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기 상 연 보

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2016



기 상 청

KOREA METEOROLOGICAL ADMINISTRATION
SEOUL, KOREA

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INTRODUCTORY NOTE

2016

1. (135 ° E)
In this report, the time stated is Korean Standard Time (135 ° E Meridian).
2. 2011 1 1981 -2010
The normals from 1981 to 2010 have been used since January 2011.
3. , 80%
The monthly and annual data should be calculated only when values are available for at least 80 percent of the year of record.
4. 1 8 (03, 06, 09, 12, 15, 18, 21, 24)
Daily averages are computed from the 3 -hourly observations measured at 03, 06, 09, 12, 15, 18, 21 and 24h.
5. 10 , 1 6
The 10 - minute, 60 - minute and 6 -hourly greatest values are the largest amounts of precipitation measured in any 10 - minute, 60 - minute and 6 -hour period, respectively.
6. 09 09
Evaporation is measured from 09h to 09h of the following day.
7. 10 10
Cloud cover is represented by the proportion of the area of sky covered with clouds, and measured on a scale from 0 to 10.
8. 16 , 1,440
10
Wind directions are given in 16 directions. The mean wind speed is the monthly average of the daily mean wind speed obtained from the average of every 1,440 minute's wind speed. The daily max wind speed is the largest value of the mean wind speeds (10 - minute averages) in a day. The daily max gust wind speed is the highest instantaneous wind speed recorded in a day.
9. (1 24)
(16)
The maximum wind speed and the frequency in percentage for each direction are obtained from hourly observations.
10. , (00~24)
3
The depth of snow cover represents the depth of accumulated snow that covers at least half of the area on the ground in a day, while the depth of snowfall represents the accumulated fresh snowfall depth in a day. The total snowfall depth represents the sum of

the depths of three-hourly fresh snowfalls.

11. 13.9㎞s(27 knots)

The number of days with gales is the number of days with daily maximum wind speeds(10-minute averages) exceeding 13.9㎞s(27 knots).

12.

The duration of sunshine is measured by a rotating-type sunshine recorder.

13.

In the last column of the first and last date of seasonal phenomena, the first number represents the total number of days between the first and the last occurrences, and the number in parentheses indicates the number of days for which the phenomena actually occurred.

14.

- 1) 가 가 .(,)
- 2) ,)
- 3) 1km 가 .
- 4) , .

The number of days with phenomena is the monthly sum of days for snow, sleet, snow pellet, hail, fog, frost, freezing, haze, yellow sand and thunderstorm.

1) The number of snow days indicates the total days with snow, snow shower, snow grains, or snow storm.(Snow days of the annual meteorological data includes the days of sleet or snow pellet)

2) The number of hail days indicates the total days with ice pellets, small hail or hail.

3) The number of fog days indicates the total days of fog with visibility less than 1km.

4) The number of thunderstorm days indicates the total days of thunderstorm or thunder.

15. 2000 1 1

As automatic weather observation has been in operation at all surface synoptic stations since January 1, 2000, the station index has been changed at some stations. The new station index is shown in the list of surface synoptic stations.

16. 가 2008 9 187 188

The Seongsan Weather Station number has been changed from 187 to 188 since September, 2008.

17. 2008 8 1 (105) 가 , 가 (104)

Due to the changes of observational elements from Gangneung Weather Station(no.105), eye observational elements such as the number of days for weather conditions and mean cloud amount, etc. are no longer available as of August 1, 2008. Furthermore, the Bukgangneung Weather Station(no.104) newly started meteorological observations from August 1, 2008.

18. 2008 11 1 (251) , (203), (232), (235),
 (245), (247), (256), (279), (284) 가 ,
 가 가 .

The Gochang Weather Station(no.251) newly started meteorological observations on November 1. 2008. Due to the changes of observational elements at Icheon(no.203), Cheonan (no.232), Boryeong(no.235), Jeongeup(no.245), Namwon(no.247), Suncheon(no.256), Gumi(no.279) and Geochang(no.284) Weather Stations, eye observational elements such as the number of days for weather conditions and mean cloud amount, etc. are added from November 1. 2008.

19. 2010 7 (155) (155) .

The Masan Weather Station name is changed from Masan(155) to Changwon(155) since July. 2010.

20. 가 2010 12 251 172 .

The Gochang Weather Station number is changed from 251 to 172 since December. 2010.

21. 2011 1 11 (99), (121), (127), (203), (247), (279)
 가 , 가 .

Due to the changes of observational elements from Munsan(no.99), Yeongwol(no.121), Chungju(no.127), Icheon(no.203), Namwon(no.247) and Gumi(no.279) Weather Stations, eye observational elements such as the number of days for weather conditions and mean cloud amount, etc. no longer available as of January 11, 2011.

22. 가 2011 4 256 174 .

The Suncheon Weather Station number is changed from 256 to 174 since April. 2011.

23. 256 2011 4 .

The Weather Station name(no.256)is changed from Suncheon to Juam since April. 2011.

24. 2011 4 1 (98), (106), (135), (137), (245), (256)
 가 , 가 .

Due to the changes of observational elements from Dongducheon(no.98), Donghae(no.106),Chupungnyeong(no.135), Sangju(no.137), Jeongeup(no.245), Juam(no.256) Weather Stations, eye observational elements such as the number of days for weather conditions and mean cloud amount, etc. no longer available as of April 1, 2011.

25. 2012 7 2 (256) .

The Juam(no.256) Weather Station stopped meteorological observations from July 2, 2012.

26. 2013 10 1 (143) 가 ,
 가 . 2013 10 1 () (141) , 10 10 ()
 가 141 176 . 2015 6 12 (143) (860) , ()
)(176) (143) . , 2015 (143) 6
 가 .

Due to the changes of observational elements from Daegu Weather Station(no.143), eye observational elements such as the number of days for weather conditions and mean cloud amount, etc. are no longer available as of October 1. 2013. Furthermore, the Daegu Weather Station(no.141) newly started meteorological observations from October 1, 2013 and

2006 (calm) 0.2m/s 0.4m/s .

The standard of calm wind velocity has been changed from below 0.2m/s to below 0.4m/s since 2006.

List of the Synoptic Stations

Station			Lat.(N)	Long.(E)	H (m)	Hb (m)	ht (m)	ha (m)	hr (m)
090	속초	Sokcho	38°15'	128°34'	18.1	19.6	1.7	10.0	0.6
093	북춘천	Bukchuncheon	37°57'	127°45'	95.6	97.0	1.5	10.0	1.1
095	철원	Cheorwon	38°09'	127°18'	154.8	156.3	1.8	13.0	1.5
098	동두천	Dongducheon	37°54'	127°04'	112.5	113.6	1.7	10.0	1.0
099	파주	Paju	37°53'	126°46'	29.4	30.8	1.7	10.0	1.0
100	대관령	Daegwallyeong	37°41'	128°43'	772.6	774.1	1.5	10.0	0.6
101	춘천	Chuncheon	37°54'	127°44'	76.5	76.8	1.5	10.0	1.1
102	백령도	Baengnyeongdo	37°58'	124°38'	145.5	146.7	1.6	10.0	0.6
104	북강릉	Bukgangneung	37°48'	128°51'	78.9	80.4	1.7	10.0	0.6
105	강릉	Gangneung	37°45'	128°53'	26.0	27.5	1.7	10.0	0.6
106	동해	Donghae	37°30'	129°07'	39.9	41.4	1.7	10.0	0.6
108	서울	Seoul	37°34'	126°58'	85.8	86.8	1.8	10.0	0.6
112	인천	Incheon	37°29'	126°37'	68.2	69.7	1.6	10.0	1.1
114	원주	Wonju	37°20'	127°57'	148.6	150.1	1.7	14.0	0.6
115	울릉도	Ulleungdo	37°29'	130°54'	222.4	223.7	1.6	10.0	1.3
119	수원	Suwon	37°16'	126°59'	34.1	35.1	1.6	18.7	1.0
121	영월	Yeongwol	37°11'	128°27'	240.6	242.1	1.5	10.0	0.6
127	충주	Chungju	36°58'	127°57'	116.3	117.7	1.8	10.0	1.0
129	서산	Seosan	36°47'	126°30'	28.9	30.1	1.6	20.2	1.1
130	울진	Uljin	36°60'	129°25'	50.0	51.2	1.8	10.0	0.6
131	청주	Cheongju	36°38'	127°26'	58.7	57.9	1.5	10.0	0.5
133	대전	Daejeon	36°22'	127°22'	68.9	70.4	1.6	19.8	1.2
135	추풍령	Chupungnyeong	36°13'	127°60'	243.7	244.9	1.6	10.0	1.1
136	안동	Andong	36°34'	128°42'	140.1	141.6	1.8	10.0	1.3
137	상주	Sangju	36°25'	128°09'	96.2	97.5	1.8	10.0	0.6
138	포항	Pohang	36°02'	129°23'	2.3	3.3	1.6	10.0	1.1
140	군산	Gunsan	36°00'	126°46'	23.2	24.7	1.7	15.3	0.6
143	대구	Daegu	35°50'	128°39'	53.4	54.9	1.8	10.0	0.6
146	전주	Jeonju	35°50'	127°07'	61.4	62.9	1.6	10.0	1.4
152	울산	Ulsan	35°34'	129°19'	34.6	35.8	1.5	12.0	0.5
155	창원	Changwon	35°10'	128°34'	37.6	39.1	1.7	10.0	1.3
156	광주	Gwangju	35°10'	126°53'	72.4	73.9	1.7	17.5	1.2
159	부산	Busan	35°06'	129°02'	69.6	70.9	1.5	15.0	0.6
162	통영	Tongyeong	34°51'	128°26'	32.3	33.2	1.4	18.0	1.0
165	목포	Mokpo	34°49'	126°23'	38.0	39.2	1.5	15.5	0.6
168	여수	Yeosu	34°44'	127°44'	64.6	66.1	1.7	13.0	0.6
169	흑산도	Heuksando	34°41'	125°27'	76.5	78.0	1.7	15.5	0.6
170	완도	Wando	34°24'	126°42'	35.2	36.7	1.5	10.0	0.5
172	고창	Gochang	35°21'	126°36'	52.0	53.5	1.8	10.0	1.7
174	순천	Suncheon	35°01'	127°22'	165.0	166.5	1.7	10.0	1.2
175	진도(첨찰산)	Jindo	34°28'	126°19'	476.5	477.8	1.6	10.0	0.7
184	제주	Jeju	33°31'	126°32'	20.5	21.7	1.8	17.0	1.3
185	고산	Gosan	33°18'	126°10'	71.5	72.6	1.7	10.0	0.0
188	성산	Seongsan	33°23'	126°53'	17.8	19.2	1.5	10.0	0.6
189	서귀포	Seogwipo	33°15'	126°34'	49.0	50.3	1.8	10.0	0.6
192	진주	Jinju	35°10'	128°02'	30.2	31.6	1.8	10.0	1.3

Station			Lat.(N)	Long.(E)	H (m)	Hb (m)	ht (m)	ha (m)	hr (m)	
201	강	화	Ganghwa	37°42'	126°27'	47.0	48.4	1.6	10.0	0.6
202	양	평	Yangpyeong	37°29'	127°30'	48.0	49.4	1.8	10.0	0.6
203	이	천	Icheon	37°16'	127°29'	78.0	79.5	1.8	10.0	1.0
211	인	제	Inje	38°04'	128°10'	200.2	201.7	1.5	10.0	0.5
212	홍	천	Hongcheon	37°41'	127°53'	140.0	141.9	1.6	13.0	0.5
216	태	백	Taebaek	37°10'	128°59'	712.8	714.3	1.6	16.0	0.6
221	제	천	Jecheon	37°10'	128°12'	259.8	260.6	1.5	10.0	0.5
226	보	은	Boeun	36°29'	127°44'	175.0	176.4	1.5	10.0	0.5
232	천	안	Cheonan	36°47'	127°07'	21.3	22.6	1.8	9.5	0.6
235	보	령	Boryeong	36°20'	126°33'	15.5	17.0	1.6	10.0	1.1
236	부	여	Buyeo	36°16'	126°55'	11.3	12.8	1.7	10.0	0.5
238	금	산	Geumsan	36°06'	127°29'	170.4	171.9	1.5	10.0	0.5
243	부	안	Buan	35°44'	126°43'	12.0	13.5	1.8	10.0	0.6
244	임	실	Imsil	35°37'	127°17'	247.9	249.4	1.7	10.0	0.6
245	경	읍	Jeongeup	35°34'	126°52'	44.6	46.1	1.7	10.0	0.6
247	남	원	Namwon	35°24'	127°24'	127.5	91.8	1.7	10.0	0.7
248	장	수	Jangsu	35°39'	127°31'	406.5	408.0	1.6	10.0	0.6
260	장	흥	Jangheung	34°41'	126°55'	45.0	46.3	1.7	10.0	1.4
261	해	남	Haenam	34°33'	126°34'	13.0	14.6	1.5	10.0	1.4
262	고	흥	Goheung	34°37'	127°17'	53.1	54.6	1.5	10.0	0.6
268	진	도	Jindogun	34°28'	126°16'	5.4	6.9	1.7	10.0	0.6
271	봉	화	Bongwhoa	36°57'	128°55'	324.3	325.8	1.9	10.0	0.6
272	영	주	Yeongju	36°52'	128°31'	210.8	212.3	1.9	10.0	0.6
273	문	경	Mungyeong	36°38'	128°09'	170.6	172.2	1.6	10.0	0.6
277	영	덕	Yeongdeok	36°32'	129°25'	42.1	43.5	1.7	10.0	0.6
278	의	성	Uiseong	36°21'	128°41'	81.8	83.3	1.7	10.0	0.6
279	구	미	Gumi	36°08'	128°19'	48.9	50.3	1.7	10.0	0.6
281	영	천	Yeongcheon	35°59'	128°57'	93.8	95.3	1.5	10.0	0.5
284	거	창	Geochang	35°40'	127°55'	226.0	227.3	1.5	10.0	0.5
285	합	천	Hapcheon	35°34'	128°10'	32.0	33.2	1.5	10.0	0.5
288	밀	양	Miryang	35°29'	128°45'	11.2	12.5	1.8	10.0	1.3
289	산	청	Sancheong	35°25'	127°53'	138.1	138.8	1.5	10.0	0.6
294	거	제	Geoje	34°53'	128°36'	45.4	46.7	1.7	10.0	0.5
295	남	해	Namhae	34°49'	127°56'	43.7	45.0	1.8	10.0	0.8

- H : (Height of observation field above mean sea level)
Hb : (Height of barometer above mean sea level)
ht : (Height of thermometer above the ground)
ha : (Height of anemometer above the the ground)
hr : (Height of raingauge above the ground)

Summary of Monthly Weather

2016

2016 1.1 , 0.8 , 1.3 가 . 1973 13.6 , 18.9 , 9.0
 . 5 (1973) 1 7
 ~8 (22.4) (10.8)가 1272.5mm 97.4%
 , 109.4 5.9 .

2016 29 (6.18.~7.16.), 29 (6.18.~7.16.),
 37 (6.24.~7.30.) , , .
 348.6 mm) , 347.4mm 283.8mm (398.6mm,
 (1981~2010) 398.2mm (366.4mm) . 30
 356.1mm, 17.1 , 2016
 332.1mm, 16.1 .

1951 , 2016 7 3 1
 (NEPARTAK) . 2016 26 (25.6
) , 2 9 13 16
 (MALAKAS) 9 19 20 .
 18 (CHABA) 10 9 28
 10 4 10 5 가 ,
 가 . 5
 56.5m/s , 100~300mm 가 , ,
 , 182.0mm, 155.3mm) .(267.7mm, 266.0mm,

1 : 1 -0.9 0.1 , 3.7
 0.6 , -5.1 0.5 . 25.1mm 82.7%
 , 5.6 1.2 . 가
 가 .

가 , 9.3 , -5.8 , 18~25 가
 가 . 21 , 24
 -18.0 , 2001 (1.15, -18.6)
 1 .
 가 .

1908 10% , 1 1.0mm ,
 가 , 18~19 , 23~24 가
 16.3cm, 12.0cm, 10.0cm, 8.8cm, 24 : (23 :
 13.5cm)

4 : 4
 (12.2 , 13.8 , 20.2 , 8.2
 158.1mm 18.6 , 6.0) 1.6 , 1.6 , 2.2
 11.1 3.3
 가
 1.6 , 1973 26
 가 30
 .(30.9 , 30.0 , 29.7 , 29.6) 가
 , 가
 , 1973 2
 가 가 ,
 1973 5 . 16~17
 가 ,
 77.6mm, 77.5mm) 가 .(16 : 102.0mm, 89.5mm,

5 : 5
 (17.2 , 18.6 , 25.1 , 12.4
 98.4mm 23.3 , 11.5) 1.4 , 1.8 , 0.9
 8.7 0.1
 가 , 18~23
 가 ,
 가 .(19
 : 32.4 , 32.2 , 32.0 , 32.0 , 31.9)
 가 가 ,
 40% 5 (96%),
 가
 6~8 가 .

6 : 6
 (21.2 , 22.3 , 27.2 , 18.1
 67.4mm 26.5 , 16.7) 1.1 , 0.7 , 1.4
 9.4 0.3
 가
 1.1 1973 가
 ,
 1973 2 가 가
 , 41% 1973
 4 가 . 가 18
 22 가 , 22 가

7 : 7
 (24.5 , 299.8mm 25.4 , 28.8 , 104.1% 29.7 , 21.1) 0.9 , 0.9 , 0.9 22.0
 , 0.9 가 , 가 0.6 가
 , 7 5.5 (3.9) 8 (5.3)
 , 4.0 (2.3) 1.7 ,
 (19~31 , 3.8) 가 , 가
 (104%), 가

8 : 8
 (25.1 , 76.2mm 26.7 , 29.8 , 28.3% 32.0 , 21.5) 1.6 , 2.2 , 1.0 22.5
 , 8.2 5.0
 가 가 가 , 가
 가 가 가
 16.7 1973
 가 22 1973 가 . 26 가 가 가
 가 가 가

9 : 9
 (20.5 , 201.7mm 21.6 , 25.9 , 125.2% 26.2 , 16.1) 1.1 , 0.3 , 2.0 18.1
 , 12.5 3.5
 , 1.1 가 가 가
 , 17 14 “ (MERANTI) ”
 , 가 ,
 9 .(17 : 267.5mm, 196.7mm,
 180.9mm, 179.7mm, 174.5mm, 165.0mm, 161.0mm, 160.0mm, 151.4mm)
 , 50% 가
 , 8 9 30% ,
 16 “ (MALAKAS) ” 가 가 가
 19 가 , 가

10 : 10 15.8 , 11.9 (14.3 ,
9.0) 1.5 , 2.9 , 20.7 (20.8)
0.1 . 145.3mm 304.0% , 10.7
5.0 143.4 58.7% .
가 , 가
가 1.5 .

1 가 가 ,
145.3mm 가 2~3 , 16
가 , 7~8 25 가 . ,
10 18
(CHABA)가 5 가 가
가 가
. 10 30 , , , , , ,
10 30 , , , , .

11 : 11 7.8 , 3.0 (7.6 ,
2.5) 0.2 , 0.5 , 13.2 (13.6)
0.4 . 34.6mm 73.0% , 8.6
1.5 . 가
가 , 가 (1~3 , 8~10 , 23~26)
가 . 11 가
가 ,
. 13~14 ,
가 , 18 가 가
. , 26 가 가
, 24 , 25 , 26 , , , , 11 9 , 21
가 , 11 27~28 가 .

12 : 12 3.1 , 8.2 , -1.6
(1.5 , 7.0 , -3.2) 1.6 , 1.2 , 1.6 .
63.1mm 273.3% , 8.2 1.6 .
1973 3 / 가 3.1
, ~ 가
가 , 21~22 가
가 (21~22 : 108.2mm,
98.5mm, 97.5mm, 73.5mm, 72.5mm, 68.0mm, 67.9mm,
67.0mm, 60.8mm), 273% 1973 2 67.9mm,
26 가 가
, 29 가 , ,
, 14 , 22~23 26~27
가 .

기 후 기 록

Climatological Extremes

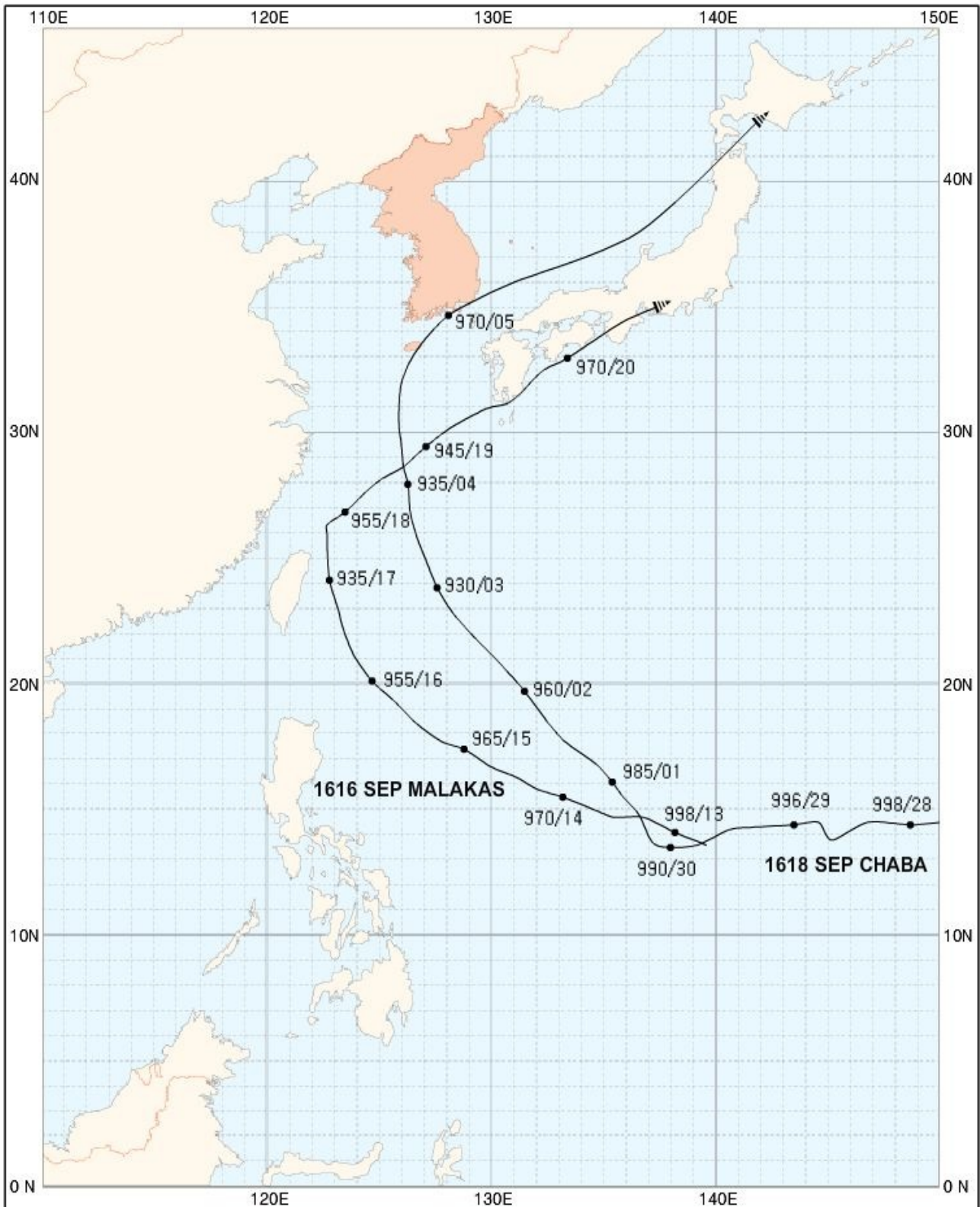
2016년

일평균기온(℃)	08월 13일	포항	32.8	10분간최다강수량(mm)	07월 31일	울산	26.1	
	08월 13일	대구	32.4		08월 08일	구미	25.7	
	08월 14일	부산	31.7		09월 17일	여수	24.6	
	08월 14일	영천	31.6		08월 15일	정읍	22.5	
	08월 13일	강릉	31.5		10월 05일	서귀포	21.6	
	08월 13일	밀양	31.3		07월 05일	원주	21.1	
일최고기온(℃)	08월 13일	영천	39.6	1시간최다강수량(mm)	10월 05일	서귀포	116.7	
	08월 13일	포항	39.3		10월 05일	울산	104.2	
	08월 13일	합천	39.2		10월 05일	거제	81.5	
	08월 13일	영덕	38.6		10월 05일	창원	75.1	
	08월 13일	대구	38.1		09월 17일	여수	74.1	
	08월 13일	의성	38.0		10월 05일	남해	71.0	
일최저기온(℃)	01월 24일	대관령	-23.0	일최다강수량(mm)	10월 05일	서귀포	267.7	
	01월 24일	제천	-20.7		09월 17일	남해	267.5	
	01월 20일	철원	-20.6		10월 05일	울산	266.0	
	01월 25일	임실	-20.6		07월 05일	인제	252.0	
	01월 24일	태백	-20.4		07월 05일	춘천	241.6	
	01월 24일	춘천	-20.1		08월 29일	울릉도	220.5	
일최대풍속(m/s)	10월 05일	고산	49.0	N	최심신적설(cm)	01월 23일	울릉도	40.3
	10월 05일	여수	29.4	N		12월 27일	북강릉	18.5
	10월 05일	제주	29.0	SSW		01월 23일	목포	16.3
	04월 16일	흑산도	24.5	N		01월 24일	광주	13.5
	05월 03일	백령도	21.0	N		01월 23일	제주	12.0
	05월 03일	대관령	20.8	N		01월 23일	서산	10.0
일최대순간풍속(m/s)	10월 05일	고산	56.5	N	최심적설(cm)	01월 24일	울릉도	102.0
	10월 05일	제주	47.0	SSW		01월 25일	광주	25.7
	10월 05일	여수	38.9	SSW		01월 25일	목포	25.0
	04월 16일	흑산도	34.9	N		02월 07일	북강릉	19.5
	05월 04일	대관령	31.9	N		01월 24일	전주	15.5
	08월 29일	울릉도	30.9	N		01월 24일	서산	14.1

우리나라에 영향을 미친 태풍 Typhoon Data

2016년

1. 경로도



2. 기상자료

			m/s		(mm)			(hPa)	
					1	1			
16	말라카스(MALAKAS) 2016.09.13~09.20	흑산도	16.1 ENE 17 02:18	25.1 SSE 17 04:58	53.7 17 04:37	136.1 17	174.3	1002.5 17 04:59	제주도남쪽면바다, 남해동부면바다
		여수	14.3 ENE 17 10:01	20.6 NE 20 04:31	74.1 17 10:02	180.9 17	184.2	1006.0 17 09:57	
		울릉도	13.6 NE 20 09:17	21.6 N 20 08:27	5.4 17 12:07	27.3 17	30.8	1010.7 18 04:56	
		고산	12.1 NNE 19 12:39	18.4 NNE 19 10:00	6.3 19 00:35	8.9 19	24.7	1005.6 17 14:46	
18	차바(CHABA) 2016.09.28~10.06	고산	49.0 NW 5 04:31	56.5 NW 5 04:22	12.0 28 08:04	63.5 28	111.5	977.3 5 04:20	제주도, 전라도, 경상도
		여수	29.4 NE 5 08:16	38.9 NNE 5 08:59	38.3 5 07:12	101.6 5	151.5	983.7 5 08:10	
		제주	29.0 NNE 5 04:20	47.0 NNE 5 04:34	51.7 5 03:05	158.5 5	287.1	980.6 5 04:44	
		성산	19.5 ENE 5 04:08	30.4 E 5 04:17	41.7 5 01:55	127.2 5	291.2	964.3 5 04:54	

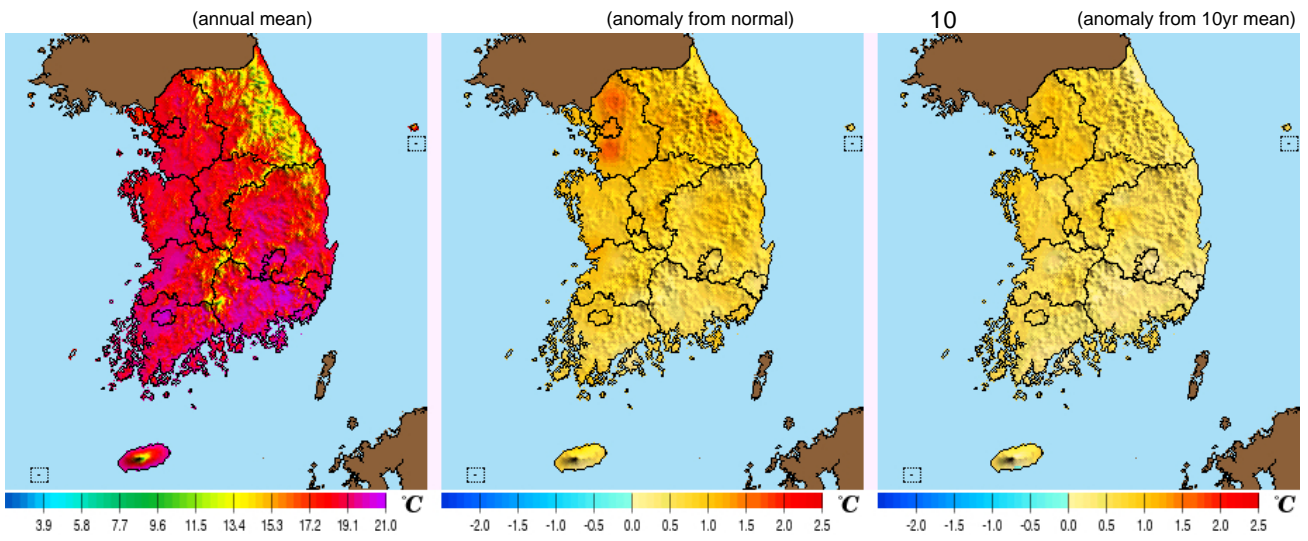
3. 태풍 발생 일람표

				(hPa)	(m/s)					(hPa)	(m/s)
1	NEPARTAK	0703	0710	900	59	14	MERANTI	0910	0915	895	61
2	LUPIT	0724	0725	998	19	15	RAI	0913	0913	996	20
3	MIRINAE	0726	0728	988	24	16	MALAKAS	0913	0920	935	49
4	NIDA	0730	0803	965	37	17	MEGI	0923	0928	945	45
5	OMAS	0804	0810	980	29	18	CHABA	0928	1006	930	50
6	CONSON	0809	0815	985	27	19	AERE	1006	1010	980	29
7	CHANTHU	0814	0817	985	27	20	SONGDA	1008	1013	935	49
8	DIANMU	0818	0819	980	24	21	SARIKA	1013	1019	940	47
9	MINDULLE	0819	0823	985	27	22	HAIMA	1015	1022	910	56
10	LIONROCK	0819	0831	940	47	23	MEARI	1103	1107	955	40
11	KOMPASU	0820	0821	994	21	24	MA-ON	1110	1112	998	19
12	NAMTHEUN	0901	0905	960	39	25	TOKAGE	1125	1128	985	27
13	MALOU	0906	0908	998	19	26	NOCK-TEN	1222	1228	920	53

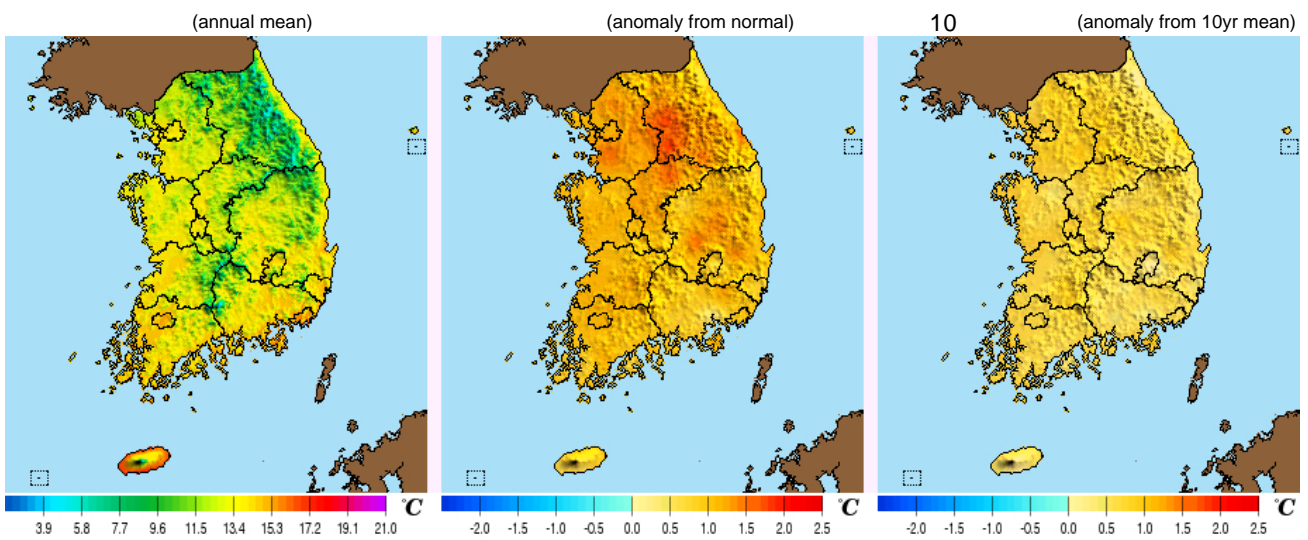
2016

Analysis of Major Meteorological Elements on 2016

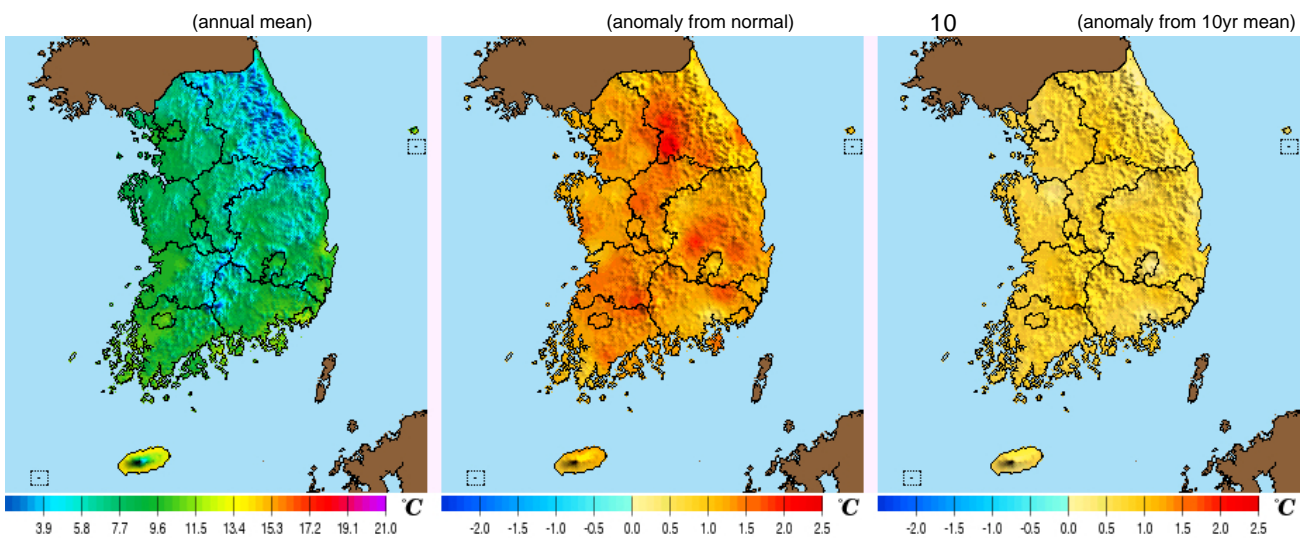
(Maximum temperature)



(Mean temperature)



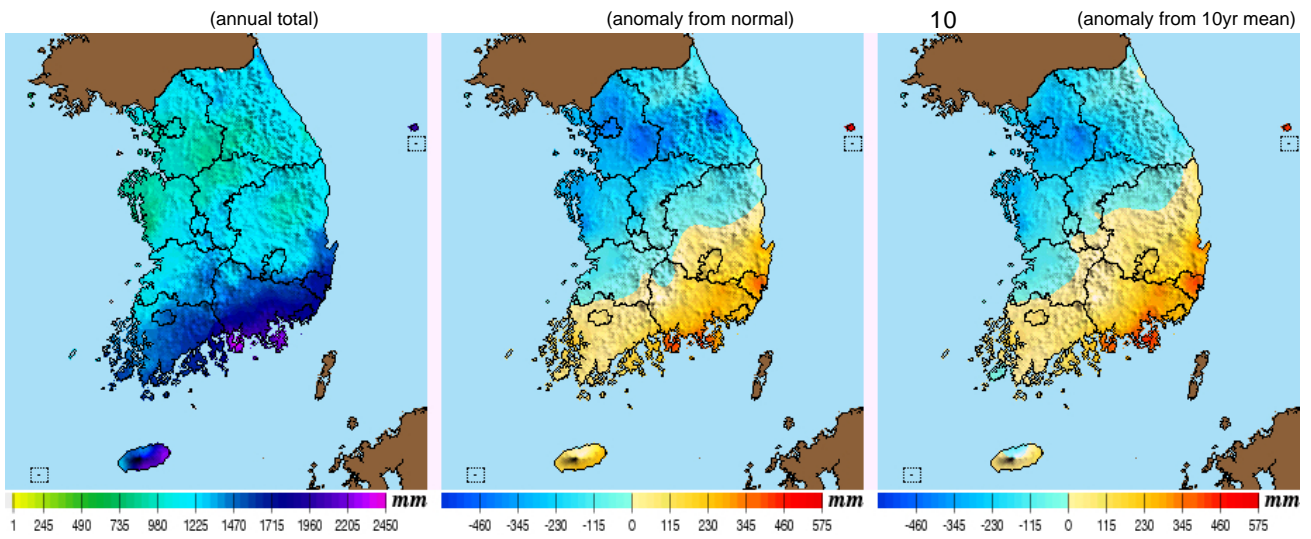
(Minimum temperature)



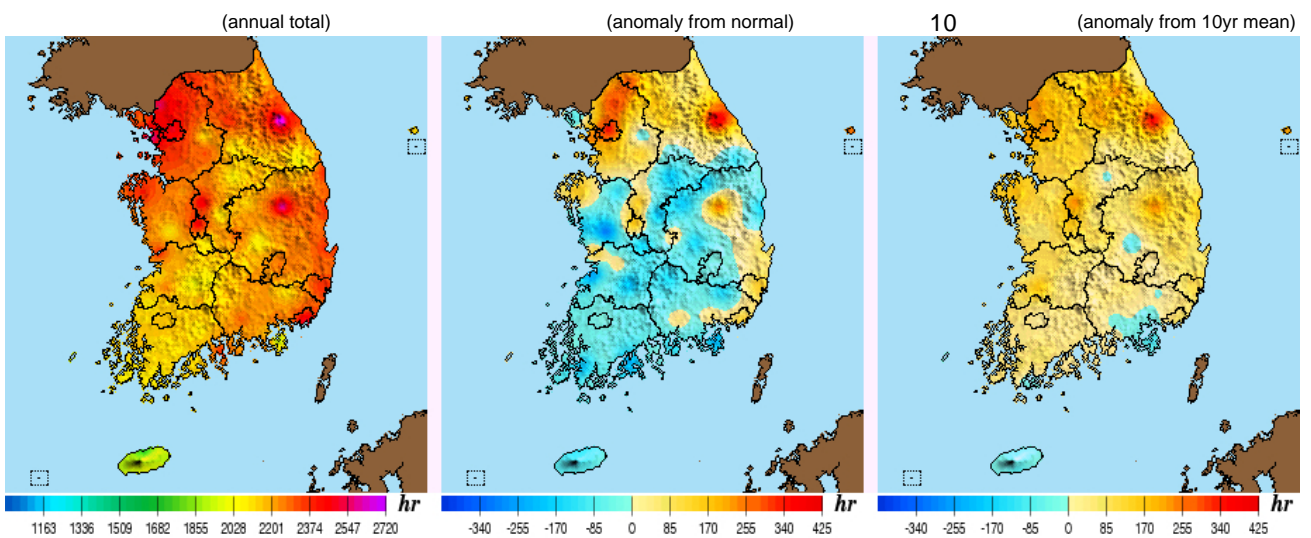
2016

Analysis of Major Meteorological Elements on 2016

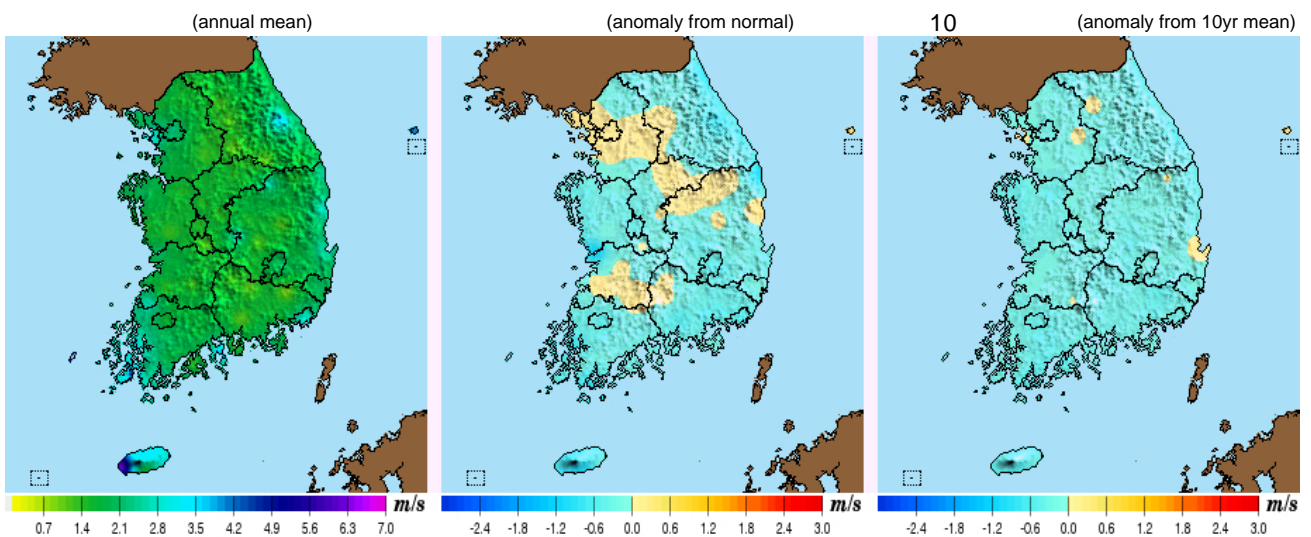
(Precipitation)



(Sunshine duration)

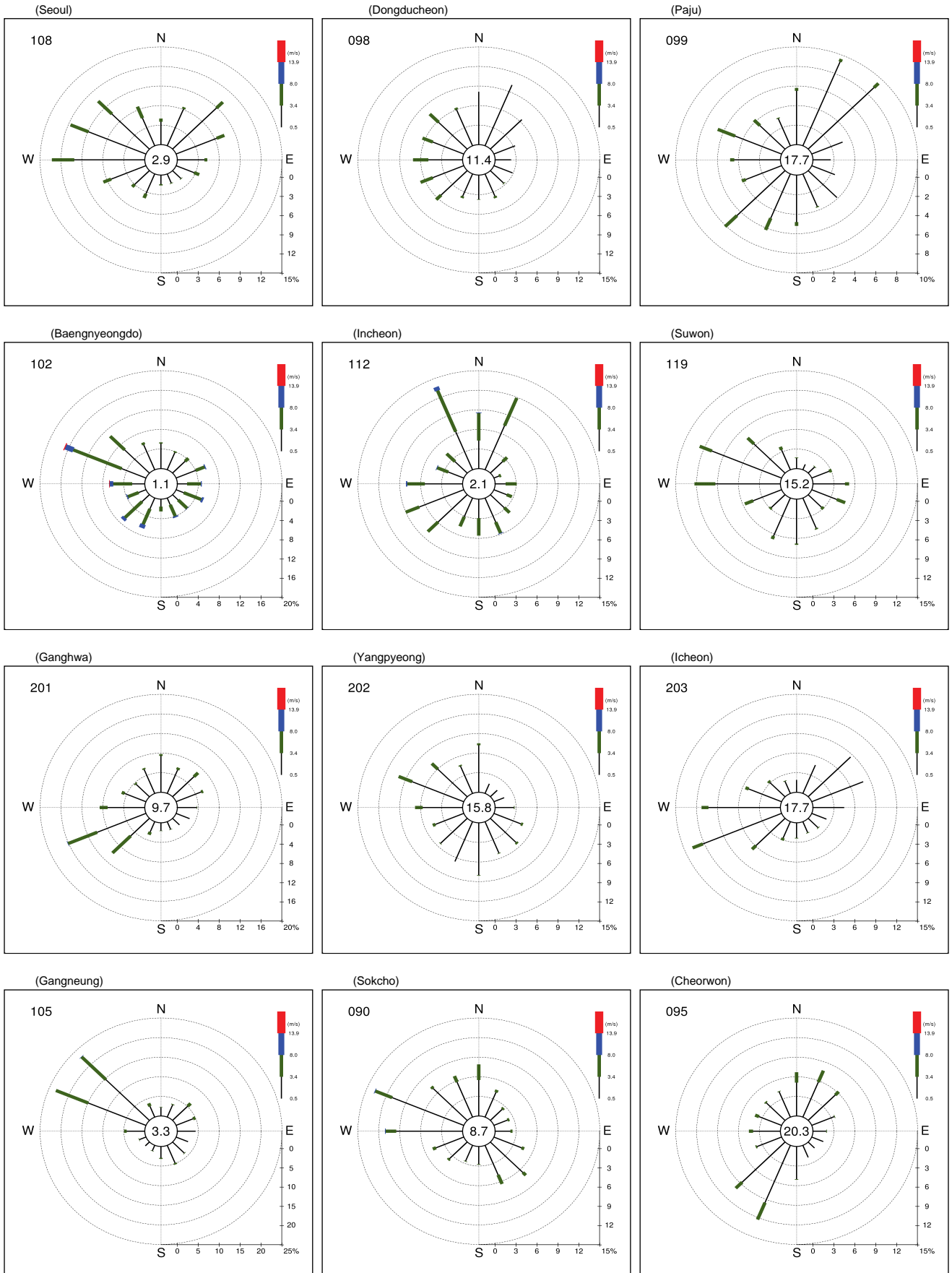


(Mean wind speed)



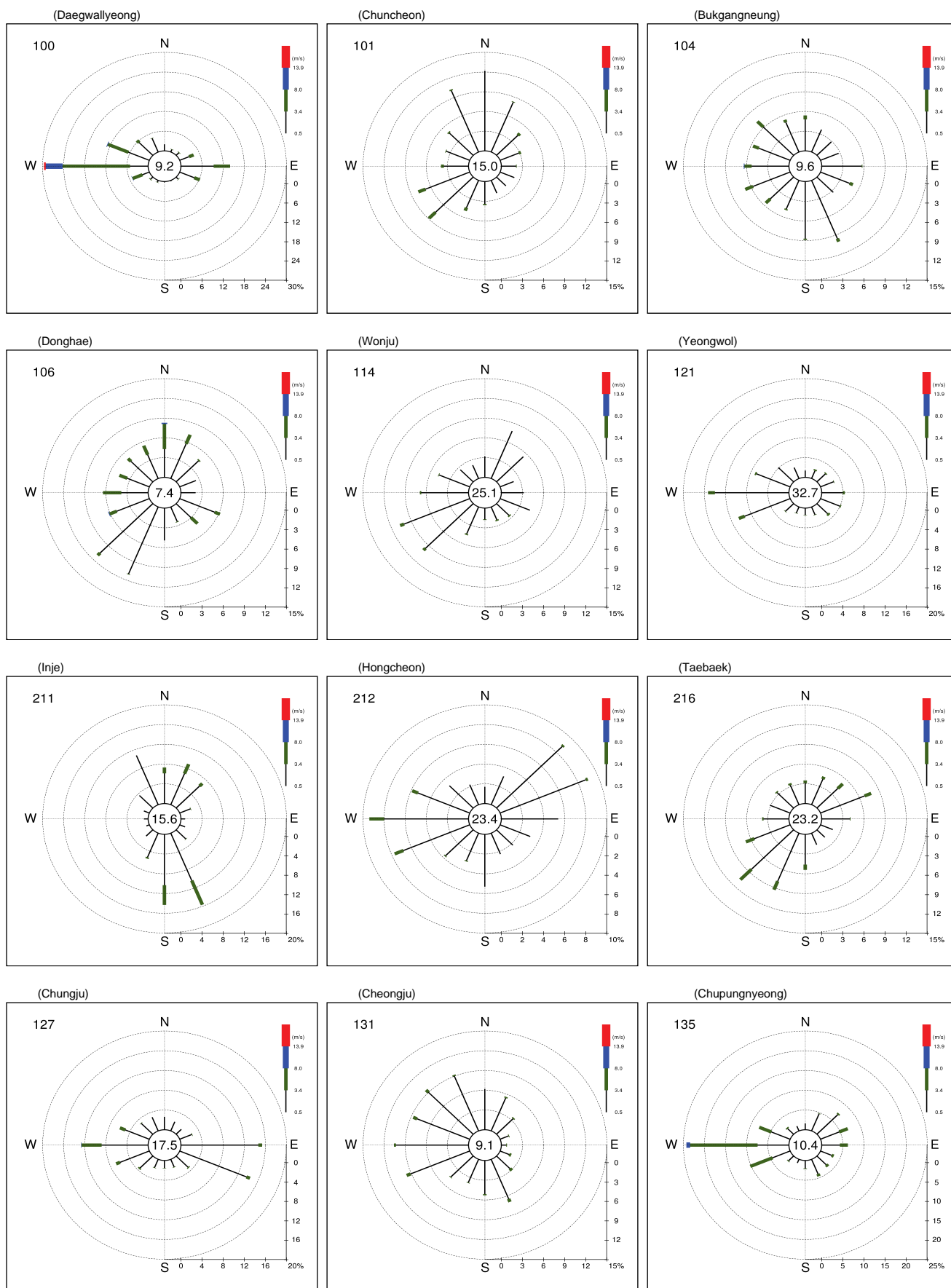
2016

Windroses on 2016



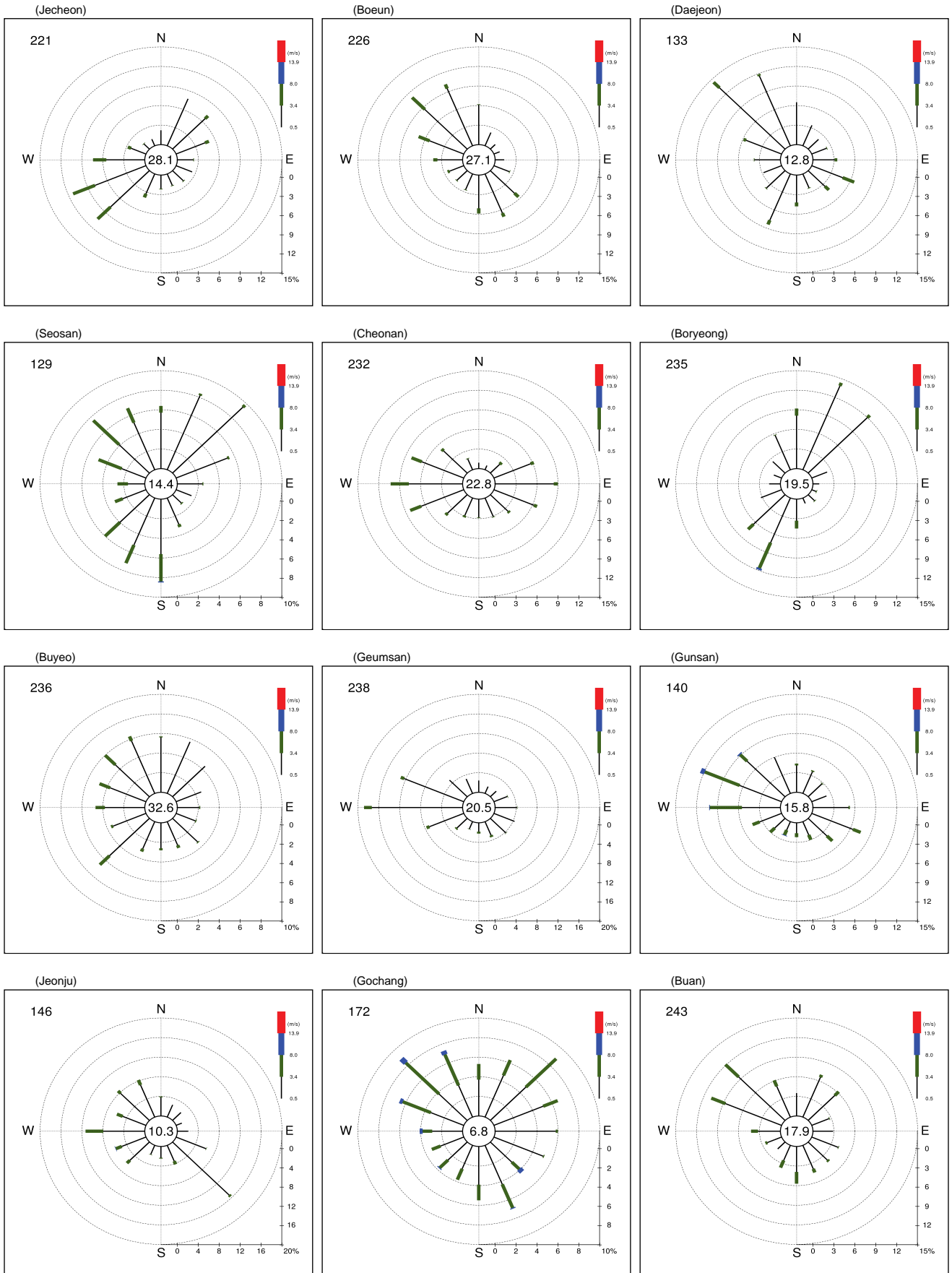
2016

Windroses on 2016



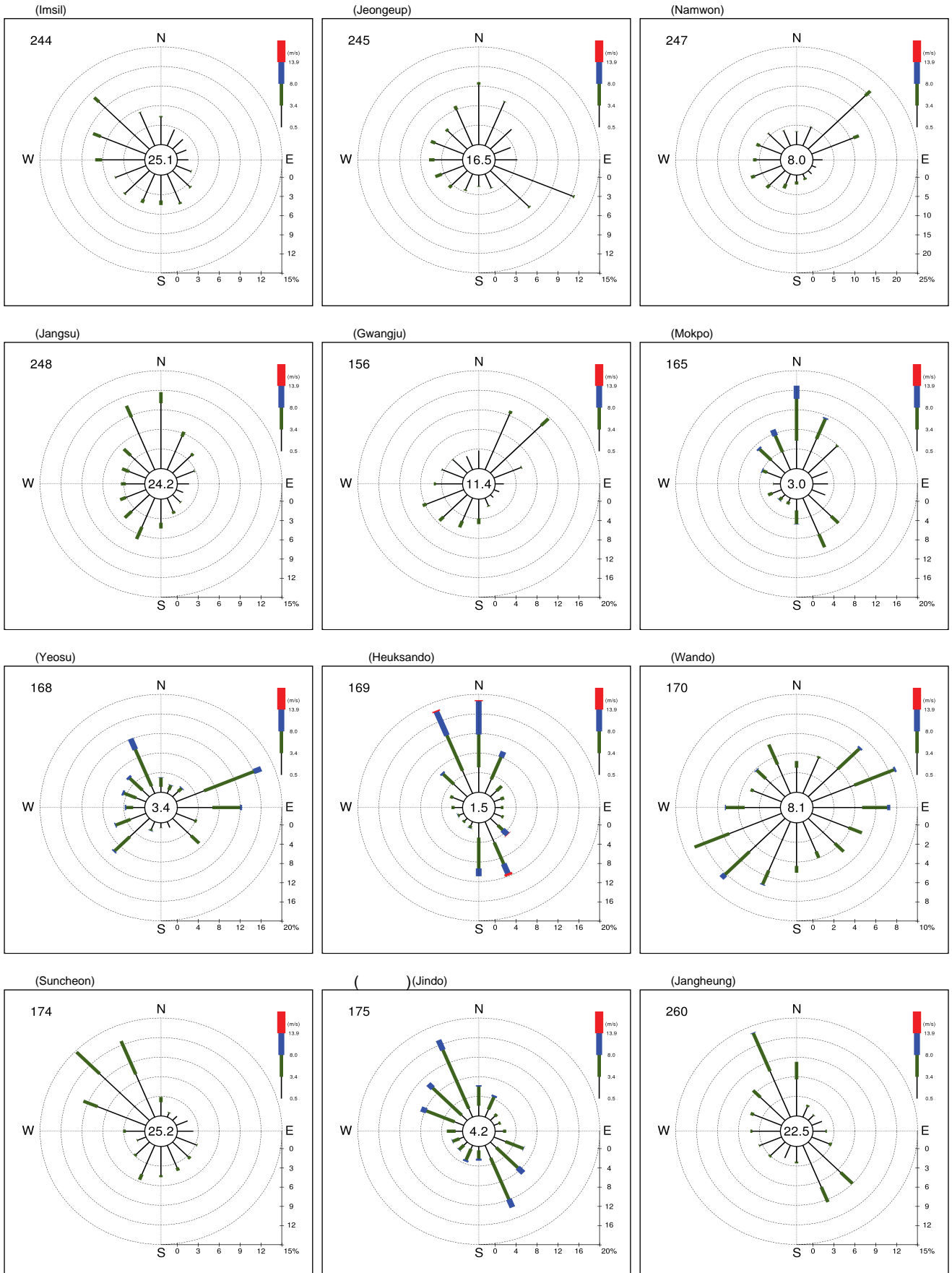
2016

Windroses on 2016



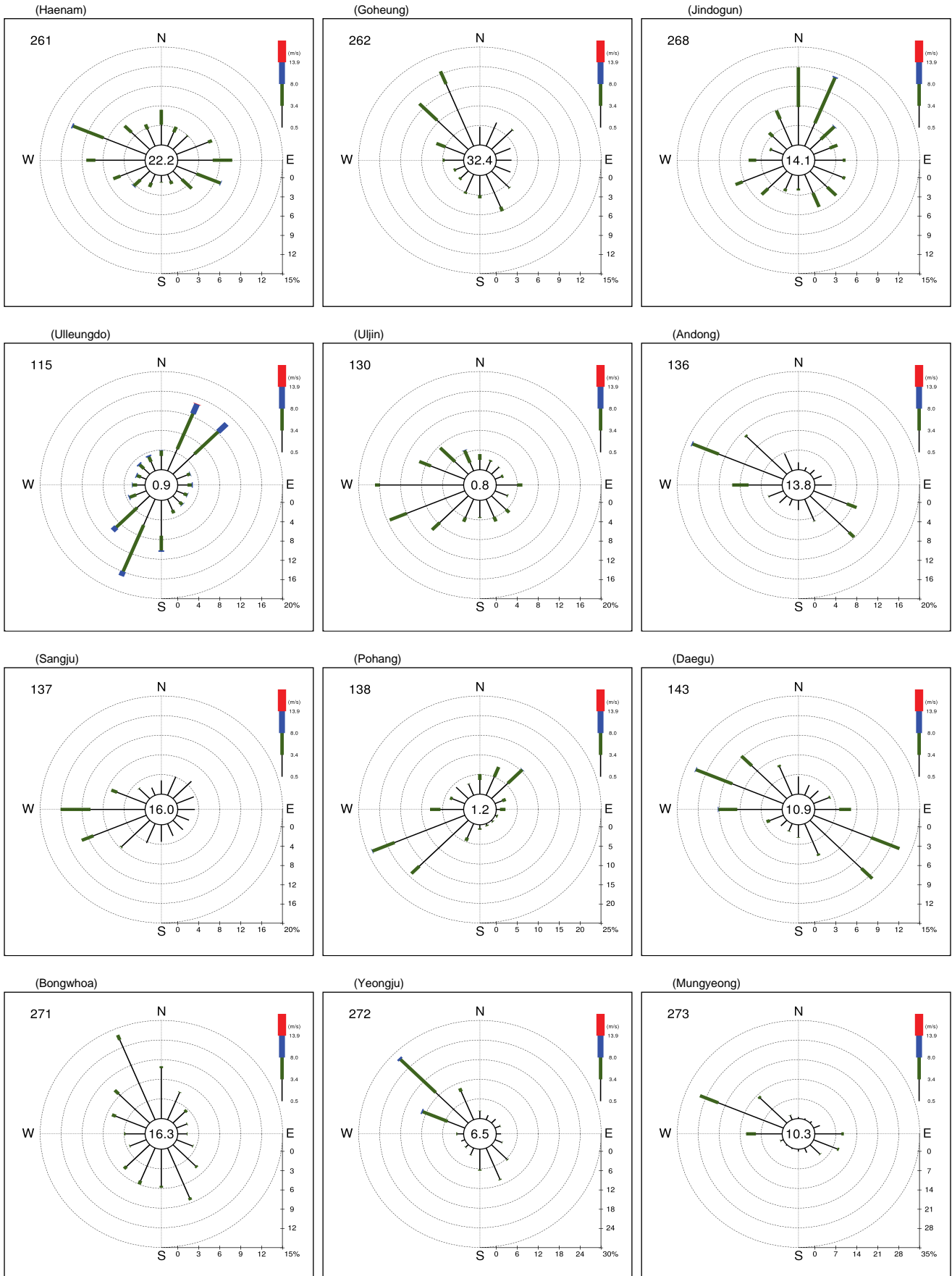
2016

Windroses on 2016



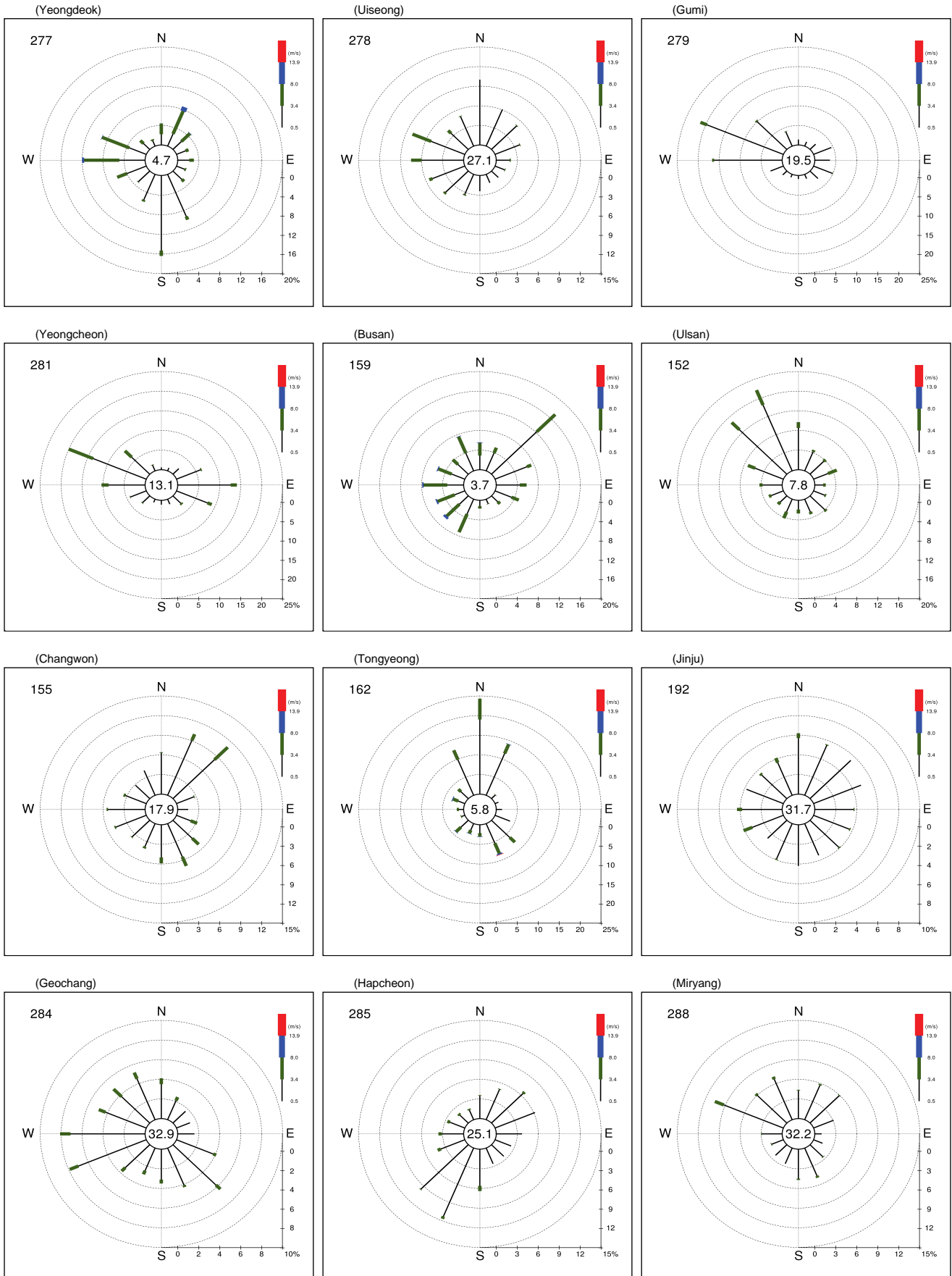
2016

Windroses on 2016



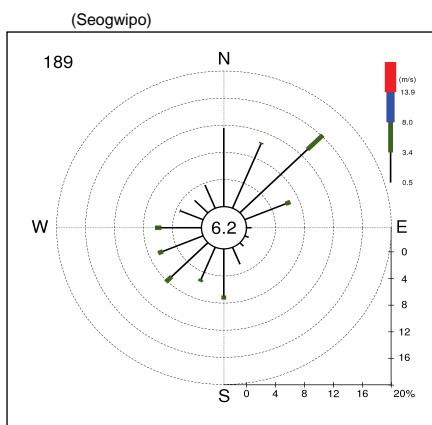
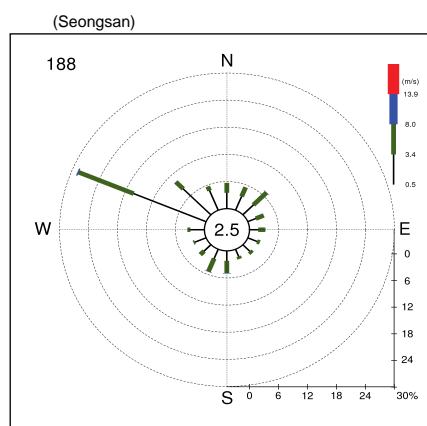
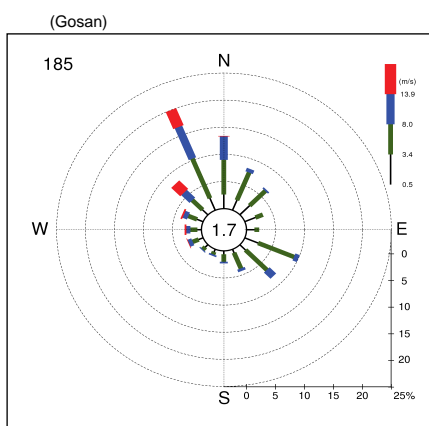
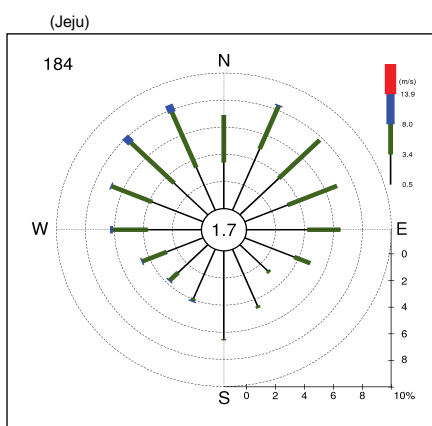
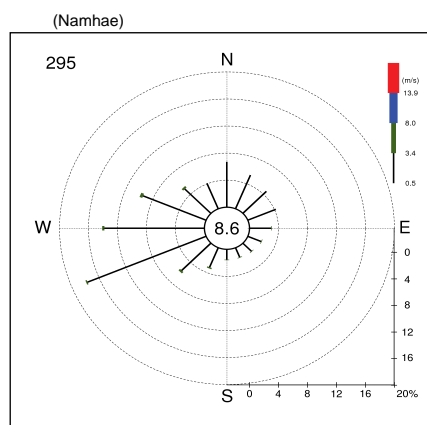
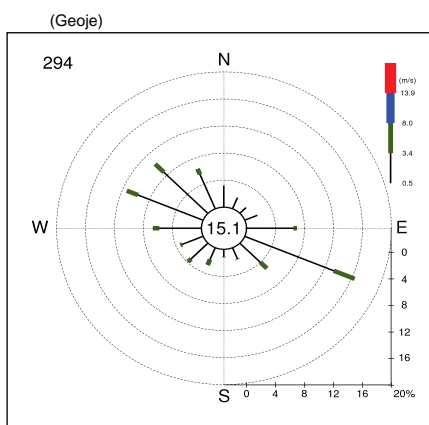
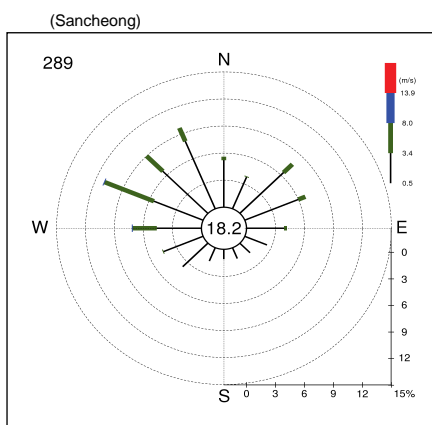
2016

Windroses on 2016



2016

Windroses on 2016



평균 기온 평년 차

Departure from Normal of Mean Air Temperature (0.1°C)

2016년

Station Number	Station Name	1	2	3	4	5	6	7	8	9	10	11	12	Ann.
		Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sep.	Oct.	Nov.	Dec.	
90	수원	-9	-7	+15	+11	+13	+14	+1	+18	+6	+3	-2	+17	+6
95	수원	-5	+1	+12	+22	+14	+13	+6	+15	+15	+19	+2	+14	+10
98	수원	-1	+4	+20	+24	+16	+13	+11	+20	+16	+17	+9	+25	+14
100	수원	+6	+14	+24	+19	+21	+15	+10	+14	+18	+15	+6	+17	+15
101	수원	-1	+1	+14	+24	+18	+17	+7	+19	+18	+21	+4	+18	+13
102	수원	-4	+4	+16	+12	+14	+10	+6	+12	+3	+5	0	+20	+8
105	수원	0	-3	+16	+12	+17	+11	-1	+12	+3	+1	-1	+16	+7
106	수원	+14	+7	+21	+19	+20	+18	+4	+19	+13	+12	+11	+32	+16
108	수원	-8	-2	+13	+16	+18	+14	+13	+23	+19	+13	-4	+8	+11
112	수원	-1	+6	+13	+14	+19	+12	+12	+22	+18	+12	-2	+13	+12
114	수원	+18	+20	+24	+30	+20	+18	+11	+22	+23	+25	+15	+22	+21
115	수원	-1	-1	+13	+12	+18	+17	+7	+9	+5	+2	-4	+15	+8
119	수원	+8	+12	+20	+23	+19	+15	+12	+21	+19	+17	+4	+17	+16
121	수원	+10	+12	+18	+23	+10	+12	+3	+13	+15	+23	+16	+31	+16
127	수원	+10	+12	+17	+24	+17	+16	+10	+19	+22	+24	+6	+16	+17
129	수원	+4	+8	+13	+16	+15	+8	+9	+13	+13	+13	+2	+13	+10
130	수원	-2	+1	+7	+5	+5	+13	+2	+11	+7	+5	0	+18	+6
131	수원	+6	+7	+16	+21	+18	+11	+9	+18	+20	+19	+2	+20	+14
133	수원	-3	0	+10	+18	+16	+13	+16	+23	+11	+10	-3	+13	+10
135	수원	-3	+2	+10	+13	+10	+8	+9	+14	+7	+11	-4	+11	+7
136	수원	-1	+6	+18	+18	+16	+18	+11	+19	+12	+18	+6	+17	+13
138	수원	-3	+4	+12	+11	+16	+14	+10	+18	+8	+11	+2	+18	+10
140	수원	-1	+11	+12	+16	+14	+10	+11	+14	+10	+10	0	+11	+10
143	수원	-8	+2	+10	+6	+9	+6	+6	+12	+2	+7	-2	+11	+10
146	수원	+3	+10	+13	+18	+10	+3	+7	+12	+11	+15	+3	+16	+10
152	수원	-2	+9	+13	+8	+10	+6	+3	+5	+2	+10	+2	+18	+7
155	수원	-22	-6	+2	+6	+10	+8	+11	+8	-6	0	-12	0	0
156	수원	+3	+8	+14	+23	+15	+6	+13	+16	+11	+14	+5	+16	+12
159	수원	-1	+6	+13	+15	+18	+12	+12	+18	+6	+11	+2	+15	+10
162	수원	-3	+1	+6	+10	+12	+7	+7	+14	+2	+8	+2	+13	+6
165	수원	+1	+8	+8	+15	+13	+8	+13	+18	+9	+7	-2	+11	+9
168	수원	+1	+3	+11	+13	+14	+10	+11	+19	+7	+10	+5	+13	+10
169	수원	-3	+4	+6	+3	+8	+2	+3	+11	0	0	-4	+7	+4
170	수원	+1	+5	+11	+18	+13	+8	+12	+15	+6	+10	0	+13	+10
184	수원	+4	+9	+14	+18	+11	+7	+16	+17	+9	+19	+9	+14	+12
185	수원	-6	0	+4	+9	+7	+5	+14	+15	+3	+14	+1	+8	+6
188	수원	-4	+2	+8	+16	+7	+7	+12	+16	+3	+18	+6	+14	+9
189	수원	-6	-4	+5	+10	+3	0	+2	+6	-2	+11	+5	+11	+4
192	수원	-1	+6	+11	+11	+6	+4	+5	+10	+5	+15	+6	+12	+7
201	수원	0	+6	+13	+12	+16	+8	+9	+18	+16	+12	+3	+16	+10
202	수원	-2	+3	+15	+23	+16	+17	+7	+22	+19	+21	+7	+18	+14
203	수원	-4	-1	+11	+19	+13	+15	+11	+20	+17	+14	+5	+15	+11
211	수원	+5	+5	+14	+18	+14	+11	+2	+11	+13	+15	+5	+19	+11
212	수원	+8	+12	+21	+30	+24	+21	+13	+24	+23	+27	+10	+21	+20
216	수원	-5	+3	+16	+15	+20	+15	+11	+10	+8	+10	+2	+16	+11
221	수원	+2	+6	+10	+21	+13	+13	+7	+15	+16	+18	+4	+16	+11
226	수원	+3	+8	+15	+22	+17	+15	+10	+19	+17	+21	+1	+17	+14
232	수원	+6	+11	+16	+21	+10	+8	+3	+9	+10	+12	-3	+12	+9
235	수원	+5	+11	+12	+15	+14	+8	+11	+12	+13	+16	+5	+17	+12
236	수원	+4	+5	+9	+18	+13	+7	+10	+16	+15	+19	+3	+16	+11
238	수원	+4	+6	+10	+19	+12	+9	+12	+15	+14	+20	-1	+13	+11
243	수원	+1	+11	+11	+18	+15	+10	+12	+17	+14	+15	0	+15	+12
244	수원	-3	+1	+11	+26	+16	+11	+13	+19	+16	+27	+9	+16	+13
245	수원	+1	+13	+14	+19	+15	+10	+16	+17	+15	+16	-2	+10	+12
247	수원	+2	+2	+13	+24	+12	+3	+11	+13	+12	+23	+9	+18	+12
248	수원	-1	+3	+10	+22	+12	+8	+13	+14	+13	+25	+4	+15	+12
260	수원	+4	+6	+10	+21	+12	+8	+11	+13	+12	+24	+11	+21	+13
261	수원	-9	-2	0	+12	+7	+5	+10	+14	+8	+14	-4	+9	+6
262	수원	0	+3	+6	+11	+7	+4	+6	+9	+5	+12	0	+12	+6
271	수원	-4	-1	+8	+14	+11	+13	+6	+9	+13	+21	+5	+19	+9
272	수원	+2	+6	+15	+15	+11	+10	+4	+13	+8	+14	+2	+17	+10
273	수원	-1	-1	+10	+10	+8	+8	+3	+10	+1	+4	-7	+15	+5
277	수원	-2	+4	+10	+7	+18	+16	+8	+13	+8	+12	+4	+18	+10
278	수원	+2	+9	+16	+19	+15	+15	+13	+18	+17	+27	+10	+21	+15
279	수원	+10	+14	+21	+20	+17	+14	+12	+21	+13	+21	+9	+23	+17
281	수원	+3	+11	+17	+15	+17	+13	+15	+18	+14	+23	+10	+25	+15
284	수원	+3	+6	+15	+16	+12	+6	+9	+12	+11	+20	+4	+13	+10
285	수원	-6	+1	+11	+13	+10	+7	+12	+17	+7	+16	0	+8	+8
288	수원	+3	+11	+17	+17	+18	+15	+17	+17	+12	+20	+6	+20	+14
289	수원	+3	+5	+11	+15	+10	+6	+10	+14	+6	+15	+6	+11	+10
294	수원	+3	+8	+13	+15	+16	+12	+17	+24	+10	+18	+8	+21	+14
295	수원	+4	+7	+12	+14	+14	+9	+12	+17	+6	+9	+4	+13	+10

강 수 량 평 년 차

Departure from Normal of Precipitation (0.1mm)

2016년

Station Number	Station Name	1	2	3	4	5	6	7	8	9	10	11	12	Ann.
		Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sep.	Oct.	Nov.	Dec.	
90	수주	-377	-86	-251	+132	-598	-535	+2309	-1061	-1069	+398	-380	+835	-684
95	수주	-197	+277	+50	+248	+479	-1109	+596	-2745	-1163	+1284	-308	+486	-2103
98	수주	-195	+251	+145	+138	+582	-1133	-577	-3379	-1332	+1038	-177	+481	-4157
100	수주	-600	-146	-572	-50	-755	-1367	+946	-1605	-2052	-466	-636	+162	-7140
101	수주	-199	+310	+79	+357	+51	-299	+2333	-2843	-847	+639	-298	+582	-135
102	수주	-59	+530	+121	+100	+491	-496	-237	-1256	-832	+615	-102	+208	-916
105	수주	-277	-11	-396	+43	-534	-799	+1814	-163	-1390	-323	-468	+442	-2063
106	수주	-386	+187	-309	+7	-492	-875	+728	-1033	-1355	-72	-233	+289	-3544
108	수주	-198	+226	-67	+123	+546	-788	-365	-2971	-1363	+230	-358	+396	-4588
112	수주	-178	+223	+36	+231	+482	-925	-191	-2593	-1190	+253	-328	+478	-3701
114	수주	-204	+195	-151	+48	-61	-1043	-21	-2407	-1263	+313	-192	+96	-4690
115	수주	+480	+567	-561	+372	-408	-690	-366	+3234	+706	+1299	+837	+1199	+6670
119	수주	-178	+284	+69	+179	+586	-918	-334	-2268	-861	+460	-323	+416	-2889
121	수주	-179	+292	-289	+129	-358	-975	+683	-1842	-1046	+552	-124	+318	-2837
127	수주	-194	+269	-330	+342	-187	-958	+809	-2246	-881	+451	-243	+213	-2956
129	수주	-63	+351	-220	+168	+485	-1016	+222	-2619	-1093	+216	-390	+320	-3636
130	수주	-339	-7	-312	+428	-520	-604	+1371	-945	+574	+325	+11	+792	+773
131	수주	-198	+161	-350	+655	-39	-1042	+373	-2161	-690	+335	-203	+148	-3011
133	수주	-180	+116	-153	+732	-186	-1438	+340	-2721	+263	+752	-116	+289	-2303
135	수주	-56	-3	+75	+862	-244	-1008	+198	-1539	+481	+799	-111	+147	-400
136	수주	-133	+59	+9	+581	-401	-934	+302	-1798	+349	+469	-140	+316	-1320
138	수주	+107	-264	+89	+863	-458	-891	-900	-459	+3452	+2140	-202	+156	+3634
140	수주	+99	+134	-215	+884	+211	-1174	+860	-2531	+648	+581	-266	+193	-576
143	수주	+32	-127	+204	+881	-150	-478	+833	-1547	+1630	+777	-192	+257	-
146	수주	-75	-84	+127	+669	-72	-721	-478	-2417	+78	+988	-127	+157	-1954
152	수주	+163	-102	+264	+881	-220	-1067	-54	-1421	+1961	+3052	+60	+651	+4168
155	수주	+36	+279	+73	+1331	-185	-1235	-1120	-1890	+3554	+1656	-171	+1148	+3476
156	수주	+126	-27	-56	+1043	+79	-654	-76	-2168	+1007	+1699	-173	+114	+913
159	수주	+251	+135	+528	+658	-486	-915	-1281	-1136	+2499	+1240	+108	+810	+2411
162	수주	+409	+524	+500	+1346	-733	-849	-780	-1641	+4066	+1398	+219	+970	+5429
165	수주	+460	-19	-51	+1227	+307	-395	+125	-1722	+503	+1562	+181	+166	+2344
168	수주	+261	+242	+109	+1844	-222	-515	-1337	-2291	+1601	+1019	+359	+707	+1776
169	수주	-10	-51	+51	+1013	+43	-311	-501	-1558	+838	+828	+180	+236	+758
170	수주	+308	+188	-253	+1497	-265	-1021	-608	-2127	+751	+1189	+554	+545	+757
184	수주	+604	-226	+83	+318	+166	-187	-1413	-1869	-493	+2021	+94	+89	-812
185	수주	+262	+298	+132	+609	+330	+450	-608	-1254	+127	+765	-67	+460	+1503
188	수주	+846	+334	+645	+1443	+201	+176	-1130	-2792	+477	+1894	+78	+720	+2891
189	수주	+139	+663	+69	+573	+108	+43	-1066	-1207	-23	+3520	-268	+264	+2815
192	수주	+25	+334	+489	+1815	+311	-992	-1390	-2421	+2230	+1251	-80	+648	+2218
201	수주	-175	+199	+127	+262	+830	-1040	-318	-2999	-1365	+1986	-393	+430	-2458
202	수주	-178	-19	-173	+34	+220	-1061	-140	-2916	-1200	+277	-254	+387	-5023
203	수주	-189	+283	+108	+127	+41	-1271	-862	-2600	-1349	+487	-210	+428	-5006
211	수주	-172	+206	+33	+321	-94	-664	+2393	-1980	-1101	+664	-235	+379	-248
212	수주	-203	+97	-59	+98	-66	-861	+324	-2778	-1175	+201	-310	+357	-4375
216	수주	-237	-69	-255	+392	-304	-1004	+1519	-1735	-547	+311	-332	+432	-1829
221	수주	-202	+393	-345	+410	-197	-1121	+462	-1799	-1138	+581	-203	+361	-2799
226	수주	-176	+74	-32	+761	-62	-1105	+1819	-2373	+63	+907	-106	+172	-58
232	수주	-154	+172	-294	+569	+215	-969	+996	-2163	-1034	+428	-157	+175	-2217
235	수주	-203	+257	-282	+362	+583	-1138	-685	-2920	-650	+546	-516	+132	-4515
236	수주	-222	+255	-371	+885	+224	-1168	+215	-2496	-186	+670	-361	+357	-2199
238	수주	-183	+82	+26	+960	-196	-856	+695	-1612	+211	+1087	-143	+214	+288
243	수주	+168	+22	+31	+1059	+109	-1080	-553	-2200	-76	+773	-193	+192	-1749
244	수주	-12	-13	+73	+1098	+208	-1020	-442	-2218	+960	+1103	-229	+238	-254
245	수주	+200	-83	+219	+1160	+183	-1044	-746	-1545	+444	+957	-188	+64	-378
247	수주	-12	+75	+200	+939	-208	-970	-123	-2234	+796	+1642	-237	+213	+81
248	수주	-88	+203	+35	+1070	-74	-1319	+443	-2221	+677	+1467	-202	+224	+215
260	수주	+244	+55	+173	+1215	+80	-775	-826	-2564	+420	+1530	+249	+275	+76
261	수주	+238	-222	+208	+857	+61	-960	-414	-2234	+297	+1844	+377	+296	+348
262	수주	+298	+73	+36	+1446	-120	-985	-934	-2213	+1271	+1501	+605	+905	+1885
271	수주	-176	+204	-147	+492	-495	-1114	+1200	-1802	-508	+384	-111	+342	-1731
272	수주	-158	+211	-174	+891	-188	-1026	+1827	-2111	-413	+498	-204	+570	-276
273	수주	-154	+134	-65	+914	-331	-1137	+989	-2120	-13	+808	-123	+436	-660
277	수주	-249	-193	-259	+945	-485	-635	-165	-1473	+1667	+830	-13	+186	+156
278	수주	-127	-75	+111	+812	-153	-892	+16	-1470	+988	+668	-189	+168	-142
279	수주	-36	-45	+51	+974	-176	-1013	+875	-1223	+922	+1197	-199	+26	+1355
281	수주	-1	-100	+290	+1121	-246	-864	-409	-1361	+2072	+769	-190	+204	+1284
284	수주	-72	+29	+41	+962	-337	-1281	-161	-2045	+920	+1157	-267	+186	-870
285	수주	+58	+2	+342	+1329	+9	-1190	-139	-1935	+1991	+1446	-168	+556	+2300
288	수주	+112	-3	+389	+883	+8	-833	-381	-1905	+3612	+974	-210	+743	+3388
289	수주	+26	+29	+65	+1362	+69	-1208	-1072	-2546	+1247	+1426	-210	+546	-266
294	수주	+405	+447	+129	+1067	-739	-1176	-1073	-2682	+2910	+2028	+48	+1188	+2553
295	수주	+298	+587	+185	+2487	+139	-1076	-1922	-2491	+3754	+2055	+376	+1221	+5614

연 요약 자료

Annual Meteorological Data

2016년

Station		Air Pressure		Air Temperature									Precipitation										
Number	Name	Mean Sea Level (0.1hPa)	Dep. from Nor. (0.1hPa)	Mean (0.1)	Dep. from Nor. (0.1)	Max.			Min.			Total (0.1mm)	Dep. from Nor. (0.1mm)	Highest				No. of Days					
						Mean (0.1)	Highest (0.1)	Date	Mean (0.1)	Lowest (0.1)	Date			1 Daily (0.1mm)	Date	6 6 -Hour (0.1mm)	Date	1.0 mm	0.1 mm	Snow	Hail		
																						No. of Days	
90	수호	10155	+4	128	+6	168	359	08/13	90	-164	01/24	13338	-684	2064	07/05	1004	07/05	85	107				
95	원평	10166	+9	112	+10	174	343	08/12	55	-206	01/20	11809	-2103	1542	07/05	891	10/03	65	93				
98	두리	10161	-2	126	+14	193	357	08/11	74	-193	01/24	10872	-4157	1621	07/05	1109	07/05	64	98				
99	파주	10167	-	117	-	182	350	08/11	62	-200	01/24	11639	-	1646	07/05	1218	10/03	55	92				
100	대관령	10164	-9	81	+15	135	324	08/12	29	-230	01/24	11840	-7140	1525	08/28	1028	08/28	85	116				
101	천안	10167	+5	124	+13	182	357	08/12	74	-201	01/24	13338	-135	2416	07/05	1351	07/05	73	103				
102	영동	10165	+2	119	+8	150	315	08/07	94	-142	01/23	7340	-916	527	07/16	495	07/16	54	77	37	0		
104	강릉	10155	-	131	-	174	349	08/14	91	-152	01/24	12042	-	979	07/16	690	08/28	78	103	15	0		
105	영동	10157	+2	138	+7	181	355	08/13	100	-147	01/24	12582	-2063	960	08/28	900	08/28	83	115				
106	해평	10155	+8	142	+16	180	345	08/13	106	-120	01/24	9245	-3544	1229	07/04	569	07/04	76	112				
108	서평	10164	0	136	+11	185	366	08/21	94	-180	01/24	9917	-4588	1085	07/01	805	07/05	65	109	21	0		
112	인천	10167	+6	133	+12	171	340	08/21	100	-163	01/24	8643	-3701	1070	07/01	783	07/01	56	91	20	0		
114	주천	10162	-1	134	+21	185	357	08/20	88	-159	01/24	8746	-4690	1119	07/05	887	07/05	65	95				
115	영동	10156	+1	132	+8	163	315	08/14	107	-99	01/24	20504	+6670	2205	08/29	1246	08/29	120	143	61	0		
119	영동	10167	0	136	+16	191	365	08/21	90	-162	01/24	10234	-2889	1042	07/01	925	07/01	64	101	28	0		
121	영동	10165	+4	124	+16	186	366	08/20	71	-174	01/25	9404	-2837	1473	07/04	704	07/04	72	112				
127	주산	10167	+6	129	+17	190	367	08/20	75	-170	01/25	9171	-2956	1219	07/04	677	07/04	72	109				
129	서진	10172	+7	129	+10	182	346	08/20	82	-127	01/24	9221	-3636	1375	07/29	1373	07/29	69	99	30	0		
130	서진	10159	+6	132	+6	177	339	07/26	92	-135	01/24	11963	+773	1266	07/04	613	07/04	86	120				
131	영주	10164	-3	139	+14	189	363	08/20	95	-163	01/24	9380	-3011	1536	07/04	977	07/04	75	98	24	0		
133	대전	10168	+6	140	+10	194	376	08/20	94	-170	01/24	12284	-2303	1791	07/04	933	07/04	83	118	27	0		
135	충주	10166	+2	124	+7	179	356	08/07	74	-168	01/24	11471	-400	1078	07/06	756	07/02	83	120				
136	영주	10164	-1	132	+13	192	378	08/12	79	-157	01/24	9344	-1320	848	09/17	706	07/02	72	91	18	0		
137	영주	10165	-	138	-	196	372	08/08	90	-151	01/24	11362	-	916	09/17	509	07/02	80	113				
138	영주	10161	-2	152	+10	192	393	08/13	117	-123	01/24	15154	+3634	1553	10/05	1289	10/05	80	106	5	0		
140	단양	10167	+2	138	+10	186	349	08/20	98	-138	01/24	11444	-576	1388	07/04	904	07/04	71	107				
143	대전	10157	-8	146	+5	198	381	08/13	101	-130	01/24	12273	+1629	1130	09/17	710	07/24	74	105	9	1		
146	주천	10165	0	143	+10	194	362	08/20	102	-130	01/24	11177	-1954	952	09/17	703	07/02	87	118	25	0		
152	영주	10159	+2	148	+7	194	357	08/13	108	-114	01/24	16939	+4168	2660	10/05	2335	10/05	80	107	2	0		
155	영주	10160	+4	149	0	196	367	07/31	111	-126	01/24	18930	+3476	1600	09/17	1165	10/05	78	96	4	0		
156	영주	10167	+6	150	+12	201	372	08/12	109	-117	01/24	14823	+913	1229	09/17	969	09/17	93	126	25	0		
159	영주	10159	+3	157	+10	198	373	08/14	125	-102	01/24	17602	+2411	1194	09/17	928	09/17	81	103	3	0		
162	영주	10163	+3	153	+6	195	352	08/21	119	-86	01/24	19937	+5429	1967	09/17	1305	09/17	81	102				
165	영주	10168	+1	148	+9	188	360	08/11	115	-91	01/24	13980	+2344	1183	09/17	995	09/17	81	120	29	0		
168	영주	10160	-3	153	+10	186	344	08/15	125	-89	01/24	16166	+1776	1809	09/17	1268	09/17	75	108	12	0		
169	영주	10164	+1	137	+4	169	316	08/09	113	-87	01/24	11831	+758	1361	09/17	1122	09/17	77	97	31	0		
170	영주	10165	+1	151	+10	192	356	08/12	116	-80	01/24	16084	+757	1248	09/17	924	09/17	91	122				
172	고창	10169	-	140	-	191	357	08/11	97	-124	01/24	10909	-	1133	09/17	856	09/17	81	117				
174	고창	10161	-	139	-	197	378	08/12	90	-134	01/25	16146	-	1494	09/17	706	09/17	86	109				
175	진도(청철산)	10163	-	124	-	170	334	08/13	93	-127	01/24	14540	-	937	09/17	779	09/17	93	122				
184	제고	10166	+3	170	+12	202	355	07/28	144	-58	01/24	14164	-812	1585	10/05	1442	10/05	98	137	21	0		
185	고산	10164	+8	162	+6	192	340	08/13	138	-62	01/24	12931	+1503	705	07/12	484	06/29	100	121				
188	성산	10160	-4	163	+9	198	353	08/15	131	-69	01/24	22559	+2891	1272	10/05	1135	10/05	118	156				
189	서귀포	10156	0	170	+4	201	332	08/22	143	-64	01/24	22045	+2815	2677	10/05	2588	10/05	113	135				
192	진천	10165	+4	138	+7	199	375	08/11	86	-128	01/25	17346	+2218	1745	09/17	791	09/17	87	104				
201	강화	10168	-1	121	+10	172	339	08/22	74	-174	01/24	11009	-2458	980	10/03	1055	10/03	55	94				
202	양평	10167	-5	129	+14	188	361	08/08	79	-178	01/25	9359	-5023	1250	07/01	980	07/01	60	84				
203	이천	10167	+5	127	+11	190	363	08/06	72	-185	01/25	8702	-5006	832	07/04	518	03/05	61	98				
211	이천	10166	+2	112	+11	174	350	08/08	60	-190	01/24	11857	-248	2520	07/05	1420	07/05	75	112				
212	해인	10167	-2	123	+20	189	366	08/12	69	-193	01/24	9679	-4375	1085	07/01	725	07/01	68	101				
216	태백	10156	0	98	+11	153	346	08/12	48	-204	01/24	11414	-1829	1515	07/04	823	07/04	78	102				
221	태백	10167	+5	113	+11	178	354	08/06	54	-207	01/24	11079	-2799	1760	07/04	700	07/04	80	115				
226	보령	10169	+11	123	+14	188	356	08/19	67	-182	01/24	12916	-58	1965	07/04	870	07/04	80	113				
232	보령	10165	-3	127	+9	186	351	08/06	74	-186	01/25	10048	-2217	892	07/04	470	07/01	74	97				
235	보령	10165	-5	136	+12	183	339	08/11	95	-136	01/24	7928	-4515	691	07/04	555	07/04	63	87				
236	부여	10168	-1	133	+11	194	362	08/12	82	-175	01/25	11293	-2199	1570	07/04	1150	07/04	75	105				
238	부여	10167	-2	127	+11	190	357	08/12	73	-174	01/25	13256	+288	1515	07/06	1075	07/06	88	121				
243	부여	10169	0	138	+12	190	351	08/20	95	-156	01/25	10755	-1749	930	09/17	665	07/02	84	117				
244	영양	10169	0	125	+13	191	363	08/21	70	-206	01/25	13265	-254	1125	09/17	640	09/17	102	132				
245	영양	10168	+3	143	+12	197	364	08/11	97	-147	01/25	12795	-378	1255	09/17	690	09/17	95	138				
247	영양	10160	-8	135	+12	194	362	08/12	85	-170	01/25	13885	+81	1134	09/17	884	07/06	88	121				
248	영양	10166	-2	117	+12	180	341	08/24	61	-175	01/25	14858	+215	1160	09/17	660	07/01	97	134				

연 요 약 자 료 II

Annual Meteorological Data

2016년

Station		Mean Rel. Humid. (%)	Total Evaporation (0.1mm)	Sunshine					Wind				No. of Days							
				Total (0.1hr)	Dep. from Nor. (0.1hr)	Percentage (0.1%)	No. of Days			Mean Speed (0.1%)	Dep. from Nor. (0.1%)	No. of Days Gale (16)	Most Freq. Dir. (16)	Cloud Amount <2.5	Cloud Amount 7.5	Thunder Storm	Fog	Frost	Freezing	Snow Cover
							80	<20	Sunless											
90	수주산전원	68	22053	+754	494	121	99	38	19	-9	0	WNW								
95	수주산전원	67	23569	+3068	528	111	78	28	15	-3	0	SSW								
98	수주산전원	61	24121	+3615	540	111	70	31	16	0	0	NNE								
99	수주산전원	68	25557	-	573	120	61	29	16	-	0	NNE								
100	수주산전원	73	27194	+5246	609	128	35	3	34	-9	12	W								
101	수주산전원	71	23215	+1973	520	100	80	26	13	0	0	N								
102	수주산전원	72	22664	+1825	508	100	96	39	38	-11	6	WNW	79	107	14	105	1	73	21	
104	수주산전원	67	22314	-	500	117	101	39	17	-	0	SSE	90	112	13	19	13	90	35	
105	수주산전원	57	24094	+3031	540	131	81	10	23	-3	0	WNW								
106	수주산전원	67	22385	+895	502	118	98	40	20	-6	0	SW								
108	수주산전원	59	24978	+4318	560	124	63	25	23	0	0	W	93	82	11	5	28	100	11	
112	수주산전원	76	25947	+2798	581	129	64	27	31	+2	1	NNW	81	90	14	38	30	95	10	
114	수주산전원	61	20930	-316	469	85	100	39	11	0	0	WSW								
115	수주산전원	70	21213	+2652	475	75	103	39	40	+3	13	SSW	36	146	7	78	1	66	63	
119	수주산전원	68	23672	+2044	531	97	76	31	18	+1	0	WNW	77	86	10	14	64	108	14	
121	수주산전원	68	21459	+550	481	67	93	32	11	-4	0	W								
127	수주산전원	64	20359	-2744	456	42	86	34	15	+3	0	E								
129	수주산전원	81	23829	+2041	534	100	77	25	20	-4	0	NE	71	90	6	37	66	100	28	
130	수주산전원	70	23644	-88	530	116	85	38	25	-13	0	W								
131	수주산전원	59	24620	+2494	552	108	67	21	15	-3	0	W	70	100	10	10	25	97	21	
133	수주산전원	70	24401	+3014	547	105	74	28	15	-4	0	NW	75	95	11	22	50	98	15	
135	수주산전원	66	23092	+1328	518	90	87	37	26	-1	1	W								
136	수주산전원	64	26126	+4190	585	122	57	11	17	0	0	WNW	80	108	4	53	81	109	7	
137	수주산전원	63	22207	-	498	80	91	40	15	-	0	W								
138	수주산전원	65	23531	+1235	527	121	92	42	26	-2	0	WSW	94	108	8	1	1	62	1	
140	수주산전원	82	23517	+2400	527	102	83	28	21	-17	1	WNW								
143	수주산전원	64	22773	+113	510	108	94	38	21	-6	0	WNW	88	103	14	13	24	81	4	
146	수주산전원	72	21701	+1156	486	76	95	28	18	+2	0	SE	61	103	7	19	60	88	20	
152	수주산전원	70	23712	+1824	532	126	86	37	21	0	0	NNW	92	98	14	12	9	62	0	
155	수주산전원	67	22631	+1181	507	106	95	50	16	-6	0	NE	97	96	13	8	7	58	1	
156	수주산전원	72	21442	+79	481	86	100	39	16	-5	0	NE	61	113	15	8	42	75	22	
159	수주산전원	66	25149	+1876	564	143	83	40	31	-6	5	NE	100	100	16	23	1	53	0	
162	수주산전원	71	22462	-642	504	103	96	22	24	-2	6	N								
165	수주산전원	82	21578	+224	484	78	104	42	31	-8	2	N	65	116	10	40	24	53	15	
168	수주산전원	86	23716	+403	532	126	99	44	39	-2	15	ENE	90	106	11	20	1	54	1	
169	수주산전원	62	19229	+112	431	68	124	54	50	-6	44	N	64	146	14	96	8	29	10	
170	수주산전원	80	20526	-141	460	69	106	48	25	-11	4	WSW								
172	수주산전원	82	20635	-	463	71	105	47	27	-	5	NW								
174	수주산전원	68	20829	-	467	73	107	46	17	-	0	NW								
175	수주산전원	80	20330	-	456	76	120	53	48	-	7	NNW								
184	수주산전원	72	17184	-1357	385	58	150	63	31	-4	4	NNE	38	158	12	17	0	10	6	
185	수주산전원	79	19113	-779	429	68	128	45	63	-7	82	NNW								
188	수주산전원	76	19157	-290	430	77	130	52	30	-2	2	WNW								
189	수주산전원	76	19760	-787	443	70	122	55	17	-12	0	NE								
192	수주산전원	66	22824	+979	512	107	94	31	11	-7	0	N								
201	수주산전원	64	22910	-1405	513	104	84	29	20	+3	0	WSW								
202	수주산전원	66	21417	-1232	480	79	98	30	15	+3	0	WNW								
203	수주산전원	63	23113	+1976	518	95	73	28	13	0	0	WSW								
211	수주산전원	65	21913	+632	491	12	74	28	18	0	0	SSE								
212	수주산전원	66	23781	+2144	533	93	70	20	12	+2	0	W								
216	수주산전원	69	19501	-1945	437	16	99	37	16	-1	0	SW								
221	수주산전원	68	21351	-695	478	81	98	36	14	0	0	WSW								
226	수주산전원	69	20777	-2905	466	57	96	36	14	+1	0	NW								
232	수주산전원	70	22238	-1889	498	60	76	11	15	-1	0	W								
235	수주산전원	78	22452	-1973	503	78	82	29	15	-4	0	NNE								
236	수주산전원	74	20825	-4361	467	64	95	33	13	+1	0	SW								
238	수주산전원	72	20701	-2483	464	60	101	36	12	+1	0	W								
243	수주산전원	72	21023	-3706	471	68	103	44	17	+1	0	NW								
244	수주산전원	72	19659	-3171	441	51	111	43	13	0	0	NW								
245	수주산전원	72	22488	+198	504	92	95	31	14	+3	0	ESE								
247	수주산전원	68	21763	-230	488	79	99	41	17	+4	0	NE								
248	수주산전원	74	20132	-788	451	62	108	39	17	0	0	N								
260	수주산전원	76	20961	+2	470	76	107	47	18	0	0	NNW								
261	수주산전원	76	21045	-2516	472	79	103	39	22	0	1	WNW								
262	수주산전원	78	20995	-2708	471	73	103	49	14	-1	0	NNW								
268	수주산전원	80	20472	-	459	68	109	41	25	-	0	N								
271	수주산전원	68	21885	-351	490	84	85	29	15	+3	0	NNW								
272	수주산전원	65	21802	-2813	489	91	92	39	25	+3	0	NW								
273	수주산전원	60	21285	-2449	477	84	96	39	18	+2	0	WNW								
277	수주산전원	64	23541	-1964	528	114	83	36	28	+4	2	S								
278	수주산전원	71	22246	-66	499	85	90	38	12	+1	0	N								
279	수주산전원	71	20055	-2241	450	41	95	46	12	-4	0	WNW								
281	수주산전원	66	22504	+15	504	76	93	43	18	0	0	WNW								
284	수주산전원	72	21686	-2051	486	81	97	45	13	+1	0	W								
285	수주산전원	67	22316	-461	500	85	91	40	11	-1	0	SSW								
288	수주산전원	68	20947	-2076	470	58	99	46	10	-4	0	WNW								
289	수주산전원	64	21747	-697	488	62	97	41	17	+2	0	WNW								
294	수주산전원	72	18850	-3199	423	63	102	52	18	+1	0	ESE								
295	수주산전원	68	22332	-1876	501	102	103	47	13	-4	0	WSW								

90 (Sokcho)

2016

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10197	10197	10179	10106	10081	10055	10062	10040	10121	10170	10194	10199	10133
		Mean Sea Level	10220	10220	10202	10128	10102	10076	10083	10060	10142	10191	10216	10222	10155
		Highest	10301	10333	10311	10235	10273	10166	10168	10142	10240	10306	10350	10319	10350
		Date	28	24	04	11	14	05	06	27	21	30	29	25	11/29
		Lowest	10035	10036	10067	9831	9843	9959	9978	9794	9909	10060	10070	10056	9794
		Date	18	13	18	17	03	16	13	31	01	08	05	22	08/31
(0.1)	Air Temp.	Mean	- 12	8	70	126	172	206	229	255	204	153	84	44	128
		Mean Max.	27	43	114	178	226	243	258	293	236	190	126	84	168
		Mean Min.	- 53	- 30	24	76	125	175	207	221	175	115	40	3	90
		Highest	115	103	215	293	290	305	319	359	286	242	208	141	359
		Date	02	18	29	22	28	17	29	13	01	17	05	05	08/13
		Lowest	- 164	- 94	- 76	36	73	126	170	153	132	33	- 25	- 61	- 164
		Date	24	02	01	11	14	02	06	29	23	30	24	28	01/24
(0.1hPa)	Vapor Press.	Mean	26	36	56	91	125	194	249	269	207	133	69	47	125
		Highest	106	90	116	142	196	263	340	356	272	227	145	131	356
		Date	03	13	18	21	24	30	30	12	06	02	14	22	08/12
		Lowest	3	10	14	21	50	88	191	141	121	34	15	12	3
		Date	24	05	01	08	05	04	06	31	23	31	25	30	01/24
(0.1) Mean D.P.Temp.		- 139	- 85	- 20	51	98	169	209	220	179	105	4	- 46	62	
Rel. Humid. (%)	Mean	43	55	58	66	67	82	90	82	87	75	60	56	68	
	Lowest	9	14	13	10	13	23	55	47	47	22	13	13	9	
	Date	23	05	16	08	05	04	14	26	25	31	02	02	01/23	
(0.1mm)	Precip.	00-24h Total	66	383	318	775	357	622	4778	1869	1260	1285	408	1217	13338
		09-09h Total													
	Highest	1 Daily	37	134	182	323	205	309	2064	654	418	523	173	362	2064
		Date	30	13	05	16	10	12	05	28	12	03	06	27	07/05
	6 6 - Hour	Date	28	134	157	387	126	309	1004	617	476	483	115	405	1004
		Date	30	14	05	17	10	12	05	28	12	03	22	22	07/05
	1 60 - Minute	Date				132	29	136	203	183	400	166			400
		Date				16	10	12	05	28	12	03			09/12
	10 10 - Minute	Date				28	7	84	81	101	117	76			117
		Date				16	10	12	05	01	12	03			09/12
2 2 - Day	Date	66	217		435	207	310	2421	799	505	666	191	583	2421	
	Date	29 - 30	13 - 14		16 - 17	10 - 11	11 - 12	04 - 05	28 - 29	11 - 12	02 - 03	05 - 06	21 - 22	07/04 - 07/05	
3 3 - Day	Date		244		549	71		2444	865	900	252	283		2444	
	Date		12 - 14		16 - 18	02 - 04		04 - 06	28 - 31	28 - 01	20 - 23	05 - 08		07/04 - 07/06	
(0.1mm)	Evapor.	Total													
		Highest													
(0.1mm)	Small	Date													
		Date													
(0.1mm)	Large	Total													
		Highest													
(0.1mm)	Date	Date													
		Date													
(0.1%)	Wind	Mean Speed	24	21	19	23	22	18	13	16	15	17	18	19	19
		Highest Speed	87	88	88	104	107	88	77	99	77	81	83	99	107
		Highest Dir.	WNW	N	WNW	W	WNW	N	ESE	ENE	NNW	N	ENE	WNW	WNW
		Date	23	23	16	17	04	05	16	26	01	29	05	01	05/04
		Highest Gust Speed	200	175	154	231	262	145	113	171	136	124	158	195	262
		Highest Gust Dir.	WNW	W	WNW	WNW	WNW	WNW	WNW	NW	NNW	ENE	WNW	WNW	WNW
		Date	19	19	16	17	04	25	31	31	01	22	05	01	05/04
		Resultant Speed	18	12	3	3	2	3	4	2	2	2	9	12	4
		Resultant Dir.	WNW	WNW	W	WNW	WNW	ENE	ENE	E	NE	NW	NW	WNW	NW
Cloud Amount (0.1)		Mean													
		Mean Low Mid.													
Sunshine		Total(0.1hr)	1911	1976	2096	2229	2611	1753	1192	2207	1300	1408	1722	1648	22053
		Perc.(0.1%)	626	632	564	562	591	395	265	523	349	406	567	556	494
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
		Date													
		Total													
(0.1)	Grass Min. Temp.	Mean	- 82	- 59	- 10	45	96	167	204	221	169	100	15	- 17	71
		Lowest	- 184	- 119	- 82	- 3	38	88	168	161	117	8	- 60	- 74	- 184
		Date	24	03	11	04	14	02	08	27	21	30	25	16	01/24
(0.1)	Mean Soil Temp.	Surface	- 4	11	72	145	212	249	251	278	220	156	77	34	142
		0.05m													
		0.1m													
		0.2m													
		0.3m													
		0.5m													
		1.0m													
		1.5m													
		3.0m													
		5.0m													
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	34	62	41	42	31	43	29	72	35	35	56	51	72
		NE	41	33	36	41	28	35	26	66	40	59	51	63	66
		ENE	48	44	33	37	35	22	37	94	55	52	34	58	94
		E	23	24	24	37	25	22	32	30	43	61	59	14	61
		ESE	26	28	45	34	31	30	57	36	46	69	47	20	69
		SE	16	36	39	48	42	35	38	34	41	44	35	22	48
		SSE	14	29	62	82	74	47	53	37	50	47	15	23	82
		S	32	41	45	42	60	43	21	36	53	27	16	33	60
		SSW	30	40	45	46	33	23	15	32	18	18	18	39	46
		SW	39	37	63	52	64	35	21	35	17	19	29	43	64
		WSW	62	42	51	46	55	35	16	55	14	41	31	45	62
		W	68	54	60	101	81	28	29	44	33	40	52	56	101
		WNW	70	67	85	69	99	73	47	35	26	44	58	87	99
		NW	53	48	40	51	40	24	29	28	23	44	28	47	53
	NNW	49	82	69	68	54	45	53	68	39	37	65	71	82	
	(0.1%)	N	56	73	73	78	97	79	51	70	59	72	53	62	97
	Hourly Occurrence Percentage	CALM	9	42	43	43	63	90	192	198	135	106	46	68	87
		NNE	24	34	46	49	50	79	65	44	56	22	50	21	45
		NE	21	20	24	24	27	44	36	34	32	19	33	19	28
		ENE	17	14	31	18	17	29	30	34	38	28	19	15	24
		E	11	9	23	25	42	29	28	32	38	35	22	7	25
		ESE	11	30	55	46	54	56	85	75	42	56	31	23	47
		SE	3	39	72	89	132	119	122	103	81	48	25	23	71
		SSE	5	14	74	113	108	131	90	71	85	46	15	19	64
		S	15	20	30	38	39	40	26	30	31	34	19	13	28
		SSW	19	24	35	38	23	19	30	27	25	30	21	28	27
		SW	31	47	55	44	32	36	16	39	38	54	29	40	38
		WSW	62	82	61	29	38	21	9	24	29	86	61	77	48
W		239	185	112	79	60	29	11	82	83	102	175	177	111	
WNW		306	191	116	90	89	26	27	95	115	151	207	235	137	
NW	126	93	86	76	44	42	39	31	42	74	104	109	72		
NNW	54	80	73	89	56	68	78	39	60	60	88	77	68		
(0.1%)	N	47	73	63	111	126	140	117	42	74	50	54	50	79	
Number of Days With Classified	Daily Max. Temp.	0.0	6	1											7
		0.1 ~ 10.0	24	27	15	1							9	19	95
		10.1 ~ 20.0	1	1	13	20	6	2	1			19	20	12	95
		20.1 ~ 30.0			3	9	25	27	27	19	30	12	1		153
	Daily Mean Temp.	30.1						1	3	12					16
		-5.0	5												5
		-4.9 ~ 0.0	16	10	4									5	35
		0.1 ~ 10.0	10	19	19	9					2	20	25	104	
	Daily Min. Temp.	10.1 ~ 20.0			8	20	24	15	4	4	11	29	10	1	126
		20.1				1	7	15	27	27	19				96
		-15.0	1												1
		-14.9 ~ -5.0	13	6	1									4	24
	Daily Precip.	-4.9 ~ 0.0	14	19	6								4	9	52
		0.1 ~ 10.0	3	4	23	25	5				9	25	18	112	
		10.1			1	5	26	30	31	31	30	22	1	177	
		0.1mm	2	8	3	7	10	11	16	12	15	13	5	5	107
	60 - Minute Max. Precip.	10.0mm		1	2	4	1	2	5	5	4	3	2	5	34
		30.0mm				1		1	4	2	1	1		2	12
		80.0mm							3					3	3
		100.0mm							2						2
	10 - Minute Max. Precip.	1.0mm				5	4	5	10	10	9	11			54
		6.0mm				1		1	6	5	4	1			18
		10.0mm				1		1	4	3	1	1			11
		20.0mm							1		1				2
Daily Max. New Snowfall	30.0mm									1				1	
	0.1mm				7	10	11	16	12	15	13			84	
	1.0mm				3		4	8	9	8	6			38	
	5.0mm						1	2	3	2	1			9	
Daily Max. Snow Depth	10.0mm								1	1				2	
	0.1cm														
	5.0cm														
	10.0cm														
Daily Min. Rel. Humid.	30.0cm														
	0.1cm	15	7	6	5	3						2	7	45	
	21 ~ 30%	9	12	7	6	9	2				2	7	7	61	
	31 ~ 40%	3	3	8	6	6	4				5	7	8	50	
Daily Max. Wind speed	41 ~ 50%	1	2	2	5	5	3			2	2	6	8	37	
	51 ~ 70%	1	3	6	6	4	4	10	19	11	13	4	6	87	
	71%	2	2	2	2	4	17	21	10	17	5	2	2	86	
	0.5 ~ 3.3%	4	4	4		3	4	14	8	11	6	5	6	65	
Daily Max. Wind speed	3.4 ~ 7.9%	28	23	25	27	24	25	17	20	19	24	24	21	277	
	8.0 ~ 13.8%	3	2	2	3	4	1		3		1	1	4	24	
	13.9%														

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow														
	Sleet														
	Snow Pellet														
	Hail														
	Fog														
	Frost														
	Freezing														
	Haze														
	Yellow Sand														
	Thunder Storm														
Sunshine (0%)	4	2	5	4	1	2	5	2	4	4	2	3	38		
< 20%	5	6	7	6	6	9	14	7	11	13	8	7	99		
80%	20	14	10	9	12	5	3	9	3	8	14	14	121		
Cloud Amount	2.4														
2.5 ~ 5.4															
5.5 ~ 7.4															
7.5															
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10212	10219	10222	10142	10072	10108	10093	10092	10088	10164	10220	10199	
		2nd	10189	10181	10195	10124	10143	10050	10065	10052	10164	10203	10187	10234	
		3rd	10255	10263	10190	10118	10091	10070	10089	10038	10174	10205	10241	10232	
	Mean Temp. (0.1)	1st	26	-8	37	121	151	193	215	262	219	169	91	61	
		2nd	-28	21	73	121	168	213	223	278	205	168	113	45	
		3rd	-32	12	97	137	195	212	248	228	187	124	47	27	
	Mean Max.Temp. (0.1)	1st	64	32	72	166	208	232	248	299	248	202	130	103	
		2nd	13	51	117	177	223	253	252	317	234	214	163	84	
		3rd	6	46	148	191	244	245	273	265	227	158	86	67	
	Mean Min.Temp. (0.1)	1st	-14	-52	2	76	114	157	187	225	197	138	51	15	
		2nd	-72	-15	23	69	112	183	206	247	179	122	63	3	
		3rd	-71	-23	44	83	148	185	225	195	151	89	7	-8	
	Mean D.P.Temp. (0.1)	1st	-119	-122	-23	44	82	150	196	234	199	132	17	-65	
		2nd	-147	-54	-35	54	84	175	206	244	179	110	35	-39	
		3rd	-150	-78	-5	56	125	181	224	185	159	76	-41	-36	
	Mean Vapor Press (0.1hPa)	1st	30	26	57	88	112	172	229	288	233	157	75	40	
		2nd	25	46	51	92	113	201	243	306	208	133	82	50	
		3rd	24	37	60	94	147	209	272	219	182	110	50	51	
	Mean Rel. Humid. (%)	1st	38	46	69	67	69	79	90	85	89	81	63	42	
		2nd	44	63	50	67	64	82	91	83	86	71	61	58	
3rd		46	57	54	64	67	85	87	78	84	75	56	66		
Mean Wind Speed (0.1m/s)	1st	24	19	20	23	27	19	14	13	15	17	20	21		
	2nd	24	22	18	24	22	19	14	12	17	15	17	20		
	3rd	24	22	20	23	18	15	12	22	14	19	17	17		
Total Precip. (0.1mm)	1st		54	297	127	281	13	3392	354	497	803	283	0		
	2nd	0	244		549	56	411	1229	112	521	32	0	272		
	3rd	66	85	21	99	20	198	157	1403	242	450	125	945		
Total Evaporation (0.1mm)	1st														
	2nd														
	3rd														
Total Sunshine (0.1hr)	1st	829	824	529	681	499	731	560	1002	375	465	525	686		
	2nd	437	542	679	743	1141	534	225	715	421	589	708	473		
	3rd	645	610	888	805	971	488	407	490	504	354	489	489		
Mean Cloud Amount (0.1)	1st														
	2nd														
	3rd														
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 30						17		25				70(17)	
		Max. Temp. < 25				22					25			157(73)	
		Mean Temp. < 25						17		25				70(31)	
		Min. Temp. < 25							27	19				24(8)	
	Continue	Max. Temp. < 30								10 - 15				6	
		Max. Temp. < 25							25	25				32	
		Mean Temp. < 25							27	25				30	
		Min. Temp. < 25							13 - 15					3	
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0							27		06				42(8)
Mean Temp. < 0								17			11			86(39)	
Min. Temp. < 0						25				15				112(84)	
Frost															
Continue	Freezing														
	Snow														
	Snow Cover														
	Max. Temp. < 0							23 - 25						3	
	Mean Temp. < 0							18 - 26						9	
	Min. Temp. < 0							05	11					38	
Frost															
Freezing															
Snow															
Snow Cover															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station									10082	10114	10129		
		Mean Sea Level									10192	10232	10251		
		Highest									10325	10357	10362		
		Date									30	29	30		
		Lowest									10057	10106	10051		
		Date								03	05	22			
(0.1)	Air Temp.	Mean									141	51	-2		
		Mean Max.									209	112	53		
		Mean Min.									86	-5	-50		
		Highest									290	195	102		
		Date									03	19	05		
		Lowest									-19	-91	-121		
		Date								30	24	16			
(0.1hPa)	Vapor Press.	Mean									120	65	45		
		Highest									221	135	95		
		Date									03	14	22		
		Lowest									26	16	15		
		Date									30	24	16		
(0.1) Mean D.P.Temp.										90	-3	-49			
Rel. Humid. (%)	Mean Lowest Date										74	71	74		
											16	15	18		
											30	20	01		
(0.1mm)	Precip.	00~24h Total									1121	132	831		
		09~09h Total										1121	132	831	
	Highest	1 Daily Date 6 6 - Hour Date 1 60 - Minute Date 10 10 - Minute Date 2 2 - Day Date 3 3 - Day Date										390	55	490	
												03	10	22	
													375	55	390
													03	10	22
													205		
													03		
													85		
													03		
												705	70	725	
												02 - 03	10 - 11	21 - 22	
												729			
												21 - 23			
(0.1mm)	Evapor.	Small	Total												
			Highest												
			Date												
	Large	Total													
Highest															
			Date												
(0.1%)	Wind	Mean Speed									9	9	8		
		Highest Speed									60	55	64		
		Highest Dir.									WSW	NNW	WNW		
		Date									08	08	05		
		Highest Gust Speed									101	99	113		
		Highest Gust Dir.									ESE	NE	NW		
		Date									23	06	01		
		Resultant Speed									1	1	3		
										N	W	W			
										54	48	54			
Cloud Amount (0.1)		Mean Mean Low Mid.									31	35	41		
Sunshine		Total(0.1hr) Perc.(0.1%)									1853	1474	1423		
(0.01MJ/m ²) Total Horizontal Radiation											533	484	478		
Snow (0.1cm)	Highest	Snow Depth									38167	25988	20442		
		Date										5	10		
		Snowfall										26	09		
		Date										5	5		
		Total									26	27			
											5	15			
(0.1)	Grass Min. Temp.	Mean									69	-33	-75		
		Lowest									-51	-119	-136		
		Date									30	24	16		
(0.1)	Mean Soil Temp.	Surface									157	62	6		
		Underground									161	69	14		
		0.05m									168	78	22		
		0.1m									175	88	30		
		0.2m									180	97	38		
		0.3m									194	126	65		
		0.5m									208	151	93		
		1.0m									219	182	135		
		1.5m									225	209	181		
		3.0m									205	203	192		
5.0m									5835	3599	7758				
(0.01hr) Dur. of Precip.										1758	1935	2350			
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12	
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE									29	20	13	
		NE									36	36	16	
		ENE									49	44	17	
		E									47	48	10	
		ESE									34	30	11	
		SE									15	14	14	
		SSE									22	28	9	
		S									23	26	21	
		SSW									24	40	39	
		SW									41	40	45	
	WSW									43	36	53		
	W									55	51	56		
	WNW									48	46	45		
	NW									25	27	34		
	NNW									49	52	39		
	(0.1%)	N								32	46	40		
	Hourly Occurrence Percentage	CALM									418	390	526	
		NNE									28	43	24	
		NE									55	78	48	
		ENE									75	39	28	
E										26	22	12		
ESE										17	17	15		
SE										13	17	8		
SSE										16	14	12		
S										40	39	28		
SSW										32	60	36		
SW									58	64	66			
WSW									55	47	47			
W									40	24	28			
WNW									20	22	30			
NW									28	25	23			
NNW									47	49	38			
(0.1%)	N								30	51	31			
Number of Days With Classified	Daily Max. Temp.	0.0												
		0.1 ~ 10.0									1	12	30	
		10.1 ~ 20.0									10	18	1	
		20.1 ~ 30.0									20			
		30.1												
	Daily Mean Temp.	-5.0												1
		-4.9 ~ 0.0											6	14
		0.1 ~ 10.0									2	18	16	
		10.1 ~ 20.0									28	6		
		20.1									1			
	Daily Min. Temp.	-15.0												
		-14.9 ~ -5.0											5	16
		-4.9 ~ 0.0									1	14	14	
		0.1 ~ 10.0									17	11	1	
		10.1									13			
	Daily Precip.	0.1mm										8	9	10
		10.0mm										3		2
		30.0mm										3		1
		80.0mm												
		100.0mm												
60 - Minute Max. Precip.	1.0mm										5			
	6.0mm										3			
	10.0mm										2			
	20.0mm										1			
	30.0mm													
10 - Minute Max. Precip.	0.1mm										8			
	1.0mm										3			
	5.0mm										1			
	10.0mm													
Daily Max. New Snowfall	0.1cm											1	3	
	5.0cm													
	10.0cm													
	30.0cm													
Daily Max. Snow Depth	0.1cm											2	3	
	5.0cm													
	10.0cm													
	20.0cm													
	30.0cm													
Daily Min. Rel. Humid.	20%										3	2	1	
	21 ~ 30%										1	10	5	
	31 ~ 40%										7	3	7	
	41 ~ 50%										14	4	5	
	51 ~ 70%										4	9	8	
Daily Max. Wind speed	71%										2	2	5	
	0.5 ~ 3.3%										18	17	17	
	3.4 ~ 7.9%										13	13	14	
	8.0 ~ 13.8%													
	13.9%													

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Number of Days With Phenomena	Snow											1	7			
	Sleet											1	4			
	Snow Pellet															
	Hail															
	Fog										6	5	3			
	Frost										1	20	27			
	Freezing										1	20	30			
	Haze										4	7	9			
	Yellow Sand															
	Thunder Storm															
	Sunshine (0%)										4	2	5			
	< 20%										7	12	10			
	80%										8	9	10			
Cloud Amount 2.4										3	9	7				
2.5 ~ 5.4										12	7	7				
5.5 ~ 7.4										10	5	7				
7.5										6	9	10				
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st									10160	10231	10237			
		2nd									10211	10205	10260			
		3rd									10203	10261	10256			
	Mean Temp. (0.1)	1st										167	68	4		
		2nd										140	79	-7		
		3rd										118	6	-2		
	Mean Max.Temp. (0.1)	1st										235	123	69		
		2nd										222	148	51		
		3rd										174	63	40		
	Mean Min.Temp. (0.1)	1st										117	15	-55		
		2nd										80	17	-57		
		3rd										63	-47	-39		
	Mean D.P.Temp. (0.1)	1st										116	9	-54		
2nd											94	30	-49			
3rd											62	-49	-44			
Mean Vapor Press (0.1hPa)	1st										142	70	43			
	2nd										120	79	45			
	3rd										100	45	47			
Mean Rel. Humid. (%)	1st										75	69	69			
	2nd										77	75	76			
	3rd										71	70	76			
Mean Wind Speed (0.1m/s)	1st										10	12	7			
	2nd										8	8	6			
	3rd										10	8	11			
Total Precip. (0.1mm)	1st										775	85	62			
	2nd										4	25	17			
	3rd										342	22	752			
Total Evaporation (0.1mm)	1st															
	2nd															
	3rd															
Total Sunshine (0.1hr)	1st										695	438	557			
	2nd										693	601	437			
	3rd										465	435	429			
Mean Cloud Amount (0.1)	1st										57	56	39			
	2nd										44	39	56			
	3rd										60	50	67			
First and Last of Seasonal Phenomena	Genesis	Max. Temp. 30														
		Max. Temp. 25														
		Mean Temp. 25														
		Min. Temp. 25														
	Continue	Max. Temp. 30														
		Max. Temp. 25														
		Mean Temp. 25														
		Min. Temp. 25														
	'15.7-'16.6 Low Temp. Phenomena		'15	7	8	9	10	11	12	'16	1	2	3	4	5	6
	Genesis	Max. Temp. < 0														
Mean Temp. < 0																
Min. Temp. < 0																
Frost																
Freezing																
Snow																
Continue	Snow Cover															
	Max. Temp. < 0															
	Mean Temp. < 0															
	Min. Temp. < 0															
	Frost															
	Freezing															
Snow																
Snow Cover																

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10058	10047	10025	9951	9933	9898	9903	9886	9959	10013	10044	10058	9981
		Mean Sea Level	10257	10243	10215	10134	10112	10073	10077	10059	10137	10196	10235	10253	10166
		Highest	10348	10359	10303	10243	10255	10143	10159	10134	10243	10332	10357	10362	10362
		Date	01	25	01	19	14	06	07	27	21	30	29	30	12/30
		Lowest	10101	9987	10090	9861	9877	9959	9994	9853	9960	10070	10105	10055	9853
		18	13	18	17	03	24	01	31	01	03	05	22	08/31	
(0.1)	Air Temp.	Mean	-60	-22	47	126	177	221	241	253	202	134	43	-14	112
		Mean Max.	0	41	117	200	246	280	288	310	267	199	102	43	174
		Mean Min.	-122	-87	-24	52	109	168	202	207	151	76	-12	-66	55
		Highest	82	146	214	256	308	309	335	343	297	273	186	118	343
		Date	02	11	31	25	20	29	22	12	05	04	05	20	08/12
		Lowest	-206	-170	-134	-11	51	120	164	106	61	-40	-106	-187	-206
		20	02	01	05	05	02	06	27	21	30	24	16	01/20	
(0.1hPa)	Vapor Press.	Mean	24	30	46	73	116	177	244	255	176	113	61	42	113
		Highest	81	139	124	149	194	260	332	348	263	191	141	96	348
		Date	03	13	05	21	27	22	30	07	04	03	14	22	08/07
		Lowest	6	7	12	17	35	71	151	82	72	12	13	12	6
		24	01	01	04	05	09	14	26	20	30	24	16	01/24	
(0.1) Mean D.P.Temp.		-141	-116	-50	14	85	152	205	210	151	79	-15	-63	43	
Rel. Humid. (%)	Mean	57	54	56	54	62	69	83	80	76	74	70	73	67	
	Lowest	12	9	10	7	9	14	35	24	23	8	16	17	7	
	Date	31	10	31	04	19	09	14	26	20	30	20	06	04/04	
(0.1mm)	Precip.	00~24h Total	9	541	452	888	1499	271	4605	637	322	1731	156	698	11809
		09~09h Total	9	541	452	888	1499	271	4281	637	322	1731	156	698	11485
	Highest	1 Daily	9	322	447	348	435	146	1542	302	134	916	80	395	1542
		Date	18	13	05	17	03	15	05	31	27	03	07	22	07/05
	6 6 - Hour	Date	9	268	389	385	309	88	891	159	102	891	61	377	891
		Date	18	13	05	17	15	15	05	25	02	03	07	22	10/03
	1 60 - Minute	Date				86	89	77	350	61	100	330			350
		Date				16	15	11	05	25	02	03			07/05
	10 10 - Minute	Date				20	22	29	115	49	75	125			125
		Date				17	05	11	24	23	02	03			10/03
2 2 - Day	Date		500		631	518	151	1677	313	149	1354	81	573	1677	
	Date		12 - 13		16 - 17	02 - 03	14 - 15	04 - 05	30 - 31	01 - 02	02 - 03	07 - 08	21 - 22	07/04 - 07/05	
3 3 - Day	Date		514		696	705		1698	330	492			578	1698	
	Date		12 - 14		16 - 18	02 - 06		04 - 06	28 - 31	28 - 03			21 - 23	07/04 - 07/06	
(0.1mm)	Evapor.	Total													
		Highest													
(0.1mm)	Small	Date													
	Large	Date													
(0.1%)	Wind	Mean Speed	13	15	16	22	19	16	16	15	15	13	12	10	15
		Highest Speed	64	75	76	90	83	63	64	71	70	67	62	74	90
		Highest Dir.	W	N	SSW	N	SSW	NNE	NNE	SSW	E	NW	NNE	N	N
		Date	23	13	29	27	03	14	16	31	19	03	06	22	04/27
		Highest Gust Speed	116	114	121	131	147	93	95	126	134	101	112	116	147
		Highest Gust Dir.	NW	SW	SSW	W	WSW	NNE	N	SSW	SW	NNW	WNW	WNW	WSW
		Date	05	08	29	17	04	14	14	31	01	02	11	01	05/04
		Resultant Speed	6	9	6	5	8	6	3	4	7	4	3	3	4
	Resultant Dir.	WSW	WSW	WSW	W	SW	WSW	NW	NNW	N	NNW	WSW	WNW	W	
Cloud Amount (0.1)		Mean													
		Mean Low Mid.													
Sunshine		Total(0.1hr)	1876	1861	2363	2182	2481	2301	1539	2305	2025	1857	1428	1351	23569
		Perc.(0.1%)	614	595	636	550	561	519	342	547	543	535	470	455	528
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
		Date													
		Total													
(0.1)	Grass Min. Temp.	Mean	-164	-130	-69	12	69	136	191	190	125	32	-67	-98	19
		Lowest	-252	-234	-160	-68	-11	67	147	77	15	-118	-167	-173	-252
		Date	23	03	01	05	05	02	04	27	21	31	24	11	01/23
(0.1)	Mean Soil Temp.	Surface	-45	-14	62	152	211	280	269	297	227	155	61	11	139
		0.05m													
		0.1m													
		0.2m													
		0.3m													
		0.5m													
		1.0m													
		1.5m													
3.0m															
	5.0m														
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	56	20	42	77	46	59	55	56	65	61	54	64	77	
		NE	43	12	38	52	40	36	49	43	60	46	37	22	60	
		ENE	11	14	16	24	21	29	40	42	30	38	15	11	42	
		E	14	14	22	12	21	15	28	56	45	35	18	11	56	
		ESE	14	17	30	5	25	29	20	15	30	20	16	11	30	
		SE	19	11	14	18	28	19	26	9	19	12	17	13	28	
		SSE	19	21	20	28	18	21	39	20	35	18	20	10	39	
		S	30	30	36	41	38	24	22	41	20	26	38	28	41	
		SSW	47	51	62	63	72	53	35	66	46	41	45	47	72	
		SW	38	47	61	56	63	43	41	37	29	34	37	34	63	
		WSW	46	38	44	47	51	28	30	27	23	34	39	28	51	
		W	54	43	42	57	64	41	25	27	19	40	52	67	67	
		WNW	54	48	40	44	60	38	28	32	25	44	36	55	60	
		NW	36	51	46	43	32	34	30	41	33	66	25	19	66	
	NNW	26	38	40	36	37	48	43	33	34	30	33	27	48		
	(0.1%)	N	50	69	42	89	51	52	60	52	53	60	40	64	89	
	Hourly Occurrence Percentage	CALM	332	280	214	131	106	88	102	114	182	199	318	376	203	
		NNE	47	36	54	107	71	60	98	94	114	112	61	67	77	
		NE	44	42	62	64	48	44	67	78	93	71	75	54	62	
		ENE	21	23	32	38	38	35	31	48	49	55	33	32	36	
		E	12	10	16	14	27	24	22	31	38	27	13	8	20	
		ESE	8	11	11	1	22	29	19	28	33	24	19	11	18	
		SE	8	7	19	7	16	14	19	8	17	30	11	5	13	
		SSE	16	19	28	29	13	19	27	12	15	20	24	19	20	
		S	67	47	77	58	51	74	50	32	28	39	54	31	51	
		SSW	118	145	138	161	184	165	156	79	50	63	132	77	122	
		SW	114	121	113	121	121	142	112	66	46	81	69	86	99	
		WSW	47	66	40	50	50	53	26	34	28	32	22	39	40	
W		56	85	34	47	43	43	26	36	38	50	40	44	45		
WNW		51	49	40	26	58	32	30	55	39	36	26	52	41		
NW	17	22	43	42	40	54	40	75	38	46	35	27	40			
NNW	8	16	38	31	46	49	74	105	67	42	28	23	44			
(0.1%)	N	32	22	42	74	66	76	102	103	128	74	39	50	67		
Number of Days With Classified	Daily Max. Temp.	0.0	12	5										5	22	
		0.1 ~ 10.0	19	22	9							1	15	24	90	
		10.1 ~ 20.0		2	21	16	4		1	2		1	13	15	2	77
		20.1 ~ 30.0			1	14	25	25	17	5	29	17				133
	Daily Mean Temp.	30.1					2	5	13	24					44	
		-5.0	18	8									1	6	33	
		-4.9 ~ 0.0	10	15	5								7	13	50	
		0.1 ~ 10.0	3	6	24	4						5	14	12	68	
	Daily Min. Temp.	10.1 ~ 20.0			2	26	23	2	3	5	12	26	8		107	
		20.1					8	28	28	26	18				108	
		-15.0	10	4										2	16	
		-14.9 ~ -5.0	18	19	5								9	15	66	
	Daily Precip.	-4.9 ~ 0.0	3	4	16	1						3	10	13	50	
		0.1 ~ 10.0		2	10	29	11					3	18	10	84	
		10.1					20	30	31	31	27	10	1		150	
		0.1mm	1	5	2	6	12	8	19	10	8	7	7	8	93	
	60 - Minute Max. Precip.	10.0mm		2	1	3	4	1	8	2	2	3	2	2	28	
		30.0mm		1	1	1	2		4	1		3	1	1	14	
		80.0mm							2			1			3	
		100.0mm							2						2	
	10 - Minute Max. Precip.	1.0mm				5	9	2	14	6	5	3			44	
		6.0mm				2	3	1	8	1	1	3			19	
		10.0mm							5		1	2			8	
		20.0mm							3		1	1			4	
Daily Max. New Snowfall	30.0mm							1			1			2		
	0.1mm				6	12	8	19	10	8	7			70		
	1.0mm				4	5	2	10	4	3	3			31		
	5.0mm							3		1	1			5		
Daily Max. Snow Depth	10.0mm							3			1			4		
	0.1cm															
	5.0cm															
	10.0cm															
Daily Min. Rel. Humid.	20.0cm															
	0.1cm	7	14	16	15	11	2				3	2	1	71		
	5.0cm	16	8	9	10	10	5		1	4	9	12	10	94		
	10.0cm	3	1	2	2	4	12	4	4	11	7	5	5	60		
Daily Max. Wind speed	20.0cm	2	2	1	1	1	4	8	16	9	5	6	4	58		
	30.0cm	3	3	2	2	2	6	10	9	3	5	3	8	56		
	71%		1	1	1	3	1	9	1	3	2	2	3	27		
	0.5 ~ 3.3%	12	7	3		7	7	8	11	12	11	16	20	114		
Daily Max. Wind speed	3.4 ~ 7.9%	19	22	28	28	23	23	23	20	18	20	14	11	249		
	8.0 ~ 13.8%				2	1								3		
	13.9%															

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Number of Days With Phenomena	Snow															
	Sleet															
	Snow Pellet															
	Hail															
	Fog															
	Frost															
	Freezing															
	Haze															
	Yellow Sand															
	Thunder Storm															
Sunshine (0%)	1	1	2	2	3	0	5	1	1	4	2	6	28			
< 20%	6	6	4	5	7	5	12	6	3	6	9	9	78			
80%	14	15	14	9	13	7	1	9	4	9	8	8	111			
Cloud Amount	2.4															
2.5 ~ 5.4																
5.5 ~ 7.4																
7.5																
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10251	10248	10231	10148	10088	10101	10089	10088	10081	10166	10234	10238		
		2nd	10228	10199	10211	10135	10149	10052	10053	10052	10156	10215	10206	10261		
		3rd	10289	10285	10205	10118	10100	10067	10089	10038	10173	10208	10265	10260		
	Mean Temp. (0.1)	1st	-23	-52	29	114	155	215	225	271	221	160	60	-1		
		2nd	-80	5	41	122	177	219	238	273	207	138	75	-20		
		3rd	-74	-19	68	141	196	228	258	218	180	106	-6	-20		
	Mean Max.Temp. (0.1)	1st	29	31	87	190	215	279	275	332	280	222	114	56		
		2nd	-12	57	112	197	260	274	286	331	272	217	139	47		
		3rd	-14	35	148	215	261	286	302	270	249	163	54	28		
	Mean Min.Temp. (0.1)	1st	-81	-135	-28	29	94	153	182	219	174	107	7	-59		
		2nd	-142	-50	-28	54	101	179	196	230	156	74	15	-73		
		3rd	-142	-75	-16	74	131	172	227	174	124	48	-60	-65		
	Mean D.P.Temp. (0.1)	1st	-94	-165	-55	-2	77	120	188	229	182	106	4	-64		
		2nd	-156	-64	-44	12	64	169	192	234	145	83	21	-63		
		3rd	-170	-119	-51	33	111	167	232	171	126	51	-70	-62		
	Mean Vapor Press (0.1hPa)	1st	34	18	47	65	110	144	219	281	211	134	69	41		
		2nd	21	45	47	71	99	193	223	289	168	112	76	42		
		3rd	18	26	44	82	136	193	286	202	149	94	39	42		
	Mean Rel. Humid. (%)	1st	63	46	59	53	66	60	82	81	81	74	70	66		
		2nd	58	65	60	53	56	76	78	82	71	75	73	75		
3rd		50	50	49	55	64	72	87	78	75	72	67	75			
Mean Wind Speed (0.1m/s)	1st	13	11	17	20	23	16	19	13	14	17	16	12			
	2nd	11	18	12	21	18	17	16	12	20	11	11	7			
	3rd	14	16	18	25	16	16	14	21	12	13	8	12			
Total Precip. (0.1mm)	1st	0	0	447	45	825	1	2828	56	187	1366	81	31			
	2nd	9	519	5	696	377	237	575	14		0	42	59			
	3rd	0	22	0	147	297	33	1202	567	135	365	33	608			
Total Evaporation (0.1mm)	1st															
	2nd															
	3rd															
Total Sunshine (0.1hr)	1st	589	815	592	718	488	916	563	1015	619	703	447	509			
	2nd	619	433	737	803	1133	665	591	708	804	740	551	439			
	3rd	668	613	1034	661	860	720	385	582	602	414	430	403			
Mean Cloud Amount (0.1)	1st															
	2nd															
	3rd															
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 30					19			25				99(48)		
		Max. Temp. < 25				25					20			179(128)		
		Mean Temp. < 25							09	24				47(39)		
		Min. Temp. < 25								13 - 13				1(1)		
	Continue	Max. Temp. < 30							30	25				27		
		Max. Temp. < 25							18	27				41		
		Mean Temp. < 25							30	24				26		
		Min. Temp. < 25								13 - 13				1		
	'15.7 - '16.6 Low Temp. Phenomena		'15	7	8	9	10	11	12	'16	1	2	3	4	5	6
	Genesis	Max. Temp. < 0						27			29				95(22)	
Mean Temp. < 0							26				12			108(78)		
Min. Temp. < 0					28							05		161(122)		
Frost																
Continue	Freezing															
	Snow															
	Snow Cover															
	Max. Temp. < 0							18 - 25						8		
Mean Temp. < 0							03	05	10				37			
Min. Temp. < 0									11				71			
Frost																
Freezing																
Snow																
Snow Cover																

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Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10112	10100	10076	10000	9982	9946	9949	9932	10005	10061	10095	10109	10031
		Mean Sea Level	10252	10238	10211	10129	10109	10071	10072	10054	10131	10191	10229	10247	10161
		Highest	10337	10350	10298	10241	10243	10135	10154	10126	10231	10321	10347	10351	10351
		Date	23	25	01	19	14	06	07	27	21	30	29	30	12/30
		Lowest	10101	9981	10086	9856	9880	9960	9982	9860	9960	10050	10105	10040	9856
	Date	18	13	18	17	03	24	01	31	01	03	05	22	04/17	
(0.1)	Air Temp.	Mean	-41	-4	65	138	185	227	251	265	216	146	61	6	126
		Mean Max.	24	64	142	222	263	293	302	325	282	215	122	65	193
		Mean Min.	-93	-62	4	73	121	175	214	222	170	92	10	-43	74
		Highest	101	165	240	309	322	326	349	357	309	285	200	146	357
		Date	02	13	31	26	19	28	11	11	05	04	19	21	08/11
		Lowest	-193	-132	-102	28	77	135	176	121	100	-18	-87	-120	-193
	Date	24	02	01	05	05	02	06	27	21	30	24	16	01/24	
(0.1hPa)	Vapor Press.	Mean	26	32	48	77	117	175	237	240	175	113	60	41	112
		Highest	81	143	121	145	186	246	315	319	247	202	141	95	319
		Date	03	13	05	21	02	30	30	13	05	03	14	22	08/13
		Lowest	7	10	16	27	34	82	169	99	83	19	15	12	7
	Date	24	01	10	04	21	01	16	26	20	30	24	06	01/24	
(0.1) Mean D.P.Temp.		-129	-106	-44	26	89	152	201	200	151	79	-21	-67	44	
Rel. Humid. (%)	Mean	54	50	50	52	59	65	76	70	69	67	59	61	61	
	Lowest	13	12	11	9	7	21	33	32	25	10	17	15	7	
	Date	31	10	31	01	21	01	11	26	25	30	20	06	05/21	
(0.1mm)	Precip.	00-24h Total	13	478	533	865	1518	295	3663	704	396	1549	181	677	10872
		09-09h Total													
	Highest	1 Daily	7	231	512	292	452	179	1621	270	183	700	59	295	1621
		Date	18	13	05	16	03	15	05	31	27	03	07	22	07/05
	6 6 - Hour	Date	7	216	433	372	298	100	1109	166	136	692	41	350	1109
		Date	18	13	05	17	15	05	23	02	03	11	22	07/05	
	1 60 - Minute	Date				95	75	65	462	166	101	276			462
		Date				16	15	15	05	23	02	03			07/05
	10 10 - Minute	Date				23	40	42	107	101	50	86			107
		Date				17	03	15	05	23	02	03			07/05
2 2 - Day	Date		410		573	547	184	1846	239	197	1039	62	542	1846	
	Date		12 - 13		16 - 17	02 - 03	14 - 15	04 - 05	23 - 24	01 - 02	02 - 03	07 - 08	21 - 22	07/04 - 07/05	
3 3 - Day	Date		427		609		48	1852	373	467			543	1852	
	Date		11 - 14		16 - 18		22 - 24	04 - 06	23 - 26	31 - 02			21 - 23	07/04 - 07/06	
(0.1mm)	Evapor.	Total													
		Highest													
(0.1mm)	Small	Date													
		Date													
(0.1mm)	Large	Total													
		Highest													
(0.1mm)	Large	Date													
		Date													
(0.1%)	Wind	Mean Speed	16	19	20	21	20	17	15	14	12	13	15	15	16
		Highest Speed	97	89	84	110	125	59	57	63	67	71	62	81	125
		Highest Dir.	WNW	NW	WSW	W	NW	WSW	WSW	WSW	SW	NW	W	NW	NW
		Date	18	08	29	17	04	26	28	23	01	08	11	01	05/04
		Highest Gust Speed	150	140	135	189	210	99	116	119	144	111	111	154	210
		Highest Gust Dir.	NW	WSW	WSW	W	W	WSW	NW	WSW	WSW	W	WSW	NW	W
		Date	18	25	29	17	04	26	30	31	01	02	05	01	05/04
		Resultant Speed	10	11	9	10	10	8	2	5	3	5	5	8	6
	Resultant Dir.	NW	W	W	W	W	W	SW	NNW	NE	NNW	NW	NW	WNW	
(0.1)	Cloud Amount	Mean													
		Mean Low Mid.													
(0.1)	Sunshine	Total(0.1hr)	1954	1843	2438	2174	2668	2289	1569	2311	1965	1852	1552	1506	24121
		Perc.(0.1%)	639	589	656	549	604	517	349	548	527	533	510	506	540
(0.01MJ/m) Total Horizontal Radiation															
(0.1cm)	Snow	Highest	Snow Depth												
			Date												
			Snowfall												
			Date												
			Total												
(0.1)	Grass Min. Temp.	Mean	-109	-76	-13	58	104	163	213	220	153	72	-20	-76	57
		Lowest	-204	-147	-117	0	53	106	176	112	67	-42	-123	-145	-204
		Date	24	02	01	05	05	02	07	27	21	30	24	30	01/24
(0.1)	Mean Soil Temp.	Surface	-30	5	80	160	221	277	284	319	258	157	62	3	150
		0.05m													
		0.1m													
		0.2m													
		0.3m													
		0.5m													
		1.0m													
		1.5m													
		3.0m													
			5.0m												
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	23	24	33	27	26	19	25	36	30	32	26	26	36	
		NE	14	16	18	30	19	17	39	26	34	20	17	27	39	
		ENE	10	19	10	28	25	18	34	31	35	23	17	17	35	
		E	10	12	23	26	27	14	34	34	27	19	18	17	34	
		ESE	18	23	14	29	17	14	24	23	30	14	28	10	30	
		SE	18	41	33	39	59	15	46	22	34	28	36	25	59	
		SSE	28	35	47	41	50	28	43	24	37	36	40	28	50	
		S	27	37	42	39	41	37	30	24	48	33	32	29	48	
		SSW	25	49	38	50	70	40	38	23	64	22	38	24	70	
		SW	35	57	61	71	68	34	42	45	64	32	55	31	71	
		WSW	49	63	70	104	80	57	49	50	30	36	46	54	104	
		W	76	71	62	106	88	56	48	39	21	60	53	48	106	
		WNW	77	73	61	57	110	53	43	40	39	37	46	72	110	
		NW	51	66	53	80	113	43	30	42	25	50	49	69	113	
	NNW	53	41	52	36	34	31	27	33	27	30	37	60	60		
	(0.1%)	N	25	45	30	32	32	27	35	27	23	40	36	29	45	
	Hourly Occurrence Percentage	CALM	157	136	125	78	79	88	79	65	115	130	174	141	114	
		NNE	102	69	77	93	81	58	93	156	147	151	93	95	101	
		NE	39	34	34	53	55	63	73	99	115	94	56	58	64	
		ENE	9	14	19	28	27	32	63	63	71	27	19	23	33	
		E	7	19	15	21	26	18	46	40	36	24	17	16	24	
		ESE	19	29	24	28	24	35	36	35	44	27	28	23	29	
		SE	13	17	23	18	26	38	55	17	50	28	22	24	28	
		SSE	20	26	56	47	56	35	89	11	33	30	53	28	40	
		S	23	27	40	42	40	49	69	34	33	30	44	26	38	
		SSW	31	50	65	56	47	57	35	24	33	22	35	30	40	
		SW	54	89	79	119	117	79	58	40	26	31	39	38	64	
WSW		51	73	87	117	94	96	65	63	31	30	51	48	67		
W		82	115	83	108	81	115	58	51	21	48	38	63	72		
WNW	94	108	51	49	63	90	59	70	43	43	39	67	65			
NW	114	92	77	42	81	54	42	67	46	90	108	97	76			
NNW	97	46	62	42	40	43	28	58	53	87	90	117	64			
(0.1%)	N	89	55	83	61	63	51	54	106	101	109	94	107	81		
Number of Days With Classified	Daily Max. Temp.	0.0	9	1										1	11	
		0.1 ~ 10.0	21	25	8							1	11	24	90	
		10.1 ~ 20.0	1	3	18	5	3				1		7	19	6	63
		20.1 ~ 30.0			5	24	23	21	14	5	25	23				140
	Daily Mean Temp.	30.1			1	5	9	17	25	5					62	
		-5.0	10	3										1	14	
		-4.9 ~ 0.0	16	14	3								3	14	50	
		0.1 ~ 10.0	5	11	21							3	19	16	75	
	Daily Min. Temp.	10.1 ~ 20.0		1	7	30	20	1	1	3	9	27	8		107	
		20.1					11	29	30	28	21	1			120	
		-15.0	5												5	
		-14.9 ~ -5.0	18	18	4								4	13	57	
	Daily Precip.	-4.9 ~ 0.0	6	9	9							1	10	14	49	
		0.1 ~ 10.0	2	2	18	27	8				1	17	13	4	92	
		10.1				3	23	30	31	31	29	13	3		163	
		0.1mm	3	8	3	8	9	8	16	9	6	8	9	11	98	
	1	10.0mm		2	1	3	4	1	5	2	2	3		2	25	
		30.0mm			1		3		2			3			10	
		80.0mm							2						2	
		100.0mm							1						1	
	60 - Minute Max. Precip.	1.0mm				5	7	3	11	7	4	5			42	
		6.0mm				2	3	1	4	1	2	3			16	
		10.0mm							3	1	1	2			7	
		20.0mm							2			1			3	
	10 - Minute Max. Precip.	30.0mm							2						2	
		0.1mm				8	9	8	16	9	6	8			64	
		1.0mm				3	5	2	8	5	3	3			29	
5.0mm								2	1	1	1			5		
Daily Max. New Snowfall	10.0mm							1	1					2		
	0.1cm															
	5.0cm															
	10.0cm															
Daily Max. Snow Depth	30.0cm															
	0.1cm															
	5.0cm															
	10.0cm															
Daily Min. Rel. Humid.	20.0cm															
	20%	5	14	14	15	7					2	5	2	64		
	21 ~ 30%	17	8	10	6	12	5				3	5	6	83		
	31 ~ 40%	3	1	3	6	6	8	3	6	5	10	8	4	63		
Daily Max. Wind speed	41 ~ 50%	2	4	2		1	9	9	19	17	9	5	9	86		
	51 ~ 70%	4	2	2	3	3	8	15	5	3	5	5	4	59		
	71%					2		4	1	2		1	1	11		
	0.5 ~ 3.3%	8	3	1	2	1	3	9	11	19	16	8	12	93		
Daily Max. Wind speed	3.4 ~ 7.9%	22	25	29	26	28	27	22	20	11	15	22	18	265		
	8.0 ~ 13.8%	1	1	1	2	2							1	8		
	13.9%															

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Number of Days With Phenomena	Snow															
	Sleet															
	Snow Pellet															
	Hail															
	Fog															
	Frost															
	Freezing															
	Haze															
	Yellow Sand															
	Thunder Storm															
Sunshine (0%)	3	1	1	3	3	0	4	1	2	4	3	6	31			
< 20%	4	7	3	6	5	4	10	3	4	6	10	8	70			
80%	16	15	13	8	15	8	1	7	1	7	10	10	111			
Cloud Amount	2.4															
2.5 ~ 5.4																
5.5 ~ 7.4																
7.5																
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10247	10243	10226	10143	10085	10098	10083	10083	10077	10160	10229	10234		
		2nd	10223	10194	10206	10132	10146	10049	10048	10048	10149	10209	10200	10253		
		3rd	10284	10281	10201	10113	10097	10064	10085	10033	10167	10202	10259	10254		
	Mean Temp. (0.1)	1st	-5	-27	47	127	165	222	235	283	232	171	75	18		
		2nd	-59	20	62	132	186	224	247	284	221	152	94	7		
		3rd	-57	-5	85	155	202	234	268	231	196	117	13	-6		
	Mean Max.Temp. (0.1)	1st	57	56	109	213	234	294	293	345	294	238	133	81		
		2nd	6	79	141	217	277	288	298	342	288	231	159	70		
		3rd	10	55	173	235	276	299	313	290	263	179	75	47		
	Mean Min.Temp. (0.1)	1st	-51	-98	-2	57	106	159	192	237	187	120	26	-36		
		2nd	-114	-31	-2	70	111	183	206	245	173	92	42	-40		
		3rd	-113	-55	15	90	142	183	242	188	149	67	-37	-51		
	Mean D.P.Temp. (0.1)	1st	-88	-150	-53	14	77	123	188	219	178	103	-2	-65		
		2nd	-140	-57	-39	28	75	165	188	222	148	90	17	-69		
		3rd	-157	-111	-41	36	111	166	225	164	128	46	-78	-66		
	Mean Vapor Press (0.1hPa)	1st	35	20	48	72	109	145	217	264	204	132	68	41		
		2nd	23	48	49	78	105	189	217	269	172	117	74	40		
		3rd	20	28	47	82	135	191	273	192	150	93	37	41		
	Mean Rel. Humid. (%)	1st	57	42	52	53	62	57	77	70	73	67	60	57		
		2nd	55	61	53	54	54	71	72	71	65	70	62	59		
3rd		48	48	46	50	60	68	78	68	68	65	54	66			
Mean Wind Speed (0.1m/s)	1st	15	16	23	20	26	15	15	13	13	16	17	16			
	2nd	16	22	16	23	19	18	14	13	13	10	14	13			
	3rd	16	20	21	19	16	16	15	17	11	12	14	16			
Total Precip. (0.1mm)	1st			512	77	820	0	2844	0	199	1065	79	105			
	2nd	10	436	20	613	358	242	481	25	13	8	81	15			
	3rd	3	42	1	175	340	53	338	679	184	476	21	557			
Total Evaporation (0.1mm)	1st															
	2nd															
	3rd															
Total Sunshine (0.1hr)	1st	621	842	618	715	587	926	609	984	635	685	477	561			
	2nd	626	421	762	800	1170	712	560	671	764	735	603	514			
	3rd	707	580	1058	659	911	651	400	656	566	432	472	431			
Mean Cloud Amount (0.1)	1st															
	2nd															
	3rd															
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 30				26					26			154(67)		
		Max. Temp. < 25				01						20		203(147)		
		Mean Temp. < 25							08	24				48(45)		
		Min. Temp. < 25							23	14				23(8)		
	Continue	Max. Temp. < 30							30	25				27		
		Max. Temp. < 25							18	27				41		
		Mean Temp. < 25							19	24				37		
		Min. Temp. < 25								12 - 14				3		
	'15.7 - '16.6 Low Temp. Phenomena		'15	7	8	9	10	11	12	'16	1	2	3	4	5	6
	Genesis	Max. Temp. < 0							18		15				60(11)	
Mean Temp. < 0								26			11			107(60)		
Min. Temp. < 0					31						28			150(103)		
Frost																
Continue	Freezing															
	Snow															
	Snow Cover															
	Max. Temp. < 0							18 - 25						8		
Mean Temp. < 0							05 - 28						24			
Min. Temp. < 0							04	11					39			
Frost																
Freezing																
Snow																
Snow Cover																

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10220	10206	10180	10100	10080	10042	10043	10026	10101	10161	10198	10215	10131
		Mean Sea Level	10258	10244	10217	10136	10115	10076	10077	10059	10135	10196	10235	10252	10167
		Highest	10344	10353	10302	10249	10246	10141	10159	10131	10237	10326	10353	10355	10355
		Date	22	25	01	19	14	06	07	27	21	30	29	30	12/30
		Lowest	10112	9987	10096	9866	9885	9966	9992	9866	9964	10060	10112	10047	9866
	Date	18	13	18	17	03	24	16	31	01	03	05	22	08/31	
(0.1)	Air Temp.	Mean	-50	-12	54	126	174	215	244	260	211	137	47	-6	117
		Mean Max.	12	54	125	204	248	280	294	318	277	208	111	52	182
		Mean Min.	-109	-75	-11	62	112	164	208	216	164	81	-7	-59	62
		Highest	113	155	216	281	306	310	329	350	305	284	202	114	350
		Date	02	13	31	26	20	29	22	11	05	03	05	21	08/11
	Lowest	-200	-164	-105	2	70	123	169	115	93	-37	-103	-134	-200	
	Date	24	02	01	05	05	03	06	27	21	30	24	16	01/24	
(0.1hPa)	Vapor Press.	Mean	26	33	51	82	124	181	249	261	187	119	61	41	118
		Highest	88	140	129	152	186	252	330	350	261	212	147	102	350
		Date	03	13	05	21	02	30	28	14	04	03	05	22	08/14
		Lowest	7	11	11	21	49	84	176	111	82	21	16	13	7
		Date	24	05	09	04	05	01	12	27	21	30	24	15	01/24
(0.1) Mean D.P.Temp.		-127	-101	-34	34	98	157	209	214	161	87	-18	-63	51	
Rel. Humid. (%)	Mean	58	55	58	60	67	73	83	78	76	75	67	68	68	
	Lowest	16	14	11	9	12	21	42	38	23	10	16	18	9	
	Date	31	04	09	04	05	01	14	27	25	30	20	06	04/04	
(0.1mm)	Precip.	00-24h Total	10	659	574	893	1577	286	3779	319	264	2499	158	621	11639
		09-09h Total													
	Highest	1 Daily	4	400	562	319	390	153	1646	123	196	1113	37	274	1646
		Date	18	13	05	16	15	15	05	25	27	02	14	22	07/05
	6 6 - Hour	Date	4	383	466	397	318	113	956	123	137	1218	37	287	1218
		Date	18	13	05	17	15	15	05	25	27	03	14	22	10/03
	1 60 - Minute	Date				90	99	85	280	53	48	468			468
		Date				16	05	11	01	25	27	03			10/03
	10 10 - Minute	Date				24	25	45	97	17	43	110			110
		Date				16	05	11	05	02	02	03			10/03
2 2 - Day	Date		611		605	498	155	1988	169	197	2067	41	485	2067	
	Date		12 - 13		16 - 17	02 - 03	14 - 15	04 - 05	25 - 26	27 - 28	02 - 03	02 - 03	21 - 22	10/02 - 10/03	
3 3 - Day	Date		623		639		21	837					486	837	
	Date		11 - 14		16 - 18		22 - 24	30 - 02					21 - 23	06/30 - 07/02	
(0.1mm)	Evapor.	Small	Total												
			Highest												
	Large	Total													
		Highest													
(0.1%)	Wind	Mean Speed	15	18	17	20	19	15	15	14	14	13	14	14	
		Highest Speed	84	68	72	82	98	58	55	55	65	55	55	64	98
		Highest Dir.	WNW	SW	SSW	SW	WNW	SW	NE	NE	SSW	WNW	NNW	WNW	WNW
		Date	19	25	29	17	04	17	05	02	01	08	20	01	05/04
		Highest Gust Speed	138	125	119	139	173	92	93	107	125	105	101	107	173
		Highest Gust Dir.	WNW	WSW	SSW	SSW	WNW	WSW	NNW	SW	SSW	WNW	N	NNW	WNW
		Date	19	25	29	17	04	14	05	31	01	08	20	01	05/04
		Resultant Speed	6	8	7	6	8	6	2	5	6	7	3	6	3
		Resultant Dir.	WNW	W	WSW	SW	WSW	WSW	SW	NNW	NNE	NNE	NNW	NNW	WNW
		Cloud Amount (0.1)		Mean											
		Mean Low Mid.													
Sunshine		Total(0.1hr)	2031	1997	2506	2205	2643	2398	1745	2537	2210	1928	1669	1688	25557
		Perc.(0.1%)	664	638	675	557	599	541	388	602	593	555	548	567	573
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
		Date													
Grass Min. Temp. (0.1)		Mean	-118	-84	-22	33	89	142	210	212	145	48	-33	-73	46
		Lowest	-215	-175	-102	-50	43	85	180	103	58	-94	-160	-143	-215
		Date	24	07	01	05	05	03	19	27	21	30	11	16	01/24
(0.1)	Mean Soil Temp.	Surface	-20	8	70	153	209	268	292	325	262	167	64	8	151
		0.05m Underground													
		0.1m "													
		0.2m "													
		0.3m "													
		0.5m "													
		1.0m "													
		1.5m "													
		3.0m "													
		5.0m "													
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed (0.1%)	NNE	32	34	38	41	30	29	36	41	41	41	36	34	41
		NE	38	21	29	47	38	30	45	48	37	44	37	46	48
		ENE	22	12	25	32	19	23	25	21	20	30	27	23	32
		E	12	26	12	16	24	19	16	28	24	23	30	12	30
		ESE	12	33	13	22	19	29	25	22	38	16	20	26	38
		SE	15	25	18	16	20	31	25	13	35	14	21	19	35
		SSE	34	32	36	24	60	30	30	13	30	19	32	31	60
		S	34	47	48	41	48	41	39	19	27	30	40	33	48
		SSW	37	58	68	54	73	43	44	25	61	36	44	29	73
		SW	37	53	57	74	80	48	40	40	29	27	46	37	80
		WSW	35	57	45	69	64	39	32	48	35	30	36	36	69
		W	40	50	43	49	71	36	35	30	25	44	35	36	71
		WNW	78	60	56	56	86	50	30	35	23	39	38	54	86
		NW	58	54	56	61	77	36	22	45	21	40	36	49	77
	NNW	21	34	46	31	30	26	30	25	21	40	53	34	53	
	N	31	40	53	48	34	40	33	40	38	33	49	40	53	
	Hourly Occurrence Percentage (0.1%)	CALM	243	198	210	124	134	131	184	194	174	186	171	169	177
		NNE	55	42	46	82	63	63	75	172	192	157	90	117	96
		NE	86	46	42	94	66	53	113	116	159	153	113	98	95
		ENE	21	16	24	25	23	32	24	13	47	51	43	67	32
		E	9	23	12	17	17	14	15	13	24	24	21	19	17
		ESE	17	29	31	17	23	19	17	19	29	26	39	26	24
		SE	50	50	50	44	46	29	23	27	35	39	39	36	39
		SSE	40	66	40	28	39	56	40	11	22	24	35	42	37
		S	40	39	86	68	85	90	87	15	21	15	64	19	52
		SSW	38	55	75	122	106	86	103	31	33	23	53	23	62
		SW	64	82	91	164	112	143	134	62	33	30	31	32	81
		WSW	31	46	38	47	62	64	42	62	18	27	19	38	41
W		56	63	62	50	44	71	31	55	29	31	42	44	48	
WNW		122	138	78	46	59	46	23	51	24	50	70	91	66	
NW	67	56	38	19	40	28	12	51	24	43	57	68	42		
NNW	28	13	35	13	32	28	19	34	36	38	40	51	31		
N	31	39	43	40	48	49	56	75	98	82	74	60	58		
Number of Days With Classified	Daily Max. Temp.	0.0	9	3										4	16
		0.1 ~ 10.0	21	24	9							1	14	23	92
		10.1 ~ 20.0	1	2	21	11	4			1	1	10	15	4	70
		20.1 ~ 30.0			1	19	24	25	15	5	26	20	1		136
	Daily Mean Temp.	30.1					3	5	16	25	3				52
		-5.0	14	7										5	26
		-4.9 ~ 0.0	13	14	4								7	13	51
		0.1 ~ 10.0	4	7	22	2						3	15	13	66
	Daily Min. Temp.	10.1 ~ 20.0		1	5	28	28	3	2	4	10	28	7		116
		20.1					3	27	29	27	20				106
		-15.0	6	3											9
		-14.9 ~ -5.0	20	17	5								8	18	68
	Daily Precip.	-4.9 ~ 0.0	3	7	14							3	10	10	47
		0.1 ~ 10.0	2	2	12	26	10				1	18	12	3	86
		10.1				4	21	30	31	31	29	10			156
		0.1mm	3	8	2	8	9	9	15	8	5	9	9	7	92
	60 - Minute Max. Precip.	10.0mm		2	1	3	5	2	7	1	1	3		2	27
		30.0mm		1	1	1	3		4			3			13
		80.0mm							2		2	2			4
		100.0mm							1			1			2
	10 - Minute Max. Precip.	1.0mm				6	7	2	12	5	2	4			38
		6.0mm				2	3	2	6			3			16
		10.0mm							3			2			5
		20.0mm							2			2			4
Daily Max. New Snowfall	30.0mm							2			1			1	
	0.1mm				8	9	9	15	8	5	9			63	
	1.0mm				4	6	2	11	2	2	3			30	
	5.0mm							2			2			4	
Daily Max. Snow Depth	10.0mm										1			1	
	0.1cm														
	5.0cm														
	10.0cm														
Daily Min. Rel. Humid.	30.0cm														
	20%	3	11	11	10	5					1	1	1	43	
	21 ~ 30%	18	9	10	9	10	3				3	5	11	8	
	31 ~ 40%	5	4	5	6	6	8				3	6	6	4	
Daily Max. Wind speed	41 ~ 50%	1	2	2	2	5	10	6	3	11	15	11	5	6	
	51 ~ 70%	4	1	3	1	3	9	18	16	7	6	5	11	84	
	71%		2		2	2		7	1	2	2	2	1	21	
	0.5 ~ 3.3%	8	3	2		8	3	12	21	16	13	12	12	110	
Daily Max. Wind speed	3.4 ~ 7.9%	22	26	29	29	21	27	19	10	14	18	18	19	252	
	8.0 ~ 13.8%	1			1	2								4	
	13.9%														

Element		1	2	3	4	5	6	7	8	9	10	11	12	
Number of Days With Phenomena	Snow													
	Sleet													
	Snow Pellet													
	Hail													
	Fog													
	Frost													
	Freezing													
	Haze													
	Yellow Sand													
	Thunder Storm													
Sunshine (0%)	3	1	2	3	2	0	5	1	2	4	3	3	29	
< 20%	4	6	3	5	5	5	9	3	3	5	7	6	61	
80%	15	15	13	9	14	6	2	10	6	7	11	12	120	
Cloud Amount	2.4													
2.5 ~ 5.4														
5.5 ~ 7.4														
7.5														
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10252	10248	10231	10150	10091	10104	10087	10088	10081	10165	10234	10239
		2nd	10229	10199	10212	10138	10152	10055	10052	10053	10153	10214	10204	10258
		3rd	10290	10288	10207	10119	10102	10069	10089	10038	10171	10207	10264	10259
	Mean Temp. (0.1)	1st	- 12	- 44	42	115	159	205	228	277	227	164	68	4
		2nd	- 69	19	47	119	172	214	237	278	216	140	74	- 6
		3rd	- 67	- 10	71	144	189	226	264	229	190	110	1	- 15
	Mean Max.Temp. (0.1)	1st	44	42	96	193	225	280	282	338	289	233	132	67
		2nd	- 3	73	123	201	259	273	288	335	283	222	143	59
		3rd	- 3	46	153	218	258	286	309	286	258	173	58	32
	Mean Min.Temp. (0.1)	1st	- 64	- 128	- 11	47	101	144	187	232	184	109	14	- 56
		2nd	- 127	- 30	- 21	56	99	173	198	239	166	82	17	- 58
		3rd	- 133	- 66	- 2	84	134	176	237	181	141	56	- 51	- 61
	Mean D.P.Temp. (0.1)	1st	- 80	- 148	- 45	20	86	130	193	233	188	110	6	- 58
		2nd	- 141	- 52	- 29	37	84	170	195	238	158	97	16	- 65
		3rd	- 158	- 102	- 27	46	121	173	235	175	137	57	- 72	- 66
	Mean Vapor Press (0.1hPa)	1st	37	21	50	75	116	151	224	287	218	138	72	42
		2nd	23	49	52	82	112	194	228	294	183	123	73	41
		3rd	20	30	52	88	143	199	290	207	159	99	38	41
	Mean Rel. Humid. (%)	1st	64	49	57	59	67	66	82	79	81	74	67	66
		2nd	59	64	62	62	62	78	80	81	73	79	70	67
3rd		52	53	56	57	69	74	85	74	75	73	62	71	
Mean Wind Speed (0.1m/s)	1st	13	13	20	19	24	13	15	11	14	17	18	14	
	2nd	16	21	14	21	17	16	15	12	17	9	12	12	
	3rd	15	19	18	20	15	15	14	18	11	14	13	16	
Total Precip. (0.1mm)	1st			562	51	863	3	2822	36	66	2096	64	128	
	2nd	7	640	12	649	395	259	502	30	1	9	59	5	
	3rd	3	19	0	193	319	24	455	253	197	394	35	488	
Total Evaporation (0.1mm)	1st													
	2nd													
	3rd													
Total Sunshine (0.1hr)	1st	650	837	644	713	617	957	651	1050	697	747	565	632	
	2nd	658	469	825	814	1165	760	624	725	871	725	623	572	
	3rd	723	691	1037	678	861	681	470	762	642	456	481	484	
Mean Cloud Amount (0.1)	1st													
	2nd													
	3rd													
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 30					19				26			
		Max. Temp. < 25				26					05		131(54)	
		Mean Temp. < 25							09	24			163(132)	
		Min. Temp. < 25								14 - 14			47(40)	
	Continue	Max. Temp. < 30							29	25				
		Max. Temp. < 25							18	27			28	
		Mean Temp. < 25							20	24			41	
		Min. Temp. < 25								14 - 14			36	
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6
	Genesis	Max. Temp. < 0							17	15				
Mean Temp. < 0										11				
Min. Temp. < 0					28					27				
Frost														
Continue	Max. Temp. < 0							18 - 25						
	Mean Temp. < 0							05 - 28						
	Min. Temp. < 0							04	11					
	Frost													
Snow														
Snow Cover														
Snow														
Snow Cover														

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Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	9282	9286	9288	9240	9234	9216	9230	9215	9272	9305	9305	9301	9265
		Mean Sea Level	10240	10233	10212	10133	10108	10077	10081	10064	10142	10201	10229	10244	10164
		Highest	10342	10354	10310	10250	10297	10175	10168	10164	10249	10320	10367	10367	10367
		Date	28	25	01	15	14	06	06	27	21	30	29	30	12/30
		Lowest	10048	9999	10066	9814	9833	9946	9974	9816	9918	10049	10086	10025	9814
		18	13	18	17	03	24	13	31	01	03	05	22	04/17	
(0.1)	Air Temp.	Mean	- 71	- 41	19	89	140	172	201	205	159	98	25	- 27	81
		Mean Max.	- 21	8	75	157	211	230	244	257	206	152	74	23	135
		Mean Min.	- 121	- 92	- 36	25	64	119	167	161	123	52	- 30	- 87	29
		Highest	68	137	179	233	274	278	302	324	258	228	151	116	324
		Date	03	13	31	25	28	18	09	12	05	03	14	22	08/12
		Lowest	- 230	- 180	- 173	- 28	3	31	106	73	69	- 25	- 102	- 217	- 230
		24	03	01	01	14	02	22	27	23	30	29	16	01/24	
(0.1hPa)	Vapor Press.	Mean	23	31	43	68	92	147	203	203	161	103	57	38	97
		Highest	59	128	116	135	160	210	271	269	234	199	119	124	271
		Date	02	13	05	21	24	30	31	14	05	03	14	22	07/31
		Lowest	5	9	14	22	25	53	129	101	99	25	15	9	5
		24	07	01	16	05	04	22	27	23	31	24	16	01/24	
(0.1) Mean D.P.Temp.		- 144	- 108	- 55	8	51	124	176	175	139	68	- 23	- 76	28	
Rel. Humid. (%)	Mean	59	63	63	63	61	77	86	85	89	84	73	72	73	
	Lowest	13	16	13	8	8	20	35	27	32	18	18	15	8	
	Date	11	22	17	16	05	04	09	05	16	13	02	02	05/05	
(0.1mm)	Precip.	00~24h Total	26	390	184	845	468	643	4213	2604	1021	783	133	530	11840
		09~09h Total													
	Highest	1 Daily	26	122	148	248	235	144	999	1525	306	215	78	192	1525
		Date	29	28	05	07	10	14	04	28	04	05	06	21	08/28
	6 6 - Hour		14	107	127	215	111	129	581	1028	306	194	35	244	1028
		Date	30	28	05	17	10	15	06	28	05	05	06	22	08/28
	1 60 - Minute					57	30	78	271	330	215	54			330
		Date				16	10	14	05	28	04	25			08/28
	10 10 - Minute					14	8	59	103	99	61	33			103
		Date				18	15	12	01	28	04	03			07/01
2 2 - Day			197	29	272	249	224	1987	1851	388	226	94	350	1987	
	Date		12 - 13	23 - 24	16 - 17	10 - 11	14 - 15	04 - 05	28 - 29	04 - 05	04 - 05	06 - 07	21 - 22	07/04 - 07/05	
3 3 - Day			200		326	92	320	2210	1948	418	298	109		2210	
	Date		12 - 14		16 - 18	02 - 04	12 - 15	04 - 06	28 - 31	02 - 05	02 - 05	06 - 08		07/04 - 07/06	
(0.1mm)	Evapor.	Total													
		Highest													
(0.1mm)	Small	Total													
		Highest													
(0.1mm)	Large	Total													
		Highest													
(0.1%)	Wind	Mean Speed	49	43	35	43	39	26	27	25	20	24	34	38	34
		Highest Speed	166	122	125	162	208	95	84	157	136	104	111	146	208
		Highest Dir.	W	W	W	W	W	W	W	W	W	W	W	W	W
		Date	19	18	02	17	03	25	27	31	01	08	30	01	05/03
		Highest Gust Speed	252	194	192	239	319	139	124	257	198	171	184	230	319
		Highest Gust Dir.	W	WNW	WNW	W	W	WNW	W	W	W	W	W	W	W
		Date	19	26	02	17	04	25	26	31	01	03	05	01	05/04
		Resultant Speed	43	36	23	24	22	6	9	3	7	5	24	31	18
		W	W	W	W	W	WNW	WNW	NNE	ENE	NW	W	W	W	
Cloud Amount (0.1)		Mean													
		Mean Low Mid.													
Sunshine		Total(0.1hr)	2277	2100	2211	2527	3213	2778	2062	2538	1600	1858	2116	1914	27194
		Perc.(0.1%)	743	670	595	638	729	628	460	603	429	534	694	641	609
(0.01MJ/m) Total Horizontal Radiation			30119	34778	45205	54577	69647	61106	47765	54088	32485	30249	27514	23662	511195
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
		Total											15	15	
Grass Min. Temp. (0.1)	Mean	- 151	- 104	- 63	- 4	42	105	163	160	123	39	- 45	- 54	18	
	Lowest	- 245	- 216	- 138	- 77	- 15	19	101	67	67	- 46	- 113	- 132	- 245	
	Date	24	03	01	01	14	02	22	27	23	30	26	11	01/24	
(0.1)	Mean Soil Temp.	Surface	- 55	- 20	31	112	176	226	236	255	185	117	33	- 5	108
		0.05m Underground													
		0.1m "													
		0.2m "													
		0.3m "													
		0.5m "													
		1.0m "													
		1.5m "													
		3.0m "													
5.0m "															
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	6	24	49	55	62	16	47	58	16	35	23	12	62
		NE	33	25	20	35	39	30	34	64	57	33	39	21	64
		ENE	41	32	50	54	54	44	49	68	57	60	41	42	68
		E	42	59	56	57	49	56	54	52	52	45	44	41	59
		ESE	33	43	40	62	49	51	48	48	45	47	42	31	62
		SE		14	30	41	34	44	40	34	28	39	27	14	44
		SSE		22	8		29	12	27	6	9	24	7	11	29
		S	5	18	20		14	8	26	13	32	7	7		32
		SSW	35	32	49	79	60	29	16	9	27	53	26	19	79
		SW	25	28	80	68	106	23	30	17	62	16	33	50	106
		WSW	87	86	82	69	103	59	53	49	70	79	73	69	103
		W	157	112	114	154	194	94	74	144	91	93	104	144	194
		WNW	95	88	115	110	172	64	62	57	47	67	86	113	172
		NW	46	86	42	44	60	51	49	29	33	62	58	60	86
	NNW	30	36	33	37	30	36	33	38	27	35	36	37	38	
	(0.1%)	N	5	28	44	28	25	25	20	33	23	46	28	20	46
	Hourly Occurrence Percentage	CALM	54	52	77	71	106	124	97	142	121	97	83	81	92
		NNE	1	7	8	8	15	8	8	17	8	15	8	4	9
		NE	4	7	9	3	19	15	12	28	27	15	7	5	13
		ENE	12	19	24	18	45	40	40	77	94	83	32	23	42
		E	51	42	121	161	149	174	203	216	255	162	83	62	140
		ESE	26	35	50	97	49	85	57	91	108	101	38	15	62
		SE		3	5	17	5	19	7	16	17	26	4	7	10
		SSE		7	1		7	6	3	3	1	4	1	3	3
		S	1	3	4		1	4	4	1	8	3	1		3
		SSW	4	6	5	6	9	4	4	4	13	8	10	7	7
		SW	5	10	8	21	22	10	7	11	14	13	13	12	12
		WSW	72	92	73	51	51	42	38	28	30	32	57	62	52
W		546	472	330	335	276	211	207	133	76	190	360	401	295	
WNW		138	124	164	131	156	107	186	56	80	97	133	179	129	
NW	63	59	69	49	47	58	55	59	49	73	100	91	64		
NNW	20	43	36	26	32	67	51	75	72	44	50	38	46		
(0.1%)	N	1	20	15	7	11	25	22	40	27	38	19	12	20	
Number of Days With Classified	Daily Max. Temp.	0.0	22	16	1								1	9	49
		0.1 ~ 10.0	9	11	17	3						4	21	20	85
		10.1 ~ 20.0		2	13	24	11	3	3	6	12	25	8	2	109
		20.1 ~ 30.0				3	20	27	27	20	18	2			117
	Daily Mean Temp.	-5.0	21	13	2								1	10	47
		-4.9 ~ 0.0	7	13	9								9	10	48
		0.1 ~ 10.0	3	3	20	16	3				18	19	11		93
		10.1 ~ 20.0				14	28	28	15	6	29	13	1		134
	Daily Min. Temp.	20.1						2	16	25					43
		-15.0	10	4	1									7	22
		-14.9 ~ -5.0	17	22	7								12	14	72
		-4.9 ~ 0.0	4	1	18	9						2	9	10	53
	Daily Precip.	0.1 ~ 10.0		2	5	21	27	8		2	6	24	9		104
		10.1					4	22	31	29	24	5			115
		0.1mm	1	9	5	10	10	8	13	14	16	15	6	9	116
		10.0mm		2	1	3	1	3	8	4	3	3		3	31
	60 - Minute Max. Precip.	30.0mm							4	3	1				8
		80.0mm							3	1					4
		100.0mm								1					1
		1				7	8	6	10	9	8	7			55
	10 - Minute Max. Precip.	6.0mm						2	8	5	2				17
		10.0mm							6	2	1				9
		20.0mm							1	1	1				3
		30.0mm									1				1
Daily Max. New Snowfall	0.1mm				10	10	8	13	14	16	15			86	
	1.0mm				4		6	9	7	6	3			35	
	5.0mm						1	4	2	1				8	
	10.0mm								1					1	
Daily Max. Snow Depth	0.1cm														
	5.0cm														
	10.0cm														
	20.0cm														
Daily Min. Rel. Humid.	30.0cm														
	20%	6	3	6	8	9	1				1	1	3	38	
	21 ~ 30%	6	9	8	9	9	1			1	3	4	6	56	
	31 ~ 40%	9	5	5	3	8	8	3	2	3	1	6	2	55	
Daily Max. Wind speed	41 ~ 50%	6	7	5	5	1	5		5	4	7	7	6	58	
	51 ~ 70%	3	3	3	3	4	13	16	18	11	11	9	8	102	
	71%	1	2	4	2		2	12	5	12	8	3	6	57	
	0.5 ~ 3.3%			1					1	1		1		4	
Daily Max. Wind speed	3.4 ~ 7.9%	14	14	20	18	17	28	28	28	28	28	18	15	256	
	8.0 ~ 13.8%	13	15	10	8	12	2	3	1	1	3	11	15	94	
	13.9%	4			4	2			1				1	12	

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Number of Days With Phenomena	Snow															
	Sleet															
	Snow Pellet															
	Hail															
	Fog															
	Frost															
	Freezing															
	Haze															
	Yellow Sand															
	Thunder Storm															
Sunshine (0%)	2	0	0	1	0	0	0	0	0	0	0	0	0	3		
< 20%	3	3	4	3	1	0	3	2	4	4	3	5	5	35		
80%	20	12	10	11	18	6	5	7	3	7	15	14	14	128		
Cloud Amount	2.4															
2.5 ~ 5.4																
5.5 ~ 7.4																
7.5																
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10231	10240	10228	10146	10074	10110	10092	10097	10087	10169	10229	10225		
		2nd	10212	10191	10208	10129	10151	10051	10061	10056	10166	10221	10202	10257		
		3rd	10274	10271	10202	10124	10100	10070	10091	10043	10177	10212	10256	10250		
	Mean Temp. (0.1)	1st	-31	-67	0	82	132	155	192	218	180	126	34	-18		
		2nd	-91	-15	16	91	133	182	190	230	155	102	57	-28		
		3rd	-88	-40	40	95	154	179	220	169	140	70	-16	-35		
	Mean Max.Temp. (0.1)	1st	6	-6	53	151	199	223	239	280	226	168	80	34		
		2nd	-29	29	68	161	208	236	227	283	196	174	113	22		
		3rd	-38	1	100	159	226	232	263	211	194	118	30	15		
	Mean Min.Temp. (0.1)	1st	-71	-133	-51	17	70	88	155	170	151	88	-11	-79		
		2nd	-154	-63	-40	27	45	135	159	188	125	43	-12	-91		
		3rd	-136	-78	-17	31	77	135	186	130	94	28	-67	-90		
	Mean D.P.Temp. (0.1)	1st	-113	-142	-59	3	40	95	165	184	159	101	-11	-93		
		2nd	-157	-69	-65	3	36	136	169	200	136	66	5	-70		
		3rd	-160	-114	-43	18	76	142	191	144	119	39	-63	-68		
	Mean Vapor Press (0.1hPa)	1st	29	22	44	65	85	123	189	213	182	128	60	33		
		2nd	20	42	40	66	82	157	194	234	158	100	67	40		
		3rd	21	27	45	73	107	163	223	167	141	85	42	41		
	Mean Rel. Humid. (%)	1st	56	59	68	63	59	71	86	83	89	86	74	62		
		2nd	62	69	60	60	59	77	89	85	90	82	72	75		
3rd		59	60	61	64	65	81	84	86	89	83	73	79			
Mean Wind Speed (0.1m/s)	1st	59	36	39	39	57	21	26	18	22	28	40	48			
	2nd	44	50	34	51	33	30	23	21	22	20	34	31			
	3rd	44	44	33	38	29	26	33	36	17	24	28	34			
Total Precip. (0.1mm)	1st	0	31	148	298	338	0	2982	213	501	367	109	24			
	2nd	0	202	6	333	84	320	1091	31	442	39	17	112			
	3rd	26	157	30	214	46	323	140	2360	78	377	7	394			
Total Evaporation (0.1mm)	1st															
	2nd															
	3rd															
Total Sunshine (0.1hr)	1st	825	869	630	797	820	992	639	1005	568	569	751	733			
	2nd	747	596	736	857	1217	879	599	907	485	779	792	604			
	3rd	705	635	845	873	1176	907	824	626	547	510	573	577			
Mean Cloud Amount (0.1)	1st															
	2nd															
	3rd															
First and Last of Seasonal Phenomena	Genesis	Max. Temp. 30							09	13					36(6)	
		Max. Temp. 25					02				16				138(50)	
		Mean Temp. 25								13 - 13					1(1)	
		Min. Temp. 25													(0)	
	Continue	Max. Temp. 30								11 - 13					3	
		Max. Temp. 25								10 - 25					16	
		Mean Temp. 25								13 - 13					1	
		Min. Temp. 25														
	'15.7 - '16.6 Low Temp. Phenomena		'15	7	8	9	10	11	12	'16	1	2	3	4	5	6
	Genesis	Max. Temp. < 0						26				01				97(50)
Mean Temp. < 0							25				24				121(92)	
Min. Temp. < 0					13							29			200(136)	
Frost																
Freezing																
Continue	Snow															
	Snow Cover															
	Max. Temp. < 0								18 - 27						10	
	Mean Temp. < 0								05	10					37	
	Min. Temp. < 0								15	11					59	
Frost																
Freezing																
Snow																
Snow Cover																

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Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10155	10144	10120	10043	10023	9987	9993	9974	10051	10106	10139	10155	10074
		Mean Sea Level	10255	10243	10216	10135	10114	10076	10081	10062	10141	10199	10235	10252	10167
		Highest	10353	10362	10305	10243	10263	10149	10160	10140	10250	10334	10359	10363	10363
		Date	01	25	01	19	14	06	07	27	21	30	29	30	12/30
		Lowest	10094	9994	10083	9855	9887	9959	9981	9855	9966	10065	10111	10052	9855
	Date	18	13	18	17	03	24	01	31	01	03	19	22	08/31	
(0.1)	Air Temp.	Mean	-47	-12	59	140	189	234	252	265	212	146	54	1	124
		Mean Max.	11	48	127	212	259	290	294	318	266	203	107	49	182
		Mean Min.	-101	-69	-5	73	123	184	220	225	174	102	5	-43	74
		Highest	72	101	221	280	316	320	342	357	308	281	190	105	357
		Date	03	11	31	26	19	10	22	12	05	03	19	05	08/12
		Lowest	-201	-147	-119	18	71	127	175	130	95	-16	-82	-117	-201
	Date	24	02	01	05	05	02	06	27	21	30	24	16	01/24	
(0.1hPa)	Vapor Press.	Mean	29	35	54	87	131	197	266	269	200	131	69	47	126
		Highest	79	116	118	178	228	304	382	382	293	234	146	106	382
		Date	03	13	06	21	02	22	30	13	03	03	13	22	08/13
		Lowest	7	13	17	37	55	86	185	112	95	24	17	14	7
		Date	24	01	01	14	20	02	19	26	20	30	24	16	01/24
(0.1) Mean D.P.Temp.		-115	-90	-26	43	104	170	219	219	172	102	4	-44	63	
Rel. Humid. (%)	Mean	64	60	60	58	65	71	84	79	81	79	74	75	71	
	Lowest	14	17	13	13	11	23	36	32	30	12	19	20	11	
	Date	31	26	17	14	19	02	19	26	20	10	23	01	05/19	
(0.1mm)	Precip.	00-24h Total	4	548	496	980	1091	932	6171	332	762	1082	149	791	13338
		09-09h Total	4	548	496	980	1091	932	6171	332	762	1082	150	790	13338
	Highest	1 Daily	3	240	472	330	318	539	2416	106	288	438	58	439	2416
		Date	16	12	05	16	03	22	05	26	08	03	10	22	07/05
	6 6 - Hour	Date	3	146	370	414	187	539	1351	107	286	415	57	364	1351
		Date	16	12	05	17	24	22	05	26	08	03	10	22	07/05
	1 60 - Minute	Date				94	53	418	463	91	190	283			463
		Date				16	15	22	23	01	08	03			07/23
	10 10 - Minute	Date				20	18	149	189	41	147	148			189
		Date				17	15	22	24	01	08	03			07/24
2 2 - Day	Date		414		575	396	541	2846	170	459	669	77	679	2846	
	Date		12 - 13		16 - 17	02 - 03	22 - 23	04 - 05	25 - 26	07 - 08	02 - 03	10 - 11	21 - 22	07/04 - 07/05	
3 3 - Day	Date		472		607	451	631	2864	312	471			63	2864	
	Date		12 - 14		16 - 18	02 - 06	22 - 24	04 - 06	27 - 01	07 - 09			07 - 09	07/04 - 07/06	
(0.1mm)	Evapor.	Total	319	397	791	1190	1418	1553							
		Highest	20	25	38	63	69	77							
	Small	Date	31	23	30	26	30	22							
		Total				903	1123	1215							
Large	Highest				54	64	67								
	Date				26	20	22								
(0.1%)	Wind	Mean Speed	12	14	14	18	16	14	13	15	12	12	10	11	13
		Highest Speed	80	65	64	72	85	42	53	57	66	54	42	60	85
		Highest Dir.	WSW	WSW	SSW	WSW	W	NNW	NW	W	SSE	ENE	WSW	WSW	W
		Date	18	23	29	17	04	22	05	01	01	20	11	01	05/04
		Highest Gust Speed	123	123	123	128	159	77	91	123	120	97	91	101	159
		Highest Gust Dir.	WSW	WSW	WSW	SSW	W	NE	NNW	SW	SSW	ENE	ENE	W	W
		Date	18	23	29	18	04	01	05	01	01	23	06	01	05/04
		Resultant Speed	5	8	4	5	7	6	5	7	7	4	1	3	4
		Resultant Dir.	WSW	WSW	W	WSW	W	WNW	NW	NNW	N	NNW	WSW	W	WNW
		Cloud Amount (0.1)	Mean	35	38	42	48	48	52	74	48	61			
	Mean Low Mid.	22	25	25	27	27	35	46	32	36				31	
Sunshine	Total(0.1hr)	1867	1819	2280	2319	2625	2412	1529	2208	1756	1753	1370	1277	23215	
	Perc.(0.1%)	610	581	614	585	595	545	340	524	471	504	450	429	520	
(0.01MJ/m) Total Horizontal Radiation		25000	28661	43379	50349	59412	57330	41764	52353	39101	31056	21210	19696	469311	
Snow (0.1cm)	Highest	Snow Depth	5	42	28										42
		Date	14	29	01										02/29
		Snowfall	5	42											42
		Date	13	28											02/28
	Total	5	72											77	
Grass Min. Temp. (0.1)	Mean	-159	-124	-60	31	86	154	204	205	145	59	-45	-88	34	
	Lowest	-254	-223	-188	-44	13	82	170	106	47	-61	-134	-161	-254	
	Date	24	03	01	05	05	02	06	27	21	30	24	30	01/24	
(0.1)	Mean Soil Temp.	Surface	-26	2	70	156	214	269	275	304	236	163	63	8	145
		0.05m Underground	-15	-7	52	148	206	260	271	302	238	172	75	14	143
		0.1m "	-15	-7	51	146	205	259	270	301	238	172	76	15	143
		0.2m "	-6	-5	47	142	201	254	267	301	241	179	86	24	144
		0.3m "	3	-1	47	140	198	252	267	301	244	186	97	33	147
		0.5m "	18	6	46	128	184	239	261	297	247	195	112	48	148
		1.0m "	57	37	51	108	158	206	238	271	248	211	153	93	153
		1.5m "	81	64	63	97	138	180	219	247	242	217	176	127	154
		3.0m "	140	123	111	113	128	148	181	201	209	205	191	168	160
		5.0m "	164	157	152	146	143	145	154	165	173	179	178	174	161
(0.01hr) Dur. of Precip.		2167	9326	2365	5856	8975	4117	14123	6099	5871				58899	
(0.01hr) Dur. of Fog		1482	2734	575	800			558						6149	

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Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed (0.1%)	NNE	24	14	25	23	33	41	21	42	31	38	25	18	42
		NE	23	16	35	43	14	30	34	42	39	38	36	10	43
		ENE	35	12	42	47	32	29	32	33	38	47	31	8	47
		E	12	12	26	39	12	21	37	13	33	10	12	14	39
		ESE	14	10	23	16	8	13	14	11	12	12	19	12	23
		SE	15	14	16	19	12	10	15	21	26	15	19	22	26
		SSE	27	42	22	51	21	23	21	19	20	23	35	30	51
		S	33	41	45	42	54	25	20	31	36	20	30	26	54
		SSW	41	42	54	53	53	36	26	42	12	27	36	34	54
		SW	49	48	45	61	48	36	34	43	22	35	36	40	61
		WSW	75	54	58	67	73	39	30	29	27	48	41	45	75
		W	54	54	46	49	85	31	27	31	18	37	16	42	85
		WNW	52	27	28	35	50	41	20	25	22	30	19	46	52
		NW	37	46	31	29	22	31	44	39	22	35	32	43	46
	NNW	32	45	45	28	41	34	39	50	30	44	33	43	50	
	N	29	47	35	30	38	34	27	29	27	31	27	26	47	
	Hourly Occurrence Percentage (0.1%)	CALM	294	224	148	76	73	69	121	47	129	159	263	195	150
		NNE	70	70	101	76	77	57	60	116	131	86	74	85	84
		NE	28	23	48	44	26	36	46	54	83	78	64	32	47
		ENE	20	13	27	67	27	19	39	26	44	34	35	31	32
		E	31	14	17	18	17	13	17	11	26	27	32	32	21
		ESE	28	24	17	15	4	13	15	17	15	27	46	38	22
		SE	23	20	13	11	15	8	12	9	24	30	29	36	19
		SSE	24	20	24	25	19	18	23	9	11	23	44	20	22
		S	39	56	40	53	52	32	23	12	18	20	46	38	36
		SSW	67	70	50	89	67	50	38	30	10	38	43	48	50
		SW	107	128	116	124	108	113	69	66	25	71	67	83	89
WSW		91	125	70	92	105	143	86	58	50	43	38	42	78	
W		39	57	35	40	56	46	40	35	22	40	13	42	39	
WNW	19	22	46	32	46	51	55	35	35	39	35	28	37		
NW	16	24	38	43	48	60	86	86	63	42	43	42	49		
NNW	31	45	93	88	132	119	147	190	135	126	49	87	104		
N	72	63	117	107	129	153	124	200	179	118	82	122	122		
Number of Days With Classified	Daily Max. Temp.	0.0	11	2											13
		0.1 ~ 10.0	20	26	11						1	1	14	30	102
		10.1 ~ 20.0		1	18	10	4					10	16	1	61
		20.1 ~ 30.0			2	20	24	20	16	5	29	20			
	Daily Mean Temp.	30.1					3	10	15	25	1				54
		-5.0	14	4											19
		-4.9 ~ 0.0	12	14	4								4	14	48
		0.1 ~ 10.0	5	11	22	1						3	19	16	77
	Daily Min. Temp.	10.1 ~ 20.0			5	29	21		1	4	10	27	7		104
		20.1					10	30	30	27	20	1			118
		-15.0	7												7
		-14.9 ~ -5.0	18	20	3								5	14	60
	Daily Precip.	-4.9 ~ 0.0	6	7	12							1	8	15	49
		0.1 ~ 10.0		2	16	24	8				1	13	16	2	82
		10.1				6	23	30	31	31	29	17	1		168
		0.1mm	2	7	2	8	10	8	18	9	11	8	10	10	103
	60 - Minute Max. Precip.	10.0mm		2	1	4	4	3	8	2	3	3		2	32
		30.0mm			1	1	2	1	6		2			1	14
		80.0mm							2						2
		100.0mm							2						2
10 - Minute Max. Precip.	1.0mm				6	8	5	16	5	9	5			54	
	6.0mm				2		3	8	1	2	3			19	
	10.0mm						2	6		2	1			11	
	20.0mm						1	4			1			6	
Daily Max. New Snowfall	30.0mm						1	3						4	
	0.1mm				8	10	8	18	9	11	8			72	
	1.0mm				4	4	4	12	3	4	3			34	
	5.0mm						2	5		2	1			10	
Daily Max. Snow Depth	10.0mm						1	3		1	1			6	
	0.1cm	1	2											3	
	5.0cm														
	10.0cm														
Daily Min. Rel. Humid.	30.0cm			1										7	
	0.1cm	2	4	1											
	5.0cm														
	10.0cm														
Daily Max. Wind speed	20%	4	6	8	12	6					2	2	1	41	
	21 ~ 30%	13	11	11	9	14	5				1	2	7	78	
	31 ~ 40%	6	5	6	3	5	9	4		6	4	7	5	66	
	41 ~ 50%	2	2	3	5	1	8	5	15	10	10	5	4	70	
Daily Max. Wind speed	51 ~ 70%	6	4	3	1	3	8	16	10	14	6	9	10	90	
	71%		1			2		6		1	4	2	5	21	
	0.5 ~ 3.3%	14	8	11	6	12	13	21	18	19	23	19	17	181	
	3.4 ~ 7.9%	16	21	20	24	18	17	10	13	11	8	11	14	183	
Daily Max. Wind speed	8.0 ~ 13.8%														
	13.9%	1				1								2	

101 (Chuncheon)

2016

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Number of Days With Phenomena	Snow	5	9	2								1		17		
	Sleet			1								1		2		
	Snow Pellet															
	Hail															
	Fog	4	4	4	2				7			5	4	30		
	Frost	21	17	12	1								17	68		
	Freezing	31	27	18									17	93		
	Haze	3	7	9	8	5	5	2	1	1	4	13		58		
	Yellow Sand				2	2								4		
	Thunder Storm		1	1				2	4	1	7			16		
	Sunshine (0%)	1	1	0	1	2	0	5	2	2	4	3	5	26		
	< 20%	6	6	5	4	4	4	11	5	4	8	12	11	80		
	80%	13	13	10	11	14	5	1	7	3	7	9	7	100		
	Cloud Amount	13	11	11	8	7	7			8	2			67		
2.5 ~ 5.4	10	9	10	9	12	7	7	10	11				85			
5.5 ~ 7.4	5	4	7	9	5	9	6	6	9				60			
7.5	3	5	3	4	7	7	18	7	8				62			
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10251	10247	10232	10148	10090	10104	10092	10091	10087	10167	10237	10238		
		2nd	10226	10202	10211	10137	10151	10054	10057	10054	10160	10218	10207	10261		
		3rd	10287	10283	10205	10121	10102	10070	10093	10041	10177	10210	10262	10257		
	Mean Temp. (0.1)	1st	-17	-39	35	128	169	226	237	281	228	173	71	8		
		2nd	-62	7	57	137	189	237	248	287	215	148	82	-5		
		3rd	-62	-5	83	157	207	239	270	231	193	120	9	-1		
	Mean Max.Temp. (0.1)	1st	40	43	90	202	229	291	282	340	284	229	120	66		
		2nd	-5	56	127	204	271	286	290	342	266	216	141	44		
		3rd	-1	46	162	230	276	293	309	276	248	167	61	38		
	Mean Min.Temp. (0.1)	1st	-64	-112	-14	52	106	164	201	236	191	134	22	-46		
		2nd	-117	-41	-9	72	116	194	214	248	177	100	30	-49		
		3rd	-120	-55	6	95	145	194	242	193	152	76	-35	-35		
	Mean D.P.Temp. (0.1)	1st	-75	-132	-36	36	92	141	206	236	196	130	17	-48		
		2nd	-124	-47	-26	38	88	184	210	242	170	109	40	-43		
		3rd	-144	-89	-16	53	130	186	240	182	152	72	-44	-41		
	Mean Vapor Press (0.1hPa)	1st	38	23	52	83	121	163	244	292	228	156	74	45		
		2nd	27	48	53	84	117	212	251	303	198	132	85	48		
		3rd	23	33	56	93	152	217	300	216	174	107	47	49		
	Mean Rel. Humid. (%)	1st	70	53	65	61	67	63	85	80	84	79	71	71		
		2nd	66	71	61	57	59	75	82	79	79	81	79	78		
		3rd	56	57	56	56	67	75	85	77	80	75	71	77		
	Mean Wind Speed (0.1m/s)	1st	10	11	13	17	18	15	13	13	12	14	13	12		
		2nd	13	15	12	19	17	14	14	13	13	9	9	9		
		3rd	13	16	15	18	15	14	11	18	11	12	9	13		
Total Precip. (0.1mm)	1st		2	472	174	579	0	3966	102	527	736	94	73			
	2nd	4	508	0	611	205	294	652	12	71	3	31	17			
	3rd	0	38	24	195	307	638	1553	218	164	343	24	701			
Total Evaporation (0.1mm)	1st	87	139	174	378	327	576									
	2nd	96	104	240	369	537	497									
	3rd	136	154	377	443	554	480									
Total Sunshine (0.1hr)	1st	573	811	544	773	557	921	468	942	589	661	424	510			
	2nd	613	416	733	833	1136	731	544	716	651	668	548	372			
	3rd	681	592	1003	713	932	760	517	550	516	424	398	395			
Mean Cloud Amount (0.1)	1st	34	15	54	43	67	38	75	33	67						
	2nd	32	58	37	43	28	59	75	48	55						
	3rd	38	42	34	57	48	59	74	61	61						
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 30				19				05				110(54)		
		Max. Temp. < 25			25						04			163(129)		
		Mean Temp. < 25						12			05			86(50)		
		Min. Temp. < 25							24	19				27(9)		
	Continue	Max. Temp. < 30							30	25				27		
		Max. Temp. < 25							18	27				41		
		Mean Temp. < 25							20	25				37		
		Min. Temp. < 25							13 - 16					4		
	'15.7 - '16.6 Low Temp. Phenomena		'15	7	8	9	10	11	12	'16	1	2	3	4	5	6
	Genesis	Max. Temp. < 0							17		29				75(16)	
		Mean Temp. < 0						26				11			107(60)	
		Min. Temp. < 0				29						28			152(109)	
Frost					13							05		176(85)		
Freezing					28									153(116)		
Snow						26								110(24)		
Continue	Max. Temp. < 0					29					01			94(12)		
	Mean Temp. < 0								18 - 25					8		
	Min. Temp. < 0								05 - 28					24		
	Frost							24	01		11			40		
	Freezing							16						9		
	Snow									14 - 16				58		
Snow Cover									28	01			3			

102 (Baengnyeongdo)

2016

Element		1	2	3	4	5	6	7	8	9	10	11	12			
(0.1hPa)	Air Press.	Mean Station	10074	10061	10036	9959	9940	9906	9904	9899	9966	10025	10054	10071	9991	
		Mean Sea Level	10259	10244	10215	10133	10110	10072	10069	10062	10133	10197	10232	10252	10165	
		Highest	10357	10362	10303	10246	10241	10134	10155	10119	10223	10319	10352	10340	10362	
		Date	23	24	01	19	13	06	07	01	21	31	29	29	02/24	
		Lowest	10150	10014	10111	9893	9844	9947	9952	9875	9947	10045	10090	10089	9844	
	Date	18	13	18	16	03	15	16	31	01	25	05	22	05/03		
(0.1)	Air Temp.	Mean	- 19	6	50	103	159	200	227	248	204	150	75	30	119	
		Mean Max.	2	30	82	146	198	235	256	277	239	178	97	56	150	
		Mean Min.	- 38	- 16	24	72	127	173	204	223	180	127	49	7	94	
		Highest	84	92	157	223	268	269	289	315	274	233	164	113	315	
		Date	02	13	31	26	18	02	11	07	05	01	05	04	08/07	
		Lowest	- 142	- 71	- 39	43	76	148	163	156	141	22	- 17	- 40	- 142	
	Date	23	15	01	11	13	12	06	31	28	31	22	28	01/23		
(0.1hPa)	Vapor Press.	Mean	35	38	57	81	111	199	258	262	200	126	75	53	125	
		Highest	85	111	124	153	197	279	342	369	269	210	164	116	369	
		Date	03	13	05	21	26	30	24	11	01	02	05	04	08/11	
		Lowest	13	15	17	17	17	85	183	94	68	31	26	23	13	
		Date	23	20	11	25	18	01	06	27	22	29	20	29	01/23	
(0.1) Mean D.P.Temp.		- 83	- 74	- 20	32	76	171	214	215	173	92	14	- 30	65		
Rel. Humid. (%)	Mean	63	57	64	67	65	86	94	83	83	71	67	66	72		
	Lowest	34	23	13	5	5	29	57	33	27	13	21	26	5		
	Date	26	20	31	25	18	02	15	27	22	10	20	01	05/18		
(0.1mm)	Precip.	00-24h Total	57	665	353	648	1280	252	1774	544	307	907	171	382	7340	
		09-09h Total														
	Highest	1 Daily	31	276	353	476	305	215	527	215	179	460	69	302	527	
		Date	14	11	05	16	03	15	16	02	01	02	10	21	07/16	
	6	6 - Hour	24	302	304	363	235	179	495	214	196	454	69	190	495	
		Date	14	12	05	16	03	15	16	02	02	02	11	21	07/16	
	1	60 - Minute				96	95	163	386	183	80	110			386	
		Date				16	05	15	24	02	02	02			07/24	
	10	10 - Minute				29	46	94	145	90	71	24			145	
		Date				18	06	15	24	02	02	25			07/24	
2	2 - Day	24	398		552	525	221	657	246	265	381	31	326	657		
	Date	23 - 24	11 - 12		16 - 17	02 - 03	14 - 15	15 - 16	01 - 02	01 - 02	24 - 25	02 - 03	21 - 22	07/15 - 07/16		
3	3 - Day		640		590		27	651	253	271				651		
	Date		11 - 13		16 - 18		22 - 24	24 - 27	31 - 02	31 - 02				07/24 - 07/27		
(0.1mm)	Evapor.	Small	Total													
			Highest													
	Large	Total														
		Highest														
(0.1%)	Wind	Mean Speed	42	44	42	43	47	36	36	28	26	34	41	40	38	
		Highest Speed	160	137	113	154	210	120	120	171	104	135	123	122	210	
		Highest Dir.	WNW	W	SSE	WNW	WNW	WNW	ENE	WNW	SSW	SSW	WNW	WNW	WNW	
		Date	23	08	05	17	03	25	16	31	01	25	11	01	05/03	
		Highest Gust Speed	259	184	188	239	305	167	177	227	142	194	193	179	305	
		Highest Gust Dir.	WNW	WSW	S	WNW	WNW	SE	NNE	NW	SSW	W	WNW	W	WNW	
		Date	23	08	05	17	03	15	16	31	01	25	02	08	05/03	
		Resultant Speed	25	19	17	12	19	15	11	10	3	6	11	19	10	
		Resultant Dir.	WNW	WNW	WSW	SW	WSW	SW	SSE	NW	ENE	N	WNW	WNW	W	
(0.1)	Cloud Amount	56	39	33	51	51	59	73	43	53	55	63	56	53		
	Mean Low Mid.	49	30	18	28	28	44	56	28	34	31	53	46	37		
Sunshine	Total(0.1hr)	1123	1812	2463	2016	2600	1857	1600	2511	2137	1809	1199	1537	22664		
	Perc.(0.1%)	367	579	663	509	589	419	356	596	573	521	394	517	508		
(0.01MJ/m) Total Horizontal Radiation																
(0.1cm)	Snow	Highest	Snow Depth	70	15									10	70	
			Date	14	15										29	01/14
			Snowfall	70	15										10	70
			Date	14	15										28	01/14
			Total	161	34										10	205
(0.1)	Grass Min. Temp.	Mean	- 36	- 24	19	69	120	174	205	223	165	105	38	- 15	87	
		Lowest	- 100	- 70	- 46	35	77	145	171	163	119	18	- 20	- 62	- 100	
		Date	18	01	01	11	13	01	06	31	23	31	23	28	01/18	
(0.1)	Mean Soil Temp.	Surface	0	12	79	140	189	256	259	291	243	163	77	32	145	
		0.05m														
		0.1m														
		0.2m														
		0.3m														
		0.5m														
		1.0m														
		1.5m														
		3.0m														
5.0m																
(0.01hr) Dur. of Precip.		12759	4649	2111	3993	8385	5492	10661	4675	2736	5476	6689	6446	74072		
(0.01hr) Dur. of Fog		57	3939	4461	10781	8971	15949	23842	3210	4844	1509	1785	1075	80423		

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	34	22	39	37	37	38	31	40	33	39	41	34	41	
		NE	46	47	31	90	43	36	85	46	36	64	54	71	90	
		ENE	47	53	38	102	48	40	109	61	51	83	66	75	109	
		E	65	110	51	90	81	65	71	59	72	103	73	70	110	
		ESE	68	124	87	87	97	72	87	52	73	80	77	70	124	
		SE	36	67	68	58	95	90	76	47	65	79	59	43	95	
		SSE	15	72	99	91	154	72	104	44	85	62	78	58	154	
		S	18	25	53	71	70	61	75	27	30	42	25	43	75	
		SSW	118	75	99	114	95	89	88	53	103	101	104	95	118	
		SW	90	72	92	132	117	86	89	58	92	110	87	68	132	
		WSW	78	91	85	85	168	78	57	58	57	49	94	72	168	
		W	86	119	87	95	194	100	98	70	68	106	107	104	194	
		WNW	140	101	81	148	190	103	75	155	45	88	116	115	190	
		NW	69	67	48	65	67	35	40	63	41	59	61	65	69	
	NNW	36	35	35	49	31	40	31	35	35	39	40	43	49		
	(0.1%)	N	30	32	37	44	37	45	36	41	33	39	32	37	45	
	Hourly Occurrence Percentage	CALM		4	7	6	11	15	22	28	24	11		3	11	
		NNE	34	16	47	39	23	17	26	67	50	71	44	51	41	
		NE	21	33	19	43	40	24	51	66	58	81	54	34	44	
		ENE	15	37	15	76	65	22	69	67	128	117	49	68	61	
		E	64	46	9	44	32	21	51	34	72	89	58	35	46	
		ESE	55	80	55	56	36	60	83	31	67	55	60	38	56	
		SE	12	19	63	43	66	67	58	36	42	23	31	17	40	
		SSE	4	22	34	67	58	101	97	19	56	13	29	23	43	
		S	5	3	24	38	34	50	63	22	17	12	10	17	25	
		SSW	17	27	98	101	89	110	102	40	43	47	71	42	66	
		SW	17	27	99	85	120	111	93	40	61	50	86	79	73	
		WSW	26	34	79	56	44	57	26	71	29	12	19	20	39	
W		64	86	81	85	85	67	59	59	43	28	75	93	69		
WNW		342	329	152	111	176	163	89	122	74	110	147	185	166		
NW	224	158	101	42	66	35	28	102	54	152	140	172	106			
NNW	68	52	67	57	26	39	34	86	83	58	83	72	60			
(0.1%)	N	30	26	50	53	31	43	51	109	100	71	43	51	55		
Number of Days With Classified	Daily Max. Temp.	0.0	13	5										3	21	
		0.1 ~ 10.0	18	24	22							1	17	26	108	
		10.1 ~ 20.0			9	29	17	1			1		22	13	2	95
		20.1 ~ 30.0				1	14	29	31	22	29	8				134
		30.1									8					8
	Daily Mean Temp.	-5.0	6												6	
		-4.9 ~ 0.0	14	12	4								2	7	39	
		0.1 ~ 10.0	11	17	26	19						2	17	24	116	
		10.1 ~ 20.0			1	11	26	17	4	1	9	29	11		109	
		20.1					5	13	27	30	21				96	
	Daily Min. Temp.	-15.0	9	4											13	
		-14.9 ~ -5.0	18	17	6								3	15	59	
		-4.9 ~ 0.0	4	8	25	26	8					6	23	16	116	
		0.1 ~ 10.0				4	23	30	31	31	30	25	4	16	178	
		10.1														
	Daily Precip.	0.1mm	4	7	1	6	9	7	12	7	5	6	8	5	77	
		10.0mm		3	1	1	5	1	6	2	1	2		1	23	
		30.0mm					1								8	
		80.0mm							2							
		100.0mm														
60 - Minute Max. Precip.	1.0mm				4	7	1	9	4	4	5			34		
	6.0mm				1	5	1	4	3	2	2			18		
	10.0mm						1	2	2		1			6		
	20.0mm							1						1		
	30.0mm													1		
10 - Minute Max. Precip.	0.1mm				6	9	7	12	7	5	6			52		
	1.0mm				3	7	1	7	4	2	3			27		
	5.0mm						1	2	2	1				6		
	10.0mm													1		
									1					1		
Daily Max. New Snowfall	0.1cm	8	4										1	13		
	5.0cm	2												2		
	10.0cm															
	20.0cm															
	30.0cm															
Daily Max. Snow Depth	0.1cm	14	5										2	21		
	5.0cm	4												4		
	10.0cm															
	20.0cm															
	30.0cm															
Daily Min. Rel. Humid.	20%			4	7	7					1			19		
	21 ~ 30%		6	4	4	5	2			2	4	2	1	30		
	31 ~ 40%	5	12	9	4	2	2				2	9	7	53		
	41 ~ 50%	12	9	6	5	6	2		1	2	9	7	9	68		
	51 ~ 70%	11		5	8	8	7	6	16	20	11	7	9	108		
71%	3	2	3	2	3	17	25	13	6	4	5	5	88			
Daily Max. Wind speed	0.5 ~ 3.3%		1							2	4	1		8		
	3.4 ~ 7.9%	18	12	20	14	16	22	21	27	24	21	19	17	231		
	8.0 ~ 13.8%	12	16	11	15	12	8	10	1	2	9	11	14	121		
	13.9%	1			1	3				1				6		

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow	14	6	2								6	9	37	
	Sleet	1	1										2	4	
	Snow Pellet		1											1	
	Hail														
	Fog	1	3	4	12	10	19	23	8	11	5	5	4	105	
	Frost		1											1	
	Freezing	28	24	5									3	13	73
	Haze	2	2	5	4	5						2	7	5	32
	Yellow Sand			2	4	2							1		9
	Thunder Storm			1	1	2	1	3	3	3					14
	Sunshine (0%)	2	3	1	3	3	2	9	2	1	4	6	3		39
	< 20%	11	6	4	5	6	11	14	8	3	8	12	8		96
	80%	3	11	17	7	11	6	4	14	8	8	5	6		100
	Cloud Amount	2	11	15	7	6	5	1	12	6	6	5	3		79
	2.5 ~ 5.4	14	9	7	9	12	5	7	8	8	9	5	12		105
5.5 ~ 7.4	8	4	3	8	6	6	6	4	8	7	7	8		75	
7.5	7	5	6	6	7	14	17	7	8	9	13	8		107	
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10249	10248	10229	10150	10082	10104	10083	10090	10076	10169	10229	10236	
		2nd	10230	10198	10212	10135	10149	10046	10051	10054	10154	10212	10201	10256	
		3rd	10295	10291	10206	10114	10099	10068	10071	10044	10169	10208	10266	10263	
	Mean Temp. (0.1)	1st	17	-2	33	90	133	192	211	263	212	166	85	50	
		2nd	-31	17	48	92	160	195	226	260	209	163	101	36	
		3rd	-42	1	68	128	181	212	242	223	192	124	39	7	
	Mean Max.Temp. (0.1)	1st	38	19	62	133	168	235	246	293	248	195	108	80	
		2nd	-8	42	80	132	197	225	261	289	243	192	123	60	
		3rd	-20	28	101	172	227	243	260	252	225	151	60	31	
	Mean Min.Temp. (0.1)	1st	1	-20	9	59	105	162	183	235	186	140	56	25	
		2nd	-51	-7	22	61	124	171	197	239	186	143	76	14	
		3rd	-61	-21	39	94	151	187	228	196	169	101	14	-15	
	Mean D.P.Temp. (0.1)	1st	-50	-90	-35	26	67	142	198	234	193	112	28	-22	
		2nd	-85	-50	-12	46	50	175	205	234	177	111	48	-17	
		3rd	-110	-81	-12	24	107	196	238	181	147	57	-34	-48	
	Mean Vapor Press (0.1hPa)	1st	46	32	55	77	102	166	232	288	224	142	84	56	
		2nd	34	48	58	87	96	202	243	290	204	137	94	59	
		3rd	27	36	58	78	134	229	294	213	170	102	49	45	
Mean Rel. Humid. (%)	1st	62	52	65	68	68	76	93	85	90	73	69	61		
	2nd	67	64	67	76	58	90	89	87	83	73	73	70		
	3rd	60	56	60	55	68	91	98	78	77	67	60	68		
Mean Wind Speed (0.1m/s)	1st	42	40	45	40	65	28	28	21	30	35	46	42		
	2nd	44	55	39	45	43	43	32	29	22	28	40	38		
	3rd	40	36	43	44	35	37	46	34	25	38	36	40		
Total Precip. (0.1mm)	1st	0		353	1	819	0	432	246	272	519	123	31		
	2nd	33	644	0	629	230	223	661	291	12	0	2	15		
	3rd	24	21		18	231	29	681	7	23	388	46	336		
Total Evaporation (0.1mm)	1st														
	2nd														
	3rd														
Total Sunshine (0.1hr)	1st	406	700	592	664	618	846	731	901	591	717	405	572		
	2nd	289	465	741	678	1119	515	702	649	917	711	472	546		
	3rd	428	647	1130	674	863	496	167	961	629	381	322	419		
Mean Cloud Amount (0.1)	1st	51	20	45	49	62	46	63	39	64	47	68	45		
	2nd	60	56	40	52	34	65	59	52	39	45	51	59		
	3rd	56	42	17	51	55	65	95	38	57	71	70	64		
First and Last of Seasonal Phenomena	Genesis	Max. Temp. 30							04 - 14					11(9)	
		Max. Temp. 25				18				26				132(69)	
		Mean Temp. 25						30		24				26(22)	
		Min. Temp. 25							07 - 13					7(4)	
	Continue	Max. Temp. 30								09 - 14					6
		Max. Temp. 25						28		26					30
		Mean Temp. 25								03 - 14					12
		Min. Temp. 25								11 - 13					3
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0						27		29					65(20)
		Mean Temp. < 0					26				10				106(40)
		Min. Temp. < 0					25				14				111(65)
Frost							19		27					71(2)	
Freezing						25				11				108(73)	
Snow						25				10				107(33)	
Continue	Max. Temp. < 0					26			25					92(21)	
	Mean Temp. < 0							18 - 25						8	
	Min. Temp. < 0							17						9	
	Frost							27 - 27						22	
	Freezing							04		07				1	
	Snow							22 - 26						35	
Snow Cover							13 - 21						5		

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10120	10121	10105	10034	10010	9985	9992	9970	10050	10097	10119	10124	10061
		Mean Sea Level	10219	10220	10202	10128	10102	10075	10082	10060	10141	10191	10215	10222	10155
		Highest	10306	10332	10307	10235	10271	10165	10171	10141	10238	10305	10350	10319	10350
		Date	28	25	04	11	14	05	06	27	21	30	29	25	11/29
		Lowest	10026	10026	10069	9821	9837	9955	9977	9804	9925	10061	10079	10045	9804
(0.1)	Air Temp.	Mean	1	16	72	135	182	208	231	249	200	149	86	45	131
		Mean Max.	45	55	114	186	236	249	264	289	235	191	131	87	174
		Mean Min.	-43	-26	27	82	131	173	204	215	171	116	41	1	91
		Highest	127	97	212	280	289	320	338	349	302	249	219	152	349
		Date	03	18	31	22	28	17	28	14	01	15	14	02	08/14
		Lowest	-152	-67	-72	37	80	125	171	151	135	34	-30	-69	-152
		Date	24	07	01	12	14	02	06	29	23	30	25	16	01/24
(0.1hPa)	Vapor Press.	Mean	31	40	55	87	117	186	240	253	203	133	71	48	122
		Highest	95	106	112	150	190	255	326	330	274	217	141	120	330
		Date	03	13	06	21	23	30	30	08	06	03	14	22	08/08
		Lowest	5	15	17	24	35	81	190	137	130	32	17	15	5
		Date	24	02	11	23	13	01	06	31	29	30	24	02	01/24
(0.1) Mean D.P.Temp.		-113	-71	-22	43	88	161	203	210	176	106	9	-44	62	
Rel. Humid. (%)	Mean	47	57	56	60	59	78	86	80	87	77	61	57	67	
	Lowest	9	17	14	9	9	26	49	39	38	22	16	10	9	
	Date	05	23	17	16	05	03	28	25	01	30	24	02	05/05	
(0.1mm)	Precip.	00~24h Total	247	457	296	704	341	644	3771	2594	938	822	326	902	12042
		09~09h Total	247	457	296	704	341	644	3771	2594	938	822	326	902	12042
	Highest	1 Daily	132	127	130	194	284	248	979	785	243	222	264	319	979
		Date	29	28	09	21	10	30	16	28	04	05	06	14	07/16
	6 6 - Hour	113	122	118	167	119	248	648	690	257	183	102	226	690	
		Date	30	28	09	17	10	30	16	28	05	05	06	22	08/28
	1 60 - Minute	46	32	232	265	344	196	81	344	196	81	344	196	81	344
		Date	16	10	30	14	08	04	29	08/08					
	10 10 - Minute	12	9	115	105	165	81	29	165	81	29	165	81	29	165
		Date	11	10	30	14	14	04	29	08/14					
2 2 - Day	247	124	214	308	250	1368	1122	319	223	301	369	1368			
	Date	29 - 30	23 - 24	20 - 21	10 - 11	29 - 30	04 - 05	28 - 29	04 - 05	05 - 06	05 - 06	21 - 22	07/04 - 07/05		
3 3 - Day	102	212	299	1542	1179	1596	257	1596	257	1596	257	1596	257	1596	
	Date	12 - 14	16 - 18	28 - 30	04 - 06	28 - 31	28 - 05	05 - 08	08/28 - 09/05						
(0.1mm)	Evapor.	Total	671	647	942	1412	1952	1842							
		Highest	34	50	65	88	98	111							
	Small	Date	05	23	30	17	12	03							
		Total			884	1224	929								
Large	Highest			70	89	65									
	Date			08	12	03									
(0.1%)	Wind	Mean Speed	21	21	17	21	20	14	12	13	12	13	17	18	17
		Highest Speed	109	79	78	127	131	75	51	67	49	54	73	83	131
		Highest Dir.	WSW	WNW	SW	WSW	W	WNW	WSW	W	S	NW	W	NW	W
		Date	18	23	02	17	04	25	27	31	01	29	04	01	05/04
		Highest Gust Speed	193	155	150	236	222	143	91	132	113	105	154	154	236
		Highest Gust Dir.	W	WNW	SSW	WSW	WNW	NW	WSW	SSE	SW	NW	W	WNW	WSW
		Date	18	21	29	17	04	25	27	31	01	29	04	01	04/17
		Resultant Speed	10	8	4	2	3	3	2	2	1	2	5	7	3
		Resultant Dir.	SW	W	S	W	WSW	NE	NE	N	N	SSW	WSW	WSW	WSW
(0.1)	Cloud Amount	27	38	45	54	45	64	78	55	76	60	43	43	52	
	Mean Low Mid.	13	25	26	31	19	42	50	36	45	36	29	29	32	
Sunshine	Total(0.1hr)	2289	2054	1914	2226	2759	1822	1188	2223	1033	1345	1752	1709	22314	
	Perc.(0.1%)	747	656	515	562	626	412	265	528	277	387	575	573	500	
(0.01MJ/m) Total Horizontal Radiation		38033	42509	51641	48366	61087	49176	37948	49102	26690	22782	21243	19119	467696	
Snow (0.1cm)	Highest	Snow Depth	140	195	85									185	195
		Date	30	07	01									28	02/07
		Snowfall	80	172	65									185	185
		Date	30	06	09									27	12/27
Grass Min. Temp. (0.1)	Mean	-85	-42	-10	57	112	171	202	212	159	88	7	-18	71	
	Lowest	-175	-80	-75	16	67	105	172	149	100	2	-62	-70	-175	
(0.1)	Mean Soil Temp.	Surface	-5	6	72	147	225	260	259	284	219	154	73	27	143
		0.05m Underground	-3	5	68	143	209	249	255	281	220	160	84	37	142
		0.1m "	-2	4	63	138	205	247	251	277	218	159	81	33	140
		0.2m "	14	12	63	132	191	235	240	268	217	167	96	50	140
		0.3m "	16	12	61	128	186	231	238	269	221	173	104	56	141
		0.5m "	21	14	57	125	185	230	239	270	218	172	103	56	141
		1.0m "	59	41	60	108	154	200	216	246	222	190	138	92	144
		1.5m "	82	60	63	94	131	172	193	219	213	192	154	114	141
		3.0m "	125	104	91	94	110	134	156	175	189	188	174	151	141
		5.0m "	148	139	129	121	118	121	127	136	148	156	159	157	138
(0.01hr) Dur. of Precip.		2733	7588	4924	5925	5576	6326	12283	10575	11169	12282	4550	8183	92114	
(0.01hr) Dur. of Fog			533	500	717	567	625	1992		317				5251	

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Element		1	2	3	4	5	6	7	8	9	10	11	12			
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	27	33	32	24	29	28	22	29	22	28	25	22	33	
		NE	15	20	32	20	26	20	19	22	20	35	19	16	35	
		ENE	22	33	26	24	26	27	19	25	31	37	30	18	37	
		E	15	29	42	39	36	33	32	30	24	27	17	28	42	
		ESE	35	47	50	49	43	48	44	54	31	40	23	26	54	
		SE	26	31	31	33	26	25	22	19	27	34	22	26	34	
		SSE	49	33	44	51	79	38	39	25	41	33	48	38	79	
		S	40	42	36	38	43	23	23	46	28	28	38	32	46	
		SSW	40	42	60	49	63	27	32	51	32	16	41	22	63	
		SW	56	53	73	59	59	29	29	45	26	23	48	55	73	
		WSW	72	47	49	121	63	38	47	43	21	37	42	70	121	
		W	73	64	31	91	105	43	32	52	21	29	71	76	105	
		WNW	79	65	56	80	70	71	25	37	22	40	47	65	80	
		NW	58	56	37	47	52	41	44	47	43	36	51	68	68	
	NNW	35	50	53	47	63	38	30	50	39	41	54	44	63		
	(0.1%)	N	34	42	33	55	38	41	39	43	38	36	50	37	55	
	Hourly Occurrence Percentage	CALM	21	37	83	74	90	110	160	164	157	124	69	64	96	
		NNE	24	27	32	39	43	60	51	60	28	34	33	17	37	
		NE	7	14	27	31	36	58	44	51	24	20	26	13	29	
		ENE	12	10	31	29	39	51	43	51	31	17	14	11	28	
		E	5	17	85	69	108	138	74	73	65	44	14	15	59	
		ESE	19	34	63	81	58	64	73	63	51	51	29	20	51	
		SE	23	24	28	32	38	39	42	26	42	42	31	32	33	
		SSE	169	99	109	97	81	47	70	65	68	140	111	148	101	
		S	109	102	109	58	75	47	38	55	63	102	147	152	88	
		SSW	66	68	67	40	48	31	27	42	38	42	64	63	50	
		SW	110	92	67	67	50	29	16	36	49	39	61	60	56	
		WSW	121	101	85	64	43	29	39	60	42	69	75	107	70	
W		78	98	39	60	70	25	40	58	83	90	65	75	65		
WNW		77	73	51	35	46	57	47	51	64	55	63	68	57		
NW	79	96	44	64	52	89	85	55	67	65	89	95	73			
NNW	44	55	46	82	63	72	75	38	51	36	46	34	53			
(0.1%)	N	36	52	34	79	60	54	77	52	79	31	63	24	53		
Number of Days With Classified	Daily Max. Temp.	0.0	4												4	
		0.1 ~ 10.0	24	29	15								8	19	95	
		10.1 ~ 20.0	3		13	20	4			1	1	1	17	20	12	92
		20.1 ~ 30.0	3		3	10	27	28	25	19	28	14	2			156
	Daily Mean Temp.	30.1							2	5	11	1			19	
		-5.0	4												4	
		-4.9 ~ 0.0	11	8	2									4	25	
		0.1 ~ 10.0	16	21	22	6						3	21	25	114	
	Daily Min. Temp.	10.1 ~ 20.0			7	23	21	13	5	4	14	28	9	2	126	
		20.1				1	10	17	26	27	16				97	
		-15.0	1												1	
		-14.9 ~ -5.0	10	9	1									4	24	
	Daily Precip.	-4.9 ~ 0.0	16	17	7								4	12	56	
		0.1 ~ 10.0	4	3	22	20	4					6	25	15	99	
		10.1			1	10	27	30	31	31	30	25	1		186	
		0.1mm	2	7	4	10	6	10	12	12	17	14	4	5	103	
	60 - Minute Max. Precip.	10.0mm	2	3	1	3	1	2	7	5	2	3	1	4	34	
		30.0mm							5	4				1	10	
		80.0mm							2						2	
		100.0mm														
	10 - Minute Max. Precip.	1.0mm				8	2	6	8	10	11	8			53	
		6.0mm						1	8	4	1	1			15	
		10.0mm						1	5	4	1				11	
		20.0mm						1	1	3					5	
Daily Max. New Snowfall	30.0mm								1					1		
	0.1mm				10	6	10	12	12	17	14			81		
	1.0mm				2		4	8	6	8	4			32		
	5.0mm						1	2	4	1				8		
Daily Max. Snow Depth	10.0mm						1	1	3					5		
	0.1cm	2	4	1									2	9		
	5.0cm	2	3	1									2	8		
	10.0cm		3										2	5		
Daily Min. Rel. Humid.	30.0cm	3	18	4									10	35		
	0.1cm	3	13	4									9	29		
	5.0cm	1	6										5	12		
	10.0cm															
Daily Max. Wind speed	20.0cm	15	4	7	7	7						4	7	51		
	30.0%	9	13	6	7	6	4				3	4	7	59		
	21 ~ 30%	4	6	8	5	9	4			1	3	10	5	56		
	31 ~ 40%	1	4	3	5	7	3	1	6	1	9	6	6	52		
Daily Max. Wind speed	41 ~ 50%	1		4	5		9	15	18	14	13	5	2	86		
	51 ~ 70%	1	2	3	1	2	10	15	6	14	3	1	4	62		
	71%	8	5	6		9	15	18	18	20	15	10	8	132		
	0.5 ~ 3.3%	22	24	25	29	20	15	13	13	10	16	20	20	227		
Daily Max. Wind speed	3.4 ~ 7.9%	1			1	2							3	7		
	8.0 ~ 13.8%															
	13.9%															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow	2	9	1									2	14	
	Sleet	1	2	1									1	5	
	Snow Pellet	2		1										3	
	Hail														
	Fog		1	1	4	3	3	6		1				19	
	Frost	3	1	6									1	2	13
	Freezing	28	25	9									8	20	90
	Haze	3	1	3	7	3	1	2				2		1	23
	Yellow Sand				2	1									3
	Thunder Storm						5	1	5	2					13
	Sunshine (0%)	2	1	4	3	1	4	5	3	7	3	2	4		39
	< 20%	4	4	9	6	4	11	17	6	12	13	8	7		101
	80%	21	15	10	10	12	6	1	7	2	7	13	13		117
	Cloud Amount	18	13	9	5	4	5	1	8	3	3	12	9		90
	2.5 ~ 5.4	8	9	10	9	17	4	4	5	2	9	7	10		94
5.5 ~ 7.4	2	2	7	9	5	9	4	9	6	9	2	6		70	
7.5	3	5	5	7	5	12	22	9	19	10	9	6		112	
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10213	10220	10221	10142	10072	10107	10093	10091	10088	10163	10220	10200	
		2nd	10188	10181	10196	10124	10143	10050	10063	10053	10163	10204	10187	10234	
		3rd	10254	10264	10191	10118	10091	10070	10089	10037	10173	10204	10239	10230	
	Mean Temp. (0.1)	1st	34	3	42	126	167	197	220	258	215	167	92	63	
		2nd	-12	31	76	134	178	214	219	273	199	163	116	41	
		3rd	-17	14	96	143	199	213	253	221	187	121	52	31	
	Mean Max.Temp. (0.1)	1st	82	45	83	178	228	241	255	300	249	206	136	109	
		2nd	32	65	117	190	230	254	247	312	232	213	167	84	
		3rd	24	55	141	191	250	252	288	257	224	157	90	71	
	Mean Min.Temp. (0.1)	1st	-10	-43	6	82	119	156	190	221	191	139	51	15	
		2nd	-60	-8	27	75	121	182	200	239	170	124	64	-2	
		3rd	-59	-26	46	89	152	183	221	187	153	89	10	-9	
	Mean D.P.Temp. (0.1)	1st	-92	-100	-20	41	77	135	193	222	193	132	23	-73	
		2nd	-121	-44	-35	40	70	171	200	231	176	107	35	-32	
		3rd	-124	-69	-11	48	114	176	216	181	159	80	-33	-28	
	Mean Vapor Press (0.1hPa)	1st	35	30	57	86	110	159	225	269	224	157	77	38	
		2nd	28	50	51	85	102	196	234	282	203	131	83	52	
		3rd	29	39	58	90	137	202	259	212	182	112	53	54	
	Mean Rel. Humid. (%)	1st	43	49	67	63	61	72	86	82	88	82	65	40	
		2nd	47	63	49	58	54	79	90	79	87	71	60	62	
		3rd	49	59	53	59	61	82	81	80	85	79	58	68	
	Mean Wind Speed (0.1m/s)	1st	20	20	17	19	25	14	12	11	12	13	18	21	
		2nd	21	21	15	23	20	15	12	11	12	12	15	15	
		3rd	21	21	19	22	15	14	12	17	10	13	18	17	
Total Precip. (0.1mm)	1st		104	195	231	300	0	2243	432	512	314	301	0		
	2nd	0	102	9	279	41	179	1430	223	146	19	1	338		
	3rd	247	251	92	194	0	465	98	1939	280	489	24	564		
Total Evaporation (0.1mm)	1st	233	214	232	386	568	783								
	2nd	226	196	299	522	719	562								
	3rd	212	237	411	504	665	497								
Total Sunshine (0.1hr)	1st	833	850	518	667	673	765	405	935	331	410	605	709		
	2nd	758	579	618	777	1132	545	239	818	327	581	725	463		
	3rd	698	625	778	782	954	512	544	470	375	354	422	537		
Mean Cloud Amount (0.1)	1st	15	17	53	55	60	56	77	37	82	66	50	27		
	2nd	24	51	43	51	28	67	87	52	77	46	29	44		
	3rd	40	49	39	57	47	67	71	73	69	67	49	58		
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 30						17		01				77(19)	
		Max. Temp. < 25				16				25				163(81)	
		Mean Temp. < 25						17		25				70(31)	
		Min. Temp. < 25							28	15				19(5)	
	Continue	Max. Temp. < 30								10 - 14					5
		Max. Temp. < 25							22	25					35
		Mean Temp. < 25							26	08					14
		Min. Temp. < 25							13 - 15						3
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0							19 - 25						7(4)
		Mean Temp. < 0						17			10				85(27)
		Min. Temp. < 0					26				15				111(76)
Frost						28				26				120(18)	
Freezing						26				21				117(86)	
Snow						26				09				105(15)	
Snow Cover								29		10				42(25)	
Continue	Max. Temp. < 0							23 - 25						3	
	Mean Temp. < 0							18 - 25						8	
	Min. Temp. < 0							05 - 28						24	
	Frost									10 - 12				3	
	Freezing							05	11					38	
	Snow								27 - 28					2	
	Snow Cover							29	12					15	

105 (Gangneung)

2016

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10189	10190	10173	10100	10074	10047	10054	10032	10113	10161	10186	10192	10126
		Mean Sea Level	10222	10223	10205	10131	10104	10077	10083	10061	10143	10192	10217	10224	10157
		Highest	10306	10336	10308	10237	10273	10167	10172	10143	10240	10307	10352	10321	10352
		Date	28	25	04	11	14	05	06	27	21	30	29	25	11/29
		Lowest	10036	10030	10070	9822	9841	9957	9978	9808	9928	10065	10084	10048	9808
	Date	18	14	18	17	03	24	13	31	01	08	05	22	08/31	
(0.1)	Air Temp.	Mean	4	19	79	141	193	219	241	258	206	156	91	50	138
		Mean Max.	47	60	124	193	249	259	276	298	243	198	136	92	181
		Mean Min.	- 31	- 16	37	92	142	183	212	222	176	122	47	12	100
		Highest	138	102	223	283	305	315	351	355	309	262	221	155	355
		Date	03	18	31	22	28	18	28	13	01	15	14	19	08/13
	Lowest	- 147	- 60	- 53	40	86	139	175	151	126	47	- 8	- 56	- 147	
	Date	24	07	01	12	14	02	07	27	20	30	24	16	01/24	
(0.1hPa)	Vapor Press.	Mean	25	33	49	78	103	169	218	229	184	118	63	42	109
		Highest	77	92	102	139	170	243	300	313	249	194	129	107	313
		Date	03	13	18	21	23	30	30	14	06	03	14	22	08/14
		Lowest	4	12	14	25	30	65	174	124	114	25	15	11	4
		Date	24	21	01	23	13	04	22	31	20	31	25	30	01/24
(0.1) Mean D.P.Temp.		- 137	- 95	- 38	27	68	145	188	194	160	88	- 8	- 64	44	
Rel. Humid. (%)	Mean	37	47	49	52	49	66	74	70	76	67	53	49	57	
	Lowest	10	13	10	5	11	16	35	31	31	17	12	10	5	
	Date	23	23	17	16	19	04	28	25	01	31	16	04	04/16	
(0.1mm)	Precip.	00-24h Total	274	485	293	730	336	407	4242	2826	1048	781	335	825	12582
		09-09h Total													
	Highest	1 Daily	165	145	95	210	280	105	960	960	245	220	230	230	960
		Date	29	28	09	07	10	24	16	28	04	05	06	27	08/28
	6 6 - Hour	Date	30	28	09	17	10	15	16	28	05	05	06	22	08/28
		1 60 - Minute				50	35	50	285	355	155	70			355
	Date	10 10 - Minute				16	10	15	14	28	04	29			08/28
		Date				16	15	30	14	28	04	29			08/28
	2 2 - Day	Date	270	145	103	245	300	135	1720	1455	455	223	280	365	1720
		Date	29 - 30	13 - 14	09 - 10	20 - 21	10 - 11	14 - 15	04 - 05	28 - 29	04 - 05	05 - 06	05 - 06	21 - 22	07/04 - 07/05
3 3 - Day	Date		165	105	195	10	170	2591	1510	540	324			2591	
	Date		12 - 14	23 - 25	16 - 18	02 - 04	12 - 15	30 - 06	28 - 31	02 - 05	02 - 08			06/30 - 07/06	
(0.1mm)	Evapor.	Small													
		Total Highest Date													
(0.1mm)	Large	Total Highest Date													
		Total Highest Date													
(0.1%)	Wind	Mean Speed	34	27	24	26	25	18	15	20	16	19	23	28	23
		Highest Speed	96	76	82	111	99	58	57	95	75	75	73	80	111
		Highest Dir.	WNW	NW	NW	NW	NW	WNW	WNW	WNW	NW	WNW	NW	WNW	NW
		Date	01	16	02	17	04	17	26	31	01	31	05	16	04/17
		Highest Gust Speed	172	149	170	219	192	99	99	177	138	122	124	143	219
		Highest Gust Dir.	NNW	W	NNW	N	WNW	NW	NE	WSW	W	WNW	NW	NNE	N
		Date	02	16	02	17	04	17	01	31	01	31	05	01	04/17
		Resultant Speed	30	19	12	8	9	1	1	5	3	8	14	23	11
Resultant Dir.	NW	NW	NW	NW	NW	ENE	N	NW	NW	NW	NW	NW	NW		
(0.1)	Cloud Amount	Mean													
		Mean Low Mid.													
Sunshine	Total(0.1hr)	2328	2139	2070	2376	2859	2051	1412	2355	1254	1513	1898	1839	24094	
	Perc.(0.1%)	760	683	557	600	648	464	315	559	336	436	623	616	540	
(0.01MJ/m) Total Horizontal Radiation		31574	35706	44053	56736	71568	58191	47447	57378	34044	30415	28078	24219	519409	
Snow (0.1cm)	Highest	Snow Depth Date													
		Snowfall Date													
		Total													
(0.1)	Grass Min. Temp.	Mean	- 49	- 19	15	83	120	179	217	226	181	122	43	9	
		Lowest	- 141	- 64	- 60	47	74	134	183	160	140	58	- 7	- 16	- 141
		Date	24	25	11	05	14	02	07	27	21	30	25	12	01/24
(0.1)	Mean Soil Temp.	Surface	8	20	99	180	243	273	270	296	229	168	88	38	159
		0.05m Underground	15	21	72	147	209	246	256	274	222	170	98	51	148
		0.1m "	13	19	73	150	208	247	254	278	226	176	104	57	150
		0.2m "	30	26	71	144	200	239	249	275	227	181	112	64	152
		0.3m "	38	30	69	139	192	232	244	272	228	186	121	74	152
		0.5m "	38	30	67	136	187	227	241	270	226	185	122	74	150
		1.0m "	68	49	67	116	160	199	222	248	226	197	149	104	150
		1.5m "	93	70	75	107	142	179	211	231	226	204	168	128	153
		3.0m "	135	117	105	106	120	140	177	185	203	197	185	165	153
		5.0m "	154	146	136	129	127	130	142	153	166	173	175	172	150
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	33	39	40	27	23	31	31	30	45	29	37	47	47	
		NE	37	48	43	64	45	43	39	52	46	53	59	51	64	
		ENE	36	46	35	45	60	40	36	46	41	42	51	28	60	
		E	34	26	34	33	30	32	32	32	27	30	30	26	34	
		ESE	24	29	31	27	30	27	18	26	24	25	32	15	32	
		SE	20	36	45	37	34	30	29	26	36	36	22	20	45	
		SSE	11	33	45	54	46	53	44	35	34	41	26	16	54	
		S	5	28	35	49	45	45	38	39	35	34	22	15	49	
		SSW	10	33	32	45	45	21	30	18	20	47	23	14	47	
		SW	9	29	38	19	34	36	18	23	19	31	29	17	38	
		WSW	31	23	28	56	59	17	22	30	41	26	15	17	59	
		W	50	44	44	54	50	48	45	28	30	28	47	56	56	
		WNW	93	69	70	82	70	52	49	78	34	70	60	72	93	
		NW	86	66	73	104	85	49	40	78	68	50	68	66	104	
	NNW	46	46	66	79	71	21	31	40	29	30	44	54	79		
	(0.1%)	N	29	38	31	49	53	19	16	32	18	35	30	26	53	
	Hourly Occurrence Percentage	CALM	21	17	27	24	7	28	86	17	72	50	22	18	33	
		NNE	30	53	31	26	30	49	48	22	31	38	38	36	36	
		NE	20	39	46	93	73	113	89	54	71	47	33	56	61	
		ENE	23	43	31	70	48	63	83	44	74	32	64	18	49	
		E	21	27	30	75	56	82	55	34	49	27	49	25	44	
		ESE	17	19	28	39	46	54	44	55	24	26	19	5	31	
		SE	4	19	55	46	63	83	67	50	56	28	19	8	42	
		SSE	3	20	69	56	73	121	73	87	56	46	17	8	52	
		S	3	11	24	43	43	36	52	62	40	40	18	4	32	
		SSW		1	4	33	19	14	31	13	18	35	11	8	16	
		SW	4	10	13	8	17	22	11	19	25	22	13	5	14	
		WSW	9	17	5	32	19	11	26	16	32	20	13	10	17	
W		28	37	38	56	43	35	66	34	65	66	57	59	49		
WNW		391	295	278	182	195	156	118	242	186	212	252	295	234		
NW	372	325	245	153	183	96	101	212	160	253	278	378	229			
NNW	32	43	50	49	66	15	30	22	25	32	54	40	38			
(0.1%)	N	21	23	27	14	20	24	20	17	18	27	43	27	23		
Number of Days With Classified	Daily Max. Temp.	0.0	3												3	
		0.1 ~ 10.0	25	28	14								7	18	92	
		10.1 ~ 20.0	3	1	12	17	4				1	1	15	20	13	87
		20.1 ~ 30.0			5	13	26	25	22	13	28	16	3			151
		30.1					1	5	9	17	1					33
	Daily Mean Temp.	-5.0	4													4
		-4.9 ~ 0.0	8	8	1										3	20
		0.1 ~ 10.0	19	21	21	5						2	18	25	111	
		10.1 ~ 20.0			9	24	20	8	3	4	12	29	12	3	124	
		20.1				1	11	22	28	27	18				107	
	Daily Min. Temp.	-15.0	8	3	1										1	13
		-14.9 ~ -5.0	17	19	7								2	10	55	
		-4.9 ~ 0.0	6	7	19	19	3					7	26	20	107	
		0.1 ~ 10.0			4	11	28	30	31	31	30	24	2		191	
		10.1														
	Daily Precip.	0.1mm	3	7	7	10	8	10	13	15	15	15	6	6	115	
		10.0mm	2	3		3	1	2	8	5	4	3	1	4	36	
		30.0mm							5	3					8	
		80.0mm							2	1					3	
		100.0mm														
60 - Minute Max. Precip.	1.0mm				8	3	6	9	12	11	8			57		
	6.0mm							7	5	2	1			15		
	10.0mm							7	5	2				14		
	20.0mm							2	2					4		
	30.0mm								1					1		
10 - Minute Max. Precip.	0.1mm				10	8	10	13	15	15	15			86		
	1.0mm				5	2	5	9	9	8	6			44		
	5.0mm							5	5	1				11		
	10.0mm							2	2					4		
Daily Max. New Snowfall	0.1cm															
	5.0cm															
	10.0cm															
	30.0cm															
Daily Max. Snow Depth	0.1cm															
	5.0cm															
	10.0cm															
	20.0cm															
	30.0cm															
Daily Min. Rel. Humid.	20%	20	12	10	10	9	1				2	5	11	80		
	21 ~ 30%	6	11	8	8	13	5				3	10	5	69		
	31 ~ 40%	2	2	3	2	6	4		2	5	1	9	6	50		
	41 ~ 50%	2	2	5	4	1	5	7	7	6	2	6	2	49		
	51 ~ 70%			5	6	2	11	16	19	17	14	2	2	94		
71%	1	2				4	6		6	1	1	3	24			
Daily Max. Wind speed	0.5 ~ 3.3%	2	2	1	1	2	9	11	8	9	4	2		51		
	3.4 ~ 7.9%	24	27	29	26	25	21	20	22	21	27	28	30	300		
	8.0 ~ 13.8%	5		1	3	4							1	15		
	13.9%															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow														
	Sleet														
	Snow Pellet														
	Hail														
	Fog														
	Frost														
	Freezing														
	Haze														
	Yellow Sand														
	Thunder Storm														
Sunshine (0%)	1	0	0	1	0	1	0	0	0	1	3	2	1	10	
< 20%	3	3	8	3	3	7	14	4	11	12	6	7	7	81	
80%	21	15	13	9	13	7	2	8	2	8	16	17	17	131	
Cloud Amount	2.4														
2.5 ~ 5.4															
5.5 ~ 7.4															
7.5															
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10216	10222	10224	10145	10075	10108	10094	10093	10089	10165	10222	10202	
		2nd	10191	10185	10199	10127	10146	10052	10065	10054	10165	10205	10189	10236	
		3rd	10256	10266	10193	10121	10094	10071	10091	10040	10175	10205	10241	10233	
	Mean Temp. (0.1)	1st	42	8	47	134	174	209	228	268	222	173	96	70	
		2nd	- 11	31	83	140	189	223	226	283	205	173	123	46	
		3rd	- 16	19	106	149	213	224	266	225	193	125	54	35	
	Mean Max.Temp. (0.1)	1st	83	51	90	187	238	253	266	311	257	209	139	113	
		2nd	35	67	128	197	241	261	256	323	239	224	175	91	
		3rd	25	61	151	196	265	263	303	265	232	164	95	75	
	Mean Min.Temp. (0.1)	1st	9	- 28	12	95	126	166	197	229	196	145	55	29	
		2nd	- 53	- 5	38	85	132	191	204	250	174	131	66	7	
		3rd	- 48	- 15	59	97	167	193	234	190	157	93	20	1	
	Mean D.P.Temp. (0.1)	1st	- 116	- 123	- 30	28	62	118	178	206	178	116	7	- 97	
		2nd	- 145	- 69	- 54	24	47	157	188	214	160	89	19	- 50	
		3rd	- 148	- 95	- 31	29	94	161	197	164	142	63	- 51	- 47	
	Mean Vapor Press (0.1hPa)	1st	29	26	53	79	99	143	205	244	206	142	69	33	
		2nd	23	41	44	76	88	179	217	256	184	115	74	46	
		3rd	24	32	51	79	120	185	231	191	163	100	47	48	
	Mean Rel. Humid. (%)	1st	33	40	61	55	53	60	75	70	78	72	57	33	
		2nd	38	52	42	50	44	69	80	68	77	60	52	53	
3rd		40	48	44	50	49	70	68	70	73	69	50	59		
Mean Wind Speed (0.1m/s)	1st	38	29	24	25	28	18	14	17	15	17	22	34		
	2nd	33	28	24	27	25	19	13	19	16	21	23	25		
	3rd	32	24	25	25	22	16	17	24	16	18	25	26		
Total Precip. (0.1mm)	1st		120	168	270	290	2	2521	286	585	324	280	5		
	2nd	4	165	20	255	45	173	1520	220	185	7	5	225		
	3rd	270	200	105	205	1	232	201	2320	278	450	50	595		
Total Evaporation (0.1mm)	1st														
	2nd														
	3rd														
Total Sunshine (0.1hr)	1st	853	859	581	690	742	802	457	944	394	445	651	739		
	2nd	761	642	651	849	1130	642	286	866	406	660	782	529		
	3rd	714	638	838	837	987	607	669	545	454	408	465	571		
Mean Cloud Amount (0.1)	1st														
	2nd														
	3rd														
First and Last of Seasonal Phenomena	Genesis	Max. Temp. 30					28				01			97(34)	
		Max. Temp. 25			16						15			183(96)	
		Mean Temp. 25						03		25				84(36)	
		Min. Temp. 25							27	15				20(10)	
	Continue	Max. Temp. 30								10 - 15				6	
		Max. Temp. 25							20	25				37	
		Mean Temp. 25							26	25				31	
		Min. Temp. 25								11 - 15				5	
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0							19 - 24						6(3)
Mean Temp. < 0								17		01				76(22)	
Min. Temp. < 0						26				15				111(65)	
Frost															
Continue	Freezing														
	Snow														
	Snow Cover														
	Max. Temp. < 0							23 - 24						2	
	Mean Temp. < 0							18 - 25						8	
	Min. Temp. < 0							06 - 26						21	

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10168	10170	10154	10082	10058	10030	10037	10014	10095	10143	10166	10171	10107
		Mean Sea Level	10218	10220	10203	10129	10104	10076	10082	10060	10141	10190	10215	10220	10155
		Highest	10301	10335	10303	10236	10270	10165	10172	10139	10236	10302	10347	10319	10347
		Date	01	25	04	19	14	05	06	27	21	30	29	25	11/29
		Lowest	10031	10010	10071	9814	9839	9949	9982	9812	9934	10063	10081	10039	9812
	Date	18	14	18	17	03	24	13	31	01	25	05	22	08/31	
(0.1)	Air Temp.	Mean	22	34	85	139	181	212	234	256	210	162	101	65	142
		Mean Max.	62	71	125	186	232	246	262	292	241	199	144	105	180
		Mean Min.	-20	-2	45	96	140	183	215	224	184	127	58	24	106
		Highest	141	139	214	288	296	320	342	345	313	248	221	159	345
		Date	03	12	29	22	31	17	28	13	01	08	14	21	08/13
		Lowest	-120	-48	-51	52	91	126	182	162	143	58	-3	-37	-120
	Date	24	07	01	12	14	02	07	27	23	30	24	16	01/24	
(0.1hPa)	Vapor Press.	Mean	30	41	63	97	127	196	253	269	214	143	79	53	130
		Highest	94	125	130	156	197	253	328	350	286	217	156	132	350
		Date	03	12	18	21	29	30	31	12	06	01	14	22	08/12
		Lowest	2	9	14	33	46	90	200	141	133	45	15	13	2
	Date	23	21	01	08	05	04	15	31	29	31	24	16	01/23	
(0.1) Mean D.P.Temp.		-119	-68	-4	60	100	169	212	221	185	118	25	-32	72	
Rel. Humid. (%)	Mean	39	52	58	64	63	79	88	82	87	77	62	54	67	
	Lowest	4	9	11	13	14	23	42	45	40	28	14	10	4	
	Date	23	21	16	23	05	17	28	31	01	31	24	02	01/23	
(0.1mm)	Precip.	00-24h Total	124	550	277	608	248	229	3075	1370	1056	763	443	502	9245
		09-09h Total													
	Highest	1 Daily	66	194	113	220	203	170	1229	476	258	248	244	195	1229
		Date	30	24	23	07	10	24	04	28	17	05	06	21	07/04
	6 6 - Hour	Date	63	145	85	161	100	110	569	314	156	187	82	195	569
		Date	30	28	23	07	10	24	04	08	28	05	06	22	07/04
	1 60 - Minute	Date				42	23	87	172	170	127	58			172
		Date				07	10	24	14	29	07	29			07/14
	10 10 - Minute	Date				10	6	41	77	78	93	20			93
		Date				16	10	24	14	29	07	29			09/07
2 2 - Day	Date	112	209	112	242	216		1579	918	279	280	262	277	1579	
	Date	29 - 30	23 - 24	09 - 10	06 - 07	10 - 11		04 - 05	28 - 29	02 - 03	05 - 06	05 - 06	21 - 22	07/04 - 07/05	
3 3 - Day	Date		76		103	20		1873	956	312	386		147	1873	
	Date		12 - 14		16 - 18	02 - 04		30 - 06	28 - 31	02 - 05	03 - 08		26 - 28	06/30 - 07/06	
(0.1mm)	Evapor.	Total													
		Highest													
(0.1mm)	Small	Date													
		Date													
(0.1mm)	Large	Total													
		Highest													
(0.1mm)	Large	Date													
		Date													
(0.1%)	Wind	Mean Speed	24	24	20	24	20	17	12	18	17	19	22	21	20
		Highest Speed	104	102	91	117	86	94	61	104	81	79	85	81	117
		Highest Dir.	WSW	NNE	NNE	WSW	WNW	N	N	N	N	NNE	N	W	WSW
		Date	18	06	14	17	04	05	25	26	08	22	15	30	04/17
		Highest Gust Speed	180	140	129	228	170	124	88	163	110	116	122	141	228
		Highest Gust Dir.	WNW	NNE	WSW	WSW	WSW	NNE	SE	N	N	N	NNE	W	WSW
		Date	19	06	29	17	03	05	22	26	20	29	15	30	04/17
		Resultant Speed	14	11	1	4	1	6	5	2	5	3	9	12	4
	Resultant Dir.	W	WNW	WSW	NNW	WSW	NE	NNE	N	N	WSW	WNW	W	WNW	
(0.1)	Cloud Amount	Mean													
		Mean Low Mid.													
(0.1)	Sunshine	Total(0.1hr)	2167	2018	1896	2053	2865	1907	1315	2313	989	1336	1786	1740	22385
		Perc.(0.1%)	705	643	511	519	650	432	293	550	266	384	585	583	502
(0.01MJ/m) Total Horizontal Radiation															
(0.1cm)	Snow	Highest	Snow Depth												
			Date												
			Snowfall												
			Date												
			Total												
(0.1)	Grass Min. Temp.	Mean	-99	-55	-19	49	91	152	200	199	153	84	2	-38	60
		Lowest	-159	-117	-90	6	55	78	176	124	101	4	-75	-88	-159
		Date	24	02	11	05	14	02	07	27	21	30	24	30	01/24
(0.1)	Mean Soil Temp.	Surface	-5	17	82	159	234	267	270	319	228	168	71	25	153
		0.05m													
		0.1m													
		0.2m													
		0.3m													
		0.5m													
		1.0m													
		1.5m													
3.0m															
	5.0m														
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	63	87	61	83	53	92	50	71	53	74	57	68	92
		NE	55	28	28	29	32	22	22	65	47	64	58	24	65
		ENE	16	23	17	39	18	19	19	18	14	39	29	15	39
		E	19	18	24	30	28	18	16	28	18	26	23	15	30
		ESE	15	41	67	68	53	63	38	41	35	34	30	17	68
		SE	32	44	69	89	76	68	53	62	48	58	36	51	89
		SSE	37	28	41	49	52	23	19	20	38	42	30	25	52
		S	31	28	26	40	40	33	21	34	20	27	27	22	40
		SSW	35	35	40	43	28	23	19	17	29	28	29	30	43
		SW	43	51	46	62	53	32	23	65	30	36	40	49	65
		WSW	102	60	55	108	67	37	28	58	24	46	42	56	108
		W	89	63	45	78	72	53	25	36	23	53	49	69	89
		WNW	74	68	44	89	59	43	27	38	32	44	53	59	89
		NW	47	45	38	38	32	46	26	43	30	46	44	53	53
	NNW	52	54	70	68	56	61	48	56	54	57	65	74	74	
	(0.1%)	N	81	87	70	106	75	83	57	97	79	66	76	70	106
	Hourly Occurrence Percentage	CALM	27	45	52	57	82	138	199	82	101	28	28	51	74
		NNE	38	47	51	67	86	143	137	73	78	58	63	19	71
		NE	20	20	32	39	69	106	79	83	67	15	22	16	47
		ENE	9	11	35	21	34	51	48	39	19	17	7	7	25
		E	11	3	28	28	44	21	28	20	13	24	15	13	21
		ESE	11	43	85	100	105	107	95	86	40	43	10	12	61
		SE	19	17	67	58	65	47	43	54	51	48	22	19	43
		SSE	34	20	24	24	22	24	17	15	33	42	18	26	25
		S	59	42	60	44	58	33	34	58	43	70	46	44	49
		SSW	140	125	134	86	93	61	38	120	99	176	118	138	111
		SW	101	103	129	94	77	54	35	118	111	183	186	142	111
		WSW	111	108	50	61	51	14	27	54	50	67	68	89	62
W		153	135	32	57	57	24	19	23	18	39	92	121	64	
WNW		98	63	38	35	31	14	15	23	22	34	75	114	47	
NW	64	80	43	36	12	18	31	38	72	47	79	79	50		
NNW	54	70	63	61	44	39	43	36	63	54	65	59	54		
(0.1%)	N	52	66	75	132	70	107	112	79	119	55	86	51	84	
Number of Days With Classified	Daily Max. Temp.	0.0	2												2
		0.1 ~ 10.0	25	23	10								7	13	78
		10.1 ~ 20.0	4	6	20	20	6					14	20	18	108
		20.1 ~ 30.0			1	10	25	29	27	16	29	17	3		157
	Daily Mean Temp.	30.1						1	4	15	1				21
		-5.0	2												2
		-4.9 ~ 0.0	4	5											9
		0.1 ~ 10.0	25	24	21	2						1	15	26	114
	Daily Min. Temp.	10.1 ~ 20.0			10	26	23	10	2	4	7	29	15	5	131
		20.1				2	8	20	29	27	23	1			110
		-15.0													
		-14.9 ~ -5.0	6		1										7
	Daily Precip.	-4.9 ~ 0.0	17	16	3								1	7	44
		0.1 ~ 10.0	8	13	23	18	1					5	25	24	117
		10.1			4	12	30	30	31	31	30	26	4		198
		0.1mm	3	10	7	12	8	5	13	6	17	16	9	6	112
	60 - Minute Max. Precip.	10.0mm		2	2	2	1	1	5	4	4	3	1	2	27
		30.0mm							4	3					7
		80.0mm							1						1
		100.0mm							1						1
	10 - Minute Max. Precip.	1.0mm				8	2	3	9	4	10	8			44
		6.0mm						1	4	4	2				11
		10.0mm							4	3	1				8
		20.0mm													
Daily Max. New Snowfall	30.0mm														
	0.1mm				12	8	5	13	6	17	16			77	
	1.0mm				2		2	6	4	8	4			26	
	5.0mm							2	3	1				6	
Daily Max. Snow Depth	10.0mm														
	0.1cm														
	5.0cm														
	10.0cm														
Daily Min. Rel. Humid.	20.0cm														
	0.1cm	21	10	5	6	3						3	8	56	
	5.0cm	4	9	9	5	4	2				2	6	6	47	
	10.0cm	2	3	6	4	11	3				1	4	8	6	
Daily Max. Wind speed	20.0cm	2	5	3	5	9	4	1	2		6	6	5	48	
	30.0cm	1	1	5	7	2	8	9	22	14	15	6	3	93	
	71%	1	1	3	3	2	13	21	7	15	4	1	3	74	
	71%	2	2	4	1	6	12	12	12	8	8	2	5	74	
Daily Max. Wind speed	0.5 ~ 3.3%	23	25	26	21	21	14	19	17	21	23	26	23	259	
	3.4 ~ 7.9%	6	2	1	8	4	4		2	1		2	3	33	

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow														
	Sleet														
	Snow Pellet														
	Hail														
	Fog														
	Frost														
	Freezing														
	Haze														
	Yellow Sand														
	Thunder Storm														
Sunshine (0%)	3	1	2	3	1	1	6	3	5	8	3	4	40		
< 20%	4	5	7	8	3	10	15	5	15	11	8	7	98		
80%	20	13	11	8	13	6	1	8	2	7	14	15	118		
Cloud Amount	2.4														
2.5 ~ 5.4															
5.5 ~ 7.4															
7.5															
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10213	10219	10220	10143	10074	10108	10093	10092	10087	10163	10219	10200	
		2nd	10187	10181	10198	10127	10146	10050	10063	10053	10162	10204	10188	10233	
		3rd	10251	10264	10193	10118	10093	10071	10090	10037	10173	10203	10237	10228	
	Mean Temp. (0.1)	1st	55	22	63	137	171	199	220	263	225	179	109	82	
		2nd	6	50	85	134	175	217	227	278	210	174	126	63	
		3rd	5	29	105	146	196	219	254	230	196	135	69	51	
	Mean Max.Temp. (0.1)	1st	99	65	105	184	226	232	250	297	256	212	149	126	
		2nd	47	84	124	186	220	254	248	314	238	220	176	102	
		3rd	43	65	145	189	247	251	287	266	231	168	106	89	
	Mean Min.Temp. (0.1)	1st	14	-18	24	102	130	165	199	231	203	151	66	35	
		2nd	-36	13	45	88	129	191	213	248	187	132	77	22	
		3rd	-36	-2	64	100	158	191	232	196	162	101	30	16	
	Mean D.P.Temp. (0.1)	1st	-99	-97	1	57	88	145	201	235	203	141	37	-60	
		2nd	-127	-42	-20	59	85	177	210	239	182	122	54	-21	
		3rd	-129	-66	6	65	126	185	224	190	168	92	-18	-16	
	Mean Vapor Press (0.1hPa)	1st	34	31	66	95	117	169	235	291	239	166	84	42	
		2nd	27	52	57	96	114	204	249	297	211	144	93	57	
		3rd	30	40	65	100	148	214	272	224	193	121	60	60	
	Mean Rel. Humid. (%)	1st	36	45	68	65	63	74	90	86	89	81	64	38	
		2nd	40	56	51	64	60	80	91	80	85	73	63	58	
3rd		42	54	55	63	66	83	85	80	85	77	58	65		
Mean Wind Speed (0.1m/s)	1st	21	24	22	24	27	17	12	15	16	19	24	23		
	2nd	27	24	18	23	19	18	13	15	19	18	19	20		
	3rd	25	23	21	25	15	15	12	24	16	20	22	21		
Total Precip. (0.1mm)	1st		96	153	285	223	2	1872	414	525	386	267	0		
	2nd	12	77	9	148	20	56	1180	0	320	42	16	78		
	3rd	112	377	115	175	5	171	23	956	211	335	160	424		
Total Evaporation (0.1mm)	1st														
	2nd														
	3rd														
Total Sunshine (0.1hr)	1st	793	865	512	676	690	718	371	921	317	375	633	693		
	2nd	737	545	615	707	1140	584	300	911	331	595	734	500		
	3rd	637	608	769	670	1035	605	644	481	341	366	419	547		
Mean Cloud Amount (0.1)	1st														
	2nd														
	3rd														
First and Last of Seasonal Phenomena	Genesis	Max. Temp. 30						17			01			77(21)	
		Max. Temp. 25				09					25			170(78)	
		Mean Temp. 25							17			01			77(34)
		Min. Temp. 25								27	15			20(8)	
	Continue	Max. Temp. 30								10 - 15				6	
		Max. Temp. 25								21	25			36	
		Mean Temp. 25								26	25			31	
		Min. Temp. 25								27 - 30				4	
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0								19 - 24					6(2)
Mean Temp. < 0									19	29				42(9)	
Min. Temp. < 0								17			12			87(47)	
Frost															
Continue	Freezing														
	Snow														
	Snow Cover														
	Max. Temp. < 0								24 - 24					1	
	Mean Temp. < 0								23 - 25					3	
	Min. Temp. < 0								18 - 28					11	

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10145	10133	10109	10032	10013	9976	9978	9960	10033	10090	10126	10142	10061
		Mean Sea Level	10255	10242	10215	10133	10113	10074	10075	10056	10132	10192	10232	10250	10164
		Highest	10342	10353	10302	10246	10243	10138	10155	10125	10232	10322	10348	10352	10353
		Date	23	25	01	19	14	06	07	27	21	30	29	30	02/25
		Lowest	10110	9993	10091	9865	9894	9965	9984	9870	9966	10063	10115	10039	9865
(0.1)	Air Temp.	Mean	-32	2	70	141	196	236	262	280	231	161	68	12	136
		Mean Max.	11	51	126	203	257	287	298	326	279	213	116	58	185
		Mean Min.	-68	-41	24	91	141	195	233	245	193	116	28	-27	94
		Highest	95	144	214	296	319	322	341	366	311	290	186	136	366
		Date	02	13	31	26	19	05	22	21	05	04	19	20	08/21
(0.1hPa)	Vapor Press.	Mean	28	35	52	83	120	179	244	240	180	117	62	42	115
		Highest	90	151	138	152	206	300	324	344	249	252	155	124	344
		Date	02	13	05	21	15	22	29	19	06	03	14	22	08/19
		Lowest	7	11	13	32	50	88	168	93	84	22	15	13	7
		Date	24	15	01	23	21	02	03	27	20	30	24	16	01/24
(0.1) Mean D.P.Temp.		-120	-94	-35	36	91	155	206	200	155	82	-18	-64	50	
Rel. Humid. (%)	Mean	53	52	51	55	56	63	73	64	65	62	57	59	59	
	Lowest	17	16	15	13	10	21	37	27	26	13	19	16	10	
	Date	31	26	31	24	20	05	19	27	20	30	20	06	05/20	
(0.1mm)	Precip.	00-24h Total	10	476	405	768	1605	544	3582	671	330	748	167	611	9917
		09-09h Total	10	476	405	768	1605	548	3578	671	330	748	167	611	9917
	Highest	1 Daily	4	210	400	235	450	305	1085	200	135	370	55	290	1085
		Date	13	13	05	16	15	22	01	26	27	25	07	21	07/01
	6 6 - Hour	Date	4	185	305	270	380	305	805	200	110	325	51	290	805
		Date	13	13	05	17	15	22	05	26	27	25	08	22	07/05
	1 60 - Minute	Date				75	120	260	515	115	45	100			515
		Date				17	15	22	29	19	02	25			07/29
	10 10 - Minute	Date				20	35	165	205	45	30	25			205
		Date				17	15	22	01	19	02	25			07/01
2 2 - Day	Date		390	402	440	475	306	1300	245	140	250	60	525	1300	
	Date		12 - 13	05 - 06	16 - 17	15 - 16	22 - 23	04 - 05	25 - 26	27 - 28	02 - 03	07 - 08	21 - 22	07/04 - 07/05	
3 3 - Day	Date		416	403	455		341	1127					526	1127	
	Date		11 - 14	04 - 06	16 - 18		22 - 24	30 - 02					21 - 23	06/30 - 07/02	
(0.1mm)	Evapor.	Total	382	454	830	974	1307	1324							
		Highest	20	27	45	50	85	80							
	Small	Date	31	21	05	11	21	22							
		Total				678	963	976							
Large	Highest				40	71	77								
	Date				29	21	22								
(0.1%)	Wind	Mean Speed	25	28	24	24	24	21	21	21	20	21	22	22	23
		Highest Speed	90	76	71	80	87	68	61	73	81	63	61	72	90
		Highest Dir.	NNW	WSW	W	NW	W	NNW	SSW	ENE	SSW	NE	WNW	NE	NNW
		Date	19	18	02	17	03	22	27	26	01	23	22	21	01/19
		Highest Gust Speed	151	144	127	167	180	105	112	136	157	128	98	129	180
		Highest Gust Dir.	NNW	NW	WNW	WNW	WNW	WSW	WNW	ENE	S	NNE	S	W	WNW
		Date	18	08	29	17	04	25	05	26	01	23	04	01	05/04
		Resultant Speed	14	16	13	7	11	11	6	8	8	6	7	10	7
Resultant Dir.	N	NW	NW	WNW	W	WSW	SW	NW	NE	N	NW	NW	NW		
(0.1)	Cloud Amount	40	37	36	48	46	53	72	46	58	53	47	47	49	
	Mean Low Mid.	26	23	19	26	25	33	44	33	31	28	37	35	30	
Sunshine	Total(0.1hr)	1961	1952	2537	2195	2801	2297	1604	2361	1916	1957	1733	1664	24978	
	Perc.(0.1%)	639	623	683	555	636	520	358	561	514	563	568	557	560	
(0.01MJ/m) Total Horizontal Radiation		24652	28843	43276	46040	59454	50807	40301	46805	37092	31814	23503	20535	453122	
(0.1cm)	Snow	Snow Depth	5	50								8	10	50	
		Date	26	28								26	29	02/28	
		Snowfall	5	50								8	10	50	
		Date	26	28								26	29	02/28	
		14	65								9	15	103		
(0.1)	Grass Min. Temp.	Mean	-103	-79	-15	53	108	165	212	223	171	88	-2	-56	64
		Lowest	-187	-159	-99	-8	36	126	173	142	108	-35	-96	-123	-187
		Date	24	03	01	04	05	02	07	27	21	30	24	16	01/24
(0.1)	Mean Soil Temp.	Surface	-14	11	91	170	232	282	283	319	249	170	72	16	157
		0.05m Underground	-15	7	77	155	212	256	269	292	239	172	83	27	148
		0.1m "	-6	6	75	148	204	249	264	287	238	176	90	33	147
		0.2m "	7	12	74	145	199	244	261	284	238	183	100	43	149
		0.3m "	13	13	69	135	186	230	247	271	233	183	109	52	145
		0.5m "	28	19	69	133	187	232	252	277	245	199	121	61	152
		1.0m "	60	40	68	119	167	209	235	260	243	210	149	92	154
		1.5m "	85	62	74	112	154	193	222	245	239	216	172	123	158
3.0m "	144	123	109	112	127	148	174	192	205	205	194	171	159		
5.0m "	166	154	141	133	131	136	148	160	172	180	183	179	157		
(0.01hr) Dur. of Precip.		2416	7095	1816	6373	8278	4380	12117	4694	3305	6880	4546	7130	69030	
(0.01hr) Dur. of Fog			167	300	100								108	675	

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	45	35	43	12	26	19	20	51	35	26	22	33	51
		NE	55	48	24	18	47	42	50	65	53	50	49	63	65
		ENE	51	25	32	31	37	38	53	66	53	51	43	60	66
		E	39	59	37	43	36	34	32	45	51	30	28	23	59
		ESE	34	53	37	60	27	30	31	35	43	30	21	11	60
		SE	30	36	37	57	34	23	29	20	36	29	22		57
		SSE	31	26	29	34	34	37	31	37	27	38	22	23	38
		S			31	33	40	36	43	20	45	35	44	54	54
		SSW	29	17	31	41	53	48	55	58	78	47	54	19	78
		SW	35	20	26	36	52	39	51	30	33	54	35	33	54
		WSW	30	66	42	60	57	42	44	48	40	37	49	49	66
		W	39	62	62	67	85	49	41	57	38	53	51	57	85
		WNW	62	61	63	62	67	59	59	45	43	61	57	57	67
		NW	78	62	49	67	72	30	32	42	34	45	52	56	78
	NNW	84	59	53	46	66	55	32	36	22	45	32	47	84	
	(0.1%)	N	66	71	48	27	28	21	33	31	21	21	23	23	71
	Hourly Occurrence Percentage	CALM	34	19	13	42	27	31	30	35	40	31	21	32	29
		NNE	79	23	31	7	40	49	34	82	103	90	69	150	63
		NE	113	16	20	4	59	68	94	138	221	181	158	154	103
		ENE	56	42	39	60	52	38	87	93	193	126	71	51	76
		E	97	59	59	96	42	19	30	12	36	34	28	9	43
		ESE	43	72	63	110	24	24	20	7	25	39	7	3	36
		SE	28	29	13	32	31	13	26	5	19	22	6		19
		SSE	17	6	22	18	30	25	23	12	7	11	15	4	16
		S			12	15	22	29	46	9	7	15	29	12	16
		SSW	8	4	13	26	50	92	137	19	33	15	68	12	40
		SW	15	6	13	19	66	82	85	32	18	22	38	23	35
		WSW	9	30	58	72	132	128	89	78	31	40	54	77	67
W		27	60	86	94	179	250	155	176	104	132	143	181	132	
WNW		51	149	87	117	141	94	99	149	82	121	164	146	117	
NW	176	247	233	217	56	25	20	71	25	62	64	54	104		
NNW	170	191	171	63	31	15	7	38	22	26	24	26	65		
(0.1%)	N	77	47	66	8	19	19	20	43	33	35	42	66	40	
Number of Days With Classified	Daily Max. Temp.	0.0	7	3										4	14
		0.1 ~ 10.0	24	23	9							1	13	21	91
		10.1 ~ 20.0		3	19	14	3			1		8	17	6	71
		20.1 ~ 30.0			3	16	24	22	14	5	28	22			134
	Daily Mean Temp.	30.1					4	8	17	25	2				56
		-5.0	9	3										1	13
		-4.9 ~ 0.0	14	12	3								2	11	42
		0.1 ~ 10.0	8	13	20						3	19	19		82
	Daily Min. Temp.	10.1 ~ 20.0		1	8	29	17			1	1	24	9		90
		20.1				1	14	30	31	30	29	4			139
		-15.0	3												3
		-14.9 ~ -5.0	15	13	2								1	8	39
	Daily Precip.	-4.9 ~ 0.0	11	11	6								10	15	53
		0.1 ~ 10.0	2	5	23	18	1				9	15	8		81
		10.1				12	30	30	31	31	30	22	4		190
		0.1mm	4	8	5	10	9	8	17	11	7	9	11	10	109
	60 - Minute Max. Precip.	10.0mm		2	1	3	5	2	5	3	1	2		2	26
		30.0mm			1		2	1	4		1				9
		80.0mm							2						2
		100.0mm							2						2
	10 - Minute Max. Precip.	1.0mm				8	8	5	9	7	5	6			48
		6.0mm				2	5	2	5	3	2				19
		10.0mm					1	1	4	1	1				8
		20.0mm						1	3						4
Daily Max. New Snowfall	30.0mm							3						3	
	10.0mm				10	9	8	17	11	7	9			71	
	5.0mm				4	6	4	7	6	5	3			35	
	10.0mm						1	4						5	
Daily Max. Snow Depth	10.0mm						1	3						4	
	0.1cm	3	3									1	2	9	
	5.0cm		1											1	
	10.0cm														
Daily Min. Rel. Humid.	0.1cm	4	4									1	2	11	
	5.0cm		1											1	
	10.0cm														
	20.0cm														
Daily Max. Wind speed	30.0cm														
	20%	2	7	12	9	7					1	1	2	41	
	21 ~ 30%	16	14	9	9	11	6		1	4	4	11	10	95	
	31 ~ 40%	5	2	5	5	7	9	5	14	8	11	6	2	79	
Daily Max. Wind speed	41 ~ 50%	4	1	3	3	2	8	11	14	12	9	6	10	83	
	51 ~ 70%	4	4	1	3	3	7	12	2	5	5	5	6	57	
	71%		1	1	1	1		3		1	1	1	1	11	
	0.5 ~ 3.3%		1	1				2	2	3	6	3	5	23	
Daily Max. Wind speed	3.4 ~ 7.9%	29	28	30	29	29	30	29	29	26	25	27	26	337	
	8.0 ~ 13.8%	2			1	2				1				6	
	13.9%														

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Number of Days With Phenomena	Snow	6	7										1	7	21	
	Sleet												1		1	
	Snow Pellet			1											1	
	Hail															
	Fog		2	1	1									1	5	
	Frost	8	8									1	5	6	28	
	Freezing	28	27	8								1	13	23	100	
	Haze	8	7	11	9	9	14	8	11	17	13	15	18		140	
	Yellow Sand			2	4	1									7	
	Thunder Storm		1	1			2	3	1	2			1		11	
	Sunshine (0%)	1	3	1	4	2	0	4	1	2	3	2	2	2	25	
	< 20%	3	6	4	6	5	6	9	3	4	5	6	6	6	63	
	80%	14	15	16	9	15	9	2	9	3	9	11	12	12	124	
	Cloud Amount	9	13	14	8	8	6	1	6	2	5	11	10	10	93	
2.5 ~ 5.4	11	7	9	8	10	9	4	15	13	10	5	6	6	107		
5.5 ~ 7.4	8	5	4	7	6	10	12	6	8	8	3	7	7	84		
7.5	3	4	4	7	7	5	14	4	7	8	11	8	8	82		
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10251	10247	10230	10148	10090	10101	10085	10085	10078	10161	10232	10237		
		2nd	10225	10199	10210	10137	10150	10053	10052	10050	10149	10210	10204	10256		
		3rd	10287	10286	10206	10115	10100	10068	10088	10034	10168	10204	10261	10256		
	Mean Temp. (0.1)	1st	3	-18	51	128	174	230	246	297	244	186	81	24		
		2nd	-45	24	67	133	196	233	257	297	235	170	101	16		
		3rd	-51	0	91	161	214	244	282	249	214	130	22	-1		
	Mean Max.Temp. (0.1)	1st	40	38	98	193	231	290	284	342	289	240	128	72		
		2nd	3	66	124	196	266	281	296	345	286	230	152	62		
		3rd	-7	47	154	221	273	290	314	295	262	173	68	42		
	Mean Min.Temp. (0.1)	1st	-31	-65	11	78	122	184	212	260	205	141	39	-21		
		2nd	-81	-18	18	87	131	195	224	263	196	122	61	-20		
		3rd	-90	-38	40	107	169	205	260	214	177	89	-15	-37		
	Mean D.P.Temp. (0.1)	1st	-77	-128	-47	29	84	122	196	220	182	108	1	-59		
		2nd	-131	-52	-33	42	78	170	196	221	150	94	21	-69		
		3rd	-148	-103	-25	38	111	171	225	164	133	48	-76	-62		
	Mean Vapor Press (0.1hPa)	1st	39	25	51	80	115	145	229	264	210	138	70	42		
		2nd	25	50	51	85	108	195	228	268	175	121	78	41		
		3rd	22	30	53	84	135	197	273	194	156	94	38	43		
	Mean Rel. Humid. (%)	1st	58	46	53	57	61	54	76	65	70	63	59	56		
		2nd	53	62	52	58	52	69	71	66	61	64	60	55		
3rd		48	48	49	49	56	66	72	62	62	60	51	65			
Mean Wind Speed (0.1m/s)	1st	22	25	27	22	27	21	21	17	19	25	24	22			
	2nd	28	31	22	27	22	22	22	18	23	15	20	20			
	3rd	24	27	24	24	22	22	22	26	17	23	23	24			
Total Precip. (0.1mm)	1st			403	125	740	1	2425	30	95	330	67	75			
	2nd	7	424	1	470	480	200	538	122	95	15	60	2			
	3rd	3	52	1	173	385	343	619	519	140	403	40	534			
Total Evaporation (0.1mm)	1st	120	178	244	310	322	516									
	2nd	106	112	234	313	472	373									
	3rd	156	164	352	351	513	435									
Total Sunshine (0.1hr)	1st	608	854	623	731	674	958	553	879	631	734	583	621			
	2nd	649	435	799	808	1174	701	562	763	729	778	634	554			
	3rd	704	663	1115	656	953	638	489	719	556	445	516	489			
Mean Cloud Amount (0.1)	1st	44	15	53	44	63	41	68	35	58	51	55	38			
	2nd	36	53	34	44	28	59	73	46	50	39	40	47			
	3rd	40	42	21	56	47	58	74	57	64	68	48	56			
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 0					19				13				118(56)	
		Max. Temp. < 25				25					20				179(136)	
		Mean Temp. < 25						21			05				77(50)	
		Min. Temp. < 25								22	24				34(32)	
	Continue	Max. Temp. < 30								30	25				27	
		Max. Temp. < 25								18	27				41	
		Mean Temp. < 25								19	25				38	
		Min. Temp. < 25								04	24				21	
	'15.7 - '16.6 Low Temp. Phenomena		'15	7	8	9	10	11	12	'16	1	2	3	4	5	6
	Genesis	Max. Temp. < 0							17		29					75(14)
		Mean Temp. < 0						26				11				107(52)
		Min. Temp. < 0						26				15				111(86)
Frost					30					25					119(30)	
Freezing					31						15				137(89)	
Snow						26				29					96(20)	
Continue	Snow Cover						03			29					89(12)	
	Max. Temp. < 0								19	25					7	
	Mean Temp. < 0								18	28					11	
	Min. Temp. < 0								04	10					38	
	Frost								06	09					4	
	Freezing								05	11					38	
Snow	Snow								14	16					3	
	Snow Cover								28	29					2	

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Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10166	10154	10130	10051	10033	9996	9996	9979	10051	10109	10145	10161	10081
		Mean Sea Level	10257	10245	10218	10137	10116	10078	10077	10059	10133	10194	10233	10251	10167
		Highest	10344	10352	10304	10249	10242	10138	10159	10125	10230	10322	10350	10351	10352
		Date	23	25	01	19	14	06	07	27	21	30	29	30	02/25
		Lowest	10118	9986	10099	9866	9890	9971	9981	9872	9966	10059	10120	10043	9866
(0.1)	Air Temp.	Mean	-22	9	64	127	183	221	252	274	229	162	74	22	133
		Mean Max.	11	46	105	177	230	258	282	309	267	201	110	56	171
		Mean Min.	-51	-25	30	90	144	190	229	246	198	126	40	-12	100
		Highest	111	156	195	278	293	287	323	340	291	277	188	130	340
		Date	02	13	04	26	19	05	22	21	05	04	13	22	08/21
(0.1hPa)	Vapor Press.	Mean	38	46	70	106	155	232	301	317	238	145	69	48	147
		Highest	116	172	155	177	244	328	403	452	328	283	166	145	452
		Date	02	13	04	21	27	23	31	06	05	03	05	22	08/06
		Lowest	10	15	18	41	72	130	220	118	109	24	18	14	10
		Date	24	15	01	25	05	02	06	27	20	30	24	06	01/24
(0.1) Mean D.P.Temp.		-79	-53	9	75	131	197	240	245	200	113	-2	-45	86	
Rel. Humid. (%)	Mean	67	66	71	75	76	88	94	86	85	75	61	63	76	
	Lowest	29	25	15	15	17	39	59	37	36	13	18	20	13	
	Date	10	11	31	25	21	01	12	21	20	30	20	06	10/30	
(0.1mm)	Precip.	00-24h Total	28	431	441	808	1485	195	3005	265	345	787	182	671	8643
		09-09h Total	27	431	441	808	1485	195	3005	265	345	787	182	671	8642
	Highest	1 Daily	16	219	421	305	408	88	1070	143	151	324	69	330	1070
		Date	13	13	05	16	24	15	01	31	02	25	11	21	07/01
	6 6 - Hour	Date	16	195	383	313	360	84	783	83	151	277	69	308	783
		Date	13	13	05	17	24	15	01	26	02	25	11	22	07/01
	1 60 - Minute	Date				90	93	64	466	48	122	84			466
		Date				16	03	15	05	31	02	25			07/05
	10 10 - Minute	Date				24	24	34	110	24	75	23			110
		Date				16	03	11	29	31	02	02			07/29
2 2 - Day	Date		351	439	467	489		1077	121	106	319	42	529	1077	
	Date		12 - 13	04 - 05	16 - 17	02 - 03		01 - 02	25 - 26	27 - 28	02 - 03	13 - 14	21 - 22	07/01 - 07/02	
3 3 - Day	Date		375		469			1095				24	530	1095	
	Date		11 - 13		16 - 18			30 - 02				06 - 08	21 - 23	06/30 - 07/02	
(0.1mm)	Evapor.	Total	521	655	956	1248	1753	1537							
		Highest	27	39	56	90	101	80							
	Small	Date	30	05	29	25	19	01							
		Total				789	1264	1131							
Large	Highest				62	63	68								
	Date				30	21	01								
(0.1%)	Wind	Mean Speed	35	37	33	31	32	26	27	27	24	31	34	34	31
		Highest Speed	130	101	91	142	134	70	84	95	93	97	89	102	142
		Highest Dir.	NNW	NNW	NNW	NNW	W	S	S	WNW	E	N	N	NNW	NNW
		Date	18	08	10	17	03	15	05	31	17	08	22	05	04/17
		Highest Gust Speed	194	162	137	207	210	119	130	161	143	145	135	155	210
		Highest Gust Dir.	N	NNW	SSE	N	W	SSW	SSE	N	SSW	SSW	NNE	NNW	W
		Date	18	08	05	17	03	15	05	31	01	03	08	05	05/03
		Resultant Speed	23	17	11	10	15	14	13	12	2	12	8	16	8
Resultant Dir.	N	NW	WNW	WSW	WSW	W	SW	NNW	NE	NE	N	N	NW		
(0.1)	Cloud Amount	43	37	38	52	49	57	72	49	60	57	49	48	51	
	Mean Low Mid.	28	24	19	30	25	37	46	31	30	26	35	34	30	
Sunshine	Total(0.1hr)	1996	2046	2526	2104	2816	2460	1842	2631	2145	1918	1748	1715	25947	
	Perc.(0.1%)	650	652	680	532	639	557	411	626	576	551	573	574	581	
(0.01MJ/m) Total Horizontal Radiation		23761	27951	42519	43345	55543	52753	43936	50124	38100	29778	22037	19296	449143	
Snow (0.1cm)	Highest	Snow Depth	27	58								5	18	58	
		Date	13	28								26	29	02/28	
		Snowfall	27	58								5	18	58	
		Date	13	28								26	29	02/28	
Total		43	71								5	19	138		
Grass Min. Temp. (0.1)	Mean	-89	-67	-15	47	105	163	212	219	163	89	4	-45	66	
	Lowest	-174	-141	-85	2	54	130	177	135	100	0	-76	-113	-174	
	Date	24	07	12	15	05	01	07	27	21	31	24	30	01/24	
(0.1)	Mean Soil Temp.	Surface	-4	16	87	157	207	271	272	309	247	162	63	14	150
		0.05m Underground	7	13	69	132	185	241	259	291	240	173	89	37	145
		0.1m "	9	13	67	131	184	238	257	288	239	174	92	39	144
		0.2m "	13	14	68	130	182	236	255	287	240	179	101	48	146
		0.3m "	19	18	67	127	179	231	252	284	240	184	107	53	147
		0.5m "	34	27	64	119	168	219	244	274	238	187	114	60	146
		1.0m "	55	41	63	107	149	193	221	251	235	200	139	86	145
		1.5m "	81	60	68	99	134	176	205	233	228	203	157	108	146
3.0m "	125	103	92	99	116	139	166	185	199	198	182	153	146		
5.0m "	155	144	131	123	120	124	135	146	157	166	171	167	145		
(0.01hr) Dur. of Precip.		2886	6272	1310	6118	7220	3204	10628	2616	3147	6731	5167	5833	61132	
(0.01hr) Dur. of Fog		1293	2593	591	3775	813	2447	1121	292	117	980	425	14447		

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Element		1	2	3	4	5	6	7	8	9	10	11	12			
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	60	85	76	79	48	39	32	47	45	73	71	71	85	
		NE	46	25	44	57	44	40	14	49	50	43	53	39	57	
		ENE	35	20	31	53	50	28	48	74	50	41	22	41	74	
		E	42	34	23	54	56	50	67	87	68	74	40	70	87	
		ESE	35	39	33	70	32	46	58	71	64	55	39	48	71	
		SE	32	60	36	46	41	53	57	34	53	68	48	44	68	
		SSE	38	67	86	79	105	47	45	35	59	63	50	61	105	
		S	44	60	72	75	69	54	71	31	52	68	58	49	75	
		SSW	31	60	62	61	76	67	59	30	72	70	56	46	76	
		SW	41	70	74	72	74	59	64	35	77	65	63	48	77	
		WSW	35	56	70	68	70	45	61	38	41	43	43	32	70	
		W	50	90	59	101	124	49	48	43	39	66	46	29	124	
		WNW	46	72	64	66	117	50	45	76	41	57	54	62	117	
		NW	83	75	59	78	58	54	53	77	39	59	67	66	83	
	NNW	123	94	84	123	60	57	43	85	42	80	78	93	123		
	(0.1%)	N	77	95	81	46	50	59	36	58	38	81	79	79	95	
	Hourly Occurrence Percentage	CALM	16	14	16	15	19	13	23	40	43	17	11	20	21	
		NNE	221	79	83	81	48	40	24	86	113	223	182	235	118	
		NE	68	13	9	43	32	15	1	31	63	59	40	39	35	
		ENE	8	6	5	11	5	6	5	17	26	17	10	16	11	
		E	23	9	7	35	4	10	28	46	67	93	18	32	31	
		ESE	30	22	12	26	15	10	30	17	53	47	51	19	28	
		SE	16	52	28	25	27	19	46	19	65	70	71	36	39	
		SSE	32	46	47	40	51	28	51	32	92	79	103	99	58	
		S	40	60	71	63	73	51	67	9	31	54	94	66	57	
		SSW	21	37	78	83	74	65	79	11	32	9	46	27	47	
		SW	35	57	130	138	144	138	165	59	29	8	31	17	79	
		WSW	23	66	125	126	144	190	183	102	60	22	25	17	90	
W		32	59	71	114	124	176	126	136	75	28	29	8	81		
WNW		19	56	31	44	65	64	43	52	56	19	25	24	41		
NW	40	93	34	38	38	36	13	81	26	28	24	50	42			
NNW	215	230	160	67	93	90	77	204	114	109	113	168	136			
(0.1%)	N	160	101	91	51	46	49	38	56	57	117	128	126	85		
Number of Days With Classified	Daily Max. Temp.	0.0	10	4										3	17	
		0.1 ~ 10.0	20	22	11							1	14	23	91	
		10.1 ~ 20.0	1	3	20	24	7						13	16	5	89
		20.1 ~ 30.0				6	24	30	21	8	30	17				136
	Daily Mean Temp.	30.1							10	23					33	
		-5.0	8	2											10	
		-4.9 ~ 0.0	13	9	3								2	12	39	
		0.1 ~ 10.0	10	17	23	4						3	17	19	93	
	Daily Min. Temp.	10.1 ~ 20.0		1	5	26	23	3		1	1	24	11		95	
		20.1					8	27	31	30	29	4			129	
		-15.0	1												1	
		-14.9 ~ -5.0	14	9	1									6	30	
	Daily Precip.	-4.9 ~ 0.0	12	14	6								8	15	55	
		0.1 ~ 10.0	4	6	24	20	1					6	17	10	88	
		10.1				10	30	30	31	31	30	25	5		192	
		0.1mm	4	8	4	11	8	5	12	4	6	9	11	9	91	
	60 - Minute Max. Precip.	10.0mm		2	1	3	5		5	1	2	2	2	2	23	
		30.0mm			1	1	3		4		1	1	1	1	11	
		80.0mm							1						1	
		100.0mm							1						1	
	10 - Minute Max. Precip.	1.0mm				5	6	4	9	3	4	6			37	
		6.0mm				2	3	1	5		1	2			14	
		10.0mm							4		1				5	
		20.0mm							3						3	
Daily Max. New Snowfall	30.0mm							2						2		
	0.1mm				11	8	5	12	4	6	9			55		
	1.0mm				3	5	3	6	2	2	3			24		
	5.0mm							3		1				4		
Daily Max. Snow Depth	10.0mm							2						2		
	0.1cm	2	3									1	2	8		
	5.0cm		1											1		
	10.0cm															
Daily Min. Rel. Humid.	30.0cm	3	4									1	2	10		
	0.1cm													1		
	5.0cm															
	10.0cm															
Daily Max. Wind speed	20% 21 ~ 30%			1	2	2					1	1	1	8		
	31 ~ 40%	2	4	3	6	2					1	6	5	29		
	41 ~ 50%	10	13	11	9	9	1			2	5	10	7	79		
	51 ~ 70%	9	3	8	3	4	6			2	3	6	6	54		
Daily Max. Wind speed	71%	8	6	6	4	6	10	9	14	17	14	6	13	113		
	0.5 ~ 3.3%	2	3	2	6	8	13	22	13	8	4	1	1	83		
	3.4 ~ 7.9%	1		1							1		2	5		
	8.0 ~ 13.8%	26	20	26	26	28	30	30	28	28	25	27	24	318		
Wind speed	13.9%	4	9	4	3	3			1	3	2	5	3	42		
					1									1		

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Element		1	2	3	4	5	6	7	8	9	10	11	12			
Number of Days With Phenomena	Snow	8	5										1	6	20	
	Sleet		1										1	2	4	
	Snow Pellet															
	Hail															
	Fog	2	3	3	6	3	8	8	1			1	2	1	38	
	Frost	9	10	3									2	6	30	
	Freezing	29	25	8									9	24	95	
	Haze	4	2	11	4	7	2				2	5	12	14	63	
	Yellow Sand			3	3	2									8	
	Thunder Storm		1	1	1		1	3	1	4			2		14	
	Sunshine (0%)	2	2	1	3	3	0	4	1	2	4	2	3		27	
	< 20%	4	5	5	6	4	6	9	3	4	6	5	7		64	
	80%	15	16	16	9	15	6	2	11	5	10	12	12		129	
	Cloud Amount															
2.4	7	12	11	6	8	4	1	6	3	5	9	9		81		
2.5 ~ 5.4	14	8	11	9	11	9	6	12	9	8	6	11		114		
5.5 ~ 7.4	9	6	4	7	2	10	8	7	9	8	7	4		81		
7.5	1	3	5	8	10	7	16	6	9	10	8	7		90		
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10252	10249	10232	10152	10093	10105	10087	10089	10080	10163	10233	10239		
		2nd	10227	10200	10213	10140	10153	10057	10052	10054	10150	10212	10204	10256		
		3rd	10289	10289	10210	10119	10104	10071	10090	10037	10169	10204	10263	10258		
	Mean Temp. (0.1)	1st	13	-9	51	114	165	214	235	285	241	185	86	36		
		2nd	-34	31	62	121	183	216	247	288	233	171	106	25		
		3rd	-43	6	78	148	199	232	271	250	214	134	30	6		
	Mean Max.Temp. (0.1)	1st	42	31	87	164	212	256	267	321	277	225	123	71		
		2nd	4	67	103	170	237	251	279	322	271	213	141	55		
		3rd	-10	39	124	196	241	268	297	287	252	168	66	43		
	Mean Min.Temp. (0.1)	1st	-14	-45	17	78	126	178	211	257	212	147	49	-4		
		2nd	-63	-6	28	84	136	187	221	264	199	136	73	-7		
		3rd	-75	-23	43	109	167	206	253	220	184	99	0	-25		
	Mean D.P.Temp. (0.1)	1st	-38	-81	-5	61	119	171	225	268	225	143	17	-37		
		2nd	-90	-17	8	83	122	205	231	270	195	131	35	-50		
		3rd	-106	-61	24	80	152	214	262	202	179	69	-56	-47		
	Mean Vapor Press (0.1hPa)	1st	51	35	67	97	142	198	274	353	274	173	79	50		
		2nd	34	62	68	112	144	242	284	356	232	154	85	47		
		3rd	30	41	75	110	176	257	341	248	208	111	44	48		
	Mean Rel. Humid. (%)	1st	71	60	69	75	78	79	95	92	92	79	64	61		
		2nd	66	74	71	81	72	94	91	91	81	79	63	59		
		3rd	63	64	73	69	79	91	95	77	82	68	55	69		
	Mean Wind Speed (0.1m/s)	1st	30	32	42	28	42	25	26	21	26	35	36	34		
		2nd	38	42	28	33	30	27	27	22	27	23	30	32		
		3rd	37	36	30	31	25	26	28	37	21	34	35	35		
Total Precip. (0.1mm)	1st	0		439	115	694	0	2146	0	161	407	33	121			
	2nd	19	388	1	483	383	126	508		78	15	113	8			
	3rd	9	43	1	210	408	69	351	265	106	365	36	542			
Total Evaporation (0.1mm)	1st	154	292	239	316	542	593									
	2nd	163	169	257	352	634	480									
	3rd	204	194	460	580	577	464									
Total Sunshine (0.1hr)	1st	637	876	616	668	689	961	638	1003	708	723	597	646			
	2nd	657	499	842	783	1186	773	610	805	827	777	630	543			
	3rd	702	671	1068	653	941	726	594	823	610	418	521	526			
Mean Cloud Amount (0.1)	1st	46	15	56	51	64	49	72	39	61	55	58	38			
	2nd	40	52	32	49	28	62	72	53	53	45	39	47			
	3rd	42	43	26	56	55	60	72	54	66	69	50	58			
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 30							08	25					49(33)	
		Max. Temp. < 25				26						05			163(117)	
		Mean Temp. < 25								08		05				60(46)
		Min. Temp. < 25								21	24					35(31)
	Continue	Max. Temp. < 30									03 - 25					23
		Max. Temp. < 25								18	29					43
		Mean Temp. < 25								19	25					38
		Min. Temp. < 25									02 - 24					23
	'15.7 - '16.6 Low Temp. Phenomena		'15	7	8	9	10	11	12	'16	1	2	3	4	5	6
	Genesis	Max. Temp. < 0								17		29				75(17)
		Mean Temp. < 0							26				10			106(43)
		Min. Temp. < 0							26				12			108(77)
Frost									01			26			117(33)	
Freezing								26				15			111(85)	
Snow								26				28			95(21)	
Continue	Snow Cover							26			29				96(12)	
	Max. Temp. < 0								19 - 25						7	
	Mean Temp. < 0								18 - 27						10	
	Min. Temp. < 0								18						24	
	Frost									07 - 10					4	
	Freezing								04		10				38	
Snow	Snow									22 - 23					2	
	Snow Cover									28 - 29					2	

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10061	10052	10030	9955	9939	9902	9908	9888	9962	10015	10048	10061	9985
		Mean Sea Level	10251	10239	10212	10130	10110	10071	10075	10054	10132	10191	10231	10248	10162
		Highest	10348	10360	10304	10246	10254	10141	10152	10129	10238	10324	10354	10361	10361
		Date	01	25	01	19	14	06	07	27	21	30	29	30	12/30
		Lowest	10091	9987	10084	9860	9889	9954	9984	9866	9965	10060	10116	10038	9860
		18	13	18	17	03	24	01	31	01	05	05	22	04/17	
(0.1)	Air Temp.	Mean	-25	8	71	148	193	236	257	270	218	151	67	8	134
		Mean Max.	20	60	128	213	259	289	297	319	264	200	117	54	185
		Mean Min.	-69	-38	16	90	130	190	224	229	181	113	22	-34	88
		Highest	106	173	203	300	307	324	338	357	303	284	190	142	357
		Date	03	13	31	26	22	22	11	20	05	04	14	22	08/20
		Lowest	-159	-108	-98	46	86	137	191	136	110	13	-59	-111	-159
		24	03	01	01	17	02	19	27	21	30	25	16	01/24	
(0.1hPa)	Vapor Press.	Mean	31	39	50	81	109	165	230	223	175	121	66	45	111
		Highest	80	162	141	154	197	258	302	284	247	238	149	142	302
		Date	03	13	05	21	15	12	30	14	05	03	14	22	07/30
		Lowest	5	10	11	18	33	73	163	109	70	22	13	12	5
		23	07	10	06	14	02	10	27	20	30	02	16	01/23	
(0.1) Mean D.P.Temp.		-106	-78	-39	30	76	142	197	189	151	91	-4	-53	50	
Rel. Humid. (%)	Mean	57	57	51	51	53	58	71	64	68	70	64	66	61	
	Lowest	13	10	9	6	6	19	33	24	23	14	12	11	6	
	Date	23	07	31	06	22	02	10	20	20	30	02	01	05/22	
(0.1mm)	Precip.	00~24h Total	16	458	365	715	874	358	3601	494	471	814	243	337	8746
		09~09h Total													
	Highest	1 Daily	13	139	350	160	220	218	1119	267	335	365	78	143	1119
		Date	18	13	05	07	24	12	05	26	17	25	10	21	07/05
	6 6 - Hour	Date	13	122	271	138	173	142	887	242	196	302	78	129	887
		Date	18	14	05	17	16	12	05	26	17	25	08	22	07/05
	1 60 - Minute	Date				52	55	102	574	99	107	84			574
		Date				18	15	12	05	26	04	03			07/05
	10 10 - Minute	Date				35	17	64	211	22	39	82			211
		Date				18	03	12	05	26	04	03			07/05
2 2 - Day	Date		209	357	231	233	228	1960	32	109	143	94	246	1960	
	Date		12 - 13	04 - 05	16 - 17	15 - 16	11 - 12	04 - 05	28 - 29	04 - 05	02 - 03	10 - 11	21 - 22	07/04 - 07/05	
3 3 - Day	Date		217		296		91	2718					258	2718	
	Date		12 - 14		16 - 18		22 - 24	01 - 06					21 - 23	07/01 - 07/06	
(0.1mm)	Evapor.	Total													
		Highest													
(0.1mm)	Small	Date													
		Date													
(0.1mm)	Large	Total													
		Highest													
(0.1mm)	Date	Date													
		Date													
(0.1%)	Wind	Mean Speed	10	12	11	14	13	12	11	12	10	9	8	8	11
		Highest Speed	65	55	53	60	75	48	50	54	55	59	39	51	75
		Highest Dir.	WSW	WSW	SW	SW	WSW	NNE	SSW	SW	SSW	SE	SSE	WNW	WSW
		Date	19	23	29	17	04	22	05	31	01	25	07	01	05/04
		Highest Gust Speed	124	105	101	120	148	93	122	139	98	112	75	125	148
		Highest Gust Dir.	WSW	SW	S	W	WSW	SSE	WSW	SW	S	SE	SSE	WNW	WSW
		Date	19	14	05	17	04	15	05	31	01	25	10	01	05/04
		Resultant Speed	5	7	3	5	6	5	3	3	1	0	3	4	3
Resultant Dir.	W	WSW	WSW	WSW	WSW	WSW	WSW	NW	NNE	NW	WSW	W	W		
(0.1)	Cloud Amount	Mean													
		Mean Low Mid.													
Sunshine	Total(0.1hr)	1655	1773	2101	1929	2632	2112	1290	1887	1263	1456	1486	1346	20930	
	Perc.(0.1%)	538	565	565	488	598	479	288	449	339	418	487	450	469	
(0.01MJ/m) Total Horizontal Radiation		25944	31607	45489	49479	66776	60726	42841	53110	35514	31730	25820	20823	489859	
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
(0.1)	Grass Min. Temp.	Mean	-131	-101	-45	35	85	160	206	206	150	68	-39	-87	42
		Lowest	-219	-186	-109	-37	32	82	171	94	60	-49	-129	-147	-219
(0.1)	Mean Soil Temp.	Date	24	03	11	01	17	02	19	27	21	30	24	30	01/24
		Surface	-17	1	66	149	203	264	265	293	222	154	69	14	140
		0.05m													
		Underground													
		0.1m													
		"													
		0.2m													
		"													
		0.3m													
		"													
0.5m															
"															
1.0m															
"															
1.5m															
"															
3.0m															
"															
5.0m															
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	29	32	37	33	29	43	21	30	43	30	22	20	43
		NE	13	14	20	37	24	17	22	30	31	19	18	13	37
		ENE	9	15	18	28	17	15	18	27	19	15	13	11	28
		E	13	16	47	27	15	20	15	27	29	14	14	23	47
		ESE	12	10	19	18	23	16	20	21	23	23	24	12	24
		SE	9	42	39	43	29	31	31	27	28	52	31	6	52
		SSE	9	39	43	49	34	39	31	26	31	41	34	43	49
		S	19	20	35	35	31	34	26	19	31	36	20	40	40
		SSW	19	32	31	44	37	37	44	28	54	30	28	36	54
		SW	39	42	45	50	49	31	28	50	40	24	27	33	50
		WSW	47	51	40	53	59	31	33	33	21	28	31	41	59
		W	45	35	31	45	57	27	24	25	23	20	21	44	57
		WNW	42	44	40	36	31	29	20	23	23	23	27	39	44
		NW	15	21	19	21	23	22	20	20	15	28	13	17	28
	NNW	16	13	27	20	20	25	18	19	19	14	15	9	27	
	(0.1%)	N	21	10	39	26	19	19	31	23	24	27	18	27	39
	Hourly Occurrence Percentage	CALM	300	267	235	161	207	132	176	132	258	327	378	434	251
		NNE	47	34	52	81	78	101	75	163	119	90	51	50	79
		NE	55	39	67	60	47	29	52	87	85	44	36	43	54
		ENE	19	20	20	28	26	21	19	26	24	13	14	21	21
		E	32	37	55	35	19	32	22	28	38	28	24	39	32
		ESE	44	34	51	36	51	40	73	55	56	43	40	21	46
		SE	11	11	40	51	24	15	42	19	32	47	22	5	27
		SSE	5	17	20	26	22	22	35	11	44	44	22	5	23
		S	12	14	16	26	32	21	17	12	19	26	15	5	18
		SSW	39	56	42	44	56	63	78	40	38	27	33	30	45
		SW	97	135	112	107	141	151	122	91	38	54	99	60	100
WSW		140	155	103	140	117	135	90	89	51	54	107	111	107	
W		90	99	60	65	62	83	63	81	39	47	51	83	69	
WNW	66	45	55	44	51	64	52	48	32	48	38	43	49		
NW	16	17	27	28	26	28	26	39	33	28	18	21	26		
NNW	13	4	20	19	26	32	24	26	33	24	31	11	22		
(0.1%)	N	13	13	23	47	16	31	34	54	61	55	21	16	32	
Number of Days With Classified	Daily Max. Temp.	0.0	7	2										3	12
		0.1 ~ 10.0	23	23	9							1	11	24	91
		10.1 ~ 20.0	1	4	21	13	2					15	19	4	79
		20.1 ~ 30.0			1	17	26	20	15	6	29	15			
	Daily Mean Temp.	30.1					3	10	16	25	1				55
		-5.0	8											1	9
		-4.9 ~ 0.0	15	15	1								3	14	48
		0.1 ~ 10.0	8	13	21						2	19	16		79
	Daily Min. Temp.	10.1 ~ 20.0		1	9	29	17			4	8	27	8		103
		20.1				1	14	30	31	27	22	2			127
		-15.0	3												3
		-14.9 ~ -5.0	17	15	1								2	10	45
	Daily Precip.	-4.9 ~ 0.0	9	10	6								9	16	50
		0.1 ~ 10.0	2	4	23	19	4					13	16	5	86
		10.1			1	11	27	30	31	31	30	18	3		182
		0.1mm	3	7	3	9	10	7	16	7	5	10	10	8	95
	60 - Minute Max. Precip.	10.0mm		2	1	4	4	1	5	2	2	3		2	26
		30.0mm				1			4		1	1			7
		80.0mm							2						2
		100.0mm							1						1
10 - Minute Max. Precip.	1.0mm				7	7	4	9	3	3	8			41	
	6.0mm						1	5	1	1	2			10	
	10.0mm						1	4		1				6	
	20.0mm							1						1	
Daily Max. New Snowfall	30.0mm							1						1	
	0.1mm				9	10	7	16	7	5	10			64	
	1.0mm				2	3	2	9	2	1	2			21	
	5.0mm						1	3			1			5	
Daily Max. Snow Depth	10.0mm							1						1	
	0.1cm														
	5.0cm														
	10.0cm														
Daily Min. Rel. Humid.	20.0cm														
	20%	6	12	15	13	14	2				2	2	2	68	
	21 ~ 30%	10	7	3	11	7	7		3	1	1	10	8	68	
	31 ~ 40%	6	2	8	1	6	14	5	8	7	10	3	4	74	
Daily Max. Wind speed	41 ~ 50%	4	4	3	3	2	5	9	15	13	6	8	5	77	
	51 ~ 70%	5	3	2	2	1	2	15	5	8	11	7	10	71	
	71%		1			1		2		1	1		2	8	
	0.5 ~ 3.3%	26	12	21	9	23	22	21	25	24	24	27	25	259	
Daily Max. Wind speed	3.4 ~ 7.9%	5	17	10	21	8	8	10	6	6	7	3	6	107	
	8.0 ~ 13.8%														
	13.9%														

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Number of Days With Phenomena	Snow															
	Sleet															
	Snow Pellet															
	Hail															
	Fog															
	Frost															
Freezing																
Haze																
Yellow Sand																
Thunder Storm																
Sunshine (0%)		2	4	1	4	2	1	7	3	4	4	2	5	39		
< 20%		9	6	5	6	6	6	13	8	10	11	10	10	100		
80%		11	13	10	6	12	4	3	2	3	4	9	8	85		
Cloud Amount	2.4															
	2.5 ~ 5.4															
	5.5 ~ 7.4															
	7.5															
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10247	10244	10227	10142	10087	10098	10085	10084	10079	10160	10231	10235		
		2nd	10220	10197	10207	10135	10147	10049	10051	10048	10150	10211	10203	10256		
		3rd	10282	10280	10202	10113	10098	10065	10089	10033	10168	10202	10258	10254		
	Mean Temp. (0.1)	1st	7	-17	54	142	176	226	246	286	236	180	83	15		
		2nd	-37	32	66	140	194	240	249	292	219	152	94	7		
		3rd	-42	8	92	162	210	243	275	236	199	125	22	4		
	Mean Max.Temp. (0.1)	1st	49	41	104	209	240	283	285	333	282	229	131	63		
		2nd	10	88	121	202	267	288	292	342	265	214	152	53		
		3rd	4	49	156	229	271	296	313	284	244	162	67	46		
	Mean Min.Temp. (0.1)	1st	-34	-71	7	79	116	171	212	244	202	142	39	-32		
		2nd	-82	-13	13	88	122	200	213	251	181	107	44	-35		
		3rd	-89	-31	28	104	150	198	244	196	161	90	-18	-34		
	Mean D.P.Temp. (0.1)	1st	-73	-119	-28	16	64	109	191	211	176	120	8	-59		
		2nd	-113	-36	-43	34	62	161	185	206	145	94	30	-53		
		3rd	-129	-80	-45	39	100	155	212	154	132	63	-50	-47		
	Mean Vapor Press (0.1hPa)	1st	39	27	58	75	101	133	222	251	202	146	71	42		
		2nd	29	54	47	82	99	184	214	244	168	120	81	45		
		3rd	26	36	46	85	126	178	253	179	154	100	46	48		
	Mean Rel. Humid. (%)	1st	59	50	60	49	54	51	74	66	71	70	62	61		
		2nd	59	65	50	53	49	63	70	62	65	71	68	67		
3rd		54	56	43	49	54	60	70	63	68	69	62	70			
Mean Wind Speed (0.1m/s)	1st	8	10	12	14	16	12	12	11	11	11	11	9			
	2nd	11	15	9	17	14	12	11	10	10	5	6	5			
	3rd	10	12	12	13	10	13	10	13	8	10	7	9			
Total Precip. (0.1mm)	1st	0	57	357	203	410	2	2718	2	127	383	156	7			
	2nd	16	219	8	369	240	265	626	7	335	28	63	41			
	3rd	0	182	0	143	224	91	257	485	9	403	24	289			
Total Evaporation (0.1mm)	1st															
	2nd															
	3rd															
Total Sunshine (0.1hr)	1st	554	835	554	693	661	891	325	843	363	519	479	518			
	2nd	586	407	623	659	1132	545	454	639	495	639	560	425			
	3rd	515	531	924	577	839	676	511	405	405	298	447	403			
Mean Cloud Amount (0.1)	1st															
	2nd															
	3rd															
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 0				26					05				133(59)	
		Max. Temp. < 0				25						04			163(129)	
		Mean Temp. < 0						10			05				88(52)	
		Min. Temp. < 0							24	21					29(13)	
	Continue	Max. Temp. < 0							30	25					27	
		Max. Temp. < 0							17	25					40	
		Mean Temp. < 0							19	25					38	
		Min. Temp. < 0									13 - 16				4	
	'15.7 - '16.6 Low Temp. Phenomena		'15	7	8	9	10	11	12	'16	1	2	3	4	5	6
	Genesis	Max. Temp. < 0							17		29					75(10)
		Mean Temp. < 0						27				01				96(46)
		Min. Temp. < 0				31						15				137(88)
Frost																
Continue	Max. Temp. < 0								19 - 25						7	
	Mean Temp. < 0								18 - 28						11	
	Min. Temp. < 0								04	11					39	
	Frost															
Freezing																
Snow																
Snow Cover																

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	9932	9940	9935	9871	9855	9829	9835	9809	9887	9930	9944	9942	9892
		Mean Sea Level	10210	10217	10206	10135	10113	10083	10087	10059	10143	10192	10213	10215	10156
		Highest	10302	10329	10293	10252	10279	10163	10168	10126	10224	10281	10359	10324	10359
		Date	01	24	04	19	14	06	07	27	21	30	30	25	11/30
		Lowest	10004	9956	10079	9816	9889	9921	9980	9821	9950	10001	10078	10008	9816
		18	14	19	17	03	24	13	31	01	05	05	22	04/17	
(0.1)	Air Temp.	Mean	13	21	67	123	173	205	230	245	203	155	93	59	132
		Mean Max.	37	46	106	163	209	236	256	274	227	182	125	89	163
		Mean Min.	- 8	- 2	36	90	142	179	210	223	185	134	68	31	107
		Highest	114	124	175	209	255	268	305	315	262	248	207	158	315
		Date	03	13	30	09	31	17	30	14	01	03	14	03	08/14
		Lowest	- 99	- 40	- 38	23	91	139	178	161	140	82	15	- 14	- 99
		Date	24	29	01	11	10	01	07	26	29	30	24	28	01/24
(0.1hPa)	Vapor Press.	Mean	45	47	60	89	112	183	237	246	194	127	81	60	123
		Highest	89	133	132	161	204	256	332	350	277	250	174	158	350
		Date	04	13	06	22	29	27	31	13	04	03	14	22	08/13
		Lowest	18	22	20	28	30	70	160	125	95	60	36	27	18
		Date	19	26	11	25	14	01	03	27	25	30	24	30	01/19
(0.1) Mean D.P.Temp.		- 47	- 44	- 13	45	78	158	201	206	167	100	33	- 9	73	
Rel. Humid. (%)	Mean	67	65	59	63	58	76	85	79	81	71	68	64	70	
	Lowest	35	26	14	14	12	34	55	49	38	30	26	21	12	
	Date	09	26	16	09	14	01	03	09	25	20	03	04	05/14	
(0.1mm)	Precip.	00-24h Total	1642	1348	161	1185	643	463	1336	4913	2413	2138	1892	2370	20504
		09-09h Total	1955	1035	161	1185	643	463	1336	4913	2413	2145	1885	2370	20504
	Highest	1 Daily	310	400	93	307	199	378	471	2205	1545	1013	387	516	2205
		Date	23	01	05	13	03	24	04	29	03	05	22	23	08/29
	6 6 - Hour	Date	195	309	87	252	194	328	322	1246	1211	912	242	320	1246
		Date	23	01	06	13	03	24	16	29	03	05	23	22	08/29
	1 60 - Minute	Date				71	126	109	190	405	349	326			405
		Date				13	03	24	16	01	03	05			08/01
	10 10 - Minute	Date				21	42	28	53	158	79	90			158
		Date				13	03	24	16	01	03	05			08/01
2 2 - Day	Date	514	475	118	174	190	79	553	3684	1640	1022	768	881	3684	
	Date	22 - 23	01 - 02	05 - 06	16 - 17	10 - 11	15 - 16	04 - 05	29 - 30	03 - 04	05 - 06	22 - 23	22 - 23	08/29 - 08/30	
3 3 - Day	Date	1344	806					937	3992	1764	1406	1010	1117	3992	
	Date	11 - 25	29 - 03					01 - 07	28 - 31	02 - 05	05 - 08	22 - 24	19 - 24	08/28 - 08/31	
(0.1mm)	Evapor.	Total	307	391	921	1285	1803	1493	1175	1349	684	652	520	410	10990
		Highest	22	27	52	79	97	85	66	73	53	37	44	35	97
	Small	Date	28	23	22	25	18	03	23	01	20	11	03	24	05/18
		Total				820	1152	974	756	921	429	451			5503
Large	Highest				47	66	55	46	54	32	26			66	
	Date				25	31	01	09	01	20	11			05/31	
(0.1%)	Wind	Mean Speed	38	40	44	50	43	32	32	40	35	37	42	43	40
		Highest Speed	130	180	147	148	146	120	127	177	136	145	136	136	180
		Highest Dir.	W	SSE	NE	NW	SSW	WNW	NNE	NNE	NE	NNE	NE	NNE	SSE
		Date	29	28	19	23	04	24	14	29	20	05	22	27	02/28
		Highest Gust Speed	215	265	229	277	255	219	199	309	216	214	208	217	309
		Highest Gust Dir.	W	N	NE	WSW	SSW	WNW	SSW	NNW	N	N	NNE	NNE	NNW
		Date	19	28	19	17	04	24	05	29	20	28	22	27	08/29
		Resultant Speed	3	3	5	10	17	11	10	12	16	14	8	7	1
		Resultant Dir.	SE	WSW	SSW	SW	SSW	SSW	S	NE	NE	NNE	NNE	N	ESE
(0.1)	Cloud Amount	68	65	40	53	47	57	76	61	81	71	70	70	63	
	Mean Low Mid.	58	54	24	26	24	36	55	44	55	50	57	57	45	
Sunshine		Total(0.1hr)	1263	1339	2259	2364	2822	2359	1753	2362	1132	1300	1097	1163	21213
		Perc.(0.1%)	411	427	608	598	641	534	391	562	304	374	359	389	475
(0.01MJ/m) Total Horizontal Radiation											17168	12360	11652		
Snow (0.1cm)	Highest	Snow Depth	1020	687	167									306	1020
		Date	24	03	01									16	01/24
		Snowfall	403	308	15									167	403
		Date	23	01	10									15	01/23
		Total	1863	1249	21								412	3545	
Grass Min. Temp. (0.1)	Mean	- 13	- 7	10	76	121	164	199	206	165	108	41	0	89	
	Lowest	- 81	- 33	- 40	12	66	110	168	158	112	43	- 25	- 34	- 81	
	Date	19	24	11	12	13	01	22	28	23	30	25	30	01/19	
(0.1)	Mean Soil Temp.	Surface	8	5	79	143	208	268	272	294	214	154	83	42	148
		0.05m Underground	24	11	68	133	186	242	257	275	216	163	96	53	144
		0.1m "	29	14	70	133	185	241	257	276	219	168	101	57	146
		0.2m "	32	15	64	128	176	232	248	270	218	171	106	59	143
		0.3m "	34	15	63	128	174	231	247	269	218	172	107	59	143
		0.5m "	36	17	62	122	170	222	241	268	214	172	111	64	142
		1.0m "	70	38	57	107	144	189	216	240	215	191	144	95	142
		1.5m "	101	64	63	94	123	156	188	209	211	198	165	121	141
		3.0m "	140	115	99	101	109	121	140	156	184	183	176	158	140
5.0m "	148	144	135	129	125	124	126	131	141	149	154	155	138		
(0.01hr) Dur. of Precip.		33250	24781	6594	8443	4984	2533	9354	9151	12687	9587	14824	20338	156526	
(0.01hr) Dur. of Fog			3701	3617	6158	4334	3999	15701	1200	3975	2984	516	841	47026	

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	116	90	132	120	134	72	122	161	111	137	118	121	161	
		NE	123	66	132	117	107	81	79	149	119	135	127	126	149	
		ENE	114	120	97	45	47	27	31	36	28	56	39	28	120	
		E	106	104	101	15	44	22	14	22	20	26	22	30	106	
		ESE	94	95	86	17	29	16	19	12	11	24	47	30	95	
		SE	108	97	94	32	31	21	35	17	16	30	28	34	108	
		SSE	112	141	81	45	36	31	22	17	16	19	24	28	141	
		S	103	89	122	87	135	52	82	124	74	61	55	72	135	
		SSW	116	101	95	100	134	72	95	129	110	80	79	87	134	
		SW	117	104	126	109	90	92	116	108	68	88	83	129	129	
		WSW	118	96	74	118	65	64	48	103	27	69	68	89	118	
		W	112	97	116	72	71	40	21	10	14	56	42	60	116	
		WNW	125	144	86	102	68	101	14	16	17	66	58	55	144	
		NW	81	108	78	120	135	22	22	115	33	103	98	74	135	
		NNW	85	100	116	96	91	34	29	157	30	108	105	57	157	
	(0.1%)	N	72	56	107	97	82	40	86	165	48	103	102	69	165	
	Hourly Occurrence Percentage	CALM	9	6	7	8	7	17	5	15	22	12	3	3	9	
		NNE	52	52	103	138	137	122	147	241	208	196	181	189	148	
		NE	56	42	134	136	91	174	153	212	271	181	157	128	145	
		ENE	55	56	42	25	16	21	31	19	25	19	28	16	29	
		E	94	95	24	7	23	19	9	12	17	13	18	17	29	
		ESE	67	72	28	6	12	15	16	4	7	17	22	12	23	
		SE	78	60	34	18	11	15	20	7	11	20	25	13	26	
		SSE	82	50	34	31	23	40	30	11	17	13	18	26	31	
		S	68	62	89	131	165	186	200	137	72	55	44	52	105	
		SSW	62	49	179	267	329	215	223	149	124	109	161	154	169	
		SW	35	68	153	129	73	119	106	59	57	120	121	158	100	
WSW		40	65	44	21	15	15	3	31	40	42	67	48	36		
W		60	69	27	8	13	7	3	7	11	30	31	40	25		
WNW		54	57	22	18	11	11	4	8	15	13	25	15	21		
NW		72	101	22	19	22	3	8	17	14	32	26	31	30		
NNW	55	69	26	19	24	8	15	31	24	52	32	40	33			
(0.1%)	N	59	29	34	19	28	11	27	40	65	74	42	56	41		
Number of Days With Classified	Daily Max. Temp.	0.0	5	4											9	
		0.1 ~ 10.0	24	23	14	1							8	17	87	
		10.1 ~ 20.0	2	2	17	28	10			1	2	4	20	21	14	121
		20.1 ~ 30.0				1	21	30		28	25	26	11	1		143
		30.1								2	4					6
	Daily Mean Temp.	-5.0	2												2	
		-4.9 ~ 0.0	6	7	3										1	17
		0.1 ~ 10.0	23	21	20	6						1	17	24	112	
		10.1 ~ 20.0		1	8	24	30	13	3	4	14	28	13	6	144	
		20.1					1	17	28	27	16	2			91	
	Daily Min. Temp.	-15.0														
		-14.9 ~ -5.0	3												3	
		-4.9 ~ 0.0	13	16	5									6	40	
		0.1 ~ 10.0	15	13	24	19	4					4	26	25	130	
		10.1			2	11	27	30	31	31	30	27	4	4	193	
	Daily Precip.	0.1mm	18	15	6	12	5	4	12	9	17	12	14	19	143	
		10.0mm	6	5		5	3	1	3	5	3	5	5	10	51	
		30.0mm	1	1		1		1	2	4	1	2	3	2	18	
		80.0mm								2	1	1			4	
		100.0mm								2	1	1			4	
	60 - Minute Max. Precip.	1.0mm				9	4	3	7	6	12	9			50	
		6.0mm				1	2	1	2	5	2	5			18	
		10.0mm						1	1	2	4	1	2		11	
		20.0mm								2	1	1			4	
		30.0mm									1	1	1		3	
	10 - Minute Max. Precip.	0.1mm				12	5	4	12	9	17	12			71	
		1.0mm				5	3	2	4	6	7	8			35	
5.0mm								1	2	1	1			5		
10.0mm									1					1		
Daily Max. New Snowfall	0.1cm	15	14	4									5	38		
	5.0cm	8	7										2	17		
	10.0cm	4	5										2	11		
	30.0cm	2	1											3		
Daily Max. Snow Depth	0.1cm	21	26	5									11	63		
	5.0cm	19	20	1									5	45		
	10.0cm	13	18	1									3	35		
	20.0cm	10	13										1	24		
	30.0cm	10	12										1	23		
Daily Min. Rel. Humid.	20%			4	8	4								16		
	21 ~ 30%		4	6	8	10					1	2	4	35		
	31 ~ 40%	15	12	14	8	8	4			2	1	5	10	79		
	41 ~ 50%	8	5	5	2	3	3			2	2	10	8	7	55	
	51 ~ 70%	5	4	1	3	5	19	19	20	15	18	13	8	130		
71%	3	4	1	1	1	4	12	9	11	1	2	2	51			
Daily Max. Wind speed	0.5 ~ 3.3%						2	2	4	4				1	13	
	3.4 ~ 7.9%	19	10	15	6	13	20	21	20	18	14	12	12	180		
	8.0 ~ 13.8%	12	17	15	23	14	8	8	4	8	15	18	18	160		
	13.9%		2	1	1	4				3		2		13		

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow	22	17	5										9	53
	Sleet	5	4	1									3	6	19
	Snow Pellet	3	3	1									2	6	15
	Hail														
	Fog		4	3	9	8	9	18	6	8	8	2	3		78
	Frost	1													1
	Freezing	25	26	9										6	66
	Haze	2	1	5	4	4	2	1				3	3	1	26
	Yellow Sand				1	2									3
	Thunder Storm		1					2	1	2		1			7
	Sunshine (0%)	6	3	3	2	3	2	4	1	2	3	5	5		39
	< 20%	9	9	6	5	4	5	11	4	14	13	12	11		103
	80%	3	4	11	11	15	8	1	9	0	5	4	4		75
	Cloud Amount	2		10	8	7	4	1				2	1	1	36
	2.5 ~ 5.4	6	9	10	6	13	9	2	16	3	3	7	8		92
5.5 ~ 7.4	8	9	7	7	5	8	9	8	7	10	8	6		92	
7.5	15	11	4	9	6	9	19	7	20	16	14	16		146	
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10209	10215	10220	10144	10085	10114	10098	10096	10094	10165	10219	10195	
		2nd	10176	10180	10200	10142	10154	10057	10063	10059	10159	10209	10192	10229	
		3rd	10241	10260	10199	10118	10101	10077	10099	10026	10176	10202	10230	10220	
	Mean Temp. (0.1)	1st	44	10	56	122	164	191	221	256	217	173	91	74	
		2nd	3	38	63	113	161	213	218	264	200	165	125	54	
		3rd	-6	13	82	133	191	211	249	219	193	128	61	49	
	Mean Max.Temp. (0.1)	1st	73	31	86	167	202	223	246	283	239	200	123	111	
		2nd	25	68	103	151	200	242	244	294	221	198	163	80	
		3rd	15	39	127	170	224	242	275	248	222	150	89	78	
	Mean Min.Temp. (0.1)	1st	23	-6	26	88	136	161	201	232	200	153	65	45	
		2nd	-19	12	32	79	124	189	199	244	183	142	100	27	
		3rd	-26	-12	51	103	163	187	228	196	172	110	39	23	
	Mean D.P.Temp. (0.1)	1st	-43	-58	-5	43	69	133	195	223	192	125	28	-12	
		2nd	-50	-16	-29	43	65	172	193	223	164	110	66	-7	
		3rd	-47	-60	-6	51	97	170	214	174	146	68	4	-7	
	Mean Vapor Press (0.1hPa)	1st	46	41	66	86	104	157	227	271	223	151	77	58	
		2nd	44	60	53	88	103	198	226	270	190	133	101	60	
		3rd	44	41	61	93	128	196	257	202	170	101	66	63	
	Mean Rel. Humid. (%)	1st	54	63	67	64	57	71	86	83	86	75	67	57	
		2nd	69	70	54	65	58	79	87	78	81	71	68	67	
		3rd	75	60	56	62	59	78	82	77	75	68	69	69	
	Mean Wind Speed (0.1m/s)	1st	26	38	42	53	51	31	37	23	29	37	49	40	
		2nd	38	46	44	48	43	37	30	30	47	31	37	44	
		3rd	49	37	45	49	35	29	30	65	30	44	40	44	
Total Precip. (0.1mm)	1st	0	556	133	371	379	6	937	506	1903	1406	518	318		
	2nd	477	481	9	482	88	79	388	16	475	268	153	632		
	3rd	1165	311	19	332	176	378	11	4391	35	464	1221	1420		
Total Evaporation (0.1mm)	1st	160	144	201	424	516	519	314	488	175	227	211	175		
	2nd	75	109	300	398	608	487	385	414	308	208	166	91		
	3rd	72	138	420	463	679	487	476	447	201	217	143	144		
Total Sunshine (0.1hr)	1st	641	487	529	791	735	829	386	845	254	348	360	508		
	2nd	303	330	753	826	1020	717	607	795	403	509	544	415		
	3rd	319	522	977	747	1067	813	760	722	475	443	193	240		
Mean Cloud Amount (0.1)	1st	49	58	55	49	61	52	81	53	87	77	70	57		
	2nd	81	70	33	51	31	60	76	60	82	60	59	67		
	3rd	75	66	32	58	50	58	72	70	73	75	80	85		
First and Last of Seasonal Phenomena	Genesis	Max. Temp. 30							27	25					30(6)
		Max. Temp. 25					26				26				124(58)
		Mean Temp. 25							25	25					32(27)
		Min. Temp. 25							27	14					19(5)
	Continue	Max. Temp. 30								25 - 25					1
		Max. Temp. 25							25	25					32
		Mean Temp. 25							10 - 22						13
		Min. Temp. 25							13 - 14						2
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0							19	24					37(8)
		Mean Temp. < 0						17			11				86(19)
		Min. Temp. < 0						17			12				87(42)
Frost						29		01						34(2)	
Freezing						27				25				120(72)	
Snow						26				12				108(54)	
Snow Cover					26				11				107(62)		
Continue	Max. Temp. < 0							21 - 24						4	
	Mean Temp. < 0							19 - 25						7	
	Min. Temp. < 0							18 - 26						9	
	Frost							01 - 01						1	
	Freezing							06 - 26						21	
	Snow							07 - 25						19	
Snow Cover							11	21					42		

Element		1	2	3	4	5	6	7	8	9	10	11	12				
(0.1hPa)	Air Press.	Mean Station	10213	10202	10176	10096	10077	10038	10039	10020	10095	10153	10192	10209	10126		
		Mean Sea Level	10257	10246	10218	10137	10117	10077	10078	10059	10134	10194	10234	10252	10167		
		Highest	10342	10357	10305	10247	10245	10140	10158	10125	10232	10323	10351	10356	10357		
		Date	23	25	01	19	14	06	07	27	21	30	29	30	02/25		
		Lowest	10113	9995	10093	9874	9903	9967	9985	9878	9971	10069	10121	10050	9874		
(0.1)	Air Temp.	Mean	- 21	9	70	139	191	232	260	277	227	157	70	17	136		
		Mean Max.	26	61	134	213	259	289	302	328	276	212	123	69	191		
		Mean Min.	- 63	- 42	18	85	131	188	229	240	189	111	22	- 29	90		
		Highest	107	166	222	297	318	314	342	365	315	289	200	146	365		
		Date	03	13	31	26	19	23	11	21	05	04	05	20	08/21		
		Lowest	- 162	- 105	- 70	41	81	153	198	161	141	0	- 46	- 95	- 162		
		Date	24	02	01	05	05	05	07	30	21	30	24	30	01/24		
(0.1hPa)	Vapor Press.	Mean	33	41	58	96	134	203	273	270	205	131	70	49	130		
		Highest	99	161	145	173	228	286	363	352	286	279	167	146	363		
		Date	03	13	05	21	15	30	30	14	05	03	14	22	07/30		
		Lowest	9	11	15	38	61	109	194	117	96	25	15	14	9		
		Date	24	20	10	05	21	02	15	27	20	30	23	06	01/24		
(0.1) Mean D.P.Temp.		- 97	- 71	- 17	57	109	175	224	219	176	100	0	- 45	69			
Rel. Humid. (%)	Mean	59	59	58	64	65	73	83	73	75	72	64	67	68			
	Lowest	18	17	16	14	13	27	42	35	32	14	17	17	13			
	Date	11	20	31	01	20	01	11	29	20	30	23	06	05/20			
(0.1mm)	Precip.	00-24h Total	46	526	548	792	1564	374	3177	730	678	991	174	634	10234		
		09-09h Total	46	526	548	792	1564	378	3173	730	678	991	174	634	10234		
	Highest	1 Daily	27	274	512	296	398	276	1042	551	291	307	31	326	1042		
		Date	13	12	05	16	15	15	01	31	08	25	11	21	07/01		
		6 6 - Hour	27	136	481	337	351	212	925	434	291	268	30	271	925		
		Date	13	13	05	17	15	15	01	31	08	25	11	22	07/01		
		1 60 - Minute				89	148	125	457	169	57	102			457		
		Date				17	15	15	01	31	17	02			07/01		
		10 10 - Minute				21	49	58	202	39	12	46			202		
		Date				17	15	15	29	31	27	02			07/29		
2 2 - Day		35	417	548	473	594	71	1067			385	38	541	1067			
Date		13 - 14	12 - 13	04 - 05	16 - 17	02 - 03	23 - 24	01 - 02			07 - 08	13 - 14	21 - 22	07/01 - 07/02			
3 3 - Day	39	419		505		79	1069						552	1069			
Date	13 - 16	11 - 13		16 - 18		22 - 24	30 - 02						21 - 23	06/30 - 07/02			
(0.1mm)	Evapor.	Total	399	497	893	1111	1598	1612									
		Highest	21	29	45	59	78	70									
		Date	10	20	31	26	18	26									
	Large	Total				713	1108	1083									
		Highest				41	66	47									
		Date				25	18	05									
(0.1%)	Wind	Mean Speed	17	19	17	18	20	19	18	18	17	17	17	16	18		
		Highest Speed	75	68	62	90	105	56	58	72	74	62	57	64	105		
		Highest Dir.	NW	WSW	SSW	WNW	W	WSW	ESE	W	SSW	NW	ESE	NW	W		
		Date	23	08	29	17	04	25	16	31	01	09	06	01	05/04		
		Highest Gust Speed	144	117	108	148	170	96	107	135	124	100	94	107	170		
		Highest Gust Dir.	NNW	WSW	NW	W	WNW	WSW	SE	WNW	SSW	NW	NW	NNW	WNW		
		Date	23	08	23	17	04	25	01	31	01	28	11	01	05/04		
		Resultant Speed	11	11	9	7	10	10	7	6	5	2	4	7	6		
		Resultant Dir.	NW	W	W	WSW	WSW	WSW	SSW	W	ESE	ENE	WNW	WNW	W		
(0.1)	Cloud Amount	Mean	40	40	39	53	47	54	72	50	64	53	46	50			
		Mean Low Mid.	24	24	21	31	25	35	43	33	41	28	33	35	31		
Sunshine	Total(0.1hr)	1837	1923	2410	2068	2728	2356	1468	2309	1632	1685	1665	1591	23672			
	Perc.(0.1%)	597	612	649	523	620	535	328	549	438	484	544	532	531			
(0.01MJ/m) Total Horizontal Radiation		21962	26268	39771	42337	54869	51524	39287	46585	33472	27341	21107	18535	423058			
(0.1cm)	Snow	Snow Depth	37	18										13	37		
		Date	13	29											29	01/13	
		Snowfall	37	18											13	37	
		Date	13	28												29	01/13
		Total	74	37												14	125
(0.1)	Grass Min. Temp.	Mean	- 81	- 63	- 5	66	110	172	219	227	174	96	4	- 43	73		
		Lowest	- 165	- 128	- 89	9	58	128	185	146	110	- 17	- 63	- 105	- 165		
		Date	24	02	01	05	05	02	19	30	21	30	24	30	01/24		
(0.1)	Mean Soil Temp.	Surface	- 20	- 3	62	144	201	254	270	304	229	160	68	14	140		
		0.05m Underground															
		0.1m "															
		0.2m "															
		0.3m "															
		0.5m "															
		1.0m "															
		1.5m "															
3.0m "																	
5.0m "																	
(0.01hr) Dur. of Precip.		3273	7561	1509	5797	7472	3457	11856	3643	3322	7336	4955	6038	66219			
(0.01hr) Dur. of Fog		755	453	300	1210	308	491			305	150	167	50	4189			

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Wind Directions Only	Hourly Occurrence Maximum Speed (0.1%)	NNE	28	12	7	21	20	21	14	38	24	25	19	9	38	
		NE	34		15	35	27	29	16	37	37	36	19	7	37	
		ENE	31	19	20	33	44	41	32	50	47	49	17	26	50	
		E	26	46	26	67	33	41	38	56	42	50	39	45	67	
		ESE	33	51	35	55	48	45	58	50	51	51	53	44	58	
		SE	16	31	37	40	46	38	45	33	53	50	54	21	54	
		SSE	20	22	42	37	36	40	38	30	45	35	33	29	45	
		S	24	26	41	40	49	38	40	27	30	26	34	25	49	
		SSW	25	54	57	61	46	39	53	29	69	27	42	42	69	
		SW	25	46	49	48	41	32	48	19	31	26	37	33	49	
		WSW	45	62	54	71	92	53	40	45	38	47	41	46	92	
		W	62	63	56	70	84	50	44	70	37	46	39	49	84	
		WNW	59	55	49	51	42	52	35	43	31	53	41	55	59	
		NW	70	61	52	27	38	37	29	40	19	50	46	60	70	
	NNW	58	44	41	18	24	45	23	30	33	49	51	52	58		
	N	41	43	23	25	36	39	30	33	34	37	34	27	43		
	Hourly Occurrence Percentage (0.1%)	CALM	173	231	251	189	109	78	87	69	118	181	147	191	152	
		NNE	4	6	3	13	5	7	8	13	26	19	7	5	10	
		NE	17		5	15	15	10	5	27	43	20	4	4	14	
		ENE	30	7	9	22	19	21	16	43	111	50	15	24	31	
		E	35	40	8	61	32	22	52	42	132	83	71	52	52	
		ESE	19	40	24	39	32	35	78	47	81	106	65	51	51	
		SE	12	11	26	32	38	24	44	28	32	59	42	21	31	
		SSE	30	29	66	65	63	65	67	35	50	48	61	50	52	
		S	50	52	65	75	114	76	83	83	78	40	63	63	70	
		SSW	36	49	35	75	77	126	122	83	69	30	61	55	68	
		SW	15	23	32	32	44	53	75	24	19	7	29	11	30	
		WSW	35	52	46	69	109	106	95	56	28	28	28	38	57	
W		102	155	155	144	171	175	142	167	51	65	72	74	123		
WNW		156	167	142	117	101	128	81	153	85	93	125	184	127		
NW	177	105	78	19	35	39	28	69	28	93	119	119	76			
NNW	93	27	48	15	23	17	8	35	15	54	74	44	38			
N	17	6	7	17	13	19	5	26	33	24	17	13	17			
Number of Days With Classified	Daily Max. Temp.	0.0	7	3											10	
		0.1 ~ 10.0	22	22	8								11	24	87	
		10.1 ~ 20.0	2	4	21	10	3						12	19	7	78
		20.1 ~ 30.0			2	20	23	21	14	6	28	19				133
	Daily Mean Temp.	30.1					5	9	17	25	2				58	
		-5.0	7												7	
		-4.9 ~ 0.0	13	12	1								2	12	40	
		0.1 ~ 10.0	11	16	23							3	19	19	91	
	Daily Min. Temp.	10.1 ~ 20.0		1	7	29	18			1	1	24	9		90	
		20.1				1	13	30	31	30	29	4			138	
		-15.0	1												1	
		-14.9 ~ -5.0	16	15	1										8	
	Daily Precip.	-4.9 ~ 0.0	12	10	9							1	12	15	59	
		0.1 ~ 10.0	2	4	21	24	5					10	16	8	90	
		10.1				6	26	30	31	31	30	20	2		176	
		0.1mm	5	11	2	9	8	8	16	5	4	9	14	10	101	
	60 - Minute Max. Precip.	10.0mm		2	1	3	5	1	5	2	3	4		2	28	
		30.0mm			1		3		5	1		1		1	12	
		80.0mm							1						1	
		100.0mm							1						1	
	10 - Minute Max. Precip.	1.0mm				7	7	3	11	2	2	8			40	
		6.0mm				2	3	1	5	2		3			16	
		10.0mm					1	1	5	1		1			9	
		20.0mm							2						2	
	Daily Max. New Snowfall	30.0mm							2						2	
		80.0mm							2						2	
		100.0mm							2						2	
		0.1cm				9	8	8	16	5	3	9			58	
Daily Max. Snow Depth	1.0cm				3	5	1	8	2	2	4			25		
	5.0cm						1	3						4		
	10.0cm							2						2		
	30.0cm							2						2		
Daily Min. Rel. Humid.	0.1cm	5	6										2	13		
	5.0cm															
	10.0cm															
	30.0cm															
Daily Max. Wind speed	0.1cm	5	7										2	14		
	5.0cm															
	10.0cm															
	30.0cm															
Daily Min. Rel. Humid.	20%	2	5	7	6	6					1	1	2	30		
	21 ~ 30%	12	11	11	7	8	2				2	8	5	66		
	31 ~ 40%	7	5	8	8	8	4			4	5	8	5	67		
	41 ~ 50%	6	3	4	4	3	13	5	12	8	13	6	9	86		
Daily Max. Wind speed	51 ~ 70%	4	4	4	4	4	10	18	15	15	9	6	9	98		
	71%		1	1	1	2	1	8		2	1	1	1	19		
	0.5 ~ 3.3%	8	3	4	3		1	6	3	9	10	12	13	72		
	3.4 ~ 7.9%	23	26	27	26	29	29	25	28	21	21	18	18	291		
Daily Max. Wind speed	8.0 ~ 13.8%				1	2								3		
	13.9%															

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Number of Days With Phenomena	Snow	10	12									1	4	27		
	Sleet		3									1	3	7		
	Snow Pellet		1											1		
	Hail															
	Fog	1	2	1	2	1	3				1	1	1	14		
	Frost	11	15	11								1	6	20	64	
	Freezing	29	27	13								1	13	25	108	
	Haze	12	11	18	13	14	19	7	11	14	11	15	16	161		
	Yellow Sand			2	2	1									5	
	Thunder Storm		1	1	1	1	1	2	1	2					10	
	Sunshine (0%)	2	3	2	3	2	0	5	1	2	4	3	4		31	
	< 20%	8	6	4	5	4	4	13	3	5	10	7	7		76	
	80%	10	14	13	8	12	5	3	3	2	7	10	10		97	
	Cloud Amount	7	11	11	4	7	5	1	5	2	6	10	8		77	
2.5 ~ 5.4	16	9	10	9	13	10	5	11	6	11	6	8		114		
5.5 ~ 7.4	7	3	7	9	4	7	9	11	11	5	9	7		89		
7.5	1	6	3	8	7	8	16	4	11	9	5	8		86		
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10253	10250	10233	10151	10094	10105	10088	10088	10081	10163	10235	10239		
		2nd	10226	10203	10213	10142	10153	10056	10053	10053	10151	10213	10206	10257		
		3rd	10288	10288	10210	10118	10104	10071	10091	10037	10169	10205	10262	10258		
	Mean Temp. (0.1)	1st	14	-14	57	127	173	223	244	291	242	184	84	27		
		2nd	-32	30	65	131	190	231	254	294	230	161	99	18		
		3rd	-41	9	86	160	208	242	282	250	210	129	29	6		
	Mean Max.Temp. (0.1)	1st	57	50	109	205	237	284	288	342	292	240	138	83		
		2nd	14	78	131	200	268	285	296	346	281	228	156	72		
		3rd	7	55	161	233	271	297	319	299	256	174	77	54		
	Mean Min.Temp. (0.1)	1st	-28	-71	15	70	113	172	211	253	202	137	34	-25		
		2nd	-74	-21	12	81	122	189	218	256	192	112	50	-26		
		3rd	-86	-33	25	104	154	202	254	213	173	86	-17	-36		
	Mean D.P.Temp. (0.1)	1st	-60	-104	-26	47	98	146	214	241	203	129	16	-40		
		2nd	-107	-31	-18	64	101	187	212	241	168	111	40	-52		
		3rd	-124	-78	-8	61	126	192	245	180	157	64	-56	-43		
	Mean Vapor Press (0.1hPa)	1st	44	29	59	90	126	168	256	300	240	159	77	49		
		2nd	31	57	56	99	125	217	252	301	195	135	88	47		
		3rd	26	36	59	98	150	224	308	214	181	103	44	50		
	Mean Rel. Humid. (%)	1st	62	53	58	65	67	65	86	76	81	73	65	65		
		2nd	59	69	59	68	62	79	80	75	70	76	71	62		
		3rd	55	56	57	57	65	76	82	68	74	68	57	72		
	Mean Wind Speed (0.1m/s)	1st	15	17	22	12	26	18	17	15	17	20	20	16		
		2nd	19	22	14	22	19	19	19	16	18	10	14	14		
		3rd	18	19	14	20	17	19	18	24	15	20	17	18		
Total Precip. (0.1mm)	1st	0	3	548	124	798	2	1884	0	299	615	46	54			
	2nd	39	425	0	547	425	291	601	3	266	21	83	15			
	3rd	7	98	0	121	341	81	692	727	113	355	45	565			
Total Evaporation (0.1mm)	1st	127	193	236	358	423	601									
	2nd	119	144	267	314	585	524									
	3rd	153	160	390	439	590	487									
Total Sunshine (0.1hr)	1st	529	878	594	705	680	956	419	873	501	667	569	611			
	2nd	618	430	797	697	1143	730	505	749	672	698	570	473			
	3rd	690	615	1019	666	905	670	544	687	459	320	526	507			
Mean Cloud Amount (0.1)	1st	44	18	57	53	62	45	73	38	65	50	50	34			
	2nd	36	55	36	50	29	57	71	51	60	42	42	46			
	3rd	40	47	25	56	50	60	72	60	68	66	45	57			
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 30					18			05				111(58)		
		Max. Temp. < 25			25						20			179(138)		
		Mean Temp. < 25						20			05			78(52)		
		Min. Temp. < 25							22	24				34(26)		
	Continue	Max. Temp. < 30							30	25				27		
		Max. Temp. < 25							18	27				41		
		Mean Temp. < 25							19	25				38		
		Min. Temp. < 25							18 - 24					7		
	'15.7 - '16.6 Low Temp. Phenomena		'15	7	8	9	10	11	12	'16	1	2	3	4	5	6
	Genesis	Max. Temp. < 0								19	15				28(9)	
		Mean Temp. < 0						26				01			97(40)	
		Min. Temp. < 0				31						26			148(90)	
Frost					31						28			150(57)		
Freezing					31						27			149(97)		
Snow							26				29			96(31)		
Snow Cover						26				29			96(18)			
Continue	Max. Temp. < 0							19 - 25						7		
	Mean Temp. < 0							18 - 27						10		
	Min. Temp. < 0							04	10					38		
	Frost						17 - 22							6		
	Freezing							04	11					39		
	Snow								25 - 29					5		
Snow Cover							13 - 16						4			

Element		1	2	3	4	5	6	7	8	9	10	11	12			
(0.1hPa)	Air Press.	Mean Station	9944	9938	9920	9848	9836	9801	9810	9790	9862	9912	9939	9948	9879	
		Mean Sea Level	10249	10240	10214	10132	10114	10074	10081	10059	10138	10196	10233	10249	10165	
		Highest	10352	10363	10311	10243	10274	10154	10155	10135	10247	10324	10358	10365	10365	
		Date	01	25	01	20	14	06	07	27	21	30	29	30	12/30	
		Lowest	10081	9981	10090	9855	9891	9953	9986	9861	9966	10054	10116	10045	9855	
		18	14	18	17	03	24	13	31	01	05	05	22	04/17		
(0.1)	Air Temp.	Mean	-30	0	62	136	176	220	239	253	206	147	63	12	124	
		Mean Max.	23	59	134	212	256	289	292	315	260	203	122	66	186	
		Mean Min.	-82	-55	-3	66	98	163	204	208	170	109	11	-37	71	
		Highest	112	160	205	304	309	332	339	366	310	270	203	152	366	
		Date	03	13	31	26	22	10	11	20	04	03	14	22	08/20	
		Lowest	-174	-137	-117	8	48	89	169	125	104	19	-73	-110	-174	
		25	03	01	01	17	02	15	27	21	31	25	16	01/25		
(0.1hPa)	Vapor Press.	Mean	31	37	52	82	108	165	236	234	192	132	70	50	116	
		Highest	79	154	148	154	183	235	315	317	279	268	145	153	317	
		Date	03	13	05	21	24	24	30	07	04	03	14	22	08/07	
		Lowest	5	5	9	22	29	70	169	136	95	31	20	15	5	
		Date	23	07	10	06	05	02	22	27	20	30	24	16	02/07	
(0.1) Mean D.P.Temp.		-106	-85	-34	34	75	141	200	198	166	106	8	-35	56		
Rel. Humid. (%)	Mean	60	58	57	57	59	65	81	75	80	79	71	74	68		
	Lowest	11	5	7	8	7	21	33	29	35	19	21	17	5		
	Date	23	07	17	06	20	05	22	20	20	30	12	01	02/07		
(0.1mm)	Precip.	00-24h Total	34	545	211	834	516	464	3606	1075	457	953	198	511	9404	
		09-09h Total														
	Highest	1 Daily	12	185	184	190	162	356	1473	351	279	321	100	192	1473	
		Date	15	12	05	21	10	24	04	07	17	25	18	21	07/04	
	6 6 - Hour	Date	12	131	122	123	102	279	704	351	147	262	96	187	704	
		Date	15	28	06	07	10	24	04	07	17	25	19	22	07/04	
	1 60 - Minute	Date				57	38	164	357	346	48	146			357	
		Date				17	16	24	05	07	05	03			07/05	
	10 10 - Minute	Date				15	10	102	135	161	29	70			161	
		Date				17	02	24	05	07	05	03			08/07	
2 2 - Day	Date	13	287	193	216	190	361	1906	304	281	197	110	344	1906		
	Date	14 - 15	12 - 13	05 - 06	06 - 07	02 - 03	23 - 24	04 - 05	02 - 03	16 - 17	07 - 08	18 - 19	21 - 22	07/04 - 07/05		
3 3 - Day	Date	22	304	199	215	201		2684	190	123		111	347	2684		
	Date	13 - 15	12 - 16	04 - 06	16 - 18	02 - 06		01 - 06	28 - 31	02 - 05		18 - 20	21 - 23	07/01 - 07/06		
(0.1mm)	Evapor.	Small														
		Total Highest Date														
(0.1mm)	Large	Total Highest Date														
		Total Highest Date														
(0.1%)	Wind	Mean Speed	12	14	12	16	14	12	9	11	9	10	9	9	11	
		Highest Speed	67	72	54	80	101	62	51	68	57	58	56	71	101	
		Highest Dir.	W	WSW	WSW	W	W	SE	E	W	E	E	W	WNW	W	
		Date	23	14	29	17	04	22	14	31	20	23	11	01	05/04	
		Highest Gust Speed	135	133	104	168	216	104	90	140	106	123	109	131	216	
		Highest Gust Dir.	W	SW	WNW	WSW	WNW	ESE	S	W	ENE	ESE	NE	WNW	WNW	
		Date	18	14	30	17	04	22	05	31	18	23	06	01	05/04	
		Resultant Speed	10	11	5	3	6	2	1	1	3	1	5	6	4	
	Resultant Dir.	W	W	W	W	WSW	WSW	W	NE	ENE	N	W	W	W		
Cloud Amount (0.1)		Mean														
		Mean Low Mid.														
Sunshine		Total(0.1hr)	1853	1899	2073	2111	2704	1987	1419	2049	1107	1381	1475	1401	21459	
		Perc.(0.1%)	601	605	558	534	615	451	317	488	297	396	482	468	481	
(0.01MJ/m) Total Horizontal Radiation																
Snow (0.1cm)	Highest	Snow Depth Date														
		Snowfall Date														
		Total														
Grass Min. Temp. (0.1)		Mean	-68	-45	-8	60	113	172	217	200	157	82	-30	-77	64	
		Lowest	-140	-113	-54	-16	66	117	186	109	87	-21	-94	-139	-140	
		Date	25	03	12	01	05	02	15	27	21	30	24	16	01/25	
(0.1)	Mean Soil Temp.	Surface	-31	10	91	183	251	285	285	315	226	159	68	19	155	
		0.05m Underground														
		0.1m "														
		0.2m "														
		0.3m "														
		0.5m "														
		1.0m "														
		1.5m "														
(0.1)		3.0m "														
		5.0m "														
(0.01hr) Dur. of Precip.																
(0.01hr) Dur. of Fog																

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	25	9	37	53	38	23	41	44	46	46	37	5	53
		NE	24	8	37	57	31	44	33	49	34	38	42	11	57
		ENE	24	12	32	37	29	28	30	40	41	17	25	16	41
		E	39	11	49	47	58	51	35	65	48	39	43	10	65
		ESE	8	14	30	56	47	44	26	32	37	40	28	11	56
		SE	17	24	34	54	65	50	43	40	34	44	24	12	65
		SSE	17	20	15	36	51	43	37	28	17	16	16	12	51
		S	13	9	19	40	42	30	29	18	44	20	18	16	44
		SSW	26	11	25	47	34	27	45	18	32	16	16	21	47
		SW	39	45	36	42	37	27	17	19	16	23	33	26	45
		WSW	65	55	44	61	80	36	31	44	24	30	43	40	80
		W	55	60	47	63	90	36	38	55	28	40	43	49	90
		WNW	60	52	45	44	50	32	25	29	14	34	47	68	68
		NW	23	29	40	30	22	31	22	22	19	21	22	26	40
	NNW	29	19	27	19	27	21	15	22	12	17	13	14	29	
	(0.1%)	N	5	18	16	40	41	23	26	15	15	13	14	7	41
	Hourly Occurrence Percentage	CALM	307	289	319	280	331	258	355	263	356	371	367	420	327
		NNE	7	6	16	34	22	18	19	32	36	38	11	1	20
		NE	13	10	23	48	20	26	22	44	46	31	14	8	25
		ENE	11	9	27	35	24	24	36	55	56	32	19	1	27
		E	11	16	52	53	38	42	60	93	76	55	21	9	44
		ESE	4	11	34	52	47	54	47	59	94	51	31	26	42
		SE	15	14	16	41	38	64	43	44	49	47	15	16	33
		SSE	5	11	13	25	17	33	22	17	28	19	14	15	18
		S	9	4	13	21	22	17	15	15	32	15	10	12	15
		SSW	9	6	11	20	22	10	16	26	24	7	8	11	14
		SW	27	16	28	22	24	40	20	31	17	24	22	9	23
WSW		164	171	117	124	126	93	93	74	26	62	106	117	106	
W		243	253	153	126	140	149	106	125	65	124	168	185	153	
WNW	106	106	91	49	58	79	48	43	26	56	111	86	72		
NW	44	49	52	42	32	40	38	23	40	31	60	39	41		
NNW	20	19	20	20	24	32	35	32	15	23	19	31	24		
(0.1%)	N	4	10	13	10	16	21	26	23	14	15	4	13	14	
Number of Days With Classified	Daily Max. Temp.	0.0	7	2											9
		0.1 ~ 10.0	23	23	7								10	26	89
		10.1 ~ 20.0	1	4	23	11	3				1	12	19	5	79
		20.1 ~ 30.0			1	18	25	20	16	6	28	19	1		134
	Daily Mean Temp.	30.1			1	3	10	15	25	1					55
		-5.0	8	1											9
		-4.9 ~ 0.0	17	13	3								3	8	44
		0.1 ~ 10.0	6	14	22						2	20	23		87
	Daily Min. Temp.	10.1 ~ 20.0		1	6	29	28	3	2	5	12	27	7		120
		20.1					3	27	29	26	18	2			105
		-15.0	3												3
		-14.9 ~ -5.0	20	17	4								4	11	56
	Daily Precip.	-4.9 ~ 0.0	6	10	15								11	15	57
		0.1 ~ 10.0	2	2	12	28	16	1				13	15	5	94
		10.1				2	15	29	31	31	30	18			156
		0.1mm	6	8	5	10	9	8	15	10	11	9	9	12	112
	60 - Minute Max. Precip.	10.0mm		3	1	4	2	1	7	3	1	4	1	2	29
		30.0mm						1	4	1		1			7
		80.0mm							1						1
		100.0mm							1						1
	10 - Minute Max. Precip.	1.0mm				8	6	3	9	7	6	6	1		46
6.0mm							1	7	3		2			13	
10.0mm							1	4	2		1			8	
20.0mm								2	2					4	
Daily Max. New Snowfall	30.0mm							1	1					2	
	0.1mm				10	9	8	15	10	11	9	3		75	
	1.0mm				3	1	2	7	4	4	3			24	
	5.0mm						1	2	2		1			6	
Daily Max. Snow Depth	10.0mm						1	1	1					3	
	0.1cm														
	5.0cm														
	10.0cm														
Daily Min. Rel. Humid.	30.0cm														
	20%	5	12	12	12	15					1		2	59	
	21 ~ 30%	10	6	8	10	7	8		3		2	9	4	67	
	31 ~ 40%	5	4	6	4	4	11	5	7	4	4	5	5	64	
Daily Max. Wind speed	41 ~ 50%	3	2	3	1	1	8	7	12	8	10	8	6	69	
	51 ~ 70%	8	4	1	2	4	3	16	9	15	12	7	12	93	
	71%		1	1	1			3		3	2	1	2	14	
	0.5 ~ 3.3%	12	7	9	5	6	11	17	15	13	18	19	20	152	
Daily Max. Wind speed	3.4 ~ 7.9%	19	22	22	24	23	19	14	16	17	13	11	11	211	
	8.0 ~ 13.8%				1	2								3	
	13.9%														

Element		1	2	3	4	5	6	7	8	9	10	11	12	
Number of Days With Phenomena	Snow													
	Sleet													
	Snow Pellet													
	Hail													
	Fog													
	Frost													
	Freezing													
	Haze													
	Yellow Sand													
	Thunder Storm													
Sunshine (0%)	2	4	1	2	1	2	3	1	5	3	3	5	32	
< 20%	3	6	5	5	5	6	13	6	15	11	9	9	93	
80%	11	13	6	4	9	3	1	0	0	4	8	8	67	
Cloud Amount	2.4													
2.5 ~ 5.4														
5.5 ~ 7.4														
7.5														
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10246	10245	10230	10144	10089	10102	10090	10090	10085	10164	10234	10236
		2nd	10219	10200	10209	10134	10152	10051	10057	10052	10155	10215	10206	10258
		3rd	10281	10278	10203	10118	10103	10069	10095	10037	10175	10206	10259	10253
	Mean Temp. (0.1)	1st	2	-26	45	134	166	207	231	262	224	175	78	15
		2nd	-43	22	56	128	174	226	232	274	208	148	91	11
		3rd	-47	4	84	145	188	226	254	226	187	121	20	10
	Mean Max.Temp. (0.1)	1st	54	47	108	214	237	287	284	324	278	226	133	73
		2nd	10	81	130	202	262	290	282	340	261	222	159	69
		3rd	5	49	160	221	268	290	309	284	242	164	73	57
	Mean Min.Temp. (0.1)	1st	-49	-94	-13	55	93	139	199	220	191	142	27	-40
		2nd	-95	-30	-7	69	88	176	194	228	173	103	29	-39
		3rd	-102	-41	9	75	112	173	217	180	146	85	-24	-31
	Mean D.P.Temp. (0.1)	1st	-74	-128	-24	25	68	110	197	216	190	134	21	-45
		2nd	-113	-39	-45	35	58	159	190	216	161	110	37	-36
		3rd	-127	-89	-33	43	97	156	213	165	149	77	-33	-26
	Mean Vapor Press (0.1hPa)	1st	38	25	59	78	103	134	230	258	220	158	75	46
		2nd	29	52	48	82	96	181	220	259	186	132	84	51
		3rd	27	34	49	86	124	179	255	190	171	109	52	55
	Mean Rel. Humid. (%)	1st	61	51	67	56	59	58	84	78	83	79	70	68
		2nd	63	68	55	58	55	69	80	74	76	81	73	74
3rd		57	56	49	57	62	68	80	72	81	77	71	78	
Mean Wind Speed (0.1m/s)	1st	12	11	11	14	19	11	9	9	8	10	12	10	
	2nd	13	15	10	18	14	12	11	10	11	7	7	7	
	3rd	13	16	14	15	9	13	8	14	8	12	9	11	
Total Precip. (0.1mm)	1st		14	199	245	363	15	2684	655	124	562	53	29	
	2nd	32	304	7	329	99	88	702	2	306	22	113	47	
	3rd	2	227	5	260	54	361	220	418	27	369	32	435	
Total Evaporation (0.1mm)	1st													
	2nd													
	3rd													
Total Sunshine (0.1hr)	1st	623	857	562	742	675	780	339	798	408	516	480	503	
	2nd	621	457	632	730	1078	617	466	725	380	562	556	503	
	3rd	609	585	879	639	951	590	614	526	319	303	439	395	
Mean Cloud Amount (0.1)	1st													
	2nd													
	3rd													
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 30				26				04				132(56)
		Max. Temp. < 25				01					04			187(124)
		Mean Temp. < 25							11	25				46(35)
		Min. Temp. < 25												(0)
	Continue	Max. Temp. < 30							30	25				27
		Max. Temp. < 25							18	25				39
		Mean Temp. < 25							30	25				27
		Min. Temp. < 25												
	'15.7-'16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6
	Genesis	Max. Temp. < 0							19	29				
Mean Temp. < 0						27				11			42(9)	
Min. Temp. < 0					31					28			106(52)	
Frost													150(105)	
Continue	Max. Temp. < 0							19 - 25					7	
	Mean Temp. < 0							11 - 28					18	
	Min. Temp. < 0							05	11				38	
	Frost													
Snow	Freezing													
	Snow Cover													
Snow Cover	Freezing													
	Snow Cover													

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10105	10096	10075	10000	9983	9946	9951	9930	10004	10059	10094	10108	10029
		Mean Sea Level	10253	10242	10217	10137	10117	10077	10081	10059	10136	10196	10236	10253	10167
		Highest	10354	10361	10310	10252	10256	10146	10158	10127	10237	10328	10356	10365	10365
		Date	01	25	01	19	14	06	07	27	21	30	29	30	12/30
		Lowest	10093	9993	10097	9877	9905	9961	9997	9881	9973	10056	10124	10053	9877
		18	13	18	17	03	24	16	31	01	05	05	22	04/17	
(0.1)	Air Temp.	Mean	-32	-1	64	141	188	233	257	268	215	148	59	6	129
		Mean Max.	22	60	133	217	266	293	305	326	269	205	122	64	190
		Mean Min.	-81	-57	-2	73	112	179	220	220	173	104	2	-45	75
		Highest	114	169	210	299	320	325	340	367	317	290	225	156	367
		Date	03	13	31	26	19	23	31	20	01	04	14	22	08/20
		Lowest	-170	-134	-124	18	62	117	188	138	99	-9	-76	-112	-170
		Date	25	02	01	01	17	02	19	27	21	30	25	16	01/25
(0.1hPa)	Vapor Press.	Mean	30	36	48	81	111	170	239	230	188	129	67	46	115
		Highest	76	154	140	148	182	246	317	302	276	271	152	148	317
		Date	03	13	05	21	24	12	30	14	05	03	14	22	07/30
		Lowest	5	11	14	22	45	77	166	131	91	33	18	13	5
		Date	23	02	10	06	04	02	10	27	20	30	24	16	01/23
(0.1) Mean D.P.Temp.		-110	-89	-45	33	80	147	203	195	162	101	0	-47	53	
Rel. Humid. (%)	Mean	58	56	51	54	55	61	74	67	74	76	69	70	64	
	Lowest	13	12	7	7	12	20	32	24	30	20	24	17	7	
	Date	23	10	17	06	22	02	10	24	20	13	24	01	04/06	
(0.1mm)	Precip.	00-24h Total	18	501	119	973	700	389	3744	440	608	1026	229	424	9171
		09-09h Total													
	Highest	1 Daily	6	171	101	196	186	254	1219	177	321	265	66	159	1219
		Date	18	28	05	21	10	24	04	02	17	25	10	21	07/04
	6 6 - Hour	Date	5	154	79	188	162	140	677	176	149	221	59	139	677
		Date	18	28	06	13	24	24	04	02	17	25	10	22	07/04
	1 60 - Minute	Date				63	51	58	431	153	94	135			431
		Date				17	24	15	05	02	14	03			07/05
	10 10 - Minute	Date				17	16	48	164	72	42	64			164
		Date				17	24	15	05	02	14	03			07/05
2 2 - Day	Date	10	266	108	255	188	256	1711	145	337	279	84	272	1711	
	Date	17 - 18	12 - 13	04 - 05	16 - 17	10 - 11	23 - 24	04 - 05	30 - 31	16 - 17	07 - 08	10 - 11	21 - 22	07/04 - 07/05	
3 3 - Day	Date	7	270	112	283			2582	189	347			294	2582	
	Date	13 - 15	12 - 14	04 - 06	16 - 18			01 - 07	28 - 31	16 - 18			21 - 23	07/01 - 07/07	
(0.1mm)	Evapor.	Small	Total												
			Highest												
	Large	Total													
		Highest													
(0.1%)	Wind	Mean Speed	15	17	14	17	18	16	14	14	12	12	12	13	15
		Highest Speed	79	73	64	81	99	63	60	68	59	54	55	63	99
		Highest Dir.	W	WSW	W	SW	W	W	E	E	S	W	WNW	ESE	W
		Date	18	08	29	17	04	25	14	26	01	08	11	21	05/04
		Highest Gust Speed	132	128	102	172	161	102	99	120	98	103	96	102	172
		Highest Gust Dir.	W	W	NW	WSW	WNW	WNW	NE	ESE	E	SSE	W	WSW	WSW
		Date	18	08	21	17	04	25	14	26	19	02	11	22	04/17
		Resultant Speed	7	10	4	4	4	4	2	3	5	3	2	5	2
Resultant Dir.	W	W	WNW	WSW	W	W	SE	ENE	E	E	WSW	W	W		
Cloud Amount (0.1)		Mean													
		Mean Low Mid.													
Sunshine		Total(0.1hr)	1641	1763	1822	1890	2484	2155	1548	2225	1201	1048	1299	1283	20359
		Perc.(0.1%)	532	561	491	478	566	490	346	530	323	301	424	428	456
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
		Total													
Grass Min. Temp. (0.1)	Mean	-102	-81	-28	53	96	165	218	211	162	89	-14	-64	59	
	Lowest	-190	-156	-140	-11	47	94	187	120	83	-19	-86	-124	-190	
	Date	25	03	01	01	17	02	19	27	21	30	24	16	01/25	
(0.1)	Mean Soil Temp.	Surface	-7	12	73	148	205	270	276	304	237	167	75	24	149
		0.05m Underground													
		0.1m "													
		0.2m "													
		0.3m "													
		0.5m "													
		1.0m "													
		1.5m "													
		3.0m "													
5.0m "															
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	26	18	23	18	27	26	21	30	21	19	21	11	30	
		NE	13	19	20	21	28	14	19	28	20	8	14	11	28	
		ENE	28	15	27	22	32	35	28	25	54	42	21	13	54	
		E	35	34	49	41	55	32	40	62	43	42	40	27	62	
		ESE	37	41	41	52	58	39	48	52	38	37	34	60	60	
		SE	17	41	41	35	48	34	52	53	34	35	31	33	53	
		SSE	20	26	40	60	35	23	29	27	43	35	16	10	60	
		S	13	31	9	48	50	32	35	25	18	18	20	12	50	
		SSW	14	20	33	41	58	28	41	23	36	15	22	15	58	
		SW	17	31	39	77	45	59	38	32	55	24	38	41	77	
		WSW	45	62	47	66	57	34	40	33	49	22	40	49	66	
		W	74	61	50	81	87	52	40	54	25	50	42	52	87	
		WNW	63	49	41	52	49	54	31	44	23	38	47	57	63	
		NW	51	31	35	27	40	31	26	29	21	21	37	42	51	
	NNW	19	28	37	24	30	26	24	28	14	27	29	24	37		
	(0.1%)	N	24	25	23	14	27	35	46	29	24	23	18	18	46	
	Hourly Occurrence Percentage	CALM	243	201	212	194	116	110	164	114	179	234	167	168	175	
		NNE	15	9	20	11	20	31	30	42	25	15	13	5	20	
		NE	4	7	19	11	12	18	12	34	29	5	7	9	14	
		ENE	11	13	12	18	34	33	35	36	51	31	26	11	26	
		E	110	83	132	143	163	142	147	224	211	164	171	160	154	
		ESE	117	118	121	142	148	124	164	177	161	179	146	140	145	
		SE	20	27	19	26	22	35	58	50	53	39	29	26	34	
		SSE	9	7	15	19	28	22	24	13	21	20	15	16	18	
		S	5	7	7	24	22	24	32	13	14	11	18	16	16	
		SSW	12	14	15	17	22	29	23	13	21	17	19	21	19	
		SW	30	34	31	36	32	69	43	15	39	34	51	27	37	
WSW		66	95	78	72	77	74	73	36	46	44	81	81	68		
W		187	234	122	126	151	132	60	71	35	71	139	192	126		
WNW	86	92	90	78	58	68	35	43	32	46	46	55	61			
NW	35	23	44	38	35	26	28	34	14	38	38	28	32			
NNW	35	19	38	33	36	33	38	40	26	23	15	26	30			
(0.1%)	N	16	16	26	11	26	31	35	43	43	30	19	20	26		
Number of Days With Classified	Daily Max. Temp.	0.0	7	3										1	11	
		0.1 ~ 10.0	23	21	9							1	10	24	88	
		10.1 ~ 20.0	1	5	20	12	1						12	19	6	76
		20.1 ~ 30.0			2	18	25	17	12	6	27	18	1			126
	Daily Mean Temp.	30.1					5	13	19	25	3				65	
		-5.0	9	2											1	
		-4.9 ~ 0.0	15	14	2								4	14	49	
		0.1 ~ 10.0	7	12	25							3	19	16	82	
	Daily Min. Temp.	10.1 ~ 20.0		1	4	30	22	2		5	8	25	7		104	
		20.1					9	28	31	26	22	3			119	
		-15.0	3												3	
		-14.9 ~ -5.0	20	17	4									5	15	
	Daily Precip.	-4.9 ~ 0.0	7	10	12							1	11	12	53	
		0.1 ~ 10.0	1	2	15	25	10					1	13	13	4	
		10.1				5	21	30	31	31	29	17	1		165	
		0.1mm	6	9	5	10	7	8	16	8	10	9	10	11	109	
	60 - Minute Max. Precip.	10.0mm		3	1	5	4	2	7	2	1	5		2	32	
		30.0mm							5						6	
		80.0mm							1						1	
		100.0mm							1						1	
	10 - Minute Max. Precip.	1.0mm				10	6	2	12	4	7	8			49	
		6.0mm				1			7	1	1	2			12	
		10.0mm							5	1		1			7	
		20.0mm							2						2	
Daily Max. New Snowfall	30.0mm							1						1		
	0.1mm				10	7	8	16	8	10	9			68		
	1.0mm				4	3	2	10	2	6	4			31		
	5.0mm							6	1		1			8		
Daily Max. Snow Depth	10.0mm							1						1		
	0.1cm															
	5.0cm															
	10.0cm															
Daily Min. Rel. Humid.	30.0cm															
	20%	4	11	15	14	13	1				1		2	61		
	21 ~ 30%	12	9	7	10	9	4		2	1	2	10	7	73		
	31 ~ 40%	7	3	5	2	5	16	4	14	7	8	5	3	79		
Daily Max. Wind speed	41 ~ 50%	4	3	3	3	2	7	9	10	10	5	8	8	72		
	51 ~ 70%	4	3	1	1	2	2	17	5	10	15	5	10	75		
	71%							1		2		2	1	6		
	0.5 ~ 3.3%	13	8	5	7	7	6	12	17	18	17	13	19	142		
Daily Max. Wind speed	3.4 ~ 7.9%	18	21	26	22	23	24	19	14	12	14	17	12	222		
	8.0 ~ 13.8%				1	1								2		
	13.9%															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow														
	Sleet														
	Snow Pellet														
	Hail														
	Fog														
	Frost														
	Freezing														
	Haze														
	Yellow Sand														
	Thunder Storm														
Sunshine (0%)	2	3	0	2	2	1	3	2	3	9	4	3	34		
< 20%	4	5	5	5	4	5	11	5	11	13	7	11	86		
80%	8	10	1	0	2	4	1	5	1	0	5	5	42		
Cloud Amount	2.4														
2.5 ~ 5.4															
5.5 ~ 7.4															
7.5															
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10251	10246	10230	10148	10095	10104	10090	10089	10084	10164	10238	10241	
		2nd	10221	10200	10213	10144	10154	10055	10056	10053	10153	10215	10208	10260	
		3rd	10282	10283	10208	10119	10104	10071	10095	10038	10172	10207	10263	10259	
	Mean Temp. (0.1)	1st	- 1	- 28	49	136	174	219	248	284	234	179	74	12	
		2nd	- 43	24	55	133	185	240	246	288	215	148	87	7	
		3rd	- 50	0	86	156	203	242	274	235	196	121	16	1	
	Mean Max.Temp. (0.1)	1st	52	45	110	216	249	284	295	340	290	235	137	73	
		2nd	11	86	126	203	270	295	294	349	268	222	158	71	
		3rd	3	48	161	232	277	299	324	292	249	164	71	51	
	Mean Min.Temp. (0.1)	1st	- 49	- 95	- 7	61	100	153	215	237	192	134	17	- 45	
		2nd	- 92	- 28	- 9	70	103	192	207	239	173	99	25	- 46	
		3rd	- 101	- 49	10	87	132	190	236	188	153	80	- 35	- 44	
	Mean D.P.Temp. (0.1)	1st	- 75	- 132	- 38	22	66	118	201	219	185	129	11	- 49	
		2nd	- 118	- 49	- 47	33	70	161	190	211	156	106	33	- 50	
		3rd	- 135	- 87	- 49	45	100	161	216	157	146	71	- 45	- 44	
	Mean Vapor Press (0.1hPa)	1st	38	23	53	76	101	140	237	264	213	156	71	45	
		2nd	28	50	47	81	103	185	221	252	181	130	82	46	
		3rd	25	34	44	87	126	184	259	180	169	105	48	49	
	Mean Rel. Humid. (%)	1st	61	49	57	52	55	56	77	70	76	76	67	67	
		2nd	59	62	53	55	53	64	73	66	72	79	73	68	
3rd		55	56	42	53	57	63	73	65	75	74	67	74		
Mean Wind Speed (0.1m/s)	1st	12	16	15	15	23	14	14	12	12	14	15	13		
	2nd	17	21	11	22	18	16	15	12	14	7	11	10		
	3rd	15	15	16	15	14	17	12	19	11	14	11	16		
Total Precip. (0.1mm)	1st		0	112	217	374	9	2582	177	105	648	125	29		
	2nd	17	284	6	502	150	124	724	1	441	38	83	17		
	3rd	1	217	1	254	176	256	438	262	62	340	21	378		
Total Evaporation (0.1mm)	1st														
	2nd														
	3rd														
Total Sunshine (0.1hr)	1st	509	831	524	612	630	817	349	810	466	446	277	462		
	2nd	552	420	543	655	940	688	452	852	399	486	587	481		
	3rd	580	512	755	623	914	650	747	563	336	116	435	340		
Mean Cloud Amount (0.1)	1st														
	2nd														
	3rd														
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 30					18				05			111(67)	
		Max. Temp. < 25				01						15		198(132)	
		Mean Temp. < 25						10			25			77(52)	
		Min. Temp. < 25							24	23				31(7)	
	Continue	Max. Temp. < 30							30	25				27	
		Max. Temp. < 25							17	25				40	
		Mean Temp. < 25							19	25				38	
		Min. Temp. < 25								09 - 10				2	
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0							17	29					75(10)
Mean Temp. < 0										11				107(55)	
Min. Temp. < 0					30					28				151(103)	
Frost															
Continue	Freezing														
	Snow														
	Snow Cover														
	Max. Temp. < 0								19 - 25					7	
Mean Temp. < 0								18 - 28					11		
Min. Temp. < 0								03	11				40		
Frost															
Freezing															
Snow															
Snow Cover															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10225	10216	10189	10108	10090	10050	10049	10032	10103	10163	10202	10220	10137
		Mean Sea Level	10262	10253	10225	10143	10124	10084	10082	10065	10137	10197	10238	10256	10172
		Highest	10349	10364	10312	10255	10244	10143	10161	10123	10233	10328	10352	10355	10364
		Date	22	25	01	19	14	06	07	01	21	30	29	30	02/25
		Lowest	10126	10004	10102	9894	9910	9982	9971	9908	9976	10069	10124	10066	9894
		Date	18	13	18	17	03	24	16	31	01	25	19	22	04/17
(0.1)	Air Temp.	Mean	- 16	6	59	125	179	219	252	264	217	153	72	22	129
		Mean Max.	23	55	120	196	243	270	293	318	268	204	122	72	182
		Mean Min.	- 58	- 47	1	67	120	179	220	221	175	106	23	- 29	82
		Highest	107	180	228	278	309	304	324	346	304	282	199	161	346
		Date	03	13	31	26	19	28	31	20	04	04	13	21	08/20
		Lowest	- 127	- 115	- 97	4	68	150	174	170	129	- 5	- 45	- 93	- 127
		Date	24	02	01	05	07	02	18	29	23	30	29	16	01/24
(0.1hPa)	Vapor Press.	Mean	45	51	68	107	149	222	290	295	226	151	86	61	146
		Highest	108	195	168	182	225	295	410	391	309	286	181	173	410
		Date	02	13	05	21	15	30	30	05	05	02	05	21	07/30
		Lowest	17	18	26	38	68	139	196	170	137	30	30	24	17
		Date	23	22	10	01	21	03	18	29	21	30	09	06	01/23
(0.1) Mean D.P.Temp.		- 50	- 37	6	75	127	190	234	236	193	123	36	- 9	94	
Rel. Humid. (%)	Mean	79	75	73	76	76	85	91	86	88	85	80	82	81	
	Lowest	36	21	18	17	15	40	54	41	36	18	25	26	15	
	Date	05	22	31	25	21	03	19	16	09	30	09	11	05/21	
(0.1mm)	Precip.	00-24h Total	219	617	243	870	1537	368	2956	340	531	738	175	627	9221
		09-09h Total	219	617	243	870	1537	368	2956	340	531	738	178	624	9221
	Highest	1 Daily	58	236	198	342	396	294	1375	289	269	248	54	404	1375
		Date	18	12	05	16	24	24	29	31	17	25	11	21	07/29
	6 6 - Hour	Date	41	145	198	301	338	221	1373	225	184	205	51	287	1373
		Date	24	13	05	16	15	24	29	31	17	25	11	21	07/29
	1 60 - Minute	Date				94	99	75	237	70	86	85			237
		Date				16	02	24	01	31	12	25			07/01
	10 10 - Minute	Date				27	33	25	115	33	54	44			115
		Date				16	03	24	05	31	12	02			07/05
2 2 - Day	Date	90	390	238	461	598	307	1401	291	305	199	46	473	1401	
	Date	23 - 24	12 - 13	04 - 05	16 - 17	02 - 03	23 - 24	29 - 30	30 - 31	16 - 17	02 - 03	18 - 19	21 - 22	07/29 - 07/30	
3 3 - Day	Date	100	409					1417	41					490	
	Date	23 - 26	11 - 13					27 - 30	26 - 28				21 - 23	07/27 - 07/30	
(0.1mm)	Evapor.	Total	326	420	828	993	1483	1367							
		Highest	23	28	42	58	67	62							
	Small	Date	12	11	23	25	22	26							
		Total				702	1089	1031							
Large	Highest				40	54	54								
	Date				25	04	25								
(0.1%)	Wind	Mean Speed	20	23	23	23	23	20	20	16	14	17	18	20	20
		Highest Speed	94	87	97	127	97	73	89	89	70	78	66	82	127
		Highest Dir.	WNW	SW	S	W	SW	S	S	WNW	SSW	WNW	NW	S	W
		Date	19	08	05	17	03	15	01	31	01	08	08	21	04/17
		Highest Gust Speed	140	135	146	195	153	119	148	152	124	119	101	122	195
		Highest Gust Dir.	WNW	W	S	WNW	SSW	SSW	SSW	WNW	SW	SSW	WNW	S	WNW
		Date	19	14	05	17	03	15	01	31	01	03	08	21	04/17
		Resultant Speed	10	11	6	6	9	8	10	8	4	9	7	10	4
		Resultant Dir.	NNW	WNW	W	SW	SW	SW	SSW	NW	NNE	N	NNW	NW	WNW
		Cloud Amount (0.1)	Mean	55	43	37	54	46	58	69	40	57	59	50	50
	Mean Low Mid.	40	30	19	32	25	35	46	28	34	36	39	40	34	
Sunshine	Total(0.1hr)	1554	1893	2478	2108	2778	2193	1776	2401	1699	1615	1725	1609	23829	
	Perc.(0.1%)	503	601	667	534	634	499	398	573	456	463	562	534	534	
(0.01MJ/m) Total Horizontal Radiation		19011	24488	39083	39934	51202	45216	36277	44218	32072	25681	20422	18116	395720	
(0.1cm)	Snow	Snow Depth	141	70	46									18	141
		Date	24	28	01									29	01/24
		Snowfall	100	70	5									18	100
		Date	23	28	11									29	01/23
		Total	402	120	5									24	551
(0.1)	Grass Min. Temp.	Mean	- 88	- 80	- 35	35	93	161	200	204	166	103	11	- 42	61
		Lowest	- 168	- 142	- 108	- 50	32	120	150	137	123	- 19	- 69	- 120	- 168
		Date	22	02	01	05	05	02	18	29	23	30	29	30	01/22
(0.1)	Mean Soil Temp.	Surface	9	21	82	150	202	257	271	297	243	175	100	47	155
		0.05m Underground													
		0.1m "													
		0.2m "													
		0.3m "													
		0.5m "													
		1.0m "													
		1.5m "													
(0.1)	(0.01hr) Dur. of Precip.	11848	7708	1133	5912	5653	3832	9805	3708	3325	8150	5191	7041	73306	
		(0.01hr) Dur. of Fog	1050	1109	741	4392	192	826	325	1357	1517	417	1233	950	14109

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	37	30	45	42	31	30	21	46	36	34	46	30	46	
		NE	28	27	36	40	39	32	28	48	41	37	26	30	48	
		ENE	28	28	20	40	36	26	26	49	34	36	30	45	49	
		E	25	34	24	41	30	24	25	34	37	30	30	22	41	
		ESE	12	28	22	25	37	16	26	13	34	20	12	36	37	
		SE	10	39	41	49	27	25	23	13	26	23	32	28	49	
		SSE	35	27	65	43	50	39	58	24	27	47	44	36	65	
		S	54	64	91	73	66	61	85	27	66	51	60	76	91	
		SSW	33	73	69	80	64	59	72	34	52	59	53	68	80	
		SW	48	83	52	72	92	54	60	39	43	49	57	56	92	
		WSW	38	55	67	60	68	49	35	61	39	14	29	48	68	
		W	47	75	44	73	87	59	26	68	23	35	31	62	87	
		WNW	83	76	66	110	79	57	42	66	45	65	53	61	110	
		NW	78	75	75	51	49	41	39	53	41	59	65	75	78	
	NNW	52	46	56	38	42	42	39	46	28	58	50	56	58		
	(0.1%)	N	50	47	50	49	37	35	29	41	34	47	50	32	50	
	Hourly Occurrence Percentage	CALM	132	171	156	89	99	97	177	206	194	144	136	130	144	
		NNE	105	56	70	78	59	61	42	77	97	138	118	106	84	
		NE	110	57	69	82	73	61	62	101	167	160	92	133	97	
		ENE	54	33	22	58	44	26	30	60	94	109	72	55	55	
		E	28	27	15	24	20	13	22	27	40	32	35	16	25	
		ESE	12	17	13	21	11	8	14	20	42	16	8	11	16	
		SE	4	19	15	18	17	8	18	9	10	9	18	13	13	
		SSE	15	27	36	29	67	56	49	15	21	17	32	20	32	
		S	67	70	117	126	125	124	184	19	49	38	71	32	85	
		SSW	30	66	101	129	108	142	147	24	29	16	38	39	72	
		SW	34	47	77	96	118	115	88	35	35	19	31	26	60	
		WSW	13	23	30	54	65	72	39	35	21	7	7	19	32	
W		13	65	13	17	22	26	9	46	19	15	17	52	26		
WNW		67	114	47	42	43	33	28	66	24	34	44	58	50		
NW	110	121	79	29	32	61	36	132	58	69	65	122	76			
NNW	101	46	79	42	54	46	28	83	56	87	106	86	68			
(0.1%)	N	106	40	62	67	43	50	27	46	44	90	111	82	64		
Number of Days With Classified	Daily Max. Temp.	0.0	8	3											11	
		0.1 ~ 10.0	21	22	9								9	22	83	
		10.1 ~ 20.0	2	4	21	19	4						14	21	9	94
		20.1 ~ 30.0			1	11	26	28	16	6	28	17				133
	Daily Mean Temp.	30.1					1	2	15	25	2				45	
		-5.0	7	2											9	
		-4.9 ~ 0.0	12	11	2									10	35	
		0.1 ~ 10.0	12	14	23	2						3	22	21	97	
	Daily Min. Temp.	10.1 ~ 20.0		2	6	28	25	1		1	8	26	8		105	
		20.1					6	29	31	30	22	2			120	
		-15.0														
		-14.9 ~ -5.0	17	14	3									10	44	
	Daily Precip.	-4.9 ~ 0.0	12	13	16							1	10	14	66	
		0.1 ~ 10.0	2	2	12	27	5					14	19	7	88	
		10.1				3	26	30	31	31	30	16	1		168	
		0.1mm	10	10	4	8	6	6	13	7	4	9	11	11	99	
	60 - Minute Max. Precip.	10.0mm		2	1	3	5	1	5	1	2	3		1	24	
		30.0mm				1	3		3					1	8	
		80.0mm							1						1	
		100.0mm							1						1	
	10 - Minute Max. Precip.	1.0mm				7	6	3	8	2	4	7			37	
		6.0mm				1	4	1	4	1	1	2			14	
		10.0mm							3						3	
		20.0mm							1						1	
Daily Max. New Snowfall	30.0mm							1						1		
	0.1cm	11	5	1									2	19		
	5.0cm	3	1											4		
	10.0cm	1												1		
Daily Max. Snow Depth	30.0cm													1		
	0.1cm	19	5	2									2	28		
	5.0cm	7	2											9		
	10.0cm	3												3		
Daily Min. Rel. Humid.	20.0cm													1		
	20%			1	3	2					1			7		
	21 ~ 30%		4	6	5	4						1	2	22		
	31 ~ 40%	2	7	8	6	10	1			1	2	4	2	43		
Daily Max. Wind speed	41 ~ 50%	7	6	8	5	5	4		4	2	6	7	3	57		
	51 ~ 70%	17	10	5	7	5	18	10	21	21	14	12	17	157		
	71%	5	2	3	4	5	7	21	6	6	8	6	7	80		
	0.5 ~ 3.3%	5	4			1	1	7	6	11	11	11	10	67		
Daily Max. Wind speed	3.4 ~ 7.9%	23	23	28	27	27	29	23	24	19	20	19	20	282		
	8.0 ~ 13.8%	3	2	3	3	3		1	1				1	17		
	13.9%															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow	14	9	1								1	2	27	
	Sleet		6										2	8	
	Snow Pellet		1											1	
	Hail														
	Fog	2	2	5	7	1	4	2	5	4	1	2	2	37	
	Frost	12	16	14							1	7	16	66	
	Freezing	29	25	13							1	9	23	100	
	Haze	2	2	3	1	4	3	1			3	5	2	26	
	Yellow Sand			1	2	2								5	
	Thunder Storm		1	1					1	1	2			6	
	Sunshine (0%)	2	3	1	1	1	1	3	0	3	5	3	2	25	
	< 20%	6	6	3	6	4	6	12	4	7	9	6	8	77	
	80%	5	14	13	8	14	5	4	8	3	6	9	11	100	
	Cloud Amount	3	10	10	6	6	4	1	10	3	5	7	6	71	
2.5 ~ 5.4	11	8	12	6	15	7	7	12	10	7	9	13	117		
5.5 ~ 7.4	11	7	6	11	2	9	8	6	10	9	6	3	88		
7.5	6	4	3	7	8	10	15	3	7	10	8	9	90		
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10258	10257	10238	10157	10102	10110	10092	10094	10086	10167	10238	10245	
		2nd	10231	10209	10220	10148	10160	10063	10057	10060	10154	10216	10209	10261	
		3rd	10293	10296	10217	10124	10110	10078	10095	10043	10172	10207	10266	10263	
	Mean Temp. (0.1)	1st	17	-20	53	111	162	208	238	276	235	179	85	32	
		2nd	-24	33	51	122	176	219	244	277	216	153	96	26	
		3rd	-39	5	71	141	197	230	272	242	200	129	35	10	
	Mean Max.Temp. (0.1)	1st	55	41	98	187	224	265	281	329	287	229	135	86	
		2nd	18	77	117	191	246	265	289	336	267	217	152	77	
		3rd	-1	45	144	210	258	281	308	290	251	169	79	55	
	Mean Min.Temp. (0.1)	1st	-24	-81	9	49	100	161	206	235	188	134	34	-28	
		2nd	-67	-20	-11	66	114	186	208	232	175	97	41	-29	
		3rd	-82	-39	5	84	145	190	243	199	160	89	-6	-31	
	Mean D.P.Temp. (0.1)	1st	-19	-64	8	57	110	170	222	253	213	151	49	-4	
		2nd	-55	-4	3	84	123	197	221	250	187	126	67	-12	
		3rd	-73	-44	8	84	145	204	256	208	181	97	-8	-11	
	Mean Vapor Press (0.1hPa)	1st	56	39	73	95	135	195	269	323	254	180	94	63	
		2nd	42	66	66	112	144	230	268	318	217	148	104	60	
		3rd	37	46	67	113	168	240	329	250	209	127	60	61	
	Mean Rel. Humid. (%)	1st	79	75	74	75	76	81	92	88	89	85	80	79	
		2nd	80	79	74	81	75	88	89	87	85	86	85	78	
		3rd	78	73	70	73	76	87	92	83	90	83	75	87	
	Mean Wind Speed (0.1m/s)	1st	17	18	27	23	30	16	20	12	16	21	21	19	
		2nd	24	27	17	24	23	24	17	12	15	11	15	17	
		3rd	20	22	24	23	18	21	22	23	12	19	19	22	
Total Precip. (0.1mm)	1st	7	0	238	115	737	10	1070	8	0	390	29	101		
	2nd	112	426	5	521	404	51	469		397	64	111	9		
	3rd	100	191		234	396	307	1417	332	134	284	35	517		
Total Evaporation (0.1mm)	1st	96	147	211	313	412	500								
	2nd	117	145	237	308	536	423								
	3rd	113	128	380	372	535	444								
Total Sunshine (0.1hr)	1st	498	900	603	668	683	855	394	841	672	628	658	635		
	2nd	489	439	801	741	1161	673	573	830	596	679	533	520		
	3rd	567	554	1074	699	934	665	809	730	431	308	534	454		
Mean Cloud Amount (0.1)	1st	58	15	53	55	58	47	79	35	53	56	52	37		
	2nd	51	62	34	52	30	63	67	37	51	49	44	48		
	3rd	55	54	24	54	49	62	63	49	66	70	55	62		
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 30					19			05				110(46)	
		Max. Temp. < 25			25						15			174(127)	
		Mean Temp. < 25							08	25				49(45)	
		Min. Temp. < 25							24 - 30					7(3)	
	Continue	Max. Temp. < 30							30	25				27	
		Max. Temp. < 25							18	29				43	
		Mean Temp. < 25							19	25				38	
		Min. Temp. < 25							30 - 30					1	
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0							19	29					42(10)
		Mean Temp. < 0						17			11				86(38)
		Min. Temp. < 0					26				28				124(100)
Frost					31					31				153(63)	
Freezing					31					28				150(90)	
Snow						26				11				107(33)	
Snow Cover					26				11				107(35)		
Continue	Max. Temp. < 0							19 - 25						7	
	Mean Temp. < 0							18 - 27						10	
	Min. Temp. < 0							04	11					39	
	Frost								01 - 10					10	
	Freezing							04	10					38	
	Snow								25 - 29					5	
Snow Cover							18 - 31						14		

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10158	10161	10147	10075	10053	10023	10030	10007	10086	10134	10158	10161	10099
		Mean Sea Level	10222	10224	10208	10135	10112	10081	10087	10063	10144	10194	10219	10224	10159
		Highest	10309	10340	10303	10245	10275	10170	10181	10134	10233	10302	10346	10321	10346
		Date	01	25	04	19	14	05	06	26	21	30	29	25	11/29
		Lowest	10045	9997	10086	9832	9883	9947	9984	9835	9961	10053	10088	10031	9832
	Date	18	14	18	17	03	24	13	31	01	05	05	22	04/17	
(0.1)	Air Temp.	Mean	8	26	71	125	166	204	230	249	206	156	91	55	132
		Mean Max.	61	72	118	175	224	241	263	284	238	197	145	108	177
		Mean Min.	-35	-22	20	79	115	171	205	217	178	119	44	7	92
		Highest	147	134	207	294	288	293	339	329	288	252	222	184	339
		Date	02	13	29	22	12	17	26	14	01	08	14	03	07/26
		Lowest	-135	-83	-50	36	53	101	171	151	131	52	-22	-52	-135
	Date	24	25	01	02	14	02	07	30	23	30	25	16	01/24	
(0.1hPa)	Vapor Press.	Mean	31	42	61	96	124	190	247	265	212	143	79	52	129
		Highest	79	134	149	158	199	240	332	365	274	256	159	175	365
		Date	17	13	06	17	28	30	30	12	04	03	14	22	08/12
		Lowest	5	14	18	36	42	91	194	141	127	44	20	15	5
		Date	24	21	01	17	04	02	15	31	20	31	24	16	01/24
(0.1) Mean D.P.Temp.		-110	-67	-9	60	97	165	208	218	183	118	26	-35	71	
Rel. Humid. (%)	Mean	44	54	61	68	67	80	88	84	87	79	66	57	70	
	Lowest	12	15	14	16	16	36	51	48	53	32	14	13	12	
	Date	05	23	16	08	05	17	03	31	20	31	16	04	01/05	
(0.1mm)	Precip.	00-24h Total	128	406	268	1038	180	454	3239	1143	2430	967	584	1126	11963
		09-09h Total													
	Highest	1 Daily	69	197	88	259	131	428	1266	717	858	409	182	510	1266
		Date	29	24	05	07	10	24	04	28	03	05	22	14	07/04
	6 6 - Hour	Date	54	100	66	200	87	393	613	352	494	332	181	275	613
		Date	30	24	24	07	10	24	04	28	03	05	23	22	07/04
	1 60 - Minute	Date				46	24	133	234	163	200	99			234
		Date				07	10	24	24	28	03	05			07/24
	10 10 - Minute	Date				32	7	27	121	69	105	27			121
		Date				04	10	24	24	28	11	05			07/24
2 2 - Day	Date	98	204	82	285	136		1503	842	1181	416	192	542	1503	
	Date	29 - 30	23 - 24	23 - 24	06 - 07	10 - 11		04 - 05	28 - 29	02 - 03	04 - 05	22 - 23	13 - 14	07/04 - 07/05	
3 3 - Day	Date	110	54	100				2251	965	1192	595			2251	
	Date	28 - 30	12 - 14	23 - 25				01 - 07	26 - 31	02 - 05	04 - 08			07/01 - 07/07	
(0.1mm)	Evapor.	Small													
		Total Highest Date													
(0.1mm)	Large	Total Highest Date													
		Total Highest Date													
(0.1%)	Wind	Mean Speed	30	29	27	32	26	20	18	22	22	24	26	28	25
		Highest Speed	86	86	89	117	98	68	65	96	117	79	77	94	117
		Highest Dir.	WNW	NW	NNW	WSW	W	NNW	NW	NW	E	ENE	NNW	WNW	E
		Date	18	28	14	17	04	05	14	26	03	20	15	06	09/03
		Highest Gust Speed	185	149	135	223	221	120	124	171	153	128	137	147	223
		Highest Gust Dir.	WNW	W	NNW	WSW	WSW	N	NNW	NNW	E	E	NNW	WNW	WSW
		Date	18	19	14	17	04	05	14	29	03	20	22	06	04/17
		Resultant Speed	24	16	11	10	9	3	2	8	8	7	15	21	10
	Resultant Dir.	W	W	W	W	SSW	SSE	SW	WNW	NW	WNW	W	W	W	
(0.1)	Cloud Amount	Mean													
		Mean Low Mid.													
Sunshine	Total(0.1hr)	2085	2155	2033	2040	2943	2143	1580	2401	1226	1443	1778	1817	23644	
	Perc.(0.1%)	676	685	547	516	670	487	353	572	329	414	580	606	530	
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth Date													
		Snowfall Date													
		Total													
(0.1)	Grass Min. Temp.	Mean	-74	-53	-16	62	93	158	198	209	167	100	21	-22	70
		Lowest	-177	-113	-104	5	38	85	167	148	115	15	-63	-76	-177
		Date	24	21	11	01	14	02	22	27	23	30	25	16	01/24
(0.1)	Mean Soil Temp.	Surface	6	26	82	141	224	273	269	306	228	168	88	43	155
		0.05m Underground													
		0.1m "													
		0.2m "													
		0.3m "													
		0.5m "													
		1.0m "													
		1.5m "													
(0.1)	(0.01hr) Dur. of Precip.	(0.01hr) Dur. of Fog													

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Wind Directions Only	Hourly Occurrence Maximum Speed (0.1%)	NNE	34	35	46	41	36	45	33	39	40	36	35	37	46	
		NE	33	40	38	32	34	29	29	32	28	37	39	22	40	
		ENE	35	54	44	38	29	30	24	30	40	77	67	26	77	
		E	32	54	44	49	33	46	51	34	113	73	60	30	113	
		ESE	16	30	43	45	38	37	31	28	25	28	22	28	45	
		SE	17	29	40	47	53	55	48	32	31	26	22	20	55	
		SSE	18	34	42	62	62	49	51	38	30	29	39	29	62	
		S	25	31	32	40	60	40	31	36	33	38	36	36	60	
		SSW	49	52	58	55	45	33	40	47	39	47	54	63	63	
		SW	50	49	68	67	70	33	32	58	29	35	62	59	70	
		WSW	65	55	55	97	70	36	30	50	24	34	42	50	97	
		W	77	65	57	58	95	34	26	22	21	54	46	55	95	
		WNW	64	64	60	52	29	57	42	65	48	50	66	70	70	
		NW	68	71	72	78	76	45	62	82	57	62	70	81	82	
	NNW	60	81	83	89	81	60	51	61	69	61	71	59	89		
	N	59	54	69	52	44	53	45	36	58	51	46	51	69		
	Hourly Occurrence Percentage (0.1%)	CALM		7	3	3	5	18	36	3	15		1	5	8	
		NNE	11	26	23	19	23	24	44	42	35	17	19	11	24	
		NE	8	22	12	8	31	38	28	40	25	11	15	9	21	
		ENE	7	19	20	15	9	22	19	12	19	31	19	4	16	
		E	19	39	50	29	46	97	74	71	65	89	25	4	51	
		ESE	3	16	44	29	35	67	42	36	25	17	3	5	27	
		SE	8	11	28	79	141	113	82	52	29	12	3	11	48	
		SSE	1	30	36	90	103	97	82	39	44	24	18	17	49	
		S	8	23	34	50	62	57	47	23	50	35	28	16	36	
		SSW	32	55	50	75	47	57	51	32	54	50	67	39	51	
		SW	144	136	110	88	83	47	65	70	39	75	139	181	98	
		WSW	393	218	147	106	126	74	75	101	57	116	183	266	155	
W		221	187	202	114	160	64	71	155	150	239	246	216	169		
WNW		66	91	81	71	27	68	99	144	158	108	82	133	94		
NW	34	68	75	99	56	64	87	102	108	85	83	46	75			
NNW	28	36	43	103	30	44	50	38	72	46	46	24	46			
N	17	17	43	22	15	50	47	40	53	46	22	12	32			
Number of Days With Classified	Daily Max. Temp.	0.0	3												3	
		0.1 ~ 10.0	24	24	11								5	13	77	
		10.1 ~ 20.0	4	5	19	26	7				1	1	16	23	18	120
		20.1 ~ 30.0			1	4	24	30		26	21	29	15	2		152
	Daily Mean Temp.	30.1								5	9					14
		-5.0	2													2
		-4.9 ~ 0.0	10	7	1										1	19
		0.1 ~ 10.0	19	21	22	5						1	16	25	109	
	Daily Min. Temp.	10.1 ~ 20.0		1	8	23	28	13	3	4	8	29	14	5	136	
		20.1				2	3	17	28	27	22	1			100	
		-15.0														
		-14.9 ~ -5.0	9	5	1										1	16
	Daily Precip.	-4.9 ~ 0.0	15	19	8								6	11	59	
		0.1 ~ 10.0	7	5	22	26	9					7	22	19	117	
		10.1				4	22	30	31	31	30	24	2		174	
		0.1mm	5	9	7	12	5	4	16	13	19	14	9	7	120	
	60 - Minute Max. Precip.	10.0mm		1		4	1	1	9	2	7	3	2	3	33	
		30.0mm							1	3	1	3	1	1	10	
		80.0mm							1	1	1				2	
		100.0mm							1						1	
10 - Minute Max. Precip.	1.0mm				11	2	2	12	8	9	9			53		
	6.0mm						1	8	2	6	1			18		
	10.0mm						1	6	1	3				11		
	20.0mm							1		1				2		
Daily Max. New Snowfall	30.0mm															
	0.1mm															
	1.0mm				12	5	4	16	13	19	14			83		
	5.0mm				2		1	10	5	8	4			30		
Daily Max. Snow Depth	10.0mm								5	2	2			9		
	5.0mm													2		
	1.0mm															
	0.1cm															
Daily Min. Rel. Humid.	5.0cm															
	10.0cm															
	20.0cm															
	30.0cm															
Daily Max. Wind speed	20%	11	7	4	2	2						2	7	35		
	21 ~ 30%	13	12	10	8	7						6	9	65		
	31 ~ 40%	4	5	4	4	6	3				3	5	3	37		
	41 ~ 50%		1	4	4	10	4			2		5	8	4	42	
Daily Max. Wind speed	51 ~ 70%	2	2	8	10	6	13	10	20	10	16	8	6	111		
	71%	1	2	1	2		10	21	9	20	7	1	2	76		
	0.5 ~ 3.3%				1	3	6	9	13	7	6	2	2	49		
	3.4 ~ 7.9%	30	26	30	22	24	24	22	15	22	25	28	26	294		
Daily Max. Wind speed	8.0 ~ 13.8%	1	3	1	7	4				3	1			23		
	13.9%															

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Number of Days With Phenomena	Snow															
	Sleet															
	Snow Pellet															
	Hail															
	Fog															
	Frost															
	Freezing															
	Haze															
	Yellow Sand															
	Thunder Storm															
Sunshine (0%)	3	1	3	3	1	2	5	2	7	6	2	3	38			
< 20%	4	4	7	8	3	8	11	6	13	11	4	6	85			
80%	17	16	10	10	16	8	2	7	2	7	6	15	116			
Cloud Amount	2.4															
2.5 ~ 5.4																
5.5 ~ 7.4																
7.5																
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10219	10222	10225	10148	10084	10113	10098	10096	10092	10165	10223	10205		
		2nd	10191	10186	10203	10138	10153	10054	10065	10058	10163	10209	10194	10235		
		3rd	10253	10268	10199	10120	10099	10076	10096	10039	10176	10206	10239	10230		
	Mean Temp. (0.1)	1st	40	13	55	126	159	188	212	256	220	179	99	69		
		2nd	-7	46	69	118	154	211	224	269	205	163	120	51		
		3rd	-6	18	88	133	182	214	252	223	194	129	55	47		
	Mean Max.Temp. (0.1)	1st	97	64	100	180	221	224	248	289	252	217	150	126		
		2nd	45	89	114	160	215	251	247	308	231	213	177	103		
		3rd	42	63	137	184	236	248	290	258	230	165	109	95		
	Mean Min.Temp. (0.1)	1st	-3	-35	11	78	116	148	188	226	195	140	52	10		
		2nd	-53	-4	17	78	98	183	202	236	178	119	69	4		
		3rd	-49	-25	32	81	131	183	224	192	160	99	11	6		
	Mean D.P.Temp. (0.1)	1st	-91	-102	-9	60	80	142	195	233	200	142	38	-66		
		2nd	-118	-42	-27	56	89	172	206	236	181	122	53	-23		
		3rd	-120	-57	6	63	120	180	221	187	167	92	-14	-17		
	Mean Vapor Press (0.1hPa)	1st	34	29	63	97	111	166	227	287	235	167	84	40		
		2nd	28	53	55	94	117	197	243	293	210	144	93	56		
		3rd	30	42	65	98	143	207	268	220	192	120	61	61		
	Mean Rel. Humid. (%)	1st	40	45	68	69	64	77	91	88	89	81	68	41		
		2nd	46	56	55	69	67	80	90	83	87	78	66	62		
3rd		47	62	60	67	69	83	84	81	85	80	65	66			
Mean Wind Speed (0.1m/s)	1st	29	29	29	30	32	20	18	18	20	26	28	28			
	2nd	30	30	26	30	25	23	18	16	25	22	25	29			
	3rd	31	27	28	35	22	19	18	30	21	25	25	26			
Total Precip. (0.1mm)	1st		38	136	463	171	20	2251	49	1215	595	198	1			
	2nd	18	54	32	183	5	6	564	62	1061	55	119	542			
	3rd	110	314	100	392	4	428	424	1032	154	317	267	583			
Total Evaporation (0.1mm)	1st															
	2nd															
	3rd															
Total Sunshine (0.1hr)	1st	716	916	569	622	766	759	408	877	425	420	608	677			
	2nd	732	589	642	725	1098	642	433	956	423	677	722	573			
	3rd	637	650	822	693	1079	742	739	568	378	346	448	567			
Mean Cloud Amount (0.1)	1st															
	2nd															
	3rd															
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 30							01	19				50(16)		
		Max. Temp. < 25				09						08		183(80)		
		Mean Temp. < 25							10	25				47(31)		
		Min. Temp. < 25							27	13				18(5)		
	Continue	Max. Temp. < 30								11 - 16				6		
		Max. Temp. < 25							21	27				38		
		Mean Temp. < 25								03 - 25				23		
		Min. Temp. < 25							27 - 29					3		
	'15.7 - '16.6 Low Temp. Phenomena		'15	7	8	9	10	11	12	'16	1	2	3	4	5	6
	Genesis	Max. Temp. < 0								19 - 24					6(3)	
		Mean Temp. < 0							01	17		01			76(21)	
		Min. Temp. < 0									15				136(74)	
Frost																
Continue	Freezing															
	Snow															
	Snow Cover															
	Max. Temp. < 0								23 - 24					2		
Mean Temp. < 0								18 - 25					8			
Min. Temp. < 0								06 - 28					23			
Frost																
Freezing																
Snow																
Snow Cover																

Element		1	2	3	4	5	6	7	8	9	10	11	12				
(0.1hPa)	Air Press.	Mean Station	10180	10172	10144	10066	10048	10009	10012	9991	10065	10122	10161	10177	10096		
		Mean Sea Level	10253	10244	10215	10133	10114	10074	10076	10055	10130	10190	10232	10249	10164		
		Highest	10345	10362	10307	10250	10249	10148	10153	10117	10227	10323	10348	10355	10362		
		Date	01	25	01	19	14	06	07	27	21	30	29	30	02/25		
		Lowest	10109	10000	10093	9888	9909	9963	9986	9895	9968	10053	10120	10061	9888		
		Date	18	13	18	17	03	24	16	31	01	05	22	04/17			
(0.1)	Air Temp.	Mean	- 18	10	73	147	199	236	263	276	227	159	69	23	139		
		Mean Max.	23	59	132	212	262	287	305	325	270	205	120	67	189		
		Mean Min.	- 54	- 33	22	90	138	193	229	236	190	121	24	- 19	95		
		Highest	115	188	206	291	313	320	338	363	314	290	210	143	363		
		Date	02	13	31	26	19	21	31	20	05	03	14	05	08/20		
		Lowest	- 163	- 94	- 73	58	95	157	194	163	134	18	- 42	- 75	- 163		
		Date	24	07	01	05	16	05	04	31	21	30	25	30	01/24		
(0.1hPa)	Vapor Press.	Mean	32	37	48	81	106	168	238	223	185	124	63	46	113		
		Highest	87	155	153	174	208	258	324	306	289	279	145	141	324		
		Date	03	13	05	13	24	24	24	09	05	03	14	22	07/24		
		Lowest	8	13	12	22	33	62	156	101	85	23	16	13	8		
		Date	24	23	11	05	04	02	03	29	20	30	24	16	01/24		
(0.1) Mean D.P.Temp.			- 99	- 86	- 48	31	70	143	201	189	160	92	- 10	- 50	49		
Rel. Humid. (%)	Mean		56	52	46	52	50	60	71	62	69	68	60	61	59		
		Lowest	17	13	10	8	7	16	33	25	27	14	19	15	7		
		Date	05	22	28	01	20	02	09	20	15	30	01	01	05/20		
(0.1mm)	Precip.	00~24h Total	57	455	132	1321	844	399	3200	690	781	836	264	401	9380		
		09~09h Total	57	455	132	1319	844	399	3200	795	676	836	264	401	9378		
	Highest	1 Daily	20	147	64	292	185	321	1536	224	490	187	79	175	1536		
		Date	18	28	05	13	10	24	04	09	17	07	10	21	07/04		
	6 6 - Hour	Date	10	146	61	288	168	246	977	224	247	197	76	143	977		
		Date	17	28	05	17	16	24	04	09	17	08	08	22	07/04		
	1 60 - Minute	Date				88	65	95	245	224	105	51			245		
		Date				17	03	24	04	09	01	03			07/04		
	10 10 - Minute	Date				22	19	28	122	98	80	49			122		
		Date				13	03	24	06	09	01	03			07/06		
2 2 - Day	Date	30	246	92	385	243	38	1896	188	551	345	89	296	1896			
	Date	17 - 18	12 - 13	04 - 05	16 - 17	02 - 03	15 - 16	04 - 05	30 - 31	17 - 18	07 - 08	10 - 11	21 - 22	07/04 - 07/05			
3 3 - Day	Date	38	260	94	398			2719	220	569			302	2719			
	Date	17 - 19	12 - 16	04 - 06	16 - 18			30 - 06	28 - 31	16 - 18			21 - 23	06/30 - 07/06			
(0.1mm)	Evapor.	Total	399	471	940	1279	1808	1793									
		Highest	21	29	54	82	86	85									
	Small	Date	09	23	30	26	21	01									
		Total				884	1349	1240									
Large	Highest				67	76	65										
	Date				26	30	05										
(0.1%)	Wind	Mean Speed	13	15	14	18	18	17	17	17	15	15	13	13	15		
		Highest Speed	53	52	65	62	71	56	49	51	53	55	50	52	71		
		Highest Dir.	WNW	WNW	SSE	WSW	WNW	E	SE	W	SSE	SE	ESE	NW	WNW		
		Date	19	23	05	17	04	05	16	31	02	07	06	01	05/04		
		Highest Gust Speed	111	123	111	144	147	106	110	102	96	91	92	108	147		
		Highest Gust Dir.	WNW	WNW	W	WNW	W	W	SW	WSW	S	WSW	WSW	WSW	W		
		Date	19	20	29	17	04	25	30	31	01	07	22	22	05/04		
		Resultant Speed	8	10	8	4	7	7	6	5	3	3	5	7	5		
		Resultant Dir.	NW	W	WNW	W	W	WSW	SW	NNW	NNE	NNE	WNW	WNW	WNW		
(0.1)	Cloud Amount	Mean	52	44	38	52	46	58	72	51	68	64	46	50	53		
		Mean Low Mid.	37	29	20	27	23	34	48	35	42	41	30	40	34		
Sunshine	Total(0.1hr)	1813	1973	2442	2205	2885	2380	1859	2478	1639	1507	1824	1615	24620			
	Perc.(0.1%)	587	627	657	559	658	542	417	591	440	432	594	536	552			
(0.01MJ/m) Total Horizontal Radiation		24537	30552	46085	49824	64903	57826	48168	52868	37046	29455	25374	21197	487835			
(0.1cm)	Snow	Snow Depth	65	60	40									4	65		
		Date	19	29	01										29	01/19	
		Snowfall	53	50											4	53	
		Date	18	28												29	01/18
		Total	107	116												7	230
(0.1)	Grass Min. Temp.	Mean	- 79	- 64	- 12	61	110	170	217	217	169	95	- 11	- 56	68		
		Lowest	- 163	- 120	- 65	6	69	123	184	141	102	- 22	- 87	- 115	- 163		
		Date	24	07	12	01	17	02	19	29	21	30	24	16	01/24		
(0.1)	Mean Soil Temp.	Surface	- 6	15	86	152	211	273	275	299	237	163	70	20	150		
		0.05m															
		0.1m															
		0.2m															
		0.3m															
		0.5m															
		1.0m															
		1.5m															
		3.0m															
5.0m																	
(0.01hr) Dur. of Precip.		8100	8504	2684	7301	6248	2725	9200	4413	6055	8137	4305	7740	75412			
(0.01hr) Dur. of Fog			358							67	2534		525	3484			

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	26	28	27	36	34	31	22	44	36	45	26	34	45	
		NE	32	22	25	39	43	30	29	40	40	41	26	22	43	
		ENE	14	20	20	28	21	32	22	42	43	26	32	20	43	
		E	12	10	21	38	33	52	30	30	36	46	21	21	52	
		ESE		16	7	44	44	45	34	41	39	44	42	21	45	
		SE	15	34	20	50	41	40	46	30	39	48	41	24	50	
		SSE	25	31	61	43	46	40	40	35	46	40	23	24	61	
		S	20	27	36	33	44	42	41	32	32	41	30	17	44	
		SSW	27	23	32	26	56	32	39	21	39	29	22	32	56	
		SW	19	34	37	41	35	24	31	27	30	21	31	41	41	
		WSW	31	43	39	57	54	41	38	33	34	28	32	39	57	
		W	42	39	28	54	49	41	39	41	26	27	33	35	54	
		WNW	45	43	40	29	57	36	28	29	28	29	33	41	57	
		NW	40	39	42	39	39	34	31	31	27	36	36	48	48	
	NNW	50	36	35	38	34	28	41	32	24	33	36	32	50		
	(0.1%)	N	31	28	27	36	27	30	30	38	24	37	21	26	38	
	Hourly Occurrence Percentage	CALM	187	124	124	75	60	39	60	34	78	93	114	106	91	
		NNE	62	29	30	83	31	39	34	74	114	98	35	47	56	
		NE	35	13	17	33	27	10	24	36	78	71	33	39	35	
		ENE	9	11	3	10	5	13	9	20	42	12	17	12	14	
		E	1	1	4	11	5	8	12	13	10	11	8	11	8	
		ESE		4	3	25	12	24	19	23	24	48	19	4	17	
		SE	5	17	13	36	32	42	55	34	35	51	36	17	31	
		SSE	28	34	56	76	75	74	124	101	89	77	60	46	70	
		S	30	27	36	49	70	72	103	46	76	47	47	34	53	
		SSW	30	37	32	42	60	53	62	32	26	23	46	27	39	
		SW	21	75	54	67	63	56	62	32	21	17	43	36	45	
WSW		55	126	97	133	152	153	137	73	44	50	67	85	97		
W		125	152	129	106	114	139	89	77	46	67	113	122	106		
WNW	145	145	114	56	75	89	48	63	40	60	100	111	87			
NW	125	99	136	54	75	92	63	117	79	79	104	111	95			
NNW	94	56	101	71	86	69	67	134	94	113	106	107	92			
(0.1%)	N	48	47	51	74	55	31	31	91	104	82	53	85	63		
Number of Days With Classified	Daily Max. Temp.	0.0	7	3										1	11	
		0.1 ~ 10.0	22	21	8							1	10	25	87	
		10.1 ~ 20.0	2	5	21	12	2					1	12	19	5	79
		20.1 ~ 30.0			2	18	26	20	14	6	25	18	1			130
		30.1					3	10	17	25	4					59
	Daily Mean Temp.	-5.0	7												7	
		-4.9 ~ 0.0	13	12	1								1	9	36	
		0.1 ~ 10.0	11	16	23							3	22	22	97	
		10.1 ~ 20.0		1	7	29	18			4	4	25	7		95	
		20.1				1	13	30	31	27	26	3			131	
	Daily Min. Temp.	-15.0	1												1	
		-14.9 ~ -5.0	12	9	1									5	27	
		-4.9 ~ 0.0	14	17	6								10	18	65	
		0.1 ~ 10.0	4	3	24	21	1					9	18	8	88	
		10.1				9	30	30	31	31	30	22	2		185	
	Daily Precip.	0.1mm	7	9	4	9	7	8	12	10	7	9	9	7	98	
		10.0mm		3		5	4	1	6	3	2	4		2	30	
		30.0mm						1	3		1				5	
		80.0mm							1						1	
		100.0mm							1						1	
	60 - Minute Max. Precip.	1.0mm				9	7	4	10	6	7	7			50	
		6.0mm				4	1	1	6	2	2				16	
		10.0mm							4	2	1				7	
		20.0mm							1	1					2	
30.0mm																
10 - Minute Max. Precip.	0.1mm				9	7	8	12	10	7	9			62		
	1.0mm				4	4	3	7	5	4	4			31		
	5.0mm							5	1	1				7		
	10.0mm							1						1		
Daily Max. New Snowfall	0.1cm	7	6										2	15		
	5.0cm	1	1											2		
	10.0cm															
	20.0cm															
	30.0cm															
Daily Max. Snow Depth	0.1cm	12	6	1									2	21		
	5.0cm	2	2											4		
	10.0cm															
	20.0cm															
	30.0cm															
Daily Min. Rel. Humid.	20%	2	6	15	11	16	3				1	2	3	59		
	21 ~ 30%	11	11	9	14	7	10			4	3	3	8	7		
	31 ~ 40%	7	6	5	2	5	12	7	18	11	10	9	4	96		
	41 ~ 50%	10	3	1	2	2	2	12	6	8	11	8	7	72		
	51 ~ 70%	1	3	1		1	3	10	3	6	6	2	9	45		
Daily Max. Wind speed	71%				1			2		2		1	1	7		
	0.5 ~ 3.3%	20	10	15	7	9	7	9	11	16	17	18	16	155		
	3.4 ~ 7.9%	11	19	16	23	22	23	22	20	14	14	12	15	211		
	8.0 ~ 13.8%															
	13.9%															

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Number of Days With Phenomena	Snow	8	7	1								1	5	22		
	Sleet	3	4										2	9		
	Snow Pellet															
	Hail															
	Fog		2							1	6		1	10		
	Frost	1	1	1								1	8	13	25	
	Freezing	27	26	9								1	11	23	97	
	Haze	15	8	14	11	14	15	4	5	10	8	20	12	136		
	Yellow Sand				2	1									3	
	Thunder Storm				1		1	4	2	2					10	
	Sunshine (0%)	2	2	1	1	2	0	2	1	4	1	3	2	21		
	< 20%	3	4	4	4	4	5	8	5	9	10	5	6	67		
	80%	9	13	12	9	12	8	3	9	5	5	13	10	108		
	Cloud Amount	3	10	12	5	7	4	1	5	1	3	11	8	70		
2.5 ~ 5.4	14	8	10	11	13	7	6	11	5	6	6	8	105			
5.5 ~ 7.4	9	5	6	6	5	9	8	11	10	10	6	6	91			
7.5	5	6	3	8	6	10	16	4	14	12	7	9	100			
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10249	10249	10230	10145	10093	10101	10085	10085	10079	10160	10234	10237		
		2nd	10223	10202	10209	10141	10150	10053	10051	10050	10147	10209	10203	10254		
		3rd	10284	10285	10205	10115	10101	10069	10090	10034	10165	10201	10259	10255		
	Mean Temp. (0.1)	1st	18	-10	56	141	181	225	250	288	246	185	82	32		
		2nd	-30	33	68	137	197	239	252	299	224	163	98	25		
		3rd	-40	8	93	162	216	244	284	244	211	131	27	12		
	Mean Max.Temp. (0.1)	1st	57	42	105	213	244	276	294	338	293	232	135	82		
		2nd	13	84	128	195	264	290	293	347	265	217	154	72		
		3rd	1	49	161	230	275	294	327	292	252	170	70	49		
	Mean Min.Temp. (0.1)	1st	-17	-59	13	81	121	177	218	245	207	149	35	-15		
		2nd	-65	-7	17	88	129	199	217	259	190	119	48	-17		
		3rd	-78	-33	34	102	162	203	251	206	173	97	-10	-24		
	Mean D.P.Temp. (0.1)	1st	-73	-126	-40	15	56	112	203	213	181	123	-2	-52		
		2nd	-105	-43	-50	38	64	159	187	200	154	98	26	-52		
		3rd	-116	-90	-53	39	90	159	213	158	144	58	-55	-46		
	Mean Vapor Press (0.1hPa)	1st	39	24	53	73	97	137	239	254	209	153	66	45		
		2nd	30	52	47	86	100	183	217	236	179	125	78	46		
		3rd	28	34	43	86	120	184	256	183	168	98	45	48		
	Mean Rel. Humid. (%)	1st	53	43	53	48	51	53	77	66	69	70	58	57		
		2nd	59	61	47	57	48	64	69	58	68	70	64	59		
3rd		57	53	39	51	50	62	67	62	68	64	58	67			
Mean Wind Speed (0.1m/s)	1st	12	14	16	17	21	17	15	14	15	17	15	13			
	2nd	15	17	12	19	18	16	17	15	16	10	11	12			
	3rd	13	15	15	18	15	18	17	20	14	17	13	15			
Total Precip. (0.1mm)	1st			94	233	428	11	2717	276	150	572	157	35			
	2nd	47	260	38	700	234	65	274	0	569	45	92	3			
	3rd	10	195		388	182	323	209	414	62	219	15	363			
Total Evaporation (0.1mm)	1st	154	180	220	421	520	635									
	2nd	118	134	257	383	614	531									
	3rd	127	157	463	475	674	627									
Total Sunshine (0.1hr)	1st	596	920	610	734	743	822	492	845	611	564	695	602			
	2nd	569	487	753	751	1147	770	521	991	534	628	627	572			
	3rd	648	566	1079	720	995	788	846	642	494	315	502	441			
Mean Cloud Amount (0.1)	1st	52	14	49	52	58	52	82	43	68	60	46	37			
	2nd	52	63	39	53	30	60	71	46	67	54	42	50			
	3rd	54	57	29	53	48	61	64	61	69	78	49	60			
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 30				19				05				110(60)		
		Max. Temp. < 25			25						15			174(135)		
		Mean Temp. < 25						10			05			88(59)		
		Min. Temp. < 25							23	24				33(22)		
	Continue	Max. Temp. < 30							30	25				27		
		Max. Temp. < 25							17	27				42		
		Mean Temp. < 25							19	25				38		
		Min. Temp. < 25							12	21				10		
	'15.7-'16.6 Low Temp. Phenomena		'15	7	8	9	10	11	12	'16	1	2	3	4	5	6
	Genesis	Max. Temp. < 0								19	29				42(10)	
		Mean Temp. < 0						26				01			97(40)	
		Min. Temp. < 0						26				15			111(83)	
Frost					31						15			137(14)		
Freezing					31						28			150(87)		
Snow						26					11			107(23)		
Snow Cover					26					01			97(27)			
Continue	Max. Temp. < 0								19	25				7		
	Mean Temp. < 0								18	28				11		
	Min. Temp. < 0								05	28				24		
	Frost						18	20						3		
	Freezing								05	28				24		
	Snow								23	26				4		
Snow Cover								18	27				10			

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10169	10162	10134	10056	10039	10000	10002	9982	10055	10112	10151	10167	10086
		Mean Sea Level	10257	10249	10219	10138	10119	10078	10080	10059	10134	10194	10236	10254	10168
		Highest	10350	10366	10311	10251	10251	10148	10155	10117	10229	10329	10353	10360	10366
		Date	01	25	01	19	14	06	07	27	21	30	29	30	02/25
		Lowest	10113	10007	10100	9898	9917	9966	9990	9905	9974	10055	10125	10067	9898
(0.1)	Air Temp.	Mean	- 13	15	75	148	198	237	266	279	224	157	72	25	140
		Mean Max.	36	70	141	215	264	287	307	332	266	206	128	76	194
		Mean Min.	- 54	- 33	16	89	135	192	231	235	190	120	24	- 20	94
		Highest	141	187	229	292	313	320	347	376	315	279	219	148	376
		Date	03	13	30	26	19	21	31	20	01	04	14	22	08/20
(0.1hPa)	Vapor Press.	Lowest	- 170	- 97	- 75	48	92	146	200	158	128	12	- 49	- 83	- 170
		Date	24	02	01	01	05	05	04	29	21	30	24	16	01/24
		Mean	40	44	60	100	135	207	277	265	213	144	77	54	135
		Highest	101	163	156	176	214	284	350	346	291	293	165	161	350
		Date	03	13	05	17	15	30	29	07	05	03	14	22	07/29
(0.1) Mean D.P.Temp.		- 67	- 58	- 15	64	110	178	227	218	183	117	20	- 27	79	
Rel. Humid. (%)	Mean	69	62	58	63	62	72	81	72	79	79	72	71	70	
	Lowest	23	11	13	8	13	24	46	29	41	19	19	25	8	
	Date	05	10	28	23	19	02	09	20	24	30	23	01	04/23	
(0.1mm)	Precip.	00-24h Total	116	458	403	1549	851	625	3679	574	1960	1226	295	548	12284
		09-09h Total	120	458	403	1549	851	625	3679	581	1953	1226	295	548	12288
	Highest	1 Daily	38	168	267	372	257	433	1791	172	978	323	87	205	1791
		Date	17	12	05	21	10	24	04	26	17	08	18	21	07/04
	6 6 - Hour	Date	17	28	05	17	24	24	04	26	17	08	19	22	07/04
		1 60 - Minute				128	63	98	394	96	228	105			394
	10 10 - Minute	Date				17	03	24	04	26	08	25			07/04
		Date				27	03	27	04	09	08	25			07/04
	2 2 - Day	Date	73	251	347	436	294	79	1936	77	1103	547	94	381	1936
		Date	17 - 18	12 - 13	04 - 05	16 - 17	10 - 11	15 - 16	04 - 05	06 - 07	17 - 18	07 - 08	18 - 19	21 - 22	07/04 - 07/05
3 3 - Day	Date	77	255		453			3258	110	1172	102		394	3258	
	Date	17 - 19	11 - 13		16 - 18			30 - 08	28 - 31	16 - 18	30 - 03		21 - 23	06/30 - 07/08	
(0.1mm)	Evapor.	Total	259	514	788	1097	1437	1354							
		Highest	20	60	42	58	73	80							
	Small	Date	30	13	28	29	20	23							
		Total				881	1216	1116							
Large	Highest				49	68	62								
	Date				29	20	23								
(0.1%)	Wind	Mean Speed	13	17	15	17	17	16	16	14	13	14	12	13	15
		Highest Speed	69	62	79	77	74	59	66	64	66	67	64	66	79
		Highest Dir.	NW	NW	S	SSW	S	S	ESE	S	S	ESE	E	S	S
		Date	19	29	05	17	15	27	15	18	01	04	06	22	03/05
		Highest Gust Speed	142	123	127	147	148	104	123	123	124	115	110	122	148
		Highest Gust Dir.	NW	W	SSE	S	S	ESE	S	NW	S	E	N	SSW	S
		Date	19	09	05	17	15	05	05	31	01	21	22	22	05/15
		Resultant Speed	8	8	4	4	3	4	5	4	4	4	4	6	1
Resultant Dir.	NNW	WNW	W	S	SW	SSW	SSE	N	E	ENE	NNW	NW	WNW		
(0.1)	Cloud Amount	51	42	37	51	44	55	68	48	66	63	47	49	52	
	Mean Low Mid.	37	29	20	28	23	37	47	35	42	41	34	39	34	
Sunshine	Total(0.1hr)	1811	1955	2383	2197	2894	2219	2029	2560	1468	1499	1792	1594	24401	
	Perc.(0.1%)	584	620	642	557	661	507	456	611	394	430	583	528	547	
(0.01MJ/m) Total Horizontal Radiation		28285	35978	53744	58762	75929	64342	57885	63330	41588	35190	29647	25029	569709	
(0.1cm)	Snow	Snow Depth	43	35										9	43
		Date	19	26										29	01/19
		Snowfall	30	35										9	35
		Date	18	26										29	02/26
(0.1)	Grass Min. Temp.	Total	84	93									9	186	
		Mean	- 104	- 88	- 45	47	97	160	218	219	177	87	- 17	- 64	57
(0.1)	Mean Soil Temp.	Lowest	- 170	- 167	- 115	- 21	47	95	187	150	117	- 24	- 95	- 128	- 170
		Date	24	02	12	01	05	02	19	29	23	30	29	30	01/24
(0.1)	Mean Soil Temp.	Surface	1	22	91	168	235	288	310	336	245	171	78	30	165
		0.05m Underground	10	26	86	163	228	273	286	316	246	183	95	43	163
		0.1m "	11	25	85	160	222	269	286	314	243	180	91	39	160
		0.2m "	18	28	83	156	216	265	282	311	243	182	97	45	161
		0.3m "	24	30	79	149	207	256	278	307	246	190	109	55	161
		0.5m "	44	42	79	140	193	241	266	297	250	205	133	76	164
		1.0m "	65	56	80	133	180	225	249	277	249	214	156	103	166
		1.5m "	97	77	85	117	154	194	227	252	244	220	178	130	165
3.0m "	146	124	113	117	133	155	188	204	217	214	200	175	166		
5.0m "	171	161	150	143	141	145	157	168	179	187	190	186	165		
(0.01hr) Dur. of Precip.		9676	8596	2758	9227	7017	4749	10897	5200	9143	9209	4548	8371	89391	
(0.01hr) Dur. of Fog		117	833	1208	200		133	50		125	1208	1192		5066	

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	19	15	24	23	22	17	24	26	23	17	24	17	26
		NE	21	13	25	23	27	20	31	29	21	21	19	17	31
		ENE	9	13	17	32	37	43	27	31	34	37	16	13	43
		E	33	8	22	42	42	41	42	46	53	41	54	14	54
		ESE	24	43	28	51	43	45	63	46	55	66	55	40	66
		SE	22	44	37	50	44	47	39	40	44	54	40	44	54
		SSE	19	31	44	41	53	51	30	38	22	26	17	31	53
		S	30	31	77	43	68	46	52	47	52	35	28	65	77
		SSW	33	51	41	73	48	46	43	39	48	28	35	48	73
		SW	21	38	36	41	33	24	27	19	32	17	21	31	41
		WSW	21	35	25	35	30	28	23	21	15	19	23	20	35
		W	29	31	23	35	49	26	27	45	20	16	22	31	49
		WNW	55	55	27	61	64	33	20	52	22	27	28	42	64
		NW	69	55	55	31	52	39	31	37	27	45	40	47	69
	NNW	45	45	40	36	34	33	25	33	36	31	39	52	52	
	(0.1%)	N	23	18	31	29	24	24	25	34	26	25	24	21	34
	Hourly Occurrence Percentage	CALM	133	129	141	100	87	78	97	110	154	153	178	179	128
		NNE	47	11	24	19	30	26	55	60	35	43	25	34	34
		NE	19	6	9	17	12	21	30	35	36	27	22	17	21
		ENE	12	13	11	32	22	25	23	35	49	27	19	13	23
		E	13	4	26	33	44	39	40	59	79	46	13	19	35
		ESE	23	36	23	83	73	75	124	56	118	110	44	34	67
		SE	13	33	38	56	35	28	38	56	58	70	38	32	41
		SSE	21	19	38	36	38	21	24	13	21	22	18	21	24
		S	30	30	70	72	59	103	86	13	38	20	33	23	48
		SSW	52	88	93	133	156	156	168	28	36	19	42	43	84
		SW	23	42	59	60	50	57	63	32	18	11	17	34	39
WSW		27	29	39	39	31	36	32	15	21	16	26	26	28	
W		24	49	27	56	60	54	32	46	22	13	42	35	38	
WNW	50	98	69	54	52	58	16	58	38	46	69	97	59		
NW	207	251	155	82	129	88	69	102	97	164	188	219	146		
NNW	209	134	141	78	79	83	62	134	110	118	158	125	119		
(0.1%)	N	97	29	39	50	43	53	42	145	71	95	68	51	65	
Number of Days With Classified	Daily Max. Temp.	0.0	7											7	
		0.1 ~ 10.0	22	24	6								10	22	
		10.1 ~ 20.0	2	5	23	11	2				1	11	19	9	
		20.1 ~ 30.0			2	19	25	20	10	6	25	20	1		
	30.1					4	10	21	25	4					
	Daily Mean Temp.	-5.0	7											7	
		-4.9 ~ 0.0	12	12	1								1	9	
		0.1 ~ 10.0	12	16	22						3	22	22	97	
		10.1 ~ 20.0		1	8	30	17	1		2	5	25	7	96	
	20.1					14	29	31	29	25	3				
	Daily Min. Temp.	-15.0	1											1	
		-14.9 ~ -5.0	13	11	2									6	
		-4.9 ~ 0.0	14	15	10							11	17	67	
		0.1 ~ 10.0	3	3	19	21	3				7	17	8	81	
	10.1				9	28	30	31	31	30	24	2			
	Daily Precip.	0.1mm	10	9	3	11	8	10	14	10	11	11	11	10	
		10.0mm		2	1	6	3	1	7	2	4	4		3	
		30.0mm				1		1	4		2	1		9	
		80.0mm							1		1			2	
		100.0mm							1					1	
	60 - Minute Max. Precip.	1.0mm				9	7	5	10	8	8	7		54	
		6.0mm				3	1	1	6	4	5	3		23	
		10.0mm				2			4		3	2		11	
		20.0mm							2		1			3	
30.0mm								1					1		
10 - Minute Max. Precip.	0.1mm				11	8	10	14	10	11	11		75		
	1.0mm				4	3	4	8	7	6	6		38		
	5.0mm							4		2			6		
	10.0mm							1					1		
Daily Max. New Snowfall	0.1cm	9	5										1		
	5.0cm												15		
	10.0cm														
Daily Max. Snow Depth	0.1cm	9	5										1		
	5.0cm												15		
	10.0cm														
Daily Min. Rel. Humid.	20%		1	7	7	9					1	1			
	21 ~ 30%	2	12	11	8	5	2		2		6	5	53		
	31 ~ 40%	8	8	8	7	7	3		6		4	6	63		
	41 ~ 50%	8	3	2	4	5	13	1	8	9	5	3	4		
	51 ~ 70%	13	3	3	3	5	11	25	15	16	16	11	11		
71%		2		1		1	5		5	5	3	5			
Daily Max. Wind speed	0.5 ~ 3.3%	14	5	7	9	11	9	10	16	18	16	16	18		
	3.4 ~ 7.9%	17	24	24	21	20	21	21	15	12	15	14	13		
	8.0 ~ 13.8%														
13.9%													217		

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow	11	7	1								1	2	22	
	Sleet	4	2										3	9	
	Snow Pellet		1											1	
	Hail														
	Fog	1	3	3	2		1	1		2	5	4		22	
	Frost	8	8	5							1	10	18	50	
	Freezing	29	25	10								11	23	98	
	Haze	11	7	12	7	10	7	1	1	1	3	6	9	75	
	Yellow Sand				2	1								3	
	Thunder Storm			1			1	3	2	3			1	11	
	Sunshine (0%)	2	2	2	1	2	1	2	2	4	5	3	2	28	
	< 20%	3	5	5	6	3	5	8	5	11	10	5	8	74	
	80%	8	13	13	8	15	6	3	10	4	6	10	9	105	
	Cloud Amount	3	12	11	7	10	4			6	2	4	9	7	
2.5 ~ 5.4	16	6	13	7	11	8	9	12	8	3	7	12	112		
5.5 ~ 7.4	7	5	3	7	3	10	10	9	8	12	7	3	84		
7.5	5	6	4	9	7	8	12	4	12	12	7	9	95		
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10254	10253	10234	10149	10099	10105	10090	10089	10083	10164	10238	10241	
		2nd	10227	10208	10214	10146	10155	10057	10055	10053	10150	10214	10207	10259	
		3rd	10288	10291	10210	10119	10105	10073	10094	10038	10170	10205	10264	10261	
	Mean Temp. (0.1)	1st	21	-7	58	145	181	225	252	291	245	183	84	35	
		2nd	-24	37	69	139	196	242	255	301	220	160	102	28	
		3rd	-34	13	95	159	216	244	289	248	207	132	29	14	
	Mean Max.Temp. (0.1)	1st	72	58	116	218	249	279	292	343	290	229	144	92	
		2nd	25	91	136	199	265	289	297	359	259	221	161	80	
		3rd	13	60	168	229	277	293	329	298	248	171	79	58	
	Mean Min.Temp. (0.1)	1st	-21	-63	9	82	118	175	220	247	212	147	33	-16	
		2nd	-64	-8	10	86	127	200	221	254	188	118	50	-18	
		3rd	-75	-28	27	100	157	202	251	206	170	98	-12	-24	
	Mean D.P.Temp. (0.1)	1st	-41	-96	-10	47	97	152	225	240	202	147	30	-26	
		2nd	-77	-21	-22	69	106	187	215	230	179	120	54	-27	
		3rd	-83	-57	-12	75	126	195	239	187	169	87	-25	-27	
	Mean Vapor Press (0.1hPa)	1st	48	30	65	90	125	175	272	299	237	175	82	53	
		2nd	36	60	57	103	131	216	258	282	207	142	95	54	
		3rd	36	43	58	107	149	228	298	220	195	118	55	55	
	Mean Rel. Humid. (%)	1st	65	54	65	58	64	66	86	76	78	81	71	67	
		2nd	69	69	57	67	61	74	80	68	79	79	75	69	
3rd		71	63	51	63	61	76	76	71	81	76	71	76		
Mean Wind Speed (0.1m/s)	1st	13	15	16	16	18	16	14	11	15	16	15	13		
	2nd	15	19	12	19	18	16	18	13	13	9	10	10		
	3rd	12	15	16	17	15	16	17	19	12	17	11	14		
Total Precip. (0.1mm)	1st	0	0	347	270	518	21	3245	155	263	835	129	26		
	2nd	79	261	56	746	164	103	433	0	1270	78	109	18		
	3rd	37	197		533	169	501	1	419	427	313	57	504		
Total Evaporation (0.1mm)	1st	111	168	195	369	414	448								
	2nd	60	197	221	337	500	452								
	3rd	88	149	372	391	523	454								
Total Sunshine (0.1hr)	1st	601	921	581	746	730	766	448	883	532	562	690	607		
	2nd	618	508	723	757	1151	734	573	1011	472	604	605	542		
	3rd	592	526	1079	694	1013	719	1008	666	464	333	497	445		
Mean Cloud Amount (0.1)	1st	52	13	48	54	56	50	79	43	65	58	44	38		
	2nd	49	61	40	51	33	55	69	41	67	53	43	46		
	3rd	53	55	25	49	44	61	59	59	64	77	53	62		
First and Last of Seasonal Phenomena	Genesis	Max. Temp. 30				19					05			110(66)	
		Max. Temp. 25			01						15			198(133)	
		Mean Temp. 25						10			05			88(61)	
		Min. Temp. 25							24	23				31(20)	
	Continue	Max. Temp. 30								19	25				38
		Max. Temp. 25								17	27				42
		Mean Temp. 25								19	25				38
		Min. Temp. 25								18 - 21					4
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0							19 - 25						7(7)
		Mean Temp. < 0						17			01				76(37)
		Min. Temp. < 0				31					28				150(88)
Frost					31					27				149(37)	
Freezing					31					17				139(83)	
Snow						26				11				107(27)	
Continue	Snow Cover					26			29					96(19)	
	Max. Temp. < 0							19 - 25						7	
	Mean Temp. < 0							18 - 28						11	
	Min. Temp. < 0							04 - 28						25	
	Frost							31	04					5	
	Freezing							05 - 29						25	
Snow							23 - 26						4		
Snow Cover							23 - 26						4		

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	9940	9937	9917	9846	9834	9800	9807	9785	9856	9906	9934	9944	9876
		Mean Sea Level	10250	10244	10216	10135	10117	10078	10082	10059	10137	10195	10234	10249	10166
		Highest	10346	10363	10305	10246	10261	10153	10157	10128	10233	10324	10349	10353	10363
		Date	01	25	01	20	14	06	07	27	21	30	29	30	02/25
		Lowest	10099	10005	10099	9885	9916	9960	9993	9893	9975	10044	10115	10051	10085
		Date	18	13	18	17	03	24	13	31	01	05	05	22	04/17
(0.1)	Air Temp.	Mean	-23	4	62	134	180	217	246	255	200	142	60	15	124
		Mean Max.	18	54	125	199	250	271	295	317	247	189	116	61	179
		Mean Min.	-62	-41	-2	68	106	168	207	207	163	100	9	-30	74
		Highest	142	136	201	260	304	315	338	356	305	248	191	139	356
		Date	03	13	31	25	18	18	31	07	01	03	05	22	08/07
		Lowest	-168	-107	-79	18	66	87	174	144	88	7	-62	-89	-168
		Date	24	07	01	01	08	02	19	27	21	30	26	28	01/24
(0.1hPa)	Vapor Press.	Mean	32	36	49	82	108	175	237	225	191	129	66	46	115
		Highest	80	137	137	143	185	244	302	291	269	252	141	131	302
		Date	03	13	06	17	24	24	29	09	05	03	14	22	07/29
		Lowest	9	11	13	23	36	74	170	109	108	28	18	11	9
		Date	24	07	10	23	16	02	15	29	21	30	24	16	01/24
(0.1) Mean D.P.Temp.		-95	-87	-45	33	76	151	201	192	166	100	-5	-51	53	
Rel. Humid. (%)	Mean	60	54	52	57	56	69	78	71	82	78	67	65	66	
	Lowest	20	12	11	10	11	19	41	24	34	18	16	15	10	
	Date	12	07	17	10	18	02	09	24	01	30	16	01	04/10	
(0.1mm)	Precip.	00-24h Total	189	342	575	1558	601	455	3044	906	1872	1238	302	389	11471
		09-09h Total													
	Highest	1 Daily	86	95	329	389	226	194	1078	268	921	467	128	124	1078
		Date	29	28	05	07	10	24	06	26	17	05	18	26	07/06
	6 6 - Hour	Date	37	90	295	374	136	128	756	225	500	360	122	103	756
		Date	29	28	05	07	10	24	02	26	17	05	19	22	07/02
	1 60 - Minute	Date				99	37	84	295	201	122	90			295
		Date				07	10	11	02	08	10	05			07/02
	10 10 - Minute	Date				27	11	59	82	103	77	26			103
		Date				07	03	11	02	08	10	08			08/08
2 2 - Day	Date	126	134	497	517	266	142	1110	270	1071	371	150	152	1110	
	Date	28 - 29	12 - 13	04 - 05	06 - 07	10 - 11	11 - 12	05 - 06	26 - 27	17 - 18	07 - 08	18 - 19	21 - 22	07/05 - 07/06	
3 3 - Day	Date				170	169		95	2949	586	1124	302		170	
	Date				26 - 29	16 - 18		14 - 16	01 - 07	26 - 31	16 - 19	26 - 03		21 - 23	
														07/01 - 07/07	
(0.1mm)	Evapor.	Small													
		Total Highest Date													
		Large													
		Total Highest Date													
(0.1%)	Wind	Mean Speed	35	35	27	28	27	21	20	21	17	24	26	31	26
		Highest Speed	143	102	82	128	125	77	80	88	62	87	97	100	143
		Highest Dir.	W	W	W	W	W	W	S	NE	SSE	W	W	W	W
		Date	19	14	10	17	04	25	07	08	01	09	24	29	01/19
		Highest Gust Speed	221	176	127	224	240	149	123	179	109	142	147	168	240
		Highest Gust Dir.	W	W	W	WNW	WSW	WNW	SSE	WNW	ENE	WSW	W	W	WSW
		Date	19	14	29	17	04	25	07	31	19	09	24	29	05/04
		Resultant Speed	32	28	15	7	11	3	1	3	8	2	16	25	11
		Resultant Dir.	W	W	W	WSW	W	WSW	NW	N	E	NW	W	W	
Cloud Amount (0.1)		Mean													
		Mean Low Mid.													
Sunshine		Total(0.1hr)	1827	1877	2206	2087	2861	1995	1897	2489	1205	1298	1711	1639	23092
		Perc.(0.1%)	589	595	593	530	654	456	426	595	324	372	556	543	518
(0.01MJ/m) Total Horizontal Radiation			26679	33087	47880	50717	69028	56307	53769	58045	34010	29332	27111	23992	509957
Snow (0.1cm)	Highest	Snow Depth Date													
		Snowfall Date													
		Total													
Grass Min. Temp. (0.1)	Mean	-78	-56	-24	51	86	154	201	199	155	88	-11	-49	60	
	Lowest	-170	-129	-96	-7	36	59	165	134	70	-15	-82	-101	-170	
	Date	24	07	12	01	05	02	19	27	21	30	26	28	01/24	
(0.1)	Mean Soil Temp.	Surface	-15	8	74	143	211	263	281	300	221	161	68	19	145
		0.05m Underground													
		0.1m "													
		0.2m "													
		0.3m "													
		0.5m "													
		1.0m "													
		1.5m "													
3.0m "															
		5.0m "													
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	13	30	35	29	26	34	20	33	45	23	37	29	45	
		NE	21	26	40	52	60	37	65	58	37	71	21	28	71	
		ENE	15	35	44	49	58	63	54	55	50	58	49	25	63	
		E	19	39	48	67	51	52	57	49	55	55	51	41	67	
		ESE	28	31	45	60	67	48	51	44	39	48	41	23	67	
		SE	25	15	47	58	66	48	57	37	36	55	25	33	66	
		SSE	37	34	37	53	64	44	73	29	52	41	31	43	73	
		S	27	31	30	46	66	44	39	59	51	25	34	26	66	
		SSW	30	17	32	32	28	17	19	14	41	11	15	22	41	
		SW	40	30	42	40	36	32	45	38	29	31	22	30	45	
		WSW	66	78	71	68	68	51	47	73	47	57	68	79	79	
		W	135	97	78	124	116	67	61	79	45	74	95	98	135	
		WNW	58	65	55	56	69	54	36	51	28	51	70	65	70	
		NW	42	48	29	39	36	28	37	40	25	29	46	61	61	
	NNW	22	34	28	17	31	25	30	43	10	17	33	29	43		
	(0.1%)	N	15	17	20	18	26	18	24	27	14	18	17	16	27	
	Hourly Occurrence Percentage	CALM	81	39	75	93	105	125	117	103	161	98	156	98	104	
		NNE	11	24	36	42	54	50	67	87	78	52	38	34	48	
		NE	26	52	61	79	85	82	73	118	121	71	58	58	74	
		ENE	17	34	67	76	54	74	97	113	108	129	53	23	71	
		E	16	29	28	69	38	60	95	89	149	113	42	9	61	
		ESE	13	9	28	48	38	58	36	43	69	43	13	8	34	
		SE	21	13	34	68	36	71	36	38	51	32	17	27	37	
		SSE	24	33	44	51	55	68	55	30	63	36	42	47	46	
		S	5	13	20	31	36	24	16	16	36	22	28	12	22	
		SSW	8	3	11	17	16	11	9	4	8	7	15	9	10	
		SW	13	11	32	27	23	17	19	12	15	13	15	23	18	
		WSW	118	125	147	85	101	88	97	75	36	94	129	125	102	
W		507	440	271	207	218	167	155	105	40	159	288	361	243		
WNW		113	125	101	69	81	63	46	77	17	71	74	114	79		
NW	13	27	17	17	30	11	44	39	14	17	17	27	23			
NNW	3	13	9	11	20	17	20	20	13	15	6	16	14			
(0.1%)	N	9	10	17	10	11	15	17	31	21	27	13	9	16		
Number of Days With Classified	Daily Max. Temp.	0.0	7	3										1	11	
		0.1 ~ 10.0	22	21	9									12	27	
		10.1 ~ 20.0	2	5	21	15	3	1				3	19	18	3	90
		20.1 ~ 30.0			1	15	27	26	17	6	26	12				130
	Daily Mean Temp.	30.1					1	3	14	25	1				44	
		-5.0	7												7	
		-4.9 ~ 0.0	17	15	3								3	13	51	
		0.1 ~ 10.0	7	13	24	2						3	21	18	88	
	Daily Min. Temp.	10.1 ~ 20.0		1	4	27	27	4		5	14	27	6		115	
		20.1					4	26	31	26	16	1			104	
		-15.0	1												1	
		-14.9 ~ -5.0	19	14	4									1	10	
	Daily Precip.	-4.9 ~ 0.0	10	12	12									13	14	
		0.1 ~ 10.0	1	3	15	28	15	1			2	16	16	7	104	
		10.1				2	16	29	31	31	28	15			152	
		0.1mm	7	10	5	11	9	11	12	8	17	11	9	10	120	
	60 - Minute Max. Precip.	10.0mm			2	5	3	1	5	5	6	5	1	2	35	
		30.0mm			1	3			3		1	1			9	
		80.0mm							1		1				2	
		100.0mm							1						1	
	10 - Minute Max. Precip.	1.0mm				9	6	4	9	6	10	7			51	
		6.0mm				3		1	5	3	4	4			20	
		10.0mm							4	2	2				8	
		20.0mm							2	1					3	
Daily Max. New Snowfall	30.0mm							2	1					3		
	0.1mm				12	9	11	12	8	17	11			80		
	1.0mm				5	2	4	8	5	5	5			34		
	5.0mm						1	3	2	1				7		
Daily Max. Snow Depth	10.0mm								1					1		
	0.1cm															
	5.0cm															
	10.0cm															
Daily Min. Rel. Humid.	30.0cm															
	0.1cm															
	5.0cm															
	10.0cm															
Daily Max. Wind speed	20.0cm															
	30.0cm															
	20%	1	6	11	14	10	1				1	2	3	49		
	21 ~ 30%	7	12	12	6	7	4			3		2	8	9	70	
Daily Max. Wind speed	31 ~ 40%	11	5	2	4	7	8			9	2	3	7	4	62	
	41 ~ 50%	9	2	3	2	4	8	11	13	7	7	4	5	75		
	51 ~ 70%	2	3	2	3	3	7	16	5	13	12	6	7	79		
	71%	1	1	1	1		2	4	1	8	6	3	3	31		
Daily Max. Wind speed	0.5 ~ 3.3%			1	1		1		1	3	2	1	1	11		
	3.4 ~ 7.9%	24	20	29	25	26	29	30	27	27	28	27	22	314		
	8.0 ~ 13.8%	6	9	1	4	5		1	3		1	2	8	40		
	13.9%	1												1		

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Number of Days With Phenomena	Snow															
	Sleet															
	Snow Pellet															
	Hail															
	Fog															
	Frost															
	Freezing															
	Haze															
	Yellow Sand															
	Thunder Storm															
Sunshine (0%)	3	3	4	3	2	2	3	1	7	5	2	2	37			
< 20%	4	8	5	7	4	7	10	4	12	12	6	8	87			
80%	9	13	10	8	14	5	3	6	0	5	9	8	90			
Cloud Amount	2.4															
2.5 ~ 5.4																
5.5 ~ 7.4																
7.5																
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10247	10247	10232	10147	10095	10106	10092	10089	10085	10164	10237	10235		
		2nd	10219	10204	10211	10140	10155	10055	10057	10052	10154	10214	10206	10257		
		3rd	10282	10285	10206	10119	10104	10073	10095	10038	10173	10206	10259	10255		
	Mean Temp. (0.1)	1st	13	-15	46	131	170	202	237	265	223	167	70	26		
		2nd	-36	25	55	125	173	224	235	277	195	146	89	16		
		3rd	-44	1	83	145	195	225	265	226	184	115	21	4		
	Mean Max.Temp. (0.1)	1st	57	37	102	203	236	260	285	330	274	207	129	78		
		2nd	9	76	117	179	250	280	277	341	237	208	150	63		
		3rd	-8	50	154	214	261	273	321	283	231	155	68	43		
	Mean Min.Temp. (0.1)	1st	-31	-70	-9	58	99	146	200	217	181	132	15	-27		
		2nd	-73	-17	-6	67	94	178	200	225	161	95	28	-30		
		3rd	-81	-35	8	79	124	181	219	181	147	76	-17	-32		
	Mean D.P.Temp. (0.1)	1st	-71	-127	-39	21	63	123	199	215	182	132	4	-56		
		2nd	-104	-49	-50	38	69	165	191	202	163	102	28	-51		
		3rd	-109	-87	-46	41	93	166	212	160	153	68	-46	-46		
	Mean Vapor Press (0.1hPa)	1st	38	24	54	75	101	145	233	257	210	158	69	43		
		2nd	30	50	48	84	103	188	222	239	188	126	80	46		
		3rd	30	35	45	86	120	191	253	184	177	104	48	48		
	Mean Rel. Humid. (%)	1st	56	44	58	55	56	64	82	76	80	81	66	58		
		2nd	61	61	53	60	57	72	78	67	83	78	70	64		
3rd		62	56	45	57	56	71	75	69	84	75	64	71			
Mean Wind Speed (0.1m/s)	1st	34	37	29	26	34	20	19	16	19	28	28	32			
	2nd	37	35	25	33	24	19	24	18	17	17	22	28			
	3rd	35	32	26	26	23	24	18	28	16	28	29	33			
Total Precip. (0.1mm)	1st			497	616	348	6	2949	320	437	859	75	47			
	2nd	59	170	74	270	144	245	70	0	1154	155	152	35			
	3rd	130	172	4	672	109	204	25	586	281	224	75	307			
Total Evaporation (0.1mm)	1st															
	2nd															
	3rd															
Total Sunshine (0.1hr)	1st	696	941	605	702	723	711	490	833	469	391	635	615			
	2nd	560	440	667	694	1065	718	456	976	394	600	571	592			
	3rd	571	496	934	691	1073	566	951	680	342	307	505	432			
Mean Cloud Amount (0.1)	1st															
	2nd															
	3rd															
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 0					18				01			107(45)		
		Max. Temp. < 25				02					27			179(118)		
		Mean Temp. < 25						23			25			64(39)		
		Min. Temp. < 25												(0)		
	Continue	Max. Temp. < 30							23	25				34		
		Max. Temp. < 25							17	27				42		
		Mean Temp. < 25							23	25				34		
		Min. Temp. < 25														
	'15.7-'16.6 Low Temp. Phenomena		'15	7	8	9	10	11	12	'16	1	2	3	4	5	6
	Genesis	Max. Temp. < 0							17		29				75(12)	
		Mean Temp. < 0						26				11			107(50)	
		Min. Temp. < 0				31						28			150(98)	
Frost																
Continue	Freezing															
	Snow															
	Snow Cover															
	Max. Temp. < 0							19	25					7		
Mean Temp. < 0							11	28					18			
Min. Temp. < 0							05	11					38			
Frost																
Freezing																
Snow																
Snow Cover																

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10065	10061	10040	9970	9952	9917	9924	9901	9976	10028	10057	10067	9997
		Mean Sea Level	10243	10238	10212	10136	10115	10076	10082	10058	10138	10194	10230	10243	10164
		Highest	10345	10360	10298	10244	10268	10154	10155	10131	10232	10315	10348	10350	10360
		Date	01	25	01	20	14	06	07	27	21	30	29	30	02/25
		Lowest	10082	9992	10098	9865	9902	9945	9985	9871	9974	10039	10116	10053	9865
		Date	18	14	18	17	03	24	13	31	01	05	05	22	04/17
(0.1)	Air Temp.	Mean	-23	8	71	140	190	232	254	267	210	150	67	17	132
		Mean Max.	32	69	139	209	264	288	305	334	257	203	126	74	192
		Mean Min.	-75	-48	7	76	114	179	214	218	174	115	15	-36	79
		Highest	130	181	216	273	311	331	356	378	311	278	202	133	378
		Date	03	13	30	26	18	18	31	12	01	03	14	05	08/12
		Lowest	-157	-130	-82	18	55	107	181	130	96	31	-63	-100	-157
		Date	24	03	01	01	17	02	21	27	21	30	25	30	01/24
(0.1hPa)	Vapor Press.	Mean	29	35	52	86	112	175	245	231	195	133	70	48	118
		Highest	69	151	137	157	212	252	332	306	269	266	143	137	332
		Date	03	13	06	17	24	11	24	06	05	03	14	22	07/24
		Lowest	6	11	16	33	39	21	166	121	44	38	16	11	6
		Date	24	07	10	05	05	12	09	27	20	30	24	16	01/24
(0.1) Mean D.P.Temp.		-112	-90	-34	41	80	151	207	195	168	105	5	-45	56	
Rel. Humid. (%)	Mean	54	52	53	58	55	64	77	68	79	77	69	67	64	
	Lowest	14	10	11	13	9	21	29	24	17	20	18	15	9	
	Date	11	10	17	25	19	02	09	25	20	24	15	16	05/19	
(0.1mm)	Precip.	00-24h Total	68	328	458	1263	514	434	2745	380	1668	838	166	482	9344
		09-09h Total	68	328	458	1263	514	434	2710	380	1668	838	166	482	9309
	Highest	1 Daily	38	234	342	308	157	231	786	201	848	329	74	173	848
		Date	29	12	05	21	10	24	04	28	17	05	18	21	09/17
	6 6 - Hour	Date	23	128	294	262	122	208	706	123	510	247	92	173	706
		Date	30	12	06	21	24	24	02	28	17	05	19	22	07/02
	1 60 - Minute	Date				62	30	111	290	59	119	86			290
		Date				21	24	15	02	26	17	05			07/02
	10 10 - Minute	Date				34	25	73	95	23	42	25			95
		Date				17	03	15	04	26	17	08			07/04
2 2 - Day	Date	51	278	390	281	202		1078	231	878	256	129	273	1078	
	Date	28 - 29	12 - 13	04 - 05	06 - 07	10 - 11		04 - 05	28 - 29	17 - 18	07 - 08	18 - 19	21 - 22	07/04 - 07/05	
3 3 - Day	Date			50	398	146		2528		885				2528	
	Date		26 - 28	04 - 06	16 - 18			01 - 07		16 - 18				07/01 - 07/07	
(0.1mm)	Evapor.	Total	547	636	1042	1399	1981	1846							
		Highest	27	39	61	86	112	94							
	Small	Date	18	23	30	02	04	05							
		Total				970	1370	1192							
Large	Highest				60	78	67								
	Date				02	04	05								
(0.1%)	Wind	Mean Speed	20	21	16	20	20	18	15	18	12	12	13	15	17
		Highest Speed	94	77	64	95	106	68	53	71	55	62	66	75	106
		Highest Dir.	WNW	WNW	SE	WNW	WNW	WNW	ESE	WNW	SE	ESE	W	WNW	WNW
		Date	19	23	19	17	04	25	19	31	10	20	11	01	05/04
		Highest Gust Speed	163	137	106	179	189	120	91	148	96	103	116	135	189
		Highest Gust Dir.	W	WSW	W	WNW	WNW	W	W	NNW	E	ESE	SE	W	WNW
		Date	19	09	10	17	04	25	27	31	20	20	06	01	05/04
		Resultant Speed	18	17	5	4	6	4	1	3	5	1	8	12	5
		Resultant Dir.	WNW	WNW	W	WSW	WSW	S	S	SSE	ESE	E	WNW	WNW	W
		Cloud Amount (0.1)	Mean	37	39	45	54	44	60	72	45	75	69	45	44
	Mean Low Mid.	20	25	25	28	22	34	43	31	50	42	31	30	32	
Sunshine	Total(0.1hr)	2210	2189	2351	2400	3135	2539	2297	2893	1077	1385	1775	1875	26126	
	Perc.(0.1%)	715	695	632	608	715	578	515	690	289	397	578	622	585	
(0.01MJ/m) Total Horizontal Radiation		28603	34658	47889	52414	68814	60108	53564	60940	31386	29715	26298	24249	518638	
Snow (0.1cm)	Highest	Snow Depth	27	12									7	13	27
		Date	29	26									26	15	01/29
		Snowfall	16	12									7	13	16
		Date	28	26									26	14	01/28
		Total	29	12									7	17	65
Grass Min. Temp. (0.1)	Mean	-110	-78	-22	51	87	159	201	204	160	92	-15	-65	55	
	Lowest	-194	-151	-111	-17	33	75	164	121	74	3	-89	-124	-194	
	Date	25	03	01	01	17	02	21	27	21	30	29	30	01/25	
(0.1)	Mean Soil Temp.	Surface	-32	9	96	161	231	285	301	344	229	166	68	9	156
		0.05m Underground													
		0.1m "													
		0.2m "													
		0.3m "													
		0.5m "													
		1.0m "													
		1.5m "													
3.0m "															
5.0m "															
(0.01hr) Dur. of Precip.		4192	5417	3491	10199	5500	3057	10661	4974	10481	8806	3395	7539	77712	
(0.01hr) Dur. of Fog		897	358	441	483	167	50	83	550	1808	6026	3550	3699	18112	

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2016

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	8	12	19	17	16	17	13	15	13	17	7	13	19	
		NE	5		16	14	12	12	22	15	19	17	10	5	22	
		ENE		6	22	24	16	20	29	24	23	22	9	6	29	
		E	6	10	26	25	35	29	31	27	36	31	21	9	36	
		ESE	14	15	53	58	51	52	45	56	45	52	37	10	58	
		SE	15	17	53	60	53	56	51	54	51	40	27	22	60	
		SSE	14	26	31	38	50	37	33	41	28	25	21	19	50	
		S	19	15	30	19	33	35	24	24	33	15	14	10	35	
		SSW	11	10	23	25	37	25	35	22	32	14	13	12	37	
		SW	12	29	28	24	36	26	27	27	29	15	17	16	36	
		WSW	33	36	46	35	39	34	32	28	20	23	29	26	46	
		W	63	67	51	83	86	51	41	57	24	42	50	54	86	
		WNW	88	69	47	82	98	67	41	51	20	38	54	72	98	
		NW	58	54	35	35	48	45	37	40	20	26	48	42	58	
		NNW	18	15	24	18	20	23	23	25	26	14	16	17	26	
	N	9	17	8	15	12	15	24	22	14	11	34	11	34		
	(0.1%)	Hourly Occurrence Percentage	CALM	158	132	136	106	75	79	102	63	147	185	211	262	138
			NNE	1	6	4	8	5	6	7	13	14	26	4	1	8
			NE	1		9	6	8	10	28	11	36	34	4	1	12
			ENE		1	12	19	11	22	32	35	36	30	6	3	17
			E	1	3	35	18	24	43	58	74	82	44	11	1	33
			ESE	11	20	86	121	98	139	113	145	158	118	44	11	89
			SE	71	78	121	168	161	161	142	137	131	109	74	66	118
			SSE	23	23	46	61	77	72	60	71	75	31	36	20	50
			S	7	10	16	15	43	38	19	24	36	13	11	7	20
			SSW	4	4	15	15	30	31	20	9	10	11	11	8	14
			SW	7	17	31	19	23	33	26	19	15	13	19	15	20
WSW			16	34	43	44	31	40	27	24	24	34	35	24	31	
W			128	152	132	117	133	83	77	74	25	54	96	77	95	
WNW			374	348	142	146	161	154	142	122	64	118	208	297	190	
NW			153	128	130	89	91	51	91	108	72	105	164	158	112	
NNW	38	30	34	32	23	29	38	39	42	56	47	44	38			
N	7	13	8	15	5	8	17	31	33	19	18	5	15			
Number of Days With Classified	Daily Max. Temp.	0.0	6	1											7	
		0.1 ~ 10.0	23	23	6						1	8	21	82		
		10.1 ~ 20.0	2	5	22	11	2				1	12	21	10	86	
		20.1 ~ 30.0			3	19	26	21	13	6	27	18	1		134	
		30.1					3	9	18	25	2				57	
	Daily Mean Temp.	-5.0	7												7	
		-4.9 ~ 0.0	17	13	1								2	8	41	
		0.1 ~ 10.0	7	15	22	1					2	19	23	89		
		10.1 ~ 20.0		1	8	29	22	1		5	11	26	9		112	
		20.1					9	29	31	26	19	3			117	
	Daily Min. Temp.	-15.0	3												3	
		-14.9 ~ -5.0	17	15	4								3	13	52	
		-4.9 ~ 0.0	11	11	9								8	14	53	
		0.1 ~ 10.0		3	18	27	8				1	10	19	4	90	
		10.1				3	23	30	31	31	29	21	19	4	168	
	Daily Precip.	0.1mm	3	5	4	12	6	8	14	7	12	7	5	8	91	
		10.0mm		1	1	4	2	2	7	2	4	3		3	29	
		30.0mm			1	1			2		2	1			7	
		80.0mm									1				1	
		100.0mm														
	60 - Minute Max. Precip.	1.0mm				10	6	4	10	3	8	6			47	
		6.0mm				1		2	6		4	2			15	
		10.0mm						1	5		1				7	
		20.0mm							2						2	
		30.0mm														
	10 - Minute Max. Precip.	0.1mm				12	6	8	14	7	12	7			66	
		1.0mm				5	1	3	9	2	4	5			29	
		5.0mm						1	4						5	
		10.0mm														
	Daily Max. New Snowfall	0.1cm	2	1									1	1	5	
		5.0cm														
10.0cm																
20.0cm																
30.0cm																
Daily Max. Snow Depth	0.1cm	2	1									2	2	7		
	5.0cm															
	10.0cm															
	20.0cm															
	30.0cm															
Daily Min. Rel. Humid.	20%	5	12	12	12	14				1	1	3	6	66		
	21 ~ 30%	12	8	13	6	8	8	1	6	1	5	7	3	78		
	31 ~ 40%	10	3	3	7	4	8	2	14	3	5	8	5	72		
	41 ~ 50%	1	3	2	1	3	10	11	8	7	7	3	7	63		
	51 ~ 70%	2	3		4	2	4	14	3	12	10	7	7	68		
Daily Max. Wind speed	71%	1		1				3		6	3	2	3	19		
	0.5 ~ 3.3%	5	6	6	3	7	8	11	4	15	18	12	14	109		
	3.4 ~ 7.9%	24	23	25	26	22	22	20	27	15	13	18	17	252		
	8.0 ~ 13.8%				1	2								5		
	13.9%	2														

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Number of Days With Phenomena	Snow	6	7									1	2	16		
	Sleet	2	2										3	7		
	Snow Pellet	1	1											2		
	Hail															
	Fog	5	2	4	1	1	2	2	2	6	14	7	7	53		
	Frost	21	15	13								9	23	81		
	Freezing	31	26	14								13	25	109		
	Haze	11	5	6	4	4	4	1	4	1	6	12	9	67		
	Yellow Sand				3	1								4		
	Thunder Storm						2	2						4		
	Sunshine (0%)	1	1	0	0	0	0	0	0	4	3	1	1	11		
	< 20%	4	2	4	4	1	5	4	1	11	9	6	6	57		
	80%	15	14	13	11	16	8	3	13	2	2	13	12	122		
	Cloud Amount	12	12	9	4	7	3			7		3	12	11	80	
	2.5 ~ 5.4	13	7	11	11	14	7	8	13	4	4	5	9	106		
5.5 ~ 7.4	2	4	4	5	6	10	8	5	9	10	4	5	72			
7.5	4	6	7	10	4	10	15	6	17	14	9	6	108			
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10241	10239	10227	10146	10092	10105	10091	10089	10086	10163	10232	10229		
		2nd	10212	10201	10207	10145	10153	10053	10058	10051	10154	10213	10204	10252		
		3rd	10273	10277	10202	10117	10100	10071	10095	10036	10173	10205	10253	10248		
	Mean Temp. (0.1)	1st	6	-14	58	136	181	217	249	281	228	178	77	20		
		2nd	-34	27	62	130	181	240	242	293	208	150	95	17		
		3rd	-38	13	91	153	205	240	270	231	194	125	30	15		
	Mean Max.Temp. (0.1)	1st	66	55	119	210	248	274	300	348	277	231	141	84		
		2nd	22	86	130	191	264	295	289	364	250	219	160	78		
		3rd	10	66	166	227	280	294	325	295	243	163	77	61		
	Mean Min.Temp. (0.1)	1st	-45	-85	1	66	112	159	211	235	193	145	21	-40		
		2nd	-89	-26	-3	78	101	189	207	239	174	108	37	-37		
		3rd	-90	-32	21	85	128	190	223	183	156	93	-12	-32		
	Mean D.P.Temp. (0.1)	1st	-83	-134	-36	36	69	125	208	219	188	139	14	-55		
		2nd	-124	-47	-41	39	69	165	194	206	164	115	40	-42		
		3rd	-126	-89	-27	48	99	163	217	164	152	64	-37	-39		
	Mean Vapor Press (0.1hPa)	1st	35	22	55	83	105	149	246	263	218	165	72	43		
		2nd	26	50	50	85	103	190	226	244	192	137	86	49		
		3rd	28	34	52	89	126	186	262	189	177	99	51	51		
	Mean Rel. Humid. (%)	1st	54	43	55	58	53	60	80	72	81	80	67	62		
		2nd	54	61	53	59	55	66	76	62	79	83	73	69		
		3rd	55	50	49	56	56	64	75	70	79	70	66	70		
	Mean Wind Speed (0.1m/s)	1st	19	19	18	19	24	17	15	14	13	13	15	15		
		2nd	23	21	15	22	19	17	17	19	12	9	11	12		
		3rd	19	22	17	18	16	19	14	20	12	13	14	19		
Total Precip. (0.1mm)	1st			398	399	242	35	2528	20	581	585	6	14			
	2nd	17	278	60	320	147	167	167	2	944	53	129	37			
	3rd	51	50	0	544	125	232	50	358	143	200	31	431			
Total Evaporation (0.1mm)	1st	194	236	274	479	606	629									
	2nd	174	192	303	406	650	623									
	3rd	179	208	465	514	725	594									
Total Sunshine (0.1hr)	1st	773	959	655	769	837	844	644	950	272	508	675	647			
	2nd	761	583	735	791	1131	877	695	1112	407	510	639	606			
	3rd	676	647	961	840	1167	818	958	831	398	367	461	622			
Mean Cloud Amount (0.1)	1st	32	10	48	54	56	54	84	41	78	64	38	32			
	2nd	31	55	43	55	31	60	71	32	76	68	41	47			
	3rd	46	52	43	52	45	66	62	60	73	74	56	52			
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 0					18				07			113(61)		
		Max. Temp. < 25				22					06			168(133)		
		Mean Temp. < 25						10						77(47)		
		Min. Temp. < 25												1(1)		
	Continue	Max. Temp. < 30								26	25				31	
		Max. Temp. < 25								17	27				42	
		Mean Temp. < 25								24	25				33	
		Min. Temp. < 25									16 - 16				1	
	'15.7 - '16.6 Low Temp. Phenomena		'15	7	8	9	10	11	12	'16	1	2	3	4	5	6
	Genesis	Max. Temp. < 0								19	15					28(7)
		Mean Temp. < 0						27				01				96(47)
		Min. Temp. < 0				31						28				150(100)
Frost					28						28				153(78)	
Freezing					31						28				150(100)	
Snow						26					29				96(19)	
Continue	Max. Temp. < 0							03		26					86(10)	
	Mean Temp. < 0								23 - 25						3	
	Min. Temp. < 0								11 - 26						16	
	Frost							25							49	
	Freezing							25			02 - 11				10	
	Snow										14 - 16				3	
Snow Cover								28 - 29						2		

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10125	10121	10095	10022	10004	9967	9973	9950	10026	10080	10114	10126	10050
		Mean Sea Level	10248	10242	10213	10136	10116	10076	10081	10058	10137	10194	10232	10247	10165
		Highest	10341	10361	10303	10243	10264	10154	10152	10131	10232	10319	10346	10350	10361
		Date	01	25	01	19	14	06	07	27	21	30	29	30	02/25
		Lowest	10093	9999	10100	9878	9909	9956	9992	9887	9974	10048	10118	10053	9878
		Date	18	13	18	17	03	24	13	31	01	05	22	04/17	
(0.1)	Air Temp.	Mean	- 9	16	80	147	198	237	259	271	213	153	71	25	138
		Mean Max.	32	69	142	218	273	295	312	336	264	208	128	73	196
		Mean Min.	- 48	- 28	21	84	127	188	220	223	178	115	21	- 17	90
		Highest	140	142	224	295	321	338	359	372	319	288	209	144	372
		Date	03	14	30	26	18	23	31	08	04	03	05	22	08/08
		Lowest	- 151	- 69	- 64	35	84	113	193	156	104	36	- 48	- 64	- 151
		Date	24	02	01	01	08	02	19	27	21	31	26	16	01/24
(0.1hPa)	Vapor Press.	Mean	32	36	50	87	115	181	250	237	202	135	67	45	120
		Highest	76	148	134	160	202	253	336	309	288	252	147	139	336
		Date	03	13	06	17	24	30	05	09	06	03	14	22	07/05
		Lowest	6	11	14	28	37	82	189	119	116	34	17	11	6
		Date	23	07	10	05	16	02	15	29	20	30	24	16	01/23
(0.1) Mean D.P.Temp.		- 100	- 87	- 38	43	85	157	210	200	175	108	- 2	- 52	58	
Rel. Humid. (%)	Mean	53	50	48	56	53	64	76	68	81	77	64	60	63	
	Lowest	16	13	10	9	10	18	37	28	34	19	15	15	9	
	Date	23	07	28	01	18	02	09	25	20	30	16	16	04/01	
(0.1mm)	Precip.	00~24h Total	117	366	563	1644	528	470	3136	1163	1620	1062	229	464	11362
		09~09h Total													
	Highest	1 Daily	71	191	367	417	223	294	891	469	916	371	110	220	916
		Date	29	12	05	21	10	24	04	08	17	05	18	21	09/17
	6	6 - Hour	36	99	327	350	130	232	509	469	485	290	104	202	509
		Date	29	12	06	21	10	24	02	08	17	05	19	22	07/02
	1	60 - Minute				75	38	98	286	469	111	86			469
		Date				21	11	24	05	08	17	08			08/08
	10	10 - Minute				22	12	40	107	162	52	30			162
		Date				21	03	11	06	08	05	08			08/08
2	2 - Day	81	240	459	348	271	14	1281	171	985	347	137	272	1281	
	Date	28 - 29	12 - 13	04 - 05	06 - 07	10 - 11	20 - 21	04 - 05	30 - 31	17 - 18	07 - 08	18 - 19	21 - 22	07/04 - 07/05	
3	3 - Day	82	251	461	307	108		2876	305	1012	214			2876	
	Date	28 - 30	12 - 16	04 - 06	27 - 29	02 - 06		01 - 07	28 - 31	16 - 18	26 - 03			07/01 - 07/07	
(0.1mm)	Evapor.	Small	Total												
			Highest												
	Large	Total													
		Highest													
(0.1%)	Wind	Mean Speed	24	24	19	17	16	12	10	11	7	10	14	19	15
		Highest Speed	92	79	58	94	77	51	45	60	36	43	62	78	94
		Highest Dir.	W	W	W	W	W	W	SW	WSW	W	SW	W	W	W
		Date	19	29	23	17	04	25	07	31	05	30	22	01	04/17
		Highest Gust Speed	163	139	109	182	182	97	99	127	77	88	96	142	182
		Highest Gust Dir.	WNW	W	WNW	WSW	WSW	W	SW	W	NNE	WNW	NNW	W	WSW
		Date	19	29	01	17	03	25	07	31	29	08	02	15	05/03
		Resultant Speed	21	20	10	6	8	5	3	3	1	2	10	15	8
	Resultant Dir.	W	W	W	W	WSW	SW	W	W	NNE	W	W	W	W	
Cloud Amount (0.1)		Mean													
		Mean Low Mid.													
Sunshine		Total(0.1hr)	1850	1787	2114	2090	2808	2042	1656	2496	1132	1144	1592	1496	22207
		Perc.(0.1%)	597	567	569	530	642	466	372	596	304	328	518	496	498
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
		Date													
		Total													
(0.1)	Grass Min. Temp.	Mean	- 71	- 51	0	69	107	170	212	215	173	99	- 6	- 44	73
		Lowest	- 164	- 91	- 80	0	59	86	182	158	86	4	- 78	- 89	- 164
		Date	24	08	01	01	08	02	19	30	21	30	26	28	01/24
(0.1)	Mean Soil Temp.	Surface	- 9	21	92	161	243	307	293	324	240	176	82	26	163
		0.05m													
		0.1m													
		0.2m													
		0.3m													
		0.5m													
		1.0m													
		1.5m													
3.0m															
	5.0m														
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	14	23	36	25	20	19	28	21	20	37	19	15	37	
		NE	15	20	26	36	20	20	17	14	21	22	15	13	36	
		ENE	15	16	24	20	24	19	18	29	22	12	16	16	29	
		E	9	15	31	27	25	21	15	17	17	20	16	15	31	
		ESE	10	19	34	43	31	23	23	16	13	22	11	10	43	
		SE	10	13	29	56	37	28	27	21	15	23	17	20	56	
		SSE	14	19	21	23	38	19	16	21	20	17	14	16	38	
		S	19	20	32	26	21	20	16	18	19	15	20	18	32	
		SSW	37	27	37	21	33	21	30	24	24	29	26	30	37	
		SW	34	40	43	36	39	30	29	34	30	43	36	44	44	
		WSW	53	49	47	66	56	44	27	50	27	38	45	49	66	
		W	76	71	55	76	65	41	26	39	17	34	55	70	76	
		WNW	76	73	47	65	61	29	25	22	14	25	38	57	76	
		NW	27	43	44	26	23	13	25	33	12	11	33	37	44	
	NNW	27	17	27	19	17	16	19	31	16	19	33	20	33		
	(0.1%)	N	9	25	28	27	30	14	18	30	17	19	14	17	30	
	Hourly Occurrence Percentage	CALM	111	92	77	104	79	142	191	180	313	251	203	181	160	
		NNE	13	19	42	64	27	25	55	55	64	66	46	13	41	
		NE	20	23	46	72	39	38	72	60	96	70	38	32	50	
		ENE	17	13	38	53	35	35	37	54	57	34	25	30	36	
		E	8	20	40	50	28	39	23	43	51	66	18	12	33	
		ESE	4	9	30	46	31	36	38	47	29	27	10	13	27	
		SE	3	10	26	36	39	68	39	34	25	16	22	13	28	
		SSE	16	10	27	31	50	36	31	34	32	16	24	20	27	
		S	34	19	30	35	48	57	39	38	33	27	35	30	35	
		SSW	40	43	42	24	46	81	57	35	29	42	43	34	43	
		SW	75	80	93	56	93	124	84	75	65	67	57	67	78	
WSW		217	184	134	85	149	133	107	103	31	97	168	185	133		
W		322	313	179	183	166	81	88	56	29	69	185	272	162		
WNW	86	108	93	60	100	60	77	79	65	44	44	51	72			
NW	12	19	59	40	30	22	30	47	39	26	26	13	30			
NNW	15	11	15	22	11	8	8	27	19	35	26	11	17			
(0.1%)	N	5	27	32	40	30	17	24	32	22	48	31	21	28		
Number of Days With Classified	Daily Max. Temp.	0.0	6	1											7	
		0.1 ~ 10.0	22	21	6								8	23	80	
		10.1 ~ 20.0	3	7	21	10	1					2	14	20	8	86
		20.1 ~ 30.0			4	20	25	15	10	6	25	17	2			124
	Daily Mean Temp.	30.1					5	15	21	25	3				69	
		-5.0	5												5	
		-4.9 ~ 0.0	14	9	1								1	8	33	
		0.1 ~ 10.0	12	20	21						2	11	2	22	100	
	Daily Min. Temp.	10.1 ~ 20.0			9	30	15	1		2	11	26	7		101	
		20.1					16	29	31	29	19	3			127	
		-15.0	1												1	
		-14.9 ~ -5.0	12	8	1										25	
	Daily Precip.	-4.9 ~ 0.0	15	17	9								11	18	70	
		0.1 ~ 10.0	3	4	21	24	4					11	19	9	95	
		10.1														
		0.1mm	6	9	5	13	10	6	12	7	17	11	9	8	113	
	60 - Minute Max. Precip.	10.0mm		1	1	6	2	1	7	5	3	5	1	2	34	
		30.0mm			1	1			5	1	1	1			10	
		80.0mm				1			1		1				2	
		100.0mm														
10 - Minute Max. Precip.	1.0mm				10	6	4	9	5	11	6			51		
	6.0mm				2		1	6	3	3	3			18		
	10.0mm							4	2	1				7		
	20.0mm							3	1					4		
Daily Max. New Snowfall	30.0mm							1						1		
	10.0mm				13	10	6	12	7	17	11			76		
	5.0mm				6	1	3	8	4	4	5			31		
	10.0mm							4	1	1				6		
Daily Max. Snow Depth	2							2	1					3		
	0.1cm															
	5.0cm															
	10.0cm															
Daily Min. Rel. Humid.	30.0cm															
	20%	3	10	15	14	10	2				1	1	4	60		
	21 ~ 30%	8	11	8	7	11	6		1		3	9	8	72		
	31 ~ 40%	13	2	6	4	6	7	1	15	6	3	7	4	74		
Daily Max. Wind speed	41 ~ 50%	4	4	1	1	2	9	11	11	4	8	3	5	63		
	51 ~ 70%	2	1		4	2	6	17	4	15	12	8	6	77		
	71%	1	1	1				2		5	4	2	4	20		
	0.5 ~ 3.3%	7	3	9	11	16	22	26	24	29	25	13	9	194		
Daily Max. Wind speed	3.4 ~ 7.9%	23	26	22	18	15	8	5	7	1	6	17	22	170		
	8.0 ~ 13.8%	1			1									2		
	13.9%															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow														
	Sleet														
	Snow Pellet														
	Hail														
	Fog														
	Frost														
	Freezing														
	Haze														
	Yellow Sand														
	Thunder Storm														
Sunshine (0%)	2	3	2	2	2	2	2	4	1	7	6	4	5	40	
< 20%	4	7	5	7	3	8	10	4	14	13	7	9	9	91	
80%	10	12	9	9	11	3	0	5	0	2	9	10	10	80	
Cloud Amount															
2.4															
2.5 ~ 5.4															
5.5 ~ 7.4															
7.5															
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10244	10243	10230	10146	10094	10105	10091	10089	10085	10164	10235	10232	
		2nd	10217	10204	10208	10146	10153	10053	10057	10051	10154	10212	10205	10255	
		3rd	10279	10282	10203	10118	10101	10072	10095	10037	10172	10205	10257	10252	
	Mean Temp. (0.1)	1st	27	2	59	147	185	223	250	282	233	180	82	35	
		2nd	-23	30	75	133	192	245	247	296	209	156	99	25	
		3rd	-30	18	105	161	216	245	278	239	197	126	32	17	
	Mean Max.Temp. (0.1)	1st	70	57	114	223	256	284	301	350	289	235	143	91	
		2nd	22	86	136	196	276	304	297	360	257	224	164	73	
		3rd	8	64	173	236	284	296	336	301	246	170	76	56	
	Mean Min.Temp. (0.1)	1st	-16	-48	8	78	119	165	214	234	196	145	30	-17	
		2nd	-61	-16	12	79	112	199	213	246	178	110	40	-17	
		3rd	-65	-21	41	95	150	199	233	194	161	91	-6	-17	
	Mean D.P.Temp. (0.1)	1st	-72	-129	-38	32	70	129	209	224	193	137	10	-60	
		2nd	-109	-47	-43	44	78	168	200	211	172	112	31	-50	
		3rd	-115	-85	-34	54	104	174	220	167	160	79	-47	-46	
	Mean Vapor Press (0.1hPa)	1st	38	24	53	80	106	152	248	271	224	163	71	41	
		2nd	29	49	50	87	109	193	236	251	198	134	82	47	
		3rd	29	35	49	94	128	199	266	193	184	111	48	47	
	Mean Rel. Humid. (%)	1st	50	39	54	53	53	59	80	73	80	78	64	53	
		2nd	54	60	48	59	53	66	77	62	81	78	67	61	
3rd		55	50	42	55	53	66	72	67	81	75	61	65		
Mean Wind Speed (0.1m/s)	1st	23	28	19	18	20	10	10	8	8	11	14	20		
	2nd	25	21	18	19	15	13	11	11	7	8	12	17		
	3rd	23	24	19	15	15	13	9	13	6	10	17	20		
Total Precip. (0.1mm)	1st			461	529	331	23	2876	626	373	727	43	29		
	2nd	35	251	91	391	88	150	254		1042	90	139	33		
	3rd	82	115	11	724	109	297	6	537	205	245	47	402		
Total Evaporation (0.1mm)	1st														
	2nd														
	3rd														
Total Sunshine (0.1hr)	1st	693	865	569	714	729	715	419	821	427	383	589	579		
	2nd	597	429	632	659	1031	708	382	1030	334	527	583	499		
	3rd	560	493	913	717	1048	619	855	645	371	234	420	418		
Mean Cloud Amount (0.1)	1st														
	2nd														
	3rd														
First and Last of Seasonal Phenomena	Genesis	Max. Temp. 30					01				05				128(71)
		Max. Temp. 25				01						06			189(139)
		Mean Temp. 25						11				04			86(52)
		Min. Temp. 25								25	23				30(7)
	Continue	Max. Temp. 30								22	25				35
		Max. Temp. 25								17	27				42
		Mean Temp. 25								22	25				35
		Min. Temp. 25									14 - 16				3
	'15.7-'16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0								19 - 25					7(6)
Mean Temp. < 0								17			01			76(35)	
Min. Temp. < 0					31						17			139(88)	
Frost															
Continue	Freezing														
	Snow														
	Snow Cover														
	Max. Temp. < 0								23 - 25					3	
	Mean Temp. < 0								18 - 26					9	
	Min. Temp. < 0								05 - 29					25	

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10227	10226	10207	10136	10114	10079	10084	10058	10136	10187	10217	10227	10158
		Mean Sea Level	10230	10229	10210	10139	10117	10082	10087	10061	10139	10190	10220	10230	10161
		Highest	10323	10347	10297	10247	10268	10158	10187	10120	10221	10301	10335	10328	10347
		Date	01	25	04	19	14	05	06	26	21	30	29	30	02/25
		Lowest	10066	9991	10089	9859	9905	9938	9982	9877	9976	9982	10110	10040	9859
	Date	18	14	18	17	03	24	13	31	01	05	05	22	04/17	
(0.1)	Air Temp.	Mean	15	42	91	149	198	228	259	275	224	177	105	62	152
		Mean Max.	57	88	136	192	246	263	294	310	248	209	149	106	192
		Mean Min.	- 21	0	49	108	152	198	231	245	201	149	66	21	117
		Highest	160	180	227	273	310	327	365	393	320	282	210	186	393
		Date	03	13	30	22	31	30	29	13	01	03	05	22	08/13
		Lowest	- 123	- 53	- 47	50	109	142	186	175	170	81	- 5	- 45	- 123
	Date	24	02	01	12	14	02	07	29	30	30	24	16	01/24	
(0.1hPa)	Vapor Press.	Mean	35	42	65	101	136	201	265	274	225	156	83	55	137
		Highest	93	162	164	178	229	286	352	380	302	288	162	182	380
		Date	17	13	06	17	24	24	31	13	27	03	14	22	08/13
		Lowest	8	15	18	39	45	109	194	127	136	50	19	13	8
		Date	24	21	01	18	04	02	15	31	20	30	24	16	01/24
(0.1) Mean D.P.Temp.		- 93	- 69	- 3	66	110	174	220	222	192	130	28	- 31	79	
Rel. Humid. (%)	Mean	48	47	56	62	61	74	81	75	83	76	62	55	65	
	Lowest	12	15	11	17	14	24	40	32	38	36	15	15	11	
	Date	12	05	16	23	05	03	10	31	01	30	02	16	03/16	
(0.1mm)	Precip.	00~24h Total	472	144	698	1552	394	525	1132	1815	5223	2577	209	413	15154
		09~09h Total	472	144	698	1552	394	525	1132	1815	5223	2577	209	413	15154
	Highest	1 Daily	270	57	221	427	203	201	488	842	1514	1553	132	168	1553
		Date	29	13	06	21	10	16	06	16	17	05	18	26	10/05
	6 6 - Hour	108	49	344	380	116	201	227	842	894	1289	125	95	1289	
		Date	29	28	06	07	10	16	06	16	03	05	19	22	10/05
	1 60 - Minute	706			87	34	198	179	706	405	476				706
		Date				07	10	16	06	16	10	05			08/16
	10 10 - Minute	180			22	18	145	95	180	107	101				180
		Date				17	03	16	06	16	10	08			08/16
2 2 - Day	1946			504	231	62	529	883	1946	517	142	209	1946		
	Date	28 - 29	12 - 13	05 - 06	06 - 07	10 - 11	19 - 20	06 - 07	28 - 29	02 - 03	07 - 08	18 - 19	26 - 27	09/02 - 09/03	
3 3 - Day	1993			514		20	524		1993	341			1993		
	Date	28 - 30	12 - 14	04 - 06			12 - 14	01 - 04		02 - 05	26 - 01			09/02 - 09/05	
(0.1mm)	Evapor.	Total	727	869	1107	1394	2045	1500							
		Highest	32	44	66	100	107	113							
	Small	Date	07	23	28	17	05	03							
		Total				859	1249	910							
Large	Highest				59	78	70								
	Date				08	05	03								
(0.1%)	Wind	Mean Speed	29	27	25	29	28	24	23	27	24	25	24	26	26
		Highest Speed	92	77	70	119	110	64	59	93	91	127	77	75	127
		Highest Dir.	W	W	SE	WSW	WSW	E	NE	SW	NE	NE	NE	WSW	NE
		Date	19	28	15	17	04	18	15	31	19	05	06	17	10/05
		Highest Gust Speed	148	131	98	173	168	90	97	143	122	161	106	116	173
		Highest Gust Dir.	W	W	NE	WSW	WSW	SE	SSW	WSW	NNE	NE	NNE	SW	WSW
		Date	19	28	24	17	04	18	05	31	19	05	06	23	04/17
		Resultant Speed	25	21	6	6	9	3	1	11	12	5	15	23	8
		Resultant Dir.	WSW	WSW	W	WNW	WSW	WNW	NW	NNE	NNE	N	WSW	WSW	W
(0.1)	Cloud Amount	34	37	48	55	43	63	70	40	78	63	45	38	51	
	Mean Low Mid.	13	22	27	28	20	35	45	31	53	42	28	23	31	
Sunshine	Total(0.1hr)	2021	2133	1998	2015	2842	1781	1837	2784	1087	1429	1752	1852	23531	
	Perc.(0.1%)	650	676	538	512	651	407	413	666	292	409	568	612	527	
(0.01MJ/m) Total Horizontal Radiation		23271	30058	36441	41663	55803	43287	43794	51806	25500	24951	22379	21319	420272	
Snow (0.1cm)	Highest	Snow Depth			1									1	
		Date			06										02/06
		Snowfall			1										1
		Date			06										02/06
	Total			1										1	
(0.1)	Grass Min. Temp.	Mean	- 61	- 40	17	73	114	169	212	224	180	116	36	- 9	86
		Lowest	- 137	- 102	- 69	0	51	92	164	140	132	49	- 54	- 67	- 137
		Date	24	05	01	12	17	02	15	29	23	31	26	07	01/24
(0.1)	Mean Soil Temp.	Surface	12	45	104	166	240	268	301	329	236	180	106	50	170
		0.05m Underground	21	48	98	158	222	254	284	310	232	182	105	55	164
		0.1m "	24	49	97	156	222	255	285	311	232	183	110	60	165
		0.2m "	31	52	96	153	213	248	275	305	232	188	119	69	165
		0.3m "	37	54	95	150	204	240	267	299	233	192	127	77	165
		0.5m "	61	62	92	135	177	215	242	275	234	203	148	99	162
		1.0m "	99	83	97	124	155	188	213	245	232	210	174	134	163
		1.5m "	122	101	105	122	147	175	198	226	229	213	186	153	165
		3.0m "	158	140	130	130	139	152	168	186	202	203	194	179	165
5.0m "	168	162	155	150	148	149	154	161	169	175	178	177	162		
(0.01hr) Dur. of Precip.		6209	3198	6049	11035	4448	4014	6930	4892	17304	8020	5815	5821	83735	
(0.01hr) Dur. of Fog						100								100	

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	63	45	56	67	56	45	46	53	74	83	57	37	83
		NE	64	43	60	70	49	44	53	69	89	121	75	17	121
		ENE		28	43	44	44	39	39	50	68	61	41	19	68
		E	14	40	52	52	49	56	42	53	32	50	35		56
		ESE		45	66	46	50	48	38	43	28	28	41	9	66
		SE		33	55	50	49	46	41	23	41	22			55
		SSE		37	40	57	56	34	43	21	23		10	37	57
		S	7	30	34	59	56	44	51	33	49	16	38	40	59
		SSW	28	49	46	45	54	43	46	33	45	31	30	41	54
		SW	47	47	59	79	70	43	41	79	40	40	46	53	79
		WSW	78	65	49	102	82	43	42	73	28	46	52	71	102
		W	85	65	44	82	76	41	34	52	21	32	49	56	85
		WNW	63	71	30	47	38	30	23	34	21	30	43	63	71
		NW	27	44	29	25	36	21	28	37	27	30	27	31	44
	NNW	27	27	33	33	36	23	21	43	31	67	32	28	67	
	(0.1%)	N	51	48	53	76	68	47	51	85	58	104	34	33	104
	Hourly Occurrence Percentage	CALM	5	9	16	7	19	11	22	1	29	9	8	12	12
		NNE	19	20	86	110	67	122	117	102	174	75	32	16	78
		NE	5	22	91	86	129	132	202	239	160	141	44	3	105
		ENE		4	26	24	30	28	46	50	51	66	8	1	28
		E	1	4	28	36	19	26	34	43	14	52	8		22
		ESE		7	11	8	8	22	8	7	4	3	3	1	7
		SE		3	12	11	7	17	7	3	7	3			6
		SSE		7	9	26	19	11	4	1	1		1	5	7
		S	1	10	13	19	20	25	17	7	8	3	7	13	12
		SSW	30	56	56	46	90	53	50	16	43	38	40	64	48
		SW	234	168	180	196	222	172	200	101	113	228	250	230	191
		WSW	411	329	255	221	195	183	149	129	79	177	339	399	239
W		185	216	55	36	40	42	23	40	33	56	99	148	81	
WNW		42	73	23	22	35	26	13	36	46	42	72	38	39	
NW	27	26	46	17	16	24	31	77	93	48	50	40	41		
NNW	28	19	44	26	24	24	24	66	57	28	21	21	32		
(0.1%)	N	12	27	47	108	60	82	54	82	88	30	17	8	51	
Number of Days With Classified	Daily Max. Temp.	0.0	4												4
		0.1 ~ 10.0	24	20	9								4	14	71
		10.1 ~ 20.0	3	9	19	18	3	1			1	12	22	17	105
		20.1 ~ 30.0			3	12	27	23	17	13	27	19	4		145
	Daily Mean Temp.	30.1					1	6	14	18	2				41
		-5.0	2												2
		-4.9 ~ 0.0	5	2										1	8
		0.1 ~ 10.0	24	25	20	1							13	26	109
	Daily Min. Temp.	10.1 ~ 20.0		2	11	28	13	5	1	1	2	25	17	4	109
		20.1				1	18	25	30	30	28	6			138
		-15.0													
		-14.9 ~ -5.0	8	1											9
	Daily Precip.	-4.9 ~ 0.0	13	16	4								1	8	42
		0.1 ~ 10.0	10	11	24	12						2	22	23	104
		10.1		1	3	18	31	30	31	31	30	29	7		211
		0.1mm	5	6	7	12	5	11	10	7	19	10	8	6	106
	60 - Minute Max. Precip.	10.0mm	1		4	3	1	2	4	2	7	4	1	1	30
		30.0mm				3			1	2	4	2			12
		80.0mm								2	2	1			5
		100.0mm									2	1			3
	10 - Minute Max. Precip.	1.0mm				9	5	6	8	5	14	8			55
		6.0mm				2		2	2	2	6	3			17
		10.0mm						1	1	2	5	3			12
		20.0mm								1	2	2			5
Daily Max. New Snowfall	30.0mm								1	1	1			3	
	0.1mm				12	5	11	10	7	19	10			74	
	1.0mm				5	1	3	8	4	9	5			35	
	5.0mm						1	1	2	3	3			10	
Daily Max. Snow Depth	10.0mm						1		1	1	1			4	
	0.1cm			1										1	
	5.0cm														
	10.0cm														
Daily Min. Rel. Humid.	20.0cm														
	0.1cm		1											1	
	5.0cm														
	10.0cm														
Daily Max. Wind speed	30.0cm														
	20%	5	6	10	5	4						3	6	39	
	21 ~ 30%	13	14	6	9	5	2					3	8	60	
	31 ~ 40%	9	5	3	3	6	4	1	2	1	3	10	5	52	
Daily Max. Wind speed	41 ~ 50%	1	2	7	7	8	6	4	8	2	6	4	5	60	
	51 ~ 70%	1		5	4	8	9	18	18	9	20	7	7	106	
	71%	2	2		2		9	8	3	18	2	3		49	
	0.5 ~ 3.3%	3		3		1	1	1		5	3	1	6	24	
Daily Max. Wind speed	3.4 ~ 7.9%	26	29	28	28	28	29	30	29	23	27	29	25	331	
	8.0 ~ 13.8%	2			2	2			2	2	1			11	

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Number of Days With Phenomena	Snow			4										1	5	
	Sleet			1											1	
	Snow Pellet															
	Hail															
	Fog					1									1	
	Frost													1	1	
	Freezing	22	21	3										3	13	62
	Haze	2	3	1	2	3						2	1	6	20	
	Yellow Sand				2	2										4
	Thunder Storm							1	2	4		1				8
	Sunshine (0%)	4	1	5	4	1	3	3	2	10	5	2	2	2	2	42
	< 20%	6	3	7	9	4	12	9	3	16	10	8	5	5	5	92
	80%	17	14	13	10	14	4	3	9	4	6	12	15	15	15	121
	Cloud Amount	14	15	10	6	8	4	1	10		3	10	13	13	13	94
2.5 ~ 5.4	11	3	8	7	14	5	6	14	4	7	8	6	6	6	93	
5.5 ~ 7.4	2	7	3	6	5	9	10	2	6	9	5	7	7	7	71	
7.5	4	4	10	11	4	12	14	5	20	12	7	5	5	5	108	
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10230	10228	10225	10148	10094	10112	10099	10094	10090	10161	10226	10215		
		2nd	10197	10194	10205	10147	10158	10057	10062	10055	10154	10208	10197	10239		
		3rd	10259	10270	10202	10121	10101	10076	10097	10036	10172	10200	10239	10235		
	Mean Temp. (0.1)	1st	45	23	79	146	196	208	242	281	237	201	110	72		
		2nd	5	61	85	147	181	240	247	296	220	180	137	61		
		3rd	-3	44	109	153	215	237	286	250	214	153	69	54		
	Mean Max.Temp. (0.1)	1st	92	72	122	194	246	237	278	316	263	228	155	120		
		2nd	49	103	125	190	230	283	276	334	240	220	183	105		
		3rd	33	89	158	193	260	269	325	285	243	181	108	94		
	Mean Min.Temp. (0.1)	1st	8	-18	36	101	153	180	213	253	214	175	67	28		
		2nd	-32	16	45	108	128	205	224	265	201	147	95	21		
		3rd	-37	2	65	115	172	208	254	220	188	127	36	15		
	Mean D.P.Temp. (0.1)	1st	-70	-112	0	63	86	156	212	241	208	162	31	-53		
		2nd	-104	-28	-15	55	104	180	213	240	190	135	65	-20		
		3rd	-105	-67	4	79	138	184	232	189	177	97	-11	-22		
	Mean Vapor Press (0.1hPa)	1st	39	27	70	99	117	181	252	301	246	191	82	44		
		2nd	32	60	60	95	130	208	255	299	223	156	103	59		
		3rd	34	40	65	109	160	214	287	226	205	124	64	60		
Mean Rel. Humid. (%)	1st	45	37	62	64	53	75	85	80	86	80	61	43			
	2nd	47	56	53	58	64	72	83	73	84	77	65	59			
	3rd	51	48	53	65	64	74	74	71	80	71	60	61			
Mean Wind Speed (0.1m/s)	1st	26	27	24	26	34	24	21	23	21	27	25	29			
	2nd	30	28	24	33	26	24	23	24	30	21	21	22			
	3rd	31	26	28	30	23	24	25	34	21	27	24	28			
Total Precip. (0.1mm)	1st		1	514	650	241	40	1053	63	2865	2226	13				
	2nd	91	81	149	119	78	283	53	842	2018	249	142	44			
	3rd	381	62	35	783	75	202	26	910	340	102	54	369			
Total Evaporation (0.1mm)	1st	273	330	271	386	644	502									
	2nd	235	267	354	546	706	534									
	3rd	219	272	482	462	695	464									
Total Sunshine (0.1hr)	1st	742	922	548	567	714	637	440	884	354	451	635	732			
	2nd	712	604	638	782	1055	595	493	1113	352	612	662	566			
	3rd	567	607	812	666	1073	549	904	787	381	366	455	554			
Mean Cloud Amount (0.1)	1st	26	12	49	64	54	57	78	38	79	68	40	17			
	2nd	30	54	48	50	32	65	77	24	77	51	43	44			
	3rd	46	46	47	52	43	68	57	57	78	70	50	51			
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 30					31				27				120(43)	
		Max. Temp. < 25				09					03				178(107)	
		Mean Temp. < 25						11			27				109(54)	
		Min. Temp. < 25							25	23					30(25)	
	Continue	Max. Temp. < 30								10 - 22						13
		Max. Temp. < 25								20	27					39
		Mean Temp. < 25								23	25					34
		Min. Temp. < 25								25	01					8
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6		
	Genesis	Max. Temp. < 0							19 - 24							6(4)
		Mean Temp. < 0						17		15						61(11)
		Min. Temp. < 0						17			12					87(48)
Frost															(0)	
Freezing						26				12					108(57)	
Snow							03			29					89(6)	
Continue	Snow Cover									06					1(1)	
	Max. Temp. < 0							23 - 24							2	
	Mean Temp. < 0							19 - 25							7	
	Min. Temp. < 0							06 - 16							11	
	Frost															
	Freezing							05 - 16							12	
Snow								29 - 29						1		
Snow Cover								06 - 06						1		

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2016

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10226	10221	10191	10111	10094	10054	10053	10033	10104	10162	10204	10223	10140
		Mean Sea Level	10256	10250	10220	10139	10121	10080	10079	10059	10130	10189	10232	10252	10167
		Highest	10344	10370	10310	10251	10240	10139	10156	10116	10222	10326	10350	10355	10370
		Date	01	25	01	19	14	06	07	01	21	30	29	30	02/25
		Lowest	10118	10011	10095	9918	9923	9968	9975	9919	9977	10044	10118	10081	9918
	Date	18	13	18	17	03	24	16	31	01	05	19	22	04/17	
(0.1)	Air Temp.	Mean	- 5	22	66	130	182	222	260	271	223	162	84	36	138
		Mean Max.	31	66	123	191	239	265	300	315	270	209	134	84	186
		Mean Min.	- 39	- 23	16	84	132	189	229	235	189	126	40	- 7	98
		Highest	127	205	224	240	296	292	340	349	325	295	218	164	349
		Date	02	13	31	26	23	22	29	20	01	04	14	22	08/20
		Lowest	- 138	- 82	- 56	42	86	152	193	159	147	38	- 26	- 70	- 138
	Date	24	02	01	05	08	05	18	29	23	30	29	28	01/24	
(0.1hPa)	Vapor Press.	Mean	49	55	74	118	163	240	311	320	234	158	87	64	156
		Highest	112	224	170	201	260	324	412	405	348	315	181	174	412
		Date	02	13	05	13	15	30	29	14	05	03	05	22	07/29
		Lowest	17	24	22	45	76	150	218	156	128	34	28	23	17
	Date	23	15	12	24	01	03	18	29	20	30	09	11	01/23	
(0.1) Mean D.P.Temp.		- 38	- 26	16	90	140	203	246	249	198	130	39	- 3	104	
Rel. Humid. (%)	Mean	79	73	73	80	80	90	93	89	87	83	76	77	82	
	Lowest	26	22	14	21	16	39	54	41	38	18	21	24	14	
	Date	05	10	31	06	21	03	08	29	01	30	09	11	03/31	
(0.1mm)	Precip.	00-24h Total	424	461	241	1666	1029	374	3272	100	1921	1123	319	514	11444
		09-09h Total													
	Highest	1 Daily	120	252	130	421	262	227	1388	50	1152	271	114	267	1388
		Date	19	12	05	21	24	24	04	15	17	08	18	21	07/04
	6 6 - Hour		95	164	130	278	219	187	904	50	847	296	107	192	904
		Date	24	12	05	21	24	24	04	15	17	08	18	22	07/04
	1 60 - Minute					129	77	70	409	50	185	111			409
		Date				13	03	24	04	15	17	25			07/04
	10 10 - Minute					35	30	42	156	32	55	60			156
		Date				13	02	15	04	15	17	08			07/04
2 2 - Day		206	315	139	450	401	230	1542	39	1491	481	115	325	1542	
	Date	23 - 24	12 - 13	04 - 05	20 - 21	02 - 03	23 - 24	03 - 04	26 - 27	17 - 18	07 - 08	18 - 19	21 - 22	07/03 - 07/04	
3 3 - Day		209	350					2978	47	1633	101		350	2978	
	Date	23 - 26	11 - 17					29 - 06	26 - 28	16 - 18	30 - 03		21 - 23	06/29 - 07/06	
(0.1mm)	Evapor.	Total													
		Highest													
(0.1mm)	Small	Total													
	Highest														
(0.1mm)	Large	Total													
		Highest													
(0.1%)	Wind	Mean Speed	18	27	21	23	24	20	21	21	16	17	19	22	21
		Highest Speed	118	114	95	150	98	76	110	111	84	85	76	112	150
		Highest Dir.	WNW	WNW	WNW	W	W	WNW	SSW	WNW	E	W	WNW	S	W
		Date	18	14	23	17	03	24	01	31	01	25	07	22	04/17
		Highest Gust Speed	177	173	132	223	168	115	161	161	144	120	115	157	223
		Highest Gust Dir.	WNW	WNW	SSE	W	W	E	SSW	WNW	S	WNW	WNW	SSW	W
		Date	18	29	05	17	03	15	01	31	01	31	07	22	04/17
		Resultant Speed	7	12	9	9	10	10	8	13	3	8	5	11	7
	Resultant Dir.	NW	W	W	WSW	WSW	WSW	SSW	WNW	N	NW	NW	WNW	W	
(0.1)	Cloud Amount	Mean													
		Mean Low Mid.													
Sunshine	Total(0.1hr)	1303	1813	2341	2064	2723	2036	2027	2684	1698	1423	1732	1673	23517	
	Perc.(0.1%)	419	575	630	524	623	466	456	641	457	407	561	553	527	
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
		Date													
(0.1)	Grass Min. Temp.	Mean	- 38	- 46	- 11	62	108	171	217	222	171	103	8	- 42	77
		Lowest	- 95	- 97	- 74	0	53	136	178	139	123	- 7	- 73	- 94	- 97
	Date	12	02	01	24	08	05	18	29	23	30	29	28	02/02	
(0.1)	Mean Soil Temp.	Surface	16	28	84	157	212	270	293	333	258	169	85	35	162
		0.05m													
		Underground													
		0.1m													
		0.2m													
		0.3m													
		0.5m													
		1.0m													
1.5m															
(0.1)	(0.01hr) Dur. of Precip.	3.0m													
		5.0m													
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	25	17	29	45	25	21	17	34	43	33	35	31	45
		NE	26	22	30	39	25	21	22	29	42	23	33	37	42
		ENE	26	25	25	36	23	23	32	26	37	24	25	32	37
		E	20	28	29	44	31	23	28	19	78	27	42	37	78
		ESE	50	63	43	56	57	74	61	27	58	51	51	44	74
		SE	42	54	80	68	73	61	63	25	44	63	44	66	80
		SSE	38	48	82	34	77	64	65	20	63	26	62	18	82
		S	26	59	66	61	66	37	72	63	71	31	56	96	96
		SSW	27	78	62	128	71	49	103	54	61	20	50	90	128
		SW	34	59	49	62	89	42	53	35	51	56	47	78	89
		WSW	32	63	48	71	95	57	48	90	45	45	32	48	95
		W	47	79	65	116	69	65	52	93	46	82	67	85	116
		WNW	105	107	85	144	69	70	46	107	39	74	65	89	144
		NW	93	101	80	42	68	27	30	49	30	54	54	62	101
	NNW	47	29	34	25	27	29	22	36	52	31	21	20	52	
	(0.1%)	N	20	16	24	35	20	23	30	25	52	27	29	20	52
	Hourly Occurrence Percentage	CALM	230	178	180	125	114	129	145	204	258	103	107	117	158
		NNE	26	16	19	38	13	10	11	47	76	101	67	38	38
		NE	40	20	17	28	12	22	20	30	29	39	44	47	29
		ENE	26	23	19	18	16	17	28	20	13	34	31	30	23
		E	38	46	50	56	47	44	44	60	18	47	97	90	53
		ESE	98	103	77	79	103	103	95	55	21	35	75	61	75
		SE	48	46	34	43	87	58	93	23	78	36	29	17	49
		SSE	32	30	31	25	42	50	58	8	43	9	22	9	30
		S	12	23	22	22	16	18	42	13	50	15	13	23	22
		SSW	11	30	32	46	23	18	55	7	24	5	17	13	23
		SW	9	22	38	72	62	38	44	7	14	19	29	13	31
		WSW	12	22	73	68	99	82	50	39	21	24	26	22	45
W		42	88	101	128	147	192	114	157	32	70	56	94	102	
WNW		90	174	136	113	120	140	109	180	40	102	124	172	125	
NW	160	116	98	61	47	32	40	63	72	148	133	135	92		
NNW	99	47	55	53	38	28	31	56	76	106	65	71	61		
(0.1%)	N	28	16	20	26	13	19	20	30	135	106	65	47	44	
Number of Days With Classified	Daily Max. Temp.	0.0	7	1											8
		0.1 ~ 10.0	22	22	10								8	18	80
		10.1 ~ 20.0	2	5	20	18	5				1	12	19	13	95
		20.1 ~ 30.0		1	1	12	26	30	14	6	27	19	3		139
	Daily Mean Temp.	30.1									2				44
		-5.0	6												6
		-4.9 ~ 0.0	9	10	1									6	26
		0.1 ~ 10.0	16	16	24	2						2	18	24	102
	Daily Min. Temp.	10.1 ~ 20.0		3	6	28	25	1			3	25	12	1	104
		20.1					6	29	31	31	27	4			128
		-15.0													
		-14.9 ~ -5.0	11	9	1										3
	Daily Precip.	-4.9 ~ 0.0	15	15	10								6	17	63
		0.1 ~ 10.0	5	4	20	22	3					5	21	11	91
		10.1		1		8	28	30	31	31	30	26	3	11	188
		0.1mm	12	11	3	11	8	10	11	5	6	10	10	10	107
	60 - Minute Max. Precip.	10.0mm	2	1	2	6	5	1	6		4	5	1	1	34
		30.0mm				3			3		2				8
		80.0mm							1		1				2
		100.0mm							1		1				2
	10 - Minute Max. Precip.	1.0mm				9	6	3	8	2	5	5			38
		6.0mm				3	4	2	6		3	3			21
		10.0mm				1			4		2	1			8
		20.0mm							2						2
Daily Max. New Snowfall	30.0mm							1						1	
	0.1mm				11	8	10	11	5	6	10			61	
	1.0mm				3	4	2	7	2	4	5			27	
	5.0mm							3		1	1			5	
Daily Max. Snow Depth	10.0mm							2						2	
	0.1cm														
	5.0cm														
	10.0cm														
Daily Min. Rel. Humid.	20.0cm														
	0.1cm														
	5.0cm														
	10.0cm														
Daily Max. Wind speed	30.0cm														
	20%			1		1					1			3	
	21 ~ 30%	1	1	6	4	5						2	2	21	
	31 ~ 40%		5	5	6	3	2			1	3	5	4	34	
Daily Max. Wind speed	41 ~ 50%	5	10	10	5	7				3	6	4	11	4	
	51 ~ 70%	19	11	6	10	13	11	11	18	13	12	10	15	149	
	71%	6	2	3	5	2	17	20	10	10	11	2	6	94	
	0.5 ~ 3.3%	7	2	2	1		1	2	1	6	10	7	9	48	
Daily Max. Wind speed	3.4 ~ 7.9%	21	19	25	26	28	29	26	27	23	20	23	15	282	
	8.0 ~ 13.8%	3	8	4	2	3		3	3	1	1		7	35	
	13.9%													1	

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Element		1	2	3	4	5	6	7	8	9	10	11	12			
Number of Days With Phenomena	Snow															
	Sleet															
	Snow Pellet															
	Hail															
	Fog															
	Frost															
	Freezing															
	Haze															
	Yellow Sand															
	Thunder Storm															
Sunshine (0%)	5	3	3	1	2	0	3	0	4	2	2	3	28			
< 20%	8	8	5	5	3	10	10	3	9	9	6	7	83			
80%	4	13	13	7	12	5	5	11	5	7	10	10	102			
Cloud Amount	2.4															
2.5 ~ 5.4																
5.5 ~ 7.4																
7.5																
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10253	10255	10233	10151	10102	10105	10089	10088	10082	10160	10235	10241		
		2nd	10226	10208	10215	10147	10157	10061	10054	10054	10145	10209	10203	10255		
		3rd	10285	10291	10214	10119	10106	10076	10093	10037	10165	10199	10259	10259		
	Mean Temp. (0.1)	1st	31	-3	62	119	167	212	247	282	242	186	94	47		
		2nd	-12	48	58	127	177	222	249	284	219	164	113	39		
		3rd	-30	20	77	143	200	233	282	249	210	139	44	25		
	Mean Max.Temp. (0.1)	1st	68	42	115	188	221	257	286	326	291	235	145	98		
		2nd	25	95	111	185	241	263	288	330	261	220	167	90		
		3rd	3	62	140	200	255	273	324	291	258	176	90	67		
	Mean Min.Temp. (0.1)	1st	-3	-50	18	70	116	174	221	247	205	149	51	-4		
		2nd	-45	1	9	83	122	193	217	248	189	122	63	-6		
		3rd	-67	-20	19	100	156	202	247	214	174	107	6	-12		
	Mean D.P.Temp. (0.1)	1st	-10	-54	12	77	123	186	238	265	217	156	52	4		
		2nd	-41	7	6	96	142	207	234	264	193	132	69	-8		
		3rd	-59	-31	28	99	154	218	264	221	184	105	-5	-6		
	Mean Vapor Press (0.1hPa)	1st	60	42	75	107	147	215	296	348	261	187	96	66		
		2nd	47	72	68	121	163	245	289	344	228	154	104	62		
		3rd	41	51	77	125	178	262	345	272	214	135	63	63		
	Mean Rel. Humid. (%)	1st	76	70	73	79	79	87	95	92	87	84	77	75		
		2nd	81	76	72	83	82	92	90	87	83	77	73	73		
3rd		81	71	75	78	79	92	91	86	86	82	73	81			
Mean Wind Speed (0.1m/s)	1st	17	21	25	19	31	17	23	16	22	20	23	21			
	2nd	22	35	17	27	23	23	19	18	12	12	17	18			
	3rd	16	27	21	22	18	21	22	28	14	18	18	27			
Total Precip. (0.1mm)	1st	4	0	139	283	562	22	2969	0	0	717	121	53			
	2nd	194	350	102	755	195	113	286	50	1635	213	159	18			
	3rd	226	111		628	272	239	17	50	286	193	39	443			
Total Evaporation (0.1mm)	1st															
	2nd															
	3rd															
Total Sunshine (0.1hr)	1st	500	824	558	715	667	841	359	897	703	539	692	641			
	2nd	408	507	755	650	1107	605	614	1008	512	624	551	549			
	3rd	395	482	1028	699	949	590	1054	779	483	260	489	483			
Mean Cloud Amount (0.1)	1st															
	2nd															
	3rd															
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 30							05		04				62(45)	
		Max. Temp. < 25					01					15			168(127)	
		Mean Temp. < 25						30				05			68(50)	
		Min. Temp. < 25							25	21					28(12)	
	Continue	Max. Temp. < 30							19	25					38	
		Max. Temp. < 25							18	29					43	
		Mean Temp. < 25							19	25					38	
		Min. Temp. < 25								19 - 21					3	
	'15.7 - '16.6 Low Temp. Phenomena		'15	7	8	9	10	11	12	'16	1	2	3	4	5	6
	Genesis	Max. Temp. < 0								19	01					14(8)
Mean Temp. < 0								17			01				76(29)	
Min. Temp. < 0						26					26				122(77)	
Frost																
Continue	Max. Temp. < 0								19 - 25						7	
	Mean Temp. < 0								18 - 27						10	
	Min. Temp. < 0									14 - 25					12	
	Frost															
Freezing																
Snow																
Snow Cover																

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10173	10169	10145	10073	10054	10017	10021	9997	10073	10126	10161	10173	10099
		Mean Sea Level	10235	10231	10205	10131	10111	10073	10077	10052	10130	10185	10221	10234	10157
		Highest	10332	10355	10292	10237	10258	10144	10156	10115	10217	10306	10333	10334	10355
		Date	01	25	01	19	14	05	06	26	21	30	29	30	02/25
		Lowest	10080	9987	10088	9872	9912	9942	9976	9886	9977	9998	10114	10041	10041
	Date	18	14	18	17	03	24	13	31	01	05	05	22	04/17	
(0.1)	Air Temp.	Mean	- 2	31	88	149	200	234	264	276	219	166	88	40	146
		Mean Max.	43	83	145	210	267	283	315	332	259	210	140	87	198
		Mean Min.	- 42	- 16	35	95	136	191	226	232	187	131	41	- 6	101
		Highest	139	159	224	272	323	335	361	381	322	276	204	166	381
		Date	03	13	30	22	30	18	27	13	01	03	14	22	08/13
	Lowest	- 130	- 61	- 46	40	82	123	194	169	131	57	- 30	- 51	- 130	
	Date	24	03	01	12	17	02	07	30	21	30	26	28	01/24	
(0.1hPa)	Vapor Press.	Mean	36	43	62	97	131	186	245	234	206	144	73	49	126
		Highest	79	162	157	194	232	261	315	321	288	276	152	174	321
		Date	04	13	06	17	24	24	29	12	05	03	14	22	08/12
		Lowest	10	18	19	34	55	88	150	111	106	32	15	11	10
		Date	23	15	10	24	05	01	10	31	20	30	24	16	01/23
(0.1) Mean D.P.Temp.		- 83	- 65	- 11	59	105	161	206	197	177	117	9	- 45	69	
Rel. Humid. (%)	Mean	58	52	55	61	59	67	73	65	79	75	62	58	64	
	Lowest	15	13	14	15	16	19	27	23	32	15	14	13	13	
	Date	05	10	17	05	18	19	10	24	01	30	15	16	12/16	
(0.1mm)	Precip.	00~24h Total	238	155	675	1510	650	457	3073	812	3065	1115	113	410	12273
		09~09h Total													
	Highest	1 Daily	152	75	270	355	235	245	745	350	1130	490	75	185	1130
		Date	29	13	05	27	10	24	06	07	17	05	18	21	09/17
	6 6 - Hour	Date	29	13	06	07	24	24	24	07	17	05	19	22	07/24
		1 60 - Minute				75	50	105	685	195	195	90			685
	Date				06	24	08	24	07	08	05				07/24
	10 10 - Minute	Date				25	15	35	205	100	120	35			205
		2 2 - Day	228	125	385	410	245	57	990	335	1170	240	80	245	1170
	Date	28 - 29	12 - 13	05 - 06	06 - 07	10 - 11	19 - 20	24 - 25	28 - 29	17 - 18	07 - 08	18 - 19	21 - 22	09/17 - 09/18	
3 3 - Day			495			16	1410		1195	285			1410		
Date			04 - 06			12 - 16	01 - 06		16 - 18	26 - 01			07/01 - 07/06		
(0.1mm)	Evapor.	Small													
		Total Highest Date													
(0.1mm)	Large	Total Highest Date													
(0.1%)	Wind	Mean Speed	21	24	22	25	23	22	20	23	16	17	19	21	21
		Highest Speed	108	89	75	121	116	76	77	103	64	77	76	88	121
		Highest Dir.	W	WNW	ESE	W	W	WNW	SW	WNW	E	WNW	WNW	WNW	W
		Date	19	28	19	17	04	25	31	31	20	05	22	23	04/17
		Highest Gust Speed	179	141	108	214	193	124	194	169	136	136	123	141	214
		Highest Gust Dir.	WNW	WNW	E	W	W	NW	W	W	E	ENE	NW	WNW	W
		Date	19	28	24	17	04	25	31	31	19	05	01	23	04/17
		Resultant Speed	19	18	1	5	2	6	8	7	11	5	9	17	2
Resultant Dir.	WNW	WNW	WSW	SE	SSW	ESE	SE	ESE	SE	ESE	WNW	NW	W		
(0.1)	Cloud Amount	Mean	37	36	45	52	43	62	70	42	78	64	41	51	
		Mean Low Mid.	19	20	26	24	21	36	42	29	48	36	25	27	29
Sunshine	Total(0.1hr)	1952	2060	2054	1984	2751	1823	1734	2631	981	1279	1752	1772	22773	
	Perc.(0.1%)	628	653	553	504	630	417	391	629	264	366	568	585	510	
(0.01MJ/m) Total Horizontal Radiation		26594	35207	45930	50700	65545	52466	51626	59837	32516	30410	27814	24044	502689	
Snow (0.1cm)	Highest	Snow Depth	59											59	
		Date	29												01/29
		Snowfall	52												52
		Date	29												
	Total	56												56	
(0.1)	Grass Min. Temp.	Mean	- 83	- 54	- 2	62	98	166	216	216	174	100	- 4	- 50	70
		Lowest	- 151	- 113	- 85	- 5	38	83	190	149	96	10	- 89	- 113	- 151
		Date	25	03	02	01	17	02	08	30	21	30	26	07	01/25
(0.1)	Mean Soil Temp.	Surface	3	42	112	170	240	288	317	343	247	186	96	40	174
		0.05m Underground													
		0.1m "													
		0.2m "													
		0.3m "													
		0.5m "													
		1.0m "													
		1.5m "													
3.0m "															
5.0m "															
(0.01hr) Dur. of Precip.		5209	3183	4997	10566	4907	4629	9321	3716	13758	6421	1975	4050	72732	
(0.01hr) Dur. of Fog		734	83	766	117						833		759	3292	

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed (0.1%)	NNE	7	13	17	19	20	17	22	19	15	12	12	8	22
		NE	5	13	15	15	18	18	16	14	47	14	12	11	47
		ENE	11	13	43	48	42	53	20	39	46	13	15	11	53
		E	13	24	67	65	56	61	41	62	59	67	37	12	67
		ESE	25	40	68	77	63	73	55	66	54	63	51	13	77
		SE	13	24	43	42	45	59	74	65	54	44	48	33	74
		SSE	7	11	39	39	45	36	54	43	37	37	22	9	54
		S		39	36	34	32	39	28	26	30	19	21	12	39
		SSW	11	28	35	32	39	32	32	12	40	14	8	10	40
		SW	13	24	23	32	39	36	36	12	34	17	13	13	39
		WSW	32	51	41	71	77	32	36	17	51	16	22	13	77
		W	71	67	50	103	108	60	51	77	23	33	38	60	108
		WNW	87	74	65	81	107	70	48	65	26	75	64	73	107
		NW	65	69	43	52	63	43	37	51	28	47	57	77	77
	NNW	27	26	30	28	34	45	60	35	21	32	49	49	60	
	N	6	7	17	19	17	28	20	38	17	21	21	15	38	
	Hourly Occurrence Percentage (0.1%)	CALM	207	129	86	60	32	51	63	79	122	157	142	176	109
		NNE	7	10	17	19	20	26	17	19	26	5	15	17	17
		NE	4	9	20	19	34	28	16	13	18	22	14	9	17
		ENE	7	11	22	25	47	28	31	28	40	22	26	23	26
		E	15	27	73	104	70	76	34	55	74	63	24	12	52
		ESE	46	83	179	253	183	151	106	163	122	198	78	32	133
		SE	8	22	56	86	94	188	266	222	282	147	100	39	126
		SSE	1	3	27	26	58	89	102	91	121	79	32	4	53
		S		4	17	19	24	32	35	23	39	20	14	5	19
		SSW	5	7	11	7	13	33	42	3	14	11	6	3	13
		SW	4	6	17	14	17	11	26	5	19	5	19	3	12
WSW		39	40	52	51	38	19	26	5	11	8	14	11	26	
W		230	197	118	131	121	26	42	48	14	28	54	95	92	
WNW	302	279	145	79	90	65	36	62	17	94	213	255	136		
NW	110	134	90	58	86	69	51	70	26	66	138	212	93		
NNW	11	34	42	28	46	65	70	58	31	42	88	82	50		
N	5	4	27	19	27	40	38	55	24	34	25	21	27		
Number of Days With Classified	Daily Max. Temp.	0.0	4											4	
		0.1 ~ 10.0	25	19	6								5	17	
		10.1 ~ 20.0	2	10	21	10		1			1	11	23	14	
		20.1 ~ 30.0			4	20	27	19	11	5	27	20	2		
	Daily Mean Temp.	30.1					4	10	20	26	2				
		-5.0	5											5	
		-4.9 ~ 0.0	8	6										1	
		0.1 ~ 10.0	18	22	18	1						2	16	29	
	Daily Min. Temp.	10.1 ~ 20.0		1	13	29	19	1		1	7	25	14	1	
		20.1					12	29	31	30	23	4		129	
		-15.0													
		-14.9 ~ -5.0	11	5										1	
	Daily Precip.	-4.9 ~ 0.0	18	18	6								3	17	
		0.1 ~ 10.0	2	5	25	21	2					3	24	13	
		10.1		1		9	29	30	31	31	30	28	3	192	
		0.1mm	3	3	6	11	8	14	16	8	17	8	6	5	
	60 - Minute Max. Precip.	10.0mm	1		4	6	4	2	8	3	5	3		2	
		30.0mm				1			3	2	3	1		10	
		80.0mm									1			1	
		100.0mm									1			1	
10 - Minute Max. Precip.	1.0mm				10	4	4	10	3	13	7		51		
	6.0mm				2		2	8	2	5	2		21		
	10.0mm						1	6	2	3			12		
	20.0mm							4					4		
Daily Max. New Snowfall	30.0mm							2					2		
	80.0mm												2		
	100.0mm												1		
	1.0cm												1		
Daily Max. Snow Depth	5.0cm	2	1	11	10	7	2				1	5	8		
	10.0cm	7	16	9	9	8	5	1	6			8	5		
	20.0cm	11	7	4	3	8	6	4	12	4	6	4	5		
	30.0cm	7	3	4	2	3	6	13	10	9	7	5	6		
Daily Min. Rel. Humid.	51 ~ 70%	2		3	4	5	10	11	3	11	15	7	5		
	71%	2	2		2		1	2		6	2	1	2		
	0.5 ~ 3.3%	8	4	4	2	1	5	3	4	11	8	8	9		
	3.4 ~ 7.9%	22	21	27	26	27	25	28	26	19	23	22	19		
Daily Max. Wind speed	8.0 ~ 13.8%	1	4		2	3				1			3		
	13.9%												14		

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Number of Days With Phenomena	Snow	4	3										1	8		
	Sleet	2											1	3		
	Snow Pellet													1		
	Hail												1	1		
	Fog	2	1	2	1							5		2	13	
	Frost	8		1									10	5	24	
	Freezing	26	22	6									8	19	81	
	Haze	6	1	2	4	6	12	4	2	4	7	11	8		67	
	Yellow Sand				4	2									6	
	Thunder Storm		1				1	7	3	1	1				14	
	Sunshine (0%)	3	1	4	3	1	4	4	2	6	5	1	4		38	
	< 20%	6	2	8	9	5	10	10	3	18	10	6	7		94	
	80%	14	13	14	7	13	5	1	11	3	3	12	12		108	
	Cloud Amount	12	14	10	7	9	4			8		2	10	12	88	
2.5 ~ 5.4	11	6	10	10	12	7	10	15	6	8	9	9		113		
5.5 ~ 7.4	4	6	3	3	4	8	8	4	4	9	6	3		62		
7.5	4	3	8	10	6	11	13	4	20	12	5	7		103		
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10235	10232	10219	10140	10091	10101	10088	10084	10080	10154	10225	10220		
		2nd	10203	10194	10199	10141	10150	10050	10051	10044	10145	10204	10195	10243		
		3rd	10265	10270	10196	10112	10094	10069	10090	10029	10164	10195	10242	10239		
	Mean Temp. (0.1)	1st	26	11	76	142	191	217	253	281	236	194	93	48		
		2nd	-9	49	80	148	187	246	255	300	214	166	116	37		
		3rd	-21	33	107	158	222	239	282	249	207	141	53	35		
	Mean Max.Temp. (0.1)	1st	80	64	130	207	251	265	302	341	278	234	148	103		
		2nd	36	103	136	204	262	299	298	358	249	222	176	84		
		3rd	17	82	169	220	286	284	341	302	250	177	96	77		
	Mean Min.Temp. (0.1)	1st	-18	-40	29	86	137	172	214	241	206	163	43	-6		
		2nd	-50	0	29	97	112	201	223	252	184	124	62	-8		
		3rd	-57	-10	46	102	156	200	240	205	172	108	16	-3		
	Mean D.P.Temp. (0.1)	1st	-58	-106	-12	56	90	146	205	220	195	149	16	-57		
		2nd	-92	-25	-21	52	98	167	196	209	172	122	47	-41		
		3rd	-98	-64	-2	70	125	170	216	166	164	84	-36	-37		
	Mean Vapor Press (0.1hPa)	1st	42	28	65	94	121	170	243	265	227	177	74	43		
		2nd	33	60	57	93	125	192	229	249	200	144	92	50		
		3rd	34	41	62	104	148	196	261	193	190	115	53	53		
Mean Rel. Humid. (%)	1st	57	44	59	63	57	68	77	72	80	77	62	51			
	2nd	56	62	54	58	62	65	72	61	79	78	68	60			
	3rd	60	51	53	62	58	68	70	63	79	71	57	63			
Mean Wind Speed (0.1m/s)	1st	19	23	25	21	26	22	20	17	17	20	21	21			
	2nd	25	24	21	30	23	20	22	23	17	13	14	18			
	3rd	20	25	21	24	21	23	18	28	15	19	22	25			
Total Precip. (0.1mm)	1st			495	600	366	126	1410	465	1490	775	2	0			
	2nd	10	125	115	320	116	73	175	1	1295	260	81	15			
	3rd	228	30	65	590	168	258	1488	346	280	80	30	395			
Total Evaporation (0.1mm)	1st															
	2nd															
	3rd															
Total Sunshine (0.1hr)	1st	764	951	587	584	700	713	401	809	329	448	676	682			
	2nd	629	552	670	759	1015	642	509	1039	296	515	565	543			
	3rd	559	557	797	641	1036	468	824	783	356	316	511	547			
Mean Cloud Amount (0.1)	1st	26	8	46	57	57	55	81	42	80	63	31	25			
	2nd	37	54	45	48	30	63	72	27	78	55	44	46			
	3rd	49	46	44	52	41	68	59	55	75	73	48	51			
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 30					18				07			113(62)		
		Max. Temp. < 25				09					06			181(135)		
		Mean Temp. < 25					31				06			99(58)		
		Min. Temp. < 25							26	16				22(12)		
	Continue	Max. Temp. < 30							22	26					36	
		Max. Temp. < 25							17	27					42	
		Mean Temp. < 25							22	25					35	
		Min. Temp. < 25							11	16					6	
	'15.7 - '16.6 Low Temp. Phenomena		'15	7	8	9	10	11	12	'16	1	2	3	4	5	6
	Genesis	Max. Temp. < 0								19	24					6(4)
		Mean Temp. < 0							17		29					75(19)
		Min. Temp. < 0										15				110(73)
Frost					31						15				137(21)	
Freezing					31						15				137(71)	
Snow						26				29					96(11)	
Continue	Snow Cover								28						4(4)	
	Max. Temp. < 0							23	24						2	
	Mean Temp. < 0							18	26						9	
	Min. Temp. < 0							06	29						24	
	Frost							09	10						2	
	Freezing							06	20						15	
Snow							28	29						2		
Snow Cover							28	31						4		

Element		1	2	3	4	5	6	7	8	9	10	11	12				
(0.1hPa)	Air Press.	Mean Station	10176	10171	10142	10063	10048	10008	10008	9988	10057	10114	10156	10174	10092		
		Mean Sea Level	10254	10249	10218	10136	10119	10078	10077	10057	10128	10187	10231	10251	10165		
		Highest	10346	10370	10311	10249	10238	10139	10153	10114	10218	10323	10348	10353	10370		
		Date	01	25	01	19	14	06	07	01	21	30	29	30	02/25		
		Lowest	10115	10008	10084	9912	9921	9963	9976	9920	9985	10032	10117	10072	9912		
		Date	18	13	18	17	03	24	16	31	01	05	19	22	04/17		
(0.1)	Air Temp.	Mean	- 2	25	76	146	192	228	265	274	226	165	86	38	143		
		Mean Max.	34	72	139	213	257	278	310	323	273	211	135	85	194		
		Mean Min.	- 34	- 18	26	97	136	191	232	235	190	128	42	- 4	102		
		Highest	140	219	229	264	301	313	345	362	325	298	211	169	362		
		Date	03	13	31	25	18	18	29	20	01	04	06	22	08/20		
		Lowest	- 130	- 79	- 61	52	96	157	204	162	139	33	- 21	- 65	- 130		
		Date	24	02	01	05	17	05	19	29	21	30	29	30	01/24		
(0.1hPa)	Vapor Press.	Mean	45	50	66	111	143	217	282	276	213	149	81	59	141		
		Highest	104	179	161	200	221	293	371	348	291	279	164	179	371		
		Date	03	13	05	13	06	30	29	05	27	03	14	22	07/29		
		Lowest	15	21	18	37	72	125	218	140	115	30	25	23	15		
		Date	23	15	10	05	01	03	18	29	20	30	23	29	01/23		
(0.1) Mean D.P.Temp.		- 50	- 41	- 1	80	121	187	230	225	183	122	26	- 16	89			
Rel. Humid. (%)	Mean	72	64	62	69	67	80	83	76	79	78	69	70	72			
	Lowest	28	23	14	16	19	33	52	36	36	17	25	25	14			
	Date	05	10	16	23	05	18	20	19	01	30	23	11	03/16			
(0.1mm)	Precip.	00~24h Total	252	316	670	1442	843	958	2518	358	1454	1523	375	468	11177		
		09~09h Total	252	316	670	1442	843	958	2518	358	1456	1521	375	468	11177		
	Highest	1 Daily	83	116	543	290	229	380	574	165	952	475	127	138	952		
		Date	17	12	05	21	24	27	04	06	17	05	18	22	09/17		
	6 6 - Hour	Date	17	28	05	07	16	27	02	06	17	05	18	22	07/02		
		1 60 - Minute				101	72	380	272	165	133	160			380		
	Date				06	15	27	02	06	17	08			06/27			
	10 10 - Minute	Date				06	15	27	02	06	17	08			06/27		
		2 2 - Day	97	166	583	488	232	105	973	235	1104	556	134	239	1104		
	Date	17 - 18	12 - 13	04 - 05	06 - 07	15 - 16	20 - 21	01 - 02	05 - 06	16 - 17	07 - 08	18 - 19	21 - 22	09/16 - 09/17			
3 3 - Day	Date	105	200		263			2232	237	1230	208		263	2232			
	Date	17 - 19	11 - 17		26 - 28			30 - 07	04 - 06	16 - 18	30 - 03		21 - 23	06/30 - 07/07			
(0.1mm)	Evapor.	Total	724	654	1192	1160	1559	1515									
		Highest	59	63	81	72	80	86									
	Small	Date	16	20	15	25	30	27									
		Total				811	1155	1029									
Large	Highest				54	72	68										
	Date				25	18	27										
(0.1%)	Wind	Mean Speed	17	24	19	19	21	16	17	17	14	14	17	18	18		
		Highest Speed	76	92	75	135	102	82	68	92	64	71	62	81	135		
		Highest Dir.	WNW	W	W	SW	WSW	ESE	SW	WSW	SW	N	WSW	WSW	SW		
		Date	18	16	23	17	03	27	02	31	01	05	05	22	04/17		
		Highest Gust Speed	150	148	138	240	194	129	139	173	123	114	109	143	240		
		Highest Gust Dir.	WNW	SW	SSE	SW	SE	SE	SW	SW	SE	WNW	NNW	W	SW		
		Date	18	28	05	17	03	27	02	31	02	25	01	22	04/17		
		Resultant Speed	6	11	6	7	9	7	7	7	7	1	2	4	6	5	
		Resultant Dir.	NW	W	W	WSW	SW	WSW	SW	W	WNW	NNW	NW	W	W		
(0.1)	Cloud Amount	58	47	40	52	46	64	66	48	65	67	44	48	54			
	Mean Low Mid.	45	33	20	27	22	46	46	37	40	41	28	35	35			
Sunshine	Total(0.1hr)	1407	1832	2229	1861	2779	1715	1847	2278	1393	1143	1660	1557	21701			
	Perc.(0.1%)	452	580	600	473	637	393	416	545	374	327	537	513	486			
(0.01MJ/m) Total Horizontal Radiation		23954	34437	51900	52614	70969	55771	56496	60161	40823	31226	28694	24823	531868			
(0.1cm)	Snow	Snow Depth	155	54										3	155		
		Date	24	16											29	01/24	
		Snowfall	88	42											3	88	
		Date	23	16												29	01/23
		Total	269	80												5	354
(0.1)	Grass Min. Temp.	Mean	- 54	- 74	- 34	56	103	168	226	227	168	101	- 2	- 51	70		
		Lowest	- 128	- 140	- 113	- 7	55	130	199	143	89	- 11	- 80	- 112	- 140		
		Date	12	02	01	01	08	02	18	29	21	30	29	30	02/02		
(0.1)	Mean Soil Temp.	Surface	13	24	80	161	218	259	307	335	259	185	102	44	166		
		0.05m Underground															
		0.1m "															
		0.2m "															
		0.3m "															
		0.5m "															
		1.0m "															
		1.5m "															
3.0m "																	
5.0m "																	
(0.01hr) Dur. of Precip.		13750	8790	3877	10810	6986	5162	9059	3372	10368	9692	5314	8953	96133			
(0.01hr) Dur. of Fog		1083	42	1575	1713			200			1385	1075		7073			

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	22	21	16	29	21	24	31	44	30	40	35	20	44
		NE	16	12	22	20	24	17	21	20	35	26	13	22	35
		ENE	9	15	17	23	15	16	11	31	39	30	11	17	39
		E	13	19	15	33	24	26	19	29	28	41	18	19	41
		ESE	21	42	37	52	25	82	28	60	43	32	25	42	82
		SE	24	56	40	91	93	30	59	27	40	35	30	50	93
		SSE	28	44	61	87	71	60	53	14	39	37	22	24	87
		S	21	34	44	26	47	39	36	17	38	24	38	36	47
		SSW	19	34	41	38	37	31	33	22	42	24	17	35	42
		SW	39	75	42	112	81	39	53	50	57	38	47	55	112
		WSW	38	69	47	105	87	54	56	86	37	35	51	69	105
		W	58	71	69	95	59	65	46	78	41	52	40	63	95
		WNW	61	62	44	59	41	41	38	51	30	48	38	58	62
		NW	58	69	54	31	43	34	31	32	37	43	39	50	69
	NNW	64	50	64	29	31	31	34	47	32	45	55	60	64	
	(0.1%)	N	57	22	36	44	39	32	26	46	35	42	42	23	57
	Hourly Occurrence Percentage	CALM	122	63	116	110	75	92	99	112	200	109	64	72	103
		NNE	32	6	17	35	13	33	26	44	43	35	28	21	28
		NE	39	10	7	22	16	26	24	23	35	36	22	20	23
		ENE	4	13	11	18	9	11	3	27	11	24	7	12	13
		E	11	16	22	24	12	18	13	24	35	35	21	27	21
		ESE	40	50	69	60	48	39	70	47	79	78	92	87	63
		SE	156	177	163	110	169	142	145	137	139	161	192	193	157
		SSE	35	57	35	38	58	38	50	16	32	44	60	38	42
		S	11	27	27	18	42	33	60	11	18	27	19	12	25
		SSW	13	24	19	24	23	35	42	27	19	17	13	7	22
		SW	38	57	43	82	112	93	109	75	57	23	26	23	61
		WSW	30	59	69	89	94	99	83	91	28	34	35	40	62
W		85	170	130	122	161	156	108	116	82	48	64	117	113	
WNW		70	82	52	74	56	57	55	63	39	28	47	90	59	
NW	128	111	108	56	40	43	46	77	71	117	114	107	85		
NNW	141	52	93	67	43	50	35	67	56	130	149	102	82		
(0.1%)	N	47	26	22	54	27	36	32	43	57	52	49	31	40	
Number of Days With Classified	Daily Max. Temp.	0.0	7											7	
		0.1 ~ 10.0	22	22	8								8	20	
		10.1 ~ 20.0	2	6	21	12	1				1	12	19	11	85
		20.1 ~ 30.0		1	2	18	29	26	11	6	23	19	3		138
	Daily Mean Temp.	30.1					1	4	20	25	6				56
		-5.0	6												6
		-4.9 ~ 0.0	8	9	1									5	23
		0.1 ~ 10.0	17	17	22						4	2	18	24	100
	Daily Min. Temp.	10.1 ~ 20.0		3	8	30	19					26	12	2	104
		20.1					12	30	31	31	26	3			133
		-15.0													
		-14.9 ~ -5.0	9	6	1									4	20
	Daily Precip.	-4.9 ~ 0.0	16	16	6								8	15	61
		0.1 ~ 10.0	6	6	23	19	4					7	19	12	96
		10.1		1	1	11	27	30	31	31	30	24	3		189
		0.1mm	8	11	3	14	8	10	13	11	10	10	11	9	118
	60 - Minute Max. Precip.	10.0mm		1	1	6	4	3	6	1	4	4	1	3	34
		30.0mm							1	4		2			9
		80.0mm									1				1
		100.0mm													
	10 - Minute Max. Precip.	1.0mm				10	7	7	10	7	6	8			55
		6.0mm				1	2	4	7	2	1	3			20
		10.0mm				1		1	6	1	1	1			11
		20.0mm						1	2						3
Daily Max. New Snowfall	30.0mm							1						1	
	0.1mm				14	8	10	13	11	10	10			76	
	1.0mm				8	3	5	10	5	4	7			42	
	5.0mm						2	4	2		1			9	
Daily Max. Snow Depth	10.0mm						1	1						2	
	0.1cm	6	4										2	12	
	5.0cm	3												3	
	10.0cm														
Daily Min. Rel. Humid.	30.0cm	14	4										2	20	
	0.1cm	8	1											9	
	5.0cm	3												3	
	10.0cm														
Daily Max. Wind speed	20.0cm														
	30.0cm														
	0.1cm	14	4										2	20	
	5.0cm	8	1											9	
Daily Min. Rel. Humid.	10.0cm	3												3	
	20.0cm														
	30.0cm														
	0.1cm	14	4										2	20	
Daily Max. Wind speed	5.0cm	8	1											9	
	10.0cm	3												3	
	20.0cm														
	30.0cm														
Daily Min. Rel. Humid.	20%			4	5	1					1			11	
	21 ~ 30%	2	5	10	8	8					1	5	4	43	
	31 ~ 40%	2	12	6	7	6	3		2	3	2	8	8	59	
	41 ~ 50%	11	6	8	3	9	5		9	8	6	10	7	82	
Daily Max. Wind speed	51 ~ 70%	13	6	2	2	6	20	25	19	14	18	5	8	138	
	71%	3		1	5	1	2	6	1	5	3	2	4	33	
	0.5 ~ 3.3%	11	2	1	1	1	7	9	3	10	16	10	13	84	
	3.4 ~ 7.9%	20	26	30	27	27	22	22	26	20	15	20	17	272	
Daily Max. Wind speed	8.0 ~ 13.8%		1		2	3	1		2				1	10	
	13.9%														

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Number of Days With Phenomena	Snow	12	7									1	2	22		
	Sleet	2	3									1	1	7		
	Snow Pellet											1		1		
	Hail															
	Fog	2	1	4	6				1			3	2		19	
	Frost	13	13	11									6	17	60	
	Freezing	25	22	8									11	22	88	
	Haze	11	8	10	6	7	11	1	2	3	7	7	10		83	
	Yellow Sand				4	1									5	
	Thunder Storm			1					3	1				2	7	
	Sunshine (0%)	3	1	2	2	2	1	2	1	5	4	2	3		28	
	< 20%	6	7	5	9	4	11	8	5	12	12	8	8		95	
	80%	5	12	12	5	11	2	0	6	2	4	8	9		76	
	Cloud Amount	1	9	10	6	8	2		4	1	3	9	8		61	
2.5 ~ 5.4	12	8	10	10	11	10	14	14	10	5	11	10		125		
5.5 ~ 7.4	12	4	6	4	7	4	5	8	7	9	3	8		77		
7.5	6	8	5	10	5	14	12	5	12	14	7	5		103		
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10252	10254	10231	10149	10100	10102	10088	10086	10080	10157	10234	10239		
		2nd	10225	10206	10212	10144	10155	10058	10052	10052	10141	10207	10201	10254		
		3rd	10284	10290	10211	10116	10104	10074	10091	10035	10162	10196	10258	10258		
	Mean Temp. (0.1)	1st	34	0	67	135	177	218	251	284	242	188	96	47		
		2nd	-10	53	69	144	188	231	253	290	222	167	118	43		
		3rd	-27	22	92	160	210	235	288	251	214	142	44	26		
	Mean Max.Temp. (0.1)	1st	76	50	121	210	239	274	294	332	294	233	148	96		
		2nd	26	100	130	204	258	279	298	346	266	223	169	93		
		3rd	3	67	163	224	272	280	336	295	259	180	89	69		
	Mean Min.Temp. (0.1)	1st	-1	-46	24	82	124	177	224	245	206	152	50	1		
		2nd	-41	9	18	98	126	195	221	251	190	127	71	0		
		3rd	-58	-18	34	111	157	202	251	212	176	108	5	-11		
	Mean D.P.Temp. (0.1)	1st	-23	-74	6	60	107	166	230	242	196	153	36	-14		
		2nd	-56	-5	-10	85	118	194	219	239	180	125	59	-16		
		3rd	-68	-45	0	94	135	201	240	196	172	91	-16	-18		
	Mean Vapor Press (0.1hPa)	1st	54	36	74	98	132	189	281	303	229	183	85	58		
		2nd	42	67	62	115	140	226	263	297	210	147	98	60		
		3rd	40	46	63	121	157	236	300	233	200	122	59	59		
	Mean Rel. Humid. (%)	1st	67	59	68	66	68	75	89	79	77	82	69	66		
		2nd	73	68	61	72	67	81	82	76	80	78	70	67		
		3rd	74	63	56	69	66	82	77	74	79	73	67	74		
	Mean Wind Speed (0.1m/s)	1st	17	22	23	17	27	14	17	15	16	16	18	18		
		2nd	18	27	15	23	19	16	16	15	12	11	15	15		
		3rd	14	22	19	17	16	17	18	22	13	15	17	21		
Total Precip. (0.1mm)	1st	0	0	583	524	369	46	2226	237	31	1129	141	59			
	2nd	128	200	87	365	232	236	238	27	1239	296	155	32			
	3rd	124	116		553	242	676	54	94	184	98	79	377			
Total Evaporation (0.1mm)	1st	361	278	318	348	377	475									
	2nd	198	218	369	313	535	451									
	3rd	165	158	505	499	647	589									
Total Sunshine (0.1hr)	1st	489	915	547	606	721	621	356	682	512	433	664	609			
	2nd	462	451	679	602	1068	594	474	884	460	489	495	481			
	3rd	456	466	1003	653	990	500	1017	712	421	221	501	467			
Mean Cloud Amount (0.1)	1st	55	13	54	53	59	57	80	44	59	64	41	35			
	2nd	59	68	42	54	33	61	67	40	66	61	44	48			
	3rd	60	64	25	51	46	74	51	57	69	74	48	60			
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 30					18			27				133(58)		
		Max. Temp. < 25			15						15			184(139)		
		Mean Temp. < 25						30			05			68(53)		
		Min. Temp. < 25							24	20				28(15)		
	Continue	Max. Temp. < 30							19	25					38	
		Max. Temp. < 25							04	27					55	
		Mean Temp. < 25							19	25					38	
		Min. Temp. < 25							27 - 31						5	
	'15.7 - '16.6 Low Temp. Phenomena		'15	7	8	9	10	11	12	'16	1	2	3	4	5	6
	Genesis	Max. Temp. < 0								19 - 25						7(7)
		Mean Temp. < 0							17			01			76(28)	
		Min. Temp. < 0										15			111(68)	
Frost					31						28			150(54)		
Freezing						26					15			111(74)		
Snow						26				29				96(26)		
Snow Cover					26				26				93(26)			
Continue	Max. Temp. < 0								19 - 25					7		
	Mean Temp. < 0								18 - 26					9		
	Min. Temp. < 0								05 - 16					12		
	Frost									01 - 10				10		
	Freezing								19	10				23		
	Snow									14 - 17				4		
Snow Cover								18 - 29					12			

Element		1	2	3	4	5	6	7	8	9	10	11	12			
(0.1hPa)	Air Press.	Mean Station	10186	10187	10167	10038	10021	9986	9991	9964	10038	10088	10117	10125	10076	
		Mean Sea Level	10230	10230	10211	10136	10116	10080	10084	10057	10133	10185	10216	10227	10159	
		Highest	10329	10344	10294	10248	10260	10148	10169	10116	10213	10294	10328	10327	10344	
		Date	01	25	04	19	14	05	06	05	21	30	29	30	02/25	
		Lowest	10064	9993	10091	9886	9918	9937	9981	9887	9988	9895	10107	10046	9886	
		Date	18	14	18	17	03	24	13	31	01	05	19	22	04/17	
(0.1)	Air Temp.	Mean	18	48	92	143	189	220	253	264	217	172	101	61	148	
		Mean Max.	69	100	144	190	243	260	294	309	309	251	211	149	110	194
		Mean Min.	-23	2	47	97	138	185	220	229	190	140	58	14	108	
		Highest	156	174	216	262	303	313	342	357	300	293	212	174	357	
		Date	03	14	30	22	31	20	29	13	01	03	05	22	08/13	
		Lowest	-114	-48	-40	41	83	124	189	163	156	72	-10	-47	-114	
		Date	24	02	01	12	17	02	22	30	30	24	16	01/24		
(0.1hPa)	Vapor Press.	Mean	36	45	69	108	138	212	280	281	230	164	89	59	143	
		Highest	89	182	174	206	250	293	367	385	304	288	196	191	385	
		Date	17	13	06	17	15	16	30	12	27	03	14	22	08/12	
		Lowest	7	11	11	38	33	92	214	112	133	35	16	9	7	
		Date	12	05	10	18	05	02	15	31	20	30	24	16	01/12	
(0.1) Mean D.P.Temp.		-90	-66	2	76	111	182	228	227	196	138	37	-24	85		
Rel. Humid. (%)	Mean	50	47	58	69	65	82	88	82	89	82	68	59	70		
	Lowest	7	9	6	20	10	31	51	26	39	15	15	10	6		
	Date	12	05	16	25	05	03	08	31	25	30	24	16	03/16		
(0.1mm)	Precip.	00-24h Total	506	324	922	1792	861	701	2269	982	3643	3587	471	881	16939	
		09-09h Total														
	Highest	1 Daily	232	157	385	453	419	384	586	516	1297	2660	217	376	2660	
		Date	29	12	04	07	03	24	01	28	17	05	18	22	10/05	
	6	6 - Hour	138	182	186	458	414	343	571	201	621	2335	208	343	2335	
		Date	29	13	04	07	03	24	01	28	17	05	19	22	10/05	
	1	60 - Minute				100	138	136	411	158	146	1042			1042	
		Date				07	03	24	25	02	03	05			10/05	
	10	10 - Minute				27	43	83	261	84	48	193			261	
		Date				17	03	24	31	02	17	05			07/31	
2	2 - Day	402	301	136	627	198	53	751	540	1487	211	237	586	1487		
	Date	28 - 29	12 - 13	25 - 26	06 - 07	10 - 11	05 - 06	01 - 02	28 - 29	02 - 03	07 - 08	18 - 19	21 - 22	09/02 - 09/03		
3	3 - Day	405		148	339			87	1214	821	1499			682	1499	
	Date	28 - 30		24 - 26	26 - 28			04 - 06	01 - 05	30 - 02	02 - 05			19 - 22	09/02 - 09/05	
(0.1mm)	Evapor.	Small	Total													
			Highest													
	Large	Total														
		Highest														
(0.1%)	Wind	Mean Speed	23	26	21	23	22	17	17	21	19	20	19	21	21	
		Highest Speed	99	96	82	99	98	64	93	82	76	126	65	81	126	
		Highest Dir.	WNW	WSW	SW	SSW	SSE	ENE	SSW	SSW	N	NNW	WNW	WNW	NNW	
		Date	24	28	05	17	03	01	02	31	19	05	24	27	10/05	
		Highest Gust Speed	173	152	125	170	170	99	172	134	120	215	126	145	215	
		Highest Gust Dir.	NW	WNW	WSW	SW	S	E	WSW	N	NE	NNW	WNW	S	NNW	
		Date	19	09	05	17	03	01	02	02	20	05	24	22	10/05	
		Resultant Speed	18	14	4	2	3	1	4	8	12	13	15	16	8	
		Resultant Dir.	NNW	NW	NNE	NW	SSW	SE	S	N	N	N	NNW	NW	NNW	
(0.1)	Cloud Amount	Mean	35	36	47	55	44	64	65	41	76	64	41	38	51	
		Mean Low Mid.	15	21	26	26	19	36	41	31	49	39	24	25	29	
Sunshine	Total(0.1hr)	1942	2181	2037	2073	2701	1813	2089	2772	1121	1398	1770	1815	23712		
	Perc.(0.1%)	623	690	548	527	620	416	471	664	302	400	572	596	532		
(0.01MJ/m) Total Horizontal Radiation																
Snow (0.1cm)	Highest	Snow Depth														
		Date														
		Snowfall														
		Total														
(0.1)	Grass Min. Temp.	Mean	-85	-53	-2	67	100	164	208	219	179	123	34	-15	78	
		Lowest	-148	-106	-86	12	45	78	174	150	143	49	-36	-71	-148	
		Date	24	03	02	12	17	02	22	29	24	30	24	16	01/24	
(0.1)	Mean Soil Temp.	Surface	7	45	98	139	194	238	268	290	219	175	89	42	150	
		0.05m														
		0.1m														
		0.2m														
		0.3m														
		0.5m														
		1.0m														
		1.5m														
		3.0m														
5.0m																
(0.01hr) Dur. of Precip.		4675	2975	7827	10057	4275	5974	7883	4413	16592	7451	6004	5251	83377		
(0.01hr) Dur. of Fog					408			933		225	33	42	170	1811		

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	37	37	55	33	35	42	32	42	45	57	24	23	57
		NE	38	50	54	40	33	32	33	39	40	95	34	17	95
		ENE	20	31	70	49	51	53	44	61	49	47	39	19	70
		E	21	30	65	53	43	55	40	42	41	45	40	15	65
		ESE	27	39	43	36	40	38	29	34	27	29	18	16	43
		SE	27	37	41	40	32	37	26	34	29	23	20	17	41
		SSE	20	37	44	71	91	29	38	26	18	24	32	74	91
		S	19	16	39	70	78	50	55	22	59	41	35	77	78
		SSW	24	35	38	84	72	55	91	69	58	48	34	32	91
		SW	17	56	70	70	61	45	41	60	33	32	30	22	70
		WSW	27	94	60	80	76	32	32	42	12	23	31	39	94
		W	66	56	67	34	54	40	28	42	21	23	38	39	67
		WNW	80	68	36	37	41	32	27	43	29	49	63	74	80
		NW	79	66	46	38	49	37	36	46	33	37	52	56	79
	NNW	67	62	51	59	42	29	29	53	46	114	57	45	114	
	(0.1%)	N	63	43	37	51	45	39	44	50	61	47	36	33	63
	Hourly Occurrence Percentage	CALM	51	30	50	46	85	81	91	50	57	78	140	179	78
		NNE	82	49	89	21	31	33	40	43	58	56	28	20	46
		NE	50	60	85	25	30	44	26	47	51	48	25	8	42
		ENE	16	20	77	47	38	44	67	103	46	95	13	4	48
		E	9	11	39	22	30	35	24	22	21	23	15	3	21
		ESE	9	33	35	28	51	49	38	35	11	9	4	7	26
		SE	3	30	46	106	73	100	81	56	13	5	7	5	44
		SSE	11	16	34	65	81	53	78	20	10	7	7	11	33
		S	3	6	19	38	77	64	65	7	17	13	6	13	27
		SSW	4	20	23	83	69	68	118	34	28	27	14	12	42
		SW	17	37	73	28	28	25	27	16	8	5	10	11	24
WSW		52	78	67	44	28	15	20	22	3	4	11	20	30	
W		103	78	70	35	34	39	48	39	11	13	25	21	43	
WNW	141	125	59	47	50	65	50	39	43	52	82	126	73		
NW	156	177	93	101	117	97	82	169	179	200	221	203	149		
NNW	179	145	83	161	118	92	87	187	251	249	308	279	178		
(0.1%)	N	114	85	60	103	62	96	58	112	193	113	85	78	96	
Number of Days With Classified	Daily Max. Temp.	0.0	2												2
		0.1 ~ 10.0	25	18	3								5	12	63
		10.1 ~ 20.0	4	11	25	18	4	1			1	12	22	19	117
		20.1 ~ 30.0			3	12	26	26	18	7	29	19	3		143
	Daily Mean Temp.	30.1					1	3	13	24					41
		-5.0	1												1
		-4.9 ~ 0.0	6	1											7
		0.1 ~ 10.0	24	26	18	1							14	27	110
	Daily Min. Temp.	10.1 ~ 20.0		2	13	29	22	5		1	5	26	16	4	123
		20.1					9	25	31	30	25	5			125
		-15.0													
		-14.9 ~ -5.0	7		5									3	10
	Daily Precip.	-4.9 ~ 0.0	14	20										10	52
		0.1 ~ 10.0	10	8	24	16	1					2	22	21	104
		10.1		1	2	14	30	30	31	31	30	29	5	5	203
		0.1mm	5	3	8	11	6	12	13	8	17	10	8	6	107
	60 - Minute Max. Precip.	10.0mm	2	2	3	7	4	1	6	3	7	3	2	3	43
		30.0mm			1	2	1	1	3	1	3	2	1	1	15
		80.0mm									2	1			3
		100.0mm									1	1			2
10 - Minute Max. Precip.	1.0mm				10	4	7	10	6	11	6			54	
	6.0mm				3	2	3	6	2	3	3			22	
	10.0mm				1	1	1	4	2	3	3			15	
	20.0mm							3		2	2			5	
Daily Max. New Snowfall	30.0mm							2		1				3	
	0.1mm				11	6	12	13	8	17	10			77	
	1.0mm				8	4	3	8	4	11	4			42	
	5.0mm						3	4	1		3			11	
Daily Max. Snow Depth	10.0mm							3			1			4	
	0.1cm														
	5.0cm														
	10.0cm														
Daily Min. Rel. Humid.	30.0cm														
	20%	11	13	13	1	2					1	3	6	50	
	21 ~ 30%	12	7	4	11	8			1			4	8	55	
	31 ~ 40%	4	6	5	6	7	4			1	2	9	4	48	
Daily Max. Wind speed	41 ~ 50%	1	1	4	4	8	5		2	3	4	5	3	40	
	51 ~ 70%	1		4	3	5	10	17	24	7	18	5	8	102	
	71%	2	2	1	5	1	11	14	4	19	6	4	2	71	
	0.5 ~ 3.3%	4		1	1	5	10	8	4	11	6	4	2	56	
Daily Max. Wind speed	3.4 ~ 7.9%	24	25	28	27	23	20	22	26	19	24	26	27	291	
	8.0 ~ 13.8%	3	4	2	2	3		1	1		1		2	19	
	13.9%														

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Number of Days With Phenomena	Snow	2												2		
	Sleet															
	Snow Pellet															
	Hail															
	Fog													12		
	Frost	4	1	1	3			4			1	1	1	2	9	
	Freezing	24	19	5										2	12	62
	Haze	3	2	1	2	3	4	1			1	1	5	6	29	
	Yellow Sand													6		
	Thunder Storm													14		
	Sunshine (0%)	4	1	4	4	1	4	3	2	6	5	1	2	37		
	< 20%	6	3	6	8	4	10	6	2	16	10	8	7	86		
	80%	17	15	13	11	12	5	5	15	4	4	12	13	126		
	Cloud Amount	15	13	10	6	10	3	1	9	1			11	13	92	
2.5 ~ 5.4	8	7	8	7	8	9	12	12	5	12	9	9	106			
5.5 ~ 7.4	5	6	5	7	8	4	7	7	8	5	4	4	70			
7.5	3	3	8	10	5	14	11	3	17	13	6	5	98			
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10231	10229	10224	10144	10096	10109	10097	10090	10085	10154	10222	10213		
		2nd	10197	10195	10205	10147	10156	10056	10058	10050	10147	10204	10194	10235		
		3rd	10259	10270	10204	10116	10098	10075	10097	10032	10167	10194	10233	10232		
	Mean Temp. (0.1)	1st	44	30	87	139	185	202	243	269	232	196	103	71		
		2nd	11	66	85	141	174	233	243	284	213	174	133	60		
		3rd	1	50	104	150	208	226	271	241	205	147	67	54		
	Mean Max.Temp. (0.1)	1st	105	82	137	187	231	238	283	318	270	235	152	127		
		2nd	61	119	135	184	235	278	280	329	243	220	186	108		
		3rd	43	98	160	200	261	264	317	283	240	181	108	96		
	Mean Min.Temp. (0.1)	1st	- 1	- 16	41	92	140	168	210	234	206	167	58	16		
		2nd	- 28	16	41	94	114	193	216	247	189	139	87	16		
		3rd	- 39	6	59	104	158	194	232	209	175	116	30	11		
	Mean D.P.Temp. (0.1)	1st	- 68	- 115	- 1	80	89	160	224	245	214	168	40	- 44		
		2nd	- 103	- 19	- 14	65	104	194	220	246	192	142	78	- 16		
		3rd	- 97	- 65	19	82	137	192	240	193	181	107	- 8	- 13		
	Mean Vapor Press (0.1hPa)	1st	40	27	73	110	122	186	273	307	256	198	88	48		
		2nd	32	66	62	101	130	226	264	310	225	164	113	62		
		3rd	36	42	72	112	159	224	300	231	211	133	66	65		
	Mean Rel. Humid. (%)	1st	48	36	61	73	60	80	91	88	91	85	68	47		
		2nd	47	59	54	65	68	81	88	81	89	83	73	63		
		3rd	54	46	60	69	67	83	84	77	87	79	63	65		
	Mean Wind Speed (0.1m/s)	1st	19	25	21	20	28	18	17	15	17	23	19	19		
		2nd	26	25	21	26	20	18	17	18	23	16	16	19		
		3rd	25	27	21	24	18	17	19	28	16	22	23	23		
Total Precip. (0.1mm)	1st	507 726 614 171 1215 343 1579 2884 60														
	2nd	101	301	267	427	134	117	142	63	1676	600	237	96			
	3rd	405	23	148	639	113	413	912	576	388	103	174	785			
Total Evaporation (0.1mm)	1st															
	2nd															
	3rd															
Total Sunshine (0.1hr)	1st	738	904	574	604	686	644	478	893	361	502	618	712			
	2nd	649	630	686	771	1030	645	593	1061	389	600	650	515			
	3rd	555	647	777	698	985	524	1018	818	371	296	502	588			
Mean Cloud Amount (0.1)	1st	26	15	45	61	55	64	80	39	77	66	38	20			
	2nd	33	52	44	51	31	63	71	28	78	57	41	42			
	3rd	45	41	51	53	47	66	46	53	72	69	45	50			
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 30	31												94(44)	
		Max. Temp. < 25	22												179(116)	
		Mean Temp. < 25	19												75(44)	
		Min. Temp. < 25	27 21												26(11)	
	Continue	Max. Temp. < 30	24 22												30	
		Max. Temp. < 25	17 27												42	
		Mean Temp. < 25	03 - 25												23	
		Min. Temp. < 25	11 - 15												5	
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6		
	Genesis	Max. Temp. < 0	19 - 24												6(2)	
		Mean Temp. < 0	19												28(8)	
		Min. Temp. < 0	17 07												90(52)	
Frost		15												100(10)		
Freezing		27												110(60)		
Snow		26												96(5)		
Continue	Snow Cover													(0)		
	Max. Temp. < 0	24 - 24												1		
	Mean Temp. < 0	19 - 25												7		
	Min. Temp. < 0	18 - 28												11		
	Frost	30 - 31												2		
	Freezing	18 - 28												11		
Snow	29 - 29												1			
Snow Cover																

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10187	10187	10163	10093	10077	10039	10043	10014	10087	10139	10174	10187	10116
		Mean Sea Level	10234	10233	10209	10137	10120	10081	10085	10056	10130	10183	10219	10233	10160
		Highest	10334	10356	10296	10248	10251	10142	10160	10114	10213	10301	10331	10329	10356
		Date	01	25	01	19	14	10	07	05	21	30	29	30	02/25
		Lowest	10079	10006	10087	9924	9938	9948	9989	9906	10003	9885	10117	10064	9885
	Date	18	14	18	17	03	24	14	30	01	05	19	22	10/05	
(0.1)	Air Temp.	Mean	6	41	89	147	194	225	263	273	222	174	98	54	149
		Mean Max.	51	92	140	199	251	270	307	326	260	213	142	101	196
		Mean Min.	-31	-4	47	104	145	192	231	235	194	144	57	12	111
		Highest	140	160	220	273	313	312	367	366	303	291	210	189	367
		Date	03	13	30	14	30	17	31	14	01	03	05	22	07/31
		Lowest	-126	-61	-55	63	103	143	206	179	148	76	-17	-41	-126
	Date	24	02	01	12	17	02	23	28	21	31	24	16	01/24	
(0.1hPa)	Vapor Press.	Mean	34	42	70	107	142	217	295	281	225	155	80	52	142
		Highest	92	172	168	204	243	315	385	396	311	300	170	197	396
		Date	03	13	06	17	15	20	29	01	27	03	19	22	08/01
		Lowest	6	12	12	31	26	102	217	118	123	28	12	10	6
		Date	24	09	10	18	04	02	15	31	20	30	15	30	01/24
(0.1) Mean D.P.Temp.		-95	-73	4	74	115	185	237	226	191	128	20	-40	81	
Rel. Humid. (%)	Mean	50	46	59	66	64	80	87	77	84	76	62	55	67	
	Lowest	7	9	15	12	8	29	48	25	42	20	6	8	6	
	Date	22	10	28	19	04	02	14	31	20	30	16	30	11/16	
(0.1mm)	Precip.	00~24h Total	405	732	816	2630	1237	1088	1818	1100	5227	2158	351	1368	18930
		09~09h Total													
	Highest	1 Daily	236	508	323	776	702	582	691	370	1600	1354	231	617	1600
		Date	28	12	04	16	03	24	01	02	17	05	18	22	09/17
	6	6 - Hour	179	319	261	757	636	514	506	369	1085	1165	206	751	1165
		Date	29	13	04	16	03	24	01	02	03	05	19	22	10/05
	1	60 - Minute				225	230	242	229	331	481	751			751
		Date				16	03	24	02	01	03	05			10/05
	10	10 - Minute				52	53	120	117	120	112	209			209
		Date				16	03	24	02	01	03	05			10/05
2	2 - Day	386	697	359	852	233	191	1003	713	2861	1362	239	1082	2861	
	Date	28 - 29	12 - 13	04 - 05	16 - 17	10 - 11	19 - 20	01 - 02	01 - 02	02 - 03	04 - 05	18 - 19	21 - 22	09/02 - 09/03	
3	3 - Day			418	412		367	1659		1721	541		1170	1721	
	Date			04 - 06	26 - 28		18 - 22	01 - 06		16 - 18	26 - 02		19 - 22	09/16 - 09/18	
(0.1mm)	Evapor.	Small	Total												
			Highest												
	Large	Total													
		Highest													
(0.1%)	Wind	Mean Speed	19	19	17	17	17	15	14	14	11	14	16	18	16
		Highest Speed	83	73	85	81	79	59	70	68	55	129	78	86	129
		Highest Dir.	NNE	NE	S	S	SSE	SSE	S	NNE	ESE	NE	NNE	SSE	NE
		Date	22	02	05	17	03	02	01	01	08	05	24	22	10/05
		Highest Gust Speed	171	131	169	202	164	89	133	125	98	238	136	187	238
		Highest Gust Dir.	W	WNW	S	SW	S	NNE	SW	WSW	NE	SW	NNE	SSE	SW
		Date	19	29	05	17	03	05	01	31	20	05	24	22	10/05
		Resultant Speed	9	3	4	5	7	8	10	4	4	8	9	9	3
		Resultant Dir.	N	NNW	ESE	SE	SSE	SE	SSE	ESE	NE	NE	NNE	N	ENE
(0.1)	Cloud Amount	36	34	49	55	49	68	65	36	72	63	40	36	50	
	Mean Low Mid.	18	20	27	28	20	42	44	28	46	37	25	23	30	
Sunshine	Total(0.1hr)	1855	2057	2057	1969	2482	1641	2036	2702	1056	1245	1639	1892	22631	
	Perc.(0.1%)	593	650	553	501	571	378	461	648	284	355	529	620	507	
(0.01MJ/m) Total Horizontal Radiation		31183	40475	49427	54748	67096	55870	57939	64299	35905	34422	30842	29509	551715	
Snow (0.1cm)	Highest	Snow Depth	3											3	
		Date	24												01/24
		Snowfall	3												3
		Date	24												01/24
(0.1)	Grass Min. Temp.	Mean	-60	-40	14	73	112	171	219	223	183	125	28	-20	86
		Lowest	-125	-75	-76	26	58	93	186	159	124	38	-28	-67	-125
(0.1)	Mean Soil Temp.	Date	25	26	01	01	17	02	23	30	21	30	28	17	01/25
		Surface	11	44	99	157	216	256	292	318	240	187	93	38	163
		0.05m													
		Underground													
		0.1m													
		"													
		0.2m													
		"													
		0.3m													
		"													
0.5m															
"															
1.0m															
"															
1.5m															
"															
3.0m															
"															
5.0m															
	(0.01hr) Dur. of Precip.	5142	3728	8495	12305	7483	9074	11069	4255	14110	8381	4747	5778	94567	
	(0.01hr) Dur. of Fog		118	453				333				522	1426		

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	77	57	50	34	36	32	29	68	35	44	74	61	77
		NE	64	65	52	41	46	41	34	38	51	112	66	61	112
		ENE	30	31	33	21	26	43	18	34	30	44	40	29	44
		E	35	29	40	25	15	35	23	24	12	22	28	19	40
		ESE	41	44	53	56	49	46	53	43	38	49	40	34	56
		SE	30	37	49	50	64	54	46	45	38	36	31	47	64
		SSE	20	43	49	62	55	50	54	46	50	29	33	62	62
		S	29	53	60	63	63	51	56	41	40	34	27	58	63
		SSW	31	55	55	37	49	41	43	30	42	22	28	54	55
		SW	30	41	37	41	43	32	25	50	14	20	21	26	50
		WSW	31	35	27	58	39	24	18	43	24	77	34	34	77
		W	54	42	20	43	44	14	8	24	13	17	29	41	54
		WNW	59	48	18	35	48	22	5	22	19	80	27	40	80
		NW	43	46	32	40	30	15	8	24	15	16	32	58	58
	NNW	35	24	38	27	18	11	9	17	22	23	35	33	38	
	(0.1%)	N	44	40	29	33	38	17	18	15	31	42	49	43	49
	Hourly Occurrence Percentage	CALM	87	93	171	176	179	249	328	224	254	169	118	99	179
		NNE	129	79	87	76	51	56	22	112	125	168	157	149	101
		NE	162	129	108	64	59	61	30	103	164	199	144	113	111
		ENE	27	24	24	18	28	22	5	43	42	58	32	16	28
		E	20	13	15	24	15	13	8	19	10	17	19	8	15
		ESE	12	27	38	53	59	61	52	44	8	13	7	8	32
		SE	12	16	48	69	112	107	108	59	25	24	24	9	51
		SSE	13	32	97	92	113	136	175	78	49	16	21	13	70
		S	28	47	87	90	73	78	133	52	47	28	29	21	60
		SSW	35	56	62	43	48	57	43	36	24	27	28	31	41
		SW	35	57	50	36	50	49	27	40	10	16	42	32	37
		WSW	50	82	38	56	60	33	38	63	46	24	46	50	49
W		74	115	46	67	39	33	17	48	25	42	68	97	56	
WNW		85	82	23	22	27	10	3	23	19	28	33	74	36	
NW	62	55	20	26	24	6	1	7	14	16	44	75	29		
NNW	67	40	36	36	27	10	3	15	51	67	65	78	41		
(0.1%)	N	102	52	51	51	36	21	8	32	88	86	122	126	65	
Number of Days With Classified	Daily Max. Temp.	0.0	3												3
		0.1 ~ 10.0	26	18	6								5	18	73
		10.1 ~ 20.0	2	11	23	15	2				1	12	24	13	103
		20.1 ~ 30.0			2	15	27	27	13	5	28	19	1		137
	Daily Mean Temp.	30.1					2	3	18	26	1				50
		-5.0	2												2
		-4.9 ~ 0.0	7	4										1	12
		0.1 ~ 10.0	22	23	19						1	5	14	29	108
	Daily Min. Temp.	10.1 ~ 20.0		2	12	30	19	3		1	5	25	16	1	114
		20.1					12	27	31	30	25	5			130
		-15.0													
		-14.9 ~ -5.0	8	1	1										10
	Daily Precip.	-4.9 ~ 0.0	17	18	3								1	13	52
		0.1 ~ 10.0	6	9	26	12						2	24	18	97
		10.1	1	1	18	31	30	30	31	31	30	29	5	5	207
		0.1mm	5	4	7	12	8	12	10	5	13	9	5	6	96
	60 - Minute Max. Precip.	10.0mm	2	2	2	7	3	2	5	3	6	3	1	3	39
		30.0mm		1	1	4	1	1	2	3	2	2		2	20
		80.0mm									3	1			4
		100.0mm									3	1			4
	10 - Minute Max. Precip.	1.0mm				11	6	9	9	4	10	7			56
		6.0mm				6	2	2	5	2	5	3			25
		10.0mm				2	1	2	3	2	3	2			15
		20.0mm				1	1	1	2	2	3	1			11
Daily Max. New Snowfall	30.0mm									1	1	1		3	
	0.1mm				12	8	12	10	5	13	9			69	
	1.0mm				8	3	5	7	3	8	5			39	
	5.0mm				1	1	1	4	2	3	1			13	
Daily Max. Snow Depth	10.0mm									1	1	1		5	
	0.1cm	1												1	
	5.0cm														
	10.0cm														
Daily Min. Rel. Humid.	30.0cm														
	0.1cm														
	5.0cm														
	10.0cm														
Daily Max. Wind speed	20%	8	11	7	5	3					1	7	7	49	
	21 ~ 30%	8	9	8	8	6	1		1			3	7	51	
	31 ~ 40%	7	5	6	6	9	1				4	5	5	48	
	41 ~ 50%	3	1	3	1	4	6	1	5	2	4	6	5	41	
Daily Max. Wind speed	51 ~ 70%	4	2	4	7	6	13	19	21	16	17	7	6	122	
	71%	1	1	3	3	3	9	11	4	12	5	2	1	55	
	0.5 ~ 3.3%	6		3	4	3	6	4	2	17	10	10	6	71	
	3.4 ~ 7.9%	24	29	27	25	28	24	27	29	13	20	20	24	290	
Daily Max. Wind speed	8.0 ~ 13.8%														
	13.9%	1		1	1							1		5	

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Number of Days With Phenomena	Snow	2	2											4		
	Sleet	1												1		
	Snow Pellet	1												1		
	Hail															
	Fog		1	2					2				3	8		
	Frost	3		1									3	7		
	Freezing	20	18	6									2	12	58	
	Haze	10	3	8	3	3						2	3	6	38	
	Yellow Sand				3	2									5	
	Thunder Storm							2	5	4	2				13	
	Sunshine (0%)	3	2	5	5	3	6	5	2	9	7	0	3		50	
	< 20%	8	3	6	10	5	11	8	2	18	11	6	7		95	
	80%	10	14	11	8	11	3	4	14	5	3	9	14		106	
	Cloud Amount															
2.4	13	15	8	6	8	3	1	13	1	3	12	14		97		
2.5 ~ 5.4	12	6	9	9	7	5	10	10	9	10	6	11		104		
5.5 ~ 7.4	3	5	7	3	10	7	11	5	4	6	8			69		
7.5	3	3	7	12	6	15	9	3	16	12	4	6		96		
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10235	10233	10222	10146	10104	10106	10098	10089	10083	10152	10224	10220		
		2nd	10201	10199	10203	10150	10157	10060	10056	10050	10142	10203	10196	10241		
		3rd	10262	10273	10202	10116	10100	10078	10100	10032	10165	10192	10238	10239		
	Mean Temp. (0.1)	1st	34	19	81	141	182	212	250	277	237	201	103	67		
		2nd	0	60	82	144	184	236	255	293	219	176	128	50		
		3rd	-13	44	103	155	214	229	281	251	210	149	64	47		
	Mean Max.Temp. (0.1)	1st	84	69	128	198	230	260	287	333	279	244	149	119		
		2nd	43	111	130	191	249	284	295	347	254	220	175	93		
		3rd	28	96	159	208	273	266	335	302	248	180	103	92		
	Mean Min.Temp. (0.1)	1st	-6	-24	39	99	140	173	221	240	210	170	57	21		
		2nd	-34	13	41	98	126	202	227	256	193	141	87	10		
		3rd	-51	-1	59	113	167	199	245	213	181	122	28	7		
	Mean D.P.Temp. (0.1)	1st	-59	-119	4	82	98	155	234	247	211	164	26	-43		
		2nd	-113	-25	-16	58	103	201	226	248	184	133	59	-42		
		3rd	-112	-74	24	83	143	199	249	188	179	92	-25	-34		
	Mean Vapor Press (0.1hPa)	1st	42	25	75	110	129	181	288	311	252	194	80	49		
		2nd	29	61	61	97	129	238	276	314	215	154	102	51		
		3rd	31	38	75	113	165	233	318	222	208	120	57	56		
Mean Rel. Humid. (%)	1st	53	37	63	71	64	73	91	85	87	81	62	49			
	2nd	45	57	53	61	63	83	85	78	82	78	69	55			
	3rd	52	44	61	66	66	85	84	70	83	70	57	59			
Mean Wind Speed (0.1m/s)	1st	15	21	17	14	20	16	13	13	11	15	16	16			
	2nd	21	18	17	20	17	17	11	13	13	11	12	16			
	3rd	21	19	17	17	14	12	16	17	10	16	21	21			
Total Precip. (0.1mm)	1st	4		517	857	992	69	1659	713	2919	1699	0				
	2nd	13	697	288	1028	27	250	122	6	1799	406	314	88			
	3rd	388	35	11	745	218	769	37	381	509	53	37	1280			
Total Evaporation (0.1mm)	1st															
	2nd															
	3rd															
Total Sunshine (0.1hr)	1st	675	879	550	623	599	617	373	898	310	482	618	685			
	2nd	626	575	692	697	938	577	625	998	403	482	527	589			
	3rd	554	603	815	649	945	447	1038	806	343	281	494	618			
Mean Cloud Amount (0.1)	1st	24	7	51	60	62	60	79	37	71	62	30	23			
	2nd	33	53	48	51	36	71	67	26	70	58	46	38			
	3rd	50	42	48	55	50	74	50	45	74	68	44	45			
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 30					30				01			95(50)		
		Max. Temp. < 25				14					06			176(127)		
		Mean Temp. < 25						16			03			110(52)		
		Min. Temp. < 25							25	20				27(16)		
	Continue	Max. Temp. < 30								24	25				33	
		Max. Temp. < 25								17	27				42	
		Mean Temp. < 25								23	25				34	
		Min. Temp. < 25							25 - 31						7	
	'15.7 - '16.6 Low Temp. Phenomena		'15	7	8	9	10	11	12	'16	1	2	3	4	5	6
	Genesis	Max. Temp. < 0								19 - 24						6(3)
		Mean Temp. < 0							17		15					61(15)
		Min. Temp. < 0					26					12				108(60)
Frost							07				03				88(7)	
Freezing						26					12				108(56)	
Snow						26				29					96(6)	
Continue	Snow Cover								24						1(1)	
	Max. Temp. < 0								19 - 20						2	
	Mean Temp. < 0								19 - 26						8	
	Min. Temp. < 0								18 - 28						11	
	Frost								02 - 03						2	
	Freezing								18 - 28						11	
Snow									29 - 29					1		
Snow Cover								24 - 24						1		

Element		1	2	3	4	5	6	7	8	9	10	11	12			
(0.1hPa)	Air Press.	Mean Station	10162	10161	10130	10053	10039	9999	10000	9979	10045	10101	10142	10161	10081	
		Mean Sea Level	10254	10252	10219	10138	10123	10081	10082	10060	10128	10186	10231	10252	10167	
		Highest	10353	10375	10313	10248	10238	10141	10157	10117	10219	10317	10346	10353	10375	
		Date	01	25	01	19	14	06	06	01	21	30	29	30	02/25	
		Lowest	10119	10023	10086	9943	9941	9964	9991	9941	10004	9993	10121	10094	10094	9941
	Date	18	13	18	16	03	24	16	30	01	05	19	22	08/30		
(0.1)	Air Temp.	Mean	9	33	84	155	198	230	269	278	230	172	96	47	150	
		Mean Max.	49	82	147	219	260	276	311	331	276	215	146	94	201	
		Mean Min.	- 21	- 10	34	105	143	195	237	238	196	136	53	7	109	
		Highest	137	198	229	274	311	315	360	372	330	311	219	173	372	
		Date	03	13	30	25	18	19	31	12	04	04	06	22	08/12	
		Lowest	- 117	- 59	- 43	71	100	147	201	166	156	59	- 5	- 46	- 117	
	Date	24	03	01	05	16	05	18	29	21	30	24	28	01/24		
(0.1hPa)	Vapor Press.	Mean	46	50	68	111	144	221	295	291	230	159	87	62	147	
		Highest	99	190	176	208	244	293	378	374	326	313	189	194	378	
		Date	03	13	05	13	15	23	28	08	05	03	14	22	07/28	
		Lowest	16	20	19	25	36	121	220	152	119	32	21	17	16	
		Date	24	25	12	05	07	02	15	31	20	30	09	11	01/24	
(0.1) Mean D.P.Temp.		- 46	- 44	0	78	119	189	237	233	195	131	35	- 10	93		
Rel. Humid. (%)	Mean	69	60	60	66	65	80	84	79	83	79	69	69	72		
	Lowest	23	16	13	11	12	33	46	36	35	16	15	13	11		
	Date	22	10	22	05	07	02	09	21	20	30	16	11	04/05		
(0.1mm)	Precip.	00-24h Total	497	452	552	1850	1045	1161	3013	810	2512	2167	315	449	14823	
		09-09h Total														
	Highest	1 Daily	115	233	222	436	244	601	706	214	1229	653	73	116	1229	
		Date	28	12	05	27	10	24	03	26	17	05	18	26	09/17	
	6 6 - Hour		81	126	186	292	217	533	636	195	969	478	69	123	969	
		Date	28	12	05	16	24	24	03	26	17	05	19	22	09/17	
	1 60 - Minute					98	67	189	279	151	459	157			459	
		Date				06	24	24	03	08	17	16			09/17	
	10 10 - Minute					32	19	82	155	74	128	64			155	
		Date				16	15	24	06	08	17	16			07/06	
2 2 - Day		214	332	402	549	368	198	1155	253	1408	707	85	198	1408		
	Date	28 - 29	12 - 13	04 - 05	26 - 27	02 - 03	19 - 20	02 - 03	26 - 27	16 - 17	04 - 05	18 - 19	21 - 22	09/16 - 09/17		
3 3 - Day		144	384	403	639			2625	316	1524	1463			2625		
	Date	17 - 19	12 - 16	04 - 06	26 - 28			01 - 07	26 - 28	16 - 18	26 - 05			21 - 23	07/01 - 07/07	
(0.1mm)	Evapor.	Small	Total													
			Highest													
	Large	Total														
		Highest														
(0.1%)	Wind	Mean Speed	15	18	17	18	18	16	19	14	15	15	15	15		
		Highest Speed	67	102	75	124	89	65	95	71	71	92	57	80	124	
		Highest Dir.	W	WSW	SW	SW	W	SSW	SW	W	NE	NE	NNE	WSW	SW	
		Date	13	28	29	16	03	15	01	31	19	05	08	22	04/16	
		Highest Gust Speed	116	171	128	205	168	105	164	153	118	193	115	137	205	
		Highest Gust Dir.	WSW	W	S	SW	W	S	SSW	W	NNE	NE	NE	SW	SW	
		Date	13	28	05	17	03	15	01	31	19	05	24	22	04/17	
		Resultant Speed	9	6	4	6	7	6	12	3	6	9	9	8	2	
		Resultant Dir.	NNE	NW	NW	WSW	SW	SW	SSW	N	NE	NE	NNE	NNE	NNW	
(0.1)	Cloud Amount	60	45	41	58	52	70	66	41	68	67	46	51	55		
	Mean Low Mid.	47	35	20	30	24	47	42	32	41	47	30	40	36		
Sunshine	Total(0.1hr)	1451	1789	2294	2009	2568	1384	1937	2363	1351	1056	1738	1502	21442		
	Perc.(0.1%)	464	565	617	511	591	319	438	567	363	302	561	492	481		
(0.01MJ/m) Total Horizontal Radiation		24483	34822	52095	54164	68160	50522	57017	59206	40867	31854	29700	24172	527062		
(0.1cm)	Snow	Snow Depth	257	60	18									16	257	
		Date	25	16	01										15	01/25
		Snowfall	135	56											16	135
		Date	24	15											15	01/24
		Total	528	103											19	650
(0.1)	Grass Min. Temp.	Mean	- 38	- 42	- 8	68	111	172	220	223	167	100	5	- 48	78	
		Lowest	- 82	- 92	- 67	14	58	117	181	148	114	20	- 57	- 96	- 96	
		Date	12	07	12	01	08	05	18	30	21	30	29	28	12/28	
(0.1)	Mean Soil Temp.	Surface	8	24	90	170	232	267	307	318	251	178	87	29	163	
		0.05m Underground														
		0.1m "														
		0.2m "														
		0.3m "														
		0.5m "														
		1.0m "														
		1.5m "														
3.0m "																
5.0m "																
(0.01hr) Dur. of Precip.		15302	11554	5405	11497	9031	8019	8584	4830	11365	10286	6049	9008	110930		
(0.01hr) Dur. of Fog					260						200	724	47	1231		

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	42	37	45	37	44	26	24	43	28	58	57	53	58
		NE	49	35	64	75	34	53	30	40	68	83	50	38	83
		ENE	45	31	26	51	31	30	21	39	39	35	44	40	51
		E	11	15	16	14	20	15	13	24	17	34	14	13	34
		ESE	12	12	13	21	23	16	9	15	18	14	13	21	23
		SE	12	45	13	37	23	10	14	14	12	17	8	8	45
		SSE	8	65	59	73	59	36	41	33	28	34	14	14	73
		S	17	58	53	73	75	54	46	33	47	47	32	43	75
		SSW	17	47	42	54	56	48	83	53	59	45	33	51	83
		SW	22	72	62	108	49	44	76	42	52	25	30	73	108
		WSW	49	92	57	96	66	46	42	55	30	35	25	80	96
		W	44	50	28	83	66	44	37	67	22	18	27	36	83
		WNW	42	33	29	35	24	23	22	36	26	19	26	34	42
		NW	34	39	36	28	27	23	23	40	24	26	34	32	40
	NNW	31	34	30	21	24	30	21	30	15	29	32	35	35	
	(0.1%)	N	31	40	31	22	23	21	23	32	16	27	26	39	40
	Hourly Occurrence Percentage	CALM	128	92	109	96	120	82	90	128	104	130	138	152	114
		NNE	183	187	142	72	70	51	52	112	101	181	207	199	130
		NE	215	102	144	118	86	110	47	121	286	286	206	170	158
		ENE	67	37	44	33	36	44	30	83	111	69	75	71	59
		E	7	3	5	13	8	18	15	43	31	26	14	21	17
		ESE	13	4	7	7	9	10	4	26	19	7	14	12	11
		SE	3	4	8	4	1	10	11	12	17	11	7	8	8
		SSE	3	13	22	22	26	25	35	30	18	13	11	7	19
		S	15	40	27	54	126	86	134	28	25	42	25	13	51
		SSW	13	27	36	81	93	139	180	58	61	27	36	32	65
		SW	34	52	85	124	85	142	176	65	58	27	25	28	75
WSW		72	95	129	169	125	113	94	71	49	22	53	38	86	
W		62	66	79	82	75	54	38	50	31	23	46	64	56	
WNW	58	68	50	56	42	43	39	59	19	28	31	52	45		
NW	50	83	47	31	43	31	30	44	32	27	26	35	40		
NNW	34	57	27	21	27	15	17	38	19	30	36	40	30		
(0.1%)	N	46	69	39	18	28	28	8	34	18	52	51	56	37	
Number of Days With Classified	Daily Max. Temp.	0.0	5												5
		0.1 ~ 10.0	23	21	6								5	15	70
		10.1 ~ 20.0	3	8	23	8	3				1	12	21	16	95
		20.1 ~ 30.0			2	22	25	24	9	6	20	18	4		130
		30.1					3	6	22	25	9	1			66
	Daily Mean Temp.	-5.0	3												3
		-4.9 ~ 0.0	8	8	1									2	19
		0.1 ~ 10.0	20	18	19						1	1	16	26	100
		10.1 ~ 20.0		3	11	30	17	1			1	24	14	3	104
		20.1					14	29	31	31	29	6			140
	Daily Min. Temp.	-15.0													
		-14.9 ~ -5.0	7	3											10
		-4.9 ~ 0.0	15	18	6								1	17	57
		0.1 ~ 10.0	9	7	23	12	1					3	26	14	95
		10.1		1	2	18	30	30	31	31	30	28	3	3	204
	Daily Precip.	0.1mm	11	8	5	13	8	9	12	14	13	13	9	11	126
		10.0mm	1	1	2	7	5	4	7	3	5	6		2	43
		30.0mm				2		1	4			3	3		13
		80.0mm									1				1
		100.0mm									1				1
60 - Minute Max. Precip.	1.0mm				8	7	6	10	8	10	11			60	
	6.0mm				3	3	3	7	2	4	5			27	
	10.0mm						1	6	1	3	3			14	
	20.0mm							4		2				6	
	30.0mm									1				1	
10 - Minute Max. Precip.	0.1mm				13	8	9	12	14	13	13			82	
	1.0mm				7	6	5	8	6	6	8			46	
	5.0mm						1	5	1	2	1			10	
	10.0mm													4	
										1				2	
Daily Max. New Snowfall	0.1cm	8	3										2	13	
	5.0cm	4	1											5	
	10.0cm	2												2	
	30.0cm														
Daily Max. Snow Depth	0.1cm	15	3	1									3	22	
	5.0cm	10	2											12	
	10.0cm	6												6	
	20.0cm	2												2	
	30.0cm														
Daily Min. Rel. Humid.	20%		3	5	5	5					1	3	3	25	
	21 ~ 30%	4	12	13	13	7						2	2	53	
	31 ~ 40%	8	5	8	1	11	5			5	3	4	7	62	
	41 ~ 50%	10	5	3	3	2	7	1	9	9	8	8	9	74	
	51 ~ 70%	8	3		5	5	12	21	16	11	11	8	9	109	
71%	1	1	2	3	1	6	9	1	7	7	2	3	43		
Daily Max. Wind speed	0.5 ~ 3.3%	12	7	7	5	10	8	6	11	14	14	9	11	114	
	3.4 ~ 7.9%	19	21	24	23	20	22	22	20	16	16	21	19	243	
	8.0 ~ 13.8%		1		2	1			3				1	9	
	13.9%														

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow	11	8	1										4	24
	Sleet		1											1	2
	Snow Pellet		1											1	2
	Hail														
	Fog					1						3	3	1	8
	Frost	6	10	7									6	13	42
	Freezing	23	22	6									5	19	75
	Haze	11	6	6	5	3	3				1		4	3	42
	Yellow Sand				5	1									6
	Thunder Storm			1					7	4	2			1	15
	Sunshine (0%)	4	1	3	4	2	3	3	3	1	6	4	5	3	39
	< 20%	8	6	6	8	4	13	8	4	12	14	8	9	9	100
	80%	2	10	15	7	12	1	4	8	3	3	13	8	8	86
	Cloud Amount														
2.4		10	10	6	6	2			8	1	2	11	5	61	
2.5 ~ 5.4		17	8	11	7	8	8	12	14	7	7	7	13	119	
5.5 ~ 7.4		6	4	5	4	11	5	7	4	10	7	6	4	73	
7.5		8	7	5	13	6	15	12	5	12	15	6	9	113	
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10253	10256	10232	10149	10107	10104	10092	10088	10083	10156	10235	10241	
		2nd	10224	10211	10212	10149	10157	10061	10056	10054	10140	10207	10201	10254	
		3rd	10282	10293	10214	10118	10105	10078	10097	10039	10163	10195	10256	10259	
	Mean Temp. (0.1)	1st	39	9	76	148	177	218	257	285	246	198	102	53	
		2nd	5	58	78	152	196	236	257	295	225	174	127	52	
		3rd	-13	32	97	165	219	236	292	256	220	148	59	38	
	Mean Max.Temp. (0.1)	1st	85	61	132	218	231	268	292	337	298	240	160	106	
		2nd	45	106	138	211	265	283	298	352	267	224	178	97	
		3rd	20	80	170	227	281	277	339	307	264	185	102	82	
	Mean Min.Temp. (0.1)	1st	5	-36	33	95	127	179	230	249	210	165	54	7	
		2nd	-23	13	27	104	132	202	224	253	193	133	83	13	
		3rd	-42	-6	41	116	167	206	255	214	186	113	23	2	
	Mean D.P.Temp. (0.1)	1st	-23	-78	11	60	106	169	242	251	208	164	41	-13	
		2nd	-53	-2	-9	83	116	196	223	247	193	133	75	-6	
		3rd	-59	-55	-2	90	135	202	246	206	184	99	-12	-11	
	Mean Vapor Press (0.1hPa)	1st	54	35	77	99	134	193	302	318	248	198	89	59	
		2nd	43	70	64	114	139	230	271	311	228	155	111	65	
		3rd	43	44	63	120	157	238	311	248	215	128	61	63	
	Mean Rel. Humid. (%)	1st	66	55	67	62	68	76	92	83	82	83	69	65	
		2nd	68	69	58	67	65	81	83	77	85	80	74	69	
3rd		73	55	54	68	63	83	78	77	82	75	63	73		
Mean Wind Speed (0.1m/s)	1st	13	16	19	16	24	14	20	11	15	18	16	13		
	2nd	17	20	16	21	17	17	16	11	20	9	12	12		
	3rd	16	17	15	18	14	17	20	19	11	17	18	18		
Total Precip. (0.1mm)	1st	3	0	455	475	612	218	2625	319	396	1348	72	21		
	2nd	171	384	97	464	177	221	373	62	1573	615	145	102		
	3rd	323	68		911	256	722	15	429	543	204	98	326		
Total Evaporation (0.1mm)	1st														
	2nd														
	3rd														
Total Sunshine (0.1hr)	1st	512	830	560	647	598	425	330	630	535	419	745	603		
	2nd	511	507	755	719	1021	530	610	921	418	414	497	411		
	3rd	428	452	979	643	949	429	997	812	398	223	496	488		
Mean Cloud Amount (0.1)	1st	53	14	56	63	64	67	83	42	60	60	36	36		
	2nd	61	66	39	52	36	65	67	34	72	64	52	56		
	3rd	65	58	30	59	55	78	49	47	73	77	51	60		
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 30				18					04			140(69)	
		Max. Temp. < 25			01						14			197(145)	
		Mean Temp. < 25						19			27			101(58)	
		Min. Temp. < 25							24	22				30(23)	
	Continue	Max. Temp. < 30							18	25					39
		Max. Temp. < 25							04		01				60
		Mean Temp. < 25							18	25					39
		Min. Temp. < 25							24	02					10
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0							19 - 25						7(5)
		Mean Temp. < 0						17			01				76(21)
		Min. Temp. < 0					26				15				111(61)
Frost							01			27				118(36)	
Freezing						26				15				111(69)	
Snow						26				11				107(26)	
Continue	Snow Cover					26				01				97(26)	
	Max. Temp. < 0							23 - 25						3	
	Mean Temp. < 0							18 - 26						9	
	Min. Temp. < 0							31	10					11	
	Frost							31	08					9	
	Freezing							31	10					11	
Snow	Snow								14 - 17					4	
	Snow Cover							18 - 29						12	

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10141	10144	10124	10056	10040	10004	10009	9978	10050	10100	10131	10142	10077
		Mean Sea Level	10228	10230	10209	10138	10121	10083	10088	10056	10130	10181	10215	10228	10159
		Highest	10327	10344	10288	10250	10252	10144	10170	10114	10205	10289	10324	10327	10344
		Date	01	25	01	19	14	10	06	05	21	30	29	30	02/25
		Lowest	10064	10004	10088	9930	9945	9946	9990	9902	10001	9812	10114	10061	9812
		Date	18	14	18	17	03	24	13	30	01	05	19	22	10/05
(0.1)	Air Temp.	Mean	31	55	99	151	193	219	253	277	229	187	118	73	157
		Mean Max.	76	104	144	192	237	253	285	318	263	223	164	121	198
		Mean Min.	-3	13	63	119	157	195	230	246	207	161	83	32	125
		Highest	166	158	196	242	305	287	327	373	297	283	208	176	373
		Date	03	13	30	26	31	20	30	14	27	03	18	22	08/14
		Lowest	-102	-40	-43	80	115	157	195	175	171	98	1	-32	-102
		Date	24	02	01	12	16	02	07	29	30	24	16	01/24	
(0.1hPa)	Vapor Press.	Mean	40	47	78	110	141	210	271	268	222	160	90	59	141
		Highest	106	177	176	190	231	286	344	363	302	293	189	182	363
		Date	03	13	06	17	15	19	29	12	28	03	14	22	08/12
		Lowest	10	16	20	39	45	93	186	124	126	49	18	13	10
		Date	24	02	01	18	04	01	15	31	20	30	24	29	01/24
(0.1) Mean D.P.Temp.			-73	-55	21	78	116	180	223	219	189	135	37	-23	87
Rel. Humid. (%)	Mean		49	48	61	66	64	80	85	72	80	73	61	54	66
		Lowest	15	17	17	19	15	35	49	28	39	23	15	16	15
		Date	12	05	10	26	04	03	14	31	20	30	16	16	11/16
(0.1mm)	Precip.	00~24h Total	595	637	1335	1985	1088	1152	1888	1415	4079	1824	566	1038	17602
		09~09h Total	595	637	1335	1985	1088	1152	1888	1415	4088	1815	566	1038	17602
	Highest	1 Daily	243	327	387	474	407	537	630	576	1194	950	291	396	1194
		Date	28	12	18	07	03	24	04	28	17	05	18	22	09/17
	6 6 - Hour		182	325	293	364	382	530	604	538	928	778	268	351	928
		Date	29	13	06	16	03	24	04	15	17	05	19	22	09/17
	1 60 - Minute					132	166	312	354	398	295	383			398
		Date				16	03	24	02	15	17	05			08/15
	10 10 - Minute					33	50	115	130	136	84	99			136
		Date				17	03	24	02	15	17	05			08/15
2 2 - Day		451	616	373	656	193	784	751	1564	951	298	608	1564		
	Date	28 - 29	12 - 13	04 - 05	06 - 07	19 - 20	03 - 04	15 - 16	02 - 03	04 - 05	18 - 19	21 - 22	09/02 - 09/03		
3 3 - Day				700	370		386	1557	595	1565	994	11	790	1565	
	Date			04 - 06	26 - 28		18 - 22	01 - 05	27 - 29	02 - 04	27 - 01	06 - 08	19 - 22	09/02 - 09/04	
(0.1mm)	Evapor.	Total	700	771	797	1008	1402	1155							
		Highest	50	56	50	63	72	73							
	Small	Date	27	10	28	30	31	03							
		Total				695	943	723							
Large	Highest				44	54	51								
	Date				30	31	03								
(0.1%)	Wind	Mean Speed	35	37	32	32	34	29	33	30	26	27	28	31	31
		Highest Speed	125	135	130	151	155	127	186	133	91	167	90	165	186
		Highest Dir.	WNW	SW	SW	SW	WSW	SW	WSW	SSW	SSE	N	SW	SW	
		Date	18	28	05	17	03	24	02	31	01	05	24	22	07/02
		Highest Gust Speed	235	212	192	240	228	195	270	231	159	283	161	258	283
		Highest Gust Dir.	WNW	WSW	SW	W	WNW	WSW	SW	SW	SSW	SSE	N	SW	SSE
		Date	19	28	05	17	03	24	02	31	01	05	24	22	10/05
		Resultant Speed	20	23	5	2	11	9	17	6	17	16	14	18	5
		Resultant Dir.	NW	WNW	NW	SW	SW	SSW	SW	ENE	ENE	NE	NNW	NW	NW
(0.1)	Cloud Amount	Mean	33	34	47	52	46	67	62	36	72	65	41	34	49
		Mean Low Mid.	18	19	26	27	20	38	41	25	46	41	26	21	29
Sunshine	Total(0.1hr)	2091	2315	2196	2143	2659	1695	2360	2944	1321	1557	1798	2070	25149	
	Perc.(0.1%)	668	731	591	545	612	390	534	706	355	445	579	678	564	
(0.01MJ/m) Total Horizontal Radiation		28639	38190	44731	49568	61192	47074	54838	60931	32917	31338	27268	27189	503875	
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
		Date													
(0.1)	Grass Min. Temp.	Mean	-35	-19	29	87	112	169	215	226	186	130	48	3	96
		Lowest	-109	-53	-68	46	54	100	185	156	140	47	-21	-53	-109
		Date	24	02	01	01	17	03	23	30	21	30	24	28	01/24
(0.1)	Mean Soil Temp.	Surface	25	59	107	165	222	259	294	324	241	187	111	64	172
		0.05m Underground	30	57	100	157	208	240	278	305	238	192	115	72	166
		0.1m "	32	57	100	156	206	239	277	303	238	193	122	76	167
		0.2m "	44	62	101	154	201	236	272	301	242	201	132	86	169
		0.3m "	49	63	101	151	196	232	266	295	242	204	137	91	169
		0.5m "	57	62	100	149	190	224	256	286	246	212	148	97	169
		1.0m "	97	81	101	136	170	202	228	255	244	223	178	130	170
		1.5m "	132	108	111	129	153	178	207	230	235	224	194	156	171
		3.0m "	165	147	135	134	141	153	171	185	204	210	202	186	169
		5.0m "	177	168	158	151	149	153	161	169	182	192	193	190	170
(0.01hr) Dur. of Precip.		4453	3258	7843	9701	5949	9293	7580	4154	15277	7394	5610	5592	86104	
(0.01hr) Dur. of Fog			900	753	142	316	916	2585		95	33			5740	

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	51	47	60	61	46	29	18	48	58	43	58	50	61
		NE	56	37	55	52	50	52	36	49	59	60	51	37	60
		ENE	29	39	47	42	41	43	37	48	41	69	29	35	69
		E	35	31	54	53	43	48	46	50	45	42	31	39	54
		ESE	35	47	47	48	53	53	41	49	42	39	38	36	53
		SE	51	50	46	70	41	50	35	44	44	89	38	33	89
		SSE	37	24	35	29	61	21	31	36	45	28	33	44	61
		S	33	51	51	53	103	53	47	57	32	26	32	45	103
		SSW	48	74	73	82	119	68	69	65	86	43	52	99	119
		SW	41	128	99	134	109	125	185	76	76	84	51	125	185
		WSW	76	114	84	132	143	74	122	99	78	74	73	110	143
		W	86	106	70	95	125	60	68	118	33	50	65	92	125
		WNW	103	88	55	114	104	40	37	68	54	39	73	101	114
		NW	69	74	47	42	56	33	41	52	37	90	71	74	90
	NNW	86	80	70	62	65	35	43	41	43	74	81	73	86	
	(0.1%)	N	81	72	67	70	57	43		52	38	64	85	94	94
	Hourly Occurrence Percentage	CALM	12	17	17	51	28	33	46	36	32	59	50	60	37
		NNE	63	37	70	22	11	8	9	42	100	103	90	50	51
		NE	110	43	190	181	87	136	79	266	438	308	150	75	172
		ENE	15	17	66	86	106	88	93	99	111	125	64	31	75
		E	11	19	39	96	77	92	94	91	75	60	29	16	58
		ESE	15	23	50	63	63	79	56	75	89	38	29	16	50
		SE	28	20	20	22	22	24	8	30	28	28	18	21	22
		SSE	19	6	9	10	11	6	5	12	6	17	14	17	11
		S	9	14	23	19	23	17	22	26	8	7	22	11	17
		SSW	5	24	60	97	139	179	196	90	35	23	11	28	74
		SW	17	55	90	76	118	124	187	30	24	22	10	19	64
		WSW	59	78	71	71	104	94	85	26	10	15	63	43	60
W		126	154	75	71	81	57	78	66	8	23	75	132	79	
WNW		133	147	43	57	43	29	19	27	8	12	58	102	56	
NW	90	92	35	25	30	11	13	22	7	24	67	93	42		
NNW	157	154	78	28	43	14	9	31	13	81	131	183	77		
(0.1%)	N	130	101	63	25	15	10		32	10	55	119	103	55	
Number of Days With Classified	Daily Max. Temp.	0.0	1												1
		0.1 ~ 10.0	21	15	2								1	7	46
		10.1 ~ 20.0	9	14	29	18	5				1	9	25	24	134
		20.1 ~ 30.0				12	25	30	21	6	29	22	4		149
	Daily Mean Temp.	30.1					1		10	25					36
		-5.0	1												1
		-4.9 ~ 0.0	5	1											6
		0.1 ~ 10.0	23	24	14								10	25	96
	Daily Min. Temp.	10.1 ~ 20.0	2	4	17	30	21	3		1	2	23	20	6	129
		20.1					10	27	31	30	28	8			134
		-15.0													
		-14.9 ~ -5.0	5												5
	Daily Precip.	-4.9 ~ 0.0	9	15	2									9	35
		0.1 ~ 10.0	17	13	21	2						1	19	21	94
		10.1		1	8	28	31	30	31	31	30	30	11	1	232
		0.1mm	4	4	7	11	6	12	12	9	12	9	11	6	103
	60 - Minute Max. Precip.	10.0mm	3	2	4	6	4	3	5	3	6	3	1	4	44
		30.0mm		1	3	4	1	1	3	2	5	3		1	24
		80.0mm									2	1			3
		100.0mm													2
	10 - Minute Max. Precip.	1.0mm				10	6	11	8	5	10	5			55
		6.0mm				4	3	3	6	3	6	3			28
		10.0mm				1	2	1	4	2	5	2			17
		20.0mm						1	2	1	2	1			7
Daily Max. New Snowfall	30.0mm						1	1	1	1	1			4	
	0.1mm				11	6	12	12	9	12	9			71	
	1.0mm				7	5	6	7	5	8	3			41	
	5.0mm					1	2	2	2	2	1			10	
Daily Max. Snow Depth	10.0mm						1	1	2					4	
	0.1cm														
	5.0cm														
	10.0cm														
Daily Min. Rel. Humid.	30.0cm														
	20%	6	3	2	1	1						3	7	23	
	21 ~ 30%	6	16	8	7	5			1		1	7	6	57	
	31 ~ 40%	13	6	7	8	6	3			1	4	6	4	58	
Daily Max. Wind speed	41 ~ 50%	3	1	9	4	9	3	1	6	3	4	3	6	52	
	51 ~ 70%	2	1	2	5	9	13	17	24	18	18	8	8	125	
	71%	1	2	3	5	1	11	13		8	4	3		51	
	0.5 ~ 3.3%					1		1		2	2	1	2	9	
Daily Max. Wind speed	3.4 ~ 7.9%	23	17	27	25	24	28	23	29	27	28	24	22	297	
	8.0 ~ 13.8%	8	12	4	4	5	2	6	2	1		5	6	55	
	13.9%				1	1		1			1		1	5	

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Number of Days With Phenomena	Snow	2	1											3		
	Sleet															
	Snow Pellet															
	Hail															
	Fog		1	2	1	4	8	4		2	1			23		
	Frost	1													1	
	Freezing	20	19	4									2	8	53	
	Haze	8	3	10	4	7	2			5	2	4	6	7	58	
	Yellow Sand				5	2									7	
	Thunder Storm	1		2	1		3	2	4	1	2				16	
	Sunshine (0%)	4	2	3	4	3	6	4	1	6	4	1	2		40	
	< 20%	7	3	6	8	4	11	8	2	13	9	6	6		83	
	80%	17	17	13	10	13	5	7	16	5	7	13	20		143	
	Cloud Amount	15	12	10	6	10	3	1	11	1	3	13	15		100	
2.5 ~ 5.4	8	9	9	11	7	6	14	13	5	6	4	8		100		
5.5 ~ 7.4	5	5	4	3	9	6	6	2	7	9	7	3		66		
7.5	3	3	8	10	5	15	10	5	17	13	6	5		100		
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10231	10228	10222	10146	10104	10108	10103	10090	10084	10151	10220	10214		
		2nd	10195	10197	10202	10152	10159	10063	10059	10051	10141	10202	10194	10235		
		3rd	10255	10270	10203	10117	10101	10080	10102	10031	10164	10190	10231	10233		
	Mean Temp. (0.1)	1st	60	35	91	148	184	207	237	285	246	210	120	85		
		2nd	25	71	93	147	183	228	248	296	223	190	149	72		
		3rd	11	58	111	157	212	224	273	253	219	162	85	64		
	Mean Max.Temp. (0.1)	1st	108	89	136	193	224	242	267	323	282	248	166	132		
		2nd	74	116	138	185	231	263	279	339	254	230	194	119		
		3rd	48	108	157	198	255	254	308	294	253	195	133	112		
	Mean Min.Temp. (0.1)	1st	27	-7	52	114	150	179	213	256	225	183	84	42		
		2nd	-10	29	58	116	140	204	225	264	202	163	115	34		
		3rd	-22	19	77	127	179	203	249	221	195	140	49	21		
	Mean D.P.Temp. (0.1)	1st	-44	-103	23	87	107	153	221	237	208	167	37	-37		
		2nd	-89	-7	3	70	105	197	214	236	183	137	85	-14		
		3rd	-86	-54	34	77	133	191	234	188	177	103	-9	-18		
	Mean Vapor Press (0.1hPa)	1st	48	29	84	114	135	178	266	294	247	197	86	51		
		2nd	35	69	69	105	132	231	256	292	212	159	117	64		
		3rd	38	45	81	110	156	223	291	222	206	128	65	63		
	Mean Rel. Humid. (%)	1st	49	37	67	70	65	73	91	76	81	78	60	44		
		2nd	45	60	56	63	64	84	83	71	79	73	69	58		
		3rd	53	46	61	63	63	83	80	69	79	69	55	59		
	Mean Wind Speed (0.1m/s)	1st	30	37	34	28	42	27	35	23	25	28	33	33		
		2nd	36	38	30	36	30	31	26	28	29	22	21	26		
		3rd	39	36	34	32	29	29	38	38	25	31	29	34		
Total Precip. (0.1mm)	1st	2		902	703	677	97	1558	60	1578	1360	78				
	2nd	142	630	387	594	145	322	322	751	1519	388	376	182			
	3rd	451	7	46	688	266	733	8	604	982	76	112	856			
Total Evaporation (0.1mm)	1st	268	289	125	322	359	454									
	2nd	225	224	296	286	481	415									
	3rd	207	258	376	400	562	286									
Total Sunshine (0.1hr)	1st	758	937	568	625	666	649	478	956	428	571	654	778			
	2nd	714	662	753	808	989	584	724	1081	428	605	602	594			
	3rd	619	716	875	710	1004	462	1158	907	465	381	542	698			
Mean Cloud Amount (0.1)	1st	23	12	52	56	58	62	78	35	71	65	36	19			
	2nd	29	50	45	47	32	67	64	25	73	60	43	38			
	3rd	46	42	43	53	47	72	45	46	71	69	45	43			
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 30					31		25					87(36)		
		Max. Temp. < 25					04				17			167(116)		
		Mean Temp. < 25							06			03			90(49)	
		Min. Temp. < 25							25	23					30(28)	
	Continue	Max. Temp. < 30							24	25					33	
		Max. Temp. < 25							17	27					42	
		Mean Temp. < 25							23	25					34	
		Min. Temp. < 25							04 - 23						20	
	'15.7 - '16.6 Low Temp. Phenomena		'15	7	8	9	10	11	12	'16	1	2	3	4	5	6
	Genesis	Max. Temp. < 0								24 - 24						1(1)
		Mean Temp. < 0								19	15					28(7)
		Min. Temp. < 0							17			11				86(35)
Frost								05	31						58(3)	
Freezing								16			12				88(50)	
Snow								16		29					76(4)	
Continue	Snow Cover														(0)	
	Max. Temp. < 0								24 - 24						1	
	Mean Temp. < 0								23 - 25						3	
	Min. Temp. < 0								18 - 26						9	
	Frost								31 - 31						1	
	Freezing								18 - 27						10	
Snow								23 - 24						2		

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Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10195	10197	10172	10102	10086	10048	10053	10022	10093	10144	10180	10195	10124
		Mean Sea Level	10236	10238	10212	10141	10124	10086	10090	10059	10130	10183	10220	10235	10163
		Highest	10334	10360	10298	10251	10248	10145	10165	10115	10212	10295	10329	10331	10360
		Date	01	25	01	19	14	18	06	05	21	30	29	30	02/25
		Lowest	10083	10026	10083	9950	9957	9958	9997	9915	10013	9807	8297	10082	8297
	Date	18	14	18	17	03	24	14	30	01	05	24	22	11/24	
(0.1)	Air Temp.	Mean	28	50	92	144	187	216	251	275	228	184	114	68	153
		Mean Max.	70	96	136	190	235	248	285	319	264	223	159	114	195
		Mean Min.	-7	7	53	107	147	192	229	243	203	155	76	26	119
		Highest	145	166	183	251	299	279	321	352	297	283	204	193	352
		Date	04	13	19	26	30	26	31	21	27	03	19	22	08/21
		Lowest	-86	-48	-48	81	117	144	208	185	160	88	1	-27	-86
	Date	24	02	01	12	17	02	03	28	21	30	24	16	01/24	
(0.1hPa)	Vapor Press.	Mean	45	50	81	119	150	217	281	272	228	162	93	64	147
		Highest	115	179	172	206	244	293	348	352	304	295	188	201	352
		Date	03	13	05	17	15	24	30	12	06	03	14	22	08/12
		Lowest	10	18	21	58	66	99	206	119	129	40	24	14	10
		Date	24	05	01	24	04	01	15	31	20	30	24	16	01/24
(0.1) Mean D.P.Temp.		-59	-46	27	92	126	185	229	222	194	136	45	-10	95	
Rel. Humid. (%)	Mean	56	52	67	74	71	84	89	74	83	75	66	61	71	
	Lowest	11	18	19	22	21	34	53	29	41	24	16	15	11	
	Date	12	05	10	25	04	01	15	31	20	30	15	16	01/12	
(0.1mm)	Precip.	00-24h Total	707	932	1331	2629	1068	1127	2355	617	5433	1940	617	1181	19937
		09-09h Total													
	Highest	1 Daily	372	672	485	517	362	340	596	462	1967	1222	338	396	1967
		Date	28	12	18	16	03	24	02	28	17	05	18	21	09/17
	6	6 - Hour	264	481	282	471	320	320	554	351	1305	1046	297	400	1305
		Date	29	13	06	16	03	24	02	28	17	05	19	22	09/17
	1	60 - Minute				118	126	200	480	84	424	528			528
		Date				16	24	24	02	28	17	05			10/05
	10	10 - Minute				35	52	111	183	42	110	147			183
		Date				06	24	24	02	16	17	05			07/02
2	2 - Day	624	906	339	648	259	297	1036	85	2468	1245	352	735	2468	
	Date	28 - 29	12 - 13	05 - 06	06 - 07	10 - 11	19 - 20	01 - 02	15 - 16	02 - 03	04 - 05	18 - 19	21 - 22	09/02 - 09/03	
3	3 - Day			616		261	332	1563		2469	2012		944	2469	
	Date			03 - 06		09 - 11	18 - 20	01 - 05		01 - 03	26 - 05		19 - 22	09/01 - 09/03	
(0.1mm)	Evapor.	Small	Total												
			Highest												
	Large	Total													
		Highest													
(0.1%)	Wind	Mean Speed	27	28	23	23	24	20	23	23	23	22	23	26	24
		Highest Speed	105	114	144	166	192	99	138	104	90	147	82	152	192
		Highest Dir.	NNW	SSE	SSE	SSE	SSE	SSW	SSW	SW	SSE	NNW	N	NNE	SSE
		Date	23	12	05	16	03	24	02	31	01	05	25	22	05/03
		Highest Gust Speed	172	173	198	260	261	152	226	170	140	281	127	211	281
		Highest Gust Dir.	W	SSW	SSE	SSE	SSE	SSW	SSW	SW	NNE	NNE	N	NNE	NNE
		Date	19	28	05	16	03	24	02	31	20	05	01	22	10/05
		Resultant Speed	21	13	1	2	7	5	13	4	13	18	18	26	6
	Resultant Dir.	NW	WNW	NNE	ESE	SSE	SSE	SSE	N	N	N	N	NNE	N	
Cloud Amount (0.1)		Mean													
		Mean Low Mid.													
Sunshine		Total(0.1hr)	1907	2112	2042	1864	2361	1410	1964	2682	1110	1307	1709	1994	22462
		Perc.(0.1%)	608	666	549	475	544	325	445	644	298	373	550	652	504
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
		Date													
Grass Min. Temp. (0.1)		Mean	-42	-29	26	85	118	176	219	226	190	134	43	-3	95
		Lowest	-117	-90	-83	46	77	101	188	169	127	53	-33	-60	-117
		Date	25	03	01	16	17	02	23	30	21	30	24	30	01/25
(0.1)	Mean Soil Temp.	Surface	23	59	119	161	204	239	280	323	247	192	108	52	167
		0.05m													
		0.1m													
		0.2m													
		0.3m													
		0.5m													
		1.0m													
		1.5m													
		3.0m													
		5.0m													
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	26	40	53	40	39	40	29	35	39	37	59	132	132
		NE	18	17	38	21	11	24	16	19	19	38	14		38
		ENE	8	15	18	16	19	15	19	18	16	65	18		65
		E	7	12	32	21	21	26	16	27	12	32	17		32
		ESE	11	31	51	23	30	26	24	22	12	16	16		51
		SE	16	85	63	98	98	49	48	46	67	27	34		98
		SSE	39	102	120	155	186	61	110	46	78	44	37		186
		S	26	53	129	125	90	58	97	44	70	26	41		129
		SSW	30	75	67	93	89	81	117	49	62	36	34		117
		SW	38	106	50	109	73	66	45	96	31	43	45		109
		WSW	52	68	23	60	44	45	40	26	5	20	29		68
		W	66	83	24	58	67	19	12	58	26	16	36		83
		WNW	100	87	22	107	61	42	33	64	44	30	39		107
		NW	82	100	39	29	48	19	7	53	20	125	42		125
	NNW	85	69	87	59	66	45	29	55	49	134	67	15	134	
	(0.1%)	N	90	54	58	59	59	53	53	57	69	65	68	63	90
	Hourly Occurrence Percentage	CALM	35	36	69	81	78	79	77	60	32	40	58	44	58
		NNE	17	10	35	44	35	42	54	90	117	149	225	863	142
		NE	4	4	17	13	5	21	13	12	14	47	7		13
		ENE	3	3	12	11	9	10	16	13	6	19	7		9
		E	3	4	13	21	27	36	23	22	9	11	4		14
		ESE	3	7	38	57	71	79	113	56	16	13	7		39
		SE	5	26	75	133	169	169	197	105	41	19	8		79
		SSE	20	53	124	124	173	155	131	133	74	16	18		85
		S	16	20	51	39	46	45	90	27	21	3	15		31
		SSW	11	56	51	25	30	35	82	11	14	9	10		28
		SW	34	105	54	36	48	67	67	36	9	16	31		42
WSW		15	29	9	10	8	10	17	3	2	8	11		10	
W		55	53	9	11	17	4	4	13	3	3	14		16	
WNW	134	111	7	24	17	35	4	23	5	7	19		32		
NW	110	144	22	28	19	8	3	13	8	19	36		34		
NNW	266	196	159	125	60	46	17	86	156	184	204	1	124		
(0.1%)	N	270	140	255	219	185	160	92	296	473	437	325	91	243	
Number of Days With Classified	Daily Max. Temp.	0.0	2											2	
		0.1 ~ 10.0	26	18	5								2	10	
		10.1 ~ 20.0	3	11	26	19	4				1	7	27	21	61
		20.1 ~ 30.0				11	27	30	21	5	29	24	1		148
	Daily Mean Temp.	30.1							10	26					36
		-5.0	1												1
		-4.9 ~ 0.0	5	1											6
		0.1 ~ 10.0	25	26	17								11	27	106
	Daily Min. Temp.	10.1 ~ 20.0		2	14	30	24	5		1	2	24	19	4	125
		20.1					7	25	31	30	28	7			128
		-15.0													
		-14.9 ~ -5.0	4												4
	Daily Precip.	-4.9 ~ 0.0	13	17	3									9	42
		0.1 ~ 10.0	14	11	25	10							21	22	105
		10.1		1	3	20	31	30	31	31	30	29	9		215
		0.1mm	4	4	8	10	10	11	10	5	14	11	9	6	102
	60 - Minute Max. Precip.	10.0mm	2	2	4	7	4	5	7	1	7	3	2	4	48
		30.0mm	1	1	1	4	1	1	3	1	4	1	1	2	21
		80.0mm									3	1			4
		100.0mm									3	1			4
	10 - Minute Max. Precip.	1.0mm				10	7	9	7	5	10	7			55
		6.0mm				6	2	4	6	2	5	3			28
		10.0mm				2	2	2	5		4	2			17
		20.0mm						1	3		2	1			7
Daily Max. New Snowfall	30.0mm							1		2	1			4	
	0.1mm				10	10	11	10	5	14	11			71	
	1.0mm				8	6	5	7	4	8	4			42	
	5.0mm				2	2	1	5		3	3			14	
Daily Max. Snow Depth	10.0mm						1	4		1	1			7	
	0.1cm														
	5.0cm														
	10.0cm														
Daily Min. Rel. Humid.	30.0cm														
	0.1cm	6	2	1								3	5	17	
	21 ~ 30%	1	13	7	6	6			1		1	5	3	43	
	31 ~ 40%	14	7	8	8	8	2		1		4	6	9	67	
Daily Max. Wind speed	41 ~ 50%	4	4	8	5	5	3		7	2	5	6	4	53	
	51 ~ 70%	5	1	3	6	8	13	16	22	19	16	7	7	123	
	71%	1	2	4	5	4	12	15		9	5	3	3	63	
	0.5 ~ 3.3%	4		1		3	2		2	1	3			16	
Daily Max. Wind speed	3.4 ~ 7.9%	20	23	27	27	24	27	28	28	24	27	29	26	310	
	8.0 ~ 13.8%	7	6	2	1	3	1	3	1	2		1	4	31	
	13.9%			1	2	1					1		1	6	

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow														
	Sleet														
	Snow Pellet														
	Hail														
	Fog														
	Frost														
	Freezing														
	Haze														
	Yellow Sand														
	Thunder Storm														
Sunshine (0%)	2	1	1	5	1	2	1	1	1	4	2	0	2	22	
< 20%	7	3	7	10	5	13	9	2	16	12	6	6	6	96	
80%	12	14	13	6	9	3	4	6	3	4	14	15	15	103	
Cloud Amount	2.4														
2.5 ~ 5.4															
5.5 ~ 7.4															
7.5															
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10238	10236	10225	10149	10110	10109	10104	10091	10085	10151	10225	10224	
		2nd	10204	10203	10206	10154	10161	10066	10061	10053	10142	10204	10197	10242	
		3rd	10263	10278	10207	10119	10105	10083	10105	10035	10165	10192	10238	10240	
	Mean Temp. (0.1)	1st	53	29	86	136	174	204	241	279	244	208	119	81	
		2nd	24	67	84	143	180	224	243	292	224	186	142	65	
		3rd	10	55	105	154	205	221	269	257	216	160	81	59	
	Mean Max.Temp. (0.1)	1st	99	81	130	185	215	241	270	320	281	249	165	129	
		2nd	67	109	132	183	233	255	276	335	259	230	189	111	
		3rd	47	97	147	202	256	249	305	305	253	194	124	105	
	Mean Min.Temp. (0.1)	1st	16	-19	45	102	138	174	219	249	219	179	76	33	
		2nd	-11	27	46	104	133	202	220	259	201	154	104	27	
		3rd	-25	14	66	117	167	201	245	223	189	136	47	20	
	Mean D.P.Temp. (0.1)	1st	-17	-87	25	99	117	156	229	239	213	169	46	-8	
		2nd	-78	-5	9	82	115	203	218	241	185	138	91	-11	
		3rd	-79	-48	45	94	145	198	240	188	183	104	-1	-9	
	Mean Vapor Press (0.1hPa)	1st	57	33	85	123	142	180	280	297	255	200	91	62	
		2nd	37	68	72	112	138	238	261	301	216	159	121	65	
		3rd	40	47	87	121	167	232	300	222	214	130	67	65	
	Mean Rel. Humid. (%)	1st	62	44	70	81	73	77	94	80	84	80	63	56	
		2nd	50	63	62	69	69	89	87	75	80	75	74	62	
3rd		56	50	69	72	72	88	85	68	83	71	59	64		
Mean Wind Speed (0.1m/s)	1st	18	22	26	18	31	19	29	19	24	23	23	21		
	2nd	34	33	21	28	22	22	17	19	25	19	20	23		
	3rd	30	28	23	24	19	20	23	30	20	24	28	33		
Total Precip. (0.1mm)	1st	24		827	860	737	107	1565	11	2469	1572	33	0		
	2nd	59	906	485	810	59	393	787	85	2223	255	543	209		
	3rd	624	26	19	959	272	627	3	521	741	113	41	972		
Total Evaporation (0.1mm)	1st														
	2nd														
	3rd														
Total Sunshine (0.1hr)	1st	697	879	548	590	513	610	377	911	356	460	711	712		
	2nd	663	581	686	677	943	447	614	942	400	524	539	601		
	3rd	547	652	808	597	905	353	973	829	354	323	459	681		
Mean Cloud Amount (0.1)	1st														
	2nd														
	3rd														
First and Last of Seasonal Phenomena	Genesis	Max. Temp. 30							08	31					55(37)
		Max. Temp. 25			26							17			175(112)
		Mean Temp. 25							05		07				65(43)
		Min. Temp. 25							25	23					30(25)
	Continue	Max. Temp. 30							24	26					34
		Max. Temp. 25							17	27					42
		Mean Temp. 25							24	25					33
		Min. Temp. 25							25	01					8
	'15.7-'16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0							24 - 24						1(1)
Mean Temp. < 0								19 - 25						7(6)	
Min. Temp. < 0							17			11				86(42)	
Frost															
Continue	Freezing														
	Snow														
	Snow Cover														
	Max. Temp. < 0							24 - 24						1	
Mean Temp. < 0							23 - 25						3		
Min. Temp. < 0							18 - 26						9		
Frost															
Freezing															
Snow															
Snow Cover															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10206	10205	10173	10094	10080	10039	10040	10018	10084	10140	10183	10203	10122
		Mean Sea Level	10254	10253	10220	10140	10125	10083	10083	10061	10128	10185	10229	10251	10168
		Highest	10349	10376	10311	10251	10235	10138	10156	10119	10217	10314	10348	10349	10376
		Date	01	25	01	19	14	06	06	01	21	30	29	30	02/25
		Lowest	10130	10030	10084	9952	9949	9969	9984	9955	10005	9999	10117	10104	9949
	Date	17	13	18	16	03	24	16	30	01	05	19	22	05/03	
(0.1)	Air Temp.	Mean	18	37	75	138	186	222	261	279	231	173	100	55	148
		Mean Max.	49	77	123	187	236	256	293	320	271	208	141	96	188
		Mean Min.	-9	0	35	98	144	196	237	246	200	145	64	19	115
		Highest	132	187	195	248	290	286	342	360	324	299	204	191	360
		Date	03	13	30	26	21	11	29	11	01	04	05	22	08/11
		Lowest	-91	-52	-25	68	102	154	201	170	164	71	3	-38	-91
	Date	24	03	12	05	08	05	03	28	20	30	24	28	01/24	
(0.1hPa)	Vapor Press.	Mean	52	57	76	128	176	244	308	323	250	174	102	76	164
		Highest	105	176	174	214	268	322	415	412	346	315	195	213	415
		Date	03	13	05	16	15	21	28	07	17	03	14	21	07/28
		Lowest	20	23	18	29	93	127	229	169	145	52	39	31	18
	Date	24	03	12	05	08	03	15	29	21	30	29	11	03/12	
(0.1) Mean D.P.Temp.		-27	-19	21	102	152	205	244	251	209	147	63	22	114	
Rel. Humid. (%)	Mean	73	68	71	82	84	92	92	87	89	86	80	81	82	
	Lowest	37	19	16	13	29	42	58	33	44	29	31	31	13	
	Date	16	10	12	05	21	01	20	24	01	30	09	11	04/05	
(0.1mm)	Precip.	00-24h Total	792	405	549	1920	1199	1336	2492	204	1978	2031	615	459	13980
		09-09h Total	779	405	549	1920	1199	1337	2491	204	1980	2029	615	459	13967
	Highest	1 Daily	143	326	200	630	346	659	698	153	1183	481	144	134	1183
		Date	28	12	05	27	02	24	03	28	17	05	13	21	09/17
	6 6 - Hour	Date	28	12	05	16	02	24	03	28	17	05	14	19	09/17
		1 60 - Minute				127	100	273	418	88	459	221			459
	Date				16	03	20	08	28	17	08				09/17
	10 10 - Minute	Date				39	41	88	154	36	113	99			154
		Date				27	02	20	08	28	17	08			07/08
	2 2 - Day	Date	282	362	283	729	557	322	1176	175	1343	540	208	154	1343
Date		28 - 29	12 - 13	04 - 05	27 - 28	02 - 03	19 - 20	02 - 03	27 - 28	16 - 17	04 - 05	13 - 14	21 - 22	09/16 - 09/17	
3 3 - Day	Date	346	385		820	19		1489	191	1360	894		161	1489	
	Date	23 - 25	11 - 16		26 - 28	27 - 29		29 - 06	26 - 28	16 - 18	28 - 02		21 - 23	06/29 - 07/06	
(0.1mm)	Evapor.	Total	418	534	930	1109	1515	1320							
		Highest	37	36	44	66	70	70							
	Small	Date	05	28	15	30	23	25							
		Total				821	1110	993							
Large	Highest				55	59	57								
	Date				30	23	13								
(0.1%)	Wind	Mean Speed	37	42	34	29	30	25	29	27	20	28	33	40	31
		Highest Speed	125	131	135	158	123	91	101	136	81	123	133	140	158
		Highest Dir.	NNW	NNW	N	NW	WNW	WSW	SW	NW	SW	N	N	N	NW
		Date	18	14	10	17	03	24	01	30	01	09	08	27	04/17
		Highest Gust Speed	190	212	186	223	180	144	159	214	132	187	189	201	223
		Highest Gust Dir.	NNW	N	NNE	NW	WNW	WSW	WSW	NW	SW	N	N	NNW	NW
		Date	19	29	10	17	03	24	01	30	01	09	22	27	04/17
		Resultant Speed	27	23	16	4	4	4	14	16	7	16	18	26	11
Resultant Dir.	N	N	N	NNW	NW	SW	SSW	NNW	NNE	NNE	NNE	N	N		
(0.1)	Cloud Amount	62	48	40	59	53	68	62	34	60	70	52	56	55	
	Mean Low Mid.	48	36	19	30	26	41	38	27	38	45	36	43	36	
Sunshine	Total(0.1hr)	1351	1816	2279	1912	2399	1493	2054	2697	1512	1038	1606	1421	21578	
	Perc.(0.1%)	431	573	613	487	553	344	466	648	407	296	517	465	484	
(0.01MJ/m) Total Horizontal Radiation		19602	27867	42308	43542	53858	42694	46335	52279	33928	24820	22820	19392	429445	
Snow (0.1cm)	Highest	Snow Depth	250	21										250	
		Date	25	15											01/25
		Snowfall	163	21											163
		Date	23	15											01/23
	Total	525	36											561	
Grass Min. Temp. (0.1)	Mean	-26	-26	4	81	118	180	223	225	180	104	17	9	91	
	Lowest	-93	-75	-59	39	72	128	184	159	142	3	-50	-49	-93	
	Date	24	03	12	02	08	03	18	29	23	30	09	11	01/24	
(0.1)	Mean Soil Temp.	Surface	28	47	98	167	218	256	289	343	264	187	107	55	172
		0.05m Underground	41	50	92	158	203	243	274	313	256	190	118	68	167
		0.1m "	45	51	92	156	201	239	269	309	254	191	121	72	167
		0.2m "	54	56	92	151	196	234	262	302	255	197	131	82	168
		0.3m "	60	60	93	149	193	231	258	299	256	202	137	88	169
		0.5m "	64	62	93	148	191	230	257	296	259	206	144	94	170
		1.0m "	88	76	97	140	177	215	240	278	258	216	163	116	172
		1.5m "	109	91	102	134	167	201	228	262	254	223	178	134	174
		3.0m "	145	123	119	131	152	176	198	223	237	225	201	171	175
5.0m "	174	158	146	142	147	157	171	184	200	207	203	191	173		
(0.01hr) Dur. of Precip.		13463	7013	4666	9749	7495	5927	8054	1912	10066	10790	6832	7167	93134	
(0.01hr) Dur. of Fog		1796	453	691	5522	230	525	965		82	465	1709	714	13152	

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	70	82	105	52	55	42	26	70	47	94	89	83	105
		NE	39	32	65	30	18	19	19	29	25	43	46	35	65
		ENE	16	13	18	33	10	18	18	20	28	28	22	17	33
		E	11	6	20	27	19	24	20	29	31	31	20	23	31
		ESE	19	13	20	26	20	18	27	28	26	33	24	23	33
		SE	23	65	54	67	57	58	61	30	45	57	49	56	67
		SSE	35	68	50	86	65	63	53	28	44	54	45	41	86
		S	23	61	84	91	83	67	87	58	64	74	52	78	91
		SSW	32	46	72	91	60	61	67	24	54	26	52	107	107
		SW	29	94	51	116	76	44	89	73	73	78	48	108	116
		WSW	27	74	55	125	56	90	92	63	36	34	57	80	125
		W	23	41	26	38	40	35	30	50	36	24	23	47	50
		WNW	30	80	47	87	123	58	44	90	41	25	31	58	123
		NW	99	101	68	149	76	69	59	132	70	67	58	92	149
	NNW	109	124	72	86	86	79	49	108	56	88	91	120	124	
	(0.1%)	N	112	127	126	66	107	80	61	87	58	122	116	131	131
	Hourly Occurrence Percentage	CALM	31	9	26	25	38	44	38	36	40	28	21	19	30
		NNE	187	155	160	114	70	50	27	56	131	144	132	149	114
		NE	144	43	79	68	24	29	20	50	118	157	113	113	80
		ENE	16	20	22	17	13	31	11	31	57	87	60	30	33
		E	9	3	16	18	16	26	15	58	61	67	31	21	29
		ESE	20	9	20	10	16	32	15	50	47	67	33	11	28
		SE	12	59	38	89	81	115	152	74	93	117	94	63	82
		SSE	106	131	120	135	165	107	130	32	61	60	143	119	109
		S	13	37	67	49	63	86	168	22	25	23	31	26	51
		SSW	4	16	17	10	17	44	40	8	6	4	6	9	15
		SW	4	22	9	19	13	29	51	11	14	1	8	9	16
		WSW	8	34	27	39	30	53	81	20	26	1	13	17	29
W		12	4	5	24	19	26	31	19	13	3	8	5	14	
WNW		17	20	24	51	82	97	65	81	28	4	14	8	41	
NW	68	55	74	119	91	96	65	180	49	19	24	34	73		
NNW	176	135	73	57	98	47	38	155	68	26	57	128	88		
(0.1%)	N	172	249	223	157	163	86	55	118	164	191	214	239	169	
Number of Days With Classified	Daily Max. Temp.	0.0	4											4	
		0.1 ~ 10.0	25	21	9								7	15	77
		10.1 ~ 20.0	2	8	22	20	6				1	15	20	16	110
		20.1 ~ 30.0				10	25	30	17	8	24	16	3		133
	Daily Mean Temp.	30.1							14	23	5				42
		-5.0	2												2
		-4.9 ~ 0.0	6	4											10
		0.1 ~ 10.0	23	22	22								15	29	111
	Daily Min. Temp.	10.1 ~ 20.0		3	9	30	22	1			1	26	15	2	109
		20.1					9	29	31	31	29	5			134
		-15.0													
		-14.9 ~ -5.0	3	1											4
	Daily Precip.	-4.9 ~ 0.0	13	18	6									8	45
		0.1 ~ 10.0	15	9	23	16							3	24	113
		10.1		1	2	14	31	30	31	31	30	28	6	23	204
		0.1mm	11	11	6	13	10	9	12	6	9	12	11	10	120
	60 - Minute Max. Precip.	10.0mm	5	1	3	5	4	3	6	1	4	5	3	3	43
		30.0mm		1		2	1	2	4		2	3			15
		80.0mm									1				1
		100.0mm									1				1
	10 - Minute Max. Precip.	1.0mm				9	6	6	7	3	5	9			45
		6.0mm				3	4	3	6	1	2	4			23
		10.0mm				2	1	2	6		1	3			15
		20.0mm						2	3		1	1			7
Daily Max. New Snowfall	30.0mm							1		1				2	
	0.1mm				13	10	9	12	6	9	12			71	
	1.0mm				7	6	4	7	1	4	9			38	
	5.0mm						2	5		1	2			10	
Daily Max. Snow Depth	10.0mm							2		1				3	
	0.1cm	6	4											10	
	5.0cm	4												4	
	10.0cm	3												3	
Daily Min. Rel. Humid.	30.0cm													3	
	0.1cm	11	4											15	
	5.0cm	7												7	
	10.0cm	4												4	
Daily Max. Wind speed	20.0cm	1												1	
	30.0cm														
	20%		1	1	1									3	
	21 ~ 30%		2	3	4	1					1			11	
Daily Max. Wind speed	31 ~ 40%	2	6	9	5	3						3	2	31	
	41 ~ 50%	12	10	10	4	9	3			4	4	4	4	68	
	51 ~ 70%	14	8	6	8	11	6	9	22	16	13	18	18	149	
	71%	3	2	2	8	7	21	22	4	10	13	5	7	104	
Daily Max. Wind speed	0.5 ~ 3.3%	2	1	1	1	1	2	1	1	5	4	1	2	21	
	3.4 ~ 7.9%	16	15	22	28	26	27	28	26	24	19	21	14	266	
	8.0 ~ 13.8%	13	13	8	1	4	1	2	4	1	8	8	14	77	
	13.9%				1								1	2	

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow	12	8	2								1	3	26	
	Sleet	1		2									3	6	
	Snow Pellet														
	Hail														
	Fog	3	1	3	9	2	4	6		1	5	3	3	40	
	Frost	1	5	5								3	10	24	
	Freezing	17	15	5									2	14	53
	Haze	8	6	7	3						1	2	6	3	36
	Yellow Sand				4	1							2		7
	Thunder Storm						1	4	1	1	2			1	10
	Sunshine (0%)	4	2	3	5	2	5	4	0	6	3	5	3	3	42
	< 20%	10	5	6	9	3	12	9	4	12	16	9	9	9	104
	80%	2	11	13	5	7	0	7	10	4	3	10	6	7	78
	Cloud Amount														
2.4	1	11	9	4	8	1	1	12	4	3	7	4	4	65	
2.5 ~ 5.4	12	3	11	8	8	8	16	13	8	5	11	11	11	114	
5.5 ~ 7.4	6	8	6	6	6	5	3	5	8	7	5	6	7	71	
7.5	12	7	5	12	9	16	11	1	10	16	7	10	10	116	
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10253	10256	10231	10150	10108	10106	10093	10089	10084	10155	10234	10241	
		2nd	10226	10212	10213	10150	10160	10063	10057	10056	10138	10206	10199	10253	
		3rd	10281	10294	10216	10119	10108	10080	10097	10041	10162	10194	10255	10258	
	Mean Temp. (0.1)	1st	46	15	71	127	169	209	248	287	246	198	108	63	
		2nd	14	60	67	137	181	227	248	293	229	174	127	60	
		3rd	-4	36	86	149	206	229	284	258	218	151	65	44	
	Mean Max.Temp. (0.1)	1st	82	61	114	182	212	246	275	326	290	230	153	108	
		2nd	44	98	116	180	239	263	282	338	265	214	171	96	
		3rd	24	73	138	200	255	258	320	297	257	184	99	84	
	Mean Min.Temp. (0.1)	1st	14	-24	35	85	128	179	228	254	214	170	68	23	
		2nd	-12	23	25	100	134	200	224	260	197	144	90	29	
		3rd	-27	3	45	109	169	208	256	226	190	124	34	8	
	Mean D.P.Temp. (0.1)	1st	-4	-43	28	79	138	188	240	265	222	176	69	28	
		2nd	-39	12	3	109	148	213	230	263	211	148	95	22	
		3rd	-38	-28	31	116	169	215	261	227	196	119	25	16	
	Mean Vapor Press (0.1hPa)	1st	62	45	83	111	161	218	300	346	269	209	105	77	
		2nd	47	74	67	133	170	254	282	343	252	170	124	77	
		3rd	48	53	79	139	195	258	340	283	230	145	77	73	
	Mean Rel. Humid. (%)	1st	71	67	75	77	84	89	96	89	88	88	79	80	
		2nd	69	73	67	86	84	93	91	86	90	86	83	78	
3rd		78	64	70	84	83	93	88	85	88	83	77	83		
Mean Wind Speed (0.1m/s)	1st	30	34	43	24	37	21	30	18	26	34	35	37		
	2nd	46	51	27	39	31	27	26	26	18	19	28	37		
	3rd	34	43	32	24	23	27	31	36	18	30	36	44		
Total Precip. (0.1mm)	1st	3	7	412	317	819	114	1888	13	2	1363	145	0		
	2nd	161	385	137	542	118	331	596		1418	447	361	160		
	3rd	628	13		1061	262	891	8	191	558	221	109	299		
Total Evaporation (0.1mm)	1st	194	156	261	367	379	462								
	2nd	124	172	265	398	548	453								
	3rd	100	206	404	344	588	405								
Total Sunshine (0.1hr)	1st	487	800	543	620	576	571	296	781	650	423	701	622		
	2nd	526	531	729	630	1014	504	618	1007	399	392	509	420		
	3rd	338	485	1007	662	809	418	1140	909	463	223	396	379		
Mean Cloud Amount (0.1)	1st	58	24	57	66	65	62	80	33	46	67	38	39		
	2nd	58	61	39	57	34	66	62	29	66	67	57	61		
	3rd	70	59	26	54	58	77	46	41	68	77	62	68		
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 30					15		09		27			81(44)	
		Max. Temp. < 25									04			143(116)	
		Mean Temp. < 25							04		27				86(51)
		Min. Temp. < 25							05	25					52(30)
	Continue	Max. Temp. < 30								04 - 26					23
		Max. Temp. < 25								04		15			74
		Mean Temp. < 25								19	26				39
		Min. Temp. < 25								05 - 16					12
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0							19 - 25						7(4)
		Mean Temp. < 0							18	15					29(11)
		Min. Temp. < 0							17		15				90(44)
Frost								07		28				113(15)	
Freezing								07		15				100(43)	
Snow						26				11				107(27)	
Snow Cover					26				16				83(18)		
Continue	Max. Temp. < 0							23 - 25						3	
	Mean Temp. < 0							18 - 25						8	
	Min. Temp. < 0							31	08					9	
	Frost									27 - 28				2	
	Freezing							18 - 27						10	
	Snow							18 - 21						4	
Snow Cover							23 - 28						6		

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10156	10158	10130	10060	10045	10008	10013	9984	10052	10102	10140	10156	10084
		Mean Sea Level	10237	10238	10209	10137	10121	10082	10086	10056	10126	10178	10218	10236	10160
		Highest	10336	10362	10297	10243	10241	10142	10159	10112	10211	10293	10325	10331	10362
		Date	01	25	01	20	14	10	06	01	21	30	29	30	02/25
		Lowest	10086	10029	10081	9947	9948	9955	9993	9921	10009	9837	10117	10086	9837
	Date	18	13	18	17	03	24	14	30	01	05	19	22	10/05	
(0.1)	Air Temp.	Mean	25	43	90	145	189	219	253	277	230	183	114	64	153
		Mean Max.	59	86	129	182	228	244	278	313	255	210	149	102	186
		Mean Min.	- 1	8	57	116	156	199	234	249	211	160	82	31	125
		Highest	142	159	183	248	292	290	329	344	292	267	202	186	344
		Date	04	12	30	14	30	26	31	15	08	04	05	21	08/15
	Lowest	- 89	- 41	- 39	87	114	166	206	177	172	84	16	- 29	- 89	
	Date	24	02	01	01	16	02	03	28	30	30	24	28	01/24	
(0.1hPa)	Vapor Press.	Mean	39	42	68	102	129	197	261	249	206	142	79	54	131
		Highest	95	152	147	183	218	271	334	340	288	286	172	181	340
		Date	03	13	05	16	24	24	25	12	27	03	14	21	08/12
		Lowest	11	14	17	36	39	90	182	115	106	48	18	14	11
		Date	23	05	10	18	16	01	18	31	20	09	09	16	01/23
(0.1) Mean D.P.Temp.		- 72	- 68	1	67	102	170	217	207	177	115	20	- 32	75	
Rel. Humid. (%)	Mean	51	46	57	63	60	76	82	67	74	66	55	52	62	
	Lowest	13	14	16	16	16	32	51	27	39	20	13	15	13	
	Date	12	05	10	14	16	01	14	31	20	09	16	10	11/16	
(0.1mm)	Precip.	00~24h Total	512	655	866	3010	1243	1622	1578	338	3172	1500	777	893	16166
		09~09h Total	512	655	866	3010	1243	1647	1553	338	3183	1489	777	893	16166
	Highest	1 Daily	289	497	288	531	380	559	506	333	1809	1016	433	510	1809
		Date	28	12	18	27	03	24	02	28	17	05	18	21	09/17
	6 6 - Hour	189	368	173	439	305	528	504	224	1268	788	340	491	1268	
		Date	29	13	04	16	24	24	02	28	17	05	19	22	09/17
	1 60 - Minute	205	181	256	380	64	741	383						741	
		Date	13	24	20	02	28	17	05						09/17
	10 10 - Minute	57	69	148	194	18	246	92						246	
		Date	13	24	24	02	28	17	05						09/17
2 2 - Day	450	640	298	559	405	506	919			1827	1023	449	532	1827	
	Date	28 - 29	12 - 13	04 - 05	26 - 27	02 - 03	19 - 20	02 - 03		17 - 18	04 - 05	18 - 19	21 - 22	09/17 - 09/18	
3 3 - Day	455	15	317	566	16	856	1300			1842	516			1842	
	Date	28 - 30	27 - 29	04 - 06	26 - 28	27 - 29	18 - 22	01 - 06		16 - 18	26 - 02			09/16 - 09/18	
(0.1mm)	Evapor.	Total	658	916	1157	1269	1513	1266	1501	2175	1177	899	882	678	14091
		Highest	43	52	67	82	80	76	88	89	88	57	51	35	89
	Small	Date	04	24	17	14	21	18	30	14	20	09	09	11	08/14
		Total				845	1071	858	1114	1518	797	621			6824
Large	Highest				55	80	56	76	64	73	43			80	
	Date				14	21	18	30	11	20	09			05/21	
(0.1%)	Wind	Mean Speed	49	49	36	35	30	28	28	34	42	44	43	47	39
		Highest Speed	136	133	142	194	165	117	143	125	143	294	129	150	294
		Highest Dir.	NNW	NNW	SW	WSW	SSW	WSW	WSW	ENE	ENE	NE	NNE	NNW	NE
		Date	19	14	05	17	03	24	02	28	17	05	20	27	10/05
		Highest Gust Speed	244	209	202	274	251	164	210	212	206	389	201	221	389
		Highest Gust Dir.	NNW	NNW	SSW	W	SSW	WSW	SW	WNW	NE	NNE	NNW	NW	NNE
		Date	19	14	05	17	03	24	01	31	20	05	23	06	10/05
		Resultant Speed	33	32	7	4	3	5	13	8	32	32	24	27	10
	Resultant Dir.	NNW	NNW	NNW	ESE	SW	SSE	SSW	E	E	ENE	NNE	NNW	NNE	
(0.1)	Cloud Amount	48	40	45	60	54	72	62	27	68	68	38	36	52	
	Mean Low Mid.	29	26	26	31	25	47	43	21	43	39	24	25	32	
Sunshine		1833	2210	2202	1921	2475	1528	2212	3012	1308	1261	1822	1932	23716	
(0.01MJ/m) Total Horizontal Radiation											25048	23792	20538		
Snow (0.1cm)	Highest	Snow Depth	3											3	
		Date	24												01/24
		Snowfall	3												3
		Date	24												01/24
	Total	3												3	
(0.1)	Grass Min. Temp.	Mean	- 17	- 9	27	89	119	177	218	232	199	148	61	7	104
		Lowest	- 74	- 62	- 51	45	77	104	183	176	163	67	3	- 57	- 74
		Date	24	07	01	01	01	02	18	30	23	30	25	28	01/24
(0.1)	Mean Soil Temp.	Surface	25	41	103	157	212	246	283	314	237	184	107	55	164
		0.05m Underground	35	45	90	144	192	232	265	291	235	189	121	70	159
		0.1m "	43	49	91	144	191	231	263	292	238	195	129	78	162
		0.2m "	46	51	91	143	189	229	261	291	239	197	132	82	163
		0.3m "	51	53	90	141	186	227	258	289	240	200	138	87	163
		0.5m "	56	59	97	145	190	230	260	302	246	202	140	87	168
		1.0m "	89	72	93	132	169	208	235	272	248	218	170	121	169
		1.5m "	119	94	99	123	151	183	211	240	241	223	190	150	169
3.0m "	169	149	135	134	142	156	177	195	212	215	207	190	173		
5.0m "	184	177	168	160	155	155	160	168	178	187	192	192	173		
(0.01hr) Dur. of Precip.		9072	4619	6266	11802	9456	8809	9850	2638	15903	10845	5674	6243	101177	
(0.01hr) Dur. of Fog			970	984	1083	358	475	4582		55		142		8649	

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	73	66	76	71	72	45	10	71	64	237	113	65	237
		NE	103	63	88	135	58	77	33	94	102	274	58	41	274
		ENE	112	61	92	126	90	74	60	108	141	222	89	87	222
		E	101	58	86	109	67	87	60	95	81	104	98	65	109
		ESE	33	56	39	62	32	60	61	62	43	71	36	23	71
		SE	15	57	59	93	49	51	78	47	38	37	58	18	93
		SSE	13	15	33	32	48	25	20	34	30	11	29	16	48
		S	8	23	37	92	119	31	15	37	31	15	25	37	119
		SSW	30	110	128	173	124	39	63	37	77	26	44	36	173
		SW	47	83	134	132	71	79	139	62	79	48	65	115	139
		WSW	58	106	93	173	114	115	82	100	64	57	62	80	173
		W	61	111	67	189	107	68	59	105	43	27	39	108	189
		WNW	110	103	69	134	88	78	48	104	37	71	62	95	134
		NW	95	99	94	96	93	76	50	95	33	81	119	111	119
		NNW	125	125	99	96	117	86	89	84	51	87	110	149	149
	(0.1%)	N	79	86	69	51	58		12	57	49	79	95	88	95
	Hourly Occurrence Percentage	CALM	9	11	19	44	46	58	77	44	35	24	15	28	34
		NNE	31	33	34	11	7	6	1	7	11	27	32	36	20
		NE	30	16	39	32	24	19	12	16	40	43	32	15	27
		ENE	106	59	114	146	128	128	91	200	417	336	242	157	177
		E	30	50	95	138	124	142	81	140	213	274	119	75	123
		ESE	8	30	32	67	69	74	66	54	47	39	22	8	43
		SE	4	20	71	133	91	156	125	173	42	28	15	7	72
		SSE	5	3	15	19	22	35	13	15	15	4	4	5	13
		S	1	7	16	15	20	18	11	19	13	4	8	8	12
		SSW	5	19	39	22	38	35	23	23	21	9	8	15	21
		SW	30	55	130	106	140	125	289	95	76	27	35	48	97
WSW		38	60	106	76	90	96	147	66	15	20	26	32	65	
W		60	59	32	54	63	35	31	27	10	13	31	46	38	
WNW		107	85	36	56	39	35	13	36	17	17	51	93	49	
NW		145	122	52	39	46	26	5	26	11	20	76	125	58	
NNW	325	323	136	33	39	14	11	52	10	69	203	239	121		
(0.1%)	N	66	47	32	8	16		4	7	8	44	79	63	31	
Number of Days With Classified	Daily Max. Temp.	0.0	3											3	
		0.1 ~ 10.0	25	20	6								2	14	67
		10.1 ~ 20.0	3	9	25	22	4				1	15	27	17	123
	Daily Mean Temp.	20.1 ~ 30.0				8	27	30	22	6	29	16	1		139
		30.1							9	25					34
		-5.0	1												1
	Daily Min. Temp.	-4.9 ~ 0.0	6	4											10
		0.1 ~ 10.0	24	23	16								12	27	102
		10.1 ~ 20.0		2	15	30	21	2		1	1	24	18	4	118
	Daily Min. Temp.	20.1					10	28	31	30	29	7			135
		-15.0													
		-14.9 ~ -5.0	4												4
	Daily Max. Precip.	-4.9 ~ 0.0	10	13	4									7	34
		0.1 ~ 10.0	17	14	21	4						1	20	24	101
		10.1		2	6	26	31	30	31	31	30	30	10		227
	60 - Minute Max. Precip.	0.1mm	8	5	8	12	11	14	9	3	13	11	8	6	108
		10.0mm	2	2	4	7	3	4	4	1	4	3	2	3	39
		30.0mm		1		5	3	2	3	1	3	1	1	1	21
	10 - Minute Max. Precip.	80.0mm									1	1			2
		100.0mm										1	1		2
		1.0mm				10	8	8	6	1	7	7			47
	Daily Max. New Snowfall	6.0mm				6	2	4	4	1	4	2			23
		10.0mm				4	1	3	3		2	1			14
		20.0mm				1		2	1		1	1			6
	Daily Max. Snow Depth	30.0mm							1		1	1			3
		0.1mm				12	11	14	9	3	13	11			73
		1.0mm				8	5	5	5	1	4	4			32
Daily Min. Rel. Humid.	5.0mm				1	1	3	2		1	1			9	
	10.0mm						2	1		1				4	
	30.0mm													1	
Daily Max. Wind speed	0.1cm	1												1	
	5.0cm														
	10.0cm														
Daily Min. Rel. Humid.	30.0cm														
	0.1cm														
	5.0cm														
Daily Max. Wind speed	10.0cm														
	20.0cm														
	30.0cm														
Daily Min. Rel. Humid.	20%	5	8	3	4	4					1	2	6	33	
	21 ~ 30%	6	11	10	4	7				1	1	9	9	58	
	31 ~ 40%	13	6	5	10	7				2	1	6	7	68	
Daily Max. Wind speed	41 ~ 50%	2	2	8	1	5	3			12	5	7	6	56	
	51 ~ 70%	5	1	5	6	6	17	20	16	18	13	4	5	116	
	71%		1		5	2	5	11		6	3	2		35	
Daily Max. Wind speed	0.5 ~ 3.3%					1	3	1						5	
	3.4 ~ 7.9%	10	6	17	19	22	22	27	23	19	16	13	15	209	
	8.0 ~ 13.8%	21	23	13	9	7	5	1	8	8	14	17	11	137	
Daily Max. Wind speed	13.9%				1	2	1		2		3	1	5	15	

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Number of Days With Phenomena	Snow	7	4											1	12	
	Sleet															
	Snow Pellet															
	Hail															
	Fog		2	3	3	1	2	7		1		1			20	
	Frost													1	1	
	Freezing	19	17	4									1	13	54	
	Haze	10	4	6	6	5					2	1	2	8	44	
	Yellow Sand				4	1									5	
	Thunder Storm				1			2	4	2	1			1	11	
	Sunshine (0%)	4	2	3	6	2	5	5	0	6	5	2	4	4	44	
	< 20%	6	3	7	11	7	13	9	2	13	14	7	7	7	99	
	80%	10	16	16	9	12	3	7	18	4	3	12	16	16	126	
	Cloud Amount	5	12	8	4	6	3	2	17	2	3	14	14	14	90	
	2.5 ~ 5.4	17	8	9	8	9	2	12	8	8	7	4	8	8	100	
5.5 ~ 7.4	5	2	7	6	8	9	8	5	4	6	7	3	3	70		
7.5	4	7	7	12	8	16	9	1	16	15	5	6	6	106		
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10239	10238	10222	10146	10106	10105	10098	10088	10080	10146	10223	10224		
		2nd	10206	10203	10202	10150	10157	10062	10057	10050	10137	10200	10193	10241		
		3rd	10263	10279	10204	10115	10101	10080	10101	10033	10160	10187	10237	10242		
	Mean Temp. (0.1)	1st	54	23	82	137	174	207	240	283	246	206	118	77		
		2nd	19	62	83	143	182	225	244	294	226	188	144	63		
		3rd	4	45	105	156	210	223	273	255	218	159	79	53		
	Mean Max.Temp. (0.1)	1st	92	69	121	176	210	237	261	316	276	233	157	119		
		2nd	55	102	121	176	224	249	269	329	247	217	176	92		
		3rd	32	85	143	193	249	248	302	294	243	182	113	95		
	Mean Min.Temp. (0.1)	1st	25	-12	49	107	143	185	224	256	225	181	81	40		
		2nd	-6	30	49	113	143	205	227	269	209	166	115	34		
		3rd	-21	8	71	128	180	207	251	225	200	137	52	20		
	Mean D.P.Temp. (0.1)	1st	-43	-110	4	69	90	143	218	227	196	147	21	-33		
		2nd	-83	-24	-7	56	91	187	203	225	169	120	62	-26		
		3rd	-90	-72	6	76	123	181	229	172	167	80	-23	-37		
	Mean Vapor Press (0.1hPa)	1st	47	27	73	102	120	165	261	277	229	176	77	51		
		2nd	35	60	64	96	119	216	239	273	195	142	102	57		
		3rd	35	39	68	108	146	209	281	202	195	111	57	54		
	Mean Rel. Humid. (%)	1st	51	38	61	67	62	68	88	73	75	71	53	47		
		2nd	48	57	56	60	59	80	79	67	72	66	62	55		
		3rd	52	44	53	62	60	78	78	62	74	61	50	54		
	Mean Wind Speed (0.1m/s)	1st	38	53	40	26	37	28	29	25	35	48	46	38		
		2nd	52	48	32	42	29	26	28	27	55	33	35	46		
		3rd	55	47	37	37	26	30	27	49	36	51	47	55		
Total Precip. (0.1mm)	1st	37		571	983	824	98	1300	2	798	1218	7	0			
	2nd	16	640	291	985	70	715	278	0	1907	194	716	182			
	3rd	459	15	4	1042	349	809		336	467	88	54	711			
Total Evaporation (0.1mm)	1st	217	357	300	336	416	482	309	688	449	297	347	258			
	2nd	204	261	381	501	516	444	414	774	437	288	266	215			
	3rd	237	298	476	432	581	340	778	713	291	314	269	205			
Total Sunshine (0.1hr)	1st	709	910	568	566	551	615	402	1006	501	474	805	726			
	2nd	590	637	773	688	1007	501	646	1100	446	495	520	592			
	3rd	534	663	861	667	917	412	1164	906	361	292	497	614			
Mean Cloud Amount (0.1)	1st	35	12	53	65	67	63	80	24	63	61	24	24			
	2nd	48	65	43	56	40	74	66	20	70	67	45	37			
	3rd	59	45	40	59	55	78	42	36	72	75	43	47			
First and Last of Seasonal Phenomena	Genesis	Max. Temp. 30						14	26						44(34)	
		Max. Temp. 25					17				06				143(96)	
		Mean Temp. 25							06		08				65(45)	
		Min. Temp. 25							25	24					31(30)	
	Continue	Max. Temp. 30								04 - 26						23
		Max. Temp. 25							12	27						47
		Mean Temp. 25							23	25						34
		Min. Temp. 25								04 - 24						21
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6		
	Genesis	Max. Temp. < 0							19 - 24							6(3)
		Mean Temp. < 0							19	15						28(10)
		Min. Temp. < 0						17			12					87(36)
Frost							19								1(1)	
Freezing							16			12					88(46)	
Snow						26			29						96(15)	
Continue	Snow Cover							19							6(2)	
	Max. Temp. < 0							23 - 24							2	
	Mean Temp. < 0							19 - 25							7	
	Min. Temp. < 0							18 - 26							9	
	Frost					19 - 19									1	
	Freezing							18 - 27							10	
Snow	Snow								15 - 17						3	
	Snow Cover							24 - 24							1	

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10155	10152	10123	10045	10031	9990	9987	9974	10037	10091	10132	10153	10073
		Mean Sea Level	10251	10248	10217	10137	10121	10078	10075	10060	10125	10181	10225	10248	10164
		Highest	10343	10370	10308	10251	10231	10135	10150	10118	10210	10306	10342	10344	10370
		Date	01	25	01	19	14	10	07	01	21	30	29	30	02/25
		Lowest	10121	10020	10088	9940	9941	9960	9953	9961	9991	10025	10110	10095	9940
	Date	18	13	18	16	03	24	16	31	01	05	19	22	04/16	
(0.1)	Air Temp.	Mean	30	42	68	108	157	192	229	256	214	169	109	66	137
		Mean Max.	54	72	108	149	196	226	261	295	246	192	134	96	169
		Mean Min.	12	17	39	79	124	168	206	231	192	153	90	43	113
		Highest	138	135	165	202	261	266	308	316	283	236	201	161	316
		Date	02	13	31	26	21	26	31	09	01	04	05	21	08/09
		Lowest	- 87	- 33	- 8	38	92	141	173	175	164	92	34	11	- 87
	Date	24	15	01	01	07	04	03	28	20	31	24	15	01/24	
(0.1hPa)	Vapor Press.	Mean	55	60	78	110	153	213	277	314	246	178	114	83	157
		Highest	131	152	156	176	224	295	415	419	356	284	201	178	419
		Date	02	13	31	16	27	23	26	13	27	03	05	21	08/13
		Lowest	24	28	32	25	53	97	199	181	152	74	56	40	24
	Date	24	29	15	05	17	03	03	31	22	30	23	16	01/24	
(0.1) Mean D.P.Temp.		- 19	- 11	26	79	131	184	226	247	207	153	81	36	112	
Rel. Humid. (%)	Mean	71	70	77	85	87	96	99	95	97	91	84	82	86	
	Lowest	42	36	24	10	26	42	86	61	62	50	49	46	10	
	Date	16	08	31	05	17	25	19	31	22	31	25	11	04/05	
(0.1mm)	Precip.	00-24h Total	211	281	539	1825	1067	1436	1759	413	2013	1282	530	475	11831
		09-09h Total													
	Highest	1 Daily	70	175	290	541	301	713	556	309	1361	238	125	315	1361
		Date	29	12	05	27	02	24	03	27	17	16	18	21	09/17
	6 6 - Hour		41	131	281	413	197	482	424	140	1122	196	121	251	1122
		Date	29	12	05	21	03	24	03	27	17	16	18	22	09/17
	1 60 - Minute					124	99	198	211	49	537	128			537
		Date				27	02	20	16	27	17	25			09/17
	10 10 - Minute					33	71	102	101	16	209	71			209
		Date				27	02	20	16	27	17	25			09/17
2 2 - Day		107	236		596	485	26	975	394	1616	377	164	64	1616	
	Date	28 - 29	11 - 12		27 - 28	02 - 03	28 - 29	02 - 03	27 - 28	16 - 17	07 - 08	13 - 14	18 - 19	09/16 - 09/17	
3 3 - Day		54	263		645			1186	412	1743	603			1743	
	Date	23 - 25	11 - 15		26 - 28			01 - 04	26 - 28	16 - 18	28 - 05			09/16 - 09/18	
(0.1mm)	Evapor.	Total													
		Highest													
(0.1mm)	Small	Total													
		Highest													
(0.1mm)	Large	Total													
		Highest													
(0.1%)	Wind	Mean Speed	60	65	53	46	44	36	50	29	34	58	60	65	50
		Highest Speed	147	190	166	245	198	138	160	105	161	170	162	173	245
		Highest Dir.	NNW	SSE	N	SSE	SSE	SSE	SSE	SSW	ENE	N	NNW	NNW	SSE
		Date	19	12	23	16	02	15	16	31	17	09	22	27	04/16
		Highest Gust Speed	251	247	215	349	268	182	202	185	251	220	215	228	349
		Highest Gust Dir.	NNW	SSE	NNW	SSE	S	SSE	SSE	WSW	SSE	N	NNW	NNW	SSE
		Date	24	12	23	16	02	15	16	31	17	09	08	27	04/16
		Resultant Speed	52	29	22	1	7	11	36	9	15	37	34	46	15
	Resultant Dir.	NNW	NNW	N	ENE	SSW	S	SSE	N	NNE	NNE	N	N	N	
(0.1)	Cloud Amount	Mean	70	55	43	66	56	73	69	25	58	73	59	63	59
		Mean Low Mid.	59	44	22	42	30	52	55	16	39	50	45	52	42
Sunshine	Total(0.1hr)	811	1457	2231	1753	2008	1356	1547	3014	1664	997	1261	1130	19229	
	Perc.(0.1%)	258	459	600	447	463	313	351	724	448	285	405	369	431	
(0.01MJ/m) Total Horizontal Radiation		18630	30614	52637	51941	62293	51496	53541	69998	43363	29974	24649	21197	510333	
(0.1cm)	Snow	Snow Depth	73	3										73	
		Date	25	15											01/25
		Snowfall	60	3											60
		Date	19	15											01/19
	Total	143	4											147	
(0.1)	Grass Min. Temp.	Mean	4	- 4	7	63	122	165	211	217	174	146	78	10	99
		Lowest	- 28	- 38	- 74	23	94	111	188	176	125	87	2	- 31	- 74
		Date	18	08	12	10	08	03	15	28	23	30	26	31	03/12
(0.1)	Mean Soil Temp.	Surface	46	52	87	140	184	230	265	307	245	187	124	78	162
		0.05m													
		0.1m													
		0.2m													
		0.3m													
		0.5m													
		1.0m													
		1.5m													
3.0m															
	5.0m														
(0.01hr) Dur. of Precip.		15819	11528	3593	10184	8440	8851	10276	3326	9890	12428	7476	6726	108537	
(0.01hr) Dur. of Fog		330	3195	3708	16935	4308	18107	21064	300	3379	1853	1677	608	75464	

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	101	62	111	99	46	65	41	88	107	100	86	102	111
		NE	65	51	80	54	41	56	38	55	103	69	58	51	103
		ENE	36	16	77	81	24	65	63	53	141	57	39	45	141
		E	32	16	36	58	24	71	51	49	35	59	40	38	71
		ESE	26	29	37	70	30	53	30	39	27	71	46	26	71
		SE	32	133	73	131	126	112	146	46	97	116	89	146	146
		SSE	27	183	98	245	190	137	147	53	149	132	107	150	245
		S	54	124	122	147	100	124	111	51	83	109	77	124	147
		SSW	37	95	83	130	18	53	94	88	90	48	63	48	130
		SW	21	81	79	117	79	10	71	74	33		51	94	117
		WSW	26	80	57	112	86	85	47	63	34	28	51	104	112
		W	35	66	26	89	85	65	53	55	28	29	43	37	89
		WNW	52	54	33	114	61	46	33	58	30	20	30	61	114
		NW	98	92	46	91	66	50	40	78	38	39	49	90	98
	NNW	137	144	102	74	106	98	57	91	56	138	148	163	163	
	(0.1%)	N	124	133	149	91	100	87	62	95	102	166	155	154	166
	Hourly Occurrence Percentage	CALM	9	1	13	36	32	25	11	22	15	1	4	12	15
		NNE	105	29	67	89	48	44	40	70	176	220	101	111	92
		NE	15	9	30	21	20	15	13	28	72	83	40	28	31
		ENE	13	3	12	15	12	22	23	30	36	46	32	7	21
		E	12	4	13	11	8	18	13	55	18	28	8	7	17
		ESE	7	16	19	11	15	18	9	69	17	35	24	1	20
		SE	3	45	22	53	24	46	120	63	43	59	54	17	46
		SSE	9	86	81	147	194	207	216	152	101	70	103	56	118
		S	31	75	164	107	144	211	328	67	60	19	58	54	110
		SSW	28	32	9	7	8	13	20	9	19	3	22	17	16
		SW	4	43	11	7	8	6	8	7	6		13	23	11
		WSW	20	23	1	11	13	7	9	3	4	1	13	42	12
W		44	17	17	22	40	24	32	20	7	4	17	21	22	
WNW		54	22	19	42	46	47	12	28	15	4	29	27	29	
NW	153	75	66	111	108	67	31	54	61	20	28	52	69		
NNW	264	365	219	181	194	126	66	167	143	91	135	251	183		
(0.1%)	N	228	157	237	129	86	104	47	157	206	315	319	272	188	
Number of Days With Classified	Daily Max. Temp.	0.0	3											3	
		0.1 ~ 10.0	24	23	13								7	15	82
		10.1 ~ 20.0	4	6	18	29	16	2			1	18	22	16	132
		20.1 ~ 30.0				1	15	28	28	12	29	13	1		127
	Daily Mean Temp.	30.1							3	19					22
		-5.0	1												1
		-4.9 ~ 0.0	5	1											6
		0.1 ~ 10.0	25	27	27	10							15	27	131
	Daily Min. Temp.	10.1 ~ 20.0		1	4	20	31	25	1	1	9	27	15	4	138
		20.1						5	30	30	21	4			90
		-15.0													
		-14.9 ~ -5.0	2												2
	Daily Precip.	-4.9 ~ 0.0	7	6	1										14
		0.1 ~ 10.0	22	23	30	28	4					1	18	31	157
		10.1				2	27	30	31	31	30	30	12		193
		0.1mm	9	8	3	10	9	8	8	4	6	15	11	6	97
	60 - Minute Max. Precip.	10.0mm		1	2	5	5	4	5	1	4	7	3	1	38
		30.0mm				2	1	2	2	1	1			1	10
		80.0mm									1				1
		100.0mm									1				1
	10 - Minute Max. Precip.	1.0mm				10	7	4	7	2	5	10			45
		6.0mm				4	2	3	5		1	3			18
		10.0mm				2		2	4		1	2			11
		20.0mm							1		1				2
Daily Max. New Snowfall	30.0mm									1				1	
	0.1cm	6	1											7	
	5.0cm	1												1	
	10.0cm														
Daily Max. Snow Depth	30.0cm	9	1											10	
	0.1cm	3												3	
	5.0cm														
	10.0cm														
Daily Min. Rel. Humid.	20%				1									1	
	21 ~ 30%			2	4	1								7	
	31 ~ 40%		4	4	4	2								14	
	41 ~ 50%	8	11	8	1	6	2				2	2	2	42	
Daily Max. Wind speed	51 ~ 70%	21	11	10	6	7	2		4	5	8	16	16	106	
	71%	2	3	7	14	15	26	31	27	25	21	12	13	196	
	0.5 ~ 3.3%	2	1						6	2				12	
	3.4 ~ 7.9%	8	2	13	14	17	19	17	21	20	13	11	9	164	
Daily Max. Wind speed	8.0 ~ 13.8%	17	20	14	14	10	11	11	4	7	13	13	12	146	
	13.9%	4	6	4	2	4		3		1	5	6	9	44	

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Number of Days With Phenomena	Snow	11	11	3									1	3	29	
	Sleet	1	2	1									1	4	9	
	Snow Pellet															
	Hail															
	Fog	1	2	6	17	8	22	18	3	6	5	5	3		96	
	Frost		5	3											8	
	Freezing	11	14	4											29	
	Haze	6	6	2	1								2	2	19	
	Yellow Sand			1	3	1							2		7	
	Thunder Storm			1	1			2	5	2	1	1		1	14	
	Sunshine (0%)	7	4	2	7	0	7	5	1	8	6	4	3		54	
	< 20%	16	8	5	9	8	13	10	3	10	16	13	13		124	
	80%	0	4	11	6	7	1	0	20	7	3	6	3		68	
	Cloud Amount	1	7	9	5	7	1	1	19	6	3	4	1		64	
2.5 ~ 5.4	6	5	11	5	4	7	9	8	8	4	9	12		88		
5.5 ~ 7.4	9	8	6	4	8	5	5	2	4	7	5	5		68		
7.5	15	9	5	16	12	17	16	2	12	17	12	13		146		
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10249	10251	10226	10149	10102	10104	10086	10086	10081	10151	10229	10238		
		2nd	10222	10206	10212	10144	10157	10057	10051	10054	10134	10203	10194	10249		
		3rd	10278	10291	10214	10117	10106	10075	10086	10041	10160	10189	10252	10255		
	Mean Temp. (0.1)	1st	57	32	63	93	139	183	213	261	226	188	116	80		
		2nd	26	53	64	110	154	194	221	268	213	170	131	68		
		3rd	10	40	78	122	175	200	249	241	201	150	79	51		
	Mean Max.Temp. (0.1)	1st	84	60	97	135	173	221	244	301	260	209	143	112		
		2nd	50	84	102	149	198	227	252	308	245	195	155	97		
		3rd	31	72	123	164	216	231	284	277	234	173	106	81		
	Mean Min.Temp. (0.1)	1st	38	10	35	65	108	154	190	237	201	172	96	53		
		2nd	8	27	38	81	115	171	197	243	193	153	112	46		
		3rd	-8	13	44	91	146	178	228	214	182	136	62	31		
	Mean D.P.Temp. (0.1)	1st	6	-31	28	65	119	173	211	255	221	173	88	46		
		2nd	-33	11	17	92	119	190	218	260	206	155	111	39		
		3rd	-28	-14	33	80	152	191	247	227	193	132	44	26		
	Mean Vapor Press (0.1hPa)	1st	67	49	82	100	142	198	251	328	268	204	119	87		
		2nd	49	73	73	118	141	220	262	338	245	177	135	85		
		3rd	51	58	80	112	174	222	314	279	226	156	87	77		
	Mean Rel. Humid. (%)	1st	70	64	80	86	89	95	99	97	97	92	84	80		
		2nd	66	76	74	90	83	98	98	96	96	92	89	82		
		3rd	77	69	76	80	88	95	99	92	96	90	80	84		
	Mean Wind Speed (0.1m/s)	1st	49	61	67	37	64	27	42	20	33	70	57	59		
		2nd	60	74	46	59	43	40	45	27	39	41	55	67		
		3rd	71	59	47	41	25	40	62	39	31	64	70	69		
Total Precip. (0.1mm)	1st	3	2	347	303	669	135	1186	1	0	710	169	0			
	2nd	47	263	192	533	139	357	481		1743	240	290	67			
	3rd	161	16		989	259	944	92	412	270	332	71	408			
Total Evaporation (0.1mm)	1st															
	2nd															
	3rd															
Total Sunshine (0.1hr)	1st	318	572	547	580	509	624	267	982	696	424	507	564			
	2nd	243	428	709	570	894	386	615	1058	472	367	485	322			
	3rd	250	457	975	603	605	346	665	974	496	206	269	244			
Mean Cloud Amount (0.1)	1st	62	39	57	72	66	64	84	22	42	66	54	43			
	2nd	70	68	43	67	37	76	59	21	65	67	52	69			
	3rd	78	60	30	58	65	79	65	33	66	84	71	76			
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 30							26	24					30(22)	
		Max. Temp. < 25						21			27				130(68)	
		Mean Temp. < 25								25						32(29)
		Min. Temp. < 25									14 - 15					2(2)
	Continue	Max. Temp. < 30									04 - 15					12
		Max. Temp. < 25								22	26					36
		Mean Temp. < 25									04 - 25					22
		Min. Temp. < 25									14 - 15					2
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6		
	Genesis	Max. Temp. < 0								19 - 24						6(3)
		Mean Temp. < 0								19	15					28(5)
		Min. Temp. < 0					26					01				97(17)
Frost											08				43(8)	
Freezing								17							87(30)	
Snow						26						11			107(29)	
Continue	Snow Cover						16			15					62(12)	
	Max. Temp. < 0								23 - 24						2	
	Mean Temp. < 0								23 - 25						3	
	Min. Temp. < 0								18 - 25						8	
	Frost									08 - 10					3	
	Freezing									18 - 26					9	
Snow									18 - 25					8		
Snow Cover									23 - 26					4		

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2016

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10203	10205	10172	10096	10082	10043	10045	10019	10085	10139	10182	10202	10123
		Mean Sea Level	10247	10249	10215	10139	10123	10083	10085	10059	10126	10181	10225	10245	10165
		Highest	10347	10375	10306	10244	10237	10138	10157	10115	10215	10301	10335	10341	10375
		Date	01	25	01	19	14	18	07	01	21	30	29	30	02/25
		Lowest	10112	10033	10082	9963	9956	9969	10000	9946	10012	9907	10125	10106	9907
	Date	18	13	18	16	03	24	16	30	01	05	19	22	10/05	
(0.1)	Air Temp.	Mean	27	44	86	145	184	215	255	272	228	179	107	64	151
		Mean Max.	58	85	137	194	236	252	291	319	268	213	148	107	192
		Mean Min.	0	7	42	103	138	189	226	236	198	150	73	28	116
		Highest	146	169	204	239	294	299	335	356	320	280	210	202	356
		Date	03	13	30	25	30	19	31	12	04	04	05	22	08/12
	Lowest	-80	-28	-21	80	105	143	198	170	159	78	21	-19	-80	
	Date	24	03	12	06	05	03	18	28	23	30	24	30	01/24	
(0.1hPa)	Vapor Press.	Mean	56	60	84	131	165	236	308	305	249	178	100	73	162
		Highest	121	189	197	221	271	338	412	408	346	336	189	217	412
		Date	03	13	05	16	15	19	29	11	05	03	19	21	07/29
		Lowest	19	23	26	24	60	109	228	147	164	35	25	21	19
		Date	22	25	12	10	01	02	18	29	21	30	09	11	01/22
(0.1) Mean D.P.Temp.		-19	-14	33	104	141	200	244	242	209	150	57	14	113	
Rel. Humid. (%)	Mean	73	68	72	80	79	92	95	85	90	85	74	72	80	
	Lowest	28	22	21	21	23	41	61	43	48	21	11	14	11	
	Date	22	25	12	24	01	03	25	31	20	30	16	11	11/16	
(0.1mm)	Precip.	00-24h Total	650	716	702	2689	1089	1409	2249	309	2572	1754	1126	819	16084
		09-09h Total													
	Highest	1 Daily	241	549	202	639	372	436	598	254	1248	870	646	326	1248
		Date	28	12	05	27	03	24	12	28	17	05	18	19	09/17
	6	6 - Hour	157	213	130	569	326	419	500	218	924	715	509	164	924
		Date	28	12	09	16	03	24	02	28	17	05	19	19	09/17
	1	60 - Minute				171	107	276	364	62	262	227			364
		Date				21	03	24	02	28	17	05			07/02
	10	10 - Minute				38	34	100	116	13	83	65			116
		Date				16	03	24	02	28	17	05			07/02
2	2 - Day	439	682	313	691	590	304	1069	293	1387	914	671	330	1387	
	Date	28 - 29	12 - 13	04 - 05	26 - 27	02 - 03	21 - 22	01 - 02	27 - 28	16 - 17	04 - 05	18 - 19	18 - 19	09/16 - 09/17	
3	3 - Day	125	687		740	92	557	1531	309	1431	835		251	1531	
	Date	17 - 19	11 - 15		26 - 28	27 - 29	18 - 22	01 - 07	26 - 28	16 - 18	28 - 01		21 - 23	07/01 - 07/07	
(0.1mm)	Evapor.	Small	Total												
			Highest												
	Large	Total													
		Highest													
(0.1%)	Wind	Mean Speed	28	33	24	28	28	24	26	24	18	24	22	26	25
		Highest Speed	114	135	96	161	151	94	104	112	101	142	86	109	161
		Highest Dir.	SW	E	E	SW	ESE	ENE	SSE	W	SE	NW	SE	SSW	SW
		Date	19	12	05	17	03	01	02	30	02	05	06	21	04/17
		Highest Gust Speed	191	192	161	227	227	121	215	168	151	281	145	192	281
		Highest Gust Dir.	SW	WSW	ESE	SW	E	NNE	S	W	SW	NW	NW	SSW	NW
		Date	19	29	05	17	03	04	02	30	17	05	22	21	10/05
		Resultant Speed	23	20	6	8	8	11	13	4	9	7	7	16	1
	Resultant Dir.	WSW	SW	SW	E	E	ENE	E	ESE	ESE	ESE	NNW	NNW	SE	
Cloud Amount (0.1)		Mean													
		Mean Low Mid.													
Sunshine		Total(0.1hr)	1236	1765	2122	1841	2158	1300	2073	2791	1274	957	1557	1452	20526
		Perc.(0.1%)	393	555	571	470	498	300	471	671	343	273	500	472	460
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Total	5												5
(0.1)	Grass Min. Temp.	Mean	-7	-7	29	99	138	196	234	236	205	135	31	-14	106
		Lowest	-79	-45	-36	6	97	146	208	170	161	42	-32	-77	-79
		Date	24	03	02	10	17	03	03	29	21	30	26	11	01/24
		Surface	30	47	104	172	213	253	296	331	252	181	94	46	168
(0.1)	Mean Soil Temp.	0.05m													
		0.1m													
		0.2m													
		0.3m													
		0.5m													
		1.0m													
		1.5m													
		3.0m													
	5.0m														
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	18	25	40	95	43	79	45	19	28	48	38	28	95
		NE	32	65	56	99	72	90	82	35	42	48	13	20	99
		ENE	37	84	59	98	101	85	82	66	59	47	15	17	101
		E	15	104	91	73	134	56	73	68	57	84	19	16	134
		ESE	15	80	83	54	56	31	83	67	73	76	66	31	83
		SE	20	58	60	55	56	17	64	62	94	73	75	28	94
		SSE	22	79	60	72	28	47	58	14	32	57	68	67	79
		S	39	57	63	42	61	65	75	14	42	47	33	66	75
		SSW	37	71	47	88	84	59	51	50	66	56	17	103	103
		SW	106	123	69	143	98	50	49	57	38	35	19	17	143
		WSW	85	86	62	66	53	31	36	61	42	63	32	54	86
		W	72	60	67	38	43	22	28	105	43	70	34	30	105
		WNW	39	34	35	23	12	10	16	55	22	81	42	79	81
		NW	22	26	55	30	22	17	6	49	25	64	67	94	94
	NNW	30	11	28	25	10	18	14	26	11	92	72	72	92	
	(0.1%)	N	21	16	27	40	19	34	23	17	17	68	69	54	69
	Hourly Occurrence Percentage	CALM	68	62	73	94	70	83	118	75	99	78	79	74	81
		NNE	27	20	54	57	48	100	47	11	38	22	47	19	41
		NE	23	24	78	157	112	175	129	42	71	27	8	12	71
		ENE	19	55	63	122	175	201	165	105	101	23	8	12	87
		E	32	40	56	69	90	65	82	140	122	114	25	36	73
		ESE	24	23	34	26	28	35	60	113	94	114	38	48	53
		SE	17	13	30	38	15	26	39	74	85	121	86	38	48
		SSE	9	33	48	24	40	21	46	51	65	43	63	39	40
		S	28	30	40	56	47	53	46	38	86	52	79	51	50
		SSW	63	82	79	97	109	82	112	30	64	47	35	36	70
		SW	220	199	106	107	95	67	60	46	40	38	35	15	85
		WSW	262	302	169	43	77	15	28	91	32	31	22	16	90
W		123	79	74	42	42	18	13	86	50	44	29	24	52	
WNW		43	16	30	22	12	4	9	40	25	69	51	64	32	
NW	13	9	12	13	15	13	4	35	13	71	100	166	39		
NNW	17	6	17	11	3	6	8	19	7	62	206	283	54		
(0.1%)	N	9	7	36	22	23	36	32	5	8	43	89	66	32	
Number of Days With Classified	Daily Max. Temp.	0.0	3												3
		0.1 ~ 10.0	24	20	5								4	13	66
		10.1 ~ 20.0	4	9	25	18	3	1			1	11	25	15	112
		20.1 ~ 30.0			1	12	28	29	20	6	26	20	1	2	145
	Daily Mean Temp.	30.1							11	25	3				39
		-5.0	1												1
		-4.9 ~ 0.0	6	3											9
		0.1 ~ 10.0	24	22	19								13	27	105
	Daily Min. Temp.	10.1 ~ 20.0		4	12	29	21	4			1	24	17	4	116
		20.1					10	26	31	31	29	7			134
		-15.0													
		-14.9 ~ -5.0	2												2
	Daily Precip.	-4.9 ~ 0.0	12	18	3									5	38
		0.1 ~ 10.0	17	10	26	16							23	26	120
		10.1		1	2	14	31	30	31	31	30	29	7		206
		0.1mm	9	9	7	12	12	14	14	3	13	12	9	8	122
	60 - Minute Max. Precip.	10.0mm	3	2	4	7	4	5	5	1	5	3	2	3	44
		30.0mm		1		3	1	2	4		2	2	1	1	17
		80.0mm									1	1			2
		100.0mm													1
10 - Minute Max. Precip.	1.0mm				10	7	9	5	2	8	10			51	
	6.0mm				6	3	4	4	1	6	2			26	
	10.0mm				3	1	2	4		2	2			14	
	20.0mm						1	3		1	1			6	
Daily Max. New Snowfall	30.0mm							1						1	
	0.1mm				12	12	14	14	3	13	12			80	
	1.0mm				6	4	5	5	1	7	6			34	
	5.0mm						1	3		1	1			6	
Daily Max. Snow Depth	10.0mm						1	3						4	
	0.1cm														
	5.0cm														
	10.0cm														
Daily Min. Rel. Humid.	30.0cm														
	20%												2	2	4
	21 ~ 30%	1	3	3	8	2					1	2	4	24	
	31 ~ 40%	4	11	10	2	6					1	3	1	38	
Daily Max. Wind speed	41 ~ 50%	9	6	11	4	7	4		3	2	4	7	8	65	
	51 ~ 70%	13	7	3	6	10	3	6	22	12	10	10	12	114	
	71%	4	2	4	10	6	23	25	6	16	15	6	4	121	
	0.5 ~ 3.3%	5		1	1	1	2	2	1	6	7	3	6	35	
Daily Max. Wind speed	3.4 ~ 7.9%	22	18	29	21	25	25	23	28	21	21	26	22	281	
	8.0 ~ 13.8%	4	11	1	7	3	3	6	2	3	2	1	3	46	
	13.9%				1	2						1		4	

Element		1	2	3	4	5	6	7	8	9	10	11	12	
Number of Days With Phenomena	Snow													
	Sleet													
	Snow Pellet													
	Hail													
	Fog													
	Frost													
	Freezing													
	Haze													
	Yellow Sand													
	Thunder Storm													
Sunshine (0%)	4	1	2	4	2	8	4	1	7	6	5	4	48	
< 20%	9	5	7	8	7	16	8	2	11	16	8	9	106	
80%	1	11	10	6	9	3	2	8	3	2	6	8	69	
Cloud Amount	2.4													
2.5 ~ 5.4														
5.5 ~ 7.4														
7.5														
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10248	10251	10227	10148	10108	10105	10095	10088	10082	10149	10230	10235
		2nd	10218	10210	10207	10151	10159	10063	10058	10053	10136	10202	10198	10248
		3rd	10273	10290	10212	10117	10105	10081	10100	10039	10160	10190	10247	10253
	Mean Temp. (0.1)	1st	53	25	79	138	168	203	249	277	243	203	110	73
		2nd	22	63	78	143	180	221	242	286	226	183	133	65
		3rd	9	43	98	153	204	220	271	255	215	155	77	56
	Mean Max.Temp. (0.1)	1st	89	65	125	188	210	243	283	321	285	235	157	119
		2nd	55	102	130	187	239	261	276	336	265	222	176	100
		3rd	33	87	155	206	256	252	313	302	253	185	110	101
	Mean Min.Temp. (0.1)	1st	21	- 10	40	97	127	173	221	243	208	173	73	30
		2nd	- 6	25	34	103	126	193	215	248	198	148	95	34
		3rd	- 14	6	52	109	160	201	242	218	187	129	50	22
	Mean D.P.Temp. (0.1)	1st	4	- 42	41	94	128	177	245	255	219	177	60	14
		2nd	- 32	19	22	109	134	211	233	255	209	155	91	18
		3rd	- 29	- 20	37	109	159	210	254	218	198	121	19	9
	Mean Vapor Press (0.1hPa)	1st	65	46	92	122	152	206	309	326	263	212	101	71
		2nd	49	78	78	134	157	252	287	326	249	178	123	75
		3rd	53	57	83	135	183	250	325	267	234	148	76	72
	Mean Rel. Humid. (%)	1st	72	62	79	79	81	87	98	89	88	87	74	69
		2nd	68	75	70	83	78	95	96	85	91	85	79	74
3rd		77	65	68	79	78	95	91	82	91	82	69	74	
Mean Wind Speed (0.1m/s)	1st	21	31	28	19	36	21	26	20	16	28	23	22	
	2nd	34	42	20	40	28	22	29	20	20	16	20	23	
	3rd	29	26	24	24	22	28	24	31	17	29	24	33	
Total Precip. (0.1mm)	1st	37	3	507	645	684	131	1531		248	1389	111	0	
	2nd	125	687	195	834	121	293	710		1503	97	909	337	
	3rd	488	26		1210	284	985	8	309	821	268	106	482	
Total Evaporation (0.1mm)	1st													
	2nd													
	3rd													
Total Sunshine (0.1hr)	1st	487	810	535	574	457	472	515	898	537	414	680	627	
	2nd	483	388	704	626	968	471	598	1025	379	366	436	392	
	3rd	266	567	883	641	733	357	960	868	358	177	441	433	
Mean Cloud Amount (0.1)	1st													
	2nd													
	3rd													
First and Last of Seasonal Phenomena	Genesis	Max. Temp. 30							05		09			67(40)
		Max. Temp. 25					17				06		143(114)	
		Mean Temp. 25							04		05		64(45)	
		Min. Temp. 25							28	15			19(8)	
	Continue	Max. Temp. 30							04 - 26					23
		Max. Temp. 25							13		01			51
		Mean Temp. 25							24	26				34
		Min. Temp. 25							28 - 31					4
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6
	Genesis	Max. Temp. < 0							19 - 24					6(3)
Mean Temp. < 0								19	15				28(9)	
Min. Temp. < 0							17			12			87(38)	
Frost														
Freezing														
Continue	Snow													
	Snow Cover													
	Max. Temp. < 0							23 - 24					2	
	Mean Temp. < 0							19 - 25					7	
	Min. Temp. < 0							18 - 25					8	
Frost														
Freezing														
Snow														
Snow Cover														

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10191	10188	10158	10079	10064	10024	10023	10004	10071	10128	10169	10187	10107
		Mean Sea Level	10257	10254	10222	10141	10125	10083	10082	10063	10131	10189	10233	10252	10169
		Highest	10349	10374	10312	10253	10238	10142	10157	10119	10219	10322	10351	10355	10374
		Date	01	25	01	19	14	06	06	01	21	30	29	30	02/25
		Lowest	10123	10021	10087	9935	9932	9966	9972	9942	9997	10025	10118	10090	9932
	Date	18	13	18	16	03	24	16	31	01	05	19	22	05/03	
(0.1)	Air Temp.	Mean	- 1	26	67	139	187	221	261	266	220	163	89	43	140
		Mean Max.	37	70	128	207	251	268	303	319	272	209	138	89	191
		Mean Min.	- 34	- 19	13	84	131	185	228	226	182	125	41	- 4	97
		Highest	135	195	222	259	300	297	342	357	322	303	209	190	357
		Date	03	13	31	26	21	18	30	11	04	04	06	21	08/11
		Lowest	- 124	- 83	- 52	37	78	147	187	161	135	40	- 21	- 54	- 124
	Date	24	03	12	05	08	03	18	29	23	30	26	28	01/24	
(0.1hPa)	Vapor Press.	Mean	51	58	75	121	160	229	295	297	231	164	94	70	154
		Highest	108	190	173	220	244	306	369	371	315	309	190	214	371
		Date	03	13	05	16	31	23	29	15	05	03	14	21	08/15
		Lowest	17	28	27	42	77	141	217	150	143	42	30	30	17
	Date	24	02	10	05	01	03	18	31	20	30	23	11	01/24	
(0.1) Mean D.P.Temp.		- 30	- 19	19	94	137	195	237	237	197	137	50	10	105	
Rel. Humid. (%)	Mean	82	74	75	79	77	87	88	86	89	87	79	81	82	
	Lowest	39	20	22	21	22	40	56	39	39	24	27	30	20	
	Date	16	10	15	05	21	03	26	21	01	30	16	11	02/10	
(0.1mm)	Precip.	00-24h Total	536	300	200	1762	1058	744	1985	470	1577	1641	271	365	10909
		09-09h Total													
	Highest	1 Daily	119	128	164	496	274	404	435	213	1133	477	70	115	1133
		Date	24	12	18	27	24	24	02	03	17	16	10	21	09/17
	6 6 - Hour	Date	17	12	18	07	24	24	02	03	17	16	10	22	09/17
		1 60 - Minute				128	103	177	244	212	359	166			359
	Date	Date				06	24	24	02	03	17	16			09/17
		10 10 - Minute				48	33	101	116	138	94	65			138
	Date	Date				06	24	24	02	03	17	16			08/03
		2 2 - Day	206	171	28	575	346	10	720	94	1329	495	86	183	1329
Date	Date	23 - 24	12 - 13	04 - 05	27 - 28	02 - 03	29 - 30	01 - 02	26 - 27	16 - 17	16 - 17	10 - 11	21 - 22	09/16 - 09/17	
	3 3 - Day	243	174		631			1573	104	1400	353		191	1573	
Date	Date	23 - 25	11 - 13		26 - 28			29 - 08	26 - 28	16 - 18	28 - 03		21 - 23	06/29 - 07/08	
(0.1mm)	Evapor.	Total													
		Highest													
Small	Date														
	Total														
Large	Highest														
	Date														
(0.1%)	Wind	Mean Speed	28	35	26	28	28	23	27	22	21	24	27	31	27
		Highest Speed	125	129	109	206	139	90	184	141	95	115	86	115	206
		Highest Dir.	NW	NW	NNW	SE	SE	W	SE	NW	SW	SE	NNW	NNW	SE
		Date	19	29	10	16	02	25	16	30	01	25	22	27	04/16
		Highest Gust Speed	173	181	155	298	240	132	204	191	141	171	133	171	298
		Highest Gust Dir.	NW	WNW	SE	SE	SSE	SW	SE	WNW	SW	SE	ESE	N	SE
		Date	19	29	05	16	02	24	16	30	01	25	07	27	04/16
		Resultant Speed	15	12	7	5	7	5	14	10	5	12	13	14	5
Resultant Dir.	NNE	NNW	NNW	W	WSW	WSW	SSW	NW	NNE	NE	NNE	N	NNW		
(0.1)	Cloud Amount	Mean													
		Mean Low Mid.													
Sunshine	Total(0.1hr)	1146	1556	2305	1940	2571	1569	1942	2430	1407	1009	1507	1253	20635	
	Perc.(0.1%)	367	492	620	493	590	360	439	582	378	289	487	411	463	
(0.01MJ/m) Total Horizontal Radiation		24457	33347	51820	52560	67655	52907	57387	61233	41336	30748	27704	21291	522445	
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
Date	Total														
(0.1)	Grass Min. Temp.	Mean	- 39	- 42	- 13	38	89	167	218	216	168	109	14	- 31	75
		Lowest	- 82	- 99	- 82	- 21	19	117	180	147	116	12	- 55	- 82	- 99
		Date	21	25	12	05	08	03	18	29	23	30	26	06	02/25
(0.1)	Mean Soil Temp.	Surface	14	33	87	141	202	250	292	310	247	169	88	38	156
		0.05m Underground													
		0.1m "													
		0.2m "													
		0.3m "													
		0.5m "													
		1.0m "													
		1.5m "													
		3.0m "													
5.0m "															
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	65	53	63	41	49	36	31	62	52	90	71	67	90	
		NE	71	55	63	67	23	62	30	57	67	81	69	71	81	
		ENE	63	59	42	69	27	53	27	40	52	68	66	66	69	
		E	28	39	22	61	39	55	56	44	55	58	34	26	61	
		ESE	28	21	22	53	34	29	61	44	51	48	49	22	61	
		SE	19	118	104	206	108	65	109	28	62	104	72	109	206	
		SSE	28	71	69	143	113	58	93	25	60	68	42	91	143	
		S	29	52	35	60	70	66	75	32	56	55	46	58	75	
		SSW	32	65	77	34	63	69	77	53	65	33	43	78	78	
		SW	26	74	86	123	67	41	86	27	90	53	53	87	123	
		WSW	42	71	59	124	94	61	64	59	29	14	67	93	124	
		W	85	96	59	159	109	86	50	115	45	20	66	77	159	
		WNW	84	107	78	131	89	62	53	130	67	56	57	97	131	
		NW	116	124	92	74	75	65	62	103	60	69	76	92	124	
	NNW	93	105	100	50	67	60	31	74	44	89	84	109	109		
	(0.1%)	N	58	75	68	36	57	23	40	30	44	92	81	86	92	
	Hourly Occurrence Percentage	CALM	59	50	63	43	60	47	48	109	121	85	51	79	68	
		NNE	82	60	66	51	58	38	22	42	58	114	83	89	64	
		NE	172	50	74	92	20	38	15	56	133	137	153	127	89	
		ENE	141	59	58	36	34	38	24	55	58	101	72	119	67	
		E	74	49	55	39	47	68	43	83	50	87	58	61	60	
		ESE	59	40	49	53	47	47	20	67	79	73	60	39	53	
		SE	16	40	36	53	38	38	69	58	44	46	46	30	43	
		SSE	21	65	102	67	108	118	155	34	49	48	50	31	70	
		S	27	42	42	46	89	99	126	28	40	22	49	49	55	
		SSW	21	36	28	32	46	50	109	27	38	13	26	24	38	
		SW	12	40	44	57	40	47	101	22	21	23	28	19	38	
WSW		26	39	30	53	47	42	62	19	19	15	31	15	33		
W		35	42	42	85	52	75	38	40	31	11	17	22	41		
WNW	48	50	83	128	85	101	63	83	67	27	24	42	67			
NW	87	109	83	90	134	93	56	165	93	47	54	60	89			
NNW	77	155	83	28	51	38	23	74	46	82	107	125	74			
(0.1%)	N	43	73	61	49	44	25	27	38	53	70	92	69	53		
Number of Days With Classified	Daily Max. Temp.	0.0	7	2											9	
		0.1 ~ 10.0	22	20	9								8	17	76	
		10.1 ~ 20.0	2	7	20	13	1						12	20	14	89
		20.1 ~ 30.0			2	17	30	30	13	7	25	18	2			144
	Daily Mean Temp.	30.1							18	24	5	1			48	
		-5.0	4												4	
		-4.9 ~ 0.0	7	10	1									3	21	
		0.1 ~ 10.0	20	16	22						6	2	17	25	102	
	Daily Min. Temp.	10.1 ~ 20.0		3	8	30	24	2				25	13	2	113	
		20.1					7	28	31	31	24	4			125	
		-15.0														
		-14.9 ~ -5.0	8	7	1										1	
	Daily Precip.	-4.9 ~ 0.0	18	16	12								7	18	71	
		0.1 ~ 10.0	5	5	17	22	4					6	20	12	91	
		10.1		1	1	8	27	30	31	31	30	25	3	12	187	
		0.1mm	12	10	4	13	8	9	13	6	10	12	9	11	117	
	60 - Minute Max. Precip.	10.0mm	2	1	1	5	5	2	8	2	3	5		2	36	
		30.0mm														
		80.0mm				3		1	2		1	2			9	
		100.0mm									1				1	
10 - Minute Max. Precip.	1.0mm				9	6	5	11	4	5	11			51		
	6.0mm				4	2	1	7	2	1	4			21		
	10.0mm				1	1	1	5	1	1	2			12		
	20.0mm							2	1	1				4		
Daily Max. New Snowfall	30.0mm													1		
	0.1mm				13	8	9	13	6	10	12			71		
	1.0mm				7	5	3	9	3	2	6			35		
	5.0mm						1	4	2	1	2			10		
Daily Max. Snow Depth	10.0mm						1	1	1					3		
	0.1cm															
	5.0cm															
	10.0cm															
Daily Min. Rel. Humid.	20.0cm															
	0.1cm															
	5.0cm															
	10.0cm															
Daily Max. Wind speed	30.0cm															
	20%		1											1		
	21 ~ 30%			5	8	9					1	1	1	25		
	31 ~ 40%	2	10	8	8	6	1			1	2	4	3	46		
Daily Max. Wind speed	41 ~ 50%	6	3	8	4	5	5			5	6	9	5	61		
	51 ~ 70%	18	14	8	5	9	15	20	23	16	10	17	18	173		
	71%	5	1	2	5	2	9	11	2	7	9	3	4	60		
	0.5 ~ 3.3%	2	1	1							3	1	3	11		
Daily Max. Wind speed	3.4 ~ 7.9%	23	13	19	23	25	28	28	28	28	24	25	17	281		
	8.0 ~ 13.8%	6	15	8	5	5	2	2	2	2	4	4	11	66		
	13.9%				2	1		1	1					5		

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow														
	Sleet														
	Snow Pellet														
	Hail														
	Fog														
	Frost														
	Freezing														
	Haze														
	Yellow Sand														
	Thunder Storm														
Sunshine (0%)	4	2	4	4	2	4	5	1	7	4	4	6	47		
< 20%	11	6	5	8	4	12	8	3	11	15	9	13	105		
80%	2	9	11	5	10	1	5	9	3	3	5	8	71		
Cloud Amount	2.4														
2.5 ~ 5.4															
5.5 ~ 7.4															
7.5															
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10256	10258	10234	10152	10106	10107	10092	10090	10085	10160	10237	10244	
		2nd	10227	10211	10216	10149	10160	10063	10057	10058	10142	10210	10203	10257	
		3rd	10286	10295	10218	10121	10109	10079	10096	10042	10166	10198	10259	10256	
	Mean Temp. (0.1)	1st	32	-3	67	127	173	207	251	277	236	189	95	48	
		2nd	-3	54	57	140	182	226	247	278	216	159	121	46	
		3rd	-27	26	75	150	203	232	283	247	208	143	51	34	
	Mean Max.Temp. (0.1)	1st	74	46	114	207	229	261	287	328	291	230	149	102	
		2nd	37	95	119	196	256	271	291	334	262	217	168	89	
		3rd	2	69	149	218	267	273	330	297	262	184	98	78	
	Mean Min.Temp. (0.1)	1st	-7	-51	26	66	121	171	225	236	196	154	46	-7	
		2nd	-35	10	1	88	121	185	210	234	180	116	68	4	
		3rd	-59	-15	13	96	148	199	246	209	168	108	8	-9	
	Mean D.P.Temp. (0.1)	1st	-2	-48	27	75	124	178	240	252	209	167	56	9	
		2nd	-36	15	7	99	135	200	223	249	196	136	82	13	
		3rd	-50	-24	21	108	151	208	248	213	185	111	11	9	
	Mean Vapor Press (0.1hPa)	1st	62	43	83	107	148	205	299	321	247	198	96	68	
		2nd	48	76	69	125	157	235	270	315	231	158	115	72	
		3rd	44	54	73	132	173	246	314	258	216	139	70	70	
	Mean Rel. Humid. (%)	1st	80	74	77	76	77	86	95	88	86	88	79	78	
		2nd	80	78	74	80	77	87	88	86	90	88	80	81	
3rd		85	71	72	80	76	88	83	84	89	83	77	85		
Mean Wind Speed (0.1m/s)	1st	21	26	35	23	37	20	27	16	22	30	28	28		
	2nd	38	47	22	37	27	25	25	18	24	15	23	27		
	3rd	26	34	22	26	20	26	29	31	16	27	30	36		
Total Precip. (0.1mm)	1st	18	3	36	533	567	169	1563	213	8	992	123	9		
	2nd	177	197	164	409	210	128	264	145	1409	495	81	54		
	3rd	341	100		820	281	447	158	112	160	154	67	302		
Total Evaporation (0.1mm)	1st														
	2nd														
	3rd														
Total Sunshine (0.1hr)	1st	405	770	577	681	624	581	286	764	596	422	635	557		
	2nd	435	409	725	579	1026	503	580	923	364	382	458	329		
	3rd	306	377	1003	680	921	485	1076	743	447	205	414	367		
Mean Cloud Amount (0.1)	1st														
	2nd														
	3rd														
First and Last of Seasonal Phenomena	Genesis	Max. Temp. 30					18					04		140(51)	
		Max. Temp. 25			15						15		184(137)		
		Mean Temp. 25							04		27		86(49)		
		Min. Temp. 25							05 - 30				26(5)		
	Continue	Max. Temp. 30								03 - 25				23	
		Max. Temp. 25							04		15			74	
		Mean Temp. 25							19	25				38	
		Min. Temp. 25							27 - 30					4	
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0							17	01					47(9)
		Mean Temp. < 0							17		01				76(27)
		Min. Temp. < 0					26				28				124(78)
Frost															
Continue	Max. Temp. < 0							19 - 25						7	
	Mean Temp. < 0							18 - 26						9	
	Min. Temp. < 0							30	10					12	
	Frost														
Freezing															
Snow															
Snow Cover															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10035	10037	10009	9940	9928	9891	9895	9870	9937	9987	10023	10037	9966
		Mean Sea Level	10243	10243	10211	10134	10119	10078	10080	10055	10126	10181	10224	10242	10161
		Highest	10339	10362	10303	10247	10242	10139	10154	10114	10215	10305	10337	10338	10362
		Date	01	25	01	20	14	10	06	01	21	30	29	30	02/25
		Lowest	10100	10022	10079	9937	9941	9954	9989	9922	10004	9937	10118	10085	9922
		18	13	18	17	03	24	14	30	01	05	19	22	08/30	
(0.1)	Air Temp.	Mean	2	24	78	143	184	222	261	269	218	158	76	33	139
		Mean Max.	49	82	146	211	253	268	308	332	270	210	144	95	197
		Mean Min.	-36	-28	13	82	114	183	227	222	179	116	20	-18	90
		Highest	162	164	235	272	310	313	355	378	317	278	206	182	378
		Date	03	13	30	22	30	17	30	12	05	04	05	22	08/12
		Lowest	-134	-85	-70	40	49	125	202	153	118	18	-41	-63	-134
		25	07	01	01	17	02	20	30	21	30	26	28	01/25	
(0.1hPa)	Vapor Press.	Mean	40	43	62	99	128	197	261	250	207	138	74	51	129
		Highest	98	163	169	191	216	276	319	334	298	276	161	174	334
		Date	03	13	05	16	15	24	30	11	05	03	19	22	08/11
		Lowest	13	14	16	30	46	99	195	116	96	31	21	13	13
		Date	23	07	12	19	16	02	15	31	20	30	23	10	12/10
(0.1) Mean D.P.Temp.		-66	-65	-13	62	101	171	217	208	178	111	13	-38	73	
Rel. Humid. (%)	Mean	63	56	58	64	64	75	78	72	80	76	68	63	68	
	Lowest	19	13	9	10	11	28	43	25	29	17	15	12	9	
	Date	12	10	30	01	18	02	18	24	20	30	16	10	03/30	
(0.1mm)	Precip.	00-24h Total	300	719	1537	2144	1388	1077	2085	730	2949	2002	540	675	16146
		09-09h Total													
	Highest	1 Daily	131	519	866	615	505	534	776	317	1494	722	189	220	1494
		Date	29	12	05	16	03	24	03	28	17	05	18	21	09/17
	6 6 - Hour	Date	84	290	590	551	370	477	573	234	706	518	133	194	706
		Date	28	12	06	16	03	24	03	28	17	05	19	22	09/17
	1 60 - Minute	Date				136	93	181	265	127	231	132			265
		Date				16	24	24	02	08	01	05			07/02
	10 10 - Minute	Date				35	22	70	111	69	105	38			111
		Date				16	24	24	02	08	17	08			07/02
2 2 - Day	Date	247	634	1200	633	573	133	1336	336	1544	754	271	302	1544	
	Date	28 - 29	12 - 13	04 - 05	16 - 17	02 - 03	19 - 20	02 - 03	27 - 28	16 - 17	04 - 05	18 - 19	21 - 22	09/16 - 09/17	
3 3 - Day	Date		83	1216	520		199	1757	421	1573	1334			1757	
	Date		27 - 29	04 - 06	26 - 28		18 - 20	01 - 04	26 - 28	16 - 19	28 - 05			07/01 - 07/04	
(0.1mm)	Evapor.	Small	Total												
			Highest												
	Large	Total													
		Highest													
(0.1%)	Wind	Mean Speed	24	25	20	18	18	13	14	13	9	14	18	23	17
		Highest Speed	73	79	75	108	97	55	66	74	53	98	70	81	108
		Highest Dir.	NW	NNW	NNW	WNW	SSE	NW	ESE	WNW	ESE	NW	NW	NNW	WNW
		Date	19	14	01	17	03	25	31	31	01	05	22	06	04/17
		Highest Gust Speed	138	144	119	169	173	101	136	153	94	185	119	169	185
		Highest Gust Dir.	NW	N	NNW	WNW	SE	W	SW	WNW	E	NE	NNW	NW	NE
		Date	19	14	10	17	03	25	02	31	02	05	24	15	10/05
		Resultant Speed	22	20	11	5	5	4	6	5	2	5	13	19	8
		Resultant Dir.	NNW	NNW	NW	W	W	SW	SW	W	SW	NW	NW	NW	NW
Cloud Amount (0.1)		Mean													
		Mean Low Mid.													
Sunshine		Total(0.1hr)	1496	1930	2243	1906	2198	1264	1710	2389	1186	1044	1707	1756	20829
		Perc.(0.1%)	477	609	603	485	506	291	387	573	319	298	550	575	467
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
		Date													
		Total													
(0.1)	Grass Min. Temp.	Mean	-53	-56	-19	51	88	178	225	217	186	125	35	3	82
		Lowest	-99	-120	-89	-18	20	103	199	134	147	42	-14	-81	-120
		Date	15	07	12	01	17	02	23	30	21	30	09	31	02/07
(0.1)	Mean Soil Temp.	Surface	7	35	90	148	208	252	290	321	240	171	81	30	156
		0.05m													
		0.1m													
		0.2m													
		0.3m													
		0.5m													
		1.0m													
		1.5m													
		3.0m													
5.0m															
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed (0.1%)	NNE	38	21	41	12	30	17	40	8	11	8	26	41	
		NE	9	8	12	10	7	24	11	11	14	13	11	19	24
		ENE	10	8	14	15	15	13	19	18	27	25	15	11	27
		E	8	16	15	16	22	18	12	33	31	15	26	18	33
		ESE	10	30	35	47	31	37	25	42	29	46	30	13	47
		SE	9	34	40	62	59	42	45	48	46	44	46	12	62
		SSE	8	45	50	58	81	41	50	28	37	33	33	17	81
		S	10	38	41	44	49	32	42	32	42	22	35	31	49
		SSW	9	54	45	53	48	41	44	37	33	28	28	31	54
		SW	6	33	39	42	39	36	39	33	33	18	16	20	42
		WSW	14	28	26	34	38	20	32	30	27	21	38	61	61
		W	38	51	41	53	30	47	27	32	34	43	45	42	53
		WNW	47	57	50	94	69	41	34	61	37	50	54	54	94
		NW	65	66	50	75	82	45	37	61	39	77	68	75	82
	NNW	69	76	64	77	54	39	34	56	32	38	58	67	77	
	N	59	64	47	54	52	34	21	28	29	41	44	44	64	
	Hourly Occurrence Percentage (0.1%)	CALM	167	139	224	232	257	290	269	343	422	243	239	196	252
		NNE	18	11	13	8	3	4	5	8	12	6	5	8	
		NE	7	4	11	6	3	11	8	5	8	16	14	12	9
		ENE	5	7	7	13	12	19	11	15	42	46	24	17	18
		E	9	17	12	32	16	29	26	13	28	48	29	13	23
		ESE	8	19	15	38	36	42	40	39	28	69	42	24	33
		SE	5	20	35	50	59	58	46	35	38	50	28	11	36
		SSE	5	16	32	79	86	67	62	44	35	50	24	12	43
		S	3	20	44	64	70	83	109	52	54	28	17	20	47
		SSW	4	23	55	90	63	118	137	62	68	20	24	17	57
		SW	3	7	28	29	40	68	52	60	39	8	8	12	30
WSW		7	7	7	7	11	13	30	23	17	24	8	12	14	
W		15	11	30	18	17	26	27	36	32	48	58	52	31	
WNW	99	112	95	92	93	49	67	87	76	128	149	121	97		
NW	275	171	176	118	148	51	62	91	50	137	232	264	148		
NNW	318	318	191	92	73	57	39	77	40	46	85	183	126		
N	51	96	24	33	16	15	12	11	15	27	15	27	28		
Number of Days With Classified	Daily Max. Temp.	0.0	6											6	
		0.1 ~ 10.0	21	18	5								6	15	
		10.1 ~ 20.0	4	11	23	12	3				1	13	23	15	
		20.1 ~ 30.0			3	18	26	28	10	5	25	18	1		
	Daily Mean Temp.	30.1					2	2	21	26	4			55	
		-5.0	5											5	
		-4.9 ~ 0.0	7	9	1									5	
		0.1 ~ 10.0	19	18	21						2	21	26	107	
	Daily Min. Temp.	10.1 ~ 20.0		2	9	30	24	2		1	8	25	9	110	
		20.1					7	28	31	30	22	4		122	
		-15.0													
		-14.9 ~ -5.0	9	7	2									6	
	Daily Precip.	-4.9 ~ 0.0	20	18	10								10	15	
		0.1 ~ 10.0	2	3	18	22	11						18	10	
		10.1		1	1	8	20	30	31	31	30	10	2	175	
		0.1mm	8	6	6	12	9	10	7	10	14	11	9	7	
	60 - Minute Max. Precip.	10.0mm	2	2	4	7	4	4	5	3	6	4	2	3	
		30.0mm		1	2	3	1	1	3	1	3	3		18	
		80.0mm			1						1			2	
		100.0mm												1	
10 - Minute Max. Precip.	1.0mm				11	8	6	5	6	8	10		54		
	6.0mm				4	2	2	5	2	5	4		24		
	10.0mm				1		1	3	2	3	1		11		
	20.0mm							1		2			3		
Daily Max. New Snowfall	30.0mm														
	80.0mm														
	100.0mm														
	0.1cm														
Daily Max. Snow Depth	5.0cm														
	10.0cm														
	20.0cm														
	30.0cm														
Daily Min. Rel. Humid.	0.1cm														
	5.0cm														
	10.0cm														
	20.0cm														
Daily Max. Wind speed	30.0cm														
	20%	1	8	12	9	7					1	3	5		
	21 ~ 30%	8	8	7	10	11	1		2	1	2	8	7		
	31 ~ 40%	9	8	6	2	4	7		11	3	4	5	6		
Daily Max. Wind speed	41 ~ 50%	6	2	2	3	3	9	11	8	8	7	7	66		
	51 ~ 70%	6	1	2	5	5	17	16	7	12	13	5	3		
	71%	1	2	2	4	1	2	6		6	3	2	3		
	0.5 ~ 3.3%	3		1	2	3	5	4	9	22	12	4	5		
Daily Max. Wind speed	3.4 ~ 7.9%	28	29	30	27	26	25	27	22	8	18	26	24		
	8.0 ~ 13.8%				1	2							2		
	13.9%												6		

Element		1	2	3	4	5	6	7	8	9	10	11	12	
Number of Days With Phenomena	Snow													
	Sleet													
	Snow Pellet													
	Hail													
	Fog													
	Frost													
	Freezing													
	Haze													
	Yellow Sand													
	Thunder Storm													
Sunshine (0%)	3	3	5	5	2	5	4	0	8	5	3	3	46	
< 20%	9	4	5	9	7	15	10	4	12	17	8	7	107	
80%	6	12	13	7	5	0	0	7	1	2	10	10	73	
Cloud Amount	2.4													
2.5 ~ 5.4														
5.5 ~ 7.4														
7.5														
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10244	10245	10225	10144	10104	10101	10091	10085	10079	10150	10229	10231
		2nd	10212	10205	10203	10148	10155	10058	10053	10049	10137	10203	10198	10248
		3rd	10270	10283	10205	10112	10100	10076	10097	10033	10161	10191	10246	10248
	Mean Temp. (0.1)	1st	28	2	70	136	166	208	256	277	237	187	78	41
		2nd	- 5	46	73	137	175	232	251	287	217	156	107	33
		3rd	- 15	23	89	156	207	226	276	246	200	133	45	26
	Mean Max.Temp. (0.1)	1st	83	62	128	210	225	259	295	339	293	232	153	110
		2nd	46	103	138	201	257	277	296	351	265	221	176	93
		3rd	21	81	169	223	276	268	329	308	251	179	102	83
	Mean Min.Temp. (0.1)	1st	- 15	- 51	14	72	101	163	229	231	194	148	20	- 17
		2nd	- 42	- 2	11	78	99	192	218	237	181	110	45	- 18
		3rd	- 50	- 31	13	95	139	194	233	199	162	92	- 4	- 19
	Mean D.P.Temp. (0.1)	1st	- 44	- 102	- 2	53	89	148	221	227	193	144	15	- 45
		2nd	- 73	- 20	- 18	56	96	182	204	223	178	113	52	- 30
		3rd	- 79	- 75	- 18	77	118	182	225	178	164	78	- 29	- 39
	Mean Vapor Press (0.1hPa)	1st	46	29	71	93	120	171	266	276	225	172	72	47
		2nd	37	61	59	95	123	210	241	269	207	135	95	54
		3rd	38	37	56	109	141	210	274	209	189	110	54	52
	Mean Rel. Humid. (%)	1st	62	49	64	65	66	71	82	76	78	78	68	58
		2nd	63	66	57	63	66	76	77	71	81	78	73	66
3rd		64	52	53	66	62	78	76	69	82	71	62	65	
Mean Wind Speed (0.1m/s)	1st	22	29	21	15	22	11	13	10	11	16	19	21	
	2nd	25	22	19	24	15	15	15	13	8	9	14	21	
	3rd	24	25	20	15	16	14	13	17	8	17	23	27	
Total Precip. (0.1mm)	1st	0		1353	504	882	182	1761	257	712	1275	25	12	
	2nd	34	636	184	790	214	207	324	45	1661	541	442	221	
	3rd	266	83	0	850	292	688	0	428	576	186	73	442	
Total Evaporation (0.1mm)	1st													
	2nd													
	3rd													
Total Sunshine (0.1hr)	1st	511	887	569	607	509	445	363	710	470	394	675	654	
	2nd	486	477	781	680	852	465	546	944	381	445	496	582	
	3rd	499	566	893	619	837	354	801	735	335	205	536	520	
Mean Cloud Amount (0.1)	1st													
	2nd													
	3rd													
First and Last of Seasonal Phenomena	Genesis	Max. Temp. 30					18				09			115(56)
		Max. Temp. 25			01						17		200(135)	
		Mean Temp. 25						19			05		79(48)	
		Min. Temp. 25								05	23		50(4)	
	Continue	Max. Temp. 30								05	23	26		35
		Max. Temp. 25								04	27		55	
		Mean Temp. 25								23	25		34	
		Min. Temp. 25								28 - 29			2	
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6
	Genesis	Max. Temp. < 0								19 - 25				7(6)
Mean Temp. < 0								17		01			76(25)	
Min. Temp. < 0						26				28			124(89)	
Frost														
Continue	Freezing													
	Snow													
	Snow Cover													
	Max. Temp. < 0								23 - 25				3	
	Mean Temp. < 0								18 - 26				9	
	Min. Temp. < 0								08 - 28				21	

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	9659	9663	9641	9579	9573	9542	9550	9531	9586	9627	9655	9665	9606
		Mean Sea Level	10250	10249	10215	10133	10120	10079	10080	10057	10122	10178	10223	10245	10163
		Highest	10347	10370	10306	10240	10233	10135	10151	10115	10205	10301	10333	10341	10370
		Date	01	25	01	19	14	02	06	01	21	30	29	30	02/25
		Lowest	10117	10029	10079	9953	9953	9967	9988	9943	10005	9960	10113	10098	9943
		18	13	18	16	03	24	16	30	01	05	19	22	08/30	
(0.1)	Air Temp.	Mean	- 11	8	55	125	158	190	230	246	206	153	84	38	124
		Mean Max.	25	53	109	185	212	230	267	304	254	191	130	83	170
		Mean Min.	- 34	- 26	19	87	121	165	207	214	180	129	53	5	93
		Highest	132	140	207	244	275	285	314	334	295	275	203	163	334
		Date	03	13	30	25	18	21	31	13	04	04	05	21	08/13
		Lowest	- 127	- 70	- 57	54	66	133	178	150	146	48	- 20	- 49	- 127
		24	15	01	12	16	05	03	28	21	30	24	28	01/24	
(0.1hPa)	Vapor Press.	Mean	49	54	68	99	132	203	264	257	193	139	84	62	134
		Highest	106	158	151	182	244	307	367	336	326	297	159	170	367
		Date	02	13	05	13	06	19	28	09	27	03	19	21	07/28
		Lowest	21	20	18	21	33	13	186	135	101	35	21	12	12
		06	22	28	05	05	04	10	29	05	31	09	03	12/03	
(0.1) Mean D.P.Temp.		- 36	- 28	4	59	106	175	219	213	168	109	32	- 8	84	
Rel. Humid. (%)	Mean	85	79	73	72	75	93	95	84	80	77	73	74	80	
	Lowest	32	20	17	15	15	33	63	46	31	19	12	9	9	
	Date	03	10	27	24	05	03	10	25	05	31	16	03	12/03	
(0.1mm)	Precip.	00~24h Total	186	560	971	2052	1366	1679	2591	332	1941	1543	741	578	14540
		09~09h Total													
	Highest	1 Daily	51	397	344	555	323	714	897	177	937	484	257	222	937
		Date	19	12	05	27	02	24	12	28	17	05	18	26	09/17
	6	6 - Hour	22	185	291	352	252	620	639	155	779	394	196	136	779
		Date	24	12	05	21	03	24	03	28	17	05	19	26	09/17
	1	60 - Minute				127	125	201	316	60	336	112			336
		Date				27	03	24	12	27	17	05			09/17
	10	10 - Minute				46	40	106	128	25	134	44			134
		Date				27	02	24	12	27	17	16			09/17
2	2 - Day	71	522	488	617	630	388	1062	308	1082	550	264	229	1082	
	Date	23 - 24	12 - 13	04 - 05	27 - 28	02 - 03	19 - 20	02 - 03	27 - 28	16 - 17	04 - 05	18 - 19	25 - 26	09/16 - 09/17	
3	3 - Day	73	536		667	105	629	1587	331	1145	816		215	1587	
	Date	23 - 25	11 - 13		26 - 28	27 - 29	18 - 22	27 - 07	26 - 28	16 - 19	28 - 02		21 - 23	06/27 - 07/07	
(0.1mm)	Evapor.	Total													
		Highest													
(0.1mm)	Small	Total													
		Highest													
(0.1mm)	Large	Total													
		Highest													
(0.1%)	Wind	Mean Speed	50	54	45	48	52	41	44	42	37	52	52	54	48
		Highest Speed	133	146	130	184	143	125	122	123	106	125	128	124	184
		Highest Dir.	NW	NW	NNW	WNW	SSE	SE	SSE	NW	SE	SE	SSW	SE	WNW
		Date	18	14	09	17	03	04	16	30	17	05	14	21	04/17
		Highest Gust Speed	222	251	177	271	230	179	199	230	150	179	182	230	271
		Highest Gust Dir.	NW	NW	NNW	W	W	E	WSW	WNW	SSE	N	NNE	SE	W
		Date	24	14	09	17	03	04	01	30	17	05	23	21	04/17
		Resultant Speed	37	32	18	5	4	15	22	2	10	8	12	29	6
	Resultant Dir.	NNW	NW	NW	SSW	SSW	S	SSW	N	ESE	SE	NW	N	NW	
Cloud Amount (0.1)		Mean													
		Mean Low Mid.													
Sunshine		Total(0.1hr)	1160	1691	2184	2039	2184	1286	1655	2827	1336	919	1619	1430	20330
		Perc.(0.1%)	369	533	587	520	504	297	376	680	360	262	520	465	456
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
		Total	30											30	
Grass Min. Temp. (0.1)	Mean	- 41	- 41	0	67	101	162	199	194	162	111	28	- 22	77	
	Lowest	- 119	- 80	- 61	39	44	97	167	140	110	34	- 27	- 70	- 119	
	Date	24	03	02	02	05	03	18	29	21	30	24	28	01/24	
(0.1)	Mean Soil Temp.	Surface	6	34	85	160	203	229	277	326	240	162	88	41	154
		0.05m													
		0.1m													
		0.2m													
		0.3m													
		0.5m													
		1.0m													
		1.5m													
3.0m															
		5.0m													
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	69	46	62	58	61	42	32	42	54	82	69	114	114
		NE	69	37	55	41	54	23	27	28	39	55	73	67	73
		ENE	61	13	60	41	46	17	24	26	29	69	54	90	90
		E	39	42	51	36	40	40	29	44	46	68	48	53	68
		ESE	63	27	58	107	73	67	80	75	81	103	48	108	108
		SE	65	108	81	162	91	124	99	90	106	122	41	83	162
		SSE	9	120	99	151	132	87	116	77	94	91	84	95	151
		S	31	80	85	103	69	76	84	15	67	99	113	97	113
		SSW	22	61	73	84	70	60	80	14	57	100	128	101	128
		SW	31	66	70	107	60	55	93		68	58	58	55	107
		WSW	32	68	77	87	74	66	95	27	62	49	45	46	95
		W	51	75	58	59	88	71	62	80	39	44	40	42	88
		WNW	126	125	65	160	123	82	90	115	58	65	48	64	160
		NW	123	137	88	140	88	89	75	114	80	88	64	79	140
	NNW	95	99	119	110	130	83	83	79	78	111	98	104	130	
	(0.1%)	N	69	50	59	49	76	39	46	50	58	71	90	99	99
	Hourly Occurrence Percentage	CALM	38	42	99	138	34	10	62	49	21	12		3	42
		NNE	47	10	27	25	24	11	12	31	60	47	129	162	49
		NE	35	4	24	18	7	15	9	12	31	26	13	21	18
		ENE	13	1	17	10	13	6	7	11	32	27	6	19	14
		E	20	10	19	14	16	21	5	22	47	47	15	17	21
		ESE	42	3	48	63	77	69	35	102	153	90	33	32	62
		SE	16	27	42	92	130	147	83	170	167	166	7	27	90
		SSE	4	68	83	194	214	288	228	175	128	92	107	67	137
		S	7	23	23	11	42	46	62	3	19	30	63	23	29
		SSW	3	14	26	6	11	40	67	5	13	75	107	60	36
		SW	9	19	23	14	4	25	101		13	19	25	13	22
WSW		12	24	47	15	9	24	83	5	22	13	18	12	24	
W		30	53	38	42	22	35	62	23	11	7	26	9	30	
WNW	188	131	70	113	106	111	81	73	42	47	63	35	88		
NW	208	231	118	96	106	83	55	127	46	55	81	71	106		
NNW	234	303	246	101	149	43	27	119	97	174	265	275	169		
(0.1%)	N	95	36	50	50	36	26	20	74	99	74	43	152	63	
Number of Days With Classified	Daily Max. Temp.	0.0	9	4											13
		0.1 ~ 10.0	20	19	11								10	19	79
		10.1 ~ 20.0	2	6	19	20	14	4			1	18	19	12	115
		20.1 ~ 30.0			1	10	17	26	29	8	29	13	1		134
		30.1							2	23					25
	Daily Mean Temp.	-5.0	7	1											8
		-4.9 ~ 0.0	13	14	4									6	37
		0.1 ~ 10.0	11	12	20	4					3	18	23	91	
		10.1 ~ 20.0		2	7	26	30	23	1	4	11	25	12	2	143
		20.1					1	7	30	27	19	3			87
	Daily Min. Temp.	-15.0													
		-14.9 ~ -5.0	9	10	1										20
		-4.9 ~ 0.0	18	14	11								5	17	65
		0.1 ~ 10.0	4	5	19	21	8					5	19	14	95
		10.1				9	23	30	31	31	30	26	6		186
	Daily Precip.	0.1mm	6	7	7	12	12	16	12	4	11	14	11	10	122
		10.0mm		2	3	6	4	4	5	2	4	4	3	2	39
		30.0mm		1	2	3	2	2	3		2	2			17
		80.0mm							2		1				3
		100.0mm													
60 - Minute Max. Precip.	1.0mm				12	10	8	7	3	7	12			59	
	6.0mm				5	3	3	5	1	3	3			23	
	10.0mm				3	1	2	3		2	2			13	
	20.0mm						1	2		1				4	
	30.0mm							1		1				2	
10 - Minute Max. Precip.	0.1mm				12	12	16	12	4	11	14			81	
	1.0mm				7	7	5	7	2	3	6			37	
	5.0mm						2	3		1				6	
	10.0mm						1	1		1				3	
Daily Max. New Snowfall	0.1cm														
	5.0cm														
	10.0cm														
	30.0cm														
Daily Max. Snow Depth	0.1cm														
	5.0cm														
	10.0cm														
	20.0cm														
	30.0cm														
Daily Min. Rel. Humid.	20%		1	2	6	1					2	1	2	15	
	21 ~ 30%			5	6	4					2	4		21	
	31 ~ 40%	1	8	7	3	6	2			3	1	1	6	38	
	41 ~ 50%	6	2	7	4	4	3		4	6	8	8	5	57	
	51 ~ 70%	15	13	6	6	10	3	4	23	14	6	12	14	126	
71%	9	5	4	5	6	22	27	4	7	12	4	4	109		
Daily Max. Wind speed	0.5 ~ 3.3%														
	3.4 ~ 7.9%	14	11	15	14	10	21	17	22	23	13	13	11	184	
	8.0 ~ 13.8%	17	16	16	13	19	9	14	9	7	18	17	20	175	
	13.9%		2		3	2								7	

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow														
	Sleet														
	Snow Pellet														
	Hail														
	Fog														
	Frost														
	Freezing														
	Haze														
	Yellow Sand														
	Thunder Storm														
Sunshine (0%)	3	4	3	5	3	7	7	1	7	5	4	4	4	53	
< 20%	13	6	6	8	7	15	12	3	13	19	9	9	9	120	
80%	3	9	10	11	9	3	1	13	3	2	7	5	5	76	
Cloud Amount															
2.4															
2.5 ~ 5.4															
5.5 ~ 7.4															
7.5															
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10250	10252	10226	10143	10104	10101	10089	10085	10079	10146	10228	10235	
		2nd	10221	10208	10207	10144	10154	10060	10054	10052	10132	10199	10194	10246	
		3rd	10276	10291	10211	10114	10103	10077	10095	10036	10156	10187	10248	10252	
	Mean Temp. (0.1)	1st	17	-12	49	123	139	179	226	257	220	175	88	48	
		2nd	-17	29	49	119	158	194	216	258	204	161	116	45	
		3rd	-31	8	68	135	177	196	246	224	196	126	47	24	
	Mean Max.Temp. (0.1)	1st	57	34	88	180	183	223	251	312	271	211	138	98	
		2nd	21	69	101	179	217	235	256	322	250	209	159	86	
		3rd	-1	57	137	195	235	233	290	281	240	158	92	68	
	Mean Min.Temp. (0.1)	1st	-9	-41	15	86	105	150	208	225	191	151	55	11	
		2nd	-39	-8	11	78	114	169	190	227	178	135	86	12	
		3rd	-53	-30	28	96	141	176	221	193	171	104	20	-7	
	Mean D.P.Temp. (0.1)	1st	-17	-53	17	39	97	157	218	227	173	146	35	-8	
		2nd	-49	1	-8	77	98	185	204	227	170	106	62	-4	
		3rd	-42	-33	4	61	121	184	233	188	161	79	0	-13	
	Mean Vapor Press (0.1hPa)	1st	57	41	77	88	126	182	262	278	199	176	83	61	
		2nd	43	69	63	109	125	215	241	277	195	131	102	65	
		3rd	47	51	66	101	144	213	287	222	186	112	65	60	
	Mean Rel. Humid. (%)	1st	79	75	82	68	81	89	96	85	77	84	71	71	
		2nd	81	84	70	79	73	95	94	84	81	72	73	73	
3rd		93	76	67	67	72	94	94	82	82	75	73	77		
Mean Wind Speed (0.1m/s)	1st	45	49	53	39	57	35	43	33	39	57	50	50		
	2nd	52	66	39	64	50	39	49	43	34	39	56	53		
	3rd	52	46	45	39	48	48	42	50	39	59	49	60		
Total Precip. (0.1mm)	1st	0	0	866	368	905	207	1502		14	1083	173	1		
	2nd	51	542	105	612	115	498	1064	1	1179	198	438	107		
	3rd	135	18		1072	346	974	25	331	748	262	130	470		
Total Evaporation (0.1mm)	1st														
	2nd														
	3rd														
Total Sunshine (0.1hr)	1st	467	765	527	633	452	527	298	930	556	372	698	629		
	2nd	406	411	710	722	961	412	513	1031	360	347	481	378		
	3rd	287	515	947	684	771	347	844	866	420	200	440	423		
Mean Cloud Amount (0.1)	1st														
	2nd														
	3rd														
First and Last of Seasonal Phenomena	Genesis	Max. Temp. 30							25	25					32(26)
		Max. Temp. 25					18				04			140(81)	
		Mean Temp. 25							25	25				32(28)	
		Min. Temp. 25												(0)	
	Continue	Max. Temp. 30								05 - 25					21
		Max. Temp. 25							17	26					41
		Mean Temp. 25								05 - 15					11
		Min. Temp. 25													
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0							17	29					75(13)
		Mean Temp. < 0					26				11				107(46)
		Min. Temp. < 0					26				26				122(77)
Frost															
Continue	Freezing														
	Snow														
	Snow Cover														
	Max. Temp. < 0							19 - 25						7	
	Mean Temp. < 0							30	07					9	
	Min. Temp. < 0							29	10					13	
	Frost														
	Freezing														
Snow															
Snow Cover															

Element		1	2	3	4	5	6	7	8	9	10	11	12			
(0.1hPa)	Air Press.	Mean Station	10223	10227	10192	10115	10101	10060	10060	10038	10101	10154	10200	10223	10141	
		Mean Sea Level	10249	10253	10217	10139	10125	10084	10083	10061	10124	10178	10225	10248	10166	
		Highest	10346	10381	10309	10253	10231	10136	10161	10118	10212	10309	10335	10343	10381	
		Date	01	25	01	19	14	06	06	01	21	30	29	30	02/25	
		Lowest	10111	10036	10080	9977	9961	9986	9984	9977	10020	9806	10118	10119	9806	
		Date	17	13	18	16	03	24	16	30	01	05	18	22	10/05	
(0.1)	Air Temp.	Mean	61	73	108	156	189	222	274	285	239	201	137	95	170	
		Mean Max.	83	106	143	196	229	255	307	314	263	229	169	127	202	
		Mean Min.	41	45	76	126	157	198	250	261	219	181	110	66	144	
		Highest	168	205	225	245	304	302	355	344	330	321	232	223	355	
		Date	02	12	04	16	15	24	28	12	01	02	14	21	07/28	
		Lowest	- 58	- 4	10	98	118	167	223	199	189	122	67	31	- 58	
		Date	24	15	01	01	16	02	03	28	30	24	16	01/24		
(0.1hPa)	Vapor Press.	Mean	64	64	85	130	151	221	288	287	237	184	112	84	159	
		Highest	123	188	179	214	237	309	361	352	311	302	224	200	361	
		Date	28	13	05	16	15	24	28	09	17	03	14	21	07/28	
		Lowest	27	35	30	41	45	104	206	156	147	63	46	36	27	
		Date	24	29	28	24	17	03	15	31	20	09	12	01/24		
(0.1) Mean D.P.Temp.		0	- 3	35	105	128	189	234	232	201	156	77	35	116		
Rel. Humid.	(%)	Mean	66	60	63	74	71	83	80	74	80	76	69	67	72	
		Lowest	40	21	15	16	17	27	50	44	41	33	32	33	15	
		Date	05	28	29	24	17	03	05	31	01	30	09	12	03/29	
(0.1mm)	Precip.	00~24h Total	1256	400	969	1214	1130	1627	986	756	1723	2824	713	566	14164	
		09~09h Total	1256	400	969	1214	1130	1627	986	756	1744	2803	713	566	14164	
	Highest	1 Daily	335	240	327	252	316	499	571	496	618	1585	187	252	1585	
		Date	17	12	05	03	10	29	12	28	28	05	26	26	10/05	
	6 6 - Hour	Date	17	12	06	13	10	29	12	28	28	05	27	26	10/05	
		1 60 - Minute				164	155	167	108	110	116	517			517	
	Date				13	24	29	12	28	28	05				10/05	
		10 10 - Minute			51	49	65	46	25	32	101				101	
	Date				13	24	20	12	28	28	05				10/05	
		2 2 - Day	596	331	423	311	318	572	610	626	860	1751	235	266	1751	
Date		28 - 29	12 - 13	08 - 09	03 - 04	09 - 10	28 - 29	11 - 12	27 - 28	28 - 29	04 - 05	13 - 14	25 - 26	10/04 - 10/05		
	3 3 - Day	634	332		232	325	777	647	69	1135	1185		273	1185		
Date		28 - 30	11 - 13		26 - 28	08 - 10	20 - 24	10 - 13	02 - 04	26 - 30	26 - 01		25 - 27	09/26 - 10/01		
	Evapor.	Total	407	694	968	1046	1445	1064								
Small		Highest	26	52	57	70	92	79								
	Date		11	28	28	15	04	02								
Large		Total				694	992	691								
	Date				48	74	53									
				30	23	02										
(0.1%)	Wind	Mean Speed	43	43	30	29	27	24	27	31	26	29	32	35	31	
		Highest Speed	143	117	107	143	135	91	127	117	87	290	116	109	290	
		Highest Dir.	NW	NNW	SW	SSW	S	SSW	SSW	W	NE	NNE	N	NNW	NNE	
		Date	24	29	29	16	03	24	02	31	19	05	08	27	10/05	
		Highest Gust Speed	241	210	169	332	237	173	214	182	140	470	174	202	470	
		Highest Gust Dir.	N	NNW	SW	SSW	SSW	SSW	SSW	W	SSW	NNE	NNE	NNE	NNE	
		Date	24	15	29	16	02	24	01	31	17	05	24	27	10/05	
		Resultant Speed	28	27	11	2	5	4	5	11	13	13	13	19	10	
		Resultant Dir.	NNW	NW	NNW	NW	NW	N	NE	NE	E	NE	N	NNW	N	
(0.1)	Cloud Amount	Mean	78	64	50	62	57	78	56	39	71	78	63	67	64	
		Mean Low Mid.	64	49	30	31	30	47	30	29	47	50	47	53	42	
Sunshine	(0.1%)	Total(0.1hr)	314	1104	1904	1708	2079	1101	2252	2581	1150	801	1143	1047	17184	
		Perc.(0.1%)	99	347	512	437	482	256	515	623	310	228	365	338	385	
(0.01MJ/m) Total Horizontal Radiation		13275	26897	47948	48309	59190	45138	61055	63134	36708	27631	24740	20316	474341		
Snow	(0.1cm)	Highest	Snow Depth	120											120	
			Date	23												01/23
			Snowfall	120												120
			Date	23												01/23
		Total	220	0										220		
(0.1)	Grass Min. Temp.	Mean	36	37	63	116	146	195	244	254	209	171	100	55	136	
		Lowest	- 14	- 6	10	89	98	163	218	191	174	116	60	19	- 14	
		Date	19	15	02	02	17	03	15	28	23	30	26	31	01/19	
(0.1)	Mean Soil Temp.	Surface	58	73	131	179	216	244	300	327	252	203	133	90	184	
		0.05m Underground	65	72	117	170	206	239	286	306	250	207	144	99	180	
		0.1m "	70	73	118	171	208	242	289	311	257	213	151	105	184	
		0.2m "	76	75	116	168	206	240	280	307	259	219	160	114	185	
		0.3m "	80	75	114	165	202	237	280	306	260	221	163	117	185	
		0.5m "	84	76	111	161	198	234	276	300	260	224	174	127	185	
		1.0m "	98	76	100	144	178	215	254	283	255	228	184	139	180	
		1.5m "	99	72	93	130	163	196	232	261	245	228	187	140	171	
		3.0m "	156	126	118	124	148	176	207	231	229	221	207	186	177	
5.0m "	182	171	162	154	153	159	171	185	198	205	203	195	178			
(0.01hr) Dur. of Precip.		18133	7194	6334	12026	10113	11761	7085	3055	13703	11308	5602	8361	114675		
(0.01hr) Dur. of Fog				258	565	517	3959				280			5579		

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	104	73	78	52	39	40	45	91	43	266	95	91	266	
		NE	73	53	93	59	73	60	63	74	74	233	77	50	233	
		ENE	53	26	69	62	64	52	59	75	66	99	54	50	99	
		E	34	23	31	69	51	53	53	43	48	55	46	41	69	
		ESE	26	49	39	69	53	61	61	46	45	49	44	33	69	
		SE	24	73	52	83	31	42	22	34	35	47	26	50	83	
		SSE	29	62	48	63	56	64	23	37	47	40	35	27	64	
		S	31	34	50	100	102	20	48	30	45	33	31	36	102	
		SSW	35	80	76	98	91	84	113	28	67	28	31	85	113	
		SW	31	69	89	119	72	29	102	62	59	72	46	67	119	
		WSW	38	85	79	122	92	79	67	89	48	66	67	47	122	
		W	65	75	64	105	108	70	59	89	48	73	67	73	108	
		WNW	95	81	56	81	59	56	61	68	41	76	63	78	95	
		NW	124	99	58	43	57	41	36	78	35	103	85	93	124	
	NNW	116	102	64	36	37	39	41	60	37	183	63	90	183		
	(0.1%)	N	92	76	68	39	55	29	29	70	19	71	77	75	92	
	Hourly Occurrence Percentage	CALM	1	4	16	29	26	47	32	15	7	9	7	9	17	
		NNE	137	46	98	53	74	81	102	78	49	74	132	87	84	
		NE	43	23	78	58	87	111	161	130	110	69	47	34	80	
		ENE	30	11	28	65	65	61	58	132	188	128	49	19	69	
		E	27	1	17	78	65	75	82	90	122	133	61	28	65	
		ESE	5	20	28	69	39	72	62	58	54	109	58	16	49	
		SE	11	29	23	18	16	19	28	31	68	67	24	17	29	
		SSE	46	49	74	36	22	28	24	24	88	48	82	51	47	
		S	55	60	94	43	51	25	47	87	79	59	88	109	67	
		SSW	26	34	39	44	58	35	50	67	51	34	28	50	43	
		SW	44	37	46	58	40	15	59	19	43	24	26	40	38	
		WSW	28	55	38	72	73	101	63	24	25	27	15	35	46	
W		35	45	65	133	122	107	67	36	25	42	46	35	63		
WNW		89	72	73	114	109	75	75	50	29	26	54	55	68		
NW	195	177	73	51	43	40	31	77	18	31	72	160	80			
NNW	147	243	103	42	48	56	28	40	25	34	89	153	83			
(0.1%)	N	82	93	108	35	63	51	30	42	19	87	122	102	70		
Number of Days With Classified	Daily Max. Temp.	0.0														
		0.1 ~ 10.0	21	16	6								1	10	54	
		10.1 ~ 20.0	10	12	22	17		6					5	21	19	112
		20.1 ~ 30.0		1	3	13		24	29	11	7	28	25	8	2	151
	Daily Mean Temp.	30.1					1	1	20	24	2	1			49	
		-5.0														
		-4.9 ~ 0.0	2												2	
		0.1 ~ 10.0	26	23	13								4	18	84	
	Daily Min. Temp.	10.1 ~ 20.0	3	6	18	29	22	7				16	26	13	140	
		20.1				1	9	23	31	31	30	15			140	
		-15.0														
		-14.9 ~ -5.0	1												1	
	Daily Precip.	-4.9 ~ 0.0	4	1											5	
		0.1 ~ 10.0	24	27	24	1							12	27	115	
		10.1	2	1	7	29	31	30	31	31	30	31	18	4	245	
		0.1mm	13	11	8	12	12	14	9	7	16	14	11	10	137	
	60 - Minute Max. Precip.	10.0mm	4	1	3	5	5	3	2	2	6	6	2	2	41	
		30.0mm														
		80.0mm	2		1		1	2	1	1	1	1			10	
		100.0mm													1	
	10 - Minute Max. Precip.	1.0mm				10	7	10	6	5	11	11			60	
		6.0mm				2	4	3	2	1	2	4			18	
		10.0mm				1	2	3	2	1	1	3			13	
		20.0mm													1	
	Daily Max. New Snowfall	30.0mm													1	
		0.1mm													1	
		5.0cm	5												5	
		10.0cm	1												1	
Daily Max. Snow Depth	30.0cm													1		
	0.1cm													6		
	5.0cm	4												4		
	10.0cm	3												3		
Daily Min. Rel. Humid.	20.0cm													4		
	20%			2	1	1								8		
	21 ~ 30%		3	2	1	1	1							43		
	31 ~ 40%	1	10	8	7	8	1				2	2	4	88		
Daily Max. Wind speed	41 ~ 50%	19	11	9	9	5	2	1	3	3	4	14	8	172		
	51 ~ 70%	9	4	9	7	12	15	24	26	19	19	10	18	51		
	71%	2	1	1	5	4	11	6	2	8	6	4	1	9		
	0.5 ~ 3.3%					1	2	1				1	4	286		
	3.4 ~ 7.9%	23	11	27	26	25	25	27	27	29	25	24	17	67		
	8.0 ~ 13.8%	7	18	4	2	5	3	3	4	1	5	5	10	4		
	13.9%	1			2						1					

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Number of Days With Phenomena	Snow	6	8											1	15	
	Sleet	7	2											2	11	
	Snow Pellet	2												3	5	
	Hail															
	Fog			1	3	2	10					1			17	
	Frost															
	Freezing	7	2	1											10	
	Haze	2	3	2	2	1								2	12	
	Yellow Sand				2	1									4	
	Thunder Storm		1	1	1			2	3	2			2		12	
	Sunshine (0%)	10	4	3	6	4	8	3	2	6	7	4	6		63	
	< 20%	24	12	5	10	10	15	9	2	15	19	15	14		150	
	80%	0	4	4	7	8	1	9	9	3	1	6	6		58	
	Cloud Amount															
2.4		3	4	6	5		4	8	2		3	3		38		
2.5 ~ 5.4	3	6	18	6	9	4	13	16	6	5	8	4		98		
5.5 ~ 7.4	6	6	4	5	7	7	4	5	7	7	4	10		72		
7.5	22	14	5	13	10	19	10	2	15	19	15	14		158		
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10250	10255	10227	10148	10110	10104	10095	10085	10084	10145	10231	10241		
		2nd	10221	10212	10207	10151	10161	10065	10057	10057	10132	10200	10195	10249		
		3rd	10274	10295	10217	10119	10108	10083	10097	10043	10156	10187	10248	10255		
	Mean Temp. (0.1)	1st	89	58	105	147	182	204	266	289	251	224	139	102		
		2nd	54	92	101	159	184	229	261	298	240	205	163	98		
		3rd	42	69	115	162	200	233	292	268	227	178	109	86		
	Mean Max.Temp. (0.1)	1st	111	86	145	185	222	237	303	320	279	257	176	135		
		2nd	76	126	135	200	229	260	293	330	263	228	197	124		
		3rd	63	106	148	203	235	267	324	294	248	206	134	122		
	Mean Min.Temp. (0.1)	1st	69	36	70	120	150	180	237	267	228	199	110	69		
		2nd	33	59	69	126	146	206	240	272	221	186	131	66		
		3rd	22	41	87	131	173	209	270	246	209	159	90	62		
	Mean D.P.Temp. (0.1)	1st	17	-24	46	104	117	165	228	246	206	183	74	34		
		2nd	-14	26	32	103	119	198	226	239	200	157	111	40		
		3rd	-2	-11	29	108	147	204	246	212	196	131	47	32		
	Mean Vapor Press (0.1hPa)	1st	71	52	93	129	141	190	278	309	244	219	106	80		
		2nd	57	82	84	127	143	232	276	298	236	180	138	87		
		3rd	63	59	80	134	168	242	310	256	232	156	91	84		
Mean Rel. Humid. (%)	1st	61	56	68	78	69	80	81	78	77	79	66	63			
	2nd	62	65	64	71	68	83	82	71	79	75	73	68			
	3rd	74	58	58	74	73	85	77	72	84	75	66	69			
Mean Wind Speed (0.1m/s)	1st	31	40	32	22	33	23	30	25	22	35	34	31			
	2nd	48	47	28	35	27	22	29	26	29	21	25	34			
	3rd	49	41	31	29	22	27	23	40	27	31	36	41			
Total Precip. (0.1mm)	1st	63	2	832	479	443	125	367	85	220	2051	129	0			
	2nd	376	335	136	432	167	366	619	45	354	29	276	94			
	3rd	817	63	1	303	520	1136		626	1149	744	308	472			
Total Evaporation (0.1mm)	1st	171	257	240	266	383	373									
	2nd	154	199	291	419	564	415									
	3rd	82	238	437	361	498	276									
Total Sunshine (0.1hr)	1st	129	449	514	449	515	363	618	741	454	435	546	480			
	2nd	134	258	560	615	1013	431	450	963	308	220	393	265			
	3rd	51	397	830	644	551	307	1184	877	388	146	204	302			
Mean Cloud Amount (0.1)	1st	70	57	55	74	66	78	64	44	68	69	50	51			
	2nd	76	71	52	59	38	75	74	30	78	79	61	72			
	3rd	86	65	43	54	68	80	33	44	68	86	77	77			
First and Last of Seasonal Phenomena	Genesis	Max. Temp. 30					15					02			141(49)	
		Max. Temp. 25					02					25			177(112)	
		Mean Temp. 25										03			95(64)	
		Min. Temp. 25								05	26				53(42)	
	Continue	Max. Temp. 30								04 - 23					20	
		Max. Temp. 25						29			01				65	
		Mean Temp. 25								13	26				45	
		Min. Temp. 25								19	26				39	
	'15.7 - '16.6 Low Temp. Phenomena		'15	7	8	9	10	11	12	'16	1	2	3	4	5	6
	Genesis	Max. Temp. < 0								23 - 24						(0)
		Mean Temp. < 0								18	15					2(2)
		Min. Temp. < 0														29(6)
Frost															(0)	
Freezing									18		01				44(10)	
Snow									13	29					48(14)	
Snow Cover								18						9(7)		
Continue	Max. Temp. < 0								23 - 24						2	
	Mean Temp. < 0								23 - 25						3	
	Min. Temp. < 0															
	Frost															
	Freezing								23 - 26						4	
	Snow								23 - 25						3	
Snow Cover								23 - 26						4		

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10152	10157	10125	10051	10039	9999	10002	9977	10037	10086	10131	10153	10076
		Mean Sea Level	10244	10249	10215	10139	10126	10085	10086	10060	10122	10173	10220	10244	10164
		Highest	10347	10378	10310	10254	10230	10134	10163	10121	10207	10297	10328	10335	10378
		Date	01	25	01	19	14	30	06	01	21	30	29	30	02/25
		Lowest	10101	10046	10088	9997	9975	9997	9991	9970	10023	9773	10126	10123	9773
	Date	17	13	18	16	03	24	16	30	01	05	14	26	10/05	
(0.1)	Air Temp.	Mean	56	67	97	142	175	211	261	277	234	197	134	94	162
		Mean Max.	79	92	126	177	209	242	287	311	264	227	162	123	192
		Mean Min.	37	41	71	113	147	190	239	251	211	175	109	68	138
		Highest	161	173	184	225	255	281	330	340	310	294	222	195	340
		Date	03	11	05	26	23	23	31	13	27	03	13	21	08/13
		Lowest	-62	-11	6	97	116	150	214	197	181	116	56	21	-62
	Date	24	15	01	01	16	02	02	28	20	30	24	30	01/24	
(0.1hPa)	Vapor Press.	Mean	64	68	91	134	163	228	299	293	246	189	116	88	165
		Highest	129	191	177	200	238	300	367	378	326	336	235	216	378
		Date	28	13	05	16	15	23	28	09	17	03	14	21	08/09
		Lowest	32	31	34	60	77	113	224	167	144	64	54	41	31
	Date	24	10	12	24	01	01	15	31	20	30	29	16	02/10	
(0.1) Mean D.P.Temp.		2	4	46	111	142	194	240	235	207	160	84	43	122	
Rel. Humid. (%)	Mean	70	66	72	84	82	91	89	79	86	80	73	71	79	
	Lowest	42	27	30	25	31	32	68	56	48	35	42	38	25	
	Date	16	10	12	24	21	03	20	31	21	30	09	11	04/24	
(0.1mm)	Precip.	00-24h Total	701	767	890	1473	1432	1937	1172	764	1289	1222	507	777	12931
		09-09h Total													
	Highest	1 Daily	291	484	452	436	413	630	705	271	635	215	127	296	705
		Date	28	12	05	13	03	22	12	03	28	22	26	26	07/12
	6 6 - Hour	171	326	422	436	395	484	362	271	400	226	87	228	484	
		Date	28	12	06	13	03	29	12	03	28	22	26	19	06/29
	1 60 - Minute	260			260	140	257	204	241	120	68				260
		Date				13	03	22	12	03	28	05			04/13
	10 10 - Minute	94			94	52	106	96	102	40	24				106
		Date				13	03	22	12	03	28	28			06/22
2 2 - Day	382	670	496	225	582	858	847	440	699	384	139	298	858		
	Date	28 - 29	12 - 13	05 - 06	06 - 07	02 - 03	28 - 29	11 - 12	03 - 04	28 - 29	21 - 22	13 - 14	25 - 26	06/28 - 06/29	
3 3 - Day	692			52	276	980	937	442	822	864				980	
	Date				26 - 28	26 - 29	27 - 29	10 - 12	03 - 05	26 - 30	26 - 02			25 - 27	06/27 - 06/29
(0.1mm)	Evapor.	Total													
		Highest													
(0.1mm)	Small	Total													
		Highest													
(0.1mm)	Large	Total													
		Highest													
(0.1%)	Wind	Mean Speed	93	97	60	56	53	45	51	44	42	57	70	87	63
		Highest Speed	269	223	168	280	203	138	143	198	137	490	208	231	490
		Highest Dir.	NW	NNW	NNW	WNW	NNW	NW	SSW	NW	NW	NW	NNW	NNW	NW
		Date	24	14	23	17	16	24	02	30	07	05	24	27	10/05
		Highest Gust Speed	360	295	255	334	268	174	182	251	184	565	274	293	565
		Highest Gust Dir.	WNW	NNW	N	W	NNW	NW	SSW	NW	NNE	NW	NNW	NW	NW
		Date	24	29	09	17	16	24	02	30	19	05	24	27	10/05
		Resultant Speed	80	63	25	14	8	5	29	21	20	34	46	64	28
	Resultant Dir.	NNW	NNW	NNW	N	NNE	SSE	SE	NNW	NNE	NNE	N	NNW	N	
(0.1)	Cloud Amount	Mean													
		Mean Low Mid.													
Sunshine	Total(0.1hr)	653	1421	2072	1656	1930	1212	2189	2967	1400	1116	1341	1156	19113	
	Perc.(0.1%)	206	445	557	424	448	282	500	717	377	317	427	372	429	
(0.01MJ/m) Total Horizontal Radiation		11854	20110	34380	33698	39318	33424	41135	47348	27677	22299	17824	15116	344183	
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
		Total													
(0.1)	Grass Min. Temp.	Mean	28	34	60	104	135	184	234	244	201	156	83	43	126
		Lowest	-39	-14	-1	81	73	134	207	196	163	76	39	-4	-39
		Date	23	15	12	30	17	02	10	28	22	30	29	30	01/23
(0.1)	Mean Soil Temp.	Surface	53	73	115	171	216	255	297	338	260	200	128	84	183
		0.05m													
		0.1m													
		0.2m													
		0.3m													
		0.5m													
		1.0m													
		1.5m													
		3.0m													
		5.0m													
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	113	89	140	74	77	70	53	80	103	138	87	87	140
		NE	92	69	116	88	48	90	43	75	100	163	94	66	163
		ENE	66	40	64	73	45	48	46	69	50	84	54	44	84
		E	45	40	48	35	49	40	43	50	39	72	54	53	72
		ESE	32	105	43	143	132	91	96	61	81	84	89	84	143
		SE	35	116	91	151	121	92	95	80	101	75	88	95	151
		SSE		99	100	142	127	88	118	70	106	96	77	131	142
		S	38	95	108	164	118	93	115	47	89	90	90	114	164
		SSW	34	101	88	162	30	115	94	38	85	102	108	142	162
		SW	29	108	75	221	152	122	131	113	87	66	50	90	221
		WSW	79	160	121	145	153	123	131	150	52	136	135	151	160
		W	81	181	96	257	146	126	107	164	41	139	145	142	257
		WNW	172	192	77	232	192	89	107	147	72	70	139	168	232
		NW	268	210	128	202	156	104	67	175	137	467	149	192	467
	NNW	255	214	158	128	198	111	85	154	101	349	205	217	349	
	(0.1%)	N	129	126	160	92	124	71	56	108	84	232	145	131	232
	Hourly Occurrence Percentage	CALM	23	4	69	3	24	4	4	54	10	4	1	3	17
		NNE	129	45	111	72	44	35	15	59	150	142	69	103	81
		NE	60	33	41	33	43	26	17	60	151	148	108	58	65
		ENE	43	14	22	7	23	26	36	52	64	52	39	24	34
		E	7	10	11	19	20	14	24	47	21	34	25	27	22
		ESE	16	37	7	154	105	146	254	122	72	114	108	54	99
		SE	5	72	59	88	195	183	196	27	60	48	29	32	83
		SSE		20	57	31	36	53	192	32	32	31	14	12	43
		S	5	24	51	13	11	35	51	13	15	16	26	9	22
		SSW	4	27	21	10	5	24	16	8	15	13	11	9	14
		SW	4	22	15	29	9	22	16	16	17	7	8	11	15
		WSW	23	23	68	29	23	57	15	26	15	9	19	15	27
W		17	47	46	29	39	54	20	38	8	15	11	24	29	
WNW		52	27	18	46	50	76	38	32	24	15	31	46	38	
NW	236	76	50	85	47	82	30	85	51	43	50	107	79		
NNW	213	388	194	217	200	101	51	239	146	114	251	299	200		
(0.1%)	N	161	129	160	135	125	61	24	89	149	194	197	166	132	
Number of Days With Classified	Daily Max. Temp.	0.0	1												1
		0.1 ~ 10.0	21	18	9								2	12	62
		10.1 ~ 20.0	9	11	22	25	11					7	20	19	124
		20.1 ~ 30.0				5	20	30	18	7	29	24	8		141
		30.1							13	24	1				38
	Daily Mean Temp.	-5.0													2
		-4.9 ~ 0.0	2										6	16	88
		0.1 ~ 10.0	26	24	16							18	24	15	147
	Daily Min. Temp.	10.1 ~ 20.0	3	5	15	30	27	10				30	13		129
		20.1					4	20	31	31	30	13			
		-15.0													
	Daily Min. Temp.	-14.9 ~ -5.0	2												2
		-4.9 ~ 0.0	3	2											5
		0.1 ~ 10.0	25	24	25	3							13	26	116
	Daily Precip.	10.1	1	3	6	27	31	30	31	31	30	31	17	5	243
		0.1mm	9	6	9	11	14	11	8	7	14	15	10	7	121
		10.0mm	2	2	2	6	5	5	3	4	3	5	2	3	42
		30.0mm		1	1	2	2	3	1		1				11
		80.0mm													
	60 - Minute Max. Precip.	100.0mm													
		1.0mm				11	12	9	7	4	9	11			63
		6.0mm				3	4	4	2	2	3	2			20
		10.0mm				2	1	3	2	1	1				10
		20.0mm				1		1	1	1					4
10 - Minute Max. Precip.	30.0mm														
	0.1mm				12	14	11	8	7	14	15			81	
	1.0mm				7	7	7	6	4	6	6			43	
Daily Max. New Snowfall	5.0mm				1	1	3	2	1					8	
	10.0mm						1		1					2	
Daily Max. Snow Depth	0.1cm														
	5.0cm														
	10.0cm														
Daily Min. Rel. Humid.	20.0cm														
	0.1cm														
	5.0cm														
	10.0cm														
	20.0cm														
Daily Max. Wind speed	30.0cm														
	20%														
	21 ~ 30%			1	1	1								3	
Daily Min. Rel. Humid.	31 ~ 40%			5	1		4	1			1		1	13	
	41 ~ 50%	8	8	9	8	5	2			2	3	7	3	55	
	51 ~ 70%	21	13	13	10	10	2	7	29	14	17	19	24	179	
Daily Max. Wind speed	71%	2	2	7	11	12	25	24	2	14	10	4	3	116	
	0.5 ~ 3.3%			1										1	
	3.4 ~ 7.9%	5	2	6	10	16	18	18	23	18	12	7	3	138	
Daily Max. Wind speed	8.0 ~ 13.8%	12	9	20	16	9	12	12	5	12	13	12	13	145	
	13.9%	14	18	4	4	6		1	3		6	11	15	82	

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Number of Days With Phenomena	Snow															
	Sleet															
	Snow Pellet															
	Hail															
	Fog															
	Frost															
	Freezing															
	Haze															
	Yellow Sand															
	Thunder Storm															
Sunshine (0%)	5	3	3	4	3	6	4	0	6	6	1	4	45			
< 20%	18	8	5	11	12	14	10	2	12	15	10	11	128			
80%	0	5	8	5	7	1	11	18	3	2	4	4	68			
Cloud Amount	2.4															
2.5 ~ 5.4																
5.5 ~ 7.4																
7.5																
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10247	10250	10224	10148	10112	10101	10098	10085	10084	10141	10226	10236		
		2nd	10216	10210	10205	10150	10161	10067	10058	10057	10129	10198	10194	10244		
		3rd	10267	10292	10217	10119	10107	10085	10099	10040	10152	10180	10241	10250		
	Mean Temp. (0.1)	1st	83	54	96	134	164	197	243	279	240	219	138	102		
		2nd	49	84	90	144	173	219	253	290	233	199	160	99		
		3rd	38	62	104	148	189	218	284	264	229	175	105	84		
	Mean Max.Temp. (0.1)	1st	109	75	123	165	195	236	264	312	267	252	169	131		
		2nd	72	110	118	183	212	246	281	325	263	228	190	126		
		3rd	59	91	135	183	218	244	313	297	263	203	129	113		
	Mean Min.Temp. (0.1)	1st	67	34	68	110	139	171	224	252	222	197	113	74		
		2nd	30	54	62	110	136	198	230	264	207	179	130	70		
		3rd	17	35	81	120	164	201	262	238	204	151	85	59		
	Mean D.P.Temp. (0.1)	1st	22	-18	58	110	137	167	233	247	216	190	82	43		
		2nd	-14	34	37	112	134	204	231	246	204	159	120	49		
		3rd	-1	-3	45	113	153	211	253	215	201	133	50	37		
	Mean Vapor Press (0.1hPa)	1st	73	54	101	132	158	191	286	311	258	229	112	84		
		2nd	56	88	85	135	155	241	284	310	243	182	145	92		
		3rd	64	63	88	136	175	251	323	260	239	158	92	86		
	Mean Rel. Humid. (%)	1st	66	60	78	86	85	84	95	83	87	84	70	67		
		2nd	65	72	71	82	79	92	89	78	85	78	78	72		
3rd		77	64	68	82	82	96	84	76	85	78	69	73			
Mean Wind Speed (0.1m/s)	1st	72	93	63	52	72	34	53	30	47	67	68	79			
	2nd	104	110	53	73	49	50	51	32	44	43	59	83			
	3rd	102	88	65	45	40	49	48	66	36	61	85	98			
Total Precip. (0.1mm)	1st	56	0	755	555	1011	48	305	458	189	477	165	1			
	2nd	193	693	132	702	45	230	867	0	265	26	187	239			
	3rd	452	74	3	216	376	1659		306	835	719	155	537			
Total Evaporation (0.1mm)	1st															
	2nd															
	3rd															
Total Sunshine (0.1hr)	1st	269	531	544	453	392	457	399	786	554	560	603	534			
	2nd	259	363	650	597	968	470	496	1112	304	322	441	320			
	3rd	125	527	878	606	570	285	1294	1069	542	234	297	302			
Mean Cloud Amount (0.1)	1st															
	2nd															
	3rd															
First and Last of Seasonal Phenomena	Genesis	Max. Temp. 30							07		27			83(39)		
		Max. Temp. 25					23				15		146(99)			
		Mean Temp. 25							05		03		91(54)			
		Min. Temp. 25							21		26		37(33)			
	Continue	Max. Temp. 30								07 - 26				20		
		Max. Temp. 25							11		27		48			
		Mean Temp. 25							19		27		40			
		Min. Temp. 25								05 - 20			16			
	'15.7 - '16.6 Low Temp. Phenomena		'15	7	8	9	10	11	12	'16	1	2	3	4	5	6
	Genesis	Max. Temp. < 0								24 - 24					1(1)	
		Mean Temp. < 0								23 - 24					2(2)	
		Min. Temp. < 0								18	29				43(7)	
Frost																
Continue	Max. Temp. < 0								24 - 24					1		
	Mean Temp. < 0								23 - 24					2		
	Min. Temp. < 0								23 - 25					3		
	Frost															
Freezing																
Snow																
Snow Cover																

Element		1	2	3	4	5	6	7	8	9	10	11	12			
(0.1hPa)	Air Press.	Mean Station	10217	10223	10188	10115	10102	10062	10065	10037	10100	10151	10194	10216	10139	
		Mean Sea Level	10239	10245	10209	10137	10123	10082	10085	10057	10121	10171	10216	10238	10160	
		Highest	10339	10373	10301	10249	10234	10134	10159	10114	10206	10291	10321	10333	10373	
		Date	01	25	01	19	14	18	06	01	21	30	29	30	02/25	
		Lowest	10097	10041	10081	9996	9973	9980	9995	9964	10023	9643	10112	10117	9643	
		Date	17	13	18	17	03	24	16	30	01	05	14	22	10/05	
(0.1)	Air Temp.	Mean	50	64	101	152	182	215	261	279	234	198	131	90	163	
		Mean Max.	82	100	141	194	223	243	289	317	261	226	169	129	198	
		Mean Min.	21	27	58	111	141	190	238	247	210	174	96	53	131	
		Highest	175	181	192	242	276	277	332	353	293	295	243	201	353	
		Date	03	13	19	14	30	26	28	15	09	03	14	21	08/15	
		Lowest	-69	-20	-1	83	103	156	212	197	179	110	46	3	-69	
		Date	24	15	12	30	05	03	17	28	23	30	29	30	01/24	
(0.1hPa)	Vapor Press.	Mean	64	66	89	134	160	228	298	286	242	187	113	83	163	
		Highest	140	197	182	213	232	307	365	363	324	313	246	220	365	
		Date	28	13	05	07	15	24	16	05	17	03	14	21	07/16	
		Lowest	26	25	33	52	49	112	220	147	149	64	48	40	25	
		Date	24	09	10	15	17	01	15	31	21	30	09	16	02/09	
(0.1) Mean D.P.Temp.			-1	-3	42	109	135	194	239	231	204	158	78	33	118	
Rel. Humid. (%)	Mean		71	64	69	78	77	89	89	77	84	79	71	69	76	
		Lowest	40	17	27	20	17	46	60	31	42	34	36	30	17	
		Date	15	09	27	14	17	25	14	31	08	30	11	10	05/17	
(0.1mm)	Precip.	00-24h Total	1678	1031	2067	2944	1978	2413	1702	814	2761	2802	929	1440	22559	
		09-09h Total														
		Highest	1 Daily	667	527	1044	659	811	1089	1169	326	668	1272	236	768	1272
			Date	28	12	05	06	03	22	12	28	28	05	10	19	10/05
		6	6 - Hour	404	368	690	516	780	739	686	282	440	1135	196	449	1135
			Date	28	12	06	06	03	22	12	28	28	05	27	19	10/05
		1	60 - Minute				216	308	466	502	119	147	417			502
			Date				13	03	22	12	07	16	05			07/12
		10	10 - Minute				77	86	204	165	81	50	111			204
			Date				13	03	22	12	07	01	05			06/22
2	2 - Day	1054	866	1136	939	856	1149	1433	386	840	1418	278	823	1433		
	Date	28 - 29	12 - 13	05 - 06	06 - 07	02 - 03	21 - 22	11 - 12	27 - 28	28 - 29	04 - 05	13 - 14	18 - 19	07/11 - 07/12		
3	3 - Day	1058	926		586	405	1487	1507	252	1249	1484		306	1507		
	Date	27 - 30	12 - 15		26 - 28	08 - 10	20 - 22	10 - 13	03 - 07	26 - 30	03 - 05		25 - 27	07/10 - 07/13		
(0.1mm)	Evapor.	Small	Total													
			Highest													
	Large	Total														
		Highest														
(0.1%)	Wind	Mean Speed	31	36	31	28	28	23	28	27	28	33	31	33	30	
		Highest Speed	97	130	103	159	120	86	85	82	90	195	87	118	195	
		Highest Dir.	WNW	WNW	SSW	WNW	WNW	WNW	SSW	WNW	S	ENE	WNW	WNW	ENE	
		Date	31	14	29	17	03	24	02	30	17	05	10	14	10/05	
		Highest Gust Speed	165	197	168	223	179	139	139	143	152	304	146	184	304	
		Highest Gust Dir.	W	NW	WNW	WNW	WNW	E	SW	NW	NNE	E	WNW	NNW	E	
		Date	19	14	10	17	03	04	02	29	19	05	23	14	10/05	
		Resultant Speed	26	23	14	2	7	2	13	9	15	16	18	24	10	
		Resultant Dir.	WNW	W	WNW	NW	W	SSE	SSE	N	N	N	NW	WNW	NW	
Cloud Amount (0.1)		Mean														
		Mean Low Mid.														
Sunshine		Total(0.1hr)	993	1731	2077	1688	1977	1072	1609	2818	1115	957	1544	1576	19157	
		Perc.(0.1%)	313	543	558	432	459	249	368	680	300	272	493	508	430	
(0.01MJ/m) Total Horizontal Radiation																
Snow (0.1cm)	Highest	Snow Depth														
		Date														
		Snowfall														
		Total														
Grass Min. Temp. (0.1)	Mean		18	20	50	105	136	187	236	243	207	168	91	48	126	
		Lowest	-61	-26	-11	75	95	153	209	193	177	105	40	-11	-61	
		Date	24	26	28	29	05	03	17	28	23	30	29	30	01/24	
(0.1)	Mean Soil Temp.	Surface	50	63	111	163	196	229	279	321	245	192	125	86	172	
		0.05m														
		0.1m														
		0.2m														
		0.3m														
		0.5m														
		1.0m														
		1.5m														
		3.0m														
		5.0m														
(0.01hr) Dur. of Precip.																
(0.01hr) Dur. of Fog																

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	62	16	53	60	43	46	42	55	77	91	41	35	91
		NE	61	22	42	55	52	60	48	60	61	121	63	31	121
		ENE	49	14	46	59	46	68	43	55	54	175	61	50	175
		E	50	49	42	62	42	77	66	47	68	51	71	59	77
		ESE	28	29	44	49	38	69	56	37	69	55	47	65	69
		SE		73	61	77	87	52	38	33	60	52	37	56	87
		SSE	10	53	61	78	81	28	36	41	46	38	43	52	81
		S	29	85	69	85	88	61	69	50	83	47	49	89	89
		SSW	19	90	99	96	88	67	70	59	65	56	68	84	99
		SW	20	61	62	78	59	55	58	61	77	54	67	72	78
		WSW	35	43	41	54	64	32	37	62	21	25	44	33	64
		W	74	49	41	84	94	47	32	68	25	88	40	51	94
		WNW	94	114	73	137	101	73	45	71	50	177	76	103	177
		NW	46	51	54	31	43	32	32	48	28	51	51	54	54
	NNW	54	58	53	36	40	26	27	45	42	59	53	50	59	
	(0.1%)	N	67	27	77	67	46	56	35	65	69	56	58	54	77
	Hourly Occurrence Percentage	CALM	8	4	17	24	40	95	44	15	14	23	6	9	25
		NNE	16	3	26	61	55	70	36	63	193	110	19	13	55
		NE	9	7	31	88	60	77	35	145	154	155	50	16	69
		ENE	11	4	22	54	39	43	34	67	24	75	53	11	36
		E	1	6	22	35	28	32	133	65	8	19	28	19	33
		ESE	4	9	32	22	26	63	73	39	6	30	13	15	28
		SE		53	23	51	20	73	38	34	10	11	11	7	27
		SSE	3	17	27	50	36	39	42	19	15	3	10	12	23
		S	8	32	42	57	122	87	155	20	42	17	8	16	51
		SSW	4	68	71	60	75	106	181	15	18	23	17	11	54
		SW	13	56	44	29	36	67	50	15	15	12	14	23	31
		WSW	32	46	39	39	27	18	34	19	11	15	38	24	28
W		88	43	15	36	26	13	13	36	22	34	61	32	35	
WNW		522	467	352	222	207	74	48	263	176	207	378	550	289	
NW	154	125	114	64	79	43	30	116	74	98	172	164	103		
NNW	65	56	65	49	62	35	27	36	69	77	82	55	56		
(0.1%)	N	62	4	59	60	60	66	28	34	149	93	42	23	57	
Number of Days With Classified	Daily Max. Temp.	0.0	1												1
		0.1 ~ 10.0	19	17	6								2	10	54
		10.1 ~ 20.0	11	12	25	19	4	1				4	20	20	116
		20.1 ~ 30.0				11	27	29	20	6	30	27	8	1	159
	Daily Mean Temp.	30.1							11	25					36
		-5.0													2
		-4.9 ~ 0.0	2												2
		0.1 ~ 10.0	26	24	14								8	19	91
	Daily Min. Temp.	10.1 ~ 20.0	3	5	17	30	28	7				16	22	12	140
		20.1					3	23	31	31	30	15			133
		-15.0													2
		-14.9 ~ -5.0	2												2
	Daily Precip.	-4.9 ~ 0.0	4	7	1										12
		0.1 ~ 10.0	25	20	24	10							20	28	127
		10.1		2	6	20	31	30	31	31	30	31	10	3	225
		0.1mm	14	9	9	14	14	18	14	11	17	15	10	11	156
	60 - Minute Max. Precip.	10.0mm	4	2	5	8	5	6	2	2	8	7	3	3	55
		30.0mm	2	2	1	5	2	3	1	1	3	2	1	1	23
		80.0mm			1		1	1	1	1		1			5
		100.0mm			1			1	1			1			4
	10 - Minute Max. Precip.	1.0mm				10	11	10	8	10	12	13			74
		6.0mm				6	4	4	2	3	7	7			33
		10.0mm				3	3	3	2	1	3	1			16
		20.0mm				1	2	1	1			1			6
Daily Max. New Snowfall	30.0mm					1	1	1			1			4	
	0.1mm													103	
	1.0mm				9	6	4	4	8	8	9			48	
	5.0mm				2	2	3	1	2	1	1			12	
Daily Max. Snow Depth	10.0mm							2	1		1			4	
	0.1cm														
	5.0cm														
	10.0cm														
Daily Min. Rel. Humid.	30.0cm														
	20%			1	1	2								4	
	21 ~ 30%			1	3	5	3						1	13	
	31 ~ 40%	2	6	6	4	3			2		1	3	2	29	
Daily Max. Wind speed	41 ~ 50%	11	13	8	2	3	2		4	2	2	9	14	70	
	51 ~ 70%	15	6	11	10	11	9	8	21	11	21	14	11	148	
	71%	3	2	3	8	9	19	23	4	17	7	4	3	102	
	0.5 ~ 3.3%					2	5	3	1	1				12	
Daily Max. Wind speed	3.4 ~ 7.9%	28	22	26	27	24	23	26	28	27	28	27	26	312	
	8.0 ~ 13.8%	3	7	5	2	5	2	2	2	2	2	3	5	40	
	13.9%				1									2	
												1			

Element		1	2	3	4	5	6	7	8	9	10	11	12	
Number of Days With Phenomena	Snow													
	Sleet													
	Snow Pellet													
	Hail													
	Fog													
	Frost													
	Freezing													
	Haze													
	Yellow Sand													
	Thunder Storm													
Sunshine (0%)	6	2	3	6	2	9	6	1	7	7	2	1	52	
< 20%	11	6	7	12	9	17	15	3	16	18	9	7	130	
80%	0	7	11	8	8	2	4	14	3	2	11	7	77	
Cloud Amount	2.4													
2.5 ~ 5.4														
5.5 ~ 7.4														
7.5														
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10242	10244	10219	10143	10109	10102	10098	10084	10079	10138	10222	10230
		2nd	10210	10207	10200	10151	10158	10063	10058	10052	10129	10195	10190	10239
		3rd	10264	10288	10209	10115	10104	10082	10099	10037	10153	10180	10236	10245
	Mean Temp. (0.1)	1st	76	48	100	149	173	198	248	284	245	220	132	93
		2nd	43	84	95	152	176	224	251	290	234	200	162	95
		3rd	33	60	106	154	196	224	282	264	225	176	100	81
	Mean Max.Temp. (0.1)	1st	113	85	138	196	209	225	271	321	277	247	174	140
		2nd	77	114	135	191	224	254	281	333	260	227	202	131
		3rd	58	102	150	196	234	249	312	298	246	206	131	117
	Mean Min.Temp. (0.1)	1st	44	11	61	110	136	171	226	253	215	196	91	52
		2nd	17	49	53	109	123	197	225	253	211	173	122	54
		3rd	6	20	59	114	163	201	260	236	205	153	74	53
	Mean D.P.Temp. (0.1)	1st	19	-33	54	107	126	173	236	249	206	187	72	28
		2nd	-14	34	38	105	119	204	231	237	205	157	118	40
		3rd	-7	-11	33	115	159	206	250	210	200	132	44	30
	Mean Vapor Press (0.1hPa)	1st	71	49	100	131	151	199	292	315	245	225	106	76
		2nd	57	88	87	131	146	241	283	294	244	181	143	88
		3rd	62	59	81	139	182	245	317	253	237	157	89	84
	Mean Rel. Humid. (%)	1st	68	57	74	78	78	87	94	82	80	83	68	65
		2nd	67	72	69	75	73	89	89	74	85	77	76	70
3rd		76	62	63	80	81	91	84	74	87	76	69	71	
Mean Wind Speed (0.1m/s)	1st	24	33	35	23	34	25	30	20	24	36	33	31	
	2nd	34	42	27	33	29	24	23	24	32	26	28	31	
	3rd	34	34	32	28	21	20	31	36	28	37	31	37	
Total Precip. (0.1mm)	1st	55		1574	1309	1491	158	157	255	532	1913	239	0	
	2nd	329	981	491	830	21	474	1542	163	980	66	382	838	
	3rd	1294	50	2	805	466	1781	3	396	1249	823	308	602	
Total Evaporation (0.1mm)	1st													
	2nd													
	3rd													
Total Sunshine (0.1hr)	1st	349	714	494	519	515	368	391	820	390	463	708	664	
	2nd	388	391	729	605	912	440	293	973	324	279	469	456	
	3rd	256	626	854	564	550	264	925	1025	401	215	367	456	
Mean Cloud Amount (0.1)	1st													
	2nd													
	3rd													
First and Last of Seasonal Phenomena	Genesis	Max. Temp. 30							06	31				57(37)
		Max. Temp. 25					04					28		178(105)
		Mean Temp. 25							04			03		92(56)
		Min. Temp. 25							20	26				38(32)
	Continue	Max. Temp. 30							24	19				27
		Max. Temp. 25							12	27				47
		Mean Temp. 25							19	27				40
		Min. Temp. 25							25	03				10
	'15.7-'16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6
	Genesis	Max. Temp. < 0							24 - 24					
Mean Temp. < 0								23 - 24						2(2)
Min. Temp. < 0								18		12				55(13)
Frost														
Continue	Freezing													
	Snow													
	Snow Cover													
	Max. Temp. < 0							24 - 24						1
Mean Temp. < 0							23 - 24						2	
Min. Temp. < 0							23 - 25						3	
Frost														
Freezing														
Snow														
Snow Cover														

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10171	10178	10145	10076	10064	10024	10029	10000	10061	10108	10149	10171	10098
		Mean Sea Level	10232	10239	10204	10134	10121	10080	10084	10054	10117	10165	10208	10230	10156
		Highest	10336	10363	10293	10244	10226	10135	10162	10115	10203	10275	10312	10319	10363
		Date	01	25	01	19	14	18	06	01	21	30	29	30	02/25
		Lowest	10082	10037	10079	10000	9980	9978	9994	9966	10026	9691	10110	10089	9691
		17	14	18	16	03	24	12	30	01	05	19	22	10/05	
(0.1)	Air Temp.	Mean	62	74	111	158	189	217	258	277	237	204	146	104	170
		Mean Max.	93	109	146	194	221	243	281	307	264	232	179	139	201
		Mean Min.	34	42	77	129	159	195	240	251	214	182	116	72	143
		Highest	167	175	196	227	262	298	315	332	291	300	241	198	332
		Date	03	13	19	25	30	24	29	22	04	05	19	21	08/22
		Lowest	-64	-7	-5	108	126	157	207	209	185	132	59	16	-64
		24	15	01	01	17	04	03	31	24	31	24	28	01/24	
(0.1hPa)	Vapor Press.	Mean	64	68	93	135	162	228	304	287	245	197	124	90	166
		Highest	138	194	185	206	247	304	380	359	334	338	240	225	380
		Date	28	13	05	16	15	24	27	09	17	02	18	21	07/27
		Lowest	23	29	16	46	44	74	228	137	143	38	28	35	16
		24	05	24	25	01	03	15	29	20	30	29	28	03/24	
(0.1) Mean D.P.Temp.		0	2	47	109	138	193	243	232	205	167	94	46	123	
Rel. Humid. (%)	Mean	66	63	67	76	75	88	92	77	83	81	72	68	76	
	Lowest	35	21	8	19	17	26	69	36	48	19	16	30	8	
	Date	14	05	24	25	18	03	08	29	20	30	29	11	03/24	
(0.1mm)	Precip.	00-24h Total	749	1434	1381	2322	2166	2812	2032	1709	1943	4336	446	715	22045
		09-09h Total	755	1428	1381	2322	2166	2837	2007	1709	2059	4220	446	715	22045
	Highest	1 Daily	265	947	733	446	712	1146	988	1033	590	2677	99	348	2677
		Date	28	12	05	03	03	22	12	04	28	05	13	26	10/05
	6 6 - Hour	Date	28	12	06	16	03	22	12	04	28	05	27	26	10/05
		1 60 - Minute				200	246	549	379	501	134	1167			1167
	10 10 - Minute	Date				16	03	22	12	04	18	05			10/05
		Date				62	63	119	119	158	50	216			216
	2 2 - Day	Date				16	03	22	12	04	16	05			10/05
		Date	457	1270	771	611	909	1253	1434	1191	682	2891	157	240	2891
3 3 - Day	Date	28 - 29	12 - 13	05 - 06	06 - 07	02 - 03	21 - 22	12 - 13	04 - 05	28 - 29	04 - 05	13 - 14	21 - 22	10/04 - 10/05	
	Date	144			163	356	1536	1797	1379	867	996		241	1797	
		17 - 19			26 - 28	08 - 10	20 - 22	10 - 13	03 - 07	26 - 30	26 - 01		21 - 23	07/10 - 07/13	
(0.1mm)	Evapor.	Small													
		Total Highest Date													
	Large	Total Highest Date													
(0.1%)	Wind	Mean Speed	16	18	17	18	15	16	16	17	18	21	16	17	17
		Highest Speed	57	89	78	98	71	76	71	59	72	126	78	81	126
		Highest Dir.	NNE	S	ENE	SSW	SW	S	SSW	SW	SSW	NNE	SW	SW	NNE
		Date	29	12	08	16	03	20	12	31	17	05	18	22	10/05
		Highest Gust Speed	115	142	143	183	136	158	125	119	137	223	138	152	223
		Highest Gust Dir.	WNW	W	ENE	W	WNW	SE	SSW	WNW	ENE	NNW	SSW	SW	NNW
		Date	19	13	08	17	03	20	12	30	19	05	18	22	10/05
		Resultant Speed	8	8	3	3	2	1	3	5	10	13	5	7	3
	Resultant Dir.	NW	W	WSW	NE	ENE	NE	SW	NE	NE	NE	N	WNW	N	
(0.1)	Cloud Amount	Mean													
		Mean Low Mid.													
Sunshine	Total(0.1hr)	1152	1738	2055	1806	1891	1109	1767	2827	1260	979	1551	1625	19760	
	Perc.(0.1%)	363	545	553	462	439	258	404	683	339	278	494	523	443	
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall Date													
		Total													
(0.1)	Grass Min. Temp.	Mean	12	12	46	99	130	184	245	253	207	165	91	43	124
		Lowest	-32	-32	-44	61	68	145	213	197	148	110	20	-23	-44
		Date	23	26	01	15	17	17	02	31	24	30	24	28	03/01
(0.1)	Mean Soil Temp.	Surface	62	80	126	181	225	253	304	338	251	210	144	95	189
		0.05m Underground													
		0.1m "													
		0.2m "													
		0.3m "													
		0.5m "													
		1.0m "													
		1.5m "													
3.0m "															
	5.0m "														
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	49	34	45	36	24	20	23	40	46	120	35	32	120	
		NE	39	24	73	54	45	54	36	41	60	113	39	32	113	
		ENE	37	21	57	55	42	44	31	48	51	49	36	26	57	
		E	6	12	14	13	15	16	15	17	15	6	21	13	21	
		ESE	11	20	13	13	12	7		12	17	15	16	19	20	
		SE	7	14	15	14	10	8		18	18	10	16	15	18	
		SSE	22	26	29	23	24	23	22	31	16	15	22	17	31	
		S	32	75	63	67	51	31	48	28	50	40	33	43	75	
		SSW	28	60	56	85	34	35	51	38	48	33	31	56	85	
		SW	26	54	51	83	55	45	49	56	31	43	78	63	83	
		WSW	44	61	31	59	53	43	36	32	25	35	43	57	61	
		W	45	47	32	65	62	42	31	41	13	54	38	57	65	
		WNW	34	34	29	15	12	10	14	42	14	60	26	54	60	
		NW	32	40	13	13	8	10	27	25	12	14	15	35	40	
	NNW	27	30	15	26	14	8	13	31	13	17	15	36	36		
	(0.1%)	N	29	24	54	20	22	20	24	36	97	27	32	97		
	Hourly Occurrence Percentage	CALM	47	45	54	81	114	90	56	36	85	50	53	30	62	
		NNE	111	98	105	78	51	56	52	155	135	148	160	117	105	
		NE	68	47	58	204	184	207	168	196	300	337	125	54	163	
		ENE	23	37	34	90	93	86	93	74	110	95	54	28	68	
		E	1	4	7	8	9	7	5	9	11	3	8	5	7	
		ESE	3	7	9	6	4	4		3	7	4	13	8	6	
		SE	3	10	8	10	4	3		11	11	7	6	11	7	
		SSE	7	22	28	42	35	40	46	58	11	9	15	16	27	
		S	40	111	106	86	113	69	55	90	68	38	60	59	74	
		SSW	32	43	58	56	82	68	86	47	43	36	49	64	55	
		SW	27	59	138	71	101	126	202	62	44	55	57	44	82	
WSW		66	102	77	68	48	131	109	34	22	51	38	54	66		
W		153	108	55	31	39	54	39	47	14	24	67	134	64		
WNW	125	80	24	8	12	11	12	11	8	16	17	94	35			
NW	66	53	30	13	8	10	15	15	10	12	40	43	26			
NNW	71	56	44	21	15	7	12	32	33	19	65	66	37			
(0.1%)	N	157	118	165	129	87	31	50	121	88	95	175	173	116		
Number of Days With Classified	Daily Max. Temp.	0.0	1												1	
		0.1 ~ 10.0	15	13	4										5	
		10.1 ~ 20.0	15	16	27	21	5					3	20	26	133	
		20.1 ~ 30.0				9	26	30	23	7	30	28	10			163
		30.1							8	24						32
	Daily Mean Temp.	-5.0	1													1
		-4.9 ~ 0.0	27	24	13								1	14	79	
		0.1 ~ 10.0	3	5	18	30	22	4				16	29	17	144	
		10.1 ~ 20.0					9	26	31	31	30	15				142
		20.1														
	Daily Min. Temp.	-15.0	2													2
		-14.9 ~ -5.0	3	1	1											5
		-4.9 ~ 0.0	26	26	21								10	24	107	
		0.1 ~ 10.0		2	9	30	31	30	31	31	30	31	20	7	252	
		10.1	10	8	8	14	14	12	14	10	16	13	9	7	135	
	Daily Precip.	0.1mm	3	2	5	6	6	8	3	4	7	8		3	55	
		10.0mm		2	1	4	1	2	3	1	1	1		1	17	
		30.0mm		1				1	1	1	1	1			5	
		80.0mm													3	
		100.0mm														
	60 - Minute Max. Precip.	1.0mm				12	13	10	12	7	13	12			79	
6.0mm					5	5	7	3	5	4	5			34		
10.0mm					2	2	4	3	3	3	2			19		
20.0mm					1	1	1	2	1	1	1			7		
30.0mm							1	2	1	1	1			5		
10 - Minute Max. Precip.	0.1mm				14	14	12	14	10	16	13			93		
	1.0mm				7	10	8	10	6	9	10			60		
	5.0mm				1	2	4	2	3	1	1			14		
	10.0mm						1	2	2		1			6		
Daily Max. New Snowfall	0.1cm															
	5.0cm															
	10.0cm															
	30.0cm															
Daily Max. Snow Depth	0.1cm															
	5.0cm															
	10.0cm															
	20.0cm															
	30.0cm															
Daily Min. Rel. Humid.	20%			1	1	3					1	1		7		
	21 ~ 30%		3	2	5	2	1					2	2	17		
	31 ~ 40%	4	10	7	3	2	1				1		4	33		
	41 ~ 50%	16	8	11	3	5			1	1	3	8	9	65		
	51 ~ 70%	10	6	5	10	10	5	2	20	17	13	16	12	126		
Daily Max. Wind speed	71%	1	2	5	8	9	23	29	9	12	13	3	4	118		
	0.5 ~ 3.3%	12	6	14	11	16	12	17	14	11	12	8	12	145		
	3.4 ~ 7.9%	19	22	17	17	15	18	14	17	19	17	22	18	215		
	8.0 ~ 13.8%		1		2								1	6		
	13.9%															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow														
	Sleet														
	Snow Pellet														
	Hail														
	Fog														
	Frost														
	Freezing														
	Haze														
	Yellow Sand														
	Thunder Storm														
Sunshine (0%)	6	3	3	6	4	9	6	2	6	6	1	3	55		
< 20%	10	6	8	8	12	17	12	2	14	16	11	6	122		
80%	1	4	9	7	7	3	6	11	5	1	11	5	70		
Cloud Amount															
2.4															
2.5 ~ 5.4															
5.5 ~ 7.4															
7.5															
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10236	10235	10213	10142	10109	10097	10097	10081	10078	10130	10213	10222	
		2nd	10203	10204	10195	10147	10154	10062	10055	10050	10124	10190	10185	10232	
		3rd	10255	10281	10205	10112	10101	10081	10099	10034	10149	10172	10225	10237	
	Mean Temp. (0.1)	1st	87	64	112	154	176	206	246	280	246	227	145	115	
		2nd	54	87	104	159	187	224	249	289	236	204	172	108	
		3rd	47	70	115	162	202	221	277	265	230	184	122	92	
	Mean Max.Temp. (0.1)	1st	121	100	143	188	204	234	268	306	274	256	180	150	
		2nd	86	118	139	198	227	247	274	319	263	230	208	140	
		3rd	74	108	154	196	231	249	300	298	256	213	151	129	
	Mean Min.Temp. (0.1)	1st	59	29	79	126	153	183	228	256	221	201	113	79	
		2nd	28	56	71	128	147	202	230	261	213	183	140	76	
		3rd	18	40	79	133	177	201	260	239	208	163	95	63	
	Mean D.P.Temp. (0.1)	1st	21	-20	65	113	137	164	236	250	215	196	88	47	
		2nd	-18	35	42	110	114	207	234	238	200	160	128	52	
		3rd	-3	-8	37	104	160	208	256	209	200	147	67	39	
	Mean Vapor Press (0.1hPa)	1st	73	54	107	136	161	192	292	317	259	238	116	87	
		2nd	55	89	89	135	141	245	289	297	237	184	153	95	
		3rd	64	62	84	133	183	248	330	252	238	171	104	89	
	Mean Rel. Humid. (%)	1st	64	56	74	78	81	80	95	84	84	85	70	64	
		2nd	61	71	67	75	66	91	92	75	81	77	77	69	
3rd		71	59	60	74	79	93	89	72	84	80	71	71		
Mean Wind Speed (0.1m/s)	1st	13	17	17	14	15	18	17	14	11	23	18	16		
	2nd	18	21	16	22	15	14	16	14	24	18	17	15		
	3rd	17	18	19	19	15	16	15	22	20	22	15	21		
Total Precip. (0.1mm)	1st	56	6	1093	1068	1659	208	160	1379	487	3285	110	0		
	2nd	144	1351	288	788	34	460	1794	3	589	129	217	126		
	3rd	549	77	0	466	473	2144	78	327	867	922	119	589		
Total Evaporation (0.1mm)	1st														
	2nd														
	3rd														
Total Sunshine (0.1hr)	1st	387	699	475	525	444	391	407	857	440	474	697	682		
	2nd	488	422	689	697	904	409	429	1021	333	260	501	473		
	3rd	277	617	891	584	543	309	931	949	487	245	353	470		
Mean Cloud Amount (0.1)	1st														
	2nd														
	3rd														
First and Last of Seasonal Phenomena	Genesis	Max. Temp. 30							24			05		74(33)	
		Max. Temp. 25					17					25		162(102)	
		Mean Temp. 25								05		03		91(51)	
		Min. Temp. 25								22	26			36(34)	
	Continue	Max. Temp. 30								05 - 26				22	
		Max. Temp. 25								12		01		52	
		Mean Temp. 25								19	26			39	
		Min. Temp. 25								05 - 26				22	
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0								24 - 24					1(1)
		Mean Temp. < 0								24 - 24					1(1)
		Min. Temp. < 0								18		01			44(7)
Frost															
Continue	Freezing														
	Snow														
	Snow Cover														
	Max. Temp. < 0								24 - 24					1	
Mean Temp. < 0								24 - 24					1		
Min. Temp. < 0								23 - 25					3		
Frost															
Freezing															
Snow															
Snow Cover															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10202	10203	10176	10104	10088	10049	10052	10025	10099	10152	10188	10203	10128
		Mean Sea Level	10241	10241	10213	10141	10123	10084	10087	10060	10134	10188	10225	10241	10165
		Highest	10342	10364	10302	10250	10255	10147	10159	10118	10220	10304	10340	10341	10364
		Date	01	25	01	20	14	06	06	26	21	30	29	30	02/25
		Lowest	10090	10016	10092	9927	9938	9950	9992	9913	10006	9941	10121	10066	9913
	Date	18	14	18	17	03	24	14	30	01	05	19	22	08/30	
(0.1)	Air Temp.	Mean	- 2	27	79	139	182	219	256	267	215	160	83	32	138
		Mean Max.	63	94	144	204	253	269	304	330	260	213	150	101	199
		Mean Min.	- 55	- 36	18	82	113	178	221	219	178	116	26	- 27	86
		Highest	150	153	216	263	311	308	352	375	305	284	209	185	375
		Date	04	13	30	25	30	19	31	11	01	04	05	22	08/11
		Lowest	- 128	- 93	- 77	41	47	109	188	148	111	37	- 36	- 88	- 128
	Date	25	03	01	01	17	02	17	30	21	31	29	30	01/25	
(0.1hPa)	Vapor Press.	Mean	34	39	63	98	124	188	248	235	199	139	74	48	124
		Highest	91	158	147	183	212	272	306	304	281	263	159	178	306
		Date	04	13	06	16	24	24	25	12	05	03	19	22	07/25
		Lowest	7	11	14	38	30	74	166	88	107	37	18	9	7
	Date	23	24	10	24	04	02	15	31	20	30	24	16	01/23	
(0.1) Mean D.P.Temp.		- 89	- 79	- 10	61	95	162	208	197	172	112	13	- 47	66	
Rel. Humid. (%)	Mean	57	51	59	65	63	73	77	69	79	76	66	61	66	
	Lowest	7	10	11	12	9	20	36	22	32	16	12	9	7	
	Date	12	10	10	01	04	02	14	31	24	09	15	16	01/12	
(0.1mm)	Precip.	00~24h Total	354	764	1210	2997	1539	1138	1610	748	4075	1701	370	840	17346
		09~09h Total	354	764	1210	2997	1539	1138	1610	609	4078	1698	370	840	17207
	Highest	1 Daily	194	628	431	775	806	736	538	318	1745	822	250	457	1745
		Date	28	12	05	16	03	24	03	28	17	05	18	21	09/17
	6 6 - Hour	148	362	325	721	660	650	424	194	791	589	199	442	791	
		Date	29	12	06	16	03	24	03	28	17	05	19	22	09/17
	1 60 - Minute	252	208	352	284	133	310	231	05	17	05				352
		Date	16	03	24	25	17	17	05						06/24
	10 10 - Minute	54	55	149	166	70	102	52							166
		Date	16	03	24	25	02	17	05						07/25
2 2 - Day	335	727	792	814	314	138	677	320	1790	841	256	567	1790		
	Date	28 - 29	12 - 13	04 - 05	16 - 17	10 - 11	21 - 22	02 - 03	27 - 28	17 - 18	04 - 05	18 - 19	21 - 22	09/17 - 09/18	
3 3 - Day	805	491				262	1207	359	1817	524				1817	
	Date		04 - 06	26 - 28			18 - 22	01 - 06	26 - 29	16 - 18	28 - 02			09/16 - 09/18	
(0.1mm)	Evapor.	Total													
		Highest													
(0.1mm)	Small	Total													
		Highest													
(0.1mm)	Large	Total													
		Highest													
(0.1%)	Wind	Mean Speed	11	14	12	12	13	12	11	12	9	8	9	9	11
		Highest Speed	74	73	59	84	87	61	52	73	44	79	48	84	87
		Highest Dir.	NNW	WSW	WSW	WSW	WSW	WSW	E	WSW	N	N	N	WSW	WSW
		Date	19	16	29	17	03	25	14	31	20	05	24	22	05/03
		Highest Gust Speed	137	145	117	150	158	109	114	134	105	157	96	139	158
		Highest Gust Dir.	NNE	WSW	SW	WSW	SW	W	SE	WSW	N	NNW	N	WSW	SW
		Date	19	28	29	17	03	25	02	31	19	05	24	22	05/03
		Resultant Speed	6	6	0	1	3	3	5	0	4	5	5	4	1
	Resultant Dir.	N	NW	NNW	SW	SW	SSW	S	WNW	NNE	NNE	NNE	N	NNW	
(0.1)	Cloud Amount	Mean													
		Mean Low Mid.													
Sunshine	Total(0.1hr)	1909	2168	2110	1949	2520	1643	1940	2628	1099	1218	1779	1861	22824	
	Perc.(0.1%)	610	685	568	496	580	378	439	630	296	348	574	610	512	
(0.01MJ/m) Total Horizontal Radiation		21118	25574	31474	33506	43554	34018	36054	40734	22222	20438	19459	18397	346548	
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
		Total													
(0.1)	Grass Min. Temp.	Mean	- 91	- 71	- 11	64	93	164	213	210	167	97	1	- 55	65
		Lowest	- 147	- 133	- 109	5	33	89	177	138	93	18	- 75	- 113	- 147
		Date	25	03	01	01	17	02	17	30	21	30	29	16	01/25
(0.1)	Mean Soil Temp.	Surface	11	41	102	165	217	260	296	320	235	178	93	34	163
		0.05m													
		0.1m													
		0.2m													
		0.3m													
		0.5m													
		1.0m													
		1.5m													
3.0m															
		5.0m													
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed (0.1%)	NNE	35	39	42	25	25	26	26	32	41	40	35	41	42
		NE	26	36	32	27	25	31	20	29	36	29	27	20	36
		ENE	32	27	35	27	30	28	24	30	22	27	32	25	35
		E	26	20	26	40	37	27	30	31	27	38	29	23	40
		ESE	28	34	39	31	43	32	31	35	37	26	33	31	43
		SE	27	19	35	39	45	30	30	25	29	26	24	29	45
		SSE	27	22	40	41	34	28	29	35	22	10	16	11	41
		S	14	33	31	35	43	33	32	28	26	14	22	14	43
		SSW	20	24	35	38	42	39	33	30	30	12	18	20	42
		SW	32	36	28	38	27	37	26	31	15	13	23	31	38
		WSW	46	53	55	81	79	50	44	59	21	20	30	78	81
		W	47	46	34	50	73	38	46	57	29	21	30	29	73
		WNW	38	32	30	37	23	25	36	21	21	16	14	27	38
		NW	47	39	19	27	34	27	18	37	22	14	22	56	56
	NNW	65	48	38	30	33	24	21	41	40	74	32	54	74	
	N	48	44	47	29	35	23	26	37	39	63	40	44	63	
	Hourly Occurrence Percentage (0.1%)	CALM	372	274	296	296	266	195	224	259	360	427	406	424	317
		NNE	87	47	43	40	24	29	26	50	79	98	90	62	56
		NE	62	39	54	44	34	53	23	54	65	94	83	58	55
		ENE	40	40	43	44	50	56	19	63	47	67	69	54	49
		E	44	26	30	42	32	35	39	50	43	35	42	32	37
		ESE	27	23	28	49	56	54	59	56	25	34	21	31	39
		SE	26	10	46	56	44	43	102	50	22	26	28	17	39
		SSE	12	14	46	39	56	64	97	51	15	7	10	9	35
		S	8	23	59	42	63	93	120	46	18	3	19	17	43
		SSW	19	19	46	51	83	84	79	38	28	8	14	13	40
		SW	26	34	22	22	24	43	48	31	13	4	18	27	26
WSW		30	72	38	44	62	66	39	51	17	13	22	39	41	
W		38	70	44	46	51	54	48	55	32	26	22	24	42	
WNW	21	63	54	51	56	33	35	35	43	26	21	30	39		
NW	26	75	62	47	36	31	13	20	40	32	18	42	37		
NNW	70	83	38	19	31	26	17	36	57	26	43	54	42		
N	94	86	54	67	30	39	11	55	96	75	74	67	62		
Number of Days With Classified	Daily Max. Temp.	0.0	3												3
		0.1 ~ 10.0	25	18	5								2	15	65
		10.1 ~ 20.0	3	11	24	11	1	1			1	12	27	16	107
		20.1 ~ 30.0			2	19	28	26	10	6	28	19	1		139
	Daily Mean Temp.	30.1					2	3	21	25	1				52
		-5.0	2												2
		-4.9 ~ 0.0	15	8	1									7	31
		0.1 ~ 10.0	14	20	22							2	20	23	101
	Daily Min. Temp.	10.1 ~ 20.0		1	8	30	26	3		1	9	26	10	1	115
		20.1					5	27	31	30	21	3			117
		-15.0	17	11	3									9	40
		-14.9 ~ -5.0	13	14	8								8	13	56
	Daily Precip.	-4.9 ~ 0.0	1	4	20	20	10						20	9	95
		0.1 ~ 10.0													
		10.1													
		0.1mm	4	4	7	12	8	11	10	12	15	10	6	5	104
	60 - Minute Max. Precip.	10.0mm	2	1	3	7	3	3	4	4	7	4	1	4	43
		30.0mm		1	2	5	2	1	2	1	4	2	1	1	21
		80.0mm					1				1	1			3
		100.0mm									1				1
10 - Minute Max. Precip.	1.0mm				11	7	7	8	7	14	7			61	
	6.0mm				5	2	1	5	3	6	3			25	
	10.0mm				1	2	1	3	2	5	1			15	
	20.0mm				1	1	1	1		2	1			7	
Daily Max. New Snowfall	30.0mm							1		1				2	
	0.1mm														
	1.0mm														
	5.0mm														
Daily Max. Snow Depth	10.0mm														
	10.0cm														
	20.0cm														
	30.0cm														
Daily Min. Rel. Humid.	0.1cm														
	5.0cm														
	10.0cm														
	20.0cm														
Daily Max. Wind speed	30.0cm														
	20%	7	17	13	12	9	1				1	6	10	76	
	21 ~ 30%	14	5	9	6	9	5		3		4	9	6	70	
	31 ~ 40%	4	4	2	2	6	4	2	12	6	2	4	6	54	
Daily Max. Wind speed	41 ~ 50%	4	1	4	3	2	5	10	11	6	6	5	4	61	
	51 ~ 70%	1		1	4	5	13	14	5	10	16	4	3	76	
	71%		2	2	3		2	5		8	2	2	2	29	
	0.5 ~ 3.3%	16	8	8	13	18	16	21	15	24	24	19	21	203	
Daily Max. Wind speed	3.4 ~ 7.9%	15	21	23	16	12	14	10	16	6	7	11	9	160	
	8.0 ~ 13.8%				1	1							1	3	
	13.9%														

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow														
	Sleet														
	Snow Pellet														
	Hail														
	Fog														
	Frost														
	Freezing														
	Haze														
	Yellow Sand														
	Thunder Storm														
Sunshine (0%)	3	2	5	4	2	5	1	0	5	3	0	1	31		
< 20%	6	3	6	10	5	12	8	2	17	13	7	5	94		
80%	11	16	9	6	12	3	3	14	4	3	12	14	107		
Cloud Amount 2.4															
2.5 ~ 5.4															
5.5 ~ 7.4															
7.5															
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10242	10241	10226	10150	10108	10109	10098	10091	10086	10157	10230	10228	
		2nd	10209	10205	10207	10153	10160	10063	10059	10052	10148	10209	10201	10249	
		3rd	10269	10281	10206	10119	10104	10081	10102	10037	10169	10198	10245	10246	
	Mean Temp. (0.1)	1st	14	3	71	131	169	204	249	274	232	189	90	39	
		2nd	- 5	45	69	136	173	230	246	284	210	158	108	27	
		3rd	- 14	32	94	150	202	224	273	244	202	136	53	32	
	Mean Max.Temp. (0.1)	1st	94	79	130	200	226	259	289	338	278	243	160	121	
		2nd	59	111	136	195	256	279	294	353	252	220	177	95	
		3rd	38	90	165	216	275	268	326	301	250	179	111	90	
	Mean Min.Temp. (0.1)	1st	- 42	- 69	16	73	108	157	220	231	198	145	25	- 24	
		2nd	- 56	- 11	9	77	96	187	211	239	175	108	48	- 37	
		3rd	- 67	- 27	27	97	133	189	231	191	161	97	5	- 21	
	Mean D.P.Temp. (0.1)	1st	- 54	- 116	- 6	62	79	138	212	215	190	140	15	- 42	
		2nd	- 104	- 37	- 25	47	87	175	197	217	164	116	54	- 55	
		3rd	- 108	- 87	0	74	118	173	216	163	161	83	- 31	- 43	
	Mean Vapor Press (0.1hPa)	1st	42	26	69	97	113	161	252	257	222	168	73	48	
		2nd	31	55	57	90	115	202	230	260	190	138	96	46	
		3rd	31	35	63	106	141	200	260	191	186	113	54	51	
	Mean Rel. Humid. (%)	1st	65	47	64	69	61	70	81	73	79	77	64	61	
		2nd	52	60	57	60	63	74	76	70	77	79	74	60	
3rd		54	45	57	67	64	76	73	65	80	72	60	62		
Mean Wind Speed (0.1m/s)	1st	6	12	12	10	18	12	12	11	9	10	10	8		
	2nd	13	14	11	16	12	13	10	10	11	5	6	8		
	3rd	13	15	13	12	10	12	12	16	7	9	10	12		
Total Precip. (0.1mm)	1st	0		906	952	1158	121	1207	127	1605	1135	0			
	2nd	14	727	276	1222	90	125	119	249	1918	417	307	110		
	3rd	340	37	28	823	291	892	284	372	552	149	63	730		
Total Evaporation (0.1mm)	1st														
	2nd														
	3rd														
Total Sunshine (0.1hr)	1st	699	929	570	622	609	595	400	874	381	431	719	651		
	2nd	657	586	663	707	987	583	558	922	383	477	570	583		
	3rd	553	653	877	620	924	465	982	832	335	310	490	627		
Mean Cloud Amount (0.1)	1st														
	2nd														
	3rd														
First and Last of Seasonal Phenomena	Genesis	Max. Temp. 30					18				01			107(53)	
		Max. Temp. 25			14						06		176(124)		
		Mean Temp. 25							05		01		59(44)		
		Min. Temp. 25							27	15			20(4)		
	Continue	Max. Temp. 30								23	25			34	
		Max. Temp. 25								17	27			42	
		Mean Temp. 25								23	25			34	
		Min. Temp. 25								27 - 29				3	
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0								19 - 24					6(3)
Mean Temp. < 0								17		01				76(29)	
Min. Temp. < 0						27				28				123(90)	
Frost															
Continue	Freezing														
	Snow														
	Snow Cover														
	Max. Temp. < 0								23 - 24					2	
	Mean Temp. < 0								19 - 27					9	
	Min. Temp. < 0								25	28				35	

Element		1	2	3	4	5	6	7	8	9	10	11	12			
(0.1hPa)	Air Press.	Mean Station	10198	10185	10160	10081	10061	10024	10023	10007	10080	10140	10176	10193	10111	
		Mean Sea Level	10259	10245	10219	10137	10116	10078	10077	10060	10135	10196	10235	10253	10168	
		Highest	10345	10353	10302	10249	10242	10141	10159	10128	10234	10323	10350	10352	10353	
		Date	22	24	01	19	14	06	07	27	21	30	29	30	02/24	
		Lowest	10120	9994	10103	9867	9890	9973	9985	9871	9964	10056	10115	10048	9867	
		Date	18	13	18	17	03	24	16	31	01	03	05	22	04/17	
(0.1)	Air Temp.	Mean	-38	-4	56	119	175	211	244	263	214	146	63	8	121	
		Mean Max.	9	46	109	181	232	259	282	308	267	201	109	55	172	
		Mean Min.	-87	-60	0	65	122	169	213	223	169	94	15	-38	74	
		Highest	105	141	196	278	299	292	322	339	295	274	185	118	339	
		Date	02	13	31	26	21	05	22	22	02	04	13	21	08/22	
		Lowest	-174	-122	-91	11	75	132	178	132	99	-15	-77	-110	-174	
		Date	24	07	01	05	05	03	03	27	21	31	24	28	01/24	
(0.1hPa)	Vapor Press.	Mean	28	34	52	80	119	178	239	245	181	115	64	44	115	
		Highest	92	139	124	145	177	246	319	326	249	249	156	104	326	
		Date	02	13	05	21	31	12	31	06	06	02	05	22	08/06	
		Lowest	8	10	14	28	45	70	178	101	87	28	14	14	8	
		Date	24	01	10	04	21	05	12	27	21	29	23	27	01/24	
(0.1) Mean D.P.Temp.			-122	-96	-33	31	91	154	202	203	156	81	-13	-58	50	
Rel. Humid. (%)	Mean	Mean	55	53	57	60	62	72	79	71	72	68	61	63	64	
		Lowest	16	16	12	11	11	22	44	34	27	19	14	18	11	
		Date	31	26	31	25	21	05	09	29	20	30	20	06	05/21	
(0.1mm)	Precip.	00-24h Total	2	391	523	931	1918	194	3264	267	289	2498	114	618	11009	
		09-09h Total														
		Highest	1 Daily	2	220	515	381	525	75	785	140	190	980	45	255	980
			Date	26	13	05	16	15	11	01	25	27	03	14	21	10/03
		6	6 - Hour	2	213	435	375	390	55	575	140	145	1055	45	250	1055
			Date	26	13	05	17	15	15	05	25	27	03	14	22	10/03
		1	60 - Minute			95	130	45	280	115	60	555				555
			Date			16	05	15	01	25	02	03				10/03
		10	10 - Minute			30	40	20	130	45	45	170				170
			Date			16	03	15	01	25	02	03				10/03
2	2 - Day		350	586	670	90	1144	190	192	1860		22	480	1860		
	Date		12 - 13		16 - 17	02 - 03	11 - 12	04 - 05	25 - 26	27 - 28	02 - 03	26 - 27	21 - 22	10/02 - 10/03		
3	3 - Day		370	591			36	1146			523		128	1146		
	Date		11 - 13		16 - 18		22 - 24	04 - 07			23 - 25		07 - 09	07/04 - 07/07		
(0.1mm)	Evapor.	Small	Total													
			Highest													
	Large	Total														
		Highest														
(0.1%)	Wind	Mean Speed	18	22	24	25	25	21	20	19	16	17	18	18	20	
		Highest Speed	78	79	82	86	96	82	71	67	73	78	71	70	96	
		Highest Dir.	SW	WNW	SW	SW	SW	SSW	SSW	NE	SW	SW	N	NE	SW	
		Date	19	14	29	18	03	15	05	28	01	02	21	21	05/03	
		Highest Gust Speed	149	129	149	151	172	163	147	132	131	144	132	116	172	
		Highest Gust Dir.	WSW	WSW	SW	SW	WSW	SSW	SW	W	SW	WSW	NNE	SW	WSW	
		Date	18	16	29	17	03	15	05	31	01	02	21	01	05/03	
		Resultant Speed	6	12	12	10	15	14	10	8	3	5	5	5	8	
		Resultant Dir.	W	W	W	W	WSW	WSW	WSW	W	NNE	N	NW	NW	W	
Cloud Amount (0.1)		Mean														
		Mean Low Mid.														
Sunshine		Total(0.1hr)	1765	1846	2374	2054	2438	1997	1525	2258	1824	1760	1495	1574	22910	
		Perc.(0.1%)	576	589	639	519	553	451	340	536	490	506	490	527	513	
(0.01MJ/m) Total Horizontal Radiation																
Snow (0.1cm)	Highest	Snow Depth														
		Date														
		Snowfall														
		Total														
Grass Min. Temp. (0.1)	Mean	Mean	-153	-128	-60	7	76	139	196	198	143	58	-27	-84	30	
		Lowest	-230	-214	-145	-81	14	89	146	96	64	-57	-125	-158	-230	
		Date	20	07	01	05	05	03	03	27	21	31	24	16	01/20	
(0.1)	Mean Soil Temp.	Surface	-22	3	78	149	212	266	280	317	250	156	61	4	146	
		0.05m														
		0.1m														
		0.2m														
		0.3m														
		0.5m														
		1.0m														
		1.5m														
3.0m																
5.0m																
(0.01hr) Dur. of Precip.																
(0.01hr) Dur. of Fog																

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	42	41	31	43	34	44	45	40	44	42	33	33	45	
		NE	48	32	50	55	40	41	45	55	47	51	43	58	58	
		ENE	34	33	32	53	30	34	47	56	42	45	40	38	56	
		E	27	32	23	29	27	34	36	38	40	34	39	28	40	
		ESE	22	18	26	28	21	27	27	30	33	34	25	24	34	
		SE	28	25	36	36	25	26	24	18	28	30	31	28	36	
		SSE	17	32	42	34	41	33	23	20	20	23	32	23	42	
		S	24	26	30	33	47	38	38	21	29	36	35	21	47	
		SSW	40	64	61	54	45	72	51	43	59	37	57	41	72	
		SW	60	70	76	81	89	51	63	57	72	77	63	53	89	
		WSW	69	71	64	80	90	52	47	52	41	61	43	52	90	
		W	42	56	44	56	47	45	42	56	32	47	39	50	56	
		WNW	37	66	41	53	61	41	36	39	38	46	50	42	66	
		NW	35	37	46	34	37	28	29	27	23	44	37	39	46	
	NNW	45	42	56	34	31	30	23	45	19	36	49	62	62		
	(0.1%)	N	40	61	43	43	49	40	25	41	30	48	63	62	63	
	Hourly Occurrence Percentage	CALM	90	78	58	67	69	107	105	136	160	122	97	78	97	
		NNE	59	57	48	69	43	28	35	60	71	73	72	77	58	
		NE	68	50	39	81	54	26	52	63	135	90	79	89	69	
		ENE	63	46	42	58	31	26	52	55	78	86	63	66	56	
		E	35	19	30	32	40	25	24	34	47	69	46	51	38	
		ESE	28	16	17	29	13	14	26	26	50	39	31	43	28	
		SE	17	14	19	17	15	18	16	13	29	19	28	24	19	
		SSE	16	13	27	15	28	18	13	12	7	20	21	20	18	
		S	15	16	23	18	28	24	17	9	14	16	22	11	18	
		SSW	32	33	38	28	27	26	39	30	19	20	29	30	29	
		SW	114	145	103	92	122	117	160	97	68	60	69	64	101	
		WSW	126	147	211	254	254	299	211	164	69	60	69	72	161	
W		56	118	81	92	108	97	124	129	50	48	58	72	86		
WNW		68	79	60	36	42	57	26	69	29	39	47	48	50		
NW	55	45	51	24	30	22	16	22	17	60	74	59	39			
NNW	87	52	60	40	36	32	34	32	50	83	83	83	56			
(0.1%)	N	68	73	93	49	60	64	48	50	107	94	111	113	78		
Number of Days With Classified	Daily Max. Temp.	0.0	12	4										2	18	
		0.1 ~ 10.0	18	23	12							1	15	24	93	
		10.1 ~ 20.0	1	2	19	23	5						13	15	5	83
		20.1 ~ 30.0				7	26	30	21	7	30	17				138
	Daily Mean Temp.	30.1							10	24					34	
		-5.0	11	3											1	
		-4.9 ~ 0.0	15	13	4								2	13	47	
		0.1 ~ 10.0	5	13	23	5						3	20	17	86	
	Daily Min. Temp.	10.1 ~ 20.0			4	25	27	6		1	9	26	8		106	
		20.1					4	24	31	30	21	2			112	
		-15.0	4												4	
		-14.9 ~ -5.0	22	19	2								3	15	61	
	Daily Precip.	-4.9 ~ 0.0	3	8	14							1	11	9	46	
		0.1 ~ 10.0	2	2	15	28	7				1	16	13	7	91	
		10.1				2	24	30	31	31	29	14	3		164	
		0.1mm	1	6	3	11	10	7	16	6	7	10	10	7	94	
	60 - Minute Max. Precip.	10.0mm		2	1	3	6		7	1	1	3		3	27	
		30.0mm			1	1	3		4			3			12	
		80.0mm										2			2	
		100.0mm														
	10 - Minute Max. Precip.	1.0mm				6	7	2	11	3	3	8			40	
		6.0mm				2	4		7	1	1	3			18	
		10.0mm					3		6	1		2			12	
		20.0mm							2			2			4	
Daily Max. New Snowfall	30.0mm										1			1		
	0.1mm				11	10	7	16	6	7	10			67		
	1.0mm				6	6	2	10	2	3	5			34		
	5.0mm							5			2			7		
Daily Max. Snow Depth	10.0mm							1			2			3		
	0.1cm															
	5.0cm															
	10.0cm															
Daily Min. Rel. Humid.	30.0cm															
	20%	3	9	7	7	5					1	2	1	35		
	21 ~ 30%	16	10	10	11	9	2				2	5	9	83		
	31 ~ 40%	5	3	7	2	5	4				3	6	5	4		
Daily Max. Wind speed	41 ~ 50%	3	4	2	5	6	9	8	9	13	11	7	7	48		
	51 ~ 70%	4	2	4	3	4	14	16	18	10	7	7	9	98		
	71%		1	1	2	2	1	7		2	1		1	18		
	0.5 ~ 3.3%	5	3		1	1	2	6	5	8	6	8	10	55		
Daily Max. Wind speed	3.4 ~ 7.9%	26	26	30	27	28	27	25	26	22	25	22	21	305		
	8.0 ~ 13.8%			1	2	2	1							6		
	13.9%															

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Number of Days With Phenomena	Snow															
	Sleet															
	Snow Pellet															
	Hail															
	Fog															
	Frost															
	Freezing															
	Haze															
	Yellow Sand															
	Thunder Storm															
Sunshine (0%)	1	2	1	4	2	1	6	1	2	4	2	3	29			
< 20%	5	7	4	7	9	7	12	6	4	9	8	6	84			
80%	11	11	14	7	14	4	2	6	4	10	9	12	104			
Cloud Amount	2.4															
2.5 ~ 5.4																
5.5 ~ 7.4																
7.5																
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10253	10250	10233	10152	10092	10106	10087	10089	10081	10165	10234	10240		
		2nd	10230	10201	10214	10140	10154	10057	10053	10054	10153	10214	10206	10258		
		3rd	10291	10290	10210	10120	10104	10072	10090	10038	10171	10207	10265	10260		
	Mean Temp. (0.1)	1st	- 1	- 27	46	106	161	203	228	277	229	172	78	23		
		2nd	- 56	19	52	114	173	206	240	278	220	150	94	9		
		3rd	- 56	- 6	68	137	190	225	263	237	192	119	18	- 6		
	Mean Max.Temp. (0.1)	1st	40	32	90	169	215	258	270	323	278	230	122	73		
		2nd	- 4	65	109	178	238	250	280	321	276	213	142	58		
		3rd	- 8	40	126	197	241	269	294	282	247	166	64	36		
	Mean Min.Temp. (0.1)	1st	- 48	- 92	0	51	109	155	193	237	183	120	31	- 30		
		2nd	- 102	- 31	- 6	62	111	171	206	238	177	94	42	- 36		
		3rd	- 108	- 55	7	82	143	182	238	195	148	70	- 28	- 47		
	Mean D.P.Temp. (0.1)	1st	- 77	- 130	- 50	19	81	126	188	226	183	102	6	- 50		
		2nd	- 134	- 57	- 31	39	74	166	192	226	153	92	25	- 61		
		3rd	- 152	- 102	- 20	37	114	170	224	162	134	51	- 70	- 64		
	Mean Vapor Press (0.1hPa)	1st	39	24	50	74	111	148	218	274	210	133	74	46		
		2nd	24	47	51	83	105	189	224	275	176	119	79	44		
		3rd	21	30	55	83	138	196	271	191	156	95	40	42		
	Mean Rel. Humid. (%)	1st	60	47	54	60	63	64	80	75	77	66	63	61		
		2nd	57	61	58	63	57	79	76	75	68	71	65	62		
3rd		49	51	58	56	65	73	80	65	71	65	55	66			
Mean Wind Speed (0.1m/s)	1st	15	21	23	23	31	21	20	17	16	20	21	19			
	2nd	19	25	21	27	24	22	19	17	20	13	16	15			
	3rd	19	22	27	25	21	20	22	23	13	18	17	19			
Total Precip. (0.1mm)	1st			515	70	1065		1933	1	72	1930	27	128			
	2nd	0	377	7	641	530	158	595	3	25	25	59	6			
	3rd	2	14	1	220	323	36	736	263	192	543	28	484			
Total Evaporation (0.1mm)	1st															
	2nd															
	3rd															
Total Sunshine (0.1hr)	1st	550	794	558	636	577	894	601	951	513	650	485	581			
	2nd	556	437	780	763	1102	558	538	611	765	752	569	531			
	3rd	659	615	1036	655	759	545	386	696	546	358	441	462			
Mean Cloud Amount (0.1)	1st															
	2nd															
	3rd															
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 30							08	24				48(34)		
		Max. Temp. < 25				26						05		163(116)		
		Mean Temp. < 25							08	24				48(40)		
		Min. Temp. < 25								14 - 20				7(2)		
	Continue	Max. Temp. < 30							30	24				26		
		Max. Temp. < 25							18	27				41		
		Mean Temp. < 25							20	24				36		
		Min. Temp. < 25								20 - 20				1		
	'15.7 - '16.6 Low Temp. Phenomena		'15	7	8	9	10	11	12	'16	1	2	3	4	5	6
	Genesis	Max. Temp. < 0								17	29				75(20)	
Mean Temp. < 0											11			107(61)		
Min. Temp. < 0					31						27			149(103)		
Frost																
Continue	Freezing															
	Snow															
	Snow Cover															
	Max. Temp. < 0								19 - 25					7		
Mean Temp. < 0								05 - 28					24			
Min. Temp. < 0								04	11				39			
Frost																
Freezing																
Snow																
Snow Cover																

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Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10194	10183	10157	10078	10060	10021	10025	10005	10081	10139	10176	10192	10109
		Mean Sea Level	10256	10244	10217	10135	10116	10076	10080	10059	10137	10196	10235	10253	10167
		Highest	10350	10364	10308	10245	10253	10145	10159	10132	10239	10328	10356	10363	10364
		Date	01	25	01	19	14	06	07	27	21	30	29	30	02/25
		Lowest	10101	9994	10087	9865	9902	9964	9990	9868	9969	10066	10119	10047	9865
		Date	18	13	18	17	03	24	01	31	01	03	05	22	04/17
(0.1)	Air Temp.	Mean	-36	-2	65	142	189	235	254	270	218	149	62	6	129
		Mean Max.	17	57	133	216	262	293	299	325	273	208	118	58	188
		Mean Min.	-88	-56	0	77	123	183	219	227	178	107	12	-40	79
		Highest	88	145	218	296	320	318	343	361	315	284	186	144	361
		Date	02	13	31	26	19	26	09	08	05	03	05	20	08/08
		Lowest	-178	-136	-102	28	74	133	190	132	107	-10	-73	-121	-178
		Date	25	02	01	05	05	02	06	27	21	30	25	16	01/25
(0.1hPa)	Vapor Press.	Mean	30	37	52	86	123	182	250	247	189	126	65	45	119
		Highest	82	150	131	161	205	250	324	322	263	240	152	122	324
		Date	03	13	05	14	15	30	30	14	05	03	14	22	07/30
		Lowest	7	10	14	28	36	77	159	112	76	23	15	13	7
		Date	24	01	10	23	01	02	11	26	20	30	23	16	01/24
(0.1) Mean D.P.Temp.			-112	-83	-32	42	95	157	210	206	163	96	-7	-51	57
Rel. Humid. (%)	Mean	60	60	55	57	61	65	79	71	74	74	65	69	66	
	Lowest	13	10	13	10	8	22	29	31	25	13	17	17	8	
	Date	31	10	31	01	19	02	11	27	20	30	23	01	05/19	
(0.1mm)	Precip.	00-24h Total	4	250	245	717	1244	375	3850	815	420	729	140	570	9359
		09-09h Total													
	Highest	1 Daily	4	170	245	295	370	210	1250	285	155	355	45	300	1250
		Date	13	12	05	16	03	15	01	26	17	25	07	21	07/01
	6	6 - Hour	4	80	200	315	215	140	980	285	135	310	47	325	980
		Date	13	12	05	17	03	15	01	26	02	25	08	22	07/01
	1	60 - Minute				85	75	85	270	175	120	90			270
		Date				16	15	15	01	02	02	25			07/01
	10	10 - Minute				25	30	55	105	55	50	25			105
		Date				18	15	15	05	02	02	03			07/05
2	2 - Day		225		430	500	135	1315	305	150	155	60	490	1315	
	Date		12 - 13		16 - 17	02 - 03	23 - 24	04 - 05	25 - 26	02 - 03	02 - 03	10 - 11	21 - 22	07/04 - 07/05	
3	3 - Day		227		490	573	155	1350	340				491	1350	
	Date		12 - 14		16 - 18	02 - 06	22 - 24	04 - 06	31 - 02				21 - 23	07/04 - 07/06	
(0.1mm)	Evapor.	Total													
		Highest													
(0.1mm)	Small	Total													
		Highest													
(0.1mm)	Large	Total													
		Highest													
(0.1%)	Wind	Mean Speed	15	16	15	17	17	15	14	14	12	12	14	14	15
		Highest Speed	84	72	67	87	104	45	56	65	48	49	57	76	104
		Highest Dir.	WNW	SW	W	W	WNW	WNW	SE	N	ENE	NNW	NW	NW	WNW
		Date	18	08	29	17	04	25	16	31	19	09	22	01	05/04
		Highest Gust Speed	147	127	111	178	195	86	94	144	96	99	108	121	195
		Highest Gust Dir.	WNW	SW	WNW	WNW	WSW	NW	N	ENE	N	NW	NW	NW	WSW
		Date	18	08	05	17	04	25	31	31	19	09	22	01	05/04
		Resultant Speed	10	9	7	6	5	3	3	4	2	2	5	8	4
		Date													
		Resultant Dir.	WNW	W	W	WSW	W	WNW	SSE	W	SSE	W	NW	NW	W
(0.1)	Cloud Amount	Mean													
		Mean Low Mid.													
Sunshine	Total(0.1hr)	1730	1755	2182	2066	2554	2019	1189	2042	1500	1487	1517	1376	21417	
	Perc.(0.1%)	563	559	588	522	580	457	265	485	403	427	497	461	480	
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
		Date													
		Total													
(0.1)	Grass Min. Temp.	Mean	-131	-99	-40	35	91	160	214	218	161	75	-33	-82	47
		Lowest	-222	-192	-124	-31	24	94	180	118	78	-59	-115	-151	-222
		Date	25	02	01	05	05	02	04	27	21	30	25	30	01/25
(0.1)	Mean Soil Temp.	Surface	-21	6	81	166	229	291	289	317	248	169	70	13	155
		0.05m													
		0.1m													
		0.2m													
		0.3m													
		0.5m													
		1.0m													
		1.5m													
3.0m															
		5.0m													
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

202 (Yangpyeong)

2016

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	13	24	11	14	19	10	13	27	13	23	24	17	27
		NE	10	13	16	25	17	13	20	36	32	28	14	13	36
		ENE	26	25	34	30	23	19	24	29	40	33	17	13	40
		E	28	31	32	32	26	38	40	41	43	39	38	17	43
		ESE	29	42	36	52	40	34	37	30	36	42	38	14	52
		SE	17	35	39	47	49	40	42	36	41	32	32	28	49
		SSE	17	31	29	45	33	34	39	30	41	31	42	27	45
		S	23	31	27	34	32	30	32	23	37	33	34	37	37
		SSW	25	24	31	42	29	33	39	29	29	32	29	32	42
		SW	16	61	40	49	77	22	22	26	38	29	33	33	77
		WSW	25	46	37	73	75	28	41	23	22	20	15	34	75
		W	78	57	43	68	75	30	35	44	20	27	25	41	78
		WNW	70	59	53	65	77	38	32	39	28	40	42	62	77
		NW	51	48	40	39	27	30	32	31	18	42	49	62	62
	NNW	30	32	35	28	41	25	18	42	18	44	43	61	61	
	(0.1%)	N	13	11	14	18	72	39	37	62	36	38	30	41	72
	Hourly Occurrence Percentage	CALM	271	204	187	119	82	68	90	73	189	233	168	212	158
		NNE	12	13	4	4	15	14	11	22	13	27	32	23	16
		NE	12	9	12	14	13	7	17	13	28	19	15	8	14
		ENE	8	11	11	22	5	17	23	8	39	19	25	8	16
		E	11	19	15	17	24	35	50	31	44	30	28	39	28
		ESE	24	36	39	49	38	82	89	36	51	42	29	22	45
		SE	34	27	58	78	71	57	90	51	64	65	46	27	56
		SSE	21	27	71	65	62	63	59	34	67	59	79	35	54
		S	58	70	62	106	99	81	106	108	99	54	71	52	80
		SSW	30	40	55	78	75	53	87	94	69	63	81	66	66
		SW	39	65	47	71	55	43	46	78	51	50	42	70	55
WSW		31	57	43	63	52	60	52	46	44	51	38	35	48	
W		115	105	87	96	81	63	35	75	33	59	33	43	69	
WNW		191	174	156	110	98	88	56	103	31	60	68	82	101	
NW	102	92	91	67	27	46	35	44	19	58	140	149	73		
NNW	31	37	44	28	35	44	42	62	24	65	78	78	47		
(0.1%)	N	11	13	17	15	167	182	112	122	135	48	28	51	75	
Number of Days With Classified	Daily Max. Temp.	0.0	8	3										1	12
		0.1 ~ 10.0	23	23	8							1	10	24	89
		10.1 ~ 20.0		3	21	9	3					10	20	6	72
		20.1 ~ 30.0			2	21	23	17	14	6	28	20			6
	Daily Mean Temp.	30.1					5	13	17	25	2				62
		-5.0	9	3											13
		-4.9 ~ 0.0	16	14	1								3	14	48
		0.1 ~ 10.0	6	11	23							3	19	16	78
	Daily Min. Temp.	10.1 ~ 20.0		1	7	29	20	1		3	8	26	8		103
		20.1				1	11	29	31	28	22	2			124
		-15.0	3												3
		-14.9 ~ -5.0	21	16	3								4	15	59
	Daily Precip.	-4.9 ~ 0.0	7	11	11							1	9	12	51
		0.1 ~ 10.0		2	17	23	6					11	15	4	78
		10.1				7	25	30	31	31	30	19	2		175
		0.1mm	1	8	1	6	10	5	12	6	5	9	10	11	84
	60 - Minute Max. Precip.	10.0mm		1	1	3	5	2	7	4	2	2		2	29
		30.0mm							1					1	7
		80.0mm													1
		100.0mm													1
	10 - Minute Max. Precip.	1.0mm				5	8	5	11	5	5	7			46
		6.0mm				1	2	1	7	3	1	1			16
		10.0mm							6	3	1				10
		20.0mm							2						2
Daily Max. New Snowfall	30.0mm													1	
	0.1mm				6	10	5	12	6	5	9			53	
	1.0mm				4	5	5	9	4	3	4			34	
	5.0mm						1	5	2	1				9	
Daily Max. Snow Depth	10.0mm							1						1	
	0.1cm														
	5.0cm														
	10.0cm														
Daily Min. Rel. Humid.	30.0cm														
	20%	4	10	12	12	11					1	5	3	58	
	21 ~ 30%	13	9	9	8	11	8	1		1	4	6	6	76	
	31 ~ 40%	6	3	4	6	3	13	5	11	5	7	6	5	74	
Daily Max. Wind speed	41 ~ 50%	2	4	4	1	3	4	4	15	13	10	4	4	68	
	51 ~ 70%	5	2	1	3	1	5	16	5	9	8	7	11	73	
	71%	1	1	1		2		5		2	1	2	2	17	
	0.5 ~ 3.3%	14	4	7	5	8	11	14	21	21	16	15	16	152	
Daily Max. Wind speed	3.4 ~ 7.9%	16	25	24	24	21	19	17	10	9	15	15	15	210	
	8.0 ~ 13.8%	1			1	2								4	
	13.9%														

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow														
	Sleet														
	Snow Pellet														
	Hail														
	Fog														
	Frost														
	Freezing														
	Haze														
	Yellow Sand														
	Thunder Storm														
Sunshine (0%)	1	4	1	3	3	0	5	2	2	4	1	4	30		
< 20%	9	8	5	6	5	6	16	6	5	10	9	13	98		
80%	11	11	9	4	9	2	0	6	3	5	9	10	79		
Cloud Amount	2.4														
2.5 ~ 5.4															
5.5 ~ 7.4															
7.5															
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10252	10249	10232	10148	10093	10104	10089	10089	10083	10164	10236	10240	
		2nd	10225	10203	10211	10140	10152	10055	10055	10053	10154	10215	10207	10260	
		3rd	10287	10285	10207	10118	10103	10070	10093	10038	10173	10207	10262	10258	
	Mean Temp. (0.1)	1st	-4	-29	48	133	171	225	241	284	235	177	80	13	
		2nd	-47	19	61	133	189	238	248	290	223	150	90	5	
		3rd	-56	3	85	161	207	242	273	239	197	123	16	0	
	Mean Max.Temp. (0.1)	1st	46	44	102	210	236	288	287	342	291	235	132	69	
		2nd	6	77	130	201	272	292	294	348	277	223	153	61	
		3rd	3	51	164	237	277	300	314	289	252	170	69	46	
	Mean Min.Temp. (0.1)	1st	-49	-93	-2	62	109	163	205	239	193	135	31	-37	
		2nd	-99	-32	-5	75	115	194	210	247	182	104	34	-42	
		3rd	-112	-41	8	95	143	192	241	198	157	83	-29	-41	
	Mean D.P.Temp. (0.1)	1st	-75	-123	-36	33	79	127	202	226	187	123	8	-54	
		2nd	-120	-39	-31	48	83	172	199	225	156	105	30	-51	
		3rd	-139	-87	-29	44	121	173	228	170	146	64	-60	-49	
	Mean Vapor Press (0.1hPa)	1st	39	25	54	82	111	150	238	274	217	149	71	44	
		2nd	28	53	52	89	112	197	233	274	182	129	81	45	
		3rd	24	34	51	88	143	199	278	200	169	102	43	47	
	Mean Rel. Humid. (%)	1st	64	53	59	58	61	58	81	73	77	73	63	65	
		2nd	61	70	57	61	57	69	77	70	69	78	70	69	
3rd		56	55	50	53	63	68	78	68	75	70	62	72		
Mean Wind Speed (0.1m/s)	1st	12	15	18	15	22	15	14	12	12	15	17	15		
	2nd	17	15	12	21	16	15	15	13	13	8	12	10		
	3rd	14	18	15	16	14	14	13	17	10	13	14	16		
Total Precip. (0.1mm)	1st		3	245	0	703		2640	185	200	334	84	31		
	2nd	4	231		517	246	220	790	0	155	20	41	41		
	3rd		16		200	295	155	420	630	65	375	15	498		
Total Evaporation (0.1mm)	1st														
	2nd														
	3rd														
Total Sunshine (0.1hr)	1st	501	828	526	685	622	866	339	859	455	576	493	502		
	2nd	597	387	680	719	1078	582	419	663	593	590	578	447		
	3rd	632	540	976	662	854	571	431	520	452	321	446	427		
Mean Cloud Amount (0.1)	1st														
	2nd														
	3rd														
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 0					18				05			111(63)	
		Max. Temp. < 25				01						15		198(138)	
		Mean Temp. < 25						10			05			88(50)	
		Min. Temp. < 25							24	21				29(9)	
	Continue	Max. Temp. < 30							30	25				27	
		Max. Temp. < 25							18	27				41	
		Mean Temp. < 25							30	25				27	
		Min. Temp. < 25							14 - 16					3	
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0						18		29					74(12)
Mean Temp. < 0						26				01				97(55)	
Min. Temp. < 0				30						28				151(104)	
Frost															
Continue	Freezing														
	Snow														
	Snow Cover														
	Max. Temp. < 0							19 - 26						8	
Mean Temp. < 0							11 - 28						18		
Min. Temp. < 0							03	11					40		
Frost															
Freezing															
Snow															
Snow Cover															

203 (Icheon)

2016

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10155	10146	10121	10043	10025	9987	9991	9971	10046	10102	10138	10154	10073
		Mean Sea Level	10256	10245	10217	10136	10116	10076	10079	10059	10136	10196	10235	10253	10167
		Highest	10351	10363	10306	10247	10251	10144	10159	10130	10237	10327	10355	10362	10363
		Date	01	25	01	19	14	06	07	27	21	30	29	30	02/25
		Lowest	10102	9999	10091	9870	9905	9961	9994	9872	9968	10067	10120	10049	9870
		18	13	18	17	03	24	01	31	01	03	05	22	04/17	
(0.1)	Air Temp.	Mean	-35	-3	63	138	187	232	255	268	215	144	59	3	127
		Mean Max.	20	57	134	215	263	295	301	326	275	209	122	62	190
		Mean Min.	-87	-61	-7	72	116	176	217	219	169	96	1	-47	72
		Highest	102	142	224	298	324	323	345	363	318	291	190	143	363
		Date	02	13	31	26	19	23	11	06	05	04	14	20	08/06
		Lowest	-185	-142	-109	13	71	130	190	121	95	-26	-77	-114	-185
		25	02	01	01	17	02	19	27	21	30	25	16	01/25	
(0.1hPa)	Vapor Press.	Mean	27	34	47	81	114	170	239	235	182	122	63	42	113
		Highest	78	135	142	152	195	240	313	315	260	253	148	137	315
		Date	03	13	05	17	15	23	30	14	05	03	14	22	08/14
		Lowest	6	11	14	27	41	88	175	119	87	31	14	11	6
		23	21	11	23	01	02	10	27	20	30	24	06	01/23	
(0.1) Mean D.P.Temp.		-121	-93	-46	31	83	147	203	198	157	92	-12	-63	48	
Rel. Humid. (%)	Mean	55	55	50	54	57	62	75	68	72	74	64	65	63	
	Lowest	14	15	12	10	11	23	34	31	23	19	13	14	10	
	Date	10	10	17	01	20	02	11	27	15	30	23	06	04/01	
(0.1mm)	Precip.	00-24h Total	36	522	582	867	979	189	2840	599	411	908	178	591	8702
		09-09h Total													
	Highest	1 Daily	12	162	563	286	266	155	832	260	346	431	39	341	832
		Date	13	13	05	16	03	24	04	26	17	25	10	21	07/04
	6	6 - Hour	16	146	518	317	172	120	501	258	189	376	38	315	518
		Date	15	13	05	17	24	24	16	26	17	25	10	22	03/05
	1	60 - Minute				82	80	40	230	86	50	107			230
		Date				16	15	24	04	26	17	03			07/04
	10	10 - Minute				18	39	14	98	25	20	79			98
		Date				17	15	24	05	26	02	03			07/05
2	2 - Day	17	312	582	437	367	160	1150	262	42	177	71	523	1150	
	Date	13 - 14	12 - 13	04 - 05	16 - 17	02 - 03	23 - 24	04 - 05	25 - 26	02 - 03	02 - 03	10 - 11	21 - 22	07/04 - 07/05	
3	3 - Day	28	317		477		167	1165		237			528	1165	
	Date	13 - 15	11 - 14		16 - 18		22 - 24	04 - 06		31 - 03			21 - 23	07/04 - 07/06	
(0.1mm)	Evapor.	Small	Total												
			Highest												
	Large	Total													
		Highest													
(0.1%)	Wind	Mean Speed	13	17	16	18	16	15	12	11	10	10	11	12	13
		Highest Speed	75	66	62	66	67	50	54	52	51	43	48	57	75
		Highest Dir.	WNW	WSW	SW	WSW	SW	SSW	S	WSW	SSW	WSW	WNW	SW	WNW
		Date	18	08	29	17	03	15	01	31	01	08	11	22	01/18
		Highest Gust Speed	134	114	92	88	88	69	68	74	67	84	77	86	134
		Highest Gust Dir.	W	WSW	SW	SW	WSW	W	SW	WNW	NE	WNW	W	W	W
		Date	18	08	12	17	03	24	17	31	19	08	22	22	01/18
		Resultant Speed	8	11	8	7	7	7	3	2	3	2	4	6	4
		Resultant Dir.	WNW	W	W	WSW	WSW	WSW	SSW	NNW	ENE	NNE	WNW	WNW	W
(0.1)	Cloud Amount	Mean													
		Mean Low Mid.													
Sunshine	Total(0.1hr)	1825	1893	2246	2216	2784	2309	1472	2316	1528	1451	1580	1493	23113	
	Perc.(0.1%)	593	603	605	561	633	524	329	551	410	417	517	499	518	
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
		Total													
(0.1)	Grass Min. Temp.	Mean	-99	-73	-24	46	101	165	218	218	157	80	-20	-69	58
		Lowest	-182	-151	-76	-12	49	104	195	111	67	-41	-95	-133	-182
		Date	25	03	01	01	05	02	16	27	21	30	24	30	01/25
(0.1)	Mean Soil Temp.	Surface	-15	8	79	156	208	278	282	310	250	163	74	15	151
		0.05m													
		0.1m													
		0.2m													
		0.3m													
		0.5m													
		1.0m													
		1.5m													
3.0m															
		5.0m													
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	23	14	29	33	20	34	15	36	26	28	13	14	36	
		NE	29	15	28	29	37	26	22	31	33	33	17	18	37	
		ENE	16	16	21	33	36	29	25	34	37	27	24	19	37	
		E	13	17	19	30	25	32	27	33	36	29	36	18	36	
		ESE	18	17	26	22	39	23	27	24	34	33	34	19	39	
		SE	13	16	31	38	36	33	25	29	38	35	30	14	38	
		SSE	19	31	31	39	32	24	41	25	26	26	23	25	41	
		S	24	34	33	47	36	44	33	21	24	32	25	9	47	
		SSW	25	26	38	40	51	45	48	28	50	22	31	17	51	
		SW	43	50	51	54	63	38	39	30	35	34	32	48	63	
		WSW	40	53	49	59	60	41	29	52	18	41	38	50	60	
		W	55	49	46	55	53	42	29	30	17	36	36	49	55	
		WNW	53	56	44	41	35	24	16	32	22	33	38	56	56	
		NW	46	44	34	34	31	22	13	32	8	19	39	39	46	
	NNW	49	51	33	20	34	27	23	33	24	26	31	40	51		
	(0.1%)	N	35	22	22	19	19	20	17	22	15	14	13	14	35	
	Hourly Occurrence Percentage	CALM	238	162	130	101	152	107	176	165	243	226	201	215	177	
		NNE	42	20	27	51	43	36	39	81	99	70	35	23	47	
		NE	59	46	69	96	70	58	73	138	144	127	67	83	86	
		ENE	54	53	59	76	65	53	77	122	114	116	79	90	80	
		E	24	32	30	44	54	40	43	50	78	67	50	36	46	
		ESE	13	14	17	29	16	21	34	22	39	28	33	16	24	
		SE	8	10	26	26	19	14	39	17	22	35	19	13	21	
		SSE	9	14	22	32	19	24	40	11	7	9	18	15	18	
		S	11	9	27	40	31	54	47	16	11	16	18	8	24	
		SSW	9	24	38	33	46	61	60	17	32	9	21	19	31	
		SW	34	80	83	81	93	114	94	47	47	42	51	42	67	
		WSW	113	195	192	211	185	201	138	120	43	58	86	113	138	
W		140	187	130	117	121	117	78	79	33	82	135	134	112		
WNW		107	76	63	29	35	40	28	26	26	50	97	94	56		
NW	85	42	47	15	22	22	7	23	8	26	44	58	33			
NNW	39	26	24	11	13	15	11	27	25	15	26	28	22			
(0.1%)	N	16	9	16	6	17	22	16	39	28	24	18	13	19		
Number of Days With Classified	Daily Max. Temp.	0.0	8	2									1	11		
		0.1 ~ 10.0	22	24	8							1	9	25	89	
		10.1 ~ 20.0	1	3	21	9	3						13	20	6	76
		20.1 ~ 30.0			2	21	23	18	13	6	28	17				128
	Daily Mean Temp.	30.1					5	12	18	25	2				62	
		-5.0	10	3											13	
		-4.9 ~ 0.0	15	14	2								4	17	52	
		0.1 ~ 10.0	6	12	23							3	18	14	76	
	Daily Min. Temp.	10.1 ~ 20.0			6	30	20	1		5	11	26	8		107	
		20.1					11	29	31	26	19	2			118	
		-15.0	3												3	
		-14.9 ~ -5.0	20	19	2								5	16	62	
	Daily Precip.	-4.9 ~ 0.0	8	8	15							1	11	11	54	
		0.1 ~ 10.0		2	14	28	8				1	15	14	4	86	
		10.1				2	23	30	31	31	29	15	14		161	
		0.1mm	5	11	2	9	8	5	14	5	6	10	11	12	98	
	60 - Minute Max. Precip.	10.0mm		2	1	4	5	1	7	3	1	2		2	28	
		30.0mm			1				4		1	1		1	8	
		80.0mm							1						1	
		100.0mm														
10 - Minute Max. Precip.	1.0mm				7	6	2	10	4	3	6			38		
	6.0mm				2	3		6	2		2			15		
	10.0mm							5			1			6		
	20.0mm							2						2		
Daily Max. New Snowfall	30.0mm							4								
	0.1mm				9	8	5	14	5	6	10			57		
	1.0mm				5	4	1	8	4	2	4			28		
	5.0mm							4			1			5		
Daily Max. Snow Depth	10.0mm															
	0.1cm															
	5.0cm															
	10.0cm															
Daily Min. Rel. Humid.	20.0cm															
	0.1cm	8	13	16	9	11					1	4	5	67		
	5.0cm	10	5	6	14	9	9				3	4	10	5	75	
	10.0cm	6	3	4	2	6	12	3	15	7	8	3	5	74		
Daily Max. Wind speed	20.0cm	2	5	3	3	3	6	11	10	12	8	7	5	75		
	30.0cm	5	2	2	2	2	3	12	6	7	8	4	9	62		
	71%		1					5		1	2	2	2	13		
	0.5 ~ 3.3%	13	7	7	4	8	10	18	23	24	23	20	21	178		
Daily Max. Wind speed	3.4 ~ 7.9%	18	22	24	26	23	20	13	8	6	8	10	10	188		
	8.0 ~ 13.8%															
	13.9%															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow														
	Sleet														
	Snow Pellet														
	Hail														
	Fog														
	Frost														
	Freezing														
	Haze														
	Yellow Sand														
	Thunder Storm														
Sunshine (0%)	1	4	1	2	3	1	3	1	2	5	1	4	28		
< 20%	4	6	4	4	4	2	11	3	6	10	8	11	73		
80%	10	13	9	9	14	3	1	6	3	6	10	11	95		
Cloud Amount	2.4														
2.5 ~ 5.4															
5.5 ~ 7.4															
7.5															
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10252	10249	10233	10148	10094	10104	10089	10088	10083	10164	10236	10240	
		2nd	10226	10203	10212	10141	10153	10055	10055	10052	10153	10215	10207	10260	
		3rd	10287	10287	10207	10118	10104	10070	10092	10037	10172	10207	10262	10259	
	Mean Temp. (0.1)	1st	-2	-26	46	131	169	221	242	284	234	173	76	10	
		2nd	-48	16	59	128	187	235	246	288	217	146	88	4	
		3rd	-54	-1	83	155	203	240	273	236	193	116	14	-3	
	Mean Max.Temp. (0.1)	1st	50	48	103	213	239	287	288	342	292	239	138	75	
		2nd	8	73	130	200	274	297	295	349	281	226	157	65	
		3rd	4	48	166	233	275	303	318	290	253	166	70	47	
	Mean Min.Temp. (0.1)	1st	-48	-96	-9	60	104	158	205	235	190	127	18	-47	
		2nd	-100	-39	-12	68	108	184	206	239	171	91	24	-45	
		3rd	-110	-46	0	89	134	187	237	188	147	72	-37	-49	
	Mean D.P.Temp. (0.1)	1st	-88	-129	-47	17	68	120	195	217	182	119	3	-65	
		2nd	-128	-53	-46	38	74	160	192	215	152	97	25	-65	
		3rd	-144	-97	-46	39	106	162	219	164	139	63	-63	-58	
	Mean Vapor Press (0.1hPa)	1st	35	24	50	75	103	142	228	260	209	146	69	40	
		2nd	26	47	46	83	105	182	223	257	176	122	78	41	
		3rd	22	31	45	85	130	186	264	191	161	101	41	44	
	Mean Rel. Humid. (%)	1st	57	49	55	52	58	56	77	69	74	73	63	61	
		2nd	57	64	51	58	54	65	74	67	69	76	69	63	
3rd		53	52	45	52	59	65	74	67	73	72	61	69		
Mean Wind Speed (0.1m/s)	1st	12	16	16	18	20	14	12	9	11	12	13	12		
	2nd	14	17	14	20	15	15	13	10	11	7	10	10		
	3rd	14	17	17	16	13	16	11	14	8	11	11	14		
Total Precip. (0.1mm)	1st		8	582	171	535	0	1580	0	59	396	73	33		
	2nd	30	327		533	210	22	908	29	346	25	79	12		
	3rd	6	187	0	163	234	167	352	570	6	487	26	546		
Total Evaporation (0.1mm)	1st														
	2nd														
	3rd														
Total Sunshine (0.1hr)	1st	571	858	535	720	683	866	377	909	533	578	530	558		
	2nd	595	436	714	795	1154	726	464	780	590	590	590	490		
	3rd	659	599	997	701	947	717	631	627	405	283	460	445		
Mean Cloud Amount (0.1)	1st														
	2nd														
	3rd														
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 30					18				13			119(63)	
		Max. Temp. < 25				01						15		198(137)	
		Mean Temp. < 25						21			05			77(47)	
		Min. Temp. < 25							24	15				23(3)	
	Continue	Max. Temp. < 30							30	25				27	
		Max. Temp. < 25							18	25				39	
		Mean Temp. < 25							30	25				27	
		Min. Temp. < 25							24 - 25					2	
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0							17	29					75(12)
Mean Temp. < 0						26				11				107(58)	
Min. Temp. < 0					30					28				151(110)	
Frost															
Continue	Freezing														
	Snow														
	Snow Cover														
	Max. Temp. < 0							19 - 26						8	
	Mean Temp. < 0							11 - 28						18	
	Min. Temp. < 0							24	11					50	
Frost															
Freezing															
Snow															
Snow Cover															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	9993	9985	9968	9897	9880	9848	9856	9837	9912	9961	9986	9997	9927
		Mean Sea Level	10250	10238	10214	10134	10112	10076	10082	10063	10144	10200	10233	10249	10166
		Highest	10349	10360	10307	10240	10276	10158	10161	10146	10256	10332	10364	10361	10364
		Date	01	25	01	20	14	06	07	27	21	30	29	30	11/29
		Lowest	10080	10017	10077	9845	9872	9954	9987	9840	9946	10061	10101	10058	9840
		18	13	18	17	03	24	02	31	01	03	19	22	08/31	
(0.1)	Air Temp.	Mean	- 47	- 17	49	124	171	211	233	244	194	131	50	- 1	112
		Mean Max.	6	40	115	197	247	280	283	308	256	195	105	51	174
		Mean Min.	- 101	- 72	- 15	58	100	156	196	202	156	90	2	- 48	60
		Highest	91	141	210	254	307	315	341	350	299	271	179	127	350
		Date	03	11	31	25	19	28	11	08	05	03	19	20	08/08
		Lowest	- 190	- 153	- 140	4	50	85	162	112	81	- 12	- 80	- 123	- 190
		Date	24	03	01	05	05	02	06	27	21	30	25	16	01/24
(0.1hPa)	Vapor Press.	Mean	27	33	50	73	101	154	213	216	166	110	59	41	104
		Highest	75	126	126	144	177	229	286	293	238	202	129	100	293
		Date	03	13	06	21	15	30	24	14	03	03	14	22	08/14
		Lowest	6	13	17	26	36	63	141	93	76	20	14	13	6
		Date	24	07	10	14	20	01	14	26	20	30	24	16	01/24
(0.1) Mean D.P.Temp.		- 124	- 93	- 35	19	66	131	184	185	143	77	- 17	- 62	40	
Rel. Humid. (%)	Mean	58	60	59	55	57	64	76	72	75	73	65	66	65	
	Lowest	20	19	16	10	8	18	30	31	26	13	16	14	8	
	Date	31	10	17	14	20	02	11	26	21	30	20	01	05/20	
(0.1mm)	Precip.	00-24h Total	3	413	413	932	883	518	5465	960	463	1071	160	576	11857
		09-09h Total	3	165	400	315	195	140	2520	230	185	540	70	305	2520
	Highest	1 Daily	18	13	05	16	24	24	05	25	09	03	07	22	07/05
		Date	18	13	05	16	24	24	05	25	09	03	07	22	07/05
	6	6 - Hour	3	155	320	375	175	100	1420	380	130	530	74	320	1420
		Date	18	14	05	17	16	15	05	26	09	03	08	22	07/05
	1	60 - Minute				115	50	75	350	135	130	195			350
		Date				16	15	08	05	25	09	03			07/05
	10	10 - Minute				25	20	50	120	60	95	90			120
		Date				17	03	08	05	02	09	03			07/05
2	2 - Day		275	401	600	230	160	2970	440	215	735	74	495	2970	
	Date		12 - 13	05 - 06	16 - 17	15 - 16	14 - 15	04 - 05	25 - 26	08 - 09	02 - 03	07 - 08	21 - 22	07/04 - 07/05	
3	3 - Day		305		642	269	80	2985	240	348			497	2985	
	Date		12 - 14		16 - 19	02 - 06	06 - 09	04 - 06	28 - 31	28 - 05			21 - 23	07/04 - 07/06	
(0.1mm)	Evapor.	Total													
		Highest													
	Small	Date													
(0.1mm)	Large	Total													
		Highest													
	Date														
(0.1%)	Wind	Mean Speed	19	18	20	24	20	17	17	17	16	15	15	15	18
		Highest Speed	58	59	60	70	85	58	56	63	57	56	60	58	85
		Highest Dir.	S	S	S	N	S	SSW	NNE	NNE	NNE	S	S	SSE	S
		Date	19	18	29	28	03	30	05	21	09	08	11	01	05/03
		Highest Gust Speed	110	118	118	141	153	107	92	113	108	94	94	111	153
		Highest Gust Dir.	SSE	SSE	SSW	S	S	SSE	NNE	SSE	NNW	SSE	S	SSW	S
		Date	18	18	29	17	03	30	05	31	01	08	05	01	05/03
		Resultant Speed	13	12	7	6	7	3	4	5	8	5	7	7	4
Resultant Dir.	SSE	SSE	SSE	SE	SSE	E	E	NE	NNE	NNE	S	SSE	SE		
(0.1)	Cloud Amount	Mean													
		Mean Low Mid.													
Sunshine	Total(0.1hr)	1840	1615	2118	2268	2478	2344	1447	2098	1620	1550	1305	1230	21913	
	Perc.(0.1%)	602	516	570	572	561	529	321	498	435	446	429	414	491	
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
		Date													
(0.1)	Mean Soil Temp.	Mean	- 139	- 103	- 51	32	89	169	196	202	149	69	- 35	- 81	41
		Lowest	- 218	- 197	- 108	- 35	5	98	163	110	65	- 53	- 116	- 148	- 218
		Date	25	03	11	05	05	02	06	27	21	30	25	16	01/25
		Surface	- 25	- 2	63	146	206	267	263	298	229	159	66	14	140
		0.05m	Underground												
		0.1m	"												
		0.2m	"												
		0.3m	"												
		0.5m	"												
		1.0m	"												
		1.5m	"												
		3.0m	"												
		5.0m	"												
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed (0.1%)	NNE	48	58	52	58	43	52	47	62	52	51	43	41	62
		NE	25	46	50	48	38	45	42	40	38	30	32	44	50
		ENE	28	41	49	36	23	40	34	27	24	29	26	19	49
		E	20	13	16	22	11	27	16	29	13	26	7	8	29
		ESE	19	9	25	20	30	25	21	20	32	14	12	12	32
		SE	32	37	34	30	37	26	31	35	27	22	31	35	37
		SSE	55	54	55	61	73	38	38	56	48	51	53	48	73
		S	54	52	58	63	74	43	42	43	54	46	59	53	74
		SSW	42	39	29	47	52	40	32	29	32	27	43	34	52
		SW	22	24	16	40	34	26	28	22	17	27	28	33	40
		WSW	11	12	18	12	20	29	10	12	7	13	22	14	29
		W	8	21	15	31	30	18	7	12	14	9	11	12	31
		WNW	17	21	20	33	13	25	10	14	11	13	30	27	33
		NW	18	29	17	26	30	28	16	25	36	24	28	21	36
	NNW	29	32	34	49	30	28	25	30	24	30	36	18	49	
	N	44	30	39	66	47	40	45	48	52	51	45	47	66	
	Hourly Occurrence Percentage (0.1%)	CALM	246	273	196	87	108	81	105	77	69	141	240	246	156
		NNE	47	27	66	141	61	99	99	140	150	126	49	63	89
		NE	13	36	75	66	51	90	147	102	101	86	24	42	70
		ENE	5	17	13	25	9	35	38	40	36	38	10	8	23
		E	3	1	5	6	5	15	16	22	14	7	3	3	8
		ESE	9	1	8	4	9	19	12	16	15	11	8	12	11
		SE	26	29	26	25	32	32	38	34	18	16	15	26	26
		SSE	243	234	194	172	205	121	136	109	49	78	168	177	157
		S	217	188	160	168	152	117	136	75	64	86	182	173	143
		SSW	74	56	47	67	70	61	59	31	24	47	69	72	57
		SW	15	24	22	18	23	18	20	15	6	15	21	27	19
WSW		7	4	7	4	11	8	5	1	4	7	7	12	6	
W		5	6	5	11	5	8	4	11	7	15	13	8	8	
WNW	8	7	9	14	12	14	8	16	7	5	14	12	11		
NW	15	27	31	32	44	51	17	32	65	51	44	20	36		
NNW	43	50	78	98	120	146	95	172	210	147	82	55	108		
N	24	17	58	60	81	85	65	108	161	125	51	44	73		
Number of Days With Classified	Daily Max. Temp.	0.0	12	3										3	18
		0.1 ~ 10.0	19	24	12							1	14	27	97
		10.1 ~ 20.0		2	18	15	5		2	3		13	16	1	76
		20.1 ~ 30.0			1	15	24	22	18	3	29	17			
	Daily Mean Temp.	30.1					2	8	11	25					46
		-5.0	14	6	1										22
		-4.9 ~ 0.0	13	15	2								5	14	49
		0.1 ~ 10.0	4	8	25	4						4	19	16	80
	Daily Min. Temp.	10.1 ~ 20.0			3	26	30	7	4	6	14	27	6		123
		20.1					1	23	27	25	16				92
		-15.0	7	2											9
		-14.9 ~ -5.0	18	17	5								5	16	61
	Daily Precip.	-4.9 ~ 0.0	4	8	14							1	12	14	53
		0.1 ~ 10.0	2	2	12	28	18	1			2	17	12	1	95
		10.1													1
		0.1mm	1	9	4	8	13	13	17	11	12	7	9	8	112
	60 - Minute Max. Precip.	10.0mm		2	1	4	4	2	8	3	2	3	2	2	31
		30.0mm			1	1			4			1		1	8
		80.0mm							2						2
		100.0mm							2						2
10 - Minute Max. Precip.	1.0mm				6	9	8	13	10	7	6			59	
	6.0mm				2		2	8	4	1	3			20	
	10.0mm				1			6	3	1	1			12	
	20.0mm							2						2	
Daily Max. New Snowfall	30.0mm							1						1	
	0.1mm				8	13	13	17	11	12	7			81	
	1.0mm				5	7	7	12	7	3	5			46	
	5.0mm						1	3	2	1	1			8	
Daily Max. Snow Depth	10.0mm							1						1	
	0.1cm														
	5.0cm														
	10.0cm														
Daily Min. Rel. Humid.	30.0cm														
	20%	1	2	2	13	14	1				1	4	2	40	
	21 ~ 30%	11	12	13	8	9	12	1		2	4	8	5	85	
	31 ~ 40%	10	8	8	4	3	7	7	11	5	9	4	8	84	
Daily Max. Wind speed	41 ~ 50%	5	2	3	3	7	5	14	15	11	5	8	78		
	51 ~ 70%	4	3	4	2	5	3	14	6	7	4	8	66		
	71%		2	1				4		1	2	1	2	13	
	0.5 ~ 3.3%	3	4	1	2	4	6	13	6	11	15	8	11	84	
Daily Max. Wind speed	3.4 ~ 7.9%	28	25	30	28	26	24	18	25	19	16	22	20	281	
	8.0 ~ 13.8%					1								1	
	13.9%														

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Number of Days With Phenomena	Snow															
	Sleet															
	Snow Pellet															
	Hail															
	Fog															
	Frost															
	Freezing															
	Haze															
	Yellow Sand															
	Thunder Storm															
Sunshine (0%)	1	2	0	1	3	0	4	2	2	4	4	5	28			
< 20%	3	7	5	4	6	2	13	5	4	7	9	9	74			
80%	0	0	0	1	7	3	0	1	0	0	0	0	12			
Cloud Amount	2.4															
2.5 ~ 5.4																
5.5 ~ 7.4																
7.5																
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10243	10244	10231	10147	10086	10106	10093	10093	10087	10169	10233	10234		
		2nd	10220	10198	10210	10133	10151	10054	10059	10055	10163	10219	10205	10261		
		3rd	10283	10277	10204	10124	10102	10070	10093	10043	10181	10211	10260	10254		
	Mean Temp. (0.1)	1st	- 12	- 45	29	114	154	201	219	259	214	156	66	4		
		2nd	- 66	4	46	124	169	215	229	267	196	134	77	- 6		
		3rd	- 61	- 10	69	135	187	218	251	209	172	106	8	- 2		
	Mean Max.Temp. (0.1)	1st	36	29	82	187	218	280	272	334	274	217	112	62		
		2nd	- 8	53	114	195	258	277	279	332	252	213	145	55		
		3rd	- 9	39	146	208	263	284	298	263	244	158	58	38		
	Mean Min.Temp. (0.1)	1st	- 63	- 114	- 24	42	91	132	178	212	180	119	24	- 50		
		2nd	- 120	- 40	- 18	60	88	169	193	227	159	88	18	- 56		
		3rd	- 117	- 61	- 5	72	119	168	216	170	128	65	- 37	- 40		
	Mean D.P.Temp. (0.1)	1st	- 86	- 129	- 42	24	59	99	171	197	169	104	- 3	- 70		
		2nd	- 136	- 53	- 41	9	49	146	176	207	141	82	12	- 64		
		3rd	- 147	- 99	- 24	24	88	148	204	153	117	47	- 61	- 53		
	Mean Vapor Press (0.1hPa)	1st	35	24	49	75	96	125	195	230	194	131	64	38		
		2nd	24	46	48	68	90	168	202	245	164	110	70	41		
		3rd	22	30	52	76	117	170	241	178	140	90	42	44		
	Mean Rel. Humid. (%)	1st	61	56	64	60	59	56	77	71	78	74	64	61		
		2nd	61	69	58	51	52	68	74	72	73	74	67	67		
3rd		53	54	56	53	58	68	77	73	73	69	64	70			
Mean Wind Speed (0.1m/s)	1st	20	14	22	22	21	18	18	16	15	16	19	15			
	2nd	17	21	17	24	22	18	16	15	18	12	13	13			
	3rd	20	18	20	24	18	16	16	20	15	16	13	18			
Total Precip. (0.1mm)	1st		30	401	155	434	82	4315	150	328	845	129	59			
	2nd	3	327		647	233	216	725	90	20		10				
	3rd		56	12	130	216	220	425	720	115	226	21	517			
Total Evaporation (0.1mm)	1st															
	2nd															
	3rd															
Total Sunshine (0.1hr)	1st	611	702	524	765	534	910	475	886	562	570	381	456			
	2nd	597	409	711	749	1038	734	477	690	544	613	543	419			
	3rd	632	504	883	754	906	700	495	522	514	367	381	355			
Mean Cloud Amount (0.1)	1st															
	2nd															
	3rd															
First and Last of Seasonal Phenomena	Genesis	Max. Temp. 30					19			25				99(46)		
		Max. Temp. 25				25					03			162(118)		
		Mean Temp. 25							09	23				46(30)		
		Min. Temp. 25												(0)		
	Continue	Max. Temp. 30							30	25				27		
		Max. Temp. 25							18	25				39		
		Mean Temp. 25								03 - 20				18		
		Min. Temp. 25														
	'15.7 - '16.6 Low Temp. Phenomena		'15	7	8	9	10	11	12	'16	1	2	3	4	5	6
	Genesis	Max. Temp. < 0						27			29				95(16)	
Mean Temp. < 0							26				11			107(67)		
Min. Temp. < 0					29						28			152(114)		
Frost																
Freezing																
Continue	Snow															
	Snow Cover															
	Max. Temp. < 0								19 - 26					8		
	Mean Temp. < 0								05 - 28					24		
	Min. Temp. < 0								04	11				39		
Frost																
Freezing																
Snow																
Snow Cover																

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Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10074	10064	10042	9967	9950	9915	9921	9901	9977	10030	10061	10075	9998
		Mean Sea Level	10256	10243	10216	10134	10114	10075	10080	10060	10139	10197	10235	10252	10167
		Highest	10352	10366	10310	10241	10264	10149	10159	10142	10249	10332	10361	10367	10367
		Date	01	25	01	19	14	06	07	27	21	30	29	30	12/30
		Lowest	10092	9986	10082	9853	9890	9959	9980	9858	9966	10055	10112	10050	9853
		18	13	18	17	03	24	01	31	01	03	19	22	04/17	
(0.1)	Air Temp.	Mean	- 47	- 11	58	138	187	231	253	266	210	143	51	- 5	123
		Mean Max.	16	56	133	218	268	297	304	329	274	209	112	51	189
		Mean Min.	- 101	- 69	- 9	66	112	175	214	218	167	101	- 1	- 50	69
		Highest	98	139	221	296	333	325	348	366	315	291	181	129	366
		Date	03	13	31	26	22	10	11	12	05	03	19	20	08/12
		Lowest	- 193	- 148	- 127	11	65	103	176	113	92	- 15	- 88	- 138	- 193
		24	03	01	01	05	02	06	27	21	30	25	16	01/24	
(0.1hPa)	Vapor Press.	Mean	26	33	46	76	112	173	250	239	188	125	61	44	114
		Highest	71	138	129	169	222	283	350	332	269	281	139	124	350
		Date	03	13	06	17	15	22	25	01	05	03	14	22	07/25
		Lowest	5	10	10	23	41	72	135	93	70	19	13	14	5
		Date	24	01	10	01	20	01	10	26	20	30	24	29	01/24
(0.1) Mean D.P.Temp.		- 133	- 103	- 51	21	78	147	209	200	162	94	- 15	- 56	46	
Rel. Humid. (%)	Mean	56	56	52	53	58	65	80	72	78	77	67	72	66	
	Lowest	11	13	5	8	8	17	25	25	23	12	12	15	5	
	Date	31	26	17	01	20	02	10	26	20	30	23	02	03/17	
(0.1mm)	Precip.	00-24h Total	1	354	397	760	986	545	4294	385	614	696	99	548	9679
		09-09h Total	1	175	380	210	270	235	1085	210	320	255	30	230	1085
	Highest	1 Daily	18	12	05	16	24	22	01	26	12	25	10	22	07/01
		Date	18	12	05	16	24	22	01	26	12	25	10	22	07/01
	6 6 - Hour	1	1	104	315	245	195	235	725	205	315	225	30	305	725
		Date	18	12	05	17	16	22	01	26	12	25	07	22	07/01
	1 60 - Minute	1			75	50	115	315	100	135	95				315
		Date			16	15	22	01	26	12	02				07/01
	10 10 - Minute	1			20	20	45	120	30	90	35				120
		Date			16	03	22	01	26	12	03				07/01
2 2 - Day	2		280	380	290	240	1675	225	325	245	40	460	1675		
	Date		12 - 13	16 - 17	02 - 03	22 - 23	04 - 05	25 - 26	11 - 12	02 - 03	10 - 11	21 - 22	07/04 - 07/05		
3 3 - Day	3		287	420	316	375	1699	112	211				1699		
	Date		12 - 14	16 - 18	02 - 06	22 - 24	04 - 07	28 - 31	28 - 03				07/04 - 07/07		
(0.1mm)	Evapor.	Small	Total												
			Highest												
	Large	Total													
		Highest													
(0.1%)	Wind	Mean Speed	10	12	12	15	15	13	12	13	11	10	9	8	12
		Highest Speed	66	58	60	62	83	46	48	50	60	46	51	56	83
		Highest Dir.	W	WNW	W	W	W	W	W	NW	ENE	W	W	WNW	W
		Date	18	23	29	17	04	25	28	16	19	08	11	01	05/04
		Highest Gust Speed	126	112	121	133	171	91	91	94	131	93	87	105	171
		Highest Gust Dir.	W	WNW	WSW	W	W	SSW	W	W	SSW	W	W	NW	W
		Date	18	23	29	17	04	28	27	31	01	03	11	01	05/04
		Resultant Speed	6	8	4	3	6	4	2	2	4	2	2	4	3
		Resultant Dir.	W	W	W	W	W	WNW	NE	N	NE	NE	WNW	WNW	WNW
Cloud Amount (0.1)		Mean													
		Mean Low Mid.													
Sunshine		Total(0.1hr)	1879	1862	2293	2294	2792	2486	1624	2269	1750	1613	1556	1363	23781
		Perc.(0.1%)	613	595	617	580	633	562	362	539	470	464	510	457	533
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
		Date													
		Total													
Grass Min. Temp. (0.1)	Mean	- 149	- 114	- 55	21	78	150	202	203	148	75	- 29	- 72	38	
	Lowest	- 237	- 196	- 122	- 41	17	68	172	97	62	- 55	- 104	- 143	- 237	
	Date	24	03	11	01	05	02	06	27	21	30	24	30	01/24	
(0.1)	Mean Soil Temp.	Surface	- 36	- 2	70	160	218	275	270	308	228	157	54	5	142
		0.05m													
		Underground													
		0.1m													
		0.2m													
		0.3m													
		0.5m													
		1.0m													
		1.5m													
		3.0m													
5.0m															
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	14	12	21	32	18	24	24	37	32	19	16	11	37	
		NE	34	14	22	28	29	33	35	41	43	40	29	15	43	
		ENE	13	15	38	44	32	30	40	32	55	42	29	25	55	
		E	11	9	27	33	24	22	27	36	22	28	21	21	36	
		ESE	12	14	15	41	28	19	26	44	27	23	16	20	44	
		SE	6	10	15	23	29	12	20	13	31	16	8	8	31	
		SSE	14	9	15	15	17	22	15	13	30	18	13	11	30	
		S	14	27	16	16	27	17	21	19	19	19	20	20	27	
		SSW	22	25	40	43	46	19	19	17	42	26	24	30	46	
		SW	26	30	31	40	45	31	30	27	32	29	22	33	45	
		WSW	43	45	42	55	77	36	30	36	19	34	35	36	77	
		W	51	50	51	61	77	42	44	33	27	35	42	50	77	
		WNW	53	50	43	50	61	35	32	32	27	31	33	49	61	
		NW	37	40	41	38	33	32	26	31	29	29	28	33	41	
	NNW	27	25	26	37	29	25	20	29	25	27	26	17	37		
	(0.1%)	N	15	12	24	15	21	24	19	25	22	15	10	14	25	
	Hourly Occurrence Percentage	CALM	468	371	285	154	117	92	110	63	143	199	389	424	234	
		NNE	4	27	30	33	40	35	38	47	49	36	17	20	31	
		NE	63	49	87	94	79	88	114	114	119	124	68	78	90	
		ENE	35	40	83	118	71	88	168	117	132	94	79	55	90	
		E	19	13	46	82	39	44	93	101	85	78	29	15	54	
		ESE	3	10	11	32	40	40	52	50	63	44	18	8	31	
		SE	3	7	23	26	42	22	20	19	57	34	6	11	22	
		SSE	15	11	13	22	31	42	22	22	31	30	19	16	23	
		S	30	24	52	44	73	67	54	55	57	66	60	54	53	
		SSW	31	46	30	39	42	38	23	27	19	28	29	23	31	
		SW	35	52	46	47	59	46	36	30	13	23	42	32	38	
WSW		91	138	86	111	117	74	44	60	18	52	69	66	77		
W		117	121	109	92	105	129	93	87	44	65	75	94	94		
WNW	56	68	48	35	65	74	56	89	60	50	44	64	59			
NW	15	9	16	25	40	58	38	55	47	39	25	27	33			
NNW	11	7	19	25	17	42	24	40	32	22	17	7	22			
(0.1%)	N	5	7	16	19	23	24	15	24	32	17	14	7	17		
Number of Days With Classified	Daily Max. Temp.	0.0	7	2										3	12	
		0.1 ~ 10.0	24	23	8							1	12	25	93	
		10.1 ~ 20.0		4	20	7	3				1		10	18	3	66
		20.1 ~ 30.0			3	23	21	14	13	5	29	20				128
	Daily Mean Temp.	30.1					7	16	18	25	1				67	
		-5.0	13	5											2	
		-4.9 ~ 0.0	13	13	2								4	16	48	
		0.1 ~ 10.0	5	11	24	1						3	19	13	76	
	Daily Min. Temp.	10.1 ~ 20.0			5	29	21	1		4	12	27	7		106	
		20.1					10	29	31	27	18	1			116	
		-15.0	5												5	
		-14.9 ~ -5.0	21	18	4								5	16	64	
	Daily Precip.	-4.9 ~ 0.0	5	9	14							1	14	13	56	
		0.1 ~ 10.0		2	13	26	10				1	12	11	2	77	
		10.1				4	21	30	31	31	29	18			164	
		0.1mm	1	8	4	8	10	6	17	9	11	9	8	10	101	
	60 - Minute Max. Precip.	10.0mm		2	1	4	4	3	7	1	1	2		2	27	
		30.0mm			1				5		1				7	
		80.0mm							2						2	
		100.0mm							1						1	
10 - Minute Max. Precip.	1.0mm				7	7	4	12	6	7	6			49		
	6.0mm				1		2	7	1	1	2			14		
	10.0mm						1	5	1	1				8		
	20.0mm							2						2		
Daily Max. New Snowfall	30.0mm							1						1		
	0.1mm				8	10	6	17	9	11	9			70		
	1.0mm				5	6	4	10	3	5	4			37		
	5.0mm							4		1				5		
Daily Max. Snow Depth	10.0mm							1						1		
	0.1cm															
	5.0cm															
	10.0cm															
Daily Min. Rel. Humid.	20.0cm															
	0.1cm	10	14	16	18	15	3				2	7	2	87		
	5.0cm	12	5	7	5	10	9	2	6	1	3	8	6	74		
	10.0cm	3	4	5	4	1	11	8	15	11	10	2	7	81		
Daily Max. Wind speed	20.0cm	2	4	1	1	1	5	5	7	12	9	8	8	63		
	30.0cm	4	1	2	2	3	2	12	3	5	4	4	5	47		
	71%		1			1		4		1	3	1	3	14		
	0.5 ~ 3.3%	17	12	11	5	11	8	20	17	23	22	20	21	187		
Daily Max. Wind speed	3.4 ~ 7.9%	14	17	20	25	19	22	11	14	7	9	10	10	178		
	8.0 ~ 13.8%						1							1		
	13.9%															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow														
	Sleet														
	Snow Pellet														
	Hail														
	Fog														
	Frost														
	Freezing														
	Haze														
	Yellow Sand														
	Thunder Storm														
Sunshine (0%)	1	2	1	1	3	0	2	1	0	4	2	3	20		
< 20%	4	6	4	5	4	4	10	5	4	8	7	9	70		
80%	15	13	12	10	12	5	1	3	2	3	9	8	93		
Cloud Amount	2.4														
2.5 ~ 5.4															
5.5 ~ 7.4															
7.5															
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10251	10248	10231	10147	10090	10103	10090	10089	10085	10166	10236	10238	
		2nd	10225	10201	10211	10137	10151	10053	10056	10053	10157	10218	10207	10261	
		3rd	10287	10283	10206	10119	10102	10069	10092	10039	10176	10208	10262	10257	
	Mean Temp. (0.1)	1st	- 15	- 38	38	127	169	221	237	282	229	172	69	3	
		2nd	- 61	11	56	131	187	235	247	287	213	144	79	- 10	
		3rd	- 63	- 4	80	155	203	236	272	232	189	117	5	- 7	
	Mean Max.Temp. (0.1)	1st	46	45	101	208	240	297	288	349	292	234	126	66	
		2nd	1	72	131	210	279	294	299	354	278	227	151	52	
		3rd	3	50	164	236	284	301	323	289	251	170	60	36	
	Mean Min.Temp. (0.1)	1st	- 63	- 108	- 18	52	99	151	200	234	188	132	19	- 50	
		2nd	- 117	- 42	- 10	60	104	189	207	241	169	97	19	- 57	
		3rd	- 121	- 55	1	86	132	184	234	184	146	75	- 41	- 45	
	Mean D.P.Temp. (0.1)	1st	- 93	- 149	- 55	10	66	108	200	218	188	125	1	- 66	
		2nd	- 143	- 54	- 54	24	62	166	196	220	158	100	18	- 54	
		3rd	- 161	- 105	- 45	29	104	168	229	165	141	61	- 64	- 48	
	Mean Vapor Press (0.1hPa)	1st	34	21	48	72	104	133	235	263	218	153	67	40	
		2nd	23	48	44	76	99	192	231	268	184	125	75	44	
		3rd	20	30	45	81	131	193	282	192	163	100	42	47	
	Mean Rel. Humid. (%)	1st	61	46	58	54	60	54	84	72	81	78	65	64	
		2nd	57	68	52	55	53	70	78	72	75	80	71	75	
3rd		50	52	47	50	61	70	80	71	77	72	65	76		
Mean Wind Speed (0.1m/s)	1st	9	10	12	14	18	14	12	13	12	11	11	9		
	2nd	12	13	10	16	15	14	13	12	12	9	7	5		
	3rd	10	14	13	16	12	13	12	15	9	11	7	10		
Total Precip. (0.1mm)	1st		5	380	135	456	0	2989	3	123	420	75	31		
	2nd	1	294	10	435	260	170	735	35	420	6	11	35		
	3rd	0	55	7	190	270	375	570	347	71	270	13	482		
Total Evaporation (0.1mm)	1st														
	2nd														
	3rd														
Total Sunshine (0.1hr)	1st	602	818	603	736	695	989	437	946	584	606	493	542		
	2nd	624	432	691	813	1153	744	553	753	682	635	616	435		
	3rd	653	612	999	745	944	753	634	570	484	372	447	386		
Mean Cloud Amount (0.1)	1st														
	2nd														
	3rd														
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 0					18				05			111(68)	
		Max. Temp. < 25				01						20		203(137)	
		Mean Temp. < 25							13			05		85(48)	
		Min. Temp. < 25								24	15			23(3)	
	Continue	Max. Temp. < 30							30	25				27	
		Max. Temp. < 25							18	27				41	
		Mean Temp. < 25							19	25				38	
		Min. Temp. < 25								14 - 15				2	
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0							18		29			74(11)	
Mean Temp. < 0						26					11		107(59)		
Min. Temp. < 0				29							28		152(112)		
Frost															
Continue	Freezing														
	Snow														
	Snow Cover														
	Max. Temp. < 0							19 - 25					7		
	Mean Temp. < 0							05 - 28					24		
	Min. Temp. < 0							24		11			50		
Frost															
Freezing															
Snow															
Snow Cover															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	9349	9354	9354	9305	9298	9278	9291	9274	9336	9368	9371	9366	9329
		Mean Sea Level	10230	10226	10205	10128	10101	10068	10074	10056	10138	10193	10222	10231	10156
		Highest	10331	10347	10295	10236	10291	10165	10169	10147	10231	10313	10359	10350	10359
		Date	01	25	04	11	14	06	06	27	21	30	29	30	11/29
		Lowest	10046	9964	10073	9819	9852	9927	9960	9830	9939	10056	10088	10022	9819
		18	14	18	17	03	24	13	31	01	25	05	22	04/17	
(0.1)	Air Temp.	Mean	- 53	- 25	35	104	160	193	220	220	168	113	41	- 4	98
		Mean Max.	- 2	30	90	167	233	251	268	278	212	166	95	47	153
		Mean Min.	- 99	- 75	- 20	43	87	140	181	177	138	68	- 9	- 55	48
		Highest	103	167	183	241	284	291	312	346	273	226	164	134	346
		Date	03	13	31	25	18	18	30	12	06	03	14	03	08/12
		Lowest	- 204	- 154	- 139	0	21	62	147	108	84	- 10	- 85	- 137	- 204
		Date	24	03	01	12	14	02	22	27	23	30	26	16	01/24
(0.1hPa)	Vapor Press.	Mean	26	37	46	70	92	153	212	210	166	108	59	39	102
		Highest	70	179	133	137	182	224	272	288	250	204	127	137	288
		Date	17	13	06	17	24	30	31	11	05	03	19	22	08/11
		Lowest	1	5	9	23	21	69	155	116	105	22	8	5	1
		Date	11	07	01	23	05	01	22	29	20	31	24	02	01/11
(0.1) Mean D.P.Temp.		- 133	- 90	- 51	12	50	130	183	180	144	74	- 19	- 77	34	
Rel. Humid. (%)	Mean	60	68	61	59	54	70	82	80	87	80	69	63	69	
	Lowest	1	7	9	7	8	20	40	33	34	15	8	5	1	
	Date	05	07	17	16	05	04	09	06	06	30	02	02	01/05	
(0.1mm)	Precip.	00~24h Total	89	289	352	1166	600	418	4392	1061	1492	829	102	624	11414
		09~09h Total													
	Highest	1 Daily	61	190	254	255	292	274	1515	443	579	316	45	303	1515
		Date	29	12	05	07	10	24	04	28	17	05	18	21	07/04
	6 6 - Hour	Date	34	109	243	236	188	233	823	212	273	243	45	320	823
		Date	29	12	05	17	10	24	04	28	17	05	19	22	07/04
	1 60 - Minute	Date				69	49	128	410	66	122	74			410
		Date				16	10	24	05	26	11	05			07/05
	10 10 - Minute	Date				18	12	56	145	32	42	17			145
		Date				17	10	15	05	02	11	05			07/05
2 2 - Day	Date	63	13		372	307	113	2073	576	653	141	52	515	2073	
	Date	29 - 30	08 - 09		16 - 17	10 - 11	14 - 15	04 - 05	28 - 29	17 - 18	07 - 08	18 - 19	21 - 22	07/04 - 07/05	
3 3 - Day	Date				423		134	3364	900	778	93	47		3364	
	Date				16 - 18		13 - 15	30 - 07	26 - 31	17 - 19	21 - 23	06 - 08		06/30 - 07/07	
(0.1mm)	Evapor.	Small	Total												
			Highest												
	Large	Total													
		Highest													
(0.1%)	Wind	Mean Speed	16	17	16	20	21	14	14	15	12	13	15	15	16
		Highest Speed	64	75	99	82	96	58	75	81	58	75	63	64	99
		Highest Dir.	NNW	SSW	SW	SW	WSW	S	SW	NE	NE	SW	SW	NNW	SW
		Date	26	12	05	17	04	15	02	26	20	25	12	30	03/05
		Highest Gust Speed	167	155	177	192	244	110	162	201	127	148	136	156	244
		Highest Gust Dir.	WSW	SW	SW	N	WSW	NNW	SSW	WSW	SW	WSW	SSW	WSW	WSW
		Date	19	12	05	17	03	26	02	31	01	03	11	01	05/03
		Resultant Speed	6	7	3	5	7	2	2	6	5	1	3	6	2
		Resultant Dir.	WSW	WSW	WSW	SW	SW	S	SSW	NE	NE	E	SW	WSW	WSW
Cloud Amount (0.1)		Mean													
		Mean Low Mid.													
Sunshine		Total(0.1hr)	1681	1712	1760	1885	2764	1915	1278	1725	758	1194	1327	1502	19501
		Perc.(0.1%)	546	545	474	477	629	435	286	411	204	343	434	502	437
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
		Total													
Grass Min. Temp. (0.1)	Mean	- 147	- 103	- 55	7	46	109	171	189	125	32	- 41	- 70	22	
	Lowest	- 237	- 184	- 120	- 54	- 13	23	141	80	70	- 61	- 113	- 141	- 237	
	Date	24	03	15	01	14	02	22	27	22	30	02	11	01/24	
(0.1)	Mean Soil Temp.	Surface	- 55	- 23	34	119	200	247	248	268	188	127	36	- 10	115
		0.05m													
		0.1m													
		0.2m													
		0.3m													
		0.5m													
		1.0m													
		1.5m													
		3.0m													
5.0m															
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	31	30	49	42	38	38	38	74	42	49	53	22	74
		NE	19	34	61	63	55	50	57	66	48	44	39	35	66
		ENE	29	49	59	58	60	43	46	54	38	48	40	45	60
		E	24	25	45	44	44	32	32	31	30	31	34	21	45
		ESE	22	17	12	19	28	24	20	21	14	23	25	18	28
		SE	26	22	18	19	23	21	10	23	10	16	15	20	26
		SSE	29	37	21	29	31	29	23	28	12	18	24	25	37
		S	44	35	58	58	56	51	53	26	41	52	41	47	58
		SSW	41	63	54	65	67	51	44	34	47	49	52	43	67
		SW	51	58	83	74	77	40	63	72	42	55	51	49	83
		WSW	44	51	58	63	90	39	43	63	19	57	28	47	90
		W	35	36	32	50	55	24	23	23	8	21	30	37	55
		WNW	42	34	33	30	30	20	24	20	5	22	25	52	52
		NW	39	53	35	43	37	29	26	26	17	19	33	39	53
	NNW	59	45	40	46	39	47	31	28	41	28	38	62	62	
	(0.1%)	N	32	35	22	39	38	31	35	58	41	50	21	49	58
	Hourly Occurrence Percentage	CALM	164	145	192	168	231	254	261	270	328	302	222	246	232
		NNE	43	50	38	56	28	24	40	58	67	52	58	32	45
		NE	15	24	48	60	58	57	38	90	107	60	42	20	52
		ENE	44	47	90	86	74	89	78	129	111	94	67	34	79
		E	23	20	40	43	36	53	66	55	42	47	49	21	41
		ESE	27	9	11	14	26	25	15	32	19	28	13	9	19
		SE	19	13	15	6	15	24	15	27	11	22	13	9	16
		SSE	20	20	15	11	23	31	16	27	14	16	24	17	19
		S	74	62	58	43	55	56	48	24	46	51	69	56	53
		SSW	121	82	83	90	91	90	105	63	85	97	103	105	93
		SW	123	145	113	149	124	111	132	48	51	77	108	115	108
		WSW	63	125	91	108	89	60	58	35	26	35	44	86	68
W		39	80	47	49	38	28	35	11	3	22	35	64	37	
WNW		70	45	26	32	27	22	24	22	7	17	29	51	31	
NW	55	59	43	21	38	18	23	24	10	20	57	58	35		
NNW	63	52	65	32	24	36	17	27	21	17	33	40	36		
(0.1%)	N	38	22	26	33	24	24	30	58	53	42	35	35	35	
Number of Days With Classified	Daily Max. Temp.	0.0	14	6	1									5	26
		0.1 ~ 10.0	16	19	13	3						2	16	23	92
		10.1 ~ 20.0	1	4	17	22	6		3	5	10	24	14	3	109
		20.1 ~ 30.0				5	25	30	23	16	20	5			124
	Daily Mean Temp.	30.1							5	10					15
		-5.0	16	8	1									4	29
		-4.9 ~ 0.0	12	16	7								6	12	53
		0.1 ~ 10.0	3	4	20	13	1					11	21	15	88
	Daily Min. Temp.	10.1 ~ 20.0		1	3	17	30	20	7	6	26	20	3		133
		20.1						10	24	25	4				63
		-15.0	5	3											8
		-14.9 ~ -5.0	21	17	7								5	18	68
	Daily Precip.	-4.9 ~ 0.0	5	7	13	1						1	15	10	52
		0.1 ~ 10.0		2	11	28	19	3			1	25	10	3	102
		10.1				1	12	27	31	31	29	5	10	3	136
		0.1mm	3	5	3	12	7	6	12	12	16	11	6	9	102
	60 - Minute Max. Precip.	10.0mm		1	1	5	2	2	9	4	5	2		2	33
		30.0mm							5	1	1	1		1	9
		80.0mm							1						1
		100.0mm							1						1
	10 - Minute Max. Precip.	1.0mm				9	5	3	12	7	11	7			54
		6.0mm				1		2	9	2	2	1			17
		10.0mm						1	7		2				10
		20.0mm							2						2
Daily Max. New Snowfall	30.0mm							1						1	
	0.1mm				12	7	6	12	12	16	11			76	
	1.0mm				4	2	2	10	5	8	2			33	
	5.0mm						1	4						5	
Daily Max. Snow Depth	10.0mm							2						2	
	0.1cm														
	5.0cm														
	10.0cm														
Daily Min. Rel. Humid.	30.0cm														
	20%	10	9	13	7	16	1				2	6	8	72	
	21 ~ 30%	8	5	5	13	5	2				3	6	5	52	
	31 ~ 40%	6	6	5	2	5	9	1	6	2	5	7	3	57	
Daily Max. Wind speed	41 ~ 50%		5	1	2	2	10	7	8	4	4	2	4	49	
	51 ~ 70%	4	2	6	4	3	7	17	16	12	12	8	10	101	
	71%	3	2	1	2		1	6	1	12	5	1	1	35	
	0.5 ~ 3.3%	7	2	4	1		6	5	4	11	8	1	2	51	
Daily Max. Wind speed	3.4 ~ 7.9%	24	27	26	28	28	24	26	26	19	23	29	29	309	
	8.0 ~ 13.8%			1	1	3				1				6	
	13.9%														

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow														
	Sleet														
	Snow Pellet														
	Hail														
	Fog														
	Frost														
	Freezing														
	Haze														
	Yellow Sand														
	Thunder Storm														
Sunshine (0%)	3	1	3	2	1	0	2	4	8	7	3	3	37		
< 20%	4	4	7	7	3	10	14	6	16	12	9	7	99		
80%	0	0	0	0	11	4	1	0	0	0	0	0	16		
Cloud Amount 2.4															
2.5 ~ 5.4															
5.5 ~ 7.4															
7.5															
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10224	10231	10219	10140	10071	10099	10083	10087	10083	10163	10223	10213	
		2nd	10202	10184	10201	10129	10144	10042	10053	10049	10158	10211	10196	10244	
		3rd	10262	10266	10195	10115	10089	10062	10085	10035	10175	10205	10246	10237	
	Mean Temp. (0.1)	1st	-16	-52	22	100	152	176	211	237	190	138	48	8	
		2nd	-71	3	29	99	148	204	206	245	165	119	72	-5	
		3rd	-69	-26	53	112	178	198	240	183	150	84	2	-12	
	Mean Max.Temp. (0.1)	1st	31	14	77	163	217	239	259	301	237	181	100	62	
		2nd	-13	55	82	166	227	257	249	309	201	190	135	43	
		3rd	-21	19	109	174	252	258	294	230	198	131	50	38	
	Mean Min.Temp. (0.1)	1st	-58	-115	-35	41	94	116	170	191	160	96	4	-49	
		2nd	-124	-46	-23	40	63	156	173	197	141	64	9	-55	
		3rd	-115	-62	-3	46	101	148	197	144	112	47	-41	-61	
	Mean D.P.Temp. (0.1)	1st	-126	-126	-48	4	41	104	177	199	165	104	-10	-109	
		2nd	-132	-47	-64	10	39	141	177	199	142	77	13	-62	
		3rd	-141	-100	-42	21	68	146	195	144	125	46	-60	-62	
	Mean Vapor Press (0.1hPa)	1st	26	25	51	66	87	129	204	233	188	130	61	30	
		2nd	27	52	42	69	85	162	203	234	163	106	71	43	
		3rd	25	32	46	74	102	167	228	167	147	89	44	43	
	Mean Rel. Humid. (%)	1st	47	65	68	59	54	66	83	82	87	81	69	49	
		2nd	70	73	57	59	55	70	85	78	87	79	70	69	
3rd		63	64	58	59	54	74	78	80	86	80	67	72		
Mean Wind Speed (0.1m/s)	1st	18	14	18	19	29	13	13	11	12	14	18	17		
	2nd	15	20	16	23	18	16	13	11	15	10	14	14		
	3rd	15	18	15	18	15	13	14	22	10	14	13	13		
Total Precip. (0.1mm)	1st	0	93	254	370	420	2	3356	118	548	466	47	7		
	2nd	26	190	0	471	114	134	659	43	910	15	52	33		
	3rd	63	6	98	325	66	282	377	900	34	348	3	584		
Total Evaporation (0.1mm)	1st														
	2nd														
	3rd														
Total Sunshine (0.1hr)	1st	635	680	531	629	697	627	335	690	332	329	494	557		
	2nd	549	515	550	627	996	665	340	659	221	588	485	481		
	3rd	497	517	679	629	1071	623	603	376	205	277	348	464		
Mean Cloud Amount (0.1)	1st														
	2nd														
	3rd														
First and Last of Seasonal Phenomena	Genesis	Max. Temp. 30							09	25				48(17)	
		Max. Temp. 25					02				15			137(79)	
		Mean Temp. 25							24	14				22(10)	
		Min. Temp. 25												(0)	
	Continue	Max. Temp. 30								10 - 14				5	
		Max. Temp. 25							21	25				36	
		Mean Temp. 25								10 - 14				5	
		Min. Temp. 25													
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0									01				96(24)
Mean Temp. < 0										24				120(79)	
Min. Temp. < 0					31					28				150(115)	
Frost															
Continue	Freezing														
	Snow														
	Snow Cover														
	Max. Temp. < 0								18 - 26					9	
Mean Temp. < 0								05	10				37		
Min. Temp. < 0								16	11				58		
Frost															
Freezing															
Snow															
Snow Cover															

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Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	9917	9911	9893	9824	9810	9776	9784	9764	9835	9884	9911	9921	9853
		Mean Sea Level	10254	10244	10217	10136	10116	10075	10081	10058	10137	10197	10236	10253	10167
		Highest	10356	10364	10315	10244	10266	10150	10153	10134	10245	10328	10358	10366	10366
		Date	01	25	01	20	14	06	07	27	21	30	29	30	12/30
		Lowest	10090	9988	10092	9867	9900	9951	9989	9866	9975	10056	10121	10046	9866
		Date	18	14	18	17	03	24	13	31	01	05	22	08/31	
(0.1)	Air Temp.	Mean	- 50	- 17	45	126	173	219	241	253	200	132	45	- 8	113
		Mean Max.	8	47	121	204	254	282	292	317	255	196	111	54	178
		Mean Min.	- 109	- 82	- 29	52	93	162	204	203	156	82	- 15	- 65	54
		Highest	97	138	198	293	307	322	331	354	304	271	205	139	354
		Date	03	13	31	26	19	10	11	06	04	03	14	22	08/06
		Lowest	- 207	- 163	- 155	- 16	43	89	169	110	69	- 17	- 96	- 140	- 207
		Date	24	03	01	01	17	02	19	27	21	30	25	16	01/24
(0.1hPa)	Vapor Press.	Mean	28	34	48	77	106	165	233	225	176	117	62	44	110
		Highest	76	137	124	154	190	237	309	295	263	246	138	122	309
		Date	03	13	06	21	15	30	30	14	04	03	14	22	07/30
		Lowest	6	10	11	24	35	72	169	109	87	36	17	12	6
		Date	24	07	10	06	20	02	22	29	20	30	24	16	01/24
(0.1) Mean D.P.Temp.			- 119	- 94	- 45	25	72	142	199	190	152	87	- 9	- 55	45
Rel. Humid. (%)	Mean	62	61	58	57	59	66	79	71	76	77	71	74	68	
	Lowest	9	12	6	9	8	18	34	23	29	26	20	17	6	
	Date	11	10	17	06	20	02	08	24	24	30	16	01	03/17	
(0.1mm)	Precip.	00~24h Total	45	687	215	1171	824	421	4197	1138	473	1096	221	591	11079
		09~09h Total													
	Highest	1 Daily	15	260	195	240	265	190	1760	330	275	425	90	240	1760
		Date	15	12	05	16	03	24	04	31	17	25	18	21	07/04
	6	6 - Hour	24	165	140	285	145	125	700	245	165	360	80	225	700
		Date	15	14	06	17	24	24	04	03	17	25	19	22	07/04
	1	60 - Minute				75	40	100	350	245	70	95			350
		Date				17	24	12	04	03	04	25			07/04
	10	10 - Minute				25	10	90	105	160	35	50			160
		Date				16	24	12	04	03	04	03			08/03
2	2 - Day	25	485	200	425	315	115	2155	335	295	265	95	450	2155	
	Date	14 - 15	12 - 13	05 - 06	16 - 17	02 - 03	14 - 15	04 - 05	30 - 31	16 - 17	07 - 08	18 - 19	21 - 22	07/04 - 07/05	
3	3 - Day	30	515	205	465	323	120	3066	435	110			470	3066	
	Date	13 - 15	12 - 14	04 - 06	16 - 18	02 - 06	14 - 16	01 - 07	28 - 31	02 - 04			21 - 23	07/01 - 07/07	
(0.1mm)	Evapor.	Small													
		Total Highest Date													
(0.1mm)	Large	Total Highest Date													
(0.1%)	Wind	Mean Speed	16	16	15	20	18	15	12	13	11	11	12	13	14
		Highest Speed	78	77	66	83	98	55	55	64	52	59	55	65	98
		Highest Dir.	WSW	WSW	WSW	W	W	SW	SW	WSW	ENE	ENE	W	W	W
		Date	18	14	29	17	04	19	28	31	20	23	02	01	05/04
		Highest Gust Speed	165	138	137	163	207	100	104	138	107	107	111	123	207
		Highest Gust Dir.	W	WSW	WSW	WNW	W	W	NE	SW	ESE	NE	WSW	NW	W
		Date	18	14	29	17	04	25	04	31	20	23	11	01	05/04
		Resultant Speed	10	11	7	6	9	6	3	1	5	1	5	8	5
		Date													
		Resultant Dir.	WSW	W	WSW	WSW	WSW	WSW	NNW	ENE	ENE	WSW	W	WSW	
Cloud Amount (0.1)		Mean													
		Mean Low Mid.													
Sunshine		Total(0.1hr)	1818	1890	1984	2105	2717	2030	1325	2099	1136	1341	1505	1401	21351
		Perc.(0.1%)	590	602	534	532	618	461	296	500	305	385	492	468	478
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth Date													
		Snowfall Date													
		Total													
Grass Min. Temp. (0.1)		Mean	- 125	- 98	- 47	36	76	154	201	202	150	76	- 28	- 78	43
		Lowest	- 219	- 183	- 164	- 41	21	73	163	108	59	- 19	- 105	- 143	- 219
		Date	24	03	01	01	17	02	19	27	21	30	25	16	01/24
(0.1)	Mean Soil Temp.	Surface	- 24	3	63	141	211	262	265	269	221	153	63	10	136
		0.05m													
		Underground													
		0.1m													
		0.2m													
		0.3m													
		0.5m													
		1.0m													
1.5m															
3.0m															
5.0m															
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

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Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	13	26	22	46	27	30	36	27	25	33	13	23	46
		NE	41	32	52	58	37	47	35	39	47	49	44	20	58
		ENE	57	25	35	54	32	33	28	47	46	51	33	35	57
		E	17	20	36	28	35	20	26	36	39	30	24	27	39
		ESE	22	18	26	28	31	29	22	23	20	22	26	23	31
		SE	17	22	24	37	41	30	18	20	30	30	25	16	41
		SSE	17	18	24	39	47	37	26	45	19	35	20	15	47
		S	24	20	31	41	33	42	29	26	26	26	24	20	42
		SSW	43	36	50	44	51	39	37	28	35	32	42	50	51
		SW	54	59	48	64	74	45	52	48	37	34	49	49	74
		WSW	68	57	57	70	80	45	42	57	31	39	48	55	80
		W	62	63	62	75	83	39	31	38	33	42	50	62	83
		WNW	64	51	43	61	79	33	26	30	10	26	34	58	79
		NW	14	49	8	18	25	25	15	33	14	10	38	54	54
	NNW	21	18	11	12	20	24	30	24	10	15	13	22	30	
	(0.1%)	N	10	12	27	27	24	20	19	36	14	17	13	10	36
	Hourly Occurrence Percentage	CALM	333	297	293	163	275	215	261	251	285	301	333	362	281
		NNE	74	99	103	85	63	78	56	54	69	79	79	95	78
		NE	17	26	55	76	40	53	97	120	179	126	58	17	72
		ENE	28	13	27	93	20	39	62	94	124	67	25	17	51
		E	8	9	15	29	19	28	27	47	42	40	15	11	24
		ESE	16	11	11	33	36	26	16	36	39	39	18	12	25
		SE	5	13	24	18	36	28	22	32	19	26	21	21	22
		SSE	7	16	22	32	27	17	20	19	28	27	14	16	20
		S	17	16	11	24	24	31	24	30	24	27	13	16	21
		SSW	40	24	46	50	59	53	42	26	33	34	36	32	40
		SW	146	121	106	111	121	136	125	70	53	74	111	91	105
		WSW	132	171	121	124	125	131	108	65	38	66	128	153	113
W		101	108	101	83	75	74	62	66	26	31	72	86	74	
WNW		40	46	35	29	30	32	19	27	3	19	31	32	28	
NW	8	7	4	11	16	15	15	24	10	8	17	7	12		
NNW	5	6	7	10	12	19	16	17	4	17	7	12	11		
(0.1%)	N	21	17	20	29	20	26	30	23	25	19	22	17	23	
Number of Days With Classified	Daily Max. Temp.	0.0	8	4	1									3	16
		0.1 ~ 10.0	23	21	9							1	12	23	89
		10.1 ~ 20.0		4	21	14	3			1	1	13	17	5	79
		20.1 ~ 30.0				16	27	24	14	5	28	17	1		132
	Daily Mean Temp.	30.1					1	6	17	25	1				50
		-5.0	15	7	1										3
		-4.9 ~ 0.0	11	13	4								5	18	51
		0.1 ~ 10.0	5	9	25	2						4	19	10	74
	Daily Min. Temp.	10.1 ~ 20.0			1	28	30	3	2	6	13	26	6		115
		20.1					1	27	29	25	17	1			100
		-15.0	7	2	1										10
		-14.9 ~ -5.0	19	18	7									5	20
	Daily Precip.	-4.9 ~ 0.0	5	7	15	1						2	16	10	56
		0.1 ~ 10.0		2	8	29	19	1			2	18	9	1	89
		10.1					12	29	31	31	28	11			142
		0.1mm	6	7	4	11	11	8	19	9	9	10	10	11	115
	60 - Minute Max. Precip.	10.0mm		2	1	5	3	2	4	4	1	5		2	29
		30.0mm							4	1					6
		80.0mm							1						1
		100.0mm							1						1
	10 - Minute Max. Precip.	1.0mm				10	6	4	15	6	6	8			55
		6.0mm				2		1	5	3	2	2			15
		10.0mm						1	5	2					8
		20.0mm							3	1					4
Daily Max. New Snowfall	30.0mm							1						1	
	0.1mm				11	11	8	20	9	9	10			78	
	1.0mm				8	6	4	12	5	6	5			46	
	5.0mm						1	4	2		1			8	
Daily Max. Snow Depth	10.0mm							1	2					3	
	0.1cm								2						
	5.0cm														
	10.0cm														
Daily Min. Rel. Humid.	30.0cm														
	0.1cm	6	9	12	11	15	1					1	2	57	
	21 ~ 30%	8	9	8	11	8	6			3	1	2	9	7	
	31 ~ 40%	6	5	6	4	3	14	4	13	6	9	4	3	77	
Daily Max. Wind speed	41 ~ 50%	5	5	3	1	1	5	8	10	10	6	8	5	62	
	51 ~ 70%	6	5	1	2	4	4	17	5	10	13	7	11	85	
	71%		1	1	1			2		3	1	1	3	13	
	0.5 ~ 3.3%	4	4	5	1	1	2	12	14	21	19	11	13	107	
Daily Max. Wind speed	3.4 ~ 7.9%	27	25	26	28	28	28	19	17	9	12	19	18	256	
	8.0 ~ 13.8%				1	2								3	
	13.9%														

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10034	10023	10004	9932	9917	9880	9885	9864	9935	9988	10022	10034	9960
		Mean Sea Level	10257	10244	10220	10139	10120	10079	10083	10060	10137	10196	10238	10255	10169
		Highest	10355	10370	10315	10250	10259	10153	10157	10122	10234	10329	10354	10366	10370
		Date	01	25	01	19	14	06	07	27	21	30	29	30	02/25
		Lowest	10108	10006	10097	9892	9919	9961	9999	9898	9975	10050	10125	10066	9892
		18	13	18	17	03	24	13	31	01	05	05	22	04/17	
(0.1)	Air Temp.	Mean	- 31	- 2	58	133	181	223	248	260	205	141	53	7	123
		Mean Max.	26	60	135	211	259	284	299	321	261	202	124	70	188
		Mean Min.	- 83	- 60	- 12	63	106	169	208	208	163	96	- 7	- 49	67
		Highest	138	167	214	276	303	323	335	356	307	277	217	139	356
		Date	03	13	31	26	19	23	26	19	05	03	14	05	08/19
		Lowest	- 182	- 133	- 117	5	56	99	174	131	86	- 18	- 72	- 124	- 182
		24	07	01	01	05	02	19	30	21	30	24	16	01/24	
(0.1hPa)	Vapor Press.	Mean	33	38	51	85	113	174	243	223	189	130	68	47	116
		Highest	79	147	146	159	196	258	334	311	269	269	150	137	334
		Date	04	13	05	17	24	30	31	12	05	03	19	22	07/31
		Lowest	8	13	18	27	38	71	163	106	93	26	18	13	8
		Date	24	07	11	05	04	02	11	29	20	30	24	16	01/24
(0.1) Mean D.P.Temp.		- 93	- 79	- 38	39	82	150	205	189	164	102	0	- 46	56	
Rel. Humid. (%)	Mean	65	61	56	60	60	68	80	69	80	80	73	71	69	
	Lowest	18	11	9	10	9	18	36	20	29	16	18	18	9	
	Date	05	10	17	01	19	02	09	24	15	30	16	01	05/19	
(0.1mm)	Precip.	00~24h Total	97	398	455	1492	885	488	4949	530	1494	1357	335	436	12916
		09~09h Total													
	Highest	1 Daily	45	150	350	370	275	360	1965	280	915	320	110	150	1965
		Date	17	12	05	21	03	24	04	31	17	08	18	21	07/04
	6 6 - Hour	Date	41	80	280	315	150	260	870	185	690	305	100	110	870
		Date	17	28	05	21	03	24	04	31	17	08	19	22	07/04
	1 60 - Minute	Date				95	60	105	580	65	200	100			580
		Date				17	03	24	30	31	17	05			07/30
	10 10 - Minute	Date				25	20	30	205	55	45	35			205
		Date				17	03	24	30	31	17	25			07/30
2 2 - Day	Date	65	210	400	372	315	50	2325	370	1050	546	125	260	2325	
	Date	17 - 18	12 - 13	04 - 05	20 - 21	02 - 03	15 - 16	04 - 05	30 - 31	17 - 18	07 - 08	18 - 19	21 - 22	07/04 - 07/05	
3 3 - Day	Date	32	220	405	380		7	3947	390	1085	356		270	3947	
	Date	28 - 30	12 - 14	04 - 06	16 - 18		20 - 22	30 - 08	28 - 31	16 - 18	27 - 03		21 - 23	06/30 - 07/08	
(0.1mm)	Evapor.	Small													
		Total Highest Date													
(0.1mm)	Large	Total Highest Date													
		Total Highest Date													
(0.1%)	Wind	Mean Speed	15	18	14	16	16	13	12	13	11	12	12	14	14
		Highest Speed	72	80	64	74	84	52	54	60	47	45	56	66	84
		Highest Dir.	NW	NW	SE	W	NW	WNW	S	N	S	NW	WNW	WNW	NW
		Date	18	15	05	17	04	25	05	29	01	09	24	01	05/04
		Highest Gust Speed	149	128	110	157	156	106	114	117	93	89	88	117	157
		Highest Gust Dir.	W	NW	SE	WNW	WNW	SSW	ESE	WNW	ESE	WNW	NNW	NNW	WNW
		Date	19	15	05	17	04	28	16	31	19	08	01	06	04/17
		Resultant Speed	11	10	7	5	5	3	3	2	3	2	6	8	4
		Resultant Dir.	NW	WNW	NW	SW	WSW	SW	S	NW	SSE	S	NW	NW	WNW
Cloud Amount (0.1)		Mean													
		Mean Low Mid.													
Sunshine		Total(0.1hr)	1528	1637	2186	1980	2629	1875	1452	2386	1187	1184	1465	1268	20777
		Perc.(0.1%)	494	520	588	502	600	427	326	569	319	339	476	420	466
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
		Total													
Grass Min. Temp. (0.1)	Mean	- 104	- 96	- 66	17	65	137	196	191	146	71	- 43	- 85	36	
	Lowest	- 174	- 169	- 120	- 66	14	54	157	118	64	- 58	- 122	- 157	- 174	
	Date	24	07	12	01	08	02	19	30	21	30	24	16	01/24	
(0.1)	Mean Soil Temp.	Surface	4	18	77	151	216	283	282	321	234	164	70	23	154
		0.05m													
		0.1m													
		0.2m													
		0.3m													
		0.5m													
		1.0m													
		1.5m													
		3.0m													
5.0m															
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	32	11	15	20	22	23	40	33	18	20	16	17	40
		NE	5	11	23	12	22	11	10	46	21	20	10	9	46
		ENE	15	9	30	5	21	12	30	13	22	18	33	9	33
		E	17	10	15	32	19	26	19	27	32	29	27	12	32
		ESE	18	42	44	40	39	29	48	31	33	33	26	56	56
		SE	19	55	55	56	51	40	33	42	36	37	35	49	56
		SSE	26	46	40	46	50	43	43	36	33	35	37	45	50
		S	38	28	38	49	60	50	48	39	42	40	37	29	60
		SSW	26	26	45	64	29	36	38	26	38	23	21	34	64
		SW	26	44	37	37	44	29	31	20	16	18	20	43	44
		WSW	33	50	38	54	56	36	24	31	22	23	31	34	56
		W	44	48	37	67	62	38	34	57	26	20	39	34	67
		WNW	54	63	47	61	67	47	30	43	26	36	46	52	67
		NW	65	68	49	64	69	41	33	35	27	39	40	60	69
		NNW	59	60	56	42	50	29	39	43	30	34	48	32	60
	(0.1%)	N	37	44	33	27	23	24	17	47	14	28	36	32	47
	Hourly Occurrence Percentage	CALM	287	263	284	251	253	261	312	208	272	266	304	295	271
		NNE	21	36	19	13	22	17	23	32	22	19	19	20	22
		NE	1	3	12	7	9	11	9	15	18	19	10	9	10
		ENE	7	9	7	1	8	10	11	15	15	11	10	5	9
		E	4	7	5	8	8	25	12	30	28	19	11	4	13
		ESE	5	11	11	28	27	29	34	42	50	30	18	16	25
		SE	20	39	28	76	67	65	65	86	85	85	36	26	56
		SSE	31	30	47	86	66	110	102	81	114	103	51	38	72
		S	20	22	30	74	71	74	106	56	97	85	42	39	60
		SSW	15	20	19	25	31	39	38	15	42	32	17	27	27
		SW	15	30	24	35	28	15	22	23	14	12	19	28	22
WSW		21	32	28	53	30	31	24	16	14	19	17	23	25	
W		31	42	51	68	77	60	28	40	25	15	46	26	42	
WNW		102	116	93	60	75	65	43	51	21	38	89	85	70	
NW		203	185	129	68	105	89	67	82	44	90	107	174	112	
NNW	146	96	132	89	63	61	65	125	72	105	136	122	101		
(0.1%)	N	70	59	82	58	59	39	40	83	67	54	68	63	62	
Number of Days With Classified	Daily Max. Temp.	0.0	7	2										1	10
		0.1 ~ 10.0	22	22	9								10	23	86
		10.1 ~ 20.0	2	5	20	13	3				2	13	19	7	84
	Daily Mean Temp.	20.1 ~ 30.0			2	17	27	22	15	7	25	18	1		134
		30.1					1	8	16	24	3				52
		-5.0	8	4											12
	Daily Min. Temp.	-4.9 ~ 0.0	16	11	3								4	14	48
		0.1 ~ 10.0	7	13	24						3	21	17		85
		10.1 ~ 20.0		1	4	30	27	2		4	12	26	5		111
	Daily Min. Temp.	20.1					4	28	31	27	18	2			110
		-15.0	4												4
		-14.9 ~ -5.0	20	17	5								5	16	63
	Daily Precip.	-4.9 ~ 0.0	7	9	14							1	16	10	57
		0.1 ~ 10.0		3	12	27	14	1			1	15	9	5	87
		10.1				3	17	29	31	31	29	15			155
	60 - Minute Max. Precip.	0.1mm	5	9	4	12	7	11	15	6	13	12	10	9	113
		10.0mm		1	1	6	3	1	8	2	4	5	1	3	35
		30.0mm			1	1		1	6		1	2			12
	10 - Minute Max. Precip.	80.0mm							1		1				2
		100.0mm							1						1
		1.0mm				9	7	5	12	5	6	9			53
	Daily Max. New Snowfall	6.0mm				3	1	1	9	1	3	5			23
		10.0mm						1	6		2	1			10
		20.0mm							6		1				7
	Daily Max. Snow Depth	30.0mm							3						3
		0.1mm				12	7	11	15	6	13	12			76
		1.0mm				7	7	5	10	4	4	7			44
Daily Min. Rel. Humid.	5.0mm							5	1					6	
	10.0mm							3						3	
	0.1cm														
Daily Max. Wind speed	5.0cm														
	10.0cm														
	30.0cm														
Daily Min. Rel. Humid.	20%	2	7	13	12	13	1		1		2	2	2	55	
	21 ~ 30%	7	9	10	10	9	6		4	1	1	8	8	73	
	31 ~ 40%	12	5	5	4	5	12	1	13	5	5	7	5	79	
Daily Max. Wind speed	41 ~ 50%	5	4	1	2	2	6	12	9	14	10	7	6	78	
	51 ~ 70%	5	4	1	1	2	5	16	4	7	13	4	9	71	
	71%			1	1			2		3		2	1	10	
Daily Max. Wind speed	0.5 ~ 3.3%	5	4	4	4	7	11	11	12	16	10	11	13	108	
	3.4 ~ 7.9%	26	24	27	26	22	19	20	19	14	21	19	18	255	
	8.0 ~ 13.8%		1				2							3	
	13.9%														

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow														
	Sleet														
	Snow Pellet														
	Hail														
	Fog														
	Frost														
	Freezing														
	Haze														
	Yellow Sand														
	Thunder Storm														
Sunshine (0%)	3	3	1	2	2	3	3	2	5	5	3	4	36		
< 20%	6	8	5	5	5	8	13	5	12	13	7	9	96		
80%	1	11	11	5	9	1	1	6	1	5	6	0	57		
Cloud Amount	2.4														
2.5 ~ 5.4															
5.5 ~ 7.4															
7.5															
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10254	10254	10235	10150	10098	10106	10092	10090	10085	10165	10241	10242	
		2nd	10227	10208	10214	10148	10156	10057	10058	10054	10153	10216	10210	10261	
		3rd	10288	10281	10210	10120	10106	10074	10097	10039	10172	10207	10264	10260	
	Mean Temp. (0.1)	1st	3	-29	44	129	168	209	240	272	225	170	63	13	
		2nd	-44	22	51	123	177	229	237	279	202	141	81	9	
		3rd	-51	0	77	147	195	231	266	231	187	116	14	0	
	Mean Max.Temp. (0.1)	1st	65	47	108	216	243	273	289	333	284	224	136	84	
		2nd	15	80	128	190	262	290	287	345	254	222	162	77	
		3rd	1	52	165	227	269	288	320	289	244	163	73	52	
	Mean Min.Temp. (0.1)	1st	-51	-100	-14	50	96	149	207	225	184	128	3	-50	
		2nd	-96	-29	-16	60	97	180	198	223	163	89	14	-51	
		3rd	-102	-49	-7	78	123	178	219	178	143	74	-39	-47	
	Mean D.P.Temp. (0.1)	1st	-66	-122	-30	26	67	122	206	218	181	132	9	-51	
		2nd	-102	-40	-39	40	74	162	192	200	161	103	31	-48	
		3rd	-110	-75	-43	51	103	167	216	154	149	72	-39	-40	
	Mean Vapor Press (0.1hPa)	1st	40	25	57	78	102	145	244	261	210	159	70	45	
		2nd	30	52	50	85	106	187	224	235	185	128	82	47	
		3rd	30	38	46	92	128	191	260	178	172	106	51	50	
	Mean Rel. Humid. (%)	1st	63	53	63	58	58	62	84	75	79	81	72	67	
		2nd	67	66	58	62	59	70	78	66	81	83	76	69	
3rd		66	62	48	60	62	70	77	66	81	77	72	76		
Mean Wind Speed (0.1m/s)	1st	14	16	17	14	20	12	11	10	12	14	13	13		
	2nd	16	21	11	20	16	12	13	12	10	8	10	11		
	3rd	14	15	14	14	12	14	12	16	10	14	12	16		
Total Precip. (0.1mm)	1st			405	320	535	26	3917	25	133	956	140	25		
	2nd	65	225	50	632	165	70	415		1095	90	135	36		
	3rd	32	173		540	185	392	617	505	266	311	60	375		
Total Evaporation (0.1mm)	1st														
	2nd														
	3rd														
Total Sunshine (0.1hr)	1st	493	846	562	676	658	704	342	840	412	417	532	463		
	2nd	502	360	654	640	1041	602	371	951	385	509	532	454		
	3rd	533	431	970	664	930	569	739	595	390	258	401	351		
Mean Cloud Amount (0.1)	1st														
	2nd														
	3rd														
First and Last of Seasonal Phenomena	Genesis	Max. Temp. 30					18				05			111(55)	
		Max. Temp. 25			01						04		187(131)		
		Mean Temp. 25						23			25		64(42)		
		Min. Temp. 25											(0)		
	Continue	Max. Temp. 30								03 - 25				23	
		Max. Temp. 25							17	27				42	
		Mean Temp. 25							22	25				35	
		Min. Temp. 25													
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0								19	29				42(9)
Mean Temp. < 0						26					11			107(53)	
Min. Temp. < 0				30							28			151(107)	
Frost															
Freezing															
Snow															
Snow Cover															
Continue	Max. Temp. < 0							19 - 25						7	
	Mean Temp. < 0							18 - 28						11	
	Min. Temp. < 0						25		11					49	
	Frost														
	Freezing														
	Snow														
Snow Cover															

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Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10222	10213	10186	10039	10022	9984	9986	9967	10039	10096	10134	10149	10086
		Mean Sea Level	10250	10240	10212	10136	10117	10077	10079	10058	10133	10193	10235	10252	10165
		Highest	10335	10354	10302	10251	10252	10146	10156	10119	10229	10325	10350	10359	10359
		Date	01	25	01	19	14	06	07	27	21	30	29	30	12/30
		Lowest	10109	9993	10089	9890	9911	9965	9989	9893	9975	10059	10121	10059	9890
	Date	18	13	18	17	03	24	16	31	01	05	05	22	04/17	
(0.1)	Air Temp.	Mean	-23	7	64	136	182	223	250	260	210	145	59	11	127
		Mean Max.	25	59	135	211	254	280	296	317	264	200	123	67	186
		Mean Min.	-70	-44	1	69	110	168	215	213	166	100	1	-42	74
		Highest	129	184	222	287	304	311	333	351	304	275	212	140	351
		Date	02	13	31	26	19	21	23	06	05	03	14	22	08/06
	Lowest	-186	-117	-104	10	56	117	182	149	99	-23	-67	-120	-186	
	Date	25	02	01	05	05	02	19	29	21	30	25	16	01/25	
(0.1hPa)	Vapor Press.	Mean	38	45	59	85	113	182	255	247	193	129	67	49	122
		Highest	91	157	155	157	205	271	352	315	269	276	151	148	352
		Date	03	13	05	21	15	23	24	23	05	03	14	22	07/24
		Lowest	12	19	24	28	35	12	185	126	104	23	19	14	12
		Date	24	22	11	05	16	11	15	29	20	30	24	06	06/11
(0.1) Mean D.P.Temp.		-73	-52	-13	38	82	157	213	207	168	99	-1	-40	65	
Rel. Humid. (%)	Mean	71	67	61	58	59	70	82	75	79	77	69	71	70	
	Lowest	29	20	19	9	11	20	44	37	34	13	20	15	9	
	Date	05	22	31	01	22	05	09	21	20	30	29	01	04/01	
(0.1mm)	Precip.	00-24h Total	80	436	165	1183	1072	362	3643	820	550	959	335	443	10048
		09-09h Total													
	Highest	1 Daily	25	135	115	275	267	350	892	307	298	230	160	213	892
		Date	23	28	05	16	15	24	04	31	17	25	18	21	07/04
	6 6 - Hour	Date	20	130	115	306	300	310	470	228	168	239	155	164	470
		Date	24	28	05	17	16	24	01	31	17	08	19	22	07/01
	1 60 - Minute	Date				83	79	99	353	124	70	154			353
		Date				13	15	24	01	29	16	03			07/01
	10 10 - Minute	Date				19	41	31	117	58	37	117			117
		Date				13	15	24	29	29	08	03			10/03
2 2 - Day	Date	40	215	155	395	347	355	1675	356	391	346	170	323	1675	
	Date	23 - 24	12 - 13	04 - 05	16 - 17	15 - 16	23 - 24	04 - 05	30 - 31	16 - 17	07 - 08	18 - 19	21 - 22	07/04 - 07/05	
3 3 - Day	Date				422			2518	760	824				2518	
	Date		12 - 14		16 - 18			01 - 06	26 - 31	26 - 02			21 - 23	07/01 - 07/06	
(0.1mm)	Evapor.	Total													
		Highest													
(0.1mm)	Small	Date													
		Date													
(0.1mm)	Large	Total													
		Highest													
(0.1mm)	Date	Date													
		Date													
(0.1%)	Wind	Mean Speed	18	23	21	17	16	14	13	13	12	13	12	12	15
		Highest Speed	90	88	71	96	97	62	59	79	60	59	62	61	97
		Highest Dir.	W	W	W	WSW	WSW	E	W	ENE	ESE	ENE	E	WSW	WSW
		Date	19	14	09	17	04	15	05	26	19	23	06	23	05/04
		Highest Gust Speed	155	146	118	169	178	97	120	134	102	100	89	128	178
		Highest Gust Dir.	W	W	W	W	W	W	WSW	SW	W	E	W	W	W
		Date	19	16	10	17	04	25	05	31	01	25	06	01	05/04
		Resultant Speed	10	13	9	2	6	3	2	2	6	4	3	5	3
Resultant Dir.	W	W	WSW	SSW	WSW	SW	SE	NNW	E	ENE	WNW	WNW	W		
(0.1)	Cloud Amount	Mean													
		Mean Low Mid.													
(0.1)	Sunshine	Total(0.1hr)	1510	1745	2272	2019	2584	2108	1624	2331	1563	1363	1666	1453	22238
		Perc.(0.1%)	489	555	612	512	589	480	364	556	420	391	543	482	498
(0.01MJ/m) Total Horizontal Radiation															
(0.1cm)	Snow	Highest	Snow Depth												
			Date												
			Snowfall												
			Date												
			Total												
(0.1)	Grass Min. Temp.	Mean	-49	-54	-32	44	89	147	206	210	149	90	-19	-63	60
		Lowest	-112	-102	-91	-23	37	95	162	145	63	-41	-94	-130	-130
		Date	12	07	15	05	05	02	19	27	21	30	24	16	12/16
(0.1)	Mean Soil Temp.	Surface	-2	19	87	155	216	271	278	311	232	156	62	16	150
		0.05m													
		0.1m													
		0.2m													
		0.3m													
		0.5m													
		1.0m													
		1.5m													
3.0m															
			5.0m												
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	28	23	25	31	17	30	26	20	17	7	31		
		NE	17	18	22	40	58	31	38	59	44	57	13	34	59
		ENE	24	25	30	52	50	46	42	67	50	53	29	45	67
		E	34	29	35	48	41	61	45	36	49	49	56	33	61
		ESE	37	45	42	53	48	42	35	42	47	41	37	31	53
		SE	35	38	49	39	37	30	28	30	40	33	34	18	49
		SSE	21	36	55	38	34	28	37	22	23	16	19	21	55
		S	18	27	50	35	38	26	33	38	36	23	32	36	50
		SSW	32	55	43	54	41	30	32	23	44	21	38	26	55
		SW	31	56	35	69	88	35	41	27	39	29	35	36	88
		WSW	46	64	47	64	81	55	49	64	25	44	30	52	81
		W	80	79	65	67	74	49	26	39	17	42	37	48	80
		WNW	74	72	56	44	35	34	21	26	25	37	36	44	74
		NW	59	47	53	43	58	29	25	26	24	34	35	43	59
	NNW	15			30	30	37	27	36	28	32	40	51	51	
	(0.1%)	N				23	29	21	27	41	38	25	27	15	41
	Hourly Occurrence Percentage	CALM	189	124	108	188	245	214	218	262	261	273	328	319	228
		NNE		3		8	9	13	7	17	10	11	4	7	7
		NE	9	9	12	24	17	22	16	27	64	40	14	21	23
		ENE	36	23	27	74	39	38	93	71	99	144	49	58	63
		E	39	37	42	103	75	110	129	109	161	106	88	79	90
		ESE	44	95	62	79	73	58	65	52	99	71	68	42	67
		SE	39	37	54	54	46	39	46	22	46	35	33	17	39
		SSE	42	62	67	49	24	25	15	16	33	11	22	16	32
		S	43	50	54	32	32	22	35	12	19	9	19	16	29
		SSW	19	29	34	33	36	60	59	16	32	19	26	19	32
		SW	9	47	38	60	67	65	79	40	25	32	25	43	44
WSW		121	99	97	69	118	115	78	91	33	51	51	77	84	
W		177	234	231	90	74	65	58	67	22	54	86	85	103	
WNW	148	129	128	54	59	64	38	40	26	66	100	115	81		
NW	82	22	48	54	51	49	30	74	36	48	61	67	52		
NNW	3			21	24	33	24	50	17	20	17	12	18		
(0.1%)	N				8	9	8	12	32	17	9	8	7	9	
Number of Days With Classified	Daily Max. Temp.	0.0	7	2									1	10	
		0.1 ~ 10.0	22	23	9								11	23	88
		10.1 ~ 20.0	2	4	19	13	2					15	18	7	80
		20.1 ~ 30.0			3	17	28	24	16	6	29	16	1		140
	Daily Mean Temp.	30.1					1	6	15	25	1				48
		-5.0	7	2											9
		-4.9 ~ 0.0	15	10	1								3	13	42
		0.1 ~ 10.0	9	16	24							3	21	18	91
	Daily Min. Temp.	10.1 ~ 20.0		1	6	30	23	2		4	10	26	6		108
		20.1					8	28	31	27	20	2			116
		-15.0	3												3
		-14.9 ~ -5.0	15	15	2								5	14	51
	Daily Precip.	-4.9 ~ 0.0	11	11	15						1	12	12	62	
		0.1 ~ 10.0	2	3	14	26	10				1	13	13	5	87
		10.1				4	21	30	31	31	29	17			163
		0.1mm	5	8	3	10	7	5	15	9	7	10	7	11	97
	60 - Minute Max. Precip.	10.0mm		2	1	5	5	1	8	3	1	5	1	2	34
		30.0mm						1	4	1					6
		80.0mm							1						1
		100.0mm													
	10 - Minute Max. Precip.	1.0mm				9	6	1	12	6	5	8			47
		6.0mm				3	2	1	8	2	1	2			19
		10.0mm							6	1		1			8
		20.0mm							6						6
Daily Max. New Snowfall	30.0mm							2						2	
	0.1mm				10	7	5	15	9	7	10			63	
	1.0mm				4	5	1	8	5	4	5			32	
	5.0mm							7	1		1			9	
Daily Max. Snow Depth	10.0mm							4			1			5	
	0.1cm														
	5.0cm														
	10.0cm														
Daily Min. Rel. Humid.	30.0cm														
	0.1cm														
	5.0cm														
	10.0cm														
Daily Max. Wind speed	20.0cm														
	30.0cm														
	20%		2	3	11	13	1				1	2	2	35	
	21 ~ 30%	1	3	12	11	9	4					8	6	54	
Daily Max. Wind speed	31 ~ 40%	7	10	9	5	3	7			3	8	6	4	67	
	41 ~ 50%	9	6	4	1	3	11	4	5	9	7	9	7	84	
	51 ~ 70%	14	7	3	2	3	7	22	11	15	14	4	10	112	
	71%		1					5	1	3	1	1	2	14	
Daily Max. Wind speed	0.5 ~ 3.3%	7	3	3	2	8	10	14	22	20	16	10	16	131	
	3.4 ~ 7.9%	22	21	28	27	21	20	17	9	10	15	20	15	225	
	8.0 ~ 13.8%	2	5		1	2								10	
	13.9%														

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow														
	Sleet														
	Snow Pellet														
	Hail														
	Fog														
	Frost														
	Freezing														
	Haze														
	Yellow Sand														
	Thunder Storm														
Sunshine (0%)	2	3	0	1	1	0	1	1	1	1	1	0	0	11	
< 20%	5	6	6	6	4	5	9	4	7	11	5	8	8	76	
80%	5	11	11	2	7	2	0	2	2	3	6	9	9	60	
Cloud Amount	2.4														
2.5 ~ 5.4															
5.5 ~ 7.4															
7.5															
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10246	10245	10227	10148	10096	10104	10088	10088	10082	10162	10236	10240	
		2nd	10219	10198	10207	10143	10153	10056	10054	10053	10150	10213	10206	10258	
		3rd	10281	10282	10204	10117	10104	10071	10093	10037	10169	10204	10262	10258	
	Mean Temp. (0.1)	1st	15	-19	51	130	168	208	240	275	227	172	71	19	
		2nd	-32	34	59	128	178	226	240	278	209	145	86	12	
		3rd	-51	9	82	150	197	234	269	230	193	121	20	3	
	Mean Max.Temp. (0.1)	1st	62	42	106	212	237	271	285	332	285	224	137	80	
		2nd	17	84	129	192	259	283	286	337	260	214	157	73	
		3rd	0	51	166	229	266	288	316	284	246	164	75	50	
	Mean Min.Temp. (0.1)	1st	-28	-78	2	55	99	147	209	227	183	128	13	-40	
		2nd	-76	-17	-4	72	100	178	203	227	167	95	21	-41	
		3rd	-103	-36	4	81	129	181	231	186	148	81	-31	-44	
	Mean D.P.Temp. (0.1)	1st	-42	-83	-9	25	64	118	209	228	187	129	9	-43	
		2nd	-80	-20	-17	46	78	173	199	217	163	104	33	-41	
		3rd	-94	-54	-15	44	101	175	229	179	153	67	-45	-37	
	Mean Vapor Press (0.1hPa)	1st	48	34	63	79	102	141	249	278	216	156	71	48	
		2nd	35	59	57	89	109	198	233	259	189	128	83	49	
		3rd	32	43	56	88	128	202	281	208	176	104	47	51	
	Mean Rel. Humid. (%)	1st	68	64	67	56	58	62	85	78	80	78	68	67	
		2nd	71	71	62	63	59	74	79	72	77	80	74	71	
3rd		73	66	55	57	61	73	81	76	80	72	65	76		
Mean Wind Speed (0.1m/s)	1st	18	20	25	15	23	13	13	9	11	15	14	12		
	2nd	21	28	18	20	15	13	14	10	14	7	9	10		
	3rd	15	21	20	17	12	15	12	19	10	16	12	14		
Total Precip. (0.1mm)	1st			155	198	534	0	2518	59	102	626	150	39		
	2nd	40	221	10	704	355	7	312	0	397	38	175	22		
	3rd	40	215		281	183	355	813	761	51	295	10	382		
Total Evaporation (0.1mm)	1st														
	2nd														
	3rd														
Total Sunshine (0.1hr)	1st	486	871	583	693	649	783	371	848	585	568	612	545		
	2nd	463	384	726	650	1042	626	496	921	548	529	562	485		
	3rd	561	490	963	676	893	699	757	562	430	266	492	423		
Mean Cloud Amount (0.1)	1st														
	2nd														
	3rd														
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 30					19			05				110(48)	
		Max. Temp. < 25				22					04			166(131)	
		Mean Temp. < 25							08	25				49(40)	
		Min. Temp. < 25							24 - 24					1(1)	
	Continue	Max. Temp. < 30							30	25				27	
		Max. Temp. < 25							18	27				41	
		Mean Temp. < 25							30	25				27	
		Min. Temp. < 25							24 - 24					1	
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0							19	15					28(9)
Mean Temp. < 0						26				01				97(42)	
Min. Temp. < 0					31					28				150(100)	
Frost															
Continue	Freezing														
	Snow														
	Snow Cover														
	Max. Temp. < 0							19 - 25						7	
	Mean Temp. < 0							18 - 28						11	
	Min. Temp. < 0							04	11					39	
Frost															
Freezing															
Snow															
Snow Cover															

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2016

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10234	10227	10199	10118	10100	10061	10059	10040	10111	10170	10211	10229	10147
		Mean Sea Level	10254	10247	10219	10137	10118	10079	10076	10058	10129	10188	10230	10249	10165
		Highest	10338	10361	10306	10246	10236	10138	10156	10116	10220	10321	10346	10350	10361
		Date	23	25	01	19	14	06	06	01	21	30	29	30	02/25
		Lowest	10118	10002	10093	9890	9915	9971	9959	9912	9971	10051	10113	10062	9890
		Date	18	13	18	17	03	24	16	31	01	05	19	22	04/17
(0.1)	Air Temp.	Mean	- 3	19	63	125	178	217	256	267	222	163	86	37	136
		Mean Max.	32	65	117	184	236	261	292	313	267	209	132	82	183
		Mean Min.	- 38	- 25	15	76	127	183	225	231	187	122	43	- 8	95
		Highest	124	200	225	223	293	296	328	339	309	308	211	165	339
		Date	02	13	31	06	18	22	21	11	04	04	14	21	08/11
		Lowest	- 136	- 83	- 67	19	79	157	184	155	146	22	- 24	- 70	- 136
		Date	24	02	01	05	05	03	18	29	23	30	29	28	01/24
(0.1hPa)	Vapor Press.	Mean	45	52	69	110	154	228	298	299	227	150	84	61	148
		Highest	112	194	177	195	240	304	394	389	317	289	177	177	394
		Date	03	13	05	13	15	20	30	06	05	03	05	21	07/30
		Lowest	16	18	22	36	64	160	210	154	112	28	33	17	16
		Date	23	22	10	05	01	03	18	29	20	30	23	11	01/23
(0.1) Mean D.P.Temp.			- 48	- 34	6	80	131	195	239	238	194	122	31	- 12	95
Rel. Humid. (%)	Mean	73	70	70	78	77	89	91	85	86	79	70	72	78	
	Lowest	28	18	17	16	19	38	61	41	39	17	24	14	14	
	Date	05	22	31	05	05	05	15	29	20	30	20	11	12/11	
(0.1mm)	Precip.	00-24h Total	78	542	187	1051	1465	237	2002	51	734	1080	56	445	7928
		09-09h Total													
	Highest	1 Daily	29	245	139	313	403	203	691	24	479	273	29	264	691
		Date	23	12	05	16	15	24	04	28	17	07	08	21	07/04
	6 6 - Hour		28	135	138	279	346	161	555	26	371	229	40	165	555
		Date	24	28	05	16	15	24	04	28	17	08	08	21	07/04
	1 60 - Minute					77	118	59	264	20	81	122			264
		Date				16	15	24	04	28	17	25			07/04
	10 10 - Minute					30	51	16	151	8	32	42			151
		Date				13	15	24	05	28	16	25			07/05
2 2 - Day		50	324	156	361	531		993	29	620	419	42	302	993	
	Date	23 - 24	12 - 13	04 - 05	16 - 17	02 - 03		04 - 05	27 - 28	16 - 17	07 - 08	07 - 08	21 - 22	07/04 - 07/05	
3 3 - Day								1588						1588	
	Date		11 - 13					30 - 08					21 - 23	06/30 - 07/08	
(0.1mm)	Evapor.	Small													
		Total Highest Date													
(0.1mm)	Large	Total Highest Date													
(0.1%)	Wind	Mean Speed	15	15	17	17	17	14	19	11	14	14	17	15	15
		Highest Speed	57	80	100	132	92	72	113	77	85	69	65	112	132
		Highest Dir.	N	SSW	SSW	SSW	SW	SSW	SSW	SSW	S	S	SSW	SSW	SSW
		Date	23	18	29	17	03	15	01	31	01	03	04	22	04/17
		Highest Gust Speed	105	123	147	174	147	107	158	109	119	124	96	150	174
		Highest Gust Dir.	NNW	ESE	S	SSW	SW	S	SSW	SW	SSW	S	SSW	SSW	SSW
		Date	18	12	29	17	03	15	01	31	01	25	04	22	04/17
		Resultant Speed	8	2	3	4	9	7	13	3	4	8	6	6	1
	Resultant Dir.	NNE	NW	SW	SSW	SSW	SW	SSW	NNW	NE	NNE	NNE	N	WNW	
(0.1)	Cloud Amount	Mean													
		Mean Low Mid.													
Sunshine	Total(0.1hr)	1314	1711	2321	1933	2619	2043	1762	2457	1690	1383	1672	1547	22452	
	Perc.(0.1%)	424	543	625	490	599	467	396	587	454	396	543	512	503	
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth Date													
		Snowfall Date													
		Total													
(0.1)	Grass Min. Temp.	Mean	- 46	- 59	- 22	63	110	160	222	225	174	126	24	- 27	79
		Lowest	- 102	- 106	- 88	- 16	71	116	179	136	130	0	- 47	- 81	- 106
		Date	12	02	11	05	05	03	18	29	21	30	29	16	02/02
(0.1)	Mean Soil Temp.	Surface	19	30	93	152	208	265	281	319	256	171	85	36	160
		0.05m													
		0.1m													
		0.2m													
		0.3m													
		0.5m													
		1.0m													
		1.5m													
3.0m															
(0.01hr)	Dur. of Precip.														
		Dur. of Fog													

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	45	50	41	41	45	30	22	39	44	48	38	48	50
		NE	30	30	35	54	43	23	19	49	56	38	35	30	56
		ENE	21	23	29	28	9	18	22	16	35	25	15	37	37
		E	11	33	9	43	16	25	28	29	34	30	23	43	43
		ESE	12	42	21	40	24	35	45	23	28	17	20	52	52
		SE	10	42	35	35	37	17	23	16	24	19	26	26	42
		SSE	20	37	27	26	35	22	20	9	28	20	26	30	37
		S	37	51	75	70	63	52	69	21	74	66	51	75	75
		SSW	46	78	93	120	83	62	93	73	80	56	61	100	120
		SW	31	62	61	68	77	60	50	47	40	19	25	35	77
		WSW	21	21	18	23	20	29	15	41	18	13	12	25	41
		W	18	19	20	22	15	16	14	26	15		17	18	26
		WNW	11	23	19	25	14	14	11	22	11	8	12	20	25
		NW	23	27	27	17	18	16	10	21	12	14	25	25	27
	NNW	35	30	38	16	22	18	13	25	26	28	40	33	40	
	(0.1%)	N	56	44	47	46	35	36	28	42	39	43	44	52	56
	Hourly Occurrence Percentage	CALM	144	191	200	192	223	236	212	280	213	165	142	141	195
		NNE	223	132	121	111	102	76	62	110	193	200	194	196	144
		NE	188	101	128	110	75	50	54	105	192	216	149	126	125
		ENE	40	29	17	19	4	17	17	15	53	34	14	34	24
		E	7	10	3	11	4	16	9	15	24	3	7	9	9
		ESE	1	9	11	11	5	7	13	1	13	7	11	8	8
		SE	1	29	19	18	9	4	11	4	7	11	29	23	14
		SSE	7	9	9	13	8	3	17	3	11	3	17	11	9
		S	21	32	47	33	50	43	108	15	28	36	86	42	45
		SSW	63	92	134	164	202	228	266	67	65	34	51	54	118
		SW	36	50	86	138	149	142	99	82	49	24	22	17	75
WSW		20	24	11	46	55	56	35	55	36	8	8	31	32	
W		17	27	7	18	16	18	8	39	19	4	4	16	16	
WNW	3	27	19	14	9	13	5	27	6	1	4	15	12		
NW	20	69	42	21	17	18	15	27	15	17	19	21	25		
NNW	72	89	66	18	19	36	23	59	32	74	81	126	58		
(0.1%)	N	136	80	81	64	51	54	38	102	54	145	165	133	92	
Number of Days With Classified	Daily Max. Temp.	0.0	7											7	
		0.1 ~ 10.0	22	26	10								9	19	86
		10.1 ~ 20.0	2	3	20	20	5					12	18	12	92
		20.1 ~ 30.0			1	10	26	30	18	6	29	18	3		141
	30.1							13	25	1	1			40	
	Daily Mean Temp.	-5.0	6												6
		-4.9 ~ 0.0	9	10	1									6	26
		0.1 ~ 10.0	16	16	24	3					3	18	24	104	
		10.1 ~ 20.0		3	6	27	25	3			3	24	12	1	104
	20.1					6	27	31	31	27	4			126	
	Daily Min. Temp.	-15.0													
		-14.9 ~ -5.0	9	8	1									4	22
		-4.9 ~ 0.0	18	15	11								6	15	65
		0.1 ~ 10.0	4	5	19	27	5					6	19	12	97
	10.1		1		3	26	30	31	31	30	25	5		182	
	Daily Precip.	0.1mm	5	10	3	8	6	5	16	4	6	9	6	9	87
		10.0mm		2	1	3	5	1	5	2	4		1		24
		30.0mm													9
		80.0mm				2	3								
		100.0mm													
60 - Minute Max. Precip.	1.0mm				8	6	1	9	2	4	9			39	
	6.0mm				1	4		7		2	3			17	
	10.0mm					2		4			1			7	
	20.0mm							2						2	
10 - Minute Max. Precip.	0.1mm				8	6	5	16	4	6	9			54	
	1.0mm				4	4	1	8		4	6			27	
	5.0mm					1		5						6	
10.0mm							1						1		
Daily Max. New Snowfall	0.1cm														
	5.0cm														
	10.0cm														
Daily Max. Snow Depth	0.1cm														
	5.0cm														
	10.0cm														
Daily Min. Rel. Humid.	20%		1	2	2	1					1		1	8	
	21 ~ 30%	1	1	6	3	3					1	3	1	19	
	31 ~ 40%	1	9	6	7	7				1	2	10	6	50	
	41 ~ 50%	11	9	8	6	5	1			3	2	7	8	66	
	51 ~ 70%	16	7	7	8	12	16	10	20	20	17	7	14	154	
71%	2	2	2	4	3	12	21	8	7	3	2	3	69		
Daily Max. Wind speed	0.5 ~ 3.3%	17	11	6	4	6	11	10	20	16	13	10	15	139	
	3.4 ~ 7.9%	14	17	23	24	23	19	18	11	13	18	20	15	215	
	8.0 ~ 13.8%		1	2	2	2		3		1			1	12	
13.9%															

Element		1	2	3	4	5	6	7	8	9	10	11	12	
Number of Days With Phenomena	Snow													
	Sleet													
	Snow Pellet													
	Hail													
	Fog													
	Frost													
	Freezing													
	Haze													
	Yellow Sand													
	Thunder Storm													
Sunshine (0%)	3	3	2	2	2	1	2	0	2	6	3	3	29	
< 20%	8	7	5	5	3	9	11	3	7	9	7	8	82	
80%	3	9	11	6	10	3	4	8	3	5	7	9	78	
Cloud Amount	2.4													
2.5 ~ 5.4														
5.5 ~ 7.4														
7.5														
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10251	10252	10231	10151	10097	10104	10086	10087	10080	10158	10232	10238
		2nd	10224	10204	10213	10143	10154	10059	10051	10053	10144	10208	10201	10253
		3rd	10284	10290	10212	10117	10105	10074	10091	10036	10163	10198	10258	10254
	Mean Temp. (0.1)	1st	32	-5	61	113	166	206	243	277	238	187	96	48
		2nd	-10	47	56	122	174	218	246	280	220	165	116	41
		3rd	-29	16	72	140	194	227	277	247	208	139	46	23
	Mean Max.Temp. (0.1)	1st	66	46	102	179	224	256	279	320	283	235	139	97
		2nd	28	90	114	178	235	258	284	328	264	221	164	87
		3rd	5	57	133	196	249	270	312	292	253	175	92	65
	Mean Min.Temp. (0.1)	1st	-6	-52	19	61	114	169	213	243	202	145	51	-7
		2nd	-44	0	6	73	118	186	214	242	186	120	69	-2
		3rd	-61	-24	20	93	149	195	246	211	172	103	8	-14
	Mean D.P.Temp. (0.1)	1st	-18	-64	5	62	114	176	231	256	212	151	45	-7
		2nd	-53	0	-3	85	130	199	226	252	190	125	63	-16
		3rd	-71	-38	16	92	148	209	258	208	179	93	-15	-13
	Mean Vapor Press (0.1hPa)	1st	57	39	72	98	138	202	283	329	253	180	93	62
		2nd	43	69	64	113	151	234	276	321	222	147	101	60
		3rd	37	49	71	119	170	248	332	252	207	125	57	61
	Mean Rel. Humid. (%)	1st	71	66	70	75	75	85	93	89	87	81	73	69
		2nd	73	74	69	81	78	90	90	86	84	80	72	68
3rd		74	69	71	76	78	90	90	80	85	76	66	78	
Mean Wind Speed (0.1m/s)	1st	15	13	22	15	24	12	20	8	15	17	19	14	
	2nd	16	19	11	17	17	17	13	8	16	11	14	15	
	3rd	15	13	18	20	11	14	23	16	12	15	16	16	
Total Precip. (0.1mm)	1st	0	0	156	137	672	3	1580	0	37	584	43	46	
	2nd	28	371	31	533	438	23	320	0	622	161	1	3	
	3rd	50	171		381	355	211	102	51	75	335	12	396	
Total Evaporation (0.1mm)	1st													
	2nd													
	3rd													
Total Sunshine (0.1hr)	1st	443	839	522	636	665	828	377	829	693	548	628	624	
	2nd	393	428	766	621	1059	613	564	884	548	607	555	475	
	3rd	478	444	1033	676	895	602	821	744	449	228	489	448	
Mean Cloud Amount (0.1)	1st													
	2nd													
	3rd													
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 30							08			04		89(40)
		Max. Temp. < 25					02					15		167(124)
		Mean Temp. < 25							05		04			62(47)
		Min. Temp. < 25							23	24				33(10)
	Continue	Max. Temp. < 30							29	25				28
		Max. Temp. < 25							18		15			60
		Mean Temp. < 25							19	25				38
		Min. Temp. < 25								20 - 21				2
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6
	Genesis	Max. Temp. < 0							19 - 25					
		Mean Temp. < 0							17		01			7(7)
		Min. Temp. < 0					26				27			76(27)
Frost													123(77)	
Freezing														
Continue	Snow													
	Snow Cover													
	Max. Temp. < 0							19 - 25					7	
	Mean Temp. < 0							18 - 25					8	
	Min. Temp. < 0							04 - 16					13	
Frost														
Freezing														
Snow														
Snow Cover														

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10242	10235	10206	10125	10107	10066	10066	10046	10119	10178	10221	10239	10154
		Mean Sea Level	10257	10250	10220	10138	10120	10079	10079	10059	10132	10192	10235	10253	10168
		Highest	10347	10368	10311	10250	10244	10142	10155	10117	10224	10327	10352	10359	10368
		Date	01	25	01	19	14	06	07	01	21	30	29	30	02/25
		Lowest	10118	10006	10096	9909	9921	9969	9983	9910	9977	10051	10121	10075	9909
		18	13	18	17	03	24	16	31	01	05	19	22	04/17	
(0.1)	Air Temp.	Mean	- 15	9	62	135	186	226	260	271	219	154	69	21	133
		Mean Max.	35	67	138	214	260	282	309	330	273	213	130	81	194
		Mean Min.	- 60	- 45	- 1	71	119	180	221	224	178	111	16	- 30	82
		Highest	126	178	227	278	316	316	343	362	317	296	220	160	362
		Date	03	13	31	26	19	21	31	12	04	04	14	22	08/12
		Lowest	- 175	- 107	- 81	9	77	139	185	141	127	1	- 48	- 90	- 175
		25	02	01	05	05	05	18	29	21	30	29	16	01/25	
(0.1hPa)	Vapor Press.	Mean	42	47	62	104	141	209	274	262	201	137	75	54	134
		Highest	112	178	167	184	238	286	346	344	284	277	160	167	346
		Date	03	13	05	16	15	22	30	05	27	03	14	22	07/30
		Lowest	14	17	17	37	58	111	196	122	104	29	21	18	14
		25	15	10	05	04	03	10	29	20	30	23	06	01/25	
(0.1) Mean D.P.Temp.		- 58	- 47	- 10	71	117	181	225	215	174	109	16	- 27	81	
Rel. Humid. (%)	Mean	75	70	66	71	70	79	83	75	78	78	73	74	74	
	Lowest	22	16	15	14	13	29	40	29	34	17	18	18	13	
	Date	05	10	16	23	21	03	10	16	15	30	09	10	05/21	
(0.1mm)	Precip.	00~24h Total	66	596	190	1646	1216	494	3411	334	1337	1201	171	631	11293
		09~09h Total													
	Highest	1 Daily	20	295	70	510	295	350	1570	175	955	320	90	325	1570
		Date	18	12	18	16	03	24	04	02	17	07	18	21	07/04
	6 6 - Hour	Date	25	200	65	465	225	300	1150	175	740	285	85	260	1150
		Date	24	12	05	16	03	24	04	02	17	07	19	22	07/04
	1 60 - Minute	Date				135	85	80	395	175	190	135			395
		Date				16	15	24	04	02	17	25			07/04
	10 10 - Minute	Date				40	25	25	110	95	60	55			110
		Date				16	15	24	01	02	17	25			07/01
2 2 - Day	Date	30	370	120	600	500	354	1760	79	1065	535	105	435	1760	
	Date	23 - 24	12 - 13	04 - 05	16 - 17	02 - 03	23 - 24	04 - 05	30 - 31	17 - 18	07 - 08	18 - 19	21 - 22	07/04 - 07/05	
3 3 - Day	Date		375		610		384	2660	35	1165	40		445	2660	
	Date		11 - 13		16 - 18		22 - 24	30 - 06	26 - 28	16 - 18	30 - 03		21 - 23	06/30 - 07/06	
(0.1mm)	Evapor.	Total													
		Highest													
(0.1mm)	Small	Date													
		Date													
(0.1mm)	Large	Total													
		Highest													
(0.1mm)	Date	Date													
		Date													
(0.1%)	Wind	Mean Speed	12	14	13	15	15	13	13	12	11	11	11	12	13
		Highest Speed	72	70	65	108	78	54	74	69	64	51	49	78	108
		Highest Dir.	NW	WNW	SSE	WNW	SSE	SW	SW	WNW	SW	NNW	NNW	SW	WNW
		Date	18	16	05	17	03	25	05	31	01	09	22	22	04/17
		Highest Gust Speed	135	124	108	203	161	95	122	135	106	97	90	132	203
		Highest Gust Dir.	NNW	WNW	NW	W	W	ESE	SSW	WNW	SW	NW	WNW	SSW	W
		Date	18	16	10	17	03	15	05	31	01	09	11	22	04/17
		Resultant Speed	7	9	6	5	5	4	4	5	3	6	5	7	4
	Resultant Dir.	NNW	WNW	WNW	W	SW	SW	SW	NNW	NNE	N	NNW	NW	NW	
(0.1)	Cloud Amount	Mean													
		Mean Low Mid.													
(0.1)	Sunshine	Total(0.1hr)	1379	1688	2199	1961	2546	1680	1581	2191	1323	1247	1578	1452	20825
		Perc.(0.1%)	445	535	591	498	582	384	355	523	356	357	512	481	467
(0.01MJ/m) Total Horizontal Radiation															
(0.1cm)	Snow	Highest	Snow Depth												
			Date												
			Snowfall												
			Date												
			Total												
(0.1)	Grass Min. Temp.	Mean	- 81	- 91	- 51	34	93	155	217	211	158	112	- 5	- 57	58
		Lowest	- 136	- 145	- 118	- 46	47	117	183	122	108	- 15	- 74	- 106	- 145
		Date	12	07	12	05	01	05	18	29	21	30	29	16	02/07
(0.1)	Mean Soil Temp.	Surface	14	25	83	159	218	272	302	319	248	172	79	27	160
		0.05m													
		0.1m													
		0.2m													
		0.3m													
		0.5m													
		1.0m													
		1.5m													
3.0m															
	5.0m														
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	31	27	31	33	30	26	26	36	27	32	26	34	36
		NE	30	27	22	26	26	21	29	29	34	32	27	27	34
		ENE	24	22	29	43	33	33	25	24	33	34	26	25	43
		E	21	22	10	37	29	35	31	46	38	34	28	23	46
		ESE	25	16	19	29	32	40	30	31	40	26	37	21	40
		SE	18	28	31	37	61	32	28	66	37	24	34	13	66
		SSE	18	19	61	48	76	32	51	19	22	23	19	17	76
		S	18	18	52	35	49	32	40	21	45	29	22	16	52
		SSW	22	60	50	72	41	33	44	47	45	34	33	17	72
		SW	42	57	46	91	49	54	65	36	57	32	42	71	91
		WSW	32	41	38	35	46	48	37	26	31	12	36	23	48
		W	30	58	47	57	73	39	33	57	27	36	34	51	73
		WNW	55	56	48	67	43	35	24	53	35	41	39	56	67
		NW	71	59	55	48	49	32	29	40	34	39	47	62	71
	NNW	56	44	50	31	25	30	26	38	31	38	43	49	56	
	(0.1%)	N	28	29	33	23	24	34	33	36	26	40	30	29	40
	Hourly Occurrence Percentage	CALM	383	394	363	281	282	278	277	294	300	292	364	405	326
		NNE	48	23	35	58	27	28	55	69	75	139	75	54	57
		NE	44	19	22	42	28	21	44	62	74	78	64	34	44
		ENE	11	13	11	25	16	36	32	38	51	44	28	9	26
		E	12	7	8	17	26	29	24	35	38	32	19	13	22
		ESE	13	9	13	22	28	28	38	23	36	13	14	12	21
		SE	20	29	34	51	47	65	50	28	24	23	26	21	35
		SSE	21	19	27	39	52	44	56	31	21	9	15	11	29
		S	19	17	17	35	56	56	52	13	24	16	19	12	28
		SSW	28	32	44	33	43	42	54	30	29	13	22	30	33
		SW	47	47	83	101	108	125	132	35	39	22	32	43	68
		WSW	12	27	36	42	81	61	48	31	42	8	19	21	36
W		27	73	69	79	71	61	43	42	35	16	25	35	48	
WNW		50	96	47	42	39	40	17	70	35	36	39	60	47	
NW	98	112	86	53	36	29	20	42	26	54	75	90	60		
NNW	93	57	69	36	26	26	24	74	72	93	86	97	63		
(0.1%)	N	74	26	36	44	34	31	32	85	81	110	76	52		
Number of Days With Classified	Daily Max. Temp.	0.0	7											7	
		0.1 ~ 10.0	22	24	8								8	20	
		10.1 ~ 20.0	2	5	21	8	2				1	11	21	11	
		20.1 ~ 30.0			2	22	25	24	10	6	23	20	1		
	30.1					4	6	21	25	6					
	Daily Mean Temp.	-5.0	7											7	
		-4.9 ~ 0.0	13	13	1									9	
		0.1 ~ 10.0	11	15	26	1					3	23	22	101	
		10.1 ~ 20.0		1	4	29	19	1			6	25	7		
	20.1					12	29	31	31	24	3				
	Daily Min. Temp.	-15.0	2											2	
		-14.9 ~ -5.0	15	14	4									10	
		-4.9 ~ 0.0	12	12	13							11	15	63	
		0.1 ~ 10.0	2	3	14	26	8				13	18	6	90	
	10.1				4	23	30	31	31	30	18	1			
	Daily Precip.	0.1mm	7	9	3	11	8	8	14	7	9	11	7	11	
		10.0mm		2		5	5	1	6	1	4	5		2	
		30.0mm				2		1	4		1	1		1	
		80.0mm						1		1				2	
		100.0mm						1						1	
	60 - Minute Max. Precip.	1.0mm				9	7	4	10	4	6	7		47	
		6.0mm				4	4	1	6	1	1	3		20	
		10.0mm				2			5	1	1	1		10	
		20.0mm							3					3	
		30.0mm							1					1	
	10 - Minute Max. Precip.	0.1mm				11	8	8	14	7	9	11		68	
		1.0mm				8	6	3	9	3	5	6		40	
		5.0mm							5	1	1	1		8	
10.0mm							3					3			
Daily Max. New Snowfall	0.1cm														
	5.0cm														
	10.0cm														
Daily Max. Snow Depth	0.1cm														
	5.0cm														
	10.0cm														
Daily Min. Rel. Humid.	20%		1	6	5	9					1	2	4		
	21 ~ 30%	1	7	12	8	5	2		2		2	5	3		
	31 ~ 40%	6	11	6	5	7	5	1	6	10	6	9	5		
	41 ~ 50%	11	4	4	7	4	9	12	16	8	9	4	7		
	51 ~ 70%	13	4	3	4	5	12	12	6	8	12	8	10		
71%		2		1	1	2	6	1	4	1	2	2			
Daily Max. Wind speed	0.5 ~ 3.3%	13	7	6	5	9	8	15	7	16	19	14	15		
	3.4 ~ 7.9%	18	22	25	24	22	22	16	24	14	12	16	16		
	8.0 ~ 13.8%				1										
13.9%													1		

Element		1	2	3	4	5	6	7	8	9	10	11	12	
Number of Days With Phenomena	Snow													
	Sleet													
	Snow Pellet													
	Hail													
	Fog													
	Frost													
	Freezing													
	Haze													
	Yellow Sand													
	Thunder Storm													
Sunshine (0%)	2	4	2	1	2	0	5	0	5	5	3	4	33	
< 20%	6	7	6	5	5	9	13	5	10	11	8	10	95	
80%	2	10	8	5	9	2	2	4	2	4	7	9	64	
Cloud Amount	2.4													
2.5 ~ 5.4														
5.5 ~ 7.4														
7.5														
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10254	10254	10234	10150	10101	10104	10089	10088	10082	10161	10237	10241
		2nd	10226	10208	10214	10146	10156	10059	10054	10054	10148	10211	10205	10257
		3rd	10287	10291	10212	10119	10106	10075	10094	10037	10167	10202	10262	10260
	Mean Temp. (0.1)	1st	17	-17	54	126	170	218	250	283	240	181	79	29
		2nd	-22	32	56	130	183	228	249	287	215	152	97	21
		3rd	-38	13	76	150	203	232	279	245	204	130	30	14
	Mean Max.Temp. (0.1)	1st	70	56	112	215	239	276	296	341	296	239	142	97
		2nd	27	86	133	202	263	281	301	350	266	227	166	86
		3rd	12	59	165	226	274	290	329	302	258	176	84	62
	Mean Min.Temp. (0.1)	1st	-30	-80	5	53	103	167	217	236	199	138	24	-29
		2nd	-61	-19	-10	72	114	185	209	238	177	103	37	-32
		3rd	-86	-36	3	90	140	187	234	200	158	93	-14	-30
	Mean D.P.Temp. (0.1)	1st	-29	-82	-8	53	102	162	223	239	191	136	26	-26
		2nd	-62	-12	-14	75	112	188	214	228	171	109	49	-28
		3rd	-81	-49	-7	85	135	193	237	182	161	83	-26	-27
	Mean Vapor Press (0.1hPa)	1st	52	34	65	92	129	185	271	297	221	164	80	53
		2nd	40	63	59	107	135	218	255	279	197	133	92	54
		3rd	36	45	60	114	157	225	293	214	185	116	54	54
	Mean Rel. Humid. (%)	1st	74	66	69	67	71	74	87	80	76	78	73	71
		2nd	76	77	66	74	70	80	83	73	79	79	76	73
3rd		74	67	62	71	70	81	80	71	79	76	70	76	
Mean Wind Speed (0.1m/s)	1st	9	11	15	14	20	12	14	9	13	14	12	10	
	2nd	14	17	11	17	14	14	12	10	11	8	9	10	
	3rd	12	13	13	14	11	12	13	17	9	13	12	15	
Total Precip. (0.1mm)	1st	0		120	191	690	10	2655	220	22	715	30	71	
	2nd	30	401	70	925	300	95	721	0	1175	141	106	25	
	3rd	36	195		530	226	389	35	114	140	345	35	535	
Total Evaporation (0.1mm)	1st													
	2nd													
	3rd													
Total Sunshine (0.1hr)	1st	399	881	514	669	616	661	351	749	491	490	608	574	
	2nd	471	361	695	654	1074	503	448	841	433	516	517	471	
	3rd	509	446	990	638	856	516	782	601	399	241	453	407	
Mean Cloud Amount (0.1)	1st													
	2nd													
	3rd													
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 30					18			15				
		Max. Temp. < 25				25					15			
		Mean Temp. < 25							05		05			
		Min. Temp. < 25								15 - 20				
	Continue	Max. Temp. < 30							19	25				
		Max. Temp. < 25							04	29				
		Mean Temp. < 25							19	25				
		Min. Temp. < 25								20 - 20				
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6
	Genesis	Max. Temp. < 0							19 - 25					
Mean Temp. < 0								17		01			7(7)	
Min. Temp. < 0					31					28			76(38)	
Frost													150(98)	
Freezing														
Continue	Snow													
	Snow Cover													
	Max. Temp. < 0							19 - 25					7	
	Mean Temp. < 0							18 - 28					11	
	Min. Temp. < 0							04 - 28					25	
Frost														
Freezing														
Snow														
Snow Cover														

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	14	17	27	16	31	28	30	22	14	19	20	21	31	
		NE	17	16	21	23	39	35	30	29	16	19	37	12	39	
		ENE	20	14	18	33	32	35	31	39	36	40	38	22	40	
		E	26	24	19	34	26	32	35	31	40	43	35	15	43	
		ESE	17	20	19	36	30	24	26	31	31	26	18	16	36	
		SE	16	30	31	44	42	30	41	23	33	24	20	12	44	
		SSE	21	35	49	59	70	35	42	32	41	41	26	16	70	
		S	16	14	23	38	57	54	40	38	41	36	10	12	57	
		SSW	17	39	42	19	37	26	24	12	51	21	13	36	51	
		SW	30	57	42	62	38	32	29	40	14	15	39	31	62	
		WSW	34	53	33	65	50	45	38	46	43	38	34	46	65	
		W	56	57	42	80	55	40	33	49	25	25	37	45	80	
		WNW	51	51	40	36	44	32	28	36	18	32	35	40	51	
		NW	31	29	33	28	41	27	27	25	20	22	27	34	41	
		NNW	31	24	32	27	30	19	32	32	25	21	32	25	32	
	(0.1%)	N	26	25	30	31	31	24	28	29	29	22	33	30	33	
	Hourly Occurrence Percentage	CALM	313	246	180	111	103	146	153	181	222	239	282	289	205	
		NNE	5	10	23	8	9	18	16	28	15	13	17	15	15	
		NE	11	6	16	18	23	17	16	27	15	11	22	20	17	
		ENE	12	13	9	40	31	25	38	32	71	44	20	21	30	
		E	15	34	22	61	36	42	67	42	78	82	28	11	43	
		ESE	13	19	30	61	24	54	66	48	65	82	18	31	43	
		SE	13	20	34	60	58	51	78	46	63	58	20	20	43	
		SSE	16	11	32	43	48	33	60	32	47	43	24	13	34	
		S	8	4	4	28	30	29	43	28	39	27	10	15	22	
		SSW	8	10	19	13	23	26	24	12	25	17	17	12	17	
		SW	20	39	26	49	32	57	51	22	14	16	18	27	31	
WSW		78	88	75	89	98	113	78	73	57	58	50	70	77		
W		177	231	204	226	251	176	151	187	133	130	197	195	188		
WNW		173	193	153	83	129	131	86	126	82	95	151	165	130		
NW		70	37	87	46	47	43	32	46	29	31	59	48	48		
NNW	40	19	52	42	38	18	23	35	26	30	39	21	32			
(0.1%)	N	27	20	34	22	19	21	17	35	18	23	31	27	24		
Number of Days With Classified	Daily Max. Temp.	0.0	7	2											9	
		0.1 ~ 10.0	22	21	8								10	24	85	
		10.1 ~ 20.0	2	6	21	13	2					2	12	19	7	84
		20.1 ~ 30.0			2	17	28	23	10	6	23	19	1			129
		30.1					1	7	21	25	5					59
	Daily Mean Temp.	-5.0	7	1											8	
		-4.9 ~ 0.0	18	14	3								4	14	53	
		0.1 ~ 10.0	6	13	24							3	19	17	82	
		10.1 ~ 20.0		1	4	30	25	2		3	11	25	7		108	
		20.1					6	28	31	28	19	3			115	
	Daily Min. Temp.	-15.0	2												2	
		-14.9 ~ -5.0	17	16	5								3	15	56	
		-4.9 ~ 0.0	12	10	13							1	14	12	62	
		0.1 ~ 10.0		3	13	27	12				1	14	13	4	87	
		10.1				3	19	30	31	31	29	16			159	
	Daily Precip.	0.1mm	7	9	3	12	8	9	15	13	12	12	10	11	121	
		10.0mm		2	2	7	3	3	7	5	4	6	1	3	43	
		30.0mm			1	2		1	4		1	2			11	
		80.0mm							1		1				2	
		100.0mm							1		1				2	
	60 - Minute Max. Precip.	1.0mm				11	7	5	7	11	7	9			57	
		6.0mm				3		3	6	5	2	4			23	
		10.0mm						3	6	2	2	2			15	
		20.0mm							2	1					3	
		30.0mm							1						1	
	10 - Minute Max. Precip.	0.1mm				12	8	9	15	13	12	12			81	
		1.0mm				8	6	4	7	8	6	6			45	
5.0mm							2	4	1					7		
10.0mm							2	1	1					4		
Daily Max. New Snowfall	0.1cm															
	5.0cm															
	10.0cm															
	20.0cm															
	30.0cm															
Daily Max. Snow Depth	0.1cm															
	5.0cm															
	10.0cm															
	20.0cm															
	30.0cm															
Daily Min. Rel. Humid.	20%	2	3	10	13	9	2				2	1	2	44		
	21 ~ 30%	3	10	13	7	10	3		2	1	1	8	7	65		
	31 ~ 40%	7	10	5	2	5	8		14	5	5	6	5	74		
	41 ~ 50%	13	2	4	5	7	15	11	11	2	7	5	5	82		
	51 ~ 70%	6	3	1	3	2	10	11	4	8	19	5	5	77		
71%		1	2	1		3			5	2	3	7	24			
Daily Max. Wind speed	0.5 ~ 3.3%	18	8	9	9	13	15	19	17	25	23	20	20	196		
	3.4 ~ 7.9%	13	21	22	20	18	15	12	14	5	8	10	11	169		
	8.0 ~ 13.8%				1									1		
	13.9%															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow														
	Sleet														
	Snow Pellet														
	Hail														
	Fog														
	Frost														
	Freezing														
	Haze														
	Yellow Sand														
	Thunder Storm														
Sunshine (0%)	3	1	2	3	2	1	4	2	5	6	4	3	36		
< 20%	7	7	5	9	4	11	9	6	12	13	8	10	101		
80%	2	8	12	5	10	3	0	1	1	2	8	8	60		
Cloud Amount	2.4														
2.5 ~ 5.4															
5.5 ~ 7.4															
7.5															
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10253	10253	10233	10148	10098	10102	10088	10088	10082	10162	10237	10241	
		2nd	10225	10207	10212	10144	10154	10056	10053	10052	10148	10212	10206	10258	
		3rd	10285	10288	10209	10117	10104	10072	10092	10036	10168	10202	10262	10259	
	Mean Temp. (0.1)	1st	10	-22	48	127	169	212	245	273	231	174	68	17	
		2nd	-35	26	51	131	176	228	246	283	205	145	86	13	
		3rd	-43	5	76	147	198	230	279	234	193	122	16	0	
	Mean Max.Temp. (0.1)	1st	68	49	112	211	243	274	293	341	291	228	140	89	
		2nd	16	85	126	199	259	287	296	349	254	221	164	75	
		3rd	6	61	159	226	272	285	335	291	246	169	70	53	
	Mean Min.Temp. (0.1)	1st	-38	-90	-10	53	96	153	211	226	190	134	7	-43	
		2nd	-76	-25	-16	71	97	179	208	234	166	100	20	-41	
		3rd	-89	-43	-6	77	123	179	228	186	151	82	-30	-42	
	Mean D.P.Temp. (0.1)	1st	-48	-104	-22	34	80	133	210	223	191	144	21	-31	
		2nd	-82	-32	-35	55	82	168	200	217	168	112	44	-34	
		3rd	-90	-66	-33	61	109	176	220	177	163	84	-29	-31	
	Mean Vapor Press (0.1hPa)	1st	45	28	60	82	111	155	250	270	223	173	76	51	
		2nd	34	55	52	94	112	194	234	262	194	135	89	52	
		3rd	34	40	49	97	133	203	266	206	188	115	54	53	
	Mean Rel. Humid. (%)	1st	68	58	65	60	62	65	83	77	81	85	76	74	
		2nd	72	68	60	65	62	73	77	72	82	84	79	74	
3rd		72	62	52	64	62	74	73	74	85	80	76	82		
Mean Wind Speed (0.1m/s)	1st	11	14	14	14	20	12	13	11	12	11	11	11		
	2nd	14	17	11	18	15	13	13	11	11	7	8	9		
	3rd	11	15	14	14	12	12	12	14	9	12	9	13		
Total Precip. (0.1mm)	1st	0		450	610	405	25	3623	280	102	1185	125	58		
	2nd	55	305	95	447	160	515	153	295	1200	190	130	55		
	3rd	56	155		660	140	334	3	481	307	197	77	383		
Total Evaporation (0.1mm)	1st														
	2nd														
	3rd														
Total Sunshine (0.1hr)	1st	475	881	601	638	699	619	344	732	424	380	622	548		
	2nd	447	387	663	631	1016	646	393	852	382	438	462	476		
	3rd	523	402	992	669	950	509	928	577	307	244	456	388		
Mean Cloud Amount (0.1)	1st														
	2nd														
	3rd														
First and Last of Seasonal Phenomena	Genesis	Max. Temp. 30					19				15			120(60)	
		Max. Temp. 25			22						04		166(134)		
		Mean Temp. 25							01		05		67(50)		
		Min. Temp. 25											(0)		
	Continue	Max. Temp. 30							19	25				38	
		Max. Temp. 25							04	25				53	
		Mean Temp. 25							19	25				38	
		Min. Temp. 25													
	'15.7-'16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0							19	29				42(9)	
Mean Temp. < 0						26				11			107(53)		
Min. Temp. < 0				31						28			150(104)		
Frost															
Continue	Freezing														
	Snow														
	Snow Cover														
	Max. Temp. < 0							19 - 25					7		
	Mean Temp. < 0							10 - 28					19		
	Min. Temp. < 0							24	11				50		
Frost															
Freezing															
Snow															
Snow Cover															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10243	10238	10207	10126	10109	10068	10067	10047	10117	10176	10219	10239	10155
		Mean Sea Level	10258	10253	10222	10140	10123	10082	10080	10061	10131	10190	10234	10254	10169
		Highest	10347	10371	10312	10252	10238	10140	10155	10117	10220	10328	10354	10358	10371
		Date	01	25	01	19	14	06	07	01	21	30	29	30	02/25
		Lowest	10120	10012	10093	9921	9933	9967	9971	9929	9988	10040	10120	10080	10080
	Date	18	13	18	16	03	24	16	31	01	05	19	22	04/16	
(0.1)	Air Temp.	Mean	- 5	23	66	131	184	223	262	273	223	161	81	35	138
		Mean Max.	35	70	125	198	248	270	306	322	273	209	135	85	190
		Mean Min.	- 45	- 21	14	81	130	188	229	234	185	121	31	- 13	95
		Highest	127	211	230	259	299	305	347	351	314	295	211	178	351
		Date	03	13	31	30	22	17	29	20	04	04	05	22	08/20
		Lowest	- 156	- 84	- 46	25	81	145	193	153	126	20	- 35	- 70	- 156
	Date	25	02	01	05	08	05	18	29	21	30	29	30	01/25	
(0.1hPa)	Vapor Press.	Mean	45	50	65	104	136	201	261	264	205	142	79	59	134
		Highest	95	175	157	181	205	268	321	324	274	269	155	179	324
		Date	03	13	05	16	15	30	29	04	05	03	19	22	08/04
		Lowest	16	23	23	28	56	141	200	153	117	36	30	24	16
		Date	25	15	10	05	01	25	14	29	21	30	23	11	01/25
(0.1) Mean D.P.Temp.		- 48	- 38	- 1	72	113	175	217	218	177	115	27	- 14	84	
Rel. Humid. (%)	Mean	74	66	65	71	67	76	77	74	77	76	71	72	72	
	Lowest	27	17	14	15	20	36	45	33	34	20	25	24	14	
	Date	05	10	31	05	22	17	28	21	01	30	16	11	03/31	
(0.1mm)	Precip.	00-24h Total	511	406	520	1795	999	420	2207	302	1393	1287	346	569	10755
		09-09h Total													
	Highest	1 Daily	160	245	340	350	210	250	705	185	930	315	105	195	930
		Date	24	12	05	27	10	24	01	15	17	07	18	21	09/17
	6 6 - Hour		60	150	340	370	206	200	665	185	625	340	85	150	665
		Date	24	12	05	07	16	24	02	15	17	08	18	22	07/02
	1 60 - Minute					95	83	80	290	185	165	160			290
		Date				06	15	24	04	15	17	07			07/04
	10 10 - Minute					30	50	30	90	125	50	75			125
		Date				07	15	24	06	15	17	07			08/15
2 2 - Day		220	275	360	525	310		960	90	1110	580	110	275	1110	
	Date	23 - 24	12 - 13	04 - 05	06 - 07	02 - 03		01 - 02	26 - 27	16 - 17	07 - 08	18 - 19	21 - 22	09/16 - 09/17	
3 3 - Day		225	296		415			1900	105	1235	220		300	1900	
	Date	23 - 25	12 - 17		26 - 28			30 - 06	26 - 28	16 - 18	30 - 03		21 - 23	06/30 - 07/06	
(0.1mm)	Evapor.	Small	Total												
			Highest												
	Large	Total													
		Highest													
(0.1%)	Wind	Mean Speed	13	19	18	20	21	17	18	17	17	15	15	16	17
		Highest Speed	72	77	94	106	102	75	77	79	71	93	55	72	106
		Highest Dir.	WNW	S	S	W	S	S	SSW	W	S	S	NW	S	W
		Date	18	13	29	17	03	15	01	31	01	25	22	21	04/17
		Highest Gust Speed	141	128	133	183	162	116	115	142	110	128	94	115	183
		Highest Gust Dir.	NW	NW	S	W	S	SSW	SSW	WSW	SSW	S	NNW	S	W
		Date	18	29	05	17	03	15	01	31	01	25	08	22	04/17
		Resultant Speed	5	7	7	5	8	7	7	9	5	6	6	6	5
		Resultant Dir.	N	WNW	NW	NW	W	W	SW	NW	N	NNE	N	NNW	NW
(0.1)	Cloud Amount	Mean													
		Mean Low Mid.													
Sunshine	Total(0.1hr)	1108	1597	2228	1842	2674	1821	1911	2546	1487	1045	1492	1272	21023	
	Perc.(0.1%)	356	505	599	468	613	417	431	610	400	299	483	419	471	
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
		Total													
(0.1)	Grass Min. Temp.	Mean	- 35	- 58	- 35	51	105	167	219	222	170	113	20	- 23	76
		Lowest	- 113	- 108	- 96	- 25	51	115	189	139	106	16	- 39	- 60	- 113
		Date	12	07	12	01	05	03	18	29	21	30	29	30	01/12
			22	27	73	145	207	272	287	320	256	170	85	35	158
(0.1)	Mean Soil Temp.	Surface													
		0.05m													
		0.1m													
		0.2m													
		0.3m													
		0.5m													
		1.0m													
		1.5m													
		3.0m													
		5.0m													
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	41	28	36	42	39	27	21	43	47	46	37	30	47
		NE	35	25	36	56	27	25	22	43	52	44	40	35	56
		ENE	28	15	32	48	12	31	17	37	68	30	30	30	68
		E	17	21	24	31	25	28	33	26	26	32	17	31	33
		ESE	23	31	30	46	26	24	24	30	49	29	33	32	49
		SE	29	50	29	39	41	38	43	24	49	23	30	50	50
		SSE	34	61	58	54	63	50	71	22	38	54	41	48	71
		S	40	58	85	72	91	67	61	17	71	67	44	61	91
		SSW	34	60	93	69	64	56	73	52	53	72	43	54	93
		SW		34	22	43	29	21	29	23	14	8	19	32	43
		WSW	15	41	26	65	70	29	28	60	22	34	34	60	70
		W	32	68	41	96	73	60	41	74	29	42	37	42	96
		WNW	57	65	59	49	47	48	36	67	42	41	40	52	67
		NW	60	51	55	58	42	45	38	43	39	38	47	57	60
	NNW	58	53	52	46	36	38	34	32	35	43	54	49	58	
	(0.1%)	N	26	37	25	27	28	23	19	27	33	40	29	30	40
	Hourly Occurrence Percentage	CALM	279	193	191	136	129	144	157	187	175	168	185	197	179
		NNE	95	45	47	54	43	24	17	39	93	140	138	99	70
		NE	95	62	50	65	26	18	13	32	97	116	90	81	62
		ENE	35	14	32	38	9	19	15	16	40	44	32	39	28
		E	32	22	23	24	11	14	24	24	38	44	58	36	29
		ESE	56	57	46	44	30	17	15	30	44	40	64	59	42
		SE	34	52	40	47	46	38	51	35	40	23	53	54	43
		SSE	32	37	34	42	65	67	86	44	39	35	32	30	45
		S	38	59	50	50	85	92	133	44	49	35	24	31	57
		SSW	16	23	32	33	38	60	129	40	31	13	18	13	37
		SW		20	7	29	26	14	32	19	13	7	8	5	15
WSW		12	29	19	43	47	28	31	38	18	9	13	12	25	
W		31	47	38	60	74	68	40	52	26	20	21	32	42	
WNW	62	95	138	94	171	146	98	152	118	63	67	105	109		
NW	75	115	164	149	134	174	103	191	96	91	79	79	121		
NNW	71	105	63	67	52	42	43	36	32	79	74	74	61		
(0.1%)	N	36	26	27	25	16	38	11	20	51	71	46	54	35	
Number of Days With Classified	Daily Max. Temp.	0.0	7	2											9
		0.1 ~ 10.0	22	20	8								8	18	76
		10.1 ~ 20.0	2	6	21	14	3					11	19	13	89
		20.1 ~ 30.0		1	2	16	28	29	12	6	26	20	3		143
	Daily Mean Temp.	30.1						1	19	25	4				49
		-5.0	7												7
		-4.9 ~ 0.0	8	10	1									5	24
		0.1 ~ 10.0	16	16	24	1					4	2	20	25	104
	Daily Min. Temp.	10.1 ~ 20.0		3	6	29	25	1				25	10	1	104
		20.1					6	29	31	31	26	4			127
		-15.0	1												1
		-14.9 ~ -5.0	10	6											20
	Daily Precip.	-4.9 ~ 0.0	14	19	14								11	17	75
		0.1 ~ 10.0	6	3	17	25	3						17	10	90
		10.1		1		5	28	30	31	31	30	22	2		180
		0.1mm	14	10	3	12	9	5	13	9	7	12	11	12	117
	60 - Minute Max. Precip.	10.0mm	1	1	2	6	5	2	7	1	4	4	1	1	35
		30.0mm			1	3			2		1	1			8
		80.0mm									1				1
		100.0mm													
	10 - Minute Max. Precip.	1.0mm				11	7	4	9	4	4	8			47
		6.0mm				6	1	2	6	1	1	3			20
		10.0mm							5	1	1	1			8
		20.0mm							2						2
Daily Max. New Snowfall	30.0mm														
	80.0mm														
	100.0mm														
	0.1cm														
Daily Max. Snow Depth	5.0cm														
	10.0cm														
	20.0cm														
	30.0cm														
Daily Min. Rel. Humid.	0.1cm														
	5.0cm														
	10.0cm														
	20.0cm														
Daily Max. Wind speed	30.0cm														
	20%			1	4	2	1				1			9	
	21 ~ 30%	1	1	6	7	8						2	2	27	
	31 ~ 40%	1	13	7	8	9	4		3	5	6	7	4	67	
Daily Max. Wind speed	41 ~ 50%	10	9	6	3	4	4	6	12	9	5	14	10	92	
	51 ~ 70%	17	5	7	7	9	21	20	15	12	16	6	13	148	
	71%	1												1	
	0.5 ~ 3.3%	2		1	3		1	5	1	4	3	1	2	23	
Daily Max. Wind speed	3.4 ~ 7.9%	15	6	1		1	4	3	3	7	14	12	9	75	
	8.0 ~ 13.8%	15	23	28	28	27	26	28	28	23	16	18	22	282	
	13.9%			2	2	3					1			8	

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow														
	Sleet														
	Snow Pellet														
	Hail														
	Fog														
	Frost														
	Freezing														
	Haze														
	Yellow Sand														
	Thunder Storm														
Sunshine (0%)	5	3	3	3	1	3	4	2	5	6	5	4	44		
< 20%	10	8	5	9	4	9	11	3	9	15	9	11	103		
80%	0	10	9	5	10	3	4	8	3	4	6	6	68		
Cloud Amount	2.4														
2.5 ~ 5.4															
5.5 ~ 7.4															
7.5															
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10255	10258	10235	10153	10104	10107	10091	10089	10084	10161	10237	10243	
		2nd	10228	10210	10217	10148	10159	10062	10056	10056	10144	10210	10204	10257	
		3rd	10288	10294	10216	10120	10108	10077	10094	10040	10166	10199	10261	10261	
	Mean Temp. (0.1)	1st	31	-2	61	119	170	211	250	285	241	187	93	44	
		2nd	-11	52	59	130	177	225	250	286	219	158	109	37	
		3rd	-33	20	77	145	201	235	285	251	210	140	42	24	
	Mean Max.Temp. (0.1)	1st	72	48	110	193	234	262	286	335	294	232	149	100	
		2nd	29	96	116	192	246	272	292	338	264	218	166	87	
		3rd	6	65	145	210	262	276	337	296	261	180	90	71	
	Mean Min.Temp. (0.1)	1st	-7	-52	18	64	115	174	223	248	201	150	42	-11	
		2nd	-46	5	6	83	121	189	216	244	186	112	53	-12	
		3rd	-79	-15	17	95	152	202	245	213	170	104	-2	-16	
	Mean D.P.Temp. (0.1)	1st	-21	-66	2	54	96	157	216	233	190	143	36	-10	
		2nd	-51	-6	-11	81	111	180	204	230	176	117	56	-13	
		3rd	-71	-42	5	81	130	187	229	193	165	87	-12	-18	
	Mean Vapor Press (0.1hPa)	1st	54	38	69	93	123	179	258	286	221	171	84	59	
		2nd	43	66	60	110	134	207	241	281	204	139	95	59	
		3rd	38	47	65	110	151	217	280	229	190	118	58	58	
	Mean Rel. Humid. (%)	1st	70	64	68	68	65	73	82	75	75	78	69	70	
		2nd	75	68	64	74	68	77	73	78	79	72	71	71	
3rd		76	65	63	69	67	76	73	72	77	72	70	74		
Mean Wind Speed (0.1m/s)	1st	12	13	20	18	28	16	20	14	19	19	16	16		
	2nd	16	27	16	22	20	18	16	14	19	10	14	14		
	3rd	10	19	18	21	16	18	19	22	12	17	14	19		
Total Precip. (0.1mm)	1st	5		360	550	520	30	1890	3	1	940	150	121		
	2nd	226	296	160	530	246	130	286	185	1237	245	135	56		
	3rd	280	110		715	233	260	31	114	155	102	61	392		
Total Evaporation (0.1mm)	1st														
	2nd														
	3rd														
Total Sunshine (0.1hr)	1st	401	819	525	629	672	759	296	850	640	436	632	529		
	2nd	361	403	723	556	1059	550	532	962	413	438	461	337		
	3rd	346	375	980	657	943	512	1083	734	434	171	399	406		
Mean Cloud Amount (0.1)	1st														
	2nd														
	3rd														
First and Last of Seasonal Phenomena	Genesis	Max. Temp. 30						17			13			89(50)	
		Max. Temp. 25				22					15			177(135)	
		Mean Temp. 25							30			05			68(50)
		Min. Temp. 25								05	20				47(10)
	Continue	Max. Temp. 30							19	25					38
		Max. Temp. 25							04		15				74
		Mean Temp. 25							19	25					38
		Min. Temp. 25							28-30						3
	'15.7-'16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0							19	15					28(9)
Mean Temp. < 0								17		01				76(31)	
Min. Temp. < 0						27				28				123(81)	
Frost															
Continue	Freezing														
	Snow														
	Snow Cover														
	Max. Temp. < 0							19-25						7	
	Mean Temp. < 0							18-28						11	
	Min. Temp. < 0								14-26					13	
Frost															
Freezing															
Snow															
Snow Cover															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	9944	9943	9917	9847	9836	9799	9804	9783	9847	9898	9932	9946	9875
		Mean Sea Level	10258	10254	10221	10139	10123	10080	10081	10059	10131	10190	10235	10255	10169
		Highest	10355	10375	10320	10249	10248	10143	10155	10119	10227	10324	10352	10366	10375
		Date	01	25	01	20	14	06	06	01	21	30	29	30	02/25
		Lowest	10116	10019	10084	9917	9932	9962	9996	9924	9998	10015	10123	10075	9917
		18	13	18	17	03	24	14	31	01	05	19	22	04/17	
(0.1)	Air Temp.	Mean	-26	-1	55	132	176	216	253	260	209	150	65	13	125
		Mean Max.	31	62	134	211	253	273	306	326	267	209	136	81	191
		Mean Min.	-75	-56	-17	62	103	168	213	211	166	105	3	-45	70
		Highest	147	189	219	276	304	310	351	363	320	291	208	167	363
		Date	03	13	30	26	18	23	30	21	04	04	05	22	08/21
		Lowest	-206	-125	-118	1	42	125	176	140	90	17	-58	-117	-206
		25	07	01	01	17	02	18	30	21	30	29	30	01/25	
(0.1hPa)	Vapor Press.	Mean	39	44	56	94	123	187	250	237	194	134	72	52	124
		Highest	87	156	150	181	200	244	302	319	272	256	160	173	319
		Date	03	13	05	16	24	20	29	05	05	03	19	22	08/05
		Lowest	10	16	15	28	42	85	177	112	107	24	19	15	10
		Date	25	10	16	05	19	05	15	29	20	30	23	11	01/25
(0.1) Mean D.P.Temp.		-70	-59	-24	54	96	162	210	200	168	106	11	-33	68	
Rel. Humid. (%)	Mean	75	68	63	66	66	74	79	73	80	78	72	75	72	
	Lowest	15	13	8	12	8	25	40	25	35	16	15	14	8	
	Date	12	10	16	24	19	05	15	25	24	30	16	11	05/19	
(0.1mm)	Precip.	00-24h Total	361	424	611	1861	1088	672	2717	900	2345	1522	233	531	13265
		09-09h Total													
	Highest	1 Daily	100	145	435	440	305	300	650	470	1125	610	60	175	1125
		Date	24	12	05	16	03	24	02	07	17	05	26	22	09/17
	6 6 - Hour		110	72	370	360	210	263	565	470	640	440	55	135	640
		Date	24	28	05	16	24	24	02	07	17	05	26	22	09/17
	1 60 - Minute					100	90	165	350	425	425	115			425
		Date				06	15	15	02	07	10	08			09/10
	10 10 - Minute					30	55	130	140	150	155	35			155
		Date				16	15	15	02	07	10	08			09/10
2 2 - Day		125	230	520	565	375	171	1085	190	1280	345	45	280	1280	
	Date	23 - 24	12 - 13	04 - 05	16 - 17	02 - 03	15 - 16	01 - 02	26 - 27	16 - 17	07 - 08	18 - 19	21 - 22	09/16 - 09/17	
3 3 - Day		110	260		570		82	2471	220	1395	355	46	295	2471	
	Date	17 - 19	12 - 14		16 - 18		19 - 22	29 - 08	26 - 28	16 - 18	26 - 03	18 - 20	21 - 23	06/29 - 07/08	
(0.1mm)	Evapor.	Total Highest													
		Small Date													
(0.1mm)	Large	Total Highest													
		Large Date													
(0.1%)	Wind	Mean Speed	11	16	14	16	16	14	14	13	10	12	12	12	13
		Highest Speed	59	75	71	94	70	57	67	83	58	69	50	66	94
		Highest Dir.	NW	WNW	SSW	W	SSW	WNW	S	WSW	SSW	N	W	SW	W
		Date	18	14	05	17	02	24	01	31	01	05	03	22	04/17
		Highest Gust Speed	126	134	124	189	134	103	131	157	97	133	99	116	189
		Highest Gust Dir.	NNW	WNW	SSW	W	SW	SSW	E	WSW	S	N	NW	SW	W
		Date	18	28	05	17	02	15	08	31	01	05	01	22	04/17
		Resultant Speed	8	8	7	5	6	6	7	4	1	2	6	7	4
	Resultant Dir.	NW	WNW	WNW	WSW	WSW	SW	SSW	WNW	WSW	NNW	NW	NW	WNW	
(0.1)	Cloud Amount	Mean													
		Mean Low Mid.													
Sunshine	Total(0.1hr)	1233	1631	2170	1911	2549	1475	1690	2169	1119	972	1475	1265	19659	
	Perc.(0.1%)	396	516	584	486	585	338	381	520	301	278	477	416	441	
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
		Total													
(0.1)	Grass Min. Temp.	Mean	-69	-74	-34	41	98	158	218	213	150	81	-34	-89	55
		Lowest	-145	-149	-158	-12	12	102	188	114	69	-16	-111	-166	-166
		Date	22	02	01	01	05	02	18	30	21	30	29	30	12/30
(0.1)	Mean Soil Temp.	Surface	2	10	67	145	198	245	280	294	229	158	65	15	142
		0.05m													
		0.1m													
		0.2m													
		0.3m													
		0.5m													
		1.0m													
		1.5m													
		3.0m													
		5.0m													
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	29	29	30	22	19	15	22	18	24	17	39	28	39	
		NE	14	15	39	25	16	16	15	21	23	16	18	13	39	
		ENE	10	26	19	29	18	16	13	29	38	14	12	18	38	
		E	17	23	15	32	16	33	20	37	21	25	22	23	37	
		ESE	15	22	34	39	36	34	41	24	18	41	31	25	41	
		SE	31	36	38	38	37	31	34	28	44	33	36	36	44	
		SSE	34	37	43	45	47	31	34	36	32	38	41	32	47	
		S	8	41	61	56	58	43	64	27	43	29	34	34	64	
		SSW	20	51	58	56	57	41	57	23	52	26	40	44	58	
		SW	18	39	44	77	39	39	37	28	21	18	35	39	77	
		WSW	18	35	42	37	42	28	36	28	19	26	23	15	42	
		W	40	52	47	72	57	49	38	76	40	28	46	43	76	
		WNW	38	65	55	81	56	56	27	58	26	33	36	50	81	
		NW	47	49	40	36	41	29	25	35	27	31	38	48	49	
	NNW	33	37	37	22	33	22	20	33	22	43	30	35	43		
	(0.1%)	N	31	37	42	38	39	15	34	36	26	62	37	33	62	
	Hourly Occurrence Percentage	CALM	323	234	249	182	200	183	187	247	318	250	307	328	251	
		NNE	60	13	17	26	16	10	17	34	35	28	33	32	27	
		NE	15	23	31	26	13	22	13	27	29	26	17	12	21	
		ENE	5	10	12	13	9	8	11	20	35	39	18	11	16	
		E	7	10	7	21	15	14	16	26	29	22	17	15	16	
		ESE	7	11	17	25	26	32	22	34	28	58	26	12	25	
		SE	19	42	27	49	27	58	48	30	39	48	26	34	37	
		SSE	4	50	35	63	48	89	108	48	53	54	19	30	50	
		S	3	19	30	58	86	89	102	35	42	51	22	15	46	
		SSW	11	39	28	56	83	81	101	52	53	34	18	20	48	
		SW	26	43	48	64	52	69	91	51	54	24	46	46	51	
		WSW	32	49	50	71	51	46	66	54	46	34	42	34	48	
W		68	65	86	74	101	99	83	89	61	38	39	48	71		
WNW		70	112	99	111	109	101	54	83	56	48	50	91	82		
NW	168	194	134	78	78	49	40	82	40	117	185	174	111			
NNW	115	57	85	40	39	22	17	46	28	67	88	62	56			
(0.1%)	N	67	29	44	44	46	28	23	43	56	63	47	38	44		
Number of Days With Classified	Daily Max. Temp.	0.0	8	3											11	
		0.1 ~ 10.0	20	20	8								6	22	76	
		10.1 ~ 20.0	3	6	21	12	3	1				1	13	23	8	91
		20.1 ~ 30.0			2	18	27	24	10	6	24	18	1			130
	Daily Mean Temp.	30.1					1	5	21	25	5				57	
		-5.0	7	3											10	
		-4.9 ~ 0.0	16	14	3								2	13	48	
		0.1 ~ 10.0	8	10	24	2						3	21	18	86	
	Daily Min. Temp.	10.1 ~ 20.0		2	4	28	28	2		3	11	25	7		110	
		20.1					3	28	31	28	19	3			112	
		-15.0	4												4	
		-14.9 ~ -5.0	14	18	6									2	17	
	Daily Precip.	-4.9 ~ 0.0	12	9	14								13	8	56	
		0.1 ~ 10.0	1	2	11	25	13				1	11	14	6	84	
		10.1				5	18	30	31	31	29	20	1		165	
		0.1mm	9	9	5	14	9	13	14	8	15	15	11	10	132	
	60 - Minute Max. Precip.	10.0mm	1	1	1	7	4	2	9	3	6	4		3	41	
		30.0mm			1	2	1	1	4	1	2	2			14	
		80.0mm									1				1	
		100.0mm									1				1	
	10 - Minute Max. Precip.	1.0mm				10	7	6	13	6	12	10			64	
		6.0mm				3	3	3	9	3	3	3			27	
		10.0mm				1		1	7	2	2	2			15	
		20.0mm							2	1	2				5	
Daily Max. New Snowfall	30.0mm							1	1	1				3		
	0.1mm													1		
	1.0mm													1		
	6.0mm													1		
Daily Max. Snow Depth	10.0mm				14	9	13	14	8	15	15			88		
	5.0mm				8	7	5	12	4	8	7			51		
	1.0mm					1	1	6	2	2				12		
	10.0mm						1	3	2	1				7		
Daily Min. Rel. Humid.	0.1cm													1		
	5.0cm													1		
	10.0cm													2		
	30.0cm													6		
Daily Max. Wind speed	20%	1	2	9	13	9					1	1	2	38		
	21 ~ 30%	2	7	12	6	8	4		5		1	6	6	57		
	31 ~ 40%	7	10	6	3	6	6	2	7	9	8	8	7	79		
	41 ~ 50%	6	5	1	1	3	7	11	14	7	7	8	4	74		
Daily Max. Wind speed	51 ~ 70%	13	4	1	4	4	12	14	4	10	12	6	8	92		
	71%	2	1	2	3	1	1	4	1	4	2	1	4	26		
	0.5 ~ 3.3%	14	6	5	6	10	8	7	16	22	19	12	15	140		
	3.4 ~ 7.9%	17	23	26	23	21	22	24	14	8	12	18	16	224		
Daily Max. Wind speed	8.0 ~ 13.8%				1									2		
	13.9%															

Element		1	2	3	4	5	6	7	8	9	10	11	12	
Number of Days With Phenomena	Snow													
	Sleet													
	Snow Pellet													
	Hail													
	Fog													
	Frost													
	Freezing													
	Haze													
	Yellow Sand													
	Thunder Storm													
Sunshine (0%)	3	2	4	3	3	1	5	1	6	6	3	6	43	
< 20%	7	7	5	11	4	13	9	5	14	16	9	11	111	
80%	0	8	10	6	11	3	0	1	0	3	4	5	51	
Cloud Amount	2.4													
2.5 ~ 5.4														
5.5 ~ 7.4														
7.5														
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10256	10259	10235	10151	10105	10104	10092	10089	10084	10159	10238	10244
		2nd	10228	10212	10214	10149	10158	10060	10055	10054	10144	10211	10207	10260
		3rd	10287	10294	10214	10117	10107	10077	10096	10038	10165	10198	10261	10262
	Mean Temp. (0.1)	1st	7	-30	47	119	159	205	243	272	225	177	74	20
		2nd	-36	29	48	128	172	222	243	278	205	147	93	14
		3rd	-49	-1	67	148	194	223	273	234	198	128	27	6
	Mean Max.Temp. (0.1)	1st	68	42	111	207	232	264	291	341	289	231	147	92
		2nd	19	86	129	201	257	279	293	348	254	221	168	83
		3rd	8	58	159	225	270	275	332	292	257	178	93	70
	Mean Min.Temp. (0.1)	1st	-40	-95	-10	44	90	149	213	224	181	131	13	-44
		2nd	-83	-24	-24	63	92	176	201	225	165	97	21	-46
		3rd	-99	-50	-17	79	124	179	225	186	151	89	-25	-47
	Mean D.P.Temp. (0.1)	1st	-44	-92	-15	35	85	141	214	219	180	139	18	-32
		2nd	-76	-23	-30	58	89	168	198	214	167	109	43	-34
		3rd	-88	-64	-26	69	112	177	218	170	157	74	-28	-33
	Mean Vapor Press (0.1hPa)	1st	45	31	63	83	115	163	255	263	207	166	74	51
		2nd	36	59	54	96	117	193	232	256	192	132	89	52
		3rd	35	40	52	104	135	204	262	198	182	108	54	53
	Mean Rel. Humid. (%)	1st	71	66	68	64	67	71	85	76	78	80	71	72
		2nd	76	72	63	68	66	75	78	72	81	82	75	74
3rd		76	65	58	67	65	77	74	71	80	72	70	78	
Mean Wind Speed (0.1m/s)	1st	10	14	16	13	22	12	15	11	12	14	14	12	
	2nd	13	19	13	20	14	15	13	11	8	7	10	10	
	3rd	10	16	14	14	13	15	15	16	9	14	12	15	
Total Precip. (0.1mm)	1st			531	515	605	98	2455	645	660	1055	62	60	
	2nd	130	282	80	717	242	247	232	0	1430	335	71	56	
	3rd	231	142		629	241	327	30	255	255	132	100	415	
Total Evaporation (0.1mm)	1st													
	2nd													
	3rd													
Total Sunshine (0.1hr)	1st	453	809	555	625	644	549	270	707	415	370	595	471	
	2nd	351	422	666	630	944	534	510	846	322	405	450	394	
	3rd	429	400	949	656	961	392	910	616	382	197	430	400	
Mean Cloud Amount (0.1)	1st													
	2nd													
	3rd													
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 30					18				27			
		Max. Temp. < 25				22					20			
		Mean Temp. < 25							05		04			
		Min. Temp. < 25												
	Continue	Max. Temp. < 30							19	25				
		Max. Temp. < 25							04	27				
		Mean Temp. < 25							19	25				
		Min. Temp. < 25												
	'15.7-'16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6
	Genesis	Max. Temp. < 0							13	29				
Mean Temp. < 0						26				11				
Min. Temp. < 0					31					28				
Frost														
Continue	Freezing													
	Snow													
	Snow Cover													
	Max. Temp. < 0							19 - 25					7	
	Mean Temp. < 0							18 - 28					11	
	Min. Temp. < 0							25	28				35	
Frost														
Freezing														
Snow														
Snow Cover														

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10200	10196	10166	10086	10070	10030	10030	10010	10079	10136	10145	10164	10109
		Mean Sea Level	10257	10252	10221	10139	10122	10081	10080	10061	10130	10189	10229	10251	10168
		Highest	10346	10371	10311	10251	10238	10142	10154	10118	10218	10325	10349	10353	10371
		Date	01	25	01	19	14	06	07	01	21	30	29	30	02/25
		Lowest	10120	10014	10085	9923	9930	9962	9977	9934	9992	10030	10115	10075	9923
		18	13	18	17	03	24	16	31	01	05	19	22	04/17	
(0.1)	Air Temp.	Mean	- 4	26	74	142	193	230	271	276	227	165	80	31	143
		Mean Max.	37	73	139	215	263	284	318	331	278	214	132	83	197
		Mean Min.	- 41	- 19	20	85	132	189	234	234	189	126	30	- 15	97
		Highest	148	212	225	264	312	320	362	364	322	304	210	184	364
		Date	03	13	31	26	21	18	29	11	01	04	06	22	08/11
		Lowest	- 147	- 90	- 59	45	82	147	193	154	127	21	- 27	- 76	- 147
		25	02	01	05	08	05	18	29	21	30	29	30	01/25	
(0.1hPa)	Vapor Press.	Mean	50	53	69	107	136	208	266	264	208	148	79	58	137
		Highest	115	209	190	218	218	277	330	342	281	272	168	190	342
		Date	03	13	18	13	15	12	29	15	05	03	19	22	08/15
		Lowest	16	23	24	30	52	129	197	147	116	31	29	22	16
		Date	23	02	12	05	07	05	16	31	21	30	23	28	01/23
(0.1) Mean D.P.Temp.		- 36	- 35	3	74	112	180	220	218	179	121	25	- 18	87	
Rel. Humid. (%)	Mean	82	67	65	69	64	76	76	73	77	77	70	71	72	
	Lowest	29	28	17	15	15	31	45	34	33	16	28	27	15	
	Date	05	08	16	12	21	18	27	21	21	30	16	11	05/21	
(0.1mm)	Precip.	00~24h Total	602	330	771	1913	1129	517	2051	1158	1954	1500	390	480	12795
		09~09h Total													
	Highest	1 Daily	120	130	565	445	285	300	555	405	1255	545	93	133	1255
		Date	24	12	05	27	24	24	01	23	17	05	18	26	09/17
	6 6 - Hour	Date	17	28	05	07	16	24	02	15	17	05	18	22	09/17
		1 60 - Minute				160	115	85	335	335	225	125			335
	Date				06	15	24	01	15	17	05			08/15	
	10 10 - Minute	Date				06	15	24	06	15	04	08			08/15
		2 2 - Day	195	180	580	660	330	18	970	420	1455	546	106	227	1455
	Date	23 - 24	12 - 13	04 - 05	06 - 07	15 - 16	06 - 07	01 - 02	23 - 24	16 - 17	04 - 05	10 - 11	21 - 22	09/16 - 09/17	
3 3 - Day	Date	212	205		505			1824	145	1601	819		242	1824	
	Date	17 - 20	11 - 17		26 - 28			29 - 07	26 - 28	16 - 19	26 - 05		21 - 23	06/29 - 07/07	
(0.1mm)	Evapor.	Total Highest													
		Small Date													
(0.1mm)	Large	Total Highest													
		Date													
(0.1%)	Wind	Mean Speed	11	17	15	15	17	14	15	15	12	10	15	16	14
		Highest Speed	57	66	54	92	88	61	48	80	51	43	67	123	123
		Highest Dir.	WNW	WSW	W	WSW	WSW	WSW	SW	WSW	SW	WSW	SSE	WSW	WSW
		Date	18	16	23	17	03	25	02	31	01	25	05	22	12/22
		Highest Gust Speed	127	118	122	166	154	108	117	150	100	99	97	184	184
		Highest Gust Dir.	W	ESE	ESE	WSW	WSW	W	SE	WNW	SW	NW	N	WSW	WSW
		Date	18	12	05	17	03	25	16	31	01	09	22	22	12/22
		Resultant Speed	4	4	3	3	2	2	5	2	4	4	7	7	2
Resultant Dir.	N	WNW	NW	WNW	SSW	WSW	SSW	N	NE	NNE	N	N	NNW		
(0.1)	Cloud Amount	Mean													
		Mean Low Mid.													
Sunshine	Total(0.1hr)	443	1872	2471	2050	2822	1984	2323	2644	1661	1224	1607	1387	22488	
	Perc.(0.1%)	142	592	665	521	648	455	524	633	447	350	519	456	504	
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall Total													
(0.1)	Grass Min. Temp.	Mean	- 41	- 55	- 16	41	88	156	211	216	174	103	33	- 12	75
		Lowest	- 105	- 129	- 121	- 100	15	116	166	137	99	- 17	- 32	- 84	- 129
		Date	12	02	01	04	08	02	18	29	21	30	23	30	02/02
			22	36	93	168	226	262	303	310	242	179	92	36	164
(0.1)	Mean Soil Temp.	Surface													
		0.05m Underground													
		0.1m "													
		0.2m "													
		0.3m "													
		0.5m "													
		1.0m "													
		1.5m "													
		3.0m "													
		5.0m "													
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	29	24	31	35	29	34	24	27	27	33	47	32	47
		NE	25	18	18	36	22	21	20	24	37	33	27	28	37
		ENE	13	13	27	36	27	27	19	21	28	16	28	24	36
		E	14	34	19	35	32	27	22	14	18	16	26	22	35
		ESE	27	47	35	42	43	32	31	25	29	24	32	22	47
		SE	25	40	40	38	54	28	31	21	33	39	14	28	54
		SSE	10	27	26	27	46	34	33	16	29	27	61	51	61
		S	9	22	25	35	31	20	29	16	24	32	39	45	45
		SSW	9	33	26	36	33	37	45	24	37	22	39	84	84
		SW	10	47	47	87	46	35	42	34	41	24	28	85	87
		WSW	38	58	46	80	79	59	45	73	28	33	39	85	85
		W	43	52	42	60	51	52	33	55	28	22	30	50	60
		WNW	51	51	46	43	34	30	32	43	30	37	35	38	51
		NW	31	50	38	27	33	22	21	32	26	30	55	48	55
		NNW	27	39	29	22	29	33	32	31	40	30	56	69	69
	(0.1%)	N	30	27	36	30	31	29	27	31	24	31	54	86	86
	Hourly Occurrence Percentage	CALM	278	148	172	136	105	118	91	67	147	270	232	215	165
		NNE	81	40	56	110	67	65	38	74	96	83	76	99	74
		NE	32	7	23	43	22	40	31	47	53	43	89	94	44
		ENE	21	11	16	25	23	15	16	23	26	17	39	75	26
		E	26	32	35	29	19	24	31	27	35	26	36	64	32
		ESE	133	167	152	108	163	118	113	206	182	118	18	13	124
		SE	51	88	78	58	124	108	145	130	89	65	11	11	80
		SSE	11	23	20	22	43	28	51	16	15	11	50	9	25
		S	5	13	13	13	17	19	44	5	14	7	42	17	18
		SSW	5	19	13	19	17	39	83	13	19	16	24	59	27
		SW	8	42	24	44	55	65	113	22	13	8	13	32	37
WSW		24	40	34	83	69	86	70	56	18	7	11	32	44	
W		38	47	81	93	58	83	44	42	26	13	15	34	48	
WNW		67	125	91	58	56	51	20	34	35	43	21	23	52	
NW		38	60	60	31	32	18	17	62	44	62	61	31	43	
NNW	71	70	54	33	54	47	31	79	63	78	135	77	66		
(0.1%)	N	111	68	77	93	77	74	60	97	125	133	128	114	96	
Number of Days With Classified	Daily Max. Temp.	0.0	7	1											8
		0.1 ~ 10.0	22	21	7								8	18	76
		10.1 ~ 20.0	2	6	22	13	1					10	18	12	84
	Daily Mean Temp.	20.1 ~ 30.0		1	2	17	24	20	9	6	22	20	4		125
		30.1					6	10	22	25	8	1			72
		-5.0	7												7
	Daily Min. Temp.	-4.9 ~ 0.0	8	10	1									7	26
		0.1 ~ 10.0	16	16	23						1	19	23		98
		10.1 ~ 20.0		3	7	30	18	1			4	26	11	1	101
	Daily Min. Temp.	20.1					13	29	31	31	26	4			134
		-15.0													
		-14.9 ~ -5.0	8	7	1									3	19
	Daily Precip.	-4.9 ~ 0.0	17	17	8								11	18	71
		0.1 ~ 10.0	6	4	21	24	6					7	15	10	93
		10.1		1	1	6	25	30	31	31	30	24	4	10	183
	60 - Minute Max. Precip.	0.1mm	13	10	5	14	10	10	13	11	14	14	10	14	138
		10.0mm	1	1	2	6	4	1	6	2	5	3		2	33
		30.0mm			1	3		1	3	2	1	1			12
		80.0mm									1				1
		100.0mm									1				1
	10 - Minute Max. Precip.	1.0mm				9	7	6	12	9	8	10			61
		6.0mm				5	2	1	5	3	2	2			20
		10.0mm				1	1		4	2	2	1			11
		20.0mm							3	2	1				6
		30.0mm							2	2					4
	Daily Max. New Snowfall	0.1cm				14	10	10	13	11	14	14			86
		5.0cm				6	7	4	9	6	5	9			46
10.0cm						1		4	4	2				11	
Daily Max. Snow Depth	10.0mm							2	2					4	
	30.0cm														
	0.1cm														
Daily Min. Rel. Humid.	5.0cm														
	10.0cm														
	20.0cm														
	30.0cm														
	20%			4	4	5					1			14	
Daily Max. Wind speed	21 ~ 30%	1	4	7	10	8						3	4	37	
	31 ~ 40%	4	12	12	7	6				5	5	5	3	71	
	41 ~ 50%	10	9	4	1	7	7	13	14	8	8	10	9	100	
	51 ~ 70%	14	4	3	4	4	16	14	10	12	15	11	13	120	
	71%	2		1	4	1	1	4	1	5	2	1	2	24	
Daily Max. Wind speed	0.5 ~ 3.3%	22	9	10	12	10	13	14	21	21	25	8	10	175	
	3.4 ~ 7.9%	9	20	21	17	20	17	17	9	9	6	22	18	185	
	8.0 ~ 13.8%				1	1							3	6	
	13.9%								1						

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow														
	Sleet														
	Snow Pellet														
	Hail														
	Fog														
	Frost														
	Freezing														
	Haze														
	Yellow Sand														
	Thunder Storm														
Sunshine (0%)	4	0	3	2	1	1	2	1	6	3	3	5	31		
< 20%	19	6	4	6	4	9	7	3	8	11	9	9	95		
80%	0	11	16	9	13	7	7	10	3	3	7	6	92		
Cloud Amount	2.4														
2.5 ~ 5.4															
5.5 ~ 7.4															
7.5															
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10254	10258	10233	10152	10104	10106	10090	10089	10083	10160	10229	10241	
		2nd	10228	10210	10215	10147	10158	10061	10055	10055	10143	10209	10201	10255	
		3rd	10287	10294	10215	10119	10107	10077	10094	10040	10164	10198	10257	10258	
	Mean Temp. (0.1)	1st	32	-2	67	131	177	216	259	289	245	190	91	41	
		2nd	-9	55	66	142	187	234	256	292	222	163	110	35	
		3rd	-31	24	88	154	213	241	295	251	215	143	39	20	
	Mean Max.Temp. (0.1)	1st	78	49	122	214	241	276	300	344	298	238	145	94	
		2nd	30	100	132	207	266	290	303	351	267	220	164	83	
		3rd	6	71	161	223	280	287	348	301	269	186	88	73	
	Mean Min.Temp. (0.1)	1st	-8	-53	21	71	118	173	227	248	206	153	39	-11	
		2nd	-41	10	13	88	122	191	219	248	186	122	57	-11	
		3rd	-70	-15	26	96	153	202	254	210	175	106	-6	-21	
	Mean D.P.Temp. (0.1)	1st	-13	-68	13	58	96	163	224	234	190	150	34	-16	
		2nd	-38	4	-8	80	110	187	208	228	181	124	57	-17	
		3rd	-54	-43	3	84	129	190	229	194	167	91	-18	-22	
	Mean Vapor Press (0.1hPa)	1st	58	38	78	98	124	187	271	287	220	179	83	57	
		2nd	48	72	64	112	132	217	246	279	210	146	97	59	
		3rd	44	48	65	113	151	221	280	230	193	122	57	57	
	Mean Rel. Humid. (%)	1st	74	64	71	68	64	74	82	74	73	79	70	68	
		2nd	83	73	65	71	65	77	76	71	80	80	72	70	
3rd		87	64	60	68	63	75	69	73	76	73	68	75		
Mean Wind Speed (0.1m/s)	1st	11	15	16	13	21	12	15	14	13	12	18	16		
	2nd	13	21	13	18	16	14	14	15	12	8	13	13		
	3rd	8	16	16	15	14	15	17	18	10	10	15	20		
Total Precip. (0.1mm)	1st	0	0	586	675	506	88	1815	139	190	1056	159	39		
	2nd	307	205	185	493	333	110	225	450	1611	320	144	59		
	3rd	295	125		745	290	319	11	569	153	124	87	382		
Total Evaporation (0.1mm)	1st														
	2nd														
	3rd														
Total Sunshine (0.1hr)	1st	177	851	615	676	708	702	425	805	659	472	687	594		
	2nd	156	539	767	652	1077	669	676	1013	516	491	474	357		
	3rd	110	482	1089	722	1037	613	1222	826	486	261	446	436		
Mean Cloud Amount (0.1)	1st														
	2nd														
	3rd														
First and Last of Seasonal Phenomena	Genesis	Max. Temp. 30					18					04		140(75)	
		Max. Temp. 25			15						15		184(145)		
		Mean Temp. 25						19			05		79(58)		
		Min. Temp. 25							05	20			47(14)		
	Continue	Max. Temp. 30							18	25				39	
		Max. Temp. 25							04	27				55	
		Mean Temp. 25							19	25				38	
		Min. Temp. 25							27-31					5	
	'15.7-'16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0							19	01					14(8)
		Mean Temp. < 0							17		01				76(28)
		Min. Temp. < 0					26				15				111(75)
Frost															
Continue	Max. Temp. < 0							19-25						7	
	Mean Temp. < 0							18-26						9	
	Min. Temp. < 0							30	10					12	
	Frost														
Freezing															
Snow															
Snow Cover															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10085	10084	10054	9980	9967	9928	9931	9909	9977	10030	10069	10086	10008
		Mean Sea Level	10247	10244	10210	10130	10115	10073	10075	10052	10123	10181	10225	10246	10160
		Highest	10343	10367	10310	10239	10235	10136	10149	10110	10212	10315	10338	10349	10367
		Date	01	25	01	19	14	06	06	01	21	30	29	30	02/25
		Lowest	10105	10013	10078	9915	9925	9953	9989	9921	9994	9989	10117	10072	9915
	Date	18	13	18	17	03	24	13	31	01	05	19	22	04/17	
(0.1)	Air Temp.	Mean	- 12	12	69	143	186	223	261	265	218	157	74	22	135
		Mean Max.	38	75	141	213	256	273	309	326	265	206	136	84	194
		Mean Min.	- 53	- 40	3	80	120	178	223	219	180	117	20	- 28	85
		Highest	137	205	223	273	311	309	348	362	312	293	199	184	362
		Date	03	13	30	25	18	23	31	12	03	04	05	22	08/12
		Lowest	- 170	- 100	- 94	38	59	134	184	154	132	32	- 35	- 90	- 170
	Date	25	07	01	01	17	05	18	30	21	30	29	30	01/25	
(0.1hPa)	Vapor Press.	Mean	39	42	56	94	120	186	255	238	196	137	72	51	124
		Highest	82	165	153	189	216	266	315	319	289	277	167	182	319
		Date	03	13	05	16	24	24	06	09	04	03	19	22	08/09
		Lowest	11	16	15	21	41	73	182	114	97	29	20	12	11
	Date	12	07	10	05	16	02	15	31	20	30	23	16	01/12	
(0.1) Mean D.P.Temp.		- 69	- 65	- 25	54	93	161	213	200	169	108	11	- 37	68	
Rel. Humid. (%)	Mean	67	60	57	61	60	71	77	70	76	76	68	68	68	
	Lowest	14	10	10	9	13	22	41	23	34	15	21	16	9	
	Date	12	10	22	05	19	18	28	24	23	30	29	10	04/05	
(0.1mm)	Precip.	00~24h Total	300	485	725	1654	902	797	2866	1227	2166	2105	191	467	13885
		09~09h Total													
	Highest	1 Daily	85	250	325	334	266	415	815	511	1134	638	54	125	1134
		Date	28	12	04	21	24	24	06	08	17	05	26	26	09/17
	6 6 - Hour	Date	24	12	06	07	24	24	06	08	17	16	18	22	07/06
		1 60 - Minute				100	81	130	479	467	230	171			479
		Date				06	16	15	06	08	17	08			07/06
	10 10 - Minute	Date				25	34	72	192	168	142	87			192
		2 2 - Day	150	330	625	575	280	65	1199	810	1247	639	56	235	1247
		Date	28 - 29	12 - 13	04 - 05	06 - 07	15 - 16	20 - 21	05 - 06	07 - 08	16 - 17	04 - 05	18 - 19	21 - 22	09/16 - 09/17
3 3 - Day	Date	65	340		339		114	2409	824	1256	1246		268	2409	
	Date	17 - 19	12 - 14		26 - 28		20 - 22	01 - 06	07 - 09	16 - 18	26 - 05		21 - 23	07/01 - 07/06	
(0.1mm)	Evapor.	Total													
		Highest													
	Small	Date													
	Large	Total													
Highest															
	Date														
(0.1%)	Wind	Mean Speed	14	19	18	21	21	18	16	17	18	17	14	15	17
		Highest Speed	63	101	74	102	84	69	69	108	78	73	57	71	108
		Highest Dir.	ENE	W	SSE	SW	WSW	ENE	W	ENE	ENE	ENE	ENE	WSW	ENE
		Date	29	28	05	17	03	05	06	07	17	23	06	22	08/07
		Highest Gust Speed	105	161	128	178	148	121	113	162	133	144	100	119	178
		Highest Gust Dir.	W	WNW	SSW	WSW	SSE	ENE	W	ENE	NNE	ENE	ENE	WNW	WSW
		Date	23	28	05	17	03	05	06	07	19	05	06	27	04/17
		Resultant Speed	7	7	4	0	4	2	4	3	9	8	6	5	3
	Resultant Dir.	N	NW	NW	NNW	SW	SW	SSW	N	ENE	NE	N	NNW	N	
(0.1)	Cloud Amount	Mean													
		Mean Low Mid.													
Sunshine	Total(0.1hr)	1372	1868	2323	1986	2630	1636	1877	2420	1390	1122	1663	1476	21763	
	Perc.(0.1%)	439	590	625	505	604	375	424	580	374	321	537	484	488	
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
	Date														
	Total														
(0.1)	Grass Min. Temp.	Mean	- 71	- 68	- 23	52	92	160	212	207	170	109	- 4	- 55	65
		Lowest	- 138	- 133	- 123	- 3	18	108	171	129	124	10	- 77	- 124	- 138
		Date	20	29	01	15	05	05	18	30	21	30	29	28	01/20
(0.1)	Mean Soil Temp.	Surface	9	20	84	152	207	245	283	302	243	168	80	27	152
		0.05m													
		0.1m													
		0.2m													
		0.3m													
		0.5m													
		1.0m													
		1.5m													
3.0m															
	5.0m														
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	40	30	30	42	43	30	19	37	28	43	34	22	43	
		NE	44	32	30	69	34	60	32	50	65	63	47	34	69	
		ENE	61	40	35	57	39	64	33	84	68	60	55	45	84	
		E	15	13	30	34	27	23	35	26	52	33	27	26	52	
		ESE	16	10	27	34	18	21	39	24	36	27	15	16	39	
		SE	14	19	26	33	40	40	30	27	30	15	10	16	40	
		SSE	18	14	64	62	55	44	58	22	52	20	23	13	64	
		S	13	47	65	68	64	48	55	26	61	13	27	53	68	
		SSW	21	48	61	61	67	51	58	36	54	35	23	20	67	
		SW	30	67	45	101	66	52	47	63	42	35	32	50	101	
		WSW	28	62	45	90	75	56	42	81	31	25	41	58	90	
		W	38	91	45	61	57	49	35	60	28	30	38	59	91	
		WNW	44	57	41	31	42	26	29	41	27	44	40	59	59	
		NW	34	38	40	31	37	26	25	31	24	31	34	35	40	
	NNW	37	38	43	35	29	22	21	25	22	30	38	36	43		
	(0.1%)	N	43	35	35	34	26	16	27	18	26	29	38	29	43	
	Hourly Occurrence Percentage	CALM	94	47	52	49	30	75	103	59	85	109	144	113	80	
		NNE	85	60	56	58	47	47	39	44	51	51	46	56	53	
		NE	217	236	226	218	188	165	128	220	276	241	192	215	210	
		ENE	74	96	90	118	116	126	105	184	213	181	88	83	123	
		E	13	11	24	32	19	17	27	24	22	32	19	32	23	
		ESE	5	3	15	10	12	15	19	15	10	9	11	9	11	
		SE	5	6	3	18	9	21	20	8	25	11	6	13	12	
		SSE	7	9	12	24	26	29	52	7	8	9	8	8	17	
		S	4	13	23	33	46	40	52	19	19	7	8	16	23	
		SSW	13	14	39	60	74	81	75	34	25	17	19	31	40	
		SW	44	45	74	89	87	82	83	47	47	51	51	38	62	
		WSW	52	73	70	81	114	103	121	81	75	44	88	60	80	
W		59	93	47	61	58	65	71	89	69	34	54	85	65		
WNW		71	144	89	43	67	53	38	56	24	56	56	87	65		
NW	70	76	78	51	55	40	23	47	17	65	103	68	58			
NNW	95	42	60	31	23	24	23	42	17	55	61	42	43			
(0.1%)	N	90	32	42	25	30	17	20	24	17	27	46	43	34		
Number of Days With Classified	Daily Max. Temp.	0.0	6	1											7	
		0.1 ~ 10.0	22	20	7								8	19	76	
		10.1 ~ 20.0	3	7	22	10	2	1				1	15	22	11	94
		20.1 ~ 30.0		1	2	20	28	23	10	6	24	16				130
	Daily Mean Temp.	30.1					1	6	21	25	5				58	
		-5.0	7												7	
		-4.9 ~ 0.0	11	14	2								1	9	37	
		0.1 ~ 10.0	13	13	21							2	21	22	92	
	Daily Min. Temp.	10.1 ~ 20.0		2	8	30	20	2		2	6	26	8		104	
		20.1					11	28	31	29	24	3			126	
		-15.0	1												1	
		-14.9 ~ -5.0	13	15	3										10	
	Daily Precip.	-4.9 ~ 0.0	15	10	13								11	13	62	
		0.1 ~ 10.0	2	4	15	24	7						17	8	86	
		10.1				6	24	30	31	31	30	22	2		176	
		0.1mm	7	8	4	12	10	10	14	10	14	12	9	11	121	
	60 - Minute Max. Precip.	10.0mm		1	2	6	5	3	6	4	6	5		3	41	
		30.0mm			2	2		1	5	1	1	3			15	
		80.0mm							1		1				2	
		100.0mm									1				1	
	10 - Minute Max. Precip.	1.0mm				10	6	5	10	6	12	9			58	
		6.0mm				4	2	2	7	3	3	5			26	
		10.0mm				1		2	5	2	3	3			16	
		20.0mm							4	2	1				7	
Daily Max. New Snowfall	30.0mm							3	1					4		
	10.0mm				12	10	10	14	10	14	12			82		
	5.0mm				8	5	3	10	6	6	6			44		
	10.0mm						2	4	2	3	2			13		
Daily Max. Snow Depth	10.0mm							2	1	1				4		
	0.1cm															
	5.0cm															
	10.0cm															
Daily Min. Rel. Humid.	30.0cm															
	20%	1	5	9	11	10					1		5	42		
	21 ~ 30%	5	12	14	11	8	3			3	3	10	3	72		
	31 ~ 40%	7	5	5		5	9			9	5	4	5	8		
Daily Max. Wind speed	41 ~ 50%	10	3	2	2	3	4	16	15	9	6	8	6	82		
	51 ~ 70%	8	4	2	6	4	13	13	4	10	14	6	7	91		
	71%			1		1	1	2		6	3	1	2	17		
	0.5 ~ 3.3%	15	6	4	2	2	7	5	10	15	14	11	17	108		
Daily Max. Wind speed	3.4 ~ 7.9%	16	22	27	27	28	23	26	19	15	17	19	14	253		
	8.0 ~ 13.8%		1		1	1			2					5		
	13.9%															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow														
	Sleet														
	Snow Pellet														
	Hail														
	Fog														
	Frost														
	Freezing														
	Haze														
	Yellow Sand														
	Thunder Storm														
Sunshine (0%)	3	2	3	4	2	1	5	1	6	5	4	5	41		
< 20%	9	7	5	8	4	11	8	5	11	14	8	9	99		
80%	3	13	13	7	10	3	0	7	3	3	9	8	79		
Cloud Amount	2.4														
2.5 ~ 5.4															
5.5 ~ 7.4															
7.5															
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10247	10248	10225	10141	10098	10096	10085	10082	10077	10150	10229	10235	
		2nd	10217	10204	10203	10141	10150	10053	10049	10046	10135	10202	10197	10250	
		3rd	10275	10285	10204	10109	10098	10071	10089	10030	10157	10190	10250	10251	
	Mean Temp. (0.1)	1st	16	-14	61	133	170	213	253	275	232	183	82	25	
		2nd	-19	40	63	141	182	230	247	283	214	155	104	24	
		3rd	-32	10	83	156	205	228	280	241	207	136	36	18	
	Mean Max.Temp. (0.1)	1st	75	55	119	205	234	264	296	338	286	231	148	92	
		2nd	29	101	136	207	258	280	294	346	254	216	168	85	
		3rd	13	68	165	225	274	276	335	297	255	175	92	77	
	Mean Min.Temp. (0.1)	1st	-26	-73	5	67	105	162	221	231	190	143	24	-30	
		2nd	-59	-8	-2	78	111	185	213	234	181	109	44	-27	
		3rd	-73	-38	6	95	141	187	234	195	168	100	-9	-27	
	Mean D.P.Temp. (0.1)	1st	-47	-100	-15	40	80	135	217	224	183	144	17	-40	
		2nd	-74	-24	-31	53	84	170	202	215	165	110	47	-39	
		3rd	-86	-70	-28	70	111	178	220	164	159	73	-31	-33	
	Mean Vapor Press (0.1hPa)	1st	45	29	64	86	112	157	261	272	213	173	73	48	
		2nd	37	59	54	94	113	196	239	258	191	134	91	51	
		3rd	35	39	52	104	135	205	265	190	185	106	53	54	
	Mean Rel. Humid. (%)	1st	65	56	63	61	61	65	82	77	77	81	67	66	
		2nd	68	66	57	60	58	72	78	70	76	78	72	66	
3rd		68	58	51	63	60	76	72	65	77	68	66	71		
Mean Wind Speed (0.1m/s)	1st	13	18	19	18	27	19	18	14	16	16	17	14		
	2nd	14	21	17	25	20	18	14	15	25	13	12	13		
	3rd	16	18	19	22	17	17	17	23	14	21	14	16		
Total Precip. (0.1mm)	1st			670	725	336	119	2409	827	441	1361	38	30		
	2nd	75	355	55	256	282	209	350	0	1321	606	63	41		
	3rd	225	130		673	284	469	107	400	404	138	90	396		
Total Evaporation (0.1mm)	1st														
	2nd														
	3rd														
Total Sunshine (0.1hr)	1st	517	885	605	609	661	584	343	714	516	414	704	549		
	2nd	426	505	774	728	1002	584	522	962	445	468	476	433		
	3rd	429	478	944	649	967	468	1012	744	429	240	483	494		
Mean Cloud Amount (0.1)	1st														
	2nd														
	3rd														
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 0					18				27			133(58)	
		Max. Temp. < 0				01					06			189(134)	
		Mean Temp. < 0							04		04			63(50)	
		Min. Temp. < 0							25 - 30					6(2)	
	Continue	Max. Temp. < 0							19	25					38
		Max. Temp. < 0							17	27					42
		Mean Temp. < 0							20	25					37
		Min. Temp. < 0							30 - 30						1
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0							19	15					28(7)
Mean Temp. < 0						26				11				107(40)	
Min. Temp. < 0					31					28				150(92)	
Frost															
Continue	Max. Temp. < 0							23 - 25						3	
	Mean Temp. < 0							18 - 27						10	
	Min. Temp. < 0							04 - 28						25	
	Frost														
Freezing															
Snow															
Snow Cover															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	9743	9744	9723	9660	9652	9619	9626	9606	9668	9714	9740	9749	9687
		Mean Sea Level	10253	10249	10216	10135	10119	10076	10078	10057	10130	10189	10234	10252	10166
		Highest	10361	10372	10323	10252	10251	10143	10153	10119	10232	10327	10355	10369	10372
		Date	01	25	01	20	14	06	06	01	21	30	29	30	02/25
		Lowest	10104	10012	10079	9900	9929	9952	9986	9913	9991	10012	10120	10065	9900
		18	13	18	17	03	24	14	31	01	05	05	22	04/17	
(0.1)	Air Temp.	Mean	-30	-6	50	126	168	207	243	245	196	139	54	8	117
		Mean Max.	22	55	126	201	242	260	293	309	252	200	125	75	180
		Mean Min.	-76	-62	-22	55	95	154	200	196	154	93	-9	-51	61
		Highest	155	192	207	263	294	291	330	341	298	280	181	166	341
		Date	03	13	31	25	18	23	30	24	27	04	05	22	08/24
		Lowest	-175	-133	-133	-8	39	100	160	152	75	7	-66	-118	-175
		25	07	01	01	17	02	18	29	21	30	29	30	01/25	
(0.1hPa)	Vapor Press.	Mean	37	42	56	90	118	178	243	231	192	131	70	51	120
		Highest	84	155	143	179	201	249	354	298	274	258	159	170	354
		Date	03	13	05	16	24	24	25	08	05	03	14	22	07/25
		Lowest	12	11	15	32	43	84	175	129	99	29	18	15	11
		24	22	10	24	19	02	15	29	20	30	23	28	02/22	
(0.1) Mean D.P.Temp.		-76	-64	-24	49	89	155	205	195	167	103	7	-37	64	
Rel. Humid. (%)	Mean	73	68	65	67	66	75	82	77	86	82	76	75	74	
	Lowest	19	11	13	11	10	22	46	25	38	17	13	14	10	
	Date	12	22	16	26	19	02	15	24	20	30	16	28	05/19	
(0.1mm)	Precip.	00-24h Total	249	672	631	1959	1018	573	3779	1134	2125	1912	240	566	14858
		09-09h Total													
	Highest	1 Daily	85	240	340	370	320	385	770	469	1160	690	60	175	1160
		Date	28	12	05	16	03	24	01	09	17	05	26	22	09/17
	6 6 - Hour	Date	55	147	240	360	210	338	660	469	600	455	55	140	660
		Date	28	28	06	17	03	24	01	09	17	05	26	22	07/01
	1 60 - Minute	Date				110	75	145	335	280	135	135			335
		Date				16	03	24	05	09	17	03			07/05
	10 10 - Minute	Date				40	30	50	150	115	55	70			150
		Date				17	15	24	06	02	17	03			07/06
2 2 - Day	Date	150	430	510	600	350	60	1455	554	1315	695	70	290	1455	
	Date	28 - 29	12 - 13	04 - 05	16 - 17	02 - 03	20 - 21	01 - 02	08 - 09	16 - 17	04 - 05	18 - 19	21 - 22	07/01 - 07/02	
3 3 - Day	Date	60	440	526	620		69	3366	210	1435	1165	75	320	3366	
	Date	17 - 19	12 - 14	04 - 08	16 - 18		18 - 22	30 - 07	26 - 28	16 - 18	26 - 05	18 - 20	21 - 23	06/30 - 07/07	
(0.1mm)	Evapor.	Total Highest													
		Small Date													
(0.1mm)	Large	Total Highest													
		Large Date													
(0.1%)	Wind	Mean Speed	19	21	17	20	20	16	16	14	12	14	15	16	17
		Highest Speed	78	88	77	120	107	69	74	85	56	76	66	89	120
		Highest Dir.	W	WSW	NNW	SW	WSW	SSW	WSW	WSW	NE	N	N	SSW	SW
		Date	18	13	08	17	03	24	02	31	20	05	22	22	04/17
		Highest Gust Speed	148	148	113	210	176	122	128	178	126	121	99	180	210
		Highest Gust Dir.	NW	NNW	SSW	W	WSW	SSW	S	WSW	SSW	N	NNW	SSW	W
		Date	19	14	29	17	03	24	02	31	01	05	01	22	04/17
		Resultant Speed	12	9	6	6	4	5	7	6	4	7	8	8	5
		N	WNW	NW	W	W	WSW	SSW	NNW	N	N	N	NW	NW	
(0.1)	Cloud Amount	Mean													
		Mean Low Mid.													
Sunshine	Total(0.1hr)	1369	1666	2219	1945	2607	1637	1578	2051	1002	1089	1533	1436	20132	
	Perc.(0.1%)	439	527	597	494	598	375	356	491	269	311	496	472	451	
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
		Total													
(0.1)	Grass Min. Temp.	Mean	-97	-100	-66	17	60	129	188	186	141	73	-46	-96	32
		Lowest	-168	-193	-148	-59	-5	65	140	134	42	-24	-109	-170	-193
		Date	22	07	12	01	08	02	18	29	21	30	29	16	02/07
				2	18	87	147	209	265	282	293	224	164	78	28
(0.1)	Mean Soil Temp.	Surface													
		0.05m													
		0.1m													
		0.2m													
		0.3m													
		0.5m													
		1.0m													
		1.5m													
3.0m															
		5.0m													
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	47	41	42	69	47	22	28	48	54	67	52	40	69	
		NE	47	28	43	68	40	33	36	38	45	52	46	32	68	
		ENE	31	20	27	35	36	37	22	27	31	53	22	11	53	
		E	22	13	20	29	23	40	19	34	17	25	14	13	40	
		ESE	24	12	13	15	25	37	22	36	19	33	20	10	37	
		SE	18	56	49	41	31	29	41	26	19	25	45	23	56	
		SSE	29	40	52	69	45	29	38	34	36	21	31	35	69	
		S	37	50	44	48	59	40	50	42	42	35	32	46	59	
		SSW	37	58	55	85	60	56	56	42	47	44	49	44	85	
		SW	37	50	61	103	72	49	45	71	35	38	37	68	103	
		WSW	50	77	47	73	80	56	57	82	28	35	40	76	82	
		W	62	62	51	54	67	39	39	62	14	18	33	50	67	
		WNW	55	79	54	63	61	41	28	49	23	26	50	57	79	
		NW	62	54	61	61	66	49	38	32	39	49	50	52	66	
	NNW	66	59	48	48	53	37	34	49	34	51	45	48	66		
	(0.1%)	N	56	42	50	50	43	44	37	54	43	57	47	48	57	
	Hourly Occurrence Percentage	CALM	164	155	247	200	163	176	243	309	293	313	335	305	242	
		NNE	103	56	79	54	50	33	16	70	53	79	93	67	63	
		NE	74	27	36	33	48	32	17	63	58	50	44	23	42	
		ENE	26	27	24	25	34	36	30	35	35	38	24	9	28	
		E	20	11	20	22	16	21	12	19	17	19	13	19	17	
		ESE	15	10	9	11	12	14	15	12	15	8	7	5	11	
		SE	11	17	15	15	19	19	24	9	19	17	15	20	17	
		SSE	15	27	30	36	55	39	32	16	10	16	24	12	26	
		S	23	43	40	53	73	57	109	19	39	36	14	39	45	
		SSW	20	114	63	78	75	119	161	19	47	32	47	48	68	
		SW	28	49	44	90	66	99	69	27	43	34	22	40	51	
		WSW	23	34	35	61	46	63	38	54	44	32	26	32	41	
W		36	60	20	38	43	32	30	40	25	30	17	43	34		
WNW		31	83	47	38	30	60	16	39	28	12	19	50	37		
NW	66	70	60	43	60	44	34	42	56	36	56	59	52			
NNW	145	116	103	96	117	82	75	103	81	117	115	123	106			
(0.1%)	N	201	98	125	107	94	74	79	124	138	130	129	105	117		
Number of Days With Classified	Daily Max. Temp.	0.0	8	3										1	12	
		0.1 ~ 10.0	21	21	9								10	22	83	
		10.1 ~ 20.0	2	5	20	17	4	1				2	16	20	7	94
		20.1 ~ 30.0			2	13	27	29	14	7	28	15				135
	Daily Mean Temp.	-5.0	7	5	1										1	14
		-4.9 ~ 0.0	17	12	3								4	14	50	
		0.1 ~ 10.0	7	11	22	3						4	22	16	85	
		10.1 ~ 20.0		1	5	27	30	9		3	18	24	4		121	
	Daily Min. Temp.	20.1					1	21	31	28	12	3			96	
		-15.0	4												4	
		-14.9 ~ -5.0	17	19	8								5	20	69	
		-4.9 ~ 0.0	9	8	13	1							14	6	51	
	Daily Precip.	0.1 ~ 10.0	1	2	10	25	19	1			2	18	11	5	94	
		10.1				4	12	29	31	31	28	13			148	
		0.1mm	9	9	6	13	9	14	16	9	16	14	9	10	134	
		10.0mm		3	3	8	4	1	8	3	5	6		3	44	
	60 - Minute Max. Precip.	30.0mm			1	1	1	1	5	1	2				13	
		80.0mm									1				1	
		100.0mm									1				1	
		1.0mm				11	7	4	12	7	12	10			63	
	10 - Minute Max. Precip.	6.0mm				5	1	1	9	4	3	6			29	
		10.0mm				3		1	6	2	1	2			15	
		20.0mm							4	2					6	
		30.0mm							3						3	
Daily Max. New Snowfall	0.1mm				13	9	14	16	9	16	14			91		
	1.0mm				9	6	3	10	7	7	8			50		
	5.0mm						1	8	3	2	1			15		
	10.0mm							2	2					4		
Daily Max. Snow Depth	0.1cm															
	5.0cm															
	10.0cm															
	20.0cm															
Daily Min. Rel. Humid.	30.0cm															
	0.1cm															
	5.0cm															
	10.0cm															
Daily Max. Wind speed	20%	1	2	7	9	8					1	3	4	35		
	21 ~ 30%	4	6	11	12	11	4		4		5	5	5	67		
	31 ~ 40%	6	11	9	1	5	6		3	1	6	6	6	60		
	41 ~ 50%	7	4	1	2	2	7	6	16	12	4	7	4	72		
Daily Max. Wind speed	51 ~ 70%	12	6		5	4	12	22	7	11	12	8	9	108		
	71%	1		3	1	1	1	3	1	6	3	1	3	24		
	0.5 ~ 3.3%	4		1			5	2	6	14	6	3	8	49		
	3.4 ~ 7.9%	27	26	30	29	30	25	29	24	16	25	27	22	310		
Daily Max. Wind speed	8.0 ~ 13.8%		3		1	1							1	7		
	13.9%								1							

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow														
	Sleet														
	Snow Pellet														
	Hail														
	Fog														
	Frost														
	Freezing														
	Haze														
	Yellow Sand														
	Thunder Storm														
Sunshine (0%)	3	2	3	3	2	2	5	1	7	5	2	4	39		
< 20%	8	8	5	10	4	12	10	6	15	13	8	9	108		
80%	5	9	9	5	10	2	1	2	1	3	8	7	62		
Cloud Amount 2.4															
2.5 ~ 5.4															
5.5 ~ 7.4															
7.5															
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10252	10255	10231	10148	10100	10101	10088	10087	10082	10157	10237	10240	
		2nd	10223	10208	10210	10144	10155	10056	10052	10051	10144	10212	10206	10258	
		3rd	10282	10288	10209	10114	10103	10072	10093	10035	10165	10198	10258	10258	
	Mean Temp. (0.1)	1st	3	-35	43	113	157	193	237	255	212	168	61	17	
		2nd	-40	21	43	124	161	213	231	262	192	134	83	7	
		3rd	-51	-4	63	140	185	215	259	220	184	116	18	0	
	Mean Max.Temp. (0.1)	1st	61	36	104	196	222	249	283	321	270	222	132	88	
		2nd	12	81	121	196	243	268	281	331	242	213	161	76	
		3rd	-3	48	149	211	259	264	314	277	245	167	80	63	
	Mean Min.Temp. (0.1)	1st	-41	-99	-21	39	89	135	203	210	171	123	-3	-49	
		2nd	-83	-34	-26	55	83	157	188	210	154	83	11	-52	
		3rd	-101	-53	-19	72	112	169	210	172	136	75	-34	-53	
	Mean D.P.Temp. (0.1)	1st	-50	-96	-17	38	77	135	207	213	181	137	14	-41	
		2nd	-85	-29	-29	47	79	159	193	211	163	100	38	-34	
		3rd	-92	-68	-26	62	108	170	215	165	156	75	-31	-36	
	Mean Vapor Press (0.1hPa)	1st	43	30	62	84	110	157	244	254	209	164	72	48	
		2nd	34	56	55	89	110	183	225	251	188	125	86	53	
		3rd	34	39	52	98	132	196	258	191	180	107	53	52	
	Mean Rel. Humid. (%)	1st	69	66	69	68	64	73	84	80	85	85	75	69	
		2nd	73	72	66	65	66	75	81	77	86	84	79	77	
3rd		75	65	59	67	67	78	79	75	86	78	74	79		
Mean Wind Speed (0.1m/s)	1st	18	19	19	16	26	12	19	10	11	17	17	17		
	2nd	21	23	16	24	19	18	13	11	14	9	12	13		
	3rd	18	23	17	19	15	17	16	20	9	15	16	19		
Total Precip. (0.1mm)	1st	0		526	640	595	90	3365	814	405	1315	60	70		
	2nd	62	455	105	775	220	68	264	5	1490	382	90	46		
	3rd	187	217		544	203	415	150	315	230	215	90	450		
Total Evaporation (0.1mm)	1st														
	2nd														
	3rd														
Total Sunshine (0.1hr)	1st	579	817	585	616	636	551	268	632	340	405	606	533		
	2nd	354	427	680	693	1001	689	421	841	329	427	477	466		
	3rd	436	422	954	636	970	397	889	578	333	257	450	437		
Mean Cloud Amount (0.1)	1st														
	2nd														
	3rd														
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 30							07	25				50(41)	
		Max. Temp. < 25				25						04		163(112)	
		Mean Temp. < 25							05	24				51(31)	
		Min. Temp. < 25												(0)	
	Continue	Max. Temp. < 30								04 - 25				22	
		Max. Temp. < 25							17	25				40	
		Mean Temp. < 25								04 - 24				21	
		Min. Temp. < 25													
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0							17	29				75(12)	
Mean Temp. < 0										12			108(57)		
Min. Temp. < 0					30						01		155(112)		
Frost															
Continue	Freezing														
	Snow														
	Snow Cover														
	Max. Temp. < 0							19 - 25					7		
Mean Temp. < 0							18 - 28					11			
Min. Temp. < 0							24	28				36			
Frost															
Freezing															
Snow															
Snow Cover															

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Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10190	10191	10159	10084	10069	10029	10032	10007	10074	10128	10170	10189	10110
		Mean Sea Level	10247	10248	10215	10137	10122	10081	10083	10057	10125	10181	10225	10245	10164
		Highest	10346	10371	10306	10243	10236	10139	10154	10116	10214	10303	10334	10342	10371
		Date	01	25	01	19	14	18	06	01	21	30	29	30	02/25
		Lowest	10111	10029	10079	9956	9951	9964	9999	9939	10010	9934	10119	10099	9934
	Date	18	13	18	16	03	24	16	30	01	05	19	22	10/05	
(0.1)	Air Temp.	Mean	10	29	74	141	182	219	257	267	221	171	93	48	143
		Mean Max.	55	85	142	203	241	257	295	322	268	218	151	107	195
		Mean Min.	-31	-25	8	82	121	187	225	222	182	129	40	-2	95
		Highest	161	171	222	257	295	300	343	362	312	286	210	199	362
		Date	03	13	30	22	30	19	31	13	04	04	05	22	08/13
		Lowest	-105	-74	-71	34	59	128	192	164	126	37	-20	-55	-105
		Date	24	08	02	02	01	03	18	30	21	30	26	31	01/24
(0.1hPa)	Vapor Press.	Mean	48	52	73	117	147	216	277	270	225	157	89	64	145
		Highest	115	175	174	206	229	291	346	344	295	298	184	191	346
		Date	03	13	05	16	24	24	28	11	05	03	19	22	07/28
		Lowest	17	22	22	39	56	112	210	142	137	40	25	20	17
		Date	23	25	12	19	07	02	15	31	21	30	23	10	01/23
(0.1) Mean D.P.Temp.		-41	-36	13	88	124	185	227	222	192	130	41	-3	95	
Rel. Humid. (%)	Mean	71	66	69	75	74	83	85	79	86	79	74	72	76	
	Lowest	28	19	18	15	20	34	52	34	40	20	15	16	15	
	Date	04	20	12	19	07	01	25	31	22	30	16	10	11/16	
(0.1mm)	Precip.	00-24h Total	540	505	903	2229	1332	1415	2083	501	2337	1975	775	537	15132
		09-09h Total													
	Highest	1 Daily	176	403	334	629	426	695	719	237	1308	747	257	189	1308
		Date	28	12	05	16	03	24	03	28	17	05	18	26	09/17
	6 6 - Hour	107	255	182	569	368	619	601	215	754	602	205	138	754	
		Date	28	12	06	16	03	24	03	28	17	05	18	22	09/17
	1 60 - Minute	169	145	235	411	124	363	348						411	
		Date	16	03	24	03	07	17	08						07/03
	10 10 - Minute	39	44	132	169	72	113	178						178	
		Date	16	03	24	03	07	17	08						10/08
2 2 - Day	348	482	550	634	609	270	981	243	1401	779	317	213	1401		
	Date	28 - 29	12 - 13	04 - 05	16 - 17	02 - 03	19 - 20	02 - 03	27 - 28	16 - 17	04 - 05	13 - 14	21 - 22	09/16 - 09/17	
3 3 - Day	130	483	556	686	256	281	1622	304	1411	1502			1622		
	Date	17 - 19	12 - 14	04 - 06	26 - 28	09 - 11	18 - 20	27 - 07	26 - 28	16 - 18	28 - 05			06/27 - 07/07	
(0.1mm)	Evapor.	Small	Total												
			Highest												
	Large	Total													
		Highest													
(0.1%)	Wind	Mean Speed	22	26	20	19	19	16	17	15	11	16	18	21	18
		Highest Speed	95	94	94	102	96	59	95	75	60	116	88	92	116
		Highest Dir.	NNW	N	NNW	NW	SSE	SE	SW	NW	SSE	NNE	NNW	NNW	NNE
		Date	18	29	10	17	03	15	02	30	02	05	22	27	10/05
		Highest Gust Speed	166	170	157	225	174	103	171	153	104	173	137	167	225
		Highest Gust Dir.	NNW	NNW	NNW	N	SE	WNW	SW	WNW	SE	NNE	NNW	N	N
		Date	18	29	10	17	03	25	02	31	01	05	22	23	04/17
		Resultant Speed	20	16	6	4	3	7	9	0	3	4	11	16	4
Resultant Dir.	NNW	NNW	NNW	S	S	SSE	S	SE	SE	NE	N	NNW	NNW		
Cloud Amount (0.1)		Mean													
		Mean Low Mid.													
Sunshine		Total(0.1hr)	1520	1766	2117	1925	2301	1205	1948	2702	1208	1075	1625	1569	20961
		Perc.(0.1%)	484	556	569	491	530	278	442	649	325	307	523	512	470
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
		Total													
(0.1)	Grass Min. Temp.	Mean	-25	-36	-2	80	123	187	216	213	174	116	16	-35	86
		Lowest	-69	-86	-88	16	68	125	181	148	117	20	-43	-87	-88
		Date	15	25	02	01	01	03	18	30	21	30	24	11	03/02
(0.1)	Mean Soil Temp.	Surface	19	38	97	172	227	258	298	326	243	182	98	46	167
		0.05m Underground													
		0.1m "													
		0.2m "													
		0.3m "													
		0.5m "													
		1.0m "													
		1.5m "													
3.0m "															
5.0m "															
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	53	45	38	33	37	16	31	36	29	105	44	42	105
		NE	40	10	21	34	16	13	8	19	23	101	50	29	101
		ENE	12	16	19	25	11	26	11	21	38	64	22	12	64
		E	10	12	24	31	40	26	17	46	39	53	57	15	57
		ESE	14	27	45	44	41	40	38	36	35	54	41	17	54
		SE	28	56	54	76	68	53	58	39	43	46	38	39	76
		SSE	22	57	53	74	86	49	47	40	37	35	39	38	86
		S	10	51	47	61	55	29	37	31	59	31	31	38	61
		SSW	17	23	30	18	18	25	47	20	30	27	14	21	47
		SW	29	63	67	89	25	27	88	27	37	21	24	64	89
		WSW	15	54	38	31	31	26	59	27	15	17	31	46	59
		W	31	49	38	91	53	52	26	52	24	21	22	17	91
		WNW	40	48	38	89	68	46	31	64	24	31	36	45	89
		NW	60	69	49	74	58	45	34	62	32	42	38	65	74
	NNW	87	81	82	60	60	52	33	73	29	59	69	87	87	
	(0.1%)	N	73	69	64	49	62	36	29	59	28	69	71	68	73
	Hourly Occurrence Percentage	CALM	187	128	198	194	204	189	187	293	347	236	278	258	225
		NNE	19	13	20	19	20	13	17	12	21	30	26	20	19
		NE	9	6	8	11	9	13	5	16	19	22	11	12	12
		ENE	8	13	9	17	11	21	8	24	43	17	18	8	16
		E	9	13	19	15	15	25	17	28	43	31	14	5	20
		ESE	9	13	20	38	32	33	32	30	36	74	32	16	31
		SE	9	35	83	96	110	218	173	124	69	77	47	36	90
		SSE	4	55	65	136	179	160	196	93	104	77	40	21	94
		S	15	12	15	40	19	47	52	34	28	32	6	8	26
		SSW	16	19	20	28	23	26	28	15	40	13	14	9	21
		SW	23	27	56	31	23	32	51	34	31	24	31	24	32
		WSW	12	55	51	58	32	26	44	23	40	32	18	24	35
W		32	56	42	72	40	50	56	39	39	35	36	23	43	
WNW		47	50	54	76	67	39	51	54	35	27	47	38	49	
NW	101	105	71	72	74	54	38	67	38	36	46	78	65		
NNW	333	286	167	67	95	36	22	71	29	128	168	278	140		
(0.1%)	N	166	115	102	29	46	18	20	44	38	109	168	141	83	
Number of Days With Classified	Daily Max. Temp.	0.0	3												3
		0.1 ~ 10.0	24	19	5								4	12	64
		10.1 ~ 20.0	4	10	25	15	3					7	23	18	105
		20.1 ~ 30.0			1	15	28	30	19	5	27	24	3		152
		30.1								12	26	3			41
	Daily Mean Temp.	-5.0	1												1
		-4.9 ~ 0.0	7	9	1										17
		0.1 ~ 10.0	23	18	21							2	20	30	114
		10.1 ~ 20.0		2	9	30	24	4			6	24	10	1	110
		20.1					7	26	31	31	24	5			124
	Daily Min. Temp.	-15.0													
		-14.9 ~ -5.0	8	10	1										1
		-4.9 ~ 0.0	20	14	12								5	17	68
		0.1 ~ 10.0	3	4	18	22	7						22	13	98
		10.1		1		8	24	30	31	31	30	9	3		180
	Daily Precip.	0.1mm	10	5	8	12	12	12	12	7	10	12	9	9	118
		10.0mm	2	1	4	6	5	3	4	2	4	3	3	3	40
		30.0mm		1	1	3	1	1	3		2	2			14
		80.0mm									1				1
		100.0mm									1				1
	60 - Minute Max. Precip.	1.0mm				10	6	8	8	4	8	9			53
		6.0mm				3	4	4	4	2	3	3			23
		10.0mm				1	1	3	4	1	2	2			14
		20.0mm						1	3	1	1	1			6
30.0mm								1		1	1			3	
10 - Minute Max. Precip.	0.1mm				12	12	12	12	7	10	12			77	
	1.0mm				6	5	6	8	4	7	7			43	
	5.0mm						2	3	1	1	1			8	
	10.0mm						1	2		1	1			5	
Daily Max. New Snowfall	0.1cm														
	5.0cm														
	10.0cm														
	20.0cm														
	30.0cm														
Daily Max. Snow Depth	0.1cm														
	5.0cm														
	10.0cm														
	20.0cm														
	30.0cm														
Daily Min. Rel. Humid.	20%		1	4	6	1					1	1	2	16	
	21 ~ 30%	2	10	7	3	6						5	4	37	
	31 ~ 40%	10	9	11	8	10	2		3	1	6	5	4	69	
	41 ~ 50%	7	4	2	3	3	4		8	8	2	7	8	56	
	51 ~ 70%	10	4	4	3	7	15	22	20	14	18	9	10	136	
71%	2	1	3	7	4	9	9		7	4	3	3	52		
Daily Max. Wind speed	0.5 ~ 3.3%	5	2	2	2	2	6	4	7	12	9	10	6	65	
	3.4 ~ 7.9%	24	24	28	26	26	24	26	24	18	21	19	20	280	
	8.0 ~ 13.8%	2	5	1	2	3			1		1	1	5	21	
	13.9%														

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow														
	Sleet														
	Snow Pellet														
	Hail														
	Fog														
	Frost														
	Freezing														
	Haze														
	Yellow Sand														
	Thunder Storm														
Sunshine (0%)	4	2	4	6	2	5	4	0	7	5	5	3	47		
< 20%	7	6	6	10	6	15	9	3	14	15	8	8	107		
80%	4	9	9	6	8	1	4	12	1	3	9	10	76		
Cloud Amount	2.4														
2.5 ~ 5.4															
5.5 ~ 7.4															
7.5															
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10248	10250	10227	10146	10107	10103	10093	10086	10080	10149	10230	10235	
		2nd	10218	10209	10206	10150	10158	10061	10056	10051	10136	10202	10198	10248	
		3rd	10274	10289	10211	10116	10104	10079	10098	10037	10160	10191	10248	10252	
	Mean Temp. (0.1)	1st	32	5	71	133	164	206	250	273	236	199	97	52	
		2nd	7	52	71	139	175	228	247	282	219	168	119	48	
		3rd	-6	29	81	150	204	224	272	247	208	149	62	44	
	Mean Max.Temp. (0.1)	1st	89	63	128	202	214	248	281	325	286	239	161	121	
		2nd	52	104	134	194	242	264	285	343	263	228	182	102	
		3rd	27	88	162	213	264	260	318	301	256	190	110	100	
	Mean Min.Temp. (0.1)	1st	-18	-52	16	69	104	170	225	231	192	158	43	-5	
		2nd	-34	1	4	80	109	195	215	233	184	122	61	-1	
		3rd	-39	-26	5	96	148	197	234	202	169	111	15	1	
	Mean D.P.Temp. (0.1)	1st	-22	-68	19	77	110	162	232	238	202	161	42	-9	
		2nd	-51	2	8	86	120	198	213	236	192	134	78	2	
		3rd	-48	-43	11	101	141	196	236	194	183	98	3	-4	
	Mean Vapor Press (0.1hPa)	1st	53	37	81	108	136	186	284	294	238	192	88	60	
		2nd	43	71	70	116	142	232	253	291	224	156	113	67	
		3rd	47	47	69	126	163	229	293	230	213	126	68	66	
	Mean Rel. Humid. (%)	1st	71	61	73	75	75	78	91	83	83	81	72	69	
		2nd	67	73	68	74	75	85	82	78	86	83	80	75	
3rd		75	62	66	77	71	86	82	75	87	74	69	73		
Mean Wind Speed (0.1m/s)	1st	18	25	23	15	24	14	18	11	11	19	19	18		
	2nd	27	29	19	26	18	17	16	13	11	8	12	19		
	3rd	22	25	17	16	16	17	16	20	9	20	23	25		
Total Precip. (0.1mm)	1st	19	0	758	412	868	231	1524	188	222	1517	74	1		
	2nd	130	483	145	704	168	295	545	0	1463	257	591	128		
	3rd	391	22		1113	296	889	14	313	652	201	110	408		
Total Evaporation (0.1mm)	1st														
	2nd														
	3rd														
Total Sunshine (0.1hr)	1st	543	842	535	591	529	449	358	830	515	392	685	652		
	2nd	568	426	732	705	941	413	571	1036	322	401	465	472		
	3rd	409	498	850	629	831	343	1019	836	371	282	475	445		
Mean Cloud Amount (0.1)	1st														
	2nd														
	3rd														
First and Last of Seasonal Phenomena	Genesis	Max. Temp. 30						19			05			79(42)	
		Max. Temp. 25			22							15		177(123)	
		Mean Temp. 25								05				63(45)	
		Min. Temp. 25							28 - 29					2(2)	
	Continue	Max. Temp. 30							24	26				34	
		Max. Temp. 25							13		01			51	
		Mean Temp. 25							24	25				33	
		Min. Temp. 25							28 - 29					2	
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0							19 - 24					6(3)	
Mean Temp. < 0								19	29				42(17)		
Min. Temp. < 0							01			28			119(84)		
Frost															
Continue	Max. Temp. < 0							23 - 24					2		
	Mean Temp. < 0							19 - 26					8		
	Min. Temp. < 0							08 - 28					21		
	Frost														
Freezing															
Snow															
Snow Cover															

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Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10232	10232	10199	10121	10106	10065	10066	10043	10109	10164	10209	10229	10148
		Mean Sea Level	10248	10249	10215	10137	10121	10080	10081	10058	10124	10179	10224	10246	10164
		Highest	10348	10373	10306	10245	10230	10134	10153	10117	10211	10303	10336	10341	10373
		Date	01	25	01	19	14	10	06	01	21	30	29	30	02/25
		Lowest	10114	10030	10079	9954	9950	9970	9991	9952	10010	9961	10115	10097	9950
		18	13	18	16	03	24	16	30	01	05	19	22	05/03	
(0.1)	Air Temp.	Mean	4	24	66	133	178	218	259	272	222	168	87	44	140
		Mean Max.	48	77	133	196	241	262	299	334	275	215	145	99	194
		Mean Min.	-35	-29	-2	74	118	184	227	223	179	125	34	-7	91
		Highest	138	169	218	248	295	293	346	371	310	296	213	191	371
		Date	03	12	30	25	18	26	31	11	04	04	05	21	08/11
		Lowest	-98	-80	-81	24	62	120	185	169	132	28	-30	-66	-98
		24	08	02	06	08	03	18	28	21	30	26	11	01/24	
(0.1hPa)	Vapor Press.	Mean	49	55	76	121	156	210	267	264	211	148	83	61	142
		Highest	119	175	195	222	263	295	374	348	306	306	169	184	374
		Date	03	13	05	16	15	19	28	15	04	03	19	21	07/28
		Lowest	19	20	16	42	58	115	185	122	128	22	10	21	10
		22	25	12	05	07	03	18	29	21	30	09	30	11/09	
(0.1) Mean D.P.Temp.		-37	-28	16	93	133	181	220	217	181	120	30	-11	93	
Rel. Humid. (%)	Mean	75	71	74	81	78	81	80	74	79	76	70	70	76	
	Lowest	30	13	12	14	20	34	47	26	35	10	7	21	7	
	Date	23	10	12	24	01	25	29	24	21	30	09	11	11/09	
(0.1mm)	Precip.	00-24h Total	563	241	937	1757	1116	1035	2054	251	1940	2286	845	577	13602
		09-09h Total													
	Highest	1 Daily	184	130	360	488	274	543	847	182	936	922	248	215	936
		Date	29	12	05	27	24	24	03	28	17	08	18	26	09/17
	6 6 - Hour	Date	91	72	211	404	259	475	668	174	696	851	211	150	851
		Date	28	13	05	16	24	24	03	28	17	08	14	22	10/08
	1 60 - Minute	Date				146	104	169	462	45	355	553			553
		Date				16	03	24	03	28	17	08			10/08
	10 10 - Minute	Date				49	40	100	171	12	100	163			171
		Date				16	15	24	03	28	17	08			07/03
2 2 - Day	Date	342	218	593	557	380	178	1119	207	1056	984	326	223	1119	
	Date	28 - 29	12 - 13	04 - 05	26 - 27	02 - 03	20 - 21	02 - 03	27 - 28	16 - 17	07 - 08	13 - 14	25 - 26	07/02 - 07/03	
3 3 - Day	Date	143	220		611	95	280	1438	247	1058	1737		202	1737	
	Date	17 - 19	11 - 14		26 - 28	27 - 29	18 - 22	01 - 06	26 - 28	16 - 18	28 - 05		21 - 23	09/28 - 10/05	
(0.1mm)	Evapor.	Total													
		Highest													
(0.1mm)	Small	Total													
		Highest													
(0.1mm)	Large	Total													
		Highest													
(0.1%)	Wind	Mean Speed	21	24	21	24	23	20	25	20	15	24	21	21	22
		Highest Speed	101	102	85	138	117	76	119	114	72	145	89	98	145
		Highest Dir.	WNW	WNW	NW	WSW	SE	ESE	SW	WNW	SW	N	N	SW	N
		Date	19	29	19	17	03	22	02	30	17	05	09	22	10/05
		Highest Gust Speed	199	204	138	256	178	125	213	174	125	250	146	168	256
		Highest Gust Dir.	WNW	WNW	SSW	WSW	SSE	WNW	SW	WNW	SW	N	NE	WNW	WSW
		Date	19	14	29	17	03	24	02	30	17	05	22	27	04/17
		Resultant Speed	15	11	8	2	3	5	8	3	3	11	9	10	3
	Resultant Dir.	NW	WNW	NW	S	SSE	SE	S	W	E	NE	N	NW	NNW	
(0.1)	Cloud Amount	Mean													
		Mean Low Mid.													
Sunshine	Total(0.1hr)	1277	1797	2206	1851	2247	1363	2071	2816	1308	986	1657	1466	21045	
	Perc.(0.1%)	407	567	593	472	518	314	470	677	352	281	532	477	472	
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
		Total													
(0.1)	Grass Min. Temp.	Mean	-61	-70	-36	54	88	166	224	225	174	110	10	-38	71
		Lowest	-117	-134	-127	-8	26	84	186	166	128	1	-61	-107	-134
		Date	14	08	02	02	05	03	18	31	21	30	26	11	02/08
(0.1)	Mean Soil Temp.	Surface	10	34	86	150	204	256	307	366	276	191	109	59	171
		0.05m Underground													
		0.1m "													
		0.2m "													
		0.3m "													
		0.5m "													
		1.0m "													
		1.5m "													
		3.0m "													
		5.0m "													
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

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Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	69	43	60	31	31	15	7	54	22	89	49	45	89
		NE	29	28	46	35	33	21	22	20	26	51	31	38	51
		ENE	28	35	43	53	46	47	34	51	45	69	45	45	69
		E	39	43	35	91	46	60	59	54	59	79	55	59	91
		ESE	25	84	69	100	81	53	92	49	44	75	64	58	100
		SE	29	55	55	92	113	58	68	49	46	47	53	52	113
		SSE	9	40	54	33	98	46	54	50	52	30	27	25	98
		S	16	40	61	60	45	43	36	26	37	10	28	18	61
		SSW	23	72	69	84	66	37	85	38	47	44	33	88	88
		SW	26	76	76	111	47	72	96	44	61	63	43	72	111
		WSW	42	67	49	119	95	48	59	65	47	48	30	69	119
		W	57	83	50	87	72	49	43	80	31	61	47	47	87
		WNW	97	92	56	98	69	52	45	113	52	61	48	79	113
		NW	58	57	82	71	47	44	57	75	42	55	51	45	82
	NNW	58	41	54	25	33	31	30	58	22	74	61	52	74	
	(0.1%)	N	68	48	57	23	37		5	57	33	137	67	58	137
	Hourly Occurrence Percentage	CALM	272	272	262	239	218	219	142	241	263	167	183	192	222
		NNE	64	43	35	3	11	8	1	20	24	36	83	55	32
		NE	15	26	32	19	23	14	20	30	33	28	50	67	30
		ENE	16	14	44	38	43	65	55	48	110	108	72	52	56
		E	15	14	38	90	60	136	89	99	117	174	68	34	78
		ESE	4	55	31	90	129	119	152	54	58	78	38	19	69
		SE	3	20	24	63	82	69	52	58	33	15	22	16	38
		SSE	3	7	15	7	27	15	16	43	28	7	11	13	16
		S	7	7	8	8	16	15	19	5	22	11	4	8	11
		SSW	11	14	15	15	20	28	87	11	24	12	17	12	22
		SW	12	43	46	28	20	22	93	34	33	26	22	21	33
		WSW	35	49	50	46	44	75	69	94	44	26	47	42	52
W		109	75	66	135	78	106	97	79	65	48	65	95	85	
WNW		211	194	106	139	126	71	71	93	65	46	89	164	114	
NW	63	59	89	58	58	26	28	40	40	48	46	56	51		
NNW	55	43	60	10	26	10	7	24	17	61	60	64	36		
(0.1%)	N	106	63	79	13	19		1	27	24	110	122	89	55	
Number of Days With Classified	Daily Max. Temp.	0.0	5	1											6
		0.1 ~ 10.0	23	20	9								6	15	73
		10.1 ~ 20.0	3	8	21	17	3				1	9	22	16	100
		20.1 ~ 30.0			1	13	28	30	18	5	21	22	2		140
	Daily Mean Temp.	30.1							13	26	8				47
		-5.0	2												2
		-4.9 ~ 0.0	9	10	1									1	21
		0.1 ~ 10.0	20	16	23							2	20	28	109
	Daily Min. Temp.	10.1 ~ 20.0		3	7	30	25	3			5	24	10	2	109
		20.1					6	27	31	31	25	5			125
		-15.0	9	10	4										28
		-14.9 ~ -5.0	20	14	13								7	13	67
	Daily Precip.	-4.9 ~ 0.0	2	4	12	24	9	30	31	31	30	22	3	19	92
		0.1 ~ 10.0		1	1	6	22	30	31	31	30	9	3	13	177
		10.1	10	7	6	12	12	14	12	5	12	12	9	9	120
		0.1mm	3	1	3	4	4	3	4	1	5	3	2	3	36
	60 - Minute Max. Precip.	30.0mm			1	2		1	3		2	2			11
		80.0mm							1		1	2			4
		100.0mm													
		1.0mm				9	10	7	6	3	6	9			50
	10 - Minute Max. Precip.	6.0mm				4	3	2	5		2	3			19
		10.0mm				2	1	2	4		2	2			13
		20.0mm							3		1	2			6
		30.0mm							1		1	2			4
Daily Max. New Snowfall	0.1mm				12	12	14	12	5	12	12			79	
	1.0mm				7	6	5	5	2	5	7			37	
	5.0mm						1	3		2	2			8	
	10.0mm						1	1		1	1			4	
Daily Max. Snow Depth	0.1cm														
	5.0cm														
	10.0cm														
	20.0cm														
Daily Min. Rel. Humid.	30.0cm														
	100.0cm														
	0.1cm														
	5.0cm														
Daily Max. Wind speed	10.0cm														
	20.0cm														
	30.0cm														
	30.0cm														
Daily Min. Rel. Humid.	20%		2	1	4	1					2	2		12	
	21 ~ 30%	1	3	7	4	5			1		1	4	5	31	
	31 ~ 40%	6	8	8	4	5	3		6	3	3	5	3	54	
	41 ~ 50%	6	6	6	2	5	3	3	7	7	5	6	14	70	
Daily Max. Wind speed	51 ~ 70%	15	8	5	8	10	14	19	17	12	14	11	6	139	
	71%	3	2	4	8	5	10	9	8	6	2	3	60		
	0.5 ~ 3.3%	3					2	2	1	5	1	2	5	21	
	3.4 ~ 7.9%	25	23	29	25	28	28	22	28	25	28	26	24	311	
Daily Max. Wind speed	8.0 ~ 13.8%	3	6	2	5	3		7	2		1	2	2	33	
	13.9%										1			1	

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow														
	Sleet														
	Snow Pellet														
	Hail														
	Fog														
	Frost														
	Freezing														
	Haze														
	Yellow Sand														
	Thunder Storm														
Sunshine (0%)	3	2	3	5	2	3	5	0	5	3	4	4	4	39	
< 20%	10	4	6	9	5	14	9	2	13	15	8	8	8	103	
80%	1	9	13	6	8	3	5	15	2	2	8	7	7	79	
Cloud Amount															
2.4															
2.5 ~ 5.4															
5.5 ~ 7.4															
7.5															
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10249	10251	10226	10146	10105	10102	10091	10085	10080	10148	10230	10236	
		2nd	10220	10209	10207	10148	10157	10060	10055	10052	10133	10201	10195	10248	
		3rd	10275	10291	10213	10116	10104	10078	10096	10038	10158	10188	10248	10253	
	Mean Temp. (0.1)	1st	27	0	64	122	160	205	252	280	235	196	90	45	
		2nd	2	49	61	134	173	225	245	285	221	166	116	50	
		3rd	- 13	24	73	141	200	226	278	252	210	144	57	39	
	Mean Max.Temp. (0.1)	1st	82	58	120	193	215	252	284	343	292	237	155	111	
		2nd	46	96	125	185	246	269	286	349	273	224	176	99	
		3rd	20	78	151	209	260	265	324	311	258	187	104	87	
	Mean Min.Temp. (0.1)	1st	- 24	- 58	- 2	57	99	164	225	231	190	155	36	- 16	
		2nd	- 41	- 1	- 5	83	103	188	213	233	180	116	58	- 4	
		3rd	- 41	- 28	0	83	149	199	242	206	168	105	10	- 2	
	Mean D.P.Temp. (0.1)	1st	- 16	- 58	22	79	119	166	221	232	192	152	26	- 14	
		2nd	- 47	6	7	100	126	188	205	230	183	122	70	- 5	
		3rd	- 47	- 31	21	100	152	189	233	193	169	89	- 6	- 14	
	Mean Vapor Press (0.1hPa)	1st	56	40	83	110	144	191	267	285	225	182	80	57	
		2nd	44	73	70	126	148	219	243	283	212	145	106	64	
		3rd	46	52	74	126	175	219	289	227	196	121	63	61	
	Mean Rel. Humid. (%)	1st	75	68	77	79	80	80	84	76	78	78	68	69	
		2nd	71	76	72	82	78	81	79	74	80	77	76	70	
3rd		79	69	73	81	77	81	78	72	79	72	67	70		
Mean Wind Speed (0.1m/s)	1st	13	19	25	18	29	16	26	15	16	29	23	18		
	2nd	26	32	20	35	23	20	25	17	15	15	19	18		
	3rd	24	21	19	19	18	24	25	27	15	28	21	26		
Total Precip. (0.1mm)	1st	22	2	833	341	614	121	1448	3	110	1988	123	1		
	2nd	146	220	104	515	133	220	604	0	1094	150	588	151		
	3rd	395	19		901	369	694	2	248	736	148	134	425		
Total Evaporation (0.1mm)	1st														
	2nd														
	3rd														
Total Sunshine (0.1hr)	1st	457	828	526	557	468	521	372	880	557	370	713	645		
	2nd	505	460	743	653	1011	487	579	1015	374	372	465	404		
	3rd	315	509	937	641	768	355	1120	921	377	244	479	417		
Mean Cloud Amount (0.1)	1st														
	2nd														
	3rd														
First and Last of Seasonal Phenomena	Genesis	Max. Temp. 30							05		27				85(50)
		Max. Temp. 25					15				14			153(127)	
		Mean Temp. 25									27			86(50)	
		Min. Temp. 25												3(3)	
	Continue	Max. Temp. 30								23	26				35
		Max. Temp. 25								13		15			65
		Mean Temp. 25								19	25				38
		Min. Temp. 25									28 - 30				3
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0								19	15				28(5)
Mean Temp. < 0								17			01			76(24)	
Min. Temp. < 0						26					28			124(91)	
Frost															
Continue	Freezing														
	Snow														
	Snow Cover														
	Max. Temp. < 0								23 - 25					3	
	Mean Temp. < 0								18 - 27					10	
	Min. Temp. < 0								08 - 28					21	
Frost															
Freezing															
Snow															
Snow Cover															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10176	10178	10147	10075	10060	10021	10025	9997	10065	10117	10158	10176	10100
		Mean Sea Level	10243	10244	10212	10138	10122	10082	10085	10057	10126	10180	10223	10242	10163
		Highest	10341	10369	10304	10242	10239	10140	10157	10113	10214	10297	10329	10335	10369
		Date	01	25	01	20	14	10	06	01	21	30	29	30	02/25
		Lowest	10097	10036	10083	9957	9960	9959	9998	9930	10010	9897	10122	10092	10092
		18	13	18	17	03	24	14	30	01	05	14	22	10/05	
(0.1)	Air Temp.	Mean	13	33	78	138	180	215	253	266	221	169	92	47	142
		Mean Max.	57	86	137	195	240	254	292	321	263	214	149	103	193
		Mean Min.	-29	-18	17	86	120	183	222	223	187	130	39	-3	96
		Highest	147	168	214	248	303	293	339	360	309	280	206	189	360
		Date	03	12	30	14	30	26	31	11	04	04	05	22	08/11
		Lowest	-93	-75	-58	41	62	121	192	161	145	43	-19	-56	-93
		24	07	01	01	03	18	29	21	30	25	28	01/24		
(0.1hPa)	Vapor Press.	Mean	49	53	79	122	156	229	298	262	218	157	88	62	148
		Highest	113	181	184	220	247	311	387	340	291	289	174	196	387
		Date	03	12	05	16	24	19	30	10	05	03	19	21	07/30
		Lowest	13	17	21	44	71	115	221	138	116	40	21	18	13
		23	23	12	01	16	02	18	31	20	30	09	30	01/23	
(0.1) Mean D.P.Temp.		-40	-35	23	95	133	195	239	216	187	131	39	-9	98	
Rel. Humid. (%)	Mean	71	64	73	79	78	90	93	76	83	80	73	70	78	
	Lowest	23	18	16	13	20	35	54	34	38	24	15	16	13	
	Date	23	09	30	01	01	01	31	31	20	30	16	10	04/01	
(0.1mm)	Precip.	00-24h Total	575	562	842	2647	1282	1175	1733	474	3022	1937	1072	1098	16419
		09-09h Total													
	Highest	1 Daily	267	368	204	602	501	493	564	342	1797	1251	574	645	1797
		Date	28	12	04	27	03	24	03	28	17	05	18	21	09/17
	6 6 - Hour	170	147	161	507	426	431	400	268	1457	1016	456	625	1457	
		Date	28	13	09	16	03	24	03	28	17	05	19	22	09/17
	1 60 - Minute	150	131	186	259	111	611	399							611
		Date	16	03	24	02	03	17	05						09/17
	10 10 - Minute	35	40	110	81	49	152	81							152
		Date	16	24	24	02	03	17	05						09/17
2 2 - Day	443	534	397	697	534	149	955	356	1823	1271	579	680	1823		
	Date	28 - 29	12 - 13	04 - 05	26 - 27	02 - 03	19 - 20	02 - 03	27 - 28	16 - 17	04 - 05	18 - 19	21 - 22	09/16 - 09/17	
3 3 - Day	70		400	734	347	172	1230	360	1841	668				1841	
	Date	17 - 19		04 - 06	26 - 28	09 - 11	18 - 20	01 - 04	26 - 28	16 - 18	28 - 01			09/16 - 09/18	
(0.1mm)	Evapor.	Total													
		Highest													
(0.1mm)	Small	Total													
		Highest													
(0.1mm)	Large	Total													
		Highest													
(0.1%)	Wind	Mean Speed	20	23	15	15	15	12	12	11	9	10	13	16	14
		Highest Speed	93	91	80	96	101	60	65	70	46	76	79	84	101
		Highest Dir.	NW	NW	WNW	S	SSE	WNW	S	NW	S	NW	WNW	NW	SSE
		Date	19	14	14	16	03	17	01	30	01	05	22	23	05/03
		Highest Gust Speed	192	161	151	181	193	131	123	178	103	161	125	138	193
		Highest Gust Dir.	NW	NW	S	W	SSE	NW	WSW	WNW	NNE	NE	NNW	NW	SSE
		Date	19	14	05	17	03	24	02	30	19	05	09	22	05/03
		Resultant Speed	17	15	6	1	4	3	6	1	3	5	9	13	4
	Resultant Dir.	NNW	NW	WNW	SW	SSW	S	S	W	NE	NNE	NNW	NW	NW	
(0.1)	Cloud Amount	Mean													
		Mean Low Mid.													
Sunshine	Total(0.1hr)	1578	1922	2114	1841	2229	1219	1942	2663	1213	1015	1594	1665	20995	
	Perc.(0.1%)	503	606	569	469	514	281	441	640	326	290	512	543	471	
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
		Date													
		Total													
(0.1)	Grass Min. Temp.	Mean	-47	-45	-3	75	113	176	219	222	180	117	20	-26	83
		Lowest	-97	-100	-75	34	53	111	186	142	124	25	-38	-83	-100
		Date	22	07	02	06	17	02	18	29	21	30	26	11	02/07
(0.1)	Mean Soil Temp.	Surface	26	46	109	170	223	241	280	305	242	187	105	53	166
		0.05m													
		0.1m													
		0.2m													
		0.3m													
		0.5m													
		1.0m													
		1.5m													
		3.0m													
		5.0m													
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	29	17	23	23	22	15	13	22	27	26	21	20	29
		NE	27	12	23	29	17	25	16	31	33	49	21	23	49
		ENE	29	12	16	32	16	35	15	21	35	34	32	20	35
		E	11	15	19	45	24	27	25	29	27	33	26	13	45
		ESE	18	32	19	30	37	38	31	24	18	15	14	5	38
		SE		36	28	45	28	29	36	29	22	32	22	5	45
		SSE	11	56	57	74	98	32	38	38	41	32	21	17	98
		S	19	68	61	76	44	34	42	27	36	28	29	53	76
		SSW	17	56	40	43	45	35	40	33	39	20	28	36	56
		SW	15	41	36	58	58	52	47	42	17	21	21	32	58
		WSW	31	35	30	68	61	57	36	52	26	5	23	56	68
		W	38	42	39	62	54	54	31	47	36	29	28	37	62
		WNW	91	66	76	57	54	46	42	38	36	69	57	60	91
		NW	79	76	68	81	59	51	34	58	32	44	63	65	81
	NNW	70	61	44	68	38	46	27	53	14	76	52	65	76	
	(0.1%)	N	38	37	22	21	31	27	27	37	19	18	30	22	38
	Hourly Occurrence Percentage	CALM	199	188	305	313	321	290	394	448	406	347	347	318	324
		NNE	43	6	34	44	36	36	5	26	99	71	46	28	39
		NE	35	7	19	57	15	38	12	39	121	90	56	24	43
		ENE	9	4	8	29	15	26	12	15	54	91	14	8	24
		E	3	9	16	25	22	49	19	20	26	48	15	12	22
		ESE	7	14	11	39	43	69	44	26	28	7	1	1	24
		SE		13	31	63	62	96	67	48	22	20	15	3	37
		SSE	4	62	46	106	122	101	103	89	43	34	17	5	61
		S	9	30	42	36	42	51	90	19	35	13	22	26	35
		SSW	9	29	59	24	35	61	85	34	21	7	13	9	32
		SW	8	17	28	22	30	15	44	19	10	7	6	7	18
		WSW	11	11	26	28	31	26	17	17	4	1	11	23	17
W		26	30	47	28	35	39	44	35	15	9	19	24	29	
WNW		60	80	65	44	51	29	28	43	24	30	32	40	44	
NW	214	223	101	69	63	40	19	62	22	81	131	166	99		
NNW	317	250	133	50	56	25	13	48	29	106	213	255	125		
(0.1%)	N	46	26	31	24	22	7	1	13	42	38	43	50	28	
Number of Days With Classified	Daily Max. Temp.	0.0	3											3	
		0.1 ~ 10.0	24	18	6								2	12	62
		10.1 ~ 20.0	4	11	24	19	3				1	10	27	19	118
		20.1 ~ 30.0			1	11	27	30	20	5	27	21	1		143
	Daily Mean Temp.	30.1					1		11	26	2				40
		-5.0	1												1
		-4.9 ~ 0.0	7	8											15
		0.1 ~ 10.0	23	19	22						2	18	30		114
	Daily Min. Temp.	10.1 ~ 20.0		2	9	30	27	5		1	5	25	12	1	117
		20.1					4	25	31	30	25	4			119
		-15.0													
		-14.9 ~ -5.0	5	5	3									2	15
	Daily Precip.	-4.9 ~ 0.0	22	19	8								5	17	71
		0.1 ~ 10.0	4	4	19	21	7							12	94
		10.1		1	1	9	24	30	31	31	30	6	21	4	186
		0.1mm	8	4	8	12	13	12	9	5	12	10	9	7	109
	60 - Minute Max. Precip.	10.0mm	2	2	4	8	3	4	4	2	3	3	2	3	40
		30.0mm		1		3	2	1	3	1	3	1	2	1	18
		80.0mm									1	1			2
		100.0mm									1	1			2
	10 - Minute Max. Precip.	1.0mm				12	9	8	6	3	9	8			55
		6.0mm				4	3	2	4	2	3	2			20
		10.0mm				1	1	1	3	1	2	2			11
		20.0mm							2		1	1			4
10 - Minute Max. Precip.	30.0mm									1	1			2	
	0.1mm				12	13	12	9	5	12	10			73	
	1.0mm				10	5	5	6	2	6	5			39	
	5.0mm						1	3		1	2			7	
Daily Max. New Snowfall	10.0mm						1			1				2	
	0.1cm														
	5.0cm														
	10.0cm														
Daily Max. Snow Depth	30.0cm														
	0.1cm														
	5.0cm														
	10.0cm														
Daily Min. Rel. Humid.	20.0cm														
	20%		2	4	1	1						3	3	14	
	21 ~ 30%	3	8	6	8	8					2	3	4	42	
	31 ~ 40%	7	8	8	3	5	1			4	1	3	7	6	
Daily Max. Wind speed	41 ~ 50%	10	5	3	6	7	3			10	6	5	4	6	
	51 ~ 70%	8	4	7	4	5	7	8	16	17	16	10	9	111	
	71%	3	2	3	8	5	19	23	1	6	5	3	3	81	
	0.5 ~ 3.3%	7	2	7	7	6	19	13	16	23	17	11	9	137	
Daily Max. Wind speed	3.4 ~ 7.9%	22	25	23	21	24	11	18	15	7	14	19	21	220	
	8.0 ~ 13.8%	2	2	1	2	1							1	9	
	13.9%														

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Number of Days With Phenomena	Snow															
	Sleet															
	Snow Pellet															
	Hail															
	Fog															
	Frost															
	Freezing															
	Haze															
	Yellow Sand															
	Thunder Storm															
Sunshine (0%)	4	2	4	4	2	7	4	0	6	6	6	4	49			
< 20%	7	4	7	9	7	15	8	4	11	16	8	7	103			
80%	1	12	11	8	10	3	3	12	0	1	6	6	73			
Cloud Amount	2.4															
2.5 ~ 5.4																
5.5 ~ 7.4																
7.5																
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10244	10246	10225	10146	10108	10105	10095	10087	10080	10148	10228	10231		
		2nd	10213	10206	10204	10151	10158	10062	10057	10051	10137	10202	10198	10247		
		3rd	10270	10285	10208	10116	10103	10081	10100	10036	10161	10190	10243	10248		
	Mean Temp. (0.1)	1st	35	11	74	132	166	201	247	273	237	196	96	52		
		2nd	8	55	70	134	171	223	242	281	217	170	119	48		
		3rd	-3	33	88	147	201	220	269	247	208	144	62	41		
	Mean Max.Temp. (0.1)	1st	90	68	126	196	216	247	281	321	283	238	159	118		
		2nd	55	104	131	186	240	261	280	338	257	222	180	100		
		3rd	29	87	153	204	262	255	312	305	249	186	110	93		
	Mean Min.Temp. (0.1)	1st	-15	-44	21	77	112	163	220	232	201	159	37	-10		
		2nd	-31	7	11	85	106	188	213	234	186	126	63	1		
		3rd	-39	-18	17	96	140	197	231	204	173	108	19	-1		
	Mean D.P.Temp. (0.1)	1st	-11	-73	30	87	119	171	240	234	202	162	41	-15		
		2nd	-53	5	15	90	125	208	228	231	181	137	78	-3		
		3rd	-55	-38	24	106	152	205	249	187	178	97	0	-11		
	Mean Vapor Press (0.1hPa)	1st	58	36	87	116	145	197	301	288	238	191	87	58		
		2nd	43	72	74	118	148	247	277	283	211	158	112	65		
		3rd	45	50	76	131	175	243	316	220	206	124	66	63		
	Mean Rel. Humid. (%)	1st	74	56	77	79	79	85	97	81	83	83	72	66		
		2nd	66	73	72	78	79	92	92	77	82	83	80	72		
3rd		71	63	68	81	77	92	90	72	84	75	67	71			
Mean Wind Speed (0.1m/s)	1st	14	22	17	11	19	10	13	8	10	13	14	15			
	2nd	24	26	14	21	14	13	12	8	10	6	10	13			
	3rd	21	22	14	14	12	13	10	16	7	13	15	19			
Total Precip. (0.1mm)	1st	55		660	610	931	177	1249	111	409	1617	15	1			
	2nd	70	534	182	981	102	196	484	3	1932	168	978	213			
	3rd	450	28	0	1056	249	802	0	360	681	152	79	884			
Total Evaporation (0.1mm)	1st															
	2nd															
	3rd															
Total Sunshine (0.1hr)	1st	551	820	555	572	473	490	418	795	483	388	665	649			
	2nd	584	502	740	649	905	418	568	1030	405	393	445	509			
	3rd	443	600	819	620	851	311	956	838	325	234	484	507			
Mean Cloud Amount (0.1)	1st															
	2nd															
	3rd															
First and Last of Seasonal Phenomena	Genesis	Max. Temp. 30					30					05			99(41)	
		Max. Temp. 25					17						17		154(118)	
		Mean Temp. 25										05			63(43)	
		Min. Temp. 25													1(1)	
	Continue	Max. Temp. 30										24	26		34	
		Max. Temp. 25										04	27		55	
		Mean Temp. 25										24	25		33	
		Min. Temp. 25													1	
	'15.7-'16.6 Low Temp. Phenomena		'15	7	8	9	10	11	12	'16	1	2	3	4	5	6
	Genesis	Max. Temp. < 0										19-24				6(3)
		Mean Temp. < 0										19	29			42(14)
		Min. Temp. < 0												28		119(78)
Frost																
Continue	Max. Temp. < 0										23-24				2	
	Mean Temp. < 0										19-25				7	
	Min. Temp. < 0										30	11			13	
	Frost															
Freezing																
Snow																
Snow Cover																

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10239	10239	10206	10126	10112	10070	10070	10049	10114	10170	10214	10237	10154
		Mean Sea Level	10246	10246	10213	10133	10119	10076	10076	10055	10120	10176	10221	10244	10160
		Highest	10341	10369	10303	10243	10227	10129	10149	10113	10206	10301	10337	10338	10369
		Date	01	25	01	19	14	10	06	01	21	30	29	30	02/25
		Lowest	10116	10026	10078	9957	9950	9967	9981	9957	10003	9978	10111	10104	9950
		18	13	18	16	03	24	16	30	01	05	19	22	05/03	
(0.1)	Air Temp.	Mean	23	39	74	133	175	214	256	267	223	176	101	58	145
		Mean Max.	53	78	121	189	227	251	289	316	265	210	144	100	187
		Mean Min.	- 6	- 4	22	82	123	180	229	229	184	143	57	14	104
		Highest	139	179	201	241	284	281	330	352	302	286	203	193	352
		Date	03	13	30	25	18	21	30	24	27	04	05	21	08/24
		Lowest	- 86	- 50	- 48	41	71	111	194	174	140	44	- 8	- 43	- 86
		Date	24	08	02	02	17	03	18	28	21	30	26	31	01/24
(0.1hPa)	Vapor Press.	Mean	56	62	82	123	158	225	290	283	224	161	96	71	153
		Highest	127	185	185	209	244	298	363	361	322	288	188	197	363
		Date	03	13	05	16	15	24	28	15	17	03	19	21	07/28
		Lowest	25	29	28	48	84	122	213	163	129	48	34	24	24
		Date	23	29	12	05	01	03	15	29	21	30	09	11	12/11
(0.1) Mean D.P.Temp.		- 17	- 8	30	96	136	192	234	229	191	135	54	11	107	
Rel. Humid. (%)	Mean	76	73	76	81	81	89	89	81	84	79	75	74	80	
	Lowest	40	22	25	23	33	38	59	37	43	27	25	26	22	
	Date	06	10	12	19	21	03	31	24	21	30	16	11	02/10	
(0.1mm)	Precip.	00~24h Total	586	569	981	2352	1584	1631	2774	255	2023	1542	790	604	15691
		09~09h Total													
	Highest	1 Daily	190	350	340	685	480	825	1015	135	965	545	280	210	1015
		Date	29	12	05	27	02	24	12	28	17	05	18	26	07/12
	6 6 - Hour		75	200	285	550	325	750	840	125	835	445	215	165	840
		Date	29	12	05	16	03	24	03	28	17	05	18	22	07/03
	1 60 - Minute					215	130	290	415	45	340	165			415
		Date				16	03	24	12	28	17	08			07/12
	10 10 - Minute					60	45	140	155	15	145	75			155
		Date				27	02	24	12	27	17	08			07/12
2 2 - Day		300	515	515	750	840	385	1250	240	1100	585	180	230	1250	
	Date	28 - 29	12 - 13	04 - 05	26 - 27	02 - 03	20 - 21	02 - 03	27 - 28	16 - 17	04 - 05	13 - 14	21 - 22	07/02 - 07/03	
3 3 - Day		135	551		805	112	525	1496	255	1130	937			1496	
	Date	23 - 25	11 - 16		26 - 28	26 - 29	18 - 22	01 - 07	26 - 28	16 - 18	26 - 01			07/01 - 07/07	
(0.1mm)	Evapor.	Small	Total												
			Highest												
	Large	Total													
		Highest													
(0.1%)	Wind	Mean Speed	31	32	28	23	22	19	22	19	16	25	28	30	25
		Highest Speed	84	90	95	132	81	83	92	83	65	122	98	97	132
		Highest Dir.	N	NE	ENE	W	W	SSE	W	W	SW	ENE	NNE	SW	W
		Date	19	23	08	17	03	24	02	31	17	05	08	21	04/17
		Highest Gust Speed	146	141	148	183	139	119	139	130	124	171	142	161	183
		Highest Gust Dir.	NNE	N	NE	WNW	W	SSE	WSW	NW	WSW	NE	NE	WSW	WNW
		Date	19	14	08	17	03	24	02	30	17	05	08	22	04/17
		Resultant Speed	24	16	14	1	3	4	12	4	3	14	15	20	8
		Resultant Dir.	NNE	N	NNE	NW	NW	SW	SW	NNW	NE	ENE	NE	NNE	NNE
Cloud Amount (0.1)		Mean													
		Mean Low Mid.													
Sunshine		Total(0.1hr)	1054	1647	2129	1887	2212	1385	2029	2914	1405	978	1482	1350	20472
		Perc.(0.1%)	335	519	572	481	511	320	461	701	378	279	476	439	459
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
		Total													
Grass Min. Temp. (0.1)	Mean	- 31	- 42	- 11	67	116	181	228	218	167	123	32	- 12	86	
	Lowest	- 87	- 100	- 90	14	67	119	199	170	115	21	- 30	- 61	- 100	
	Date	14	03	02	02	05	03	03	28	21	30	26	11	02/03	
(0.1)	Mean Soil Temp.	Surface	28	50	98	168	218	252	300	342	257	179	103	54	171
		0.05m Underground													
		0.1m "													
		0.2m "													
		0.3m "													
		0.5m "													
		1.0m "													
		1.5m "													
		3.0m "													
5.0m "															
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12	89	
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	71	82	85	42	60	38	17	61	44	87	89	78	89
		NE	62	78	82	37	62	34	28	59	33	90	93	61	93
		ENE	67	41	83	45	41	29	30	57	40	119	59	51	119
		E	44	31	39	41	16	32	24	42	38	45	45	45	45
		ESE	30	38	30	42	45	37	27	36	36	41	44	41	45
		SE	26	60	48	66	61	50	77	43	34	52	47	61	77
		SSE		64	58	75	58	53	77	39	47	52	55	53	77
		S	13	39	38	34	49	52	51	41	32	32	51	34	52
		SSW	17	39	38	51	39	36	47	35	37	33	27	51	51
		SW	21	53	64	97	55	46	75	41	45	38	27	94	97
		WSW	22	64	71	82	62	39	66	51	60	55	44	27	82
		W	33	70	46	104	77	64	65	66	19	43	47	76	104
		WNW	31	50	44	64	59	48	31	50	25	17	24	61	64
		NW	60	57	41	76	49	34	32	69	36	27	24	58	76
	NNW	70	63	48	50	51	41	35	47	34	39	38	64	70	
	(0.1%)	N	77	81	60	51	59	48	51	57	43	71	64	77	81
	Hourly Occurrence Percentage	CALM	102	98	153	129	155	115	167	206	182	93	169	117	141
		NNE	208	191	173	31	73	26	11	47	46	137	200	230	114
		NE	107	75	77	18	20	14	7	30	22	93	75	71	51
		ENE	66	27	30	29	17	18	7	15	57	83	56	43	37
		E	55	24	22	38	16	36	4	43	74	98	67	50	44
		ESE	21	29	28	29	38	47	15	48	82	135	60	51	49
		SE	13	39	31	79	46	79	74	63	57	82	44	21	52
		SSE		42	20	92	93	79	108	44	45	57	56	23	55
		S	3	14	17	21	38	38	47	28	22	19	24	8	23
		SSW	7	10	32	21	35	69	86	12	29	15	10	7	28
		SW	9	43	51	42	71	106	133	40	47	16	19	32	51
		WSW	42	75	98	69	67	85	133	97	86	28	50	51	73
W		35	58	16	61	54	82	70	62	42	30	36	36	48	
WNW		11	19	12	29	35	31	24	32	17	8	15	16	21	
NW	51	17	39	57	44	32	36	65	38	12	4	28	35		
NNW	90	65	56	111	62	58	42	67	65	16	18	47	58		
(0.1%)	N	180	174	144	144	137	85	38	101	89	78	97	169	120	
Number of Days With Classified	Daily Max. Temp.	0.0	3											3	
		0.1 ~ 10.0	26	20	9								7	16	
		10.1 ~ 20.0	2	9	21	21	6				1	10	21	15	106
		20.1 ~ 30.0			1	9	25	30	21	6	28	21	2		143
	Daily Mean Temp.	30.1							10	25	1				36
		-5.0	1												1
		-4.9 ~ 0.0	6	2											8
		0.1 ~ 10.0	24	24	24							1	16	29	118
	Daily Min. Temp.	10.1 ~ 20.0		3	7	30	28	9			5	24	14	2	122
		20.1					3	21	31	31	25	6			117
		-15.0													
		-14.9 ~ -5.0	2	1										2	12
	Daily Precip.	-4.9 ~ 0.0	13	19	8										54
		0.1 ~ 10.0	16	8	21	22	6					2	25	19	119
		10.1		1	2	8	25	30	31	31	30	29	3		190
		0.1mm	10	9	7	13	13	15	12	3	13	14	8	8	125
	60 - Minute Max. Precip.	10.0mm	3	2	3	6	4	4	5	2	4	3	3	3	42
		30.0mm		1	2	3	2	2	2		2	2			16
		80.0mm						1	2		1				4
		100.0mm							1						1
	10 - Minute Max. Precip.	1.0mm				12	10	7	6	3	8	10			56
		6.0mm				5	3	4	5		3	3			23
		10.0mm				4	2	2	5		2	2			17
		20.0mm				1		1	2		1				5
Daily Max. New Snowfall	30.0mm							1		1				2	
	0.1mm														
	1.0mm														
	5.0mm														
Daily Max. Snow Depth	10.0mm														
	20.0mm														
	30.0mm														
	0.1cm														
Daily Min. Rel. Humid.	5.0cm														
	10.0cm														
	20.0cm														
	30.0cm														
Daily Max. Wind speed	20%														
	21 ~ 30%		1	2	6						1	2	1	13	
	31 ~ 40%	1	3	5	5	6	1		1			2	1	25	
	41 ~ 50%	8	12	7	5	8	2		2	3	7	5	8	67	
Daily Max. Wind speed	51 ~ 70%	19	11	12	8	11	9	13	27	19	16	17	18	180	
	71%	3	2	5	6	6	18	18	1	8	7	4	3	81	
	0.5 ~ 3.3%	4	1			1	3	2	1	4	2		4	22	
	3.4 ~ 7.9%	26	25	27	28	29	26	27	29	26	25	26	20	314	
Daily Max. Wind speed	8.0 ~ 13.8%	1	3	4	2	1	1	2	1		4	4	7	30	
	13.9%														

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow														
	Sleet														
	Snow Pellet														
	Hail														
	Fog														
	Frost														
	Freezing														
	Haze														
	Yellow Sand														
	Thunder Storm														
Sunshine (0%)	4	3	3	4	1	5	5	1	6	3	3	3	41		
< 20%	14	4	6	8	4	12	10	3	13	16	9	10	109		
80%	0	6	13	6	8	1	6	14	3	2	5	4	68		
Cloud Amount	2.4														
2.5 ~ 5.4															
5.5 ~ 7.4															
7.5															
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10246	10249	10224	10142	10102	10099	10087	10081	10077	10145	10226	10234	
		2nd	10218	10206	10205	10144	10154	10057	10050	10050	10129	10197	10191	10245	
		3rd	10272	10288	10210	10113	10101	10074	10091	10036	10154	10185	10246	10251	
	Mean Temp. (0.1)	1st	48	16	72	120	163	199	247	276	235	201	103	61	
		2nd	18	62	69	137	168	218	242	277	223	174	128	63	
		3rd	6	40	81	142	192	223	276	251	211	154	71	51	
	Mean Max.Temp. (0.1)	1st	82	57	109	183	206	243	274	328	280	231	152	111	
		2nd	49	98	113	179	227	254	275	326	263	219	173	99	
		3rd	30	79	138	204	245	256	314	296	253	183	108	90	
	Mean Min.Temp. (0.1)	1st	12	-32	25	65	117	156	225	234	191	171	64	9	
		2nd	-14	22	20	93	106	185	212	236	187	134	77	19	
		3rd	-15	-2	22	89	144	198	248	216	173	125	32	13	
	Mean D.P.Temp. (0.1)	1st	3	-33	35	82	127	170	236	243	201	164	55	15	
		2nd	-28	22	18	103	128	202	219	243	194	136	88	13	
		3rd	-24	-15	37	104	151	204	246	204	179	108	20	6	
	Mean Vapor Press (0.1hPa)	1st	64	48	88	112	149	196	292	303	236	195	95	70	
		2nd	51	80	75	128	150	238	263	305	227	157	120	73	
		3rd	53	58	82	129	173	240	311	244	208	134	74	69	
	Mean Rel. Humid. (%)	1st	74	71	79	81	82	85	94	84	82	80	74	74	
		2nd	73	77	73	82	81	91	88	84	85	80	79	73	
3rd		81	69	76	82	80	90	85	77	84	75	71	74		
Mean Wind Speed (0.1m/s)	1st	23	29	35	19	28	17	23	15	17	31	30	27		
	2nd	35	35	25	32	22	18	21	17	16	17	23	29		
	3rd	34	32	23	18	17	22	23	25	14	28	31	36		
Total Precip. (0.1mm)	1st	15		890	346	1107	206	1496		6	1130	180	0		
	2nd	136	551	91	811	115	425	1238		1170	190	460	154		
	3rd	435	18		1195	362	1000	40	255	847	222	150	450		
Total Evaporation (0.1mm)	1st														
	2nd														
	3rd														
Total Sunshine (0.1hr)	1st	409	719	512	599	481	587	320	963	627	429	616	609		
	2nd	384	432	696	649	1005	439	583	1040	337	356	472	366		
	3rd	261	496	921	639	726	359	1126	911	441	193	394	375		
Mean Cloud Amount (0.1)	1st														
	2nd														
	3rd														
First and Last of Seasonal Phenomena	Genesis	Max. Temp. 30							08		27				82(37)
		Max. Temp. 25					18				04			140(107)	
		Mean Temp. 25								04				86(47)	
		Min. Temp. 25							27 - 30					4(4)	
	Continue	Max. Temp. 30							24	25				33	
		Max. Temp. 25							13	26				45	
		Mean Temp. 25							19	26				39	
		Min. Temp. 25							27 - 30					4	
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0							19 - 24						6(3)
		Mean Temp. < 0							19	15					28(9)
		Min. Temp. < 0						07			28				113(49)
Frost															
Continue	Freezing														
	Snow														
	Snow Cover														
	Max. Temp. < 0							23 - 24						2	
Mean Temp. < 0							19 - 25						7		
Min. Temp. < 0								01 - 10					10		
Frost															
Freezing															
Snow															
Snow Cover															

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Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	9831	9830	9817	9753	9739	9708	9718	9696	9768	9813	9833	9838	9779
		Mean Sea Level	10239	10234	10211	10134	10112	10073	10079	10057	10137	10193	10227	10240	10161
		Highest	10347	10355	10299	10249	10280	10161	10160	10133	10237	10311	10358	10354	10358
		Date	01	25	02	20	14	06	06	27	21	30	29	30	11/29
		Lowest	10070	9979	10088	9853	9891	9938	9974	9853	9964	10034	10104	10045	9853
		Date	18	14	18	17	03	24	13	31	01	05	22	08/31	
(0.1)	Air Temp.	Mean	-43	-16	42	113	163	207	232	237	191	130	45	0	108
		Mean Max.	21	53	118	191	246	270	284	305	242	194	117	66	176
		Mean Min.	-106	-82	-29	39	75	146	189	186	152	81	-16	-59	48
		Highest	110	177	188	271	295	306	324	350	290	259	177	144	350
		Date	03	13	31	26	18	10	09	13	04	03	20	20	08/13
		Lowest	-187	-171	-116	-23	28	54	154	120	64	-6	-89	-124	-187
		Date	24	03	01	01	17	02	23	27	21	30	26	30	01/24
(0.1hPa)	Vapor Press.	Mean	26	32	47	75	94	143	218	219	181	121	64	43	105
		Highest	68	150	128	150	184	217	319	298	269	240	127	146	319
		Date	17	13	06	21	24	30	30	02	05	03	20	22	07/30
		Lowest	4	8	11	21	21	63	140	118	91	38	12	11	4
		Date	23	03	10	06	14	01	08	27	20	30	24	16	01/23
(0.1) Mean D.P.Temp.			-132	-108	-49	20	53	120	188	186	156	93	-7	-59	38
Rel. Humid. (%)	Mean	55	54	59	61	57	61	79	77	83	82	73	69	68	
	Lowest	6	11	6	8	6	20	30	23	34	24	9	10	6	
	Date	11	05	17	06	20	03	09	24	24	30	02	02	05/20	
(0.1mm)	Precip.	00-24h Total	35	488	384	1245	562	460	4165	618	979	749	235	528	10448
		09-09h Total													
	Highest	1 Daily	15	200	330	220	200	250	1640	155	415	260	155	209	1640
		Date	17	12	05	21	03	24	04	26	17	05	18	21	07/04
	6 6 - Hour	Date	14	115	305	175	120	220	825	115	235	200	150	220	825
		Date	17	14	06	17	03	24	04	26	17	05	19	22	07/04
	1 60 - Minute	Date				60	40	90	315	50	60	60			315
		Date				17	03	24	05	26	17	25			07/05
	10 10 - Minute	Date				25	15	50	150	35	25	20			150
		Date				10	03	13	04	02	16	25			07/04
2 2 - Day	Date	25	370	335	325	205	155	2010	150	450	240	175	404	2010	
	Date	17 - 18	12 - 13	05 - 06	16 - 17	03 - 04	13 - 14	04 - 05	28 - 29	16 - 17	07 - 08	18 - 19	21 - 22	07/04 - 07/05	
3 3 - Day	Date		380	340	350	207	200	3395	260	685		177	409	3395	
	Date		12 - 14	04 - 06	16 - 18	02 - 04	13 - 15	01 - 07	28 - 31	28 - 03		18 - 20	21 - 23	07/01 - 07/07	
(0.1mm)	Evapor.	Small	Total												
			Highest												
	Large	Total													
		Highest													
(0.1%)	Wind	Mean Speed	17	16	15	17	18	15	12	14	12	12	14	15	
		Highest Speed	72	81	58	67	72	62	52	60	63	55	54	76	81
		Highest Dir.	N	N	NNW	NW	NW	SSE	NNE	WNW	N	NNE	SSW	NW	N
		Date	26	09	01	08	05	05	14	31	20	05	04	01	02/09
		Highest Gust Speed	131	139	101	134	167	104	95	124	112	103	122	148	167
		Highest Gust Dir.	NW	N	SSW	NW	W	NNW	NE	W	NE	E	NNW	NW	W
		Date	18	09	29	08	04	25	14	31	20	20	25	01	05/04
		Resultant Speed	8	7	2	3	4	2	2	0	3	1	2	5	3
	Resultant Dir.	WNW	WNW	W	WSW	W	SW	SW	NE	NE	ENE	W	WNW	WNW	
Cloud Amount (0.1)		Mean													
		Mean Low Mid.													
Sunshine		Total(0.1hr)	1961	1915	1955	2021	2697	1730	1366	2077	826	1427	1622	2288	21885
		Perc.(0.1%)	636	609	526	512	614	393	306	495	222	409	529	762	490
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
		Total													
(0.1)	Grass Min. Temp.	Mean	-133	-104	-48	16	46	125	179	172	137	57	-51	-96	25
		Lowest	-215	-196	-122	-51	-5	21	145	96	36	-44	-126	-157	-215
		Date	24	03	01	01	22	02	23	27	21	30	26	11	01/24
(0.1)	Mean Soil Temp.	Surface	-30	-2	55	133	204	268	257	286	208	149	58	6	133
		0.05m Underground													
		0.1m "													
		0.2m "													
		0.3m "													
		0.5m "													
		1.0m "													
		1.5m "													
		3.0m "													
	5.0m "														
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	23	27	29	34	29	21	39	38	49	30	28	28	49
		NE	34	32	47	35	43	30	42	39	44	46	34	28	47
		ENE	28	8	34	36	29	27	18	40	40	39	24	20	40
		E	35	5	24	34	30	34	29	20	30	36	11	13	36
		ESE	34	26	35	38	36	40	28	41	33	30	19	8	41
		SE	21	22	36	43	41	46	28	37	29	38	31	34	46
		SSE	27	42	35	41	44	55	46	45	37	27	38	39	55
		S	32	30	45	44	46	43	44	36	29	42	38	39	46
		SSW	42	43	49	44	50	38	31	37	27	36	35	34	50
		SW	38	30	42	54	47	40	36	29	27	29	44	38	54
		WSW	37	40	39	47	48	30	27	24	24	16	23	27	48
		W	51	36	31	40	67	33	27	24	33	34	30	30	67
		WNW	49	44	36	47	60	33	27	53	19	26	43	41	60
		NW	55	49	41	41	58	39	34	41	18	31	45	59	59
	NNW	60	64	58	51	50	27	25	26	43	28	44	65	65	
	(0.1%)	N	59	77	52	24	40	17	37	21	62	20	20	57	77
	Hourly Occurrence Percentage	CALM	157	152	169	122	133	125	191	125	169	202	211	195	163
		NNE	36	30	42	43	37	35	60	54	82	52	34	43	46
		NE	8	13	23	35	30	26	28	44	56	42	11	15	28
		ENE	7	4	16	24	8	11	11	34	32	27	10	13	16
		E	9	1	15	22	16	10	11	13	28	26	7	4	14
		ESE	12	6	28	43	33	33	22	43	35	42	8	7	26
		SE	20	13	47	49	49	65	42	79	51	73	57	40	49
		SSE	78	78	93	64	68	71	105	95	86	95	115	82	86
		S	62	53	48	57	51	65	74	46	69	51	67	68	59
		SSW	47	62	66	58	89	88	70	42	38	42	62	63	60
		SW	55	42	58	69	72	60	86	34	35	32	42	35	52
		WSW	20	43	27	39	30	25	28	34	21	9	18	21	26
W		62	65	22	24	37	25	17	27	18	20	20	28	30	
WNW		102	112	43	58	35	44	40	43	14	28	32	89	53	
NW	113	78	54	67	79	85	42	62	51	56	77	87	71		
NNW	121	134	145	151	178	150	106	159	126	136	148	134	141		
(0.1%)	N	91	115	105	75	57	82	67	67	89	67	81	75	81	
Number of Days With Classified	Daily Max. Temp.	0.0	6	2										1	9
		0.1 ~ 10.0	24	24	12						1	12	22	95	
		10.1 ~ 20.0	1	3	19	17	6			1	2	14	18	8	89
		20.1 ~ 30.0				13	25	27	21	7	28	16			
	Daily Mean Temp.	30.1						3	10	23					36
		-5.0	9	5											15
		-4.9 ~ 0.0	17	14	4								5	17	57
		0.1 ~ 10.0	5	9	27	7						4	23	13	88
	Daily Min. Temp.	10.1 ~ 20.0		1		23	30	10	2	6	16	26	1		115
		20.1					1	20	29	25	14	1			90
		-15.0	6	3											9
		-14.9 ~ -5.0	22	18	8								6	18	72
	Daily Precip.	-4.9 ~ 0.0	3	6	17	4						2	16	12	60
		0.1 ~ 10.0		2	6	26	25	4			2	20	8	1	94
		10.1					6	26	31	31	28	9			131
		0.1mm	5	7	7	14	8	6	19	13	13	10	8	9	119
	60 - Minute Max. Precip.	10.0mm		2	1	6	4	2	7	2	3	4	1	2	34
		30.0mm			1				6		1				8
		80.0mm							1						1
		100.0mm							1						1
	10 - Minute Max. Precip.	1.0mm				11	4	3	15	9	5	5			52
		6.0mm				2		2	8		1	1			14
		10.0mm							5						5
		20.0mm							2						2
Daily Max. New Snowfall	30.0mm							1						1	
	0.1mm				14	8	6	19	13	13	10			83	
	1.0mm				7	4	3	12	7	5	4			42	
	5.0mm						1	4						5	
Daily Max. Snow Depth	10.0mm							2						2	
	0.1cm														
	5.0cm														
	10.0cm														
Daily Min. Rel. Humid.	30.0cm														
	20%	8	13	14	12	18	1					4	6	76	
	21 ~ 30%	12	9	7	10	5	10	1	3		3	7	6	73	
	31 ~ 40%	7	2	5	3	3	11	4	7	3	6	5	4	60	
Daily Max. Wind speed	41 ~ 50%	1	2	4	1	2	5	7	14	6	8	7	6	63	
	51 ~ 70%	3	3		3	3	3	15	7	16	12	6	7	78	
	71%			1	1			4		5	2	1	2	16	
	0.5 ~ 3.3%	5	3	3	2	3	4	11	9	17	19	10	11	97	
Daily Max. Wind speed	3.4 ~ 7.9%	26	25	28	28	28	26	20	22	13	12	20	20	268	
	8.0 ~ 13.8%		1											1	
	13.9%													1	

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow														
	Sleet														
	Snow Pellet														
	Hail														
	Fog														
	Frost														
	Freezing														
	Haze														
	Yellow Sand														
	Thunder Storm														
Sunshine (0%)	3	1	3	3	1	2	3	3	3	4	5	1	0	29	
< 20%	4	4	6	7	4	7	13	6	16	9	8	1	1	85	
80%	14	12	8	7	10	2	1	1	0	2	9	18		84	
Cloud Amount	2.4														
2.5 ~ 5.4															
5.5 ~ 7.4															
7.5															
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10238	10237	10225	10145	10087	10103	10088	10088	10085	10162	10231	10227	
		2nd	10208	10196	10206	10142	10151	10049	10055	10051	10153	10212	10205	10250	
		3rd	10269	10272	10201	10114	10098	10067	10093	10034	10172	10204	10248	10243	
	Mean Temp. (0.1)	1st	- 18	- 46	34	106	156	189	228	252	207	159	55	- 2	
		2nd	- 56	7	33	103	154	216	223	258	192	130	66	0	
		3rd	- 55	- 9	59	130	177	216	244	205	173	104	12	2	
	Mean Max.Temp. (0.1)	1st	55	40	102	189	227	257	278	321	259	218	126	77	
		2nd	12	72	111	173	246	273	269	332	237	216	151	69	
		3rd	0	45	138	211	264	278	303	266	230	151	74	53	
	Mean Min.Temp. (0.1)	1st	- 83	- 131	- 32	30	80	117	187	205	173	114	- 8	- 70	
		2nd	- 118	- 53	- 37	38	60	163	185	204	154	71	0	- 58	
		3rd	- 117	- 58	- 18	50	86	159	196	152	129	60	- 39	- 51	
	Mean D.P.Temp. (0.1)	1st	- 105	- 155	- 47	11	52	92	176	209	182	121	0	- 75	
		2nd	- 139	- 65	- 57	21	34	135	181	203	148	94	22	- 57	
		3rd	- 152	- 105	- 42	28	71	133	204	151	138	68	- 46	- 46	
	Mean Vapor Press (0.1hPa)	1st	30	19	50	70	93	119	202	247	210	145	65	36	
		2nd	24	45	44	76	83	157	209	240	172	120	76	44	
		3rd	23	30	46	79	106	154	243	174	160	101	49	48	
	Mean Rel. Humid. (%)	1st	56	48	62	60	57	58	75	80	87	81	72	63	
		2nd	57	62	59	63	54	63	79	75	79	83	78	70	
3rd		52	53	55	58	59	62	81	75	82	81	70	73		
Mean Wind Speed (0.1m/s)	1st	17	17	15	16	21	15	13	11	11	13	13	14		
	2nd	16	15	14	18	17	14	12	14	14	10	11	13		
	3rd	19	15	16	17	15	15	11	16	11	12	12	15		
Total Precip. (0.1mm)	1st		0	340	385	322	10	3410	145	440	508	18	21		
	2nd	32	385	25	509	120	200	371	42	488	15	177	8		
	3rd	3	103	19	351	120	250	384	431	51	226	40	499		
Total Evaporation (0.1mm)	1st														
	2nd														
	3rd														
Total Sunshine (0.1hr)	1st	729	864	605	678	661	632	373	787	245	349	556	674		
	2nd	650	490	599	665	1026	549	358	814	290	558	562	860		
	3rd	582	561	751	678	1010	549	635	476	291	520	504	754		
Mean Cloud Amount (0.1)	1st														
	2nd														
	3rd														
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 30						10		25					
		Max. Temp. < 25				25						04			
		Mean Temp. < 25							09	19					
		Min. Temp. < 25													
	Continue	Max. Temp. < 30								10 - 25					
		Max. Temp. < 25							17	25					
		Mean Temp. < 25								10 - 16					
		Min. Temp. < 25													
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0							17	29					
Mean Temp. < 0										12					
Min. Temp. < 0					10						12				
Frost															
Continue	Freezing														
	Snow														
	Snow Cover														
	Max. Temp. < 0							23 - 25							
	Mean Temp. < 0							05 - 28							
	Min. Temp. < 0							24	11						
Frost															
Freezing															
Snow															
Snow Cover															

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Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	9974	9972	9954	9885	9869	9836	9844	9822	9896	9945	9971	9979	9912
		Mean Sea Level	10242	10237	10212	10135	10113	10075	10082	10058	10139	10195	10230	10243	10163
		Highest	10342	10354	10296	10246	10270	10157	10153	10134	10233	10310	10353	10350	10354
		Date	01	25	01	20	14	06	07	27	21	30	29	30	02/25
		Lowest	10080	9983	10095	9855	9897	9944	9985	9864	9972	10040	10115	10051	9855
		Date	18	14	18	17	03	24	13	31	01	05	05	22	04/17
(0.1)	Air Temp.	Mean	- 27	3	63	132	180	220	242	255	199	139	58	11	123
		Mean Max.	19	55	125	204	256	282	296	320	252	196	116	63	182
		Mean Min.	- 77	- 46	- 3	65	104	163	202	201	159	94	2	- 43	68
		Highest	114	148	203	282	308	317	339	355	307	266	198	131	355
		Date	03	13	31	26	19	10	31	12	04	04	14	20	08/12
		Lowest	- 169	- 142	- 79	9	62	86	169	113	82	7	- 73	- 109	- 169
		Date	24	03	01	01	14	02	15	27	21	30	26	30	01/24
(0.1hPa)	Vapor Press.	Mean	29	34	48	85	109	176	247	229	185	120	62	44	114
		Highest	73	146	120	159	195	250	334	317	264	263	129	123	334
		Date	03	13	18	22	24	12	25	13	05	03	14	22	07/25
		Lowest	6	12	12	31	37	77	146	112	95	36	15	12	6
		Date	23	21	10	23	20	01	09	29	20	30	24	16	01/23
(0.1) Mean D.P.Temp.			- 118	- 96	- 46	38	77	152	208	193	161	92	- 11	- 55	50
Rel. Humid. (%)	Mean	53	51	52	60	57	69	84	72	80	75	65	64	65	
	Lowest	11	15	8	12	11	22	28	21	33	19	13	13	8	
	Date	11	22	17	23	20	05	09	24	20	30	02	02	03/17	
(0.1mm)	Precip.	00-24h Total	40	499	369	1720	911	620	4863	620	1119	930	189	753	12633
		09-09h Total													
	Highest	1 Daily	30	275	320	340	515	390	1750	315	495	285	105	430	1750
		Date	17	12	05	16	03	24	04	26	17	05	18	21	07/04
	6	6 - Hour	30	155	230	455	395	350	795	251	290	235	90	420	795
		Date	17	12	06	17	03	24	04	26	17	08	19	22	07/04
	1	60 - Minute				135	95	140	515	105	75	80			515
		Date				17	03	15	05	26	17	07			07/05
	10	10 - Minute				40	20	70	160	25	30	25			160
		Date				17	03	15	05	26	27	07			07/05
2	2 - Day		405	335	610	521	160	2295	316	575	345	130	670	2295	
	Date		12 - 13	04 - 05	16 - 17	02 - 03	14 - 15	04 - 05	25 - 26	17 - 18	07 - 08	18 - 19	21 - 22	07/04 - 07/05	
3	3 - Day		409	340	625	526	230	3865		620			671	3865	
	Date		12 - 14	04 - 06	16 - 18	02 - 04	12 - 15	01 - 07		16 - 18			21 - 23	07/01 - 07/07	
(0.1mm)	Evapor.	Small													
		Total Highest Date													
(0.1mm)	Large	Total Highest Date													
(0.1%)	Wind	Mean Speed	41	37	28	25	26	19	15	18	13	17	25	30	25
		Highest Speed	127	98	100	105	114	80	69	82	50	76	84	96	127
		Highest Dir.	NW	NW	NW	WNW	NW	NNW	NNW	W	NW	NNW	NW	NW	NW
		Date	19	28	06	17	04	25	13	31	28	31	24	05	01/19
		Highest Gust Speed	169	148	134	136	136	120	112	120	84	122	145	143	169
		Highest Gust Dir.	NNW	NW	WNW	NW	NW	NW	NW	WNW	SSW	WNW	WNW	NNW	NNW
		Date	19	09	01	17	16	25	05	31	01	05	24	29	01/19
		Resultant Speed	35	30	16	10	12	5	2	7	2	6	17	24	14
		Date													
		Resultant Dir.	NW	NW	NW	WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	
(0.1)	Cloud Amount	Mean													
		Mean Low Mid.													
Sunshine	Total(0.1hr)	1949	1895	2025	2102	2863	1998	1342	2365	947	1293	1495	1528	21802	
	Perc.(0.1%)	632	603	545	532	652	454	301	564	254	371	487	508	489	
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall Total													
(0.1)	Grass Min. Temp.	Mean	- 95	- 65	- 23	49	84	148	197	188	139	64	- 19	- 69	50
		Lowest	- 173	- 169	- 90	- 22	35	54	169	103	54	- 13	- 112	- 148	- 173
		Date	24	03	01	01	22	02	15	27	21	30	26	30	01/24
				Date	- 19	17	92	173	250	297	290	341	232	163	70
(0.1)	Mean Soil Temp.	Surface													
		0.05m													
		0.1m													
		0.2m													
		0.3m													
		0.5m													
		1.0m													
		1.5m													
		3.0m													
		5.0m													
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	28	23	18	16	20	21	22	30	22	27	35	21	35
		NE	20	16	31	30	16	16	31	20	33	17	12	31	33
		ENE	21	11	37	34	32	20	37	28	29	20	13	20	37
		E	15	22	32	33	23	23	20	32	31	21	13	18	33
		ESE	23	22	36	36	49	46	33	34	26	46	41	14	49
		SE	31	31	45	44	38	43	30	32	32	36	35	30	45
		SSE	36	31	43	45	38	42	38	30	25	32	26	27	45
		S	37	24	51	54	51	40	39	36	31	30	26	31	54
		SSW	20	28	36	56	47	39	24	28	36	32	25	16	56
		SW	19	35	45	43	50	26	19	22	39	13	13	27	50
		WSW	29	32	10	47	45	21	20	31	14	19	30	27	47
		W	63	55	66	54	89	28	27	81	24	17	36	46	89
		WNW	101	91	81	102	92	61	49	56	32	58	73	87	102
		NW	111	90	95	97	113	77	55	69	46	70	81	85	113
	NNW	68	81	54	65	67	66	48	66	30	64	51	76	81	
	(0.1%)	N	41	36	44	47	21	22	22	31	20	32	23	42	47
	Hourly Occurrence Percentage	CALM	36	32	47	49	28	60	94	56	141	83	78	80	65
		NNE	5	11	13	24	15	26	16	19	21	13	6	16	15
		NE	19	9	16	19	15	8	39	17	21	19	8	8	17
		ENE	15	9	20	15	19	14	23	23	27	24	8	7	17
		E	4	9	22	17	12	11	22	13	10	26	8	9	14
		ESE	7	17	19	25	23	40	26	30	34	30	24	11	24
		SE	24	36	87	106	60	65	93	63	84	70	65	39	66
		SSE	87	55	98	118	129	111	163	116	90	116	107	85	106
		S	30	23	40	72	101	118	73	75	71	79	60	50	66
		SSW	7	9	15	36	30	42	32	34	28	27	15	9	24
		SW	4	10	19	13	12	22	8	17	21	8	7	8	12
WSW		5	11	4	8	17	17	17	15	14	16	8	8	12	
W		9	27	17	18	30	35	24	30	20	12	14	13	21	
WNW	274	250	133	108	125	61	91	85	57	86	164	167	133		
NW	404	385	333	267	254	221	167	247	197	230	292	366	280		
NNW	64	96	89	88	110	118	86	124	123	130	122	103	104		
(0.1%)	N	5	11	27	18	20	31	27	36	42	31	14	20	24	
Number of Days With Classified	Daily Max. Temp.	0.0	8	2										2	12
		0.1 ~ 10.0	21	24	10								10	23	88
		10.1 ~ 20.0	2	3	20	13	3				3	14	20	6	84
		20.1 ~ 30.0			1	17	26	23	16	6	26	17			132
	Daily Mean Temp.	30.1					2	7	15	25	1				50
		-5.0	7	1											8
		-4.9 ~ 0.0	15	13	1								4	13	46
		0.1 ~ 10.0	9	14	25	1						2	20	18	89
	Daily Min. Temp.	10.1 ~ 20.0		1	5	29	26	4	2	6	13	28	6		120
		20.1					5	26	29	25	17	1			103
		-15.0	1												1
		-14.9 ~ -5.0	18	14	3								4	15	54
	Daily Precip.	-4.9 ~ 0.0	11	13	14								12	13	63
		0.1 ~ 10.0	1	2	14	29	16	1			2	18	14	3	100
		10.1				1	15	29	31	31	28	13			148
		0.1mm	2	5	6	13	8	5	16	7	18	9	7	8	104
	60 - Minute Max. Precip.	10.0mm		2	1	6	3	2	8	2	2	4	1	2	33
		30.0mm			1	2	1	1	7	1	1			1	15
		80.0mm							1						1
		100.0mm							1						1
	10 - Minute Max. Precip.	1.0mm				10	5	3	11	5	9	7			50
		6.0mm				4	1	2	7	1	1	2			18
		10.0mm				2		2	7	1					12
		20.0mm							4						4
10 - Minute Max. Precip.	30.0mm							1						1	
	0.1mm				13	8	5	15	7	18	9			75	
	1.0mm				8	3	3	9	2	9	6			40	
	5.0mm						2	5						7	
Daily Max. New Snowfall	10.0mm							2						2	
	0.1cm														
	5.0cm														
	10.0cm														
Daily Max. Snow Depth	30.0cm														
	0.1cm														
	5.0cm														
	10.0cm														
Daily Min. Rel. Humid.	20%	6	9	13	8	9					1	4	6	56	
	21 ~ 30%	10	14	9	15	12	7	1	3			7	5	83	
	31 ~ 40%	9		6	2	5	8	4	12	2	11	6	3	68	
	41 ~ 50%	3	4	2	1	1	10	6	11	9	5	3	8	63	
Daily Max. Wind speed	51 ~ 70%	3	1		3	3	4	14	5	14	13	9	8	77	
	71%		1	1	1	1	1	6		5	1	1	1	19	
	0.5 ~ 3.3%	3	2	2	2		6	9	9	22	12	7	6	80	
	3.4 ~ 7.9%	11	18	24	23	25	22	22	21	8	19	21	17	231	
Daily Max. Wind speed	8.0 ~ 13.8%	17	9	5	5	6	2					2	8	55	
	13.9%														

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Number of Days With Phenomena	Snow															
	Sleet															
	Snow Pellet															
	Hail															
	Fog															
	Frost															
	Freezing															
	Haze															
	Yellow Sand															
	Thunder Storm															
Sunshine (0%)	2	3	3	3	1	3	3	3	3	7	4	4	3	39		
< 20%	4	5	7	5	4	6	13	5	14	13	8	8	8	92		
80%	13	12	11	7	14	5	1	6	0	4	9	9	9	91		
Cloud Amount	2.4															
2.5 ~ 5.4																
5.5 ~ 7.4																
7.5																
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10240	10238	10227	10144	10090	10105	10090	10089	10087	10164	10232	10229		
		2nd	10211	10200	10207	10144	10152	10052	10058	10051	10155	10213	10205	10252		
		3rd	10273	10276	10202	10116	10100	10070	10095	10036	10174	10206	10253	10247		
	Mean Temp. (0.1)	1st	4	-16	48	132	170	205	236	268	217	167	70	11		
		2nd	-41	21	56	118	174	227	233	278	199	141	84	12		
		3rd	-42	5	82	147	195	228	256	221	182	112	20	10		
	Mean Max.Temp. (0.1)	1st	49	41	101	206	237	275	288	334	269	220	125	69		
		2nd	9	73	119	183	261	284	281	348	248	217	155	68		
		3rd	-1	50	152	223	269	287	316	282	239	155	67	52		
	Mean Min.Temp. (0.1)	1st	-43	-80	-5	59	107	135	201	219	178	129	15	-49		
		2nd	-91	-27	-9	63	85	178	193	219	161	83	15	-41		
		3rd	-94	-31	3	73	119	176	212	169	139	72	-23	-40		
	Mean D.P.Temp. (0.1)	1st	-91	-135	-49	28	74	119	208	222	182	118	1	-69		
		2nd	-127	-56	-51	38	62	170	196	208	159	93	18	-54		
		3rd	-133	-97	-38	49	93	165	218	154	141	66	-52	-45		
	Mean Vapor Press (0.1hPa)	1st	34	22	50	79	108	143	247	268	209	144	66	38		
		2nd	26	47	47	84	98	195	229	247	183	119	74	44		
		3rd	26	32	47	90	120	190	263	177	163	101	46	48		
	Mean Rel. Humid. (%)	1st	53	42	54	57	59	63	87	79	82	75	65	59		
		2nd	55	60	53	64	55	74	82	69	79	75	67	65		
3rd		52	50	48	59	57	70	82	69	79	75	63	68			
Mean Wind Speed (0.1m/s)	1st	43	38	32	27	30	18	15	15	12	18	25	30			
	2nd	40	35	24	28	25	19	16	18	13	16	23	29			
	3rd	40	38	27	20	25	21	14	21	13	17	28	33			
Total Precip. (0.1mm)	1st			340	435	721	0	3865	84	412	650	29	21			
	2nd	30	409	25	835	75	230	615	0	630	15	135	10			
	3rd	10	90	4	450	115	390	383	536	77	265	25	722			
Total Evaporation (0.1mm)	1st															
	2nd															
	3rd															
Total Sunshine (0.1hr)	1st	717	894	604	718	701	775	365	888	335	369	534	513			
	2nd	624	459	640	706	1133	614	335	948	317	648	579	552			
	3rd	608	542	781	678	1029	609	642	529	295	276	382	463			
Mean Cloud Amount (0.1)	1st															
	2nd															
	3rd															
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 0					18			04				110(50)		
		Max. Temp. < 25			22						04			166(124)		
		Mean Temp. < 25							08	25				49(38)		
		Min. Temp. < 25												(0)		
	Continue	Max. Temp. < 30							26	25				31		
		Max. Temp. < 25							17	25				40		
		Mean Temp. < 25							24	25				33		
		Min. Temp. < 25														
	'15.7-'16.6 Low Temp. Phenomena		'15	7	8	9	10	11	12	'16	1	2	3	4	5	6
	Genesis	Max. Temp. < 0							17		29				75(12)	
		Mean Temp. < 0						26				01			97(49)	
		Min. Temp. < 0				31						28			150(107)	
Frost																
Freezing																
Continue	Snow															
	Snow Cover															
	Max. Temp. < 0							19	25					7		
	Mean Temp. < 0							18	26					9		
	Min. Temp. < 0							05	11					38		
Frost																
Freezing																
Snow																
Snow Cover																

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Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10029	10025	10004	9934	9917	9884	9889	9867	9941	9992	10022	10032	9961
		Mean Sea Level	10246	10240	10213	10136	10116	10078	10082	10059	10138	10195	10232	10245	10165
		Highest	10339	10359	10301	10243	10265	10154	10153	10131	10231	10317	10346	10350	10359
		Date	01	25	01	20	14	06	06	27	21	30	29	30	02/25
		Lowest	10090	9994	10099	9878	9912	9953	9990	9880	9976	10043	10117	10049	9878
	Date	18	14	18	17	03	24	13	31	01	05	05	22	04/17	
(0.1)	Air Temp.	Mean	- 21	3	65	133	180	220	241	253	194	135	55	18	123
		Mean Max.	24	56	127	202	252	278	293	317	244	191	111	69	180
		Mean Min.	- 61	- 45	4	68	106	168	204	203	159	94	7	- 29	73
		Highest	119	130	214	270	300	313	343	363	299	281	186	145	363
		Date	02	14	31	26	18	18	31	12	04	03	14	22	08/12
		Lowest	- 162	- 102	- 100	21	63	93	174	123	84	9	- 62	- 87	- 162
	Date	24	02	01	01	17	02	15	27	21	30	26	30	01/24	
(0.1hPa)	Vapor Press.	Mean	27	31	43	76	97	159	224	208	180	117	57	41	105
		Highest	66	128	116	151	181	232	297	344	269	250	134	140	344
		Date	03	13	06	17	24	24	30	03	05	03	19	22	08/03
		Lowest	5	8	10	20	33	69	161	98	86	22	12	8	5
		Date	24	07	10	23	16	02	09	24	20	30	24	16	01/24
(0.1) Mean D.P.Temp.		- 125	- 110	- 61	23	59	135	192	178	156	86	- 25	- 67	37	
Rel. Humid. (%)	Mean	48	46	46	53	51	62	76	66	80	75	61	57	60	
	Lowest	12	10	8	7	9	19	29	18	36	13	14	10	7	
	Date	12	07	17	23	19	02	09	24	20	30	16	11	04/23	
(0.1mm)	Precip.	00~24h Total	74	426	421	1680	730	495	4076	517	1401	1222	260	636	11938
		09~09h Total													
	Highest	1 Daily	35	195	275	320	300	380	1610	225	740	295	125	325	1610
		Date	29	12	05	21	03	24	04	26	17	05	18	21	07/04
	6 6 - Hour	Date	29	115	225	270	200	315	725	180	480	255	135	300	725
		Date	17	12	06	21	03	24	04	26	17	08	19	22	07/04
	1 60 - Minute	Date				90	70	105	225	60	125	85			225
		Date				16	03	24	06	26	17	08			07/06
	10 10 - Minute	Date				35	20	25	100	15	35	35			100
		Date				17	03	24	04	31	04	03			07/04
2 2 - Day	Date	37	265	360	400	345	70	1735	227	880	460	200	455	1735	
	Date	28 - 29	12 - 13	04 - 05	16 - 17	02 - 03	14 - 15	04 - 05	26 - 27	17 - 18	07 - 08	18 - 19	21 - 22	07/04 - 07/05	
3 3 - Day	Date		270	361	415		75	3341	507	890	197		470	3341	
	Date		12 - 14	04 - 06	16 - 18		14 - 16	01 - 08	26 - 31	16 - 18	26 - 03		21 - 23	07/01 - 07/08	
(0.1mm)	Evapor.	Small	Total												
			Highest												
	Large	Total													
		Highest													
(0.1%)	Wind	Mean Speed	24	24	19	21	20	16	13	16	12	14	17	20	18
		Highest Speed	89	78	66	95	89	64	65	65	52	60	61	75	95
		Highest Dir.	WNW	WNW	NW	WNW	WNW	WNW	NW	ESE	E	WNW	WNW	WNW	WNW
		Date	19	15	09	17	04	17	29	08	19	31	15	27	04/17
		Highest Gust Speed	175	162	124	173	180	105	110	133	107	115	115	154	180
		Highest Gust Dir.	NW	NW	NW	WNW	WNW	W	NNW	NW	SE	NNW	NW	WNW	WNW
		Date	19	15	09	17	04	25	29	31	01	09	02	27	05/04
		Resultant Speed	21	20	10	4	7	1	1	3	3	2	10	15	7
		Resultant Dir.	WNW	WNW	WNW	WNW	WNW	WNW	ENE	NW	ENE	NNW	WNW	WNW	WNW
Cloud Amount (0.1)		Mean													
		Mean Low Mid.													
Sunshine		Total(0.1hr)	1772	1907	1988	2022	2729	1830	1361	2403	1033	1226	1554	1460	21285
		Perc.(0.1%)	573	606	535	513	623	417	305	573	277	352	506	484	477
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
		Total													
Grass Min. Temp. (0.1)	Mean	- 89	- 69	- 20	52	78	148	200	192	155	76	- 18	- 62	54	
	Lowest	- 166	- 132	- 134	- 15	23	56	174	117	70	- 22	- 95	- 118	- 166	
	Date	24	03	01	01	17	02	19	27	21	30	26	30	01/24	
(0.1)	Mean Soil Temp.	Surface	- 1	26	92	161	235	288	286	329	234	171	80	27	161
		0.05m Underground													
		0.1m "													
		0.2m "													
		0.3m "													
		0.5m "													
		1.0m "													
		1.5m "													
		3.0m "													
5.0m "															
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	14	7	6	7	6	9	13	7	9	17	15	13	17
		NE	8	9	13	20	19	11	14	14	15	13	13	7	20
		ENE	23	24	31	22	25	39	18	35	22	16	22	12	39
		E	22	32	43	55	45	58	44	38	45	49	35	27	58
		ESE	27	28	43	38	49	54	32	43	40	44	35	29	54
		SE	26	28	37	38	38	39	34	46	31	38	24	27	46
		SSE	10	28	27	30	33	29	28	26	29	18	12	14	33
		S	12	8	31	21	29	25	26	20	19	16	13	10	31
		SSW	7	5	14	11	21	19	8	8	25	10	7	21	25
		SW	8	8	10	19	13	22	20	12	7	13	6	10	22
		WSW	41	62	36	42	39	23	22	25	10	10	31	13	62
		W	64	60	45	84	76	43	31	46	22	42	45	61	84
		WNW	70	63	55	79	81	57	34	49	41	57	58	67	81
		NW	48	49	51	40	46	24	29	46	31	46	46	49	51
	NNW	38	32	23	18	22	28	20	42	11	36	38	42	42	
	(0.1%)	N	24	8	17	21	7	11	12	10	14	6	23	24	
	Hourly Occurrence Percentage	CALM	68	69	79	81	60	113	142	102	193	126	92	106	103
		NNE	3	1	3	3	1	6	9	3	6	12	6	3	5
		NE	3	1	9	8	12	6	15	5	17	9	6	7	8
		ENE	8	6	17	19	23	26	34	38	40	31	18	13	23
		E	43	45	79	115	109	108	128	110	132	141	86	62	97
		ESE	34	37	58	133	101	117	126	98	128	121	90	67	92
		SE	11	17	56	71	46	78	77	56	68	55	31	27	49
		SSE	7	6	19	33	24	28	20	28	33	12	7	3	18
		S	4	1	8	8	8	19	11	17	11	7	3	5	9
		SSW	1	1	5	4	7	7	7	1	6	4	1	3	4
		SW	1	3	3	3	3	9	8	5	3	3	1	5	4
WSW		7	22	12	17	22	4	13	9	4	8	10	9	11	
W		230	244	165	108	112	97	83	81	25	78	132	89	120	
WNW	432	437	332	272	293	226	194	235	154	223	365	444	301		
NW	118	91	126	106	164	131	106	188	167	141	133	126	133		
NNW	21	14	19	13	13	14	19	19	8	27	19	20	17		
(0.1%)	N	9	4	8	6	3	11	8	3	6	1	11	6		
Number of Days With Classified	Daily Max. Temp.	0.0	6	2										8	
		0.1 ~ 10.0	23	25	9								11	26	
		10.1 ~ 20.0	2	2	20	14	3	1		1	5	17	19	5	94
		20.1 ~ 30.0			2	16	28	22	16	6	25	14			129
	Daily Mean Temp.	30.1						7	15	24					46
		-5.0	7	1											8
		-4.9 ~ 0.0	16	12	2								4	8	42
		0.1 ~ 10.0	8	16	23	2						3	21	23	96
	Daily Min. Temp.	10.1 ~ 20.0			6	28	26	4	2	6	17	27	5		121
		20.1					5	25	29	25	13	1			98
		-15.0	1												1
		-14.9 ~ -5.0	14	18	4								3	9	48
	Daily Precip.	-4.9 ~ 0.0	15	9	9								12	16	61
		0.1 ~ 10.0	1	2	18	28	14	1			2	17	15	6	104
		10.1				2	17	29	31	31	28	14			152
		0.1mm	4	8	4	12	7	7	17	8	16	11	7	9	110
	60 - Minute Max. Precip.	10.0mm		1	1	7	3	1	6	2	3	4	1	3	32
		30.0mm				1	1	1	5	1	1			1	10
		80.0mm							1						1
		100.0mm							1						1
	10 - Minute Max. Precip.	1.0mm				11	6	5	12	3	7	8			52
		6.0mm				4	1	1	7	1	3	4			21
		10.0mm						1	6		1				8
		20.0mm							1						1
	Daily Max. New Snowfall	30.0mm							1						1
		0.1mm				12	7	7	17	8	16	11			78
		1.0mm				9	5	4	12	3	6	6			45
5.0mm								5						5	
Daily Max. Snow Depth	10.0mm							1						1	
	0.1cm														
	5.0cm														
	10.0cm														
Daily Min. Rel. Humid.	30.0cm														
	20%	7	12	14	15	13	2		1		1	8	8	81	
	21 ~ 30%	13	10	10	9	10	8	1	6		2	3	4	76	
	31 ~ 40%	6	3	4	1	4	9	3	14	4	8	7	8	71	
Daily Max. Wind speed	41 ~ 50%	2	2	2	2	3	6	14	6	8	6	4	4	59	
	51 ~ 70%	3	1		3	1	5	10	3	13	12	6	3	60	
	71%		1	1				3	1	5	2	2	4	19	
	0.5 ~ 3.3%	8	4	6	2	2	11	18	12	18	13	9	10	113	
Daily Max. Wind speed	3.4 ~ 7.9%	22	25	25	27	28	19	13	19	12	18	21	21	250	
	8.0 ~ 13.8%	1			1	1								3	
	13.9%														

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Number of Days With Phenomena	Snow															
	Sleet															
	Snow Pellet															
	Hail															
	Fog															
	Frost															
	Freezing															
	Haze															
	Yellow Sand															
	Thunder Storm															
Sunshine (0%)	2	3	2	2	2	2	2	4	2	7	5	3	5	39		
< 20%	5	5	7	7	4	9	14	4	13	13	7	8	8	96		
80%	8	12	10	7	13	3	2	6	2	5	8	8	8	84		
Cloud Amount	2.4															
2.5 ~ 5.4																
5.5 ~ 7.4																
7.5																
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10243	10242	10230	10146	10093	10105	10091	10090	10086	10165	10235	10231		
		2nd	10215	10203	10208	10146	10153	10055	10058	10052	10155	10213	10206	10253		
		3rd	10277	10280	10203	10117	10101	10071	10096	10038	10173	10207	10256	10251		
	Mean Temp. (0.1)	1st	13	-13	46	133	167	203	235	266	212	163	65	25		
		2nd	-34	20	58	118	174	231	231	278	192	137	82	20		
		3rd	-39	4	89	148	196	228	256	219	179	107	17	11		
	Mean Max.Temp. (0.1)	1st	59	45	100	206	233	264	284	329	264	219	125	84		
		2nd	14	71	120	178	257	288	280	345	237	207	145	71		
		3rd	1	50	158	220	265	283	314	280	229	152	64	55		
	Mean Min.Temp. (0.1)	1st	-28	-69	-5	61	102	142	201	216	177	126	16	-30		
		2nd	-74	-28	-4	65	89	184	197	224	161	90	27	-27		
		3rd	-79	-37	18	79	124	179	212	171	139	69	-23	-30		
	Mean D.P.Temp. (0.1)	1st	-95	-152	-58	12	51	102	193	206	178	114	-13	-78		
		2nd	-133	-68	-64	24	47	153	181	188	152	90	7	-66		
		3rd	-144	-110	-62	33	77	152	201	144	138	56	-69	-56		
	Mean Vapor Press (0.1hPa)	1st	32	20	47	71	93	128	225	243	204	141	61	36		
		2nd	24	43	44	77	89	175	208	219	175	116	69	42		
		3rd	25	29	40	82	108	174	237	167	160	96	41	45		
	Mean Rel. Humid. (%)	1st	47	37	51	51	52	57	80	72	82	75	61	50		
		2nd	49	56	47	57	49	65	75	61	80	76	64	57		
3rd		48	46	39	52	51	64	73	66	79	73	57	63			
Mean Wind Speed (0.1m/s)	1st	23	25	21	20	24	16	11	13	11	16	19	20			
	2nd	26	23	18	23	19	16	14	15	12	13	16	20			
	3rd	24	24	20	19	17	17	12	19	13	15	17	22			
Total Precip. (0.1mm)	1st			361	450	560	20	3341	10	380	836	40	35			
	2nd	37	271	60	675	70	95	575		905	36	200	16			
	3rd	37	155		555	100	380	160	507	116	350	20	585			
Total Evaporation (0.1mm)	1st															
	2nd															
	3rd															
Total Sunshine (0.1hr)	1st	638	897	576	692	692	717	362	826	318	395	548	547			
	2nd	545	464	628	623	1060	599	323	990	292	566	580	488			
	3rd	589	546	784	707	977	514	676	587	423	265	426	425			
Mean Cloud Amount (0.1)	1st															
	2nd															
	3rd															
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 30					18			25					100(48)	
		Max. Temp. < 25				22					04				166(122)	
		Mean Temp. < 25						23		25					64(37)	
		Min. Temp. < 25													(0)	
	Continue	Max. Temp. < 30								03 - 25					23	
		Max. Temp. < 25							17	27					42	
		Mean Temp. < 25								03 - 25					23	
		Min. Temp. < 25														
	'15.7 - '16.6 Low Temp. Phenomena		'15	7	8	9	10	11	12	'16	1	2	3	4	5	6
	Genesis	Max. Temp. < 0								17		29				75(10)
		Mean Temp. < 0										11				107(51)
		Min. Temp. < 0				31						24				146(101)
Frost																
Continue	Freezing															
	Snow															
	Snow Cover															
	Max. Temp. < 0								23 - 25						3	
	Mean Temp. < 0								11 - 28						18	
	Min. Temp. < 0								05	11					38	
	Frost															
	Freezing															
Snow																
Snow Cover																

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Element		1	2	3	4	5	6	7	8	9	10	11	12			
(0.1hPa)	Air Press.	Mean Station	10174	10175	10158	10087	10066	10033	10039	10015	10093	10143	10169	10175	10111	
		Mean Sea Level	10227	10228	10210	10138	10115	10082	10087	10062	10142	10193	10221	10228	10161	
		Highest	10321	10347	10302	10248	10274	10165	10180	10127	10226	10302	10342	10327	10347	
		Date	01	25	04	19	14	05	06	27	21	30	29	30	02/25	
		Lowest	10057	9999	10090	9837	9897	9942	9979	9858	9969	10031	10103	10034	9837	
		Date	18	14	18	17	03	24	13	31	01	05	22	04/17		
(0.1)	Air Temp.	Mean	5	28	74	130	185	217	245	257	208	160	92	50	138	
		Mean Max.	48	78	134	189	254	274	294	316	250	206	146	99	191	
		Mean Min.	-38	-16	19	72	119	173	208	216	177	123	45	8	92	
		Highest	149	193	206	275	323	317	358	386	322	272	222	167	386	
		Date	03	13	17	22	31	17	28	13	01	03	14	22	08/13	
		Lowest	-137	-56	-59	10	55	91	174	155	136	48	-21	-54	-137	
		Date	24	07	01	12	14	02	07	30	23	30	26	16	01/24	
(0.1hPa)	Vapor Press.	Mean	29	37	54	86	114	183	244	246	208	144	76	47	122	
		Highest	80	166	158	164	229	263	336	338	291	244	151	178	338	
		Date	17	13	06	17	24	24	12	01	27	03	05	22	08/01	
		Lowest	5	11	13	28	31	78	191	113	123	51	17	10	5	
		Date	24	21	01	05	04	01	15	31	20	31	24	16	01/24	
(0.1) Mean D.P.Temp.			-120	-88	-30	42	82	158	206	205	179	119	16	-51	60	
Rel. Humid. (%)		Mean	43	47	54	61	57	72	81	76	85	79	63	52	64	
		Lowest	12	11	9	11	11	23	38	25	30	38	14	13	9	
		Date	23	05	16	08	04	03	27	13	01	30	16	03	03/16	
(0.1mm)	Precip.	00-24h Total	125	181	271	1585	271	563	1732	696	3226	1362	443	428	10883	
		09-09h Total														
		Highest	1 Daily	55	55	130	565	150	285	620	450	885	705	225	175	885
			Date	29	13	05	21	10	16	04	28	03	05	06	26	09/03
		6	6 - Hour	35	45	120	435	75	285	355	183	495	550	185	100	550
			Date	29	14	06	21	10	16	04	28	03	05	06	26	10/05
		1	60 - Minute				108	25	265	190	124	115	235			265
			Date				07	24	16	02	16	03	05			06/16
		10	10 - Minute				26	10	115	95	55	40	55			115
			Date				07	16	16	02	16	10	05			06/16
2	2 - Day	100	110	169	450	165		705	505	1500	265	230	210	1500		
	Date	29 - 30	12 - 13	04 - 05	06 - 07	10 - 11		03 - 04	28 - 29	02 - 03	07 - 08	06 - 07	26 - 27	09/02 - 09/03		
3	3 - Day	110	116	184				1496	511	1575	286			1575		
	Date	28 - 30	12 - 15	04 - 06				01 - 08	28 - 31	02 - 05	26 - 02			09/02 - 09/05		
(0.1mm)	Evapor.	Small	Total													
			Highest													
	Large	Total														
		Highest														
(0.1%)	Wind	Mean Speed	36	33	28	34	30	22	18	26	25	24	26	31	28	
		Highest Speed	133	102	99	141	115	77	82	105	119	146	85	108	146	
		Highest Dir.	W	WNW	NNE	W	W	NE	NNE	NNE	NNE	NNE	NNE	WSW	NNE	
		Date	19	09	14	17	04	13	14	26	20	05	06	23	10/05	
		Highest Gust Speed	230	166	149	239	242	124	120	181	178	207	130	193	242	
		Highest Gust Dir.	WSW	W	NNE	W	W	ENE	NE	NNE	NNE	NE	NNE	WSW	W	
		Date	19	17	09	17	04	13	14	26	20	05	06	23	05/04	
		Resultant Speed	29	21	2	3	8	4	3	7	10	5	10	21	6	
		Date	W	W	WNW	NNW	SW	SE	SE	NE	NE	ENE	W	W	WNW	
Cloud Amount (0.1)		Mean														
		Mean Low Mid.														
Sunshine		Total(0.1hr)	1901	2026	2072	2134	2983	2057	1731	2560	1193	1367	1734	1783	23541	
		Perc.(0.1%)	614	644	558	541	681	469	388	611	321	392	564	591	528	
(0.01MJ/m) Total Horizontal Radiation																
Snow (0.1cm)	Highest	Snow Depth														
		Date														
		Snowfall														
		Date														
Grass Min. Temp. (0.1)		Mean	-70	-47	-8	52	100	157	194	201	162	106	25	-17	71	
		Lowest	-160	-89	-95	-10	35	77	163	142	119	28	-38	-73	-160	
		Date	24	07	01	01	14	02	15	27	21	30	26	16	01/24	
(0.1)	Mean Soil Temp.	Surface	0	27	87	150	231	269	290	319	226	169	85	35	157	
		0.05m														
		0.1m														
		0.2m														
		0.3m														
		0.5m														
		1.0m														
		1.5m														
3.0m																
		5.0m														
(0.01hr) Dur. of Precip.																
(0.01hr) Dur. of Fog																

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	99	91	92	113	89	73	72	101	111	130	80	75	130
		NE	40	89	90	90	60	70	66	65	92	89	70	59	92
		ENE	34	47	39	47	40	46	45	45	50	53	40	28	53
		E	10	47	51	49	46	43	38	49	53	54	49	20	54
		ESE	16	32	49	38	40	41	36	45	51	48	28	20	51
		SE	17	36	57	49	45	48	40	46	35	34	28	25	57
		SSE	27	51	48	70	46	44	34	46	31	27	37	26	70
		S	32	48	49	53	58	40	41	41	45	33	38	49	58
		SSW	27	38	41	39	55	36	35	45	49	38	38	45	55
		SW	36	39	31	50	69	28	31	39	35	30	32	34	69
		WSW	68	60	56	103	84	38	38	65	19	36	47	63	103
		W	119	86	65	134	96	46	50	57	20	51	62	77	134
		WNW	95	97	61	70	63	49	39	44	32	45	66	82	97
		NW	69	84	57	36	56	27	21	38	31	52	67	78	84
	NNW	47	38	29	47	33	21	20	55	24	55	53	50	55	
	(0.1%)	N	71	64	74	75	80	42	40	88	75	91	68	68	91
	Hourly Occurrence Percentage	CALM	47	33	50	40	31	64	85	40	72	40	38	20	47
		NNE	21	42	93	144	51	82	87	132	186	98	60	31	86
		NE	9	34	63	69	47	78	62	47	74	42	35	14	48
		ENE	7	7	13	15	32	36	31	50	28	55	15	7	25
		E	3	20	35	21	30	36	43	71	44	55	10	8	31
		ESE	5	4	17	19	15	19	43	26	25	50	6	14	20
		SE	4	13	22	35	35	40	52	40	40	30	21	18	29
		SSE	35	46	101	97	116	138	122	156	136	121	89	42	100
		S	55	99	177	188	243	224	191	160	169	199	154	111	164
		SSW	27	49	77	61	79	74	54	36	50	67	85	60	60
		SW	30	50	31	42	19	33	28	19	19	34	49	38	32
WSW		111	112	70	56	70	43	43	34	19	26	64	81	61	
W		333	216	93	90	95	61	62	35	13	67	135	246	120	
WNW	203	200	83	49	67	29	22	27	24	36	174	198	92		
NW	54	36	23	10	19	14	13	16	22	20	38	47	26		
NNW	15	16	8	18	11	10	11	19	14	17	14	22	14		
(0.1%)	N	42	23	44	46	40	19	51	93	64	43	17	45	44	
Number of Days With Classified	Daily Max. Temp.	0.0	5												5
		0.1 ~ 10.0	23	24	6								5	15	73
		10.1 ~ 20.0	3	5	23	20	3				2	11	23	16	106
		20.1 ~ 30.0			2	10	26	24	18	7	26	20	2		135
	Daily Mean Temp.	30.1					2	6	13	24	2				47
		-5.0	5												5
		-4.9 ~ 0.0	7	6	1									2	16
		0.1 ~ 10.0	19	22	22	7					2	16	27		115
	Daily Min. Temp.	10.1 ~ 20.0		1	8	21	22	6	3	2	13	25	14	1	116
		20.1				2	9	24	28	29	17	4			113
		-15.0													
		-14.9 ~ -5.0	11	4	1									1	17
	Daily Precip.	-4.9 ~ 0.0	14	18	8								4	13	57
		0.1 ~ 10.0	6	7	22	23	11	1			7	24	17		118
		10.1				7	20	29	31	31	30	24	2		174
		0.1mm	5	7	6	12	6	6	15	11	19	11	11	6	115
	60 - Minute Max. Precip.	10.0mm			1	4	1	2	6	2	7	5	1	2	31
		30.0mm				2			1	1	3	1			8
		80.0mm													1
		100.0mm													
10 - Minute Max. Precip.	1.0mm				11	4	3	11	6	15	8			58	
	6.0mm				2		2	6	2	6	2			20	
	10.0mm				1		2	4	1	3	1			12	
	20.0mm						1			1				2	
Daily Max. New Snowfall	30.0mm														
	0.1mm				12	6	6	15	11	19	11			80	
	1.0mm				9	3	3	9	3	14	7			48	
	5.0mm						1	3	1		1			6	
Daily Max. Snow Depth	10.0mm						1							1	
	0.1cm														
	5.0cm														
	10.0cm														
Daily Min. Rel. Humid.	30.0cm														
	20%	13	13	11	11	9						3	8	68	
	21 ~ 30%	15	9	9	4	10	6		2	1		7	9	72	
	31 ~ 40%		5	4	5	4	6	2	6		4	6	3	45	
Daily Max. Wind speed	41 ~ 50%			4	4	7	6	5	11	2	9	6	4	58	
	51 ~ 70%	1	1	2	5	1	11	18	11	19	16	7	7	99	
	71%	2	1	1	1		1	6	1	8	2	1		24	
	0.5 ~ 3.3%	1				1	2	2		3	4	2	2	17	
Daily Max. Wind speed	3.4 ~ 7.9%	15	19	26	21	24	28	28	28	23	23	24	21	280	
	8.0 ~ 13.8%	15	10	5	8	6		1	3	4	3	4	8	67	
	13.9%				1						1			2	

Element		1	2	3	4	5	6	7	8	9	10	11	12	
Number of Days With Phenomena	Snow													
	Sleet													
	Snow Pellet													
	Hail													
	Fog													
	Frost													
	Freezing													
	Haze													
	Yellow Sand													
	Thunder Storm													
Sunshine (0%)	3	1	2	2	1	1	5	2	9	5	2	3	36	
< 20%	4	2	7	7	2	7	10	6	13	13	5	7	83	
80%	13	13	10	11	16	7	3	9	3	6	9	14	114	
Cloud Amount	2.4													
2.5 ~ 5.4														
5.5 ~ 7.4														
7.5														
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10227	10227	10226	10149	10089	10113	10099	10095	10091	10164	10225	10212
		2nd	10195	10192	10205	10144	10156	10056	10064	10057	10159	10209	10197	10239
		3rd	10257	10269	10201	10121	10101	10076	10097	10038	10175	10204	10240	10233
	Mean Temp. (0.1)	1st	37	11	64	120	183	199	230	268	223	184	97	62
		2nd	- 10	44	72	129	169	229	235	277	205	166	120	50
		3rd	- 10	28	85	140	201	225	268	230	195	132	59	40
	Mean Max.Temp. (0.1)	1st	81	63	119	188	242	255	280	326	267	228	151	109
		2nd	36	93	127	184	243	288	277	343	238	218	182	100
		3rd	29	77	153	194	274	280	322	283	243	176	105	89
	Mean Min.Temp. (0.1)	1st	- 6	- 28	11	61	129	148	196	227	196	150	50	14
		2nd	- 55	- 7	17	76	95	185	201	233	178	124	66	6
		3rd	- 51	- 12	27	79	133	185	225	190	158	97	19	5
	Mean D.P.Temp. (0.1)	1st	- 94	- 129	- 20	31	60	136	198	223	194	145	25	- 77
		2nd	- 131	- 49	- 41	44	75	167	201	222	178	122	49	- 34
		3rd	- 134	- 87	- 30	50	108	170	217	175	165	93	- 26	- 41
	Mean Vapor Press (0.1hPa)	1st	33	24	62	80	100	160	232	269	227	171	79	37
		2nd	26	52	51	88	108	191	236	268	207	144	93	53
		3rd	28	35	51	91	133	196	261	205	190	120	58	52
	Mean Rel. Humid. (%)	1st	40	37	61	62	51	71	84	78	86	80	65	39
		2nd	43	55	51	61	60	71	83	75	86	78	66	58
3rd		44	48	50	61	59	74	76	73	84	79	58	58	
Mean Wind Speed (0.1m/s)	1st	35	34	29	31	37	22	18	23	20	27	26	32	
	2nd	37	34	27	31	28	23	18	22	33	23	23	30	
	3rd	37	31	29	39	24	21	18	34	22	23	30	32	
Total Precip. (0.1mm)	1st		25	184	655	181	5	1496	15	1807	976	235		
	2nd	15	116	70	155	40	288	211	129	1139	120	101	68	
	3rd	110	40	17	775	50	270	25	552	280	266	107	360	
Total Evaporation (0.1mm)	1st													
	2nd													
	3rd													
Total Sunshine (0.1hr)	1st	665	856	578	661	805	756	476	904	394	426	608	666	
	2nd	687	556	663	747	1116	640	400	1014	347	622	677	572	
	3rd	549	614	831	726	1062	661	855	642	452	319	449	545	
Mean Cloud Amount (0.1)	1st													
	2nd													
	3rd													
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 30					28			27				123(47)
		Max. Temp. < 25				22					03			165(117)
		Mean Temp. < 25						17			01			77(39)
	Continue	Min. Temp. < 25							28	14				18(3)
		Max. Temp. < 30							26	22				28
		Max. Temp. < 25							20	27				39
	'15.7 - '16.6	Mean Temp. < 25							24	25				33
		Min. Temp. < 25							14 - 14					1
		Low Temp. Phenomena	'15 7	8	9	10	11	12	'16 1	2	3	4	5	6
	Genesis	Max. Temp. < 0							19 - 25					
Mean Temp. < 0								17		01				76(21)
Min. Temp. < 0						01				27				148(74)
Continue	Frost													
	Freezing													
	Snow													
	Snow Cover													
	Max. Temp. < 0							23 - 25						3
	Mean Temp. < 0							18 - 26						9
Min. Temp. < 0							06 - 27						22	
Frost														
Freezing														
Snow														
Snow Cover														

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10142	10138	10113	10040	10022	9985	9991	9967	10044	10092	10131	10143	10067
		Mean Sea Level	10247	10241	10214	10138	10118	10079	10083	10059	10138	10189	10232	10246	10165
		Highest	10347	10364	10305	10245	10269	10155	10158	10131	10232	10337	10347	10354	10364
		Date	01	25	01	20	14	05	06	27	21	31	29	30	02/25
		Lowest	10088	9996	10095	9865	9906	9949	9988	9883	9981	10038	10117	10052	9865
	Date	18	14	18	17	03	24	13	31	01	05	05	22	04/17	
(0.1)	Air Temp.	Mean	- 33	1	63	134	183	227	258	266	211	150	60	9	127
		Mean Max.	41	81	149	218	273	293	317	340	263	208	135	81	200
		Mean Min.	- 98	- 70	- 14	57	95	164	209	208	170	110	- 2	- 51	65
		Highest	153	189	223	285	322	341	360	380	325	279	210	148	380
		Date	03	13	30	26	18	18	31	13	01	04	14	05	08/13
		Lowest	- 193	- 142	- 113	- 9	36	75	175	136	95	12	- 76	- 123	- 193
	Date	24	03	01	01	17	02	21	27	21	30	26	16	01/24	
(0.1hPa)	Vapor Press.	Mean	30	35	52	95	123	190	261	236	213	148	69	46	125
		Highest	74	174	153	191	231	300	363	346	328	307	143	138	363
		Date	30	13	05	17	24	11	30	07	05	03	14	22	07/30
		Lowest	5	8	11	38	42	83	21	112	97	39	13	7	5
		Date	23	07	10	19	04	02	14	27	20	30	24	16	01/23
(0.1) Mean D.P.Temp.		- 111	- 96	- 37	55	94	163	216	197	182	121	4	- 51	61	
Rel. Humid. (%)	Mean	61	55	58	67	64	73	82	72	86	86	73	69	71	
	Lowest	10	7	4	14	11	19	27	18	29	23	12	9	4	
	Date	11	10	17	06	19	18	09	25	01	30	16	16	03/17	
(0.1mm)	Precip.	00~24h Total	53	173	526	1471	630	428	2328	830	2305	985	126	320	10175
		09~09h Total													
	Highest	1 Daily	40	100	380	320	165	200	570	360	885	410	79	135	885
		Date	29	12	05	07	10	24	04	08	17	05	18	26	09/17
	6 6 - Hour	Date	20	40	365	295	145	160	460	359	515	280	80	100	515
		Date	29	12	06	07	16	24	01	08	17	05	19	22	09/17
	1 60 - Minute	Date				75	50	80	235	354	150	90			354
		Date				07	24	30	30	08	02	05			08/08
	10 10 - Minute	Date				35	35	80	165	130	75	35			165
		Date				17	03	30	30	08	10	08			07/30
2 2 - Day	Date	48	145	424	390	230	202	790	385	915	275	104	150	915	
	Date	28 - 29	12 - 13	04 - 05	06 - 07	10 - 11	24 - 25	01 - 02	07 - 08	16 - 17	07 - 08	18 - 19	21 - 22	09/16 - 09/17	
3 3 - Day	Date			28	444	116		1930	438	1240	140			1930	
	Date		26 - 28	04 - 06	16 - 18			30 - 07	26 - 31	26 - 05	30 - 03			06/30 - 07/07	
(0.1mm)	Evapor.	Small													
		Total Highest Date													
(0.1mm)	Large	Total Highest Date													
(0.1%)	Wind	Mean Speed	13	15	12	15	16	13	11	13	9	9	10	12	12
		Highest Speed	85	74	52	90	92	66	54	67	56	52	62	66	92
		Highest Dir.	W	NNW	NW	WNW	W	WSW	SW	WSW	ENE	NE	NW	NW	W
		Date	19	29	10	17	04	30	05	31	19	05	01	27	05/04
		Highest Gust Speed	152	128	107	145	162	128	103	120	100	97	94	117	162
		Highest Gust Dir.	WNW	NW	NNW	W	W	WSW	WSW	W	NE	NE	NNW	W	W
		Date	18	29	01	17	03	30	02	31	20	05	01	01	05/03
		Resultant Speed	10	12	5	5	8	4	3	2	2	3	5	8	5
	Resultant Dir.	WNW	WNW	NW	WNW	W	W	WNW	NW	NNE	NNE	WNW	WNW	WNW	
(0.1)	Cloud Amount	Mean													
		Mean Low Mid.													
Sunshine	Total(0.1hr)	1492	1904	2094	2122	2884	2030	1892	2371	1076	1132	1613	1636	22246	
	Perc.(0.1%)	481	604	563	538	659	464	425	566	289	324	524	542	499	
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth Date													
		Snowfall Date													
		Total													
(0.1)	Grass Min. Temp.	Mean	- 144	- 111	- 53	27	66	138	195	193	153	87	- 37	- 89	35
		Lowest	- 242	- 184	- 156	- 46	5	45	157	129	67	- 22	- 115	- 165	- 242
		Date	24	03	01	01	17	02	21	27	21	30	26	16	01/24
(0.1)	Mean Soil Temp.	Surface	- 29	8	81	160	231	280	304	327	234	173	74	13	155
		0.05m Underground													
		0.1m "													
		0.2m "													
		0.3m "													
		0.5m "													
		1.0m "													
		1.5m "													
3.0m "															
	5.0m "														
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed (0.1%)	NNE	13	14	28	23	18	21	23	26	23	35	21	12	35
		NE	14	15	32	41	41	25	33	35	45	47	32	14	47
		ENE	11	14	34	36	41	29	32	40	47	33	28	19	47
		E	11	14	32	32	38	40	40	38	39	39	18	13	40
		ESE	14	15	30	37	35	46	24	37	24	36	19	16	46
		SE	15	18	23	34	28	33	23	31	25	34	14	11	34
		SSE	12	16	35	32	24	28	20	29	18	19	19	8	35
		S	17	22	27	31	40	26	28	40	24	18	16	10	40
		SSW	19	29	31	40	48	32	37	28	39	18	17	16	48
		SW	25	42	38	35	48	37	47	34	47	27	28	22	48
		WSW	43	45	40	81	81	52	36	63	23	31	46	37	81
		W	74	59	40	69	85	53	29	57	27	29	44	59	85
		WNW	70	70	49	71	68	48	38	46	25	39	49	61	71
		NW	45	61	47	53	52	31	42	44	19	26	51	45	61
	NNW	35	30	28	20	19	21	33	41	19	18	43	44	44	
	N	17	13	27	24	23	16	33	30	17	22	37	19	37	
	Hourly Occurrence Percentage (0.1%)	CALM	392	319	247	200	176	204	234	208	300	258	344	369	271
		NNE	28	33	60	85	59	57	75	95	68	78	53	40	61
		NE	26	24	40	44	34	46	79	79	85	97	35	39	52
		ENE	7	14	40	44	26	49	46	46	82	73	24	19	39
		E	11	4	19	14	16	22	32	26	29	48	13	9	20
		ESE	8	7	23	17	19	21	12	22	15	20	14	9	16
		SE	9	9	15	24	15	19	11	26	13	16	8	4	14
		SSE	4	3	16	15	22	25	13	32	7	19	13	5	15
		S	8	7	15	35	23	44	36	32	33	22	21	13	24
		SSW	11	19	28	39	69	51	59	44	39	30	24	12	35
		SW	20	36	31	58	56	83	75	39	47	50	54	36	49
		WSW	52	50	54	54	77	72	46	59	49	39	64	55	56
W		103	109	62	76	94	85	62	66	31	35	79	107	76	
WNW		162	177	81	58	65	67	54	31	40	34	81	121	80	
NW	44	73	50	43	42	28	40	38	35	35	38	32	41		
NNW	40	50	70	51	48	47	40	58	49	51	56	43	50		
N	74	65	149	142	161	79	85	99	79	97	82	85	100		
Number of Days With Classified	Daily Max. Temp.	0.0	5											5	
		0.1 ~ 10.0	23	20	5						1	7	20	76	
		10.1 ~ 20.0	3	9	21	8	1					10	21	11	85
		20.1 ~ 30.0			5	22	22	17	9	6	26	20	2		129
	Daily Mean Temp.	30.1					8	13	22	25	3				71
		-5.0	9	1										1	11
		-4.9 ~ 0.0	17	16	2								3	12	50
		0.1 ~ 10.0	5	11	23	2					2	21	18		82
	Daily Min. Temp.	10.1 ~ 20.0		1	6	28	26	4		4	10	26	6		111
		20.1					5	26	31	27	20	3			112
		-15.0	5												5
		-14.9 ~ -5.0	22	21	7								5	18	73
	Daily Precip.	-4.9 ~ 0.0	4	6	12	1							13	8	44
		0.1 ~ 10.0		2	12	27	16	1			1	13	11	5	88
		10.1				2	15	29	31	31	29	18	1		156
		0.1mm	3	5	5	12	7	9	12	10	18	12	6	7	106
	60 - Minute Max. Precip.	10.0mm		1	1	5	3	1	6	2	4	2		2	27
		30.0mm			1	2			3	1	2	1			10
		80.0mm													1
		100.0mm													
10 - Minute Max. Precip.	1.0mm				9	6	6	8	7	11	7			54	
	6.0mm				4		2	6	2	4	2			20	
	10.0mm							5	1	4				10	
	20.0mm							2	1					3	
Daily Max. New Snowfall	30.0mm													1	
	0.1mm				12	7	9	12	10	18	12			80	
	1.0mm				8	6	6	8	6	6	6			46	
	5.0mm						2	5	1	1				9	
Daily Max. Snow Depth	10.0mm								1	1				2	
	0.1cm														
	5.0cm														
	10.0cm														
Daily Min. Rel. Humid.	30.0cm														
	0.1cm	10	17	20	12	11	1		2			5	8	86	
	21 ~ 30%	11	6	6	7	10	7	1	10	1	1	8	4	72	
	31 ~ 40%	7	1	3	6	5	8	8	13	6	9	7	7	80	
Daily Max. Wind speed	41 ~ 50%	1	2	2	5	2	6	10	2	6	9	5	2	49	
	51 ~ 70%	1	2	2	5	2	6	10	2	6	9	5	2	52	
	71%	1	1					2	1	9	7	2	4	27	
	0.5 ~ 3.3%	10	8	8	5	7	9	17	12	23	21	16	15	151	
Daily Max. Wind speed	3.4 ~ 7.9%	19	21	23	24	22	21	14	19	7	10	14	16	210	
	8.0 ~ 13.8%	2			1	2								5	
	13.9%														

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow														
	Sleet														
	Snow Pellet														
	Hail														
	Fog														
	Frost														
	Freezing														
	Haze														
	Yellow Sand														
	Thunder Storm														
Sunshine (0%)	7	1	2	3	1	2	3	2	6	5	3	3	38		
< 20%	8	6	7	6	4	7	9	4	13	13	6	7	90		
80%	9	12	10	6	12	5	2	7	2	2	8	10	85		
Cloud Amount	2.4														
2.5 ~ 5.4															
5.5 ~ 7.4															
7.5															
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10246	10244	10229	10148	10096	10107	10094	10090	10087	10164	10235	10233	
		2nd	10216	10204	10209	10147	10156	10055	10059	10052	10155	10214	10206	10255	
		3rd	10277	10281	10205	10119	10103	10073	10096	10038	10173	10190	10255	10251	
	Mean Temp. (0.1)	1st	- 10	- 28	53	125	179	208	249	280	231	181	70	8	
		2nd	- 41	23	54	131	172	238	246	288	207	146	84	10	
		3rd	- 48	8	82	146	197	234	275	233	196	125	27	9	
	Mean Max.Temp. (0.1)	1st	77	66	131	221	255	279	305	353	285	236	151	95	
		2nd	30	99	139	202	273	304	302	367	254	222	171	82	
		3rd	19	78	174	233	290	297	343	304	251	170	84	69	
	Mean Min.Temp. (0.1)	1st	- 75	- 110	- 18	45	100	139	208	229	193	142	1	- 62	
		2nd	- 103	- 42	- 22	52	76	175	201	223	168	100	16	- 51	
		3rd	- 114	- 57	- 2	73	109	177	218	176	149	90	- 25	- 43	
	Mean D.P.Temp. (0.1)	1st	- 82	- 142	- 34	50	78	136	220	223	202	152	13	- 62	
		2nd	- 124	- 54	- 48	50	85	174	208	206	177	119	36	- 47	
		3rd	- 126	- 91	- 29	66	115	179	221	167	166	96	- 38	- 44	
	Mean Vapor Press (0.1hPa)	1st	34	21	57	91	112	160	266	271	239	180	72	40	
		2nd	26	49	50	92	115	202	248	246	208	142	84	48	
		3rd	29	34	51	101	139	207	269	194	193	123	52	49	
	Mean Rel. Humid. (%)	1st	63	49	62	69	59	70	87	76	87	86	72	65	
		2nd	58	62	57	65	66	73	82	67	86	87	77	71	
3rd		62	53	54	67	67	75	76	73	85	85	68	71		
Mean Wind Speed (0.1m/s)	1st	11	14	12	12	21	12	11	11	9	11	11	12		
	2nd	16	16	11	19	15	13	11	12	11	8	7	9		
	3rd	13	17	13	13	12	14	11	15	8	9	11	14		
Total Precip. (0.1mm)	1st			444	555	250	36	1850	390	1135	735	6	5		
	2nd	5	145	80	301	235	95	240	2	1030	100	104	25		
	3rd	48	28	2	615	145	297	238	438	140	150	16	290		
Total Evaporation (0.1mm)	1st														
	2nd														
	3rd														
Total Sunshine (0.1hr)	1st	264	890	588	639	762	702	470	785	368	404	630	574		
	2nd	657	488	656	752	1049	732	490	999	336	441	560	542		
	3rd	571	526	850	731	1073	596	932	587	372	287	423	520		
Mean Cloud Amount (0.1)	1st														
	2nd														
	3rd														
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 30					18				07			113(72)	
		Max. Temp. < 25				01					06		189(141)		
		Mean Temp. < 25						18		25			69(46)		
		Min. Temp. < 25											(0)		
	Continue	Max. Temp. < 30							21	25				36	
		Max. Temp. < 25							17	27				42	
		Mean Temp. < 25							23	25				34	
		Min. Temp. < 25													
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0							19 - 25						7(5)
Mean Temp. < 0						27				11				106(56)	
Min. Temp. < 0					30						01			155(115)	
Frost															
Continue	Freezing														
	Snow														
	Snow Cover														
	Max. Temp. < 0							23 - 25						3	
	Mean Temp. < 0							05 - 28						24	
	Min. Temp. < 0						24		11					50	
Frost															
Freezing															
Snow															
Snow Cover															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10184	10179	10153	10079	10060	10023	10027	10004	10082	10136	10171	10184	10107
		Mean Sea Level	10246	10241	10213	10137	10117	10078	10082	10059	10138	10194	10232	10246	10165
		Highest	10343	10364	10300	10245	10264	10154	10161	10129	10232	10317	10345	10348	10364
		Date	01	25	01	19	14	06	07	27	21	30	29	30	02/25
		Lowest	10092	9999	10097	9874	9910	9955	9992	9892	9976	10042	10119	10053	9874
		Date	18	14	18	17	03	24	13	31	01	05	05	22	04/17
(0.1)	Air Temp.	Mean	-3	25	83	149	197	235	261	273	214	157	77	31	142
		Mean Max.	42	80	145	214	265	286	310	331	256	203	132	78	195
		Mean Min.	-46	-26	24	90	130	186	221	225	182	121	30	-14	94
		Highest	131	156	226	274	311	327	359	366	308	268	208	157	366
		Date	03	13	30	22	30	19	28	12	01	04	05	05	08/12
		Lowest	-131	-74	-62	39	76	117	200	164	117	45	-35	-61	-131
(0.1hPa)	Vapor Press.	Mean	37	43	60	101	135	208	288	274	230	158	79	53	139
		Highest	92	170	162	205	237	309	391	369	332	317	178	150	391
		Date	04	13	05	17	24	11	29	02	04	03	14	22	07/29
		Lowest	8	10	14	26	40	82	206	129	132	29	18	9	8
		Date	23	07	16	01	04	02	15	29	20	30	24	16	01/23
		(0.1) Mean D.P.Temp.		-80	-66	-17	64	108	178	233	223	195	132	21	-30
Rel. Humid. (%)	Mean	60	56	56	64	63	74	87	77	91	87	72	68	71	
	Lowest	10	9	5	8	12	21	38	29	43	18	12	11	5	
	Date	05	07	16	01	18	02	09	25	20	30	15	16	03/16	
(0.1mm)	Precip.	00-24h Total	166	237	505	1637	594	290	3254	1147	2385	1551	120	194	12080
		09-09h Total													
	Highest	1 Daily	107	112	351	359	239	143	1071	581	1176	692	78	125	1176
		Date	29	12	05	27	10	24	06	08	17	05	18	26	09/17
	6 6 - Hour	Date	41	61	314	302	164	112	716	581	651	503	75	62	716
		Date	29	12	06	07	10	24	06	08	17	05	19	26	07/06
	1 60 - Minute	Date				87	62	44	515	581	132	199			581
		Date				07	10	11	06	08	17	03			08/08
	10 10 - Minute	Date				23	22	39	207	257	40	82			257
		Date				06	16	11	30	08	17	03			08/08
2 2 - Day	Date	137	154	397	443	271	26	1179		1245	358	89	32	1245	
	Date	28 - 29	12 - 13	04 - 05	06 - 07	10 - 11	21 - 22	06 - 07		17 - 18	07 - 08	18 - 19	21 - 22	09/17 - 09/18	
3 3 - Day	Date			155	408	158	58		2742		1304	402		2742	
	Date		12 - 14	04 - 06	16 - 18	02 - 04		30 - 07		16 - 18	26 - 03			06/30 - 07/07	
(0.1mm)	Evapor.	Small													
		Total Highest Date													
(0.1mm)	Large	Total Highest Date													
		Total Highest Date													
(0.1%)	Wind	Mean Speed	16	16	13	13	15	12	10	12	7	8	10	13	12
		Highest Speed	69	74	44	92	82	50	42	57	35	40	42	60	92
		Highest Dir.	WNW	WNW	W	W	WNW	WNW	WNW	W	ENE	WNW	WNW	WNW	W
		Date	19	14	10	17	04	25	29	31	20	31	24	22	04/17
		Highest Gust Speed	143	128	76	166	159	97	90	123	71	81	82	116	166
		Highest Gust Dir.	W	W	NW	W	WNW	WSW	W	WNW	NNE	WNW	NNW	WNW	W
		Date	19	14	30	17	04	25	29	31	20	31	01	22	04/17
		Resultant Speed	15	13	7	3	5	3	2	5	2	4	8	11	6
(0.1%)	Resultant Dir.	WNW	WNW	WNW	NW	WNW	WNW	NW	WNW	NW	NW	WNW	WNW	WNW	
		WNW	WNW	WNW	NW	WNW	WNW	NW	WNW	NW	NW	WNW	WNW	WNW	
(0.1)	Cloud Amount	Mean													
		Mean Low Mid.													
Sunshine	Total(0.1hr)	1669	1670	1958	1743	2038	1871	1710	2532	1005	1102	1395	1362	20055	
	Perc.(0.1%)	537	529	527	442	466	428	385	605	270	316	453	451	450	
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
Grass Min. Temp. (0.1)	Date	Mean	-81	-56	-8	50	86	156	208	208	167	88	-19	-65	61
		Lowest	-152	-119	-93	-32	26	60	179	138	89	3	-98	-121	-152
(0.1)	Mean Soil Temp.	Surface	25	03	01	01	17	02	18	30	21	30	26	11	01/25
		0.05m	-3	34	100	162	234	285	298	331	240	180	88	34	165
		0.1m													
		0.2m													
		0.3m													
		0.5m													
		1.0m													
		1.5m													
(0.1)	Date	3.0m													
		5.0m													
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	20	14	13	16	12	15	18	13	16	13	7	20	
		NE	8	19	19	19	18	24	34	25	17	21	14	10	34
		ENE	10	19	27	27	31	34	24	31	26	32	22	12	34
		E	11	27	24	26	31	30	19	21	17	27	16	11	31
		ESE	14	20	22	36	43	27	33	38	30	15	19	9	43
		SE	8	12	20	26	44	22	20	17	13	15	11	7	44
		SSE	8		10	16	20	19	19	15	16	7	8	8	20
		S	16	11	18	21	21	21	18	15	19	10	7		21
		SSW		6	12	19	23	20	19	10	18	5	6	5	23
		SW	6	9	12	22	31	17	15	25	29	7	7	9	31
		WSW	11	15	15	29	26	29	17	41	21	12	11	11	41
		W	47	43	32	86	64	39	33	48	16	24	37	44	86
		WNW	61	65	43	73	58	40	23	43	21	32	42	52	73
		NW	48	39	37	34	38	31	23	27	16	28	37	30	48
	NNW	34	52	34	33	25	26	35	25	19	24	25	25	52	
	(0.1%)	N	18	20	24	16	20	13	17	19	12	18	20	14	24
	Hourly Occurrence Percentage	CALM	158	149	149	129	84	133	179	77	318	319	336	314	195
		NNE		10	8	14	16	13	26	26	11	15	4	5	12
		NE	3	7	19	32	28	25	27	38	25	12	3	11	19
		ENE	7	26	50	76	34	49	62	74	69	65	28	15	46
		E	15	27	40	60	46	42	48	36	36	48	15	14	36
		ESE	13	23	46	99	78	93	63	40	39	30	32	24	48
		SE	4	9	19	49	38	63	56	31	25	16	8	8	27
		SSE	1		3	15	30	40	23	12	10	7	4	4	12
		S	1	7	8	10	16	24	16	7	8	9	3		9
		SSW		3	7	8	15	19	20	8	10	1	1	3	8
		SW	1	7	8	15	26	14	17	26	19	16	8	4	14
		WSW	24	24	40	32	38	38	30	47	56	31	32	11	34
W		129	136	208	181	195	194	181	199	199	139	138	106	167	
WNW		365	351	210	164	202	151	141	194	104	162	225	303	214	
NW	207	149	126	78	101	58	55	109	49	81	106	133	104		
NNW	59	56	40	29	39	36	36	55	17	30	49	35	40		
(0.1%)	N	12	14	19	10	14	8	19	23	6	20	8	11	14	
Number of Days With Classified	Daily Max. Temp.	0.0	5											5	
		0.1 ~ 10.0	23	20	4								7	25	
		10.1 ~ 20.0	3	9	25	9	1	1			1	15	22	6	92
		20.1 ~ 30.0			2	21	27	17	10	6	27	16	1		127
	Daily Mean Temp.	30.1					3	12	21	25	2				63
		-5.0	4												4
		-4.9 ~ 0.0	10	7									1	5	23
		0.1 ~ 10.0	17	21	18						2	21	25		104
	Daily Min. Temp.	10.1 ~ 20.0		1	13	30	20	1		1	9	26	8		109
		20.1					11	29	31	30	21	3			125
		-15.0													
		-14.9 ~ -5.0	13	8	1									3	25
	Daily Precip.	-4.9 ~ 0.0	17	16	8								5	17	63
		0.1 ~ 10.0	1	5	22	23	5				10	25	11		102
		10.1				7	26	30	31	31	30	21			176
		0.1mm	4	7	6	13	9	9	13	6	18	11	7	7	110
	60 - Minute Max. Precip.	10.0mm	1	1	1	6	3	1	8	3	3	4		1	32
		30.0mm			1	3			3	2	2	2			13
		80.0mm							1		1				2
		100.0mm							1		1				2
	10 - Minute Max. Precip.	1.0mm				10	6	6	11	4	12	7			56
		6.0mm				3	2		7	2	2	3			19
		10.0mm							5	1	1	3			10
		20.0mm							5	1					6
10 - Minute Max. Precip.	30.0mm							1	1					2	
	0.1mm				13	9	9	13	6	18	11			79	
	1.0mm				8	3	2	11	2	4	6			36	
	5.0mm							6	1		1			8	
Daily Max. New Snowfall	10.0mm							3	1					4	
	0.1cm														
	5.0cm														
	10.0cm														
Daily Max. Snow Depth	30.0cm														
	0.1cm														
	5.0cm														
	10.0cm														
Daily Min. Rel. Humid.	20.0cm														
	30.0cm	5	10	15	11	8					1	6	6	62	
	21 ~ 30%	6	10	6	6	7	5		1			2	4	47	
	31 ~ 40%	10	3	3	6	6	6	1	3		2	8	4	52	
Daily Max. Wind speed	41 ~ 50%	6	3	3	3	8	5	3	16	4	4	3	4	62	
	51 ~ 70%	2	2	2	2	2	10	19	10	12	16	8	9	94	
	71%	2	1	2	2	2	4	8	1	14	8	3	4	49	
	0.5 ~ 3.3%	12	9	22	22	20	23	26	23	27	27	20	18	249	
Daily Max. Wind speed	3.4 ~ 7.9%	19	20	9	7	10	7	5	8	3	4	10	13	115	
	8.0 ~ 13.8%				1	1								2	
	13.9%														

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Number of Days With Phenomena	Snow															
	Sleet															
	Snow Pellet															
	Hail															
	Fog															
	Frost															
	Freezing															
	Haze															
	Yellow Sand															
	Thunder Storm															
Sunshine (0%)	3	3	4	3	0	4	3	2	9	6	5	4	46			
< 20%	6	7	6	5	1	10	10	3	15	14	9	9	95			
80%	0	1	7	6	10	6	0	8	1	2	0	0	41			
Cloud Amount	2.4															
2.5 ~ 5.4																
5.5 ~ 7.4																
7.5																
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10244	10242	10229	10147	10096	10107	10092	10089	10087	10164	10235	10232		
		2nd	10214	10203	10208	10145	10155	10055	10058	10052	10155	10213	10205	10254		
		3rd	10277	10281	10203	10119	10102	10074	10096	10038	10173	10205	10255	10252		
	Mean Temp. (0.1)	1st	23	6	68	143	186	219	250	283	233	183	85	37		
		2nd	- 11	42	76	145	187	245	251	296	208	158	102	32		
		3rd	- 19	27	104	159	217	240	279	244	200	132	44	23		
	Mean Max.Temp. (0.1)	1st	78	63	125	214	245	273	296	341	278	226	146	94		
		2nd	33	99	135	199	265	298	296	354	248	217	162	79		
		3rd	18	78	172	228	285	287	335	301	242	168	87	64		
	Mean Min.Temp. (0.1)	1st	- 22	- 52	14	78	126	164	215	235	200	150	34	- 17		
		2nd	- 53	- 6	20	93	112	197	216	245	179	116	47	- 13		
		3rd	- 61	- 18	38	99	150	197	232	196	166	100	8	- 12		
	Mean D.P.Temp. (0.1)	1st	- 54	- 111	- 15	58	93	150	230	247	213	160	32	- 33		
		2nd	- 88	- 24	- 23	59	104	190	223	236	191	135	54	- 29		
		3rd	- 96	- 62	- 13	74	126	194	245	190	183	104	- 24	- 30		
	Mean Vapor Press (0.1hPa)	1st	43	27	65	97	124	175	283	311	254	189	83	51		
		2nd	34	60	59	98	130	222	270	292	223	156	97	54		
		3rd	35	42	58	108	149	227	309	223	212	131	57	53		
	Mean Rel. Humid. (%)	1st	61	45	61	65	61	70	91	83	90	88	73	65		
		2nd	59	66	56	62	65	75	86	73	91	88	78	68		
3rd		60	56	50	64	61	78	83	75	91	85	66	72			
Mean Wind Speed (0.1m/s)	1st	14	17	15	11	19	10	8	10	9	9	11	12			
	2nd	18	15	11	18	13	12	11	11	7	6	7	11			
	3rd	17	17	13	11	13	13	9	15	6	9	13	14			
Total Precip. (0.1mm)	1st			408	676	297	22	2702	589	817	1277	3	14			
	2nd	29	160	90	261	182	59	184	0	1393	157	90	23			
	3rd	137	77	7	700	115	209	368	558	175	117	27	157			
Total Evaporation (0.1mm)	1st															
	2nd															
	3rd															
Total Sunshine (0.1hr)	1st	619	804	569	646		719	434	801	395	345	579	539			
	2nd	560	391	587	698	990	654	418	1011	306	520	458	428			
	3rd	490	475	802	399	1048	498	858	720	304	237	358	395			
Mean Cloud Amount (0.1)	1st															
	2nd															
	3rd															
First and Last of Seasonal Phenomena	Genesis	Max. Temp. 30					18				04			110(65)		
		Max. Temp. 25			09						06			181(134)		
		Mean Temp. 25						18			04			79(51)		
		Min. Temp. 25							26	16				22(6)		
	Continue	Max. Temp. 30								22	25			35		
		Max. Temp. 25								17	27			42		
		Mean Temp. 25								22	25			35		
		Min. Temp. 25								13 - 16				4		
	'15.7 - '16.6 Low Temp. Phenomena		'15	7	8	9	10	11	12	'16	1	2	3	4	5	6
	Genesis	Max. Temp. < 0								19 - 24					6(4)	
Mean Temp. < 0								17		29				75(23)		
Min. Temp. < 0								01			15			106(82)		
Frost																
Continue	Freezing															
	Snow															
	Snow Cover															
	Max. Temp. < 0								23 - 24					2		
	Mean Temp. < 0								18 - 26					9		
	Min. Temp. < 0								05	11				38		

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2016

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10121	10118	10097	10027	10009	9973	9976	9953	10029	10080	10111	10121	10051
		Mean Sea Level	10239	10235	10211	10138	10117	10080	10082	10058	10137	10191	10226	10238	10163
		Highest	10339	10357	10294	10248	10266	10153	10173	10120	10222	10310	10338	10340	10357
		Date	01	25	01	19	14	05	06	27	21	30	29	30	02/25
		Lowest	10081	9989	10091	9870	9914	9942	9981	9882	9978	9997	10114	10046	9870
		18	14	18	17	03	24	13	31	01	05	05	22	04/17	
(0.1)	Air Temp.	Mean	- 7	23	77	140	190	226	261	269	214	160	79	34	139
		Mean Max.	47	87	147	209	266	280	313	331	259	213	144	94	199
		Mean Min.	- 58	- 33	12	76	113	176	218	217	179	119	24	- 22	85
		Highest	149	172	226	273	324	335	361	396	316	293	210	164	396
		Date	03	13	30	22	30	18	30	13	01	03	14	22	08/13
		Lowest	- 139	- 94	- 69	14	51	99	182	157	111	30	- 56	- 81	- 139
		24	03	01	12	17	02	22	30	21	30	26	07	01/24	
(0.1hPa)	Vapor Press.	Mean	32	40	61	94	116	186	251	238	211	146	72	49	125
		Highest	85	176	156	189	237	276	342	319	293	286	153	176	342
		Date	17	13	06	17	24	24	25	16	27	03	20	22	07/25
		Lowest	8	16	18	36	35	75	140	102	108	37	16	9	8
		24	23	10	18	04	03	23	31	20	30	24	16	01/24	
(0.1) Mean D.P.Temp.		- 103	- 75	- 15	55	85	160	210	199	181	120	8	- 46	65	
Rel. Humid. (%)	Mean	53	52	59	64	57	71	77	70	84	80	66	61	66	
	Lowest	11	10	11	13	10	16	29	22	33	20	12	12	10	
	Date	05	10	16	23	05	18	23	14	01	30	16	16	05/05	
(0.1mm)	Precip.	00-24h Total	225	173	759	1745	626	494	1835	892	3422	1087	138	356	11752
		09-09h Total													
	Highest	1 Daily	140	85	375	440	205	195	860	410	1255	470	110	165	1255
		Date	29	13	05	27	10	24	06	16	17	05	18	26	09/17
	6 6 - Hour	Date	29	13	06	07	16	24	06	16	17	05	19	22	09/17
		1 60 - Minute													
	Date	Date													
		10 10 - Minute													
	Date	Date													
		2 2 - Day	180	135	510	475	245	77	865	385	1560	270	115	171	1560
Date	Date	28 - 29	12 - 13	05 - 06	27 - 28	10 - 11	19 - 20	06 - 07	28 - 29	02 - 03	07 - 08	18 - 19	21 - 22	09/02 - 09/03	
	3 3 - Day	192	136	625			78	1681	386	1620	238			1681	
Date	Date	28 - 30	12 - 14	04 - 06			19 - 21	01 - 07	28 - 30	01 - 05	26 - 01			07/01 - 07/07	
	Evapor.	Total													
Highest															
(0.1mm)	Small														
	Date														
Large	Total														
	Highest														
Date	Date														
	(0.1%)	Wind	Mean Speed	24	24	17	19	19	17	16	17	12	14	16	20
Highest Speed			84	84	58	87	96	52	60	80	64	68	60	80	96
Highest Dir.			WNW	WNW	WNW	W	WNW	W	NNW	W	E	ENE	WNW	WNW	WNW
Date			19	15	01	17	04	25	07	31	19	05	24	29	05/04
Highest Gust Speed			147	136	103	142	220	97	96	150	112	132	103	135	220
Highest Gust Dir.			WNW	WNW	NW	WSW	W	W	W	W	ENE	ENE	WSW	WNW	W
Date			19	15	01	17	04	25	07	31	20	05	24	29	05/04
Resultant Speed			22	20	4	1	4	2	1	4	5	2	9	17	6
Resultant Dir.			WNW	WNW	WNW	W	W	ESE	ESE	ENE	ENE	NE	WNW	WNW	WNW
			Cloud Amount (0.1)	Mean											
	Mean Low Mid.														
Sunshine	Total(0.1hr)	1700	2109	2085	2083	2781	1805	1869	2707	993	1276	1490	1606	22504	
	Perc.(0.1%)	547	668	561	529	637	413	421	647	267	365	483	531	504	
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
Date	Total														
	Grass Min. Temp. (0.1)	Mean	- 118	- 82	- 29	45	67	142	193	186	152	88	- 15	- 63	47
Date	Lowest	- 181	- 162	- 117	- 18	0	46	148	124	71	- 5	- 105	- 119	- 181	
	Date	24	03	03	01	17	02	22	29	21	30	26	07	01/24	
(0.1)	Mean Soil Temp.	Surface	- 6	31	95	155	222	256	283	329	231	172	83	33	157
		0.05m													
		Underground													
		0.1m													
		0.2m													
		0.3m													
		0.5m													
		1.0m													
		1.5m													
		3.0m													
5.0m															
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Wind Directions Only	Hourly Occurrence Maximum Speed (0.1%)	NNE	9	29	22	20	14	6	17	13	24	49	13	10	49	
		NE	6	17	30	22	17	16	21	40	51	41	18	13	51	
		ENE	9	21	36	37	29	29	37	57	55	54	35	15	57	
		E	13	27	46	58	48	51	44	47	54	51	50	24	58	
		ESE	18	24	41	52	40	44	42	47	35	41	38	23	52	
		SE		9	46	45	42	37	34	38	27	32	14	9	46	
		SSE	8	8	37	24	34	23	38	21	38	10	12	10	38	
		S	6	11	14	20	27	24	20	21	15	20	9	9	27	
		SSW	15	8	23	22	25	22	27	16	13	15	16	18	27	
		SW	26	45	22	29	34	30	42	30	36	23	14	20	45	
		WSW	31	21	40	33	37	32	36	31	32	23	22	25	40	
		W	53	59	47	84	81	46	43	66	36	39	45	59	84	
		WNW	80	79	51	64	95	43	33	44	26	48	57	66	95	
		NW	72	68	48	59	51	45	33	37	37	39	48	60	72	
		NNW	25	51	36	13	26	30	42	41	26	44	45	40	51	
		N		27	34	18	31	7	31	25	28	11	15		34	
		Hourly Occurrence Percentage (0.1%)	CALM	144	147	144	103	59	86	86	98	176	157	201	170	131
			NNE	3	7	7	8	11	4	5	7	22	8	8	4	8
	NE		1	14	16	25	20	18	16	28	51	34	11	8	20	
	ENE		13	33	69	69	69	82	69	102	122	61	50	34	64	
	E		27	57	132	168	177	208	219	202	193	176	74	55	141	
	ESE		12	19	94	133	128	163	101	151	96	118	63	16	91	
	SE			7	39	54	27	56	34	50	35	40	15	5	30	
	SSE		4	3	15	19	17	25	16	20	24	15	4	7	14	
	S		1	4	7	13	16	17	10	13	13	19	8	12	11	
	SSW		5	3	13	13	16	11	14	4	8	8	6	11	9	
	Number of Days With Classified	Daily Max. Temp.	0.0	4												4
			0.1 ~ 10.0	24	18	6								5	16	69
10.1 ~ 20.0			3	11	21	10	1	1			1	10	22	15	95	
20.1 ~ 30.0					4	20	26	19	10	6	27	21	3		136	
Daily Mean Temp.		30.1					4	10	21	25	2				62	
		-5.0	5												5	
		-4.9 ~ 0.0	10	8	1								1	4	24	
		0.1 ~ 10.0	16	20	22	1					2	10	26	20	107	
Daily Min. Temp.		10.1 ~ 20.0		1	8	29	20	5		2	10	26	9	1	111	
		20.1					11	25	30	29	20	3			118	
	-15.0															
	-14.9 ~ -5.0	18	9	2								1	6	36		
Daily Precip.	-4.9 ~ 0.0	10	17	8								8	16	59		
	0.1 ~ 10.0	3	3	21	25	15	1				10	20	9	107		
	10.1				5	16	29	31	31	30	21	1		164		
	0.1mm	5	6	7	11	6	14	11	7	17	9	6	6	105		
60 - Minute Max. Precip.	10.0mm	1		4	6	3	2	5	2	5	3	1	2	34		
	30.0mm			1	2			1	2	3	1			10		
	80.0mm							1		2				3		
	100.0mm									1				1		
10 - Minute Max. Precip.	1.0mm				11	5	6	7	3	13	6			51		
	6.0mm				4	1	3	5	2	3	3			21		
	10.0mm							3	1	2				6		
	20.0mm							1	1	1				3		
Daily Max. New Snowfall	30.0mm							1	1	1				1		
	0.1mm				11	6	14	10	7	17	9			74		
	1.0mm				8	4	5	7	3	9	5			41		
	5.0mm							1	2	1				4		
Daily Max. Snow Depth	10.0mm							1	1					2		
	0.1cm															
	5.0cm															
	10.0cm															
Daily Min. Rel. Humid.	30.0cm															
	20%	5	6	12	11	12	2				1	6	8	63		
	21 ~ 30%	12	16	9	8	9	5	1	8			8	4	80		
	31 ~ 40%	11	2	6	2	5	8	4	11	4	5	4	9	71		
Daily Max. Wind speed	41 ~ 50%		3	1	3	3	5	13	9	7	9	5	6	64		
	51 ~ 70%	1		2	4	2	7	11	3	13	14	6	2	65		
	71%	2	2	1	2		3	2		6	2	1	2	23		
	0.5 ~ 3.3%	8	5	5	4	4	8	12	5	16	8	10	10	95		
Daily Max. Wind speed	3.4 ~ 7.9%	21	23	26	25	26	22	19	25	14	23	20	20	264		
	8.0 ~ 13.8%	2	1		1	1			1				1	7		
	13.9%															

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Number of Days With Phenomena	Snow															
	Sleet															
	Snow Pellet															
	Hail															
	Fog															
	Frost															
	Freezing															
	Haze															
	Yellow Sand															
	Thunder Storm															
Sunshine (0%)	4	2	4	3	2	4	4	2	7	5	3	3	43			
< 20%	6	2	7	8	4	10	9	3	18	11	7	8	93			
80%	0	12	12	10	15	4	2	11	3	4	3	0	76			
Cloud Amount	2.4															
2.5 ~ 5.4																
5.5 ~ 7.4																
7.5																
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10238	10237	10226	10148	10096	10109	10090	10090	10087	10160	10230	10225		
		2nd	10208	10199	10206	10147	10157	10056	10059	10052	10152	10210	10201	10247		
		3rd	10269	10275	10203	10119	10101	10075	10096	10035	10171	10201	10246	10243		
	Mean Temp. (0.1)	1st	22	0	69	129	186	209	249	280	232	189	83	37		
		2nd	-19	44	68	139	174	236	251	291	210	158	107	30		
		3rd	-23	27	94	150	208	233	280	240	200	135	47	34		
	Mean Max.Temp. (0.1)	1st	85	69	132	204	250	260	304	347	276	237	151	108		
		2nd	41	106	139	204	262	296	295	358	248	227	182	92		
		3rd	18	86	168	219	284	285	339	293	252	178	100	83		
	Mean Min.Temp. (0.1)	1st	-36	-60	11	64	118	157	208	229	202	156	26	-29		
		2nd	-73	-12	2	75	87	185	217	234	176	110	42	-24		
		3rd	-66	-27	23	88	132	185	229	190	158	94	3	-13		
	Mean D.P.Temp. (0.1)	1st	-81	-121	-18	55	69	138	212	219	199	154	13	-63		
		2nd	-113	-31	-23	47	79	171	202	211	177	123	47	-43		
		3rd	-113	-72	-5	63	106	171	216	171	167	86	-37	-33		
	Mean Vapor Press (0.1hPa)	1st	35	25	64	93	106	163	253	265	234	181	72	41		
		2nd	29	58	58	91	110	198	238	253	206	144	92	50		
		3rd	31	39	61	99	131	197	261	199	194	116	53	55		
	Mean Rel. Humid. (%)	1st	51	43	60	68	53	69	83	74	84	82	66	53		
		2nd	53	62	60	60	61	72	76	67	84	83	72	63		
3rd		56	52	57	63	58	71	71	70	84	75	60	65			
Mean Wind Speed (0.1m/s)	1st	23	24	20	16	23	15	15	14	13	16	17	20			
	2nd	25	23	15	23	18	17	18	17	14	11	11	17			
	3rd	25	24	17	18	16	17	16	21	11	15	19	23			
Total Precip. (0.1mm)	1st			625	740	296	161	1681	81	1730	821	2	0			
	2nd	33	136	120	245	195	135	79	410	1455	220	116	15			
	3rd	192	37	14	760	135	198	75	401	237	46	20	341			
Total Evaporation (0.1mm)	1st															
	2nd															
	3rd															
Total Sunshine (0.1hr)	1st	662	889	581	624	720	658	443	858	345	403	574	626			
	2nd	565	625	668	778	1022	677	545	1065	281	555	490	514			
	3rd	473	595	836	681	1039	470	881	784	367	318	426	466			
Mean Cloud Amount (0.1)	1st															
	2nd															
	3rd															
First and Last of Seasonal Phenomena	Genesis	Max. Temp. 30					18				27			133(62)		
		Max. Temp. 25			09						06		181(134)			
		Mean Temp. 25						18			01		76(49)			
		Min. Temp. 25								27	15		20(4)			
	Continue	Max. Temp. 30								23	25			34		
		Max. Temp. 25								17	27			42		
		Mean Temp. 25								23	25			34		
		Min. Temp. 25								27 - 28				2		
	'15.7 - '16.6 Low Temp. Phenomena		'15	7	8	9	10	11	12	'16	1	2	3	4	5	6
	Genesis	Max. Temp. < 0								19 - 24					6(4)	
		Mean Temp. < 0							17			01			76(28)	
		Min. Temp. < 0				31					27				149(88)	
Frost																
Continue	Freezing															
	Snow															
	Snow Cover															
	Max. Temp. < 0								23 - 24					2		
Mean Temp. < 0								18 - 26					9			
Min. Temp. < 0								06 - 28					23			
Frost																
Freezing																
Snow																
Snow Cover																

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	9955	9955	9931	9866	9852	9817	9823	9801	9871	9920	9949	9959	9892
		Mean Sea Level	10240	10237	10207	10132	10113	10074	10077	10054	10130	10187	10226	10241	10160
		Highest	10346	10360	10302	10245	10255	10146	10152	10119	10228	10308	10346	10347	10360
		Date	01	25	01	20	14	06	07	26	21	30	29	30	02/25
		Lowest	10089	10001	10084	9891	9918	9948	9980	9898	9984	9997	10109	10050	10050
		Date	18	13	18	17	03	24	13	31	01	05	05	22	04/17
(0.1)	Air Temp.	Mean	- 14	11	69	134	179	215	249	254	203	145	65	17	127
		Mean Max.	43	77	143	207	255	270	303	317	251	204	136	85	191
		Mean Min.	- 64	- 46	1	71	104	166	211	207	170	102	2	- 44	73
		Highest	155	148	223	264	315	314	352	365	303	265	202	153	365
		Date	03	13	30	22	30	17	30	12	01	06	05	22	08/12
		Lowest	- 134	- 107	- 97	14	38	98	174	138	96	27	- 64	- 97	- 134
		Date	24	03	01	01	17	02	18	30	21	30	26	30	01/24
(0.1hPa)	Vapor Press.	Mean	36	41	57	94	124	190	257	248	206	140	71	48	126
		Highest	80	159	157	169	221	271	313	322	298	268	158	129	322
		Date	30	13	06	17	24	24	30	10	05	03	19	22	08/10
		Lowest	7	7	4	20	50	97	189	129	116	29	19	11	4
		Date	22	07	28	01	04	02	15	31	20	30	24	16	03/28
(0.1) Mean D.P.Temp.		- 85	- 72	- 26	54	98	165	215	207	178	115	9	- 42	68	
Rel. Humid. (%)	Mean	64	59	60	65	64	76	83	78	87	84	72	69	72	
	Lowest	9	6	1	6	14	27	41	33	42	18	10	13	1	
	Date	22	07	28	01	18	03	10	25	01	30	15	16	03/28	
(0.1mm)	Precip.	00-24h Total	207	404	592	1716	612	461	2853	803	2580	1600	92	378	12298
		09-09h Total													
	Highest	1 Daily	99	243	250	351	308	304	707	280	1261	680	41	182	1261
		Date	29	12	05	27	10	24	06	28	17	05	18	21	09/17
	6 6 - Hour	Date	44	101	205	363	193	266	903	196	681	507	36	161	903
		Date	29	12	06	07	10	24	06	28	17	05	19	22	07/06
	1 60 - Minute	Date				96	54	91	380	137	153	130			380
		Date				06	10	24	31	01	17	05			07/31
	10 10 - Minute	Date				29	16	23	120	76	59	41			120
		Date				17	10	24	03	01	09	16			07/03
2 2 - Day	Date	156	352	460	559	315	34	994	351	1381	681	48	237	1381	
	Date	28 - 29	12 - 13	04 - 05	06 - 07	10 - 11	15 - 16	05 - 06	01 - 02	17 - 18	04 - 05	18 - 19	21 - 22	09/17 - 09/18	
3 3 - Day	Date			355	464	439		2155	771	1499	991			2155	
	Date		12 - 14	04 - 06	26 - 28			01 - 07	31 - 02	16 - 19	26 - 05			07/01 - 07/07	
(0.1mm)	Evapor.	Small													
		Total Highest Date													
(0.1mm)	Large	Total Highest Date													
		Total Highest Date													
(0.1%)	Wind	Mean Speed	15	17	13	15	16	12	11	11	9	9	10	13	13
		Highest Speed	80	82	75	102	89	67	80	71	49	95	63	83	102
		Highest Dir.	NW	WSW	N	SW	SSE	W	NE	WSW	SSW	NNW	NW	W	SW
		Date	24	14	08	17	03	24	31	30	01	05	01	22	04/17
		Highest Gust Speed	130	150	114	212	190	108	139	142	89	159	95	144	212
		Highest Gust Dir.	NW	W	N	NW	SW	WSW	NE	W	SSW	N	WNW	W	NW
		Date	24	09	08	17	03	24	31	31	01	05	02	22	04/17
		Resultant Speed	9	11	2	4	5	4	4	2	1	2	4	8	3
		Resultant Dir.	WNW	W	WNW	SW	SW	S	S	WSW	ESE	NNW	NNW	WNW	W
(0.1) Cloud Amount		Mean													
		Mean Low Mid.													
Sunshine		Total(0.1hr)	1767	2002	2203	1898	2706	1737	1638	2345	993	1055	1594	1748	21686
		Perc.(0.1%)	567	633	593	482	621	398	369	562	267	302	516	575	486
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall Total													
Grass Min. Temp. (0.1)	Mean	- 78	- 59	- 20	48	77	145	204	203	170	92	- 25	- 71	57	
	Lowest	- 147	- 110	- 102	- 36	13	60	165	135	89	- 1	- 89	- 132	- 147	
	Date	24	03	01	01	17	02	18	30	21	30	26	16	01/24	
(0.1)	Mean Soil Temp.	Surface	- 6	24	84	159	225	268	296	331	236	172	83	21	158
		0.05m Underground													
		0.1m "													
		0.2m "													
		0.3m "													
		0.5m "													
		1.0m "													
		1.5m "													
3.0m "															
		5.0m "													
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	47	31	55	31	13	14	25	34	36	35	55	23	55
		NE	24	12	34	21	19	26	78	15	14	17	47	19	78
		ENE	14	11	16	19	15	51	19	31	18	32	12	12	51
		E	6	15	31	24	20	46	18	21	24	22	20	10	46
		ESE	11	22	39	44	47	40	36	31	34	29	30	13	47
		SE	13	26	44	42	54	40	44	33	35	30	38	26	54
		SSE	18	19	38	51	58	40	33	29	29	36	21	21	58
		S	47	61	38	39	63	39	46	22	38	17	39	34	63
		SSW	36	43	59	87	50	31	42	44	43	22	38	36	87
		SW	41	46	49	64	79	33	59	61	26	23	33	68	79
		WSW	44	63	31	63	67	42	35	67	28	29	36	43	67
		W	57	68	35	66	67	63	23	54	22	37	33	64	68
		WNW	60	60	39	71	76	47	26	49	13	31	41	68	76
		NW	62	58	41	57	50	36	27	45	13	19	42	69	69
	NNW	55	68	47	50	43	20	29	42	40	87	42	56	87	
	(0.1%)	N	50	37	75	53	37	15	30	42	39	66	47	46	75
	Hourly Occurrence Percentage	CALM	334	266	298	274	280	306	347	336	383	383	381	354	329
		NNE	40	14	35	21	15	10	15	16	35	32	43	24	25
		NE	15	11	16	25	11	8	17	23	10	17	25	24	17
		ENE	15	13	9	18	8	18	13	26	11	17	17	11	15
		E	1	10	13	18	12	29	15	31	25	22	13	9	17
		ESE	1	13	39	56	58	74	67	51	53	32	31	12	41
		SE	4	29	73	86	85	131	117	62	86	60	24	15	64
		SSE	16	14	39	40	71	81	67	46	47	43	28	23	43
		S	27	26	42	39	50	60	47	23	43	20	24	15	34
		SSW	31	47	34	39	26	24	44	20	28	13	21	16	28
		SW	38	65	59	39	52	19	38	34	19	16	25	42	37
		WSW	86	95	59	97	93	85	77	99	43	73	53	85	79
W		115	118	69	85	79	65	43	79	68	70	88	101	82	
WNW		86	85	47	35	57	29	20	42	24	38	49	74	49	
NW	79	112	42	31	48	36	23	28	24	43	47	74	49		
NNW	55	63	69	57	30	13	35	51	43	66	60	79	52		
(0.1%)	N	56	19	58	42	26	14	15	34	58	54	75	43	41	
Number of Days With Classified	Daily Max. Temp.	0.0	4	1											5
		0.1 ~ 10.0	24	18	6								6	21	75
		10.1 ~ 20.0	3	10	22	12	1	2			4	14	22	10	100
		20.1 ~ 30.0			3	18	29	23	14	6	25	17	2		137
	Daily Mean Temp.	30.1					1	5	17	25	1				49
		-5.0	5												5
		-4.9 ~ 0.0	15	12	2								1	10	40
		0.1 ~ 10.0	11	16	23							2	25	21	98
	Daily Min. Temp.	10.1 ~ 20.0		1	6	30	27	5		3	13	27	4		116
		20.1					4	25	31	28	17	2			107
		-15.0													
		-14.9 ~ -5.0	20	16	6									2	16
	Daily Precip.	-4.9 ~ 0.0	9	10	8								13	10	50
		0.1 ~ 10.0	2	3	17	27	16	1			1	16	14	5	102
		10.1				3	15	29	31	31	29	15	1		154
		0.1mm	5	6	6	11	9	9	13	10	18	11	5	6	109
	60 - Minute Max. Precip.	10.0mm		2	3	5	2	1	8	3	5	3		1	33
		30.0mm				2	1	1	4		2	2			12
		80.0mm									1				1
		100.0mm									1				1
	10 - Minute Max. Precip.	1.0mm				11	5	5	9	8	16	7			61
		6.0mm				2		1	9	4	4	3			23
		10.0mm							7	1	1	2			11
		20.0mm							4						4
Daily Max. New Snowfall	30.0mm							2						2	
	0.1mm				11	9	9	13	10	18	11			81	
	1.0mm				6	1	2	9	5	9	5			37	
	5.0mm							8	2	1				11	
Daily Max. Snow Depth	10.0mm							2						2	
	0.1cm														
	5.0cm														
	10.0cm														
Daily Min. Rel. Humid.	30.0cm														
	20%	8	13	18	9	6					1	5	6	66	
	21 ~ 30%	5	8	6	9	9	4				1	7	7	56	
	31 ~ 40%	9	3	3	3	5	5			5	5	5	5	48	
Daily Max. Wind speed	41 ~ 50%	6	3	1	2	8	7	11	11	7	6	2	3	67	
	51 ~ 70%		1	1	4	2	11	14	14	16	12	9	7	91	
	71%	3	1	2	3	1	3	6	1	7	6	2	3	38	
	0.5 ~ 3.3%	8	7	5	6	6	9	8	20	21	21	15	15	141	
Daily Max. Wind speed	3.4 ~ 7.9%	22	21	26	22	23	21	22	11	9	9	15	15	216	
	8.0 ~ 13.8%	1	1		2	2		1			1		1	9	
	13.9%														

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10202	10200	10172	10100	10082	10044	10047	10022	10098	10152	10188	10202	10126
		Mean Sea Level	10244	10241	10213	10140	10121	10082	10084	10059	10136	10192	10229	10244	10165
		Highest	10346	10366	10303	10249	10261	10152	10159	10123	10226	10313	10345	10348	10366
		Date	01	25	01	20	14	06	06	26	21	30	29	30	02/25
		Lowest	10093	10007	10094	9892	9929	9952	9987	9905	9995	9989	10116	10056	9892
		18	14	18	17	03	24	13	31	01	05	19	22	04/17	
(0.1)	Air Temp.	Mean	- 11	20	79	143	189	226	262	271	214	158	75	24	138
		Mean Max.	55	92	153	216	268	285	316	339	261	213	147	95	203
		Mean Min.	- 63	- 39	15	80	114	176	221	221	181	120	20	- 32	85
		Highest	143	160	238	282	337	335	365	392	312	281	210	175	392
		Date	03	14	30	22	30	17	31	13	01	04	05	22	08/13
		Lowest	- 140	- 96	- 87	33	48	98	190	152	120	37	- 43	- 83	- 140
		25	03	01	01	17	02	18	29	21	31	26	30	01/25	
(0.1hPa)	Vapor Press.	Mean	34	38	59	90	119	180	252	238	204	143	73	47	123
		Highest	74	138	167	191	213	255	311	322	274	263	166	172	322
		Date	03	13	06	17	24	20	30	10	04	03	20	22	08/10
		Lowest	5	12	13	23	38	76	172	104	109	33	16	10	5
		24	05	10	23	04	02	15	31	20	30	24	16	01/24	
(0.1) Mean D.P.Temp.		- 88	- 78	- 18	49	90	155	211	200	176	118	12	- 45	65	
Rel. Humid. (%)	Mean	61	53	57	60	59	68	76	69	81	80	69	65	67	
	Lowest	12	11	8	8	10	18	34	23	33	18	11	9	8	
	Date	24	19	28	23	18	18	31	13	24	30	15	16	04/23	
(0.1mm)	Precip.	00~24h Total	277	349	874	2069	983	499	2735	1010	3571	1829	152	708	15056
		09~09h Total													
	Highest	1 Daily	145	200	461	445	340	335	530	455	1440	640	110	385	1440
		Date	29	12	05	16	03	24	01	22	17	05	18	21	09/17
	6	6 - Hour	80	85	335	440	260	314	495	490	795	455	100	390	795
		Date	29	12	06	16	03	24	01	23	17	16	18	22	09/17
	1	60 - Minute				125	70	120	375	415	230	180			415
		Date				16	03	24	01	22	17	08			08/22
	10	10 - Minute				30	20	45	120	105	95	75			120
		Date				16	15	24	30	22	10	08			07/30
2	2 - Day	260	295	621	480	345	35	930	505	1500	645		540	1500	
	Date	28 - 29	12 - 13	04 - 05	16 - 17	02 - 03	19 - 20	01 - 02	22 - 23	17 - 18	04 - 05		21 - 22	09/17 - 09/18	
3	3 - Day			54	651	454		39	1780	510	1540	1137		1780	
	Date		26 - 29	04 - 06	26 - 28		18 - 20	01 - 06	30 - 02	16 - 19	26 - 05			07/01 - 07/06	
(0.1mm)	Evapor.	Total													
		Highest													
(0.1mm)	Small	Total													
		Highest													
(0.1mm)	Large	Total													
		Highest													
(0.1%)	Wind	Mean Speed	11	14	12	14	14	12	11	11	9	8	9	10	11
		Highest Speed	54	77	62	75	68	52	54	64	52	67	42	52	77
		Highest Dir.	NW	S	S	S	WSW	S	N	ENE	S	NE	NW	WSW	S
		Date	24	28	29	17	03	13	25	08	01	05	24	22	02/28
		Highest Gust Speed	119	121	111	140	148	88	104	139	95	141	81	97	148
		Highest Gust Dir.	WSW	SSW	SSW	SSW	NW	SSW	SSW	SW	S	N	WSW	NW	NW
		Date	18	28	29	17	04	13	01	31	01	05	05	27	05/04
		Resultant Speed	3	7	1	3	6	5	5	0	3	3	1	3	1
		NW	W	SSE	SSW	SSW	SSW	S	E	ENE	NE	N	NW	SW	
(0.1)	Cloud Amount	Mean													
		Mean Low Mid.													
Sunshine	Total(0.1hr)	1766	2034	2158	1971	2680	1750	1816	2582	1073	1145	1608	1733	22316	
	Perc.(0.1%)	566	643	580	501	615	401	410	619	288	327	520	569	500	
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
		Date													
		Total													
(0.1)	Grass Min. Temp.	Mean	- 82	- 57	1	69	103	170	220	219	178	113	- 4	- 57	73
		Lowest	- 157	- 121	- 90	3	47	87	186	146	105	30	- 75	- 110	- 157
		Date	24	03	01	01	17	02	18	29	21	30	29	11	01/24
		2	33	111	179	250	293	321	347	248	184	93	29	174	
(0.1)	Mean Soil Temp.	Surface													
		0.05m													
		0.1m													
		0.2m													
		0.3m													
		0.5m													
		1.0m													
		1.5m													
		3.0m													
		5.0m													
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	32	46	42	32	23	22	24	36	35	34	26	28	46
		NE	39	27	41	38	39	43	21	39	43	55	30	43	55
		ENE	32	26	33	31	30	36	27	26	27	28	37	28	37
		E	29	22	34	23	23	25	17	18	18	25	32	24	34
		ESE	19	20	27	17	17	19	15	18	19	21	20	23	27
		SE	15	21	25	20	17	14	13	19	21	20	17	16	25
		SSE	24	15	24	34	24	30	27	24	15	18	20	15	34
		S	22	37	59	71	49	40	47	27	47	21	31	14	71
		SSW	20	61	44	47	48	40	41	30	29	14	28	21	61
		SW	21	49	37	32	47	37	28	35	20	26	19	37	49
		WSW	37	50	38	59	55	30	30	51	14	23	28	34	59
		W	45	48	37	54	46	33	27	43	17	24	37	35	54
		WNW	43	49	40	53	58	32	15	21	5	21	33	43	58
		NW	42	49	32	36	36	22	35	26	19	15	39	48	49
	NNW	50	50	23	37	49	31	45	22	15	42	35	51	51	
	(0.1%)	N	27	40	34	20	41	16	22	32	20	51	22	27	51
	Hourly Occurrence Percentage	CALM	338	223	253	188	157	213	249	165	313	310	268	338	251
		NNE	54	47	63	53	32	29	30	73	71	51	64	50	51
		NE	71	40	74	78	46	50	47	108	94	86	63	48	67
		ENE	52	16	66	74	42	51	39	63	103	87	90	62	62
		E	30	19	39	28	20	38	35	42	56	66	35	43	37
		ESE	19	17	26	22	30	29	26	36	33	27	18	13	25
		SE	11	11	23	32	30	24	35	35	39	27	18	12	25
		SSE	8	11	26	26	32	40	56	38	28	26	10	8	26
		S	20	27	83	94	106	110	138	56	46	36	29	17	64
		SSW	58	134	98	139	194	175	128	136	81	85	94	90	117
		SW	64	99	94	103	145	129	125	93	63	66	106	85	98
		WSW	36	72	48	47	62	39	27	47	14	32	43	35	42
W		81	108	26	43	19	24	17	15	4	15	26	51	35	
WNW		55	75	22	18	30	21	3	11	1	19	28	47	27	
NW	30	47	13	13	19	4	11	15	4	8	25	40	19		
NNW	26	26	16	14	11	11	9	19	14	16	38	17	18		
(0.1%)	N	48	27	31	29	27	14	26	50	38	43	46	43	35	
Number of Days With Classified	Daily Max. Temp.	0.0	3											3	
		0.1 ~ 10.0	26	19	5								3	19	
		10.1 ~ 20.0	2	10	21	10	1	1			1	11	24	12	93
		20.1 ~ 30.0			5	20	25	17	8	6	25	20	3		129
	Daily Mean Temp.	30.1					5	12	23	25	4				69
		-5.0	3												3
		-4.9 ~ 0.0	17	9	1								1	7	35
		0.1 ~ 10.0	11	19	19							2	20	23	94
	Daily Min. Temp.	10.1 ~ 20.0		1	11	30	24	3		1	9	25	9	1	114
		20.1					7	27	31	30	21	4			120
		-15.0													
		-14.9 ~ -5.0	20	12	4									11	47
	Daily Precip.	-4.9 ~ 0.0	10	14	6								10	15	55
		0.1 ~ 10.0	1	3	21	25	10	1				10	19	5	95
		10.1				5	21	29	31	31	30	10	1		169
		0.1mm	4	6	10	12	9	10	13	7	17	12	5	5	110
	60 - Minute Max. Precip.	10.0mm	2	1	3	7	4	1	7	2	8	3	1	3	42
		30.0mm			1	2	1	1	5	2	2	3		1	18
		80.0mm									1				1
		100.0mm									1				1
	10 - Minute Max. Precip.	1.0mm				11	6	6	10	6	15	6			60
		6.0mm				2	1	1	8	2	5	3			22
		10.0mm				1		1	6	1	3	3			15
		20.0mm							4	1	2				7
Daily Max. New Snowfall	30.0mm							3	1					4	
	0.1mm				12	9	10	13	7	17	12			80	
	1.0mm				8	6	4	9	5	12	6			50	
	5.0mm							7	1	3	1			12	
Daily Max. Snow Depth	10.0mm							4	1					5	
	0.1cm														
	5.0cm														
	10.0cm														
Daily Min. Rel. Humid.	30.0cm														
	0.1cm	7	15	15	15	13	3				1	7	9	85	
	21 ~ 30%	11	6	8	6	8	4		6		2	8	7	66	
	31 ~ 40%	8	5	5	1	5	8	8	15	6	6	5	7	79	
Daily Max. Wind speed	41 ~ 50%	2	1	2	2	2	6	12	8	5	5	3	3	49	
	51 ~ 70%	2	1	1	5	3	9	7	2	12	16	7	3	68	
	71%	1	1	2	1			4		7	1		2	19	
	0.5 ~ 3.3%	19	9	9	8	14	16	19	17	26	27	18	19	201	
Daily Max. Wind speed	3.4 ~ 7.9%	12	20	22	22	17	14	12	14	4	4	12	12	165	
	8.0 ~ 13.8%														
	13.9%														

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Number of Days With Phenomena	Snow															
	Sleet															
	Snow Pellet															
	Hail															
	Fog															
	Frost															
	Freezing															
	Haze															
	Yellow Sand															
	Thunder Storm															
Sunshine (0%)	3	2	3	3	0	5	6	0	7	6	3	2	40			
< 20%	6	4	5	9	5	9	10	2	15	13	7	6	91			
80%	11	13	10	6	11	3	0	8	2	2	6	13	85			
Cloud Amount	2.4															
2.5 ~ 5.4																
5.5 ~ 7.4																
7.5																
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10244	10242	10227	10148	10104	10109	10095	10091	10087	10161	10232	10230		
		2nd	10212	10205	10207	10151	10159	10059	10058	10051	10151	10212	10204	10252		
		3rd	10273	10281	10205	10119	10103	10079	10099	10037	10171	10201	10250	10249		
	Mean Temp. (0.1)	1st	5	-2	66	136	175	210	254	278	233	187	83	29		
		2nd	-13	40	71	139	180	239	253	294	209	156	102	20		
		3rd	-23	22	99	154	210	230	277	243	201	134	42	23		
	Mean Max.Temp. (0.1)	1st	91	77	134	216	243	270	301	350	282	240	159	114		
		2nd	48	107	145	201	267	301	305	368	252	223	181	91		
		3rd	28	91	178	230	293	283	341	303	251	180	103	83		
	Mean Min.Temp. (0.1)	1st	-50	-67	5	72	109	153	217	232	198	148	20	-35		
		2nd	-64	-13	8	78	97	187	214	241	179	113	43	-38		
		3rd	-74	-37	29	91	133	187	232	194	166	99	-4	-25		
	Mean D.P.Temp. (0.1)	1st	-61	-109	-11	46	73	133	213	221	193	146	19	-46		
		2nd	-97	-44	-29	39	83	165	200	214	171	119	46	-49		
		3rd	-104	-83	-13	63	112	169	219	167	164	91	-30	-41		
	Mean Vapor Press (0.1hPa)	1st	40	27	65	88	108	156	254	266	225	173	74	46		
		2nd	31	51	55	85	112	190	235	257	197	140	91	47		
		3rd	32	35	57	98	136	195	265	196	190	118	54	49		
	Mean Rel. Humid. (%)	1st	66	50	64	63	57	66	80	74	80	80	69	64		
		2nd	57	59	56	57	60	67	75	66	81	81	74	66		
3rd		59	50	53	61	60	71	73	67	82	77	65	66			
Mean Wind Speed (0.1m/s)	1st	8	13	12	12	18	11	12	9	9	10	10	9			
	2nd	13	15	11	17	14	14	9	11	10	6	8	9			
	3rd	12	15	14	13	10	11	11	14	7	9	10	12			
Total Precip. (0.1mm)	1st			702	675	630	75	1780	80	1355	1097	1	3			
	2nd	15	295	125	675	145	56	130	0	1740	600	111	35			
	3rd	262	54	47	719	208	368	825	930	476	132	40	670			
Total Evaporation (0.1mm)	1st															
	2nd															
	3rd															
Total Sunshine (0.1hr)	1st	673	872	581	619	642	656	450	847	364	381	639	654			
	2nd	572	588	702	695	1044	637	474	995	377	473	524	529			
	3rd	521	574	875	657	994	457	892	740	332	291	445	550			
Mean Cloud Amount (0.1)	1st															
	2nd															
	3rd															
First and Last of Seasonal Phenomena	Genesis	Max. Temp. 30					18				09			115(69)		
		Max. Temp. 25			01						17		200(140)			
		Mean Temp. 25						19					68(52)			
		Min. Temp. 25							28				20(2)			
	Continue	Max. Temp. 30									22		25	35		
		Max. Temp. 25									17		27	42		
		Mean Temp. 25									19		25	38		
		Min. Temp. 25									16 - 16			1		
	'15.7 - '16.6 Low Temp. Phenomena		'15	7	8	9	10	11	12	'16	1	2	3	4	5	6
	Genesis	Max. Temp. < 0									19 - 24				6(3)	
Mean Temp. < 0										17			01	76(35)		
Min. Temp. < 0					31							28		150(89)		
Frost																
Continue	Freezing															
	Snow															
	Snow Cover															
	Max. Temp. < 0									23 - 24				2		
	Mean Temp. < 0									18 - 26				9		
	Min. Temp. < 0									25		28		35		
Frost																
Freezing																
Snow																
Snow Cover																

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10223	10221	10196	10124	10106	10068	10071	10044	10120	10173	10209	10223	10148
		Mean Sea Level	10237	10235	10210	10137	10119	10081	10084	10057	10133	10187	10223	10237	10162
		Highest	10340	10357	10296	10250	10256	10144	10162	10121	10216	10304	10334	10337	10357
		Date	01	25	01	19	14	06	07	01	21	30	29	30	02/25
		Lowest	10070	10002	10081	9907	9929	9952	9985	9902	9995	9940	10117	10057	9902
	Date	18	14	19	17	03	24	13	30	01	05	19	22	08/30	
(0.1)	Air Temp.	Mean	3	35	89	148	196	234	269	275	223	168	86	39	147
		Mean Max.	66	100	154	217	270	285	319	339	268	221	153	107	208
		Mean Min.	-51	-24	28	88	124	189	230	229	186	127	29	-18	95
		Highest	143	175	233	277	329	327	360	378	313	300	210	196	378
		Date	04	13	30	26	30	17	30	13	01	03	05	22	08/13
		Lowest	-120	-66	-64	36	69	128	206	149	123	46	-36	-72	-120
	Date	25	08	01	12	17	02	21	30	21	30	26	16	01/25	
(0.1hPa)	Vapor Press.	Mean	38	44	68	101	127	201	270	259	217	150	79	53	134
		Highest	90	192	190	222	271	328	396	398	317	302	178	213	398
		Date	17	13	05	17	15	20	29	12	01	03	19	22	08/12
		Lowest	10	15	17	37	38	81	154	97	94	31	16	10	10
		Date	24	10	11	01	04	02	23	31	20	30	24	16	12/16
(0.1) Mean D.P.Temp.		-77	-62	0	65	98	171	221	212	185	124	20	-36	77	
Rel. Humid. (%)	Mean	60	54	60	65	60	73	78	73	82	79	69	64	68	
	Lowest	11	9	10	11	12	18	30	21	30	14	11	10	9	
	Date	12	10	17	01	18	18	23	31	20	30	15	30	02/10	
(0.1mm)	Precip.	00-24h Total	335	337	933	1746	1095	1030	2314	471	4973	1369	172	907	15682
		09-09h Total													
	Highest	1 Daily	166	179	309	272	544	586	578	374	1637	489	123	412	1637
		Date	28	12	04	16	03	24	30	28	03	05	18	22	09/03
	6	6 - Hour	123	134	367	327	498	497	579	183	1222	387	108	474	1222
		Date	29	13	06	17	03	24	31	28	03	16	19	22	09/03
	1	60 - Minute				82	147	328	569	77	322	159			569
		Date				06	03	24	30	28	03	05			07/30
	10	10 - Minute				44	42	131	128	19	119	62			131
		Date				17	03	24	30	17	07	08			06/24
2	2 - Day	316	313	586	440	210	34	706	27	2723	492	124	679	2723	
	Date	28 - 29	12 - 13	04 - 05	06 - 07	10 - 11	18 - 19	02 - 03	01 - 02	02 - 03	04 - 05	18 - 19	21 - 22	09/02 - 09/03	
3	3 - Day			681	261			37	1370	632	2758	413		2758	
	Date			04 - 06	26 - 28			18 - 20	01 - 06	30 - 02	02 - 05	28 - 02		09/02 - 09/05	
(0.1mm)	Evapor.	Total													
		Highest													
(0.1mm)	Small	Total													
		Highest													
(0.1mm)	Large	Total													
		Highest													
(0.1%)	Wind	Mean Speed	11	13	11	12	13	10	11	11	8	7	8	10	10
		Highest Speed	84	76	51	78	78	40	63	66	48	100	52	64	100
		Highest Dir.	WNW	NW	NW	WNW	WNW	W	NE	WNW	NNE	N	NNW	WNW	N
		Date	18	28	10	17	04	25	30	31	20	05	02	22	10/05
		Highest Gust Speed	135	120	104	149	165	79	121	145	103	189	92	116	189
		Highest Gust Dir.	WNW	NW	N	WNW	WNW	WNW	NE	WNW	NNW	NNW	N	WNW	NNW
		Date	19	28	06	17	04	25	30	31	20	05	02	22	10/05
		Resultant Speed	8	10	4	1	3	2	4	2	4	4	5	7	3
	Resultant Dir.	NW	NW	N	WNW	SSW	S	S	N	N	N	NNW	NW	NNW	
(0.1)	Cloud Amount	Mean													
		Mean Low Mid.													
Sunshine	Total(0.1hr)	1638	1916	1991	1883	2420	1675	1673	2426	979	1164	1552	1630	20947	
	Perc.(0.1%)	525	606	536	479	556	384	378	581	263	333	501	535	470	
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
		Date													
(0.1)	Grass Min. Temp.	Mean	-110	-80	-17	45	75	160	215	212	171	101	-12	-62	58
		Lowest	-175	-129	-127	-17	16	60	181	130	90	10	-85	-127	-175
	Date	25	03	01	12	17	02	18	30	21	30	26	16	01/25	
(0.1)	Mean Soil Temp.	Surface	-18	24	99	177	242	282	317	346	247	186	95	34	169
		0.05m													
		0.1m													
		0.2m													
		0.3m													
		0.5m													
		1.0m													
		1.5m													
		3.0m													
	5.0m														
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	20	33	37	45	28	30	22	34	45	63	30	28	63
		NE	33	37	29	35	26	28	38	35	38	59	24	20	59
		ENE	26	44	19	19	14	17	22	21	15	21	18	20	44
		E			25	17	20	16	19	30	13	16	11	14	30
		ESE			20	22	26	20	18	23	15	23	9	8	26
		SE			38	37	38	34	32	27	22	18	21	19	38
		SSE			41	59	51	35	40	42	35	20	22	46	59
		S			32	58	47	38	43	34	33	14	20	36	58
		SSW			29	43	32	31	30	22	29	14	11	35	43
		SW			32	33	26	24	29	27	30	13	24	36	36
		WSW			18	44	48	27	21	40	18	19	14	9	48
		W			27	64	41	30	18	41	12	9	21	34	64
		WNW	66	57	35	67	72	25	20	49	18	32	26	61	72
		NW	57	51	42	34	62	24	17	42	14	17	41	48	62
	NNW	30	63	35	36	53	29	26	40	33	58	46	51	63	
	(0.1%)	N	24	48	33	35	37	29	17	26	38	82	42	54	82
	Hourly Occurrence Percentage	CALM	352	325	311	265	245	292	241	204	417	466	396	352	322
		NNE	39	30	80	94	34	43	28	71	115	86	53	39	59
		NE	59	58	77	60	40	53	52	112	56	67	47	31	59
		ENE	74	62	32	14	12	25	24	51	28	31	8	8	31
		E			11	6	9	19	12	28	7	13	8	4	10
		ESE			12	18	23	15	16	32	13	22	10	4	14
		SE			34	32	38	50	69	27	10	11	33	17	27
		SSE			28	83	117	85	138	36	31	20	29	24	50
		S			34	69	96	108	140	38	32	9	13	16	46
		SSW			22	42	47	56	44	39	21	13	17	15	26
		SW			16	22	28	42	34	56	29	16	22	8	23
WSW				12	14	36	36	23	38	26	15	14	11	19	
W				22	50	36	39	39	58	28	20	32	42	31	
WNW	341	308	76	79	81	43	51	56	46	48	42	113	107		
NW	72	108	74	53	52	36	30	44	35	50	94	106	63		
NNW	30	66	88	63	74	39	36	62	60	63	111	154	71		
(0.1%)	N	34	43	70	36	31	19	23	47	49	48	71	56	44	
Number of Days With Classified	Daily Max. Temp.	0.0	1											1	
		0.1 ~ 10.0	27	17	3								2	13	
		10.1 ~ 20.0	3	12	24	9	1				1	8	26	18	
		20.1 ~ 30.0			4	21	24	20	5	5	27	23	2		
	30.1						6	10	26	26	2				
	Daily Mean Temp.	-5.0	1												
		-4.9 ~ 0.0	12	3										2	
		0.1 ~ 10.0	18	24	17						1	19	28	107	
		10.1 ~ 20.0		2	13	30	19	2		1	4	24	11	1	
	20.1					12	28	31	30	26	6				
	Daily Min. Temp.	-15.0													
		-14.9 ~ -5.0	15	9	2									5	
		-4.9 ~ 0.0	14	15	6								7	17	
		0.1 ~ 10.0	2	4	23	20	6					5	21	9	
	10.1		1		10	25	30	31	31	30	26	2			
	Daily Precip.	0.1mm	3	3	6	11	7	11	13	8	15	10	4	6	
		10.0mm	2	2	3	7	4	3	5	1	7	3	1	3	
		30.0mm													
		80.0mm			1		1	1	3	1	3	3	1	14	
		100.0mm									3	3		3	
	60 - Minute Max. Precip.	1.0mm				8	5	6	11	5	13	5		53	
		6.0mm				5	2	2	5	1	6	3		24	
		10.0mm					1	2	4		4	3		14	
20.0mm							2	3		2			7		
30.0mm							1	2		1			4		
10 - Minute Max. Precip.	0.1mm				11	7	11	13	8	15	10		75		
	1.0mm				8	5	2	9	4	10	4		42		
	5.0mm						2	4		3	1		10		
	10.0mm						1	1		1			3		
Daily Max. New Snowfall	0.1cm														
	5.0cm														
	10.0cm														
Daily Max. Snow Depth	0.1cm														
	5.0cm														
	10.0cm														
	20.0cm														
30.0cm															
Daily Min. Rel. Humid.	20%	6	11	13	10	12	2				1	6	8		
	21 ~ 30%	12	11	10	10	9	4	1	4	1	2	7	7		
	31 ~ 40%	8	4	3	4	5	6	6	15	6	7	6	7		
	41 ~ 50%	2	1	2	1	1	11	12	10	6	9	5	5		
	51 ~ 70%	2		2	4	4	6	9	2	12	11	6	3		
71%	1	2	1	1		1	3		5	1		1			
Daily Max. Wind speed	0.5 ~ 3.3%	16	9	11	13	13	18	21	21	26	28	20	20		
	3.4 ~ 7.9%	13	20	20	17	18	12	10	10	4	2	10	11		
	8.0 ~ 13.8%														
	13.9%	2													

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow														
	Sleet														
	Snow Pellet														
	Hail														
	Fog														
	Frost														
	Freezing														
	Haze														
	Yellow Sand														
	Thunder Storm														
Sunshine (0%)	4	2	3	5	3	6	4	2	8	5	1	3	46		
< 20%	7	3	6	10	5	10	10	2	18	13	8	7	99		
80%	1	13	9	5	11	2	0	7	2	3	4	1	58		
Cloud Amount	2.4														
2.5 ~ 5.4															
5.5 ~ 7.4															
7.5															
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10238	10235	10224	10146	10103	10107	10095	10090	10086	10156	10228	10224	
		2nd	10205	10200	10204	10150	10156	10059	10057	10050	10146	10207	10199	10245	
		3rd	10266	10274	10203	10117	10100	10078	10099	10033	10166	10196	10242	10241	
	Mean Temp. (0.1)	1st	19	10	81	142	183	219	262	281	238	199	89	40	
		2nd	- 2	56	82	145	184	246	260	296	221	165	112	33	
		3rd	- 7	40	103	157	219	236	284	251	210	144	56	43	
	Mean Max.Temp. (0.1)	1st	96	80	138	216	246	274	305	350	284	251	162	121	
		2nd	59	121	145	209	268	300	307	363	261	229	183	100	
		3rd	46	98	176	226	294	282	342	307	260	186	115	101	
	Mean Min.Temp. (0.1)	1st	- 39	- 51	24	82	119	171	227	240	202	158	25	- 24	
		2nd	- 52	- 2	19	82	105	200	224	246	188	119	55	- 25	
		3rd	- 60	- 18	39	99	146	197	237	203	168	106	7	- 6	
	Mean D.P.Temp. (0.1)	1st	- 50	- 98	8	71	84	142	227	235	205	157	26	- 45	
		2nd	- 89	- 21	- 16	51	92	183	207	230	177	127	61	- 40	
		3rd	- 92	- 68	6	74	118	187	229	174	173	91	- 25	- 23	
	Mean Vapor Press (0.1hPa)	1st	43	30	77	105	118	169	276	291	243	185	78	47	
		2nd	35	63	60	93	119	215	248	285	207	149	101	51	
		3rd	36	39	66	107	143	219	284	206	202	119	57	60	
	Mean Rel. Humid. (%)	1st	65	50	66	71	59	67	83	80	84	80	70	60	
		2nd	57	63	56	59	62	73	76	73	80	82	77	64	
3rd		58	49	58	65	60	78	76	67	83	74	62	66		
Mean Wind Speed (0.1m/s)	1st	7	10	12	9	17	9	13	9	7	8	8	9		
	2nd	14	14	9	16	12	13	9	9	11	5	6	9		
	3rd	13	14	11	12	9	9	11	14	6	8	11	14		
Total Precip. (0.1mm)	1st			699	721	753	344	1374	38	3036	820	0	1		
	2nd	19	313	225	504	138	48	45	48	1503	482	124	56		
	3rd	316	24	9	521	204	638	895	385	434	67	48	850		
Total Evaporation (0.1mm)	1st														
	2nd														
	3rd														
Total Sunshine (0.1hr)	1st	627	845	575	583	566	626	372	815	332	437	616	583		
	2nd	533	543	621	683	908	587	414	945	353	455	492	481		
	3rd	478	528	795	617	946	462	887	666	294	272	444	566		
Mean Cloud Amount (0.1)	1st														
	2nd														
	3rd														
First and Last of Seasonal Phenomena	Genesis	Max. Temp. 30					18					03		139(73)	
		Max. Temp. 25			01						17		200(146)		
		Mean Temp. 25						16			06		83(63)		
		Min. Temp. 25							26	15			21(8)		
	Continue	Max. Temp. 30							17	25				40	
		Max. Temp. 25							17	27				42	
		Mean Temp. 25							17	25				40	
		Min. Temp. 25							12 - 15					4	
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0							24 - 24						1(1)
Mean Temp. < 0								28	15				50(19)		
Min. Temp. < 0						28			17				111(80)		
Frost															
Continue	Max. Temp. < 0							24 - 24						1	
	Mean Temp. < 0							19 - 27					9		
	Min. Temp. < 0						25	28					35		
	Frost														
Freezing															
Snow															
Snow Cover															

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Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10068	10068	10043	9973	9959	9922	9926	9903	9975	10026	10058	10071	9999
		Mean Sea Level	10242	10241	10211	10137	10119	10080	10082	10058	10134	10189	10227	10243	10164
		Highest	10344	10361	10300	10246	10257	10149	10156	10121	10229	10308	10345	10346	10361
		Date	01	25	02	20	14	06	06	27	21	30	29	30	02/25
		Lowest	10091	10011	10091	9898	9929	9950	9988	9905	9997	9987	10115	10065	10065
		18	13	18	17	03	24	13	30	01	05	19	22	04/17	
(0.1)	Air Temp.	Mean	4	25	77	142	185	220	256	264	208	155	82	32	138
		Mean Max.	48	82	146	210	256	270	307	328	257	211	143	91	196
		Mean Min.	-36	-23	14	85	117	179	221	218	176	117	27	-19	90
		Highest	142	154	230	272	320	317	351	370	306	274	209	147	370
		Date	03	14	30	22	30	17	27	12	09	04	20	05	08/12
		Lowest	-121	-91	-61	34	59	114	186	160	117	42	-40	-76	-121
		24	07	01	01	17	02	18	30	21	31	26	28	01/24	
(0.1hPa)	Vapor Press.	Mean	31	35	54	92	118	185	249	233	199	137	70	46	121
		Highest	96	155	149	186	212	261	307	306	268	256	162	139	307
		Date	03	13	06	16	15	24	28	10	05	03	14	22	07/28
		Lowest	5	9	10	29	39	76	170	95	104	30	17	9	5
		23	07	16	17	04	02	15	31	20	30	23	16	01/23	
(0.1) Mean D.P.Temp.		-106	-98	-36	50	88	160	210	196	172	110	5	-52	58	
Rel. Humid. (%)	Mean	48	44	52	61	59	72	77	70	82	78	64	59	64	
	Lowest	7	8	4	12	10	19	38	20	33	15	9	8	4	
	Date	12	19	16	23	18	02	28	24	20	30	15	10	03/16	
(0.1mm)	Precip.	00-24h Total	310	468	750	2337	1112	731	2176	1123	3470	1909	175	739	15300
		09-09h Total													
	Highest	1 Daily	150	255	430	530	530	310	605	445	1610	765	81	410	1610
		Date	29	12	05	27	03	24	03	08	17	05	18	21	09/17
	6 6 - Hour	Date	29	13	05	16	03	24	03	08	17	05	19	22	09/17
		1 60 - Minute				100	90	105	340	225	200	175			340
		Date				16	03	24	02	08	17	08			07/02
	10 10 - Minute	Date				20	20	65	135	90	75	50			135
		2 2 - Day	280	405	585	595	535	75	1095	370	1845	770	91	555	1845
		Date	28 - 29	12 - 13	04 - 05	27 - 28	02 - 03	29 - 30	02 - 03	27 - 28	17 - 18	04 - 05	18 - 19	21 - 22	09/17 - 09/18
3 3 - Day	Date			605	612	247	140	2141	490	1895	1287		557	2141	
	Date			04 - 06	26 - 29	09 - 11	18 - 22	29 - 07	26 - 29	16 - 19	26 - 05		21 - 23	06/29 - 07/07	
(0.1mm)	Evapor.	Small													
		Total Highest Date													
(0.1mm)	Large	Total Highest Date													
(0.1%)	Wind	Mean Speed	26	28	17	19	19	15	14	14	9	11	16	20	17
		Highest Speed	102	91	65	98	90	62	52	76	46	80	75	88	102
		Highest Dir.	W	WNW	WNW	W	W	W	E	W	E	W	WNW	WNW	W
		Date	19	29	10	17	03	25	02	30	01	05	24	06	01/19
		Highest Gust Speed	143	135	114	117	117	95	96	99	81	100	109	111	143
		Highest Gust Dir.	W	W	W	WSW	W	E	SW	WSW	ENE	W	WNW	NW	W
		Date	19	14	10	17	04	15	06	30	01	05	24	27	01/19
		Resultant Speed	22	20	8	7	8	6	7	5	3	5	11	15	8
	Resultant Dir.	NW	NW	NNW	N	N	NNE	NE	NNW	N	NW	NW	NW	NNW	
(0.1)	Cloud Amount	Mean													
		Mean Low Mid.													
Sunshine	Total(0.1hr)	1606	1948	2259	1956	2678	1780	1808	2590	929	1125	1538	1530	21747	
	Perc.(0.1%)	515	616	608	498	615	409	408	621	250	321	497	502	488	
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall Total													
(0.1)	Grass Min. Temp.	Mean	-68	-53	-19	56	103	163	208	209	175	99	-2	-51	68
		Lowest	-109	-114	-81	-11	49	95	163	146	124	6	-74	-99	-114
		Date	20	07	02	01	05	02	18	25	20	30	26	11	02/07
		Surface	6	29	96	159	220	263	295	318	233	179	85	29	159
(0.1)	Mean Soil Temp.	0.05m													
		0.1m													
		0.2m													
		0.3m													
		0.5m													
		1.0m													
		1.5m													
		3.0m													
	5.0m														
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	35	41	36	41	54	32	30	30	28	29	30	30	54
		NE	6	52	51	62	60	40	51	30	42	34	20	28	62
		ENE	10	50	42	63	50	41	43	33	36	40	46	21	63
		E	29	39	36	65	47	43	34	26	34	27	29	30	65
		ESE	20	33	28	34	32	25	29	23	29	23	20	17	34
		SE	16	8	25	29	13	17	17	21	17	17	16	9	29
		SSE	11	13	16	23	18	19	34	19	22	15	10	14	34
		S	14	10	19	14	21	28	25	29	21	17	20	16	29
		SSW	11	14	17	43	20	29	20	18	10	15	19	13	43
		SW	22	29	26	30	21	21	30	18	24	18	21	23	30
		WSW	24	60	30	46	35	33	25	56	25	22	49	23	60
		W	90	90	56	94	85	57	43	72	18	79	61	80	94
		WNW	92	81	62	78	85	50	28	57	29	57	61	78	92
		NW	87	66	51	57	53	36	35	50	30	43	57	62	87
	NNW	61	56	47	42	44	44	41	39	21	40	51	50	61	
	(0.1%)	N	48	45	35	34	43	27	30	29	25	32	41	41	48
	Hourly Occurrence Percentage	CALM	177	115	227	144	128	149	126	116	288	222	250	244	182
		NNE	32	43	39	49	43	40	56	52	38	19	25	38	39
		NE	4	40	78	119	144	154	177	86	44	43	21	13	77
		ENE	16	47	79	115	90	124	125	70	47	48	38	24	69
		E	9	17	34	58	54	63	83	55	46	39	22	17	42
		ESE	8	22	9	21	17	43	59	34	28	36	21	9	26
		SE	5	4	9	10	8	28	22	23	26	24	22	4	15
		SSE	4	3	9	17	11	18	32	13	26	17	6	5	14
		S	4	7	5	4	4	17	20	17	19	8	10	12	11
		SSW	11	16	15	13	15	13	26	22	14	23	14	16	16
		SW	34	42	43	28	39	29	40	39	39	43	28	42	37
		WSW	36	20	48	53	38	25	34	51	60	67	47	52	44
W		86	115	74	76	71	81	40	71	61	75	57	66	73	
WNW		201	230	85	89	110	67	28	73	76	98	110	173	111	
NW	173	122	93	61	58	60	36	85	69	85	117	129	91		
NNW	156	108	89	88	110	63	44	113	72	95	128	101	97		
(0.1%)	N	43	49	63	56	59	29	50	81	46	56	86	54	56	
Number of Days With Classified	Daily Max. Temp.	0.0	4												4
		0.1 ~ 10.0	24	18	5								3	17	67
		10.1 ~ 20.0	3	11	23	11	2	1			4	12	25	14	106
		20.1 ~ 30.0			3	19	26	26	12	6	24	19	2		137
	Daily Mean Temp.	30.1					3	3	19	25	2				52
		-5.0	3												3
		-4.9 ~ 0.0	8	8	1								1	4	22
		0.1 ~ 10.0	20	19	19							2	19	27	106
	Daily Min. Temp.	10.1 ~ 20.0		2	11	30	24	4		1	12	26	10		120
		20.1					7	26	31	30	18	3			115
		-15.0													
		-14.9 ~ -5.0	11	6	2										5
	Daily Precip.	-4.9 ~ 0.0	14	19	10								7	17	67
		0.1 ~ 10.0	6	3	19	21	9	30	31	31	30	11	21	9	99
		10.1	1	1	9	22	30	31	31	30	20	2	2	2	176
		0.1mm	4	6	10	13	10	13	15	9	18	13	8	7	126
	60 - Minute Max. Precip.	10.0mm	2	2	2	7	3	2	4	4	7	3		3	39
		30.0mm			1	2	1	1	4	2	3		1	1	17
		80.0mm									1				1
		100.0mm									1				1
	10 - Minute Max. Precip.	1.0mm				11	5	7	8	5	14	7			57
		6.0mm				4	1	3	4	2	3	3			20
		10.0mm				1		1	4	2	2	3			13
		20.0mm							3	1	1				5
Daily Max. New Snowfall	30.0mm							1						1	
	10.0mm													1	
	0.1mm				13	10	13	15	9	18	13			91	
	1.0mm				9	5	6	7	4	10	5			46	
Daily Max. Snow Depth	5.0mm						2	4	2	1	1			10	
	10.0mm													3	
	0.1cm														
	5.0cm														
Daily Min. Rel. Humid.	10.0cm														
	20.0cm														
	30.0cm														
	10.0cm														
Daily Max. Wind speed	0.1cm														
	5.0cm														
	10.0cm														
	20.0cm														
Daily Min. Rel. Humid.	30.0cm														
	20%	9	17	19	16	10	1		1		2	7	8	90	
	21 ~ 30%	9	6	6	4	10	4		2		2	7	8	58	
	31 ~ 40%	9	3	1	1	4	4		2	6	3	6	5	56	
Daily Max. Wind speed	41 ~ 50%	1	1	3	1	4	7	10	12	5	8	3	4	59	
	51 ~ 70%	2	1		5	3	10	16	4	11	14	6	3	75	
	71%	1	1	2	3		4	3		8	2	1	3	28	
	0.5 ~ 3.3%	9	2	3	3	9	9	12	15	23	19	10	9	123	
Daily Max. Wind speed	3.4 ~ 7.9%	18	21	28	26	20	21	19	16	7	11	20	19	226	
	8.0 ~ 13.8%	4	6		1	2							3	17	
	13.9%														

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow														
	Sleet														
	Snow Pellet														
	Hail														
	Fog														
	Frost														
	Freezing														
	Haze														
	Yellow Sand														
	Thunder Storm														
Sunshine (0%)	3	4	3	3	1	5	4	0	7	3	4	4	4	41	
< 20%	6	5	5	9	4	10	8	3	17	15	7	8	8	97	
80%	0	15	11	6	11	3	0	9	1	3	3	0	0	62	
Cloud Amount	2.4														
2.5 ~ 5.4															
5.5 ~ 7.4															
7.5															
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10241	10241	10226	10147	10101	10105	10091	10090	10084	10158	10231	10229	
		2nd	10212	10203	10205	10147	10156	10057	10055	10050	10149	10211	10202	10252	
		3rd	10271	10281	10204	10116	10101	10077	10097	10036	10169	10199	10249	10248	
	Mean Temp. (0.1)	1st	33	8	66	134	171	204	249	270	226	185	88	41	
		2nd	-8	47	70	137	177	229	247	285	204	150	107	29	
		3rd	-12	20	93	156	206	225	271	240	196	133	51	27	
	Mean Max.Temp. (0.1)	1st	88	64	125	206	227	257	296	335	278	236	154	112	
		2nd	35	104	138	198	258	284	292	352	246	221	174	85	
		3rd	23	77	171	228	280	268	329	299	246	178	102	78	
	Mean Min.Temp. (0.1)	1st	-9	-43	10	73	115	160	218	230	190	150	29	-22	
		2nd	-47	-1	10	86	100	185	210	236	174	109	44	-20	
		3rd	-50	-26	22	96	134	192	233	192	162	95	9	-16	
	Mean D.P.Temp. (0.1)	1st	-83	-144	-34	49	75	140	213	218	185	139	11	-55	
		2nd	-117	-52	-49	38	82	170	197	212	169	112	43	-54	
		3rd	-118	-100	-27	64	107	172	219	162	163	83	-40	-46	
	Mean Vapor Press (0.1hPa)	1st	35	21	59	91	110	163	254	262	214	167	71	44	
		2nd	27	52	50	86	112	195	230	253	194	134	90	46	
		3rd	30	32	53	100	131	198	263	188	188	113	51	49	
	Mean Rel. Humid. (%)	1st	46	34	56	64	59	70	82	76	80	78	63	55	
		2nd	47	53	49	57	60	72	76	68	82	81	71	59	
3rd		50	45	50	62	59	74	75	65	83	74	57	63		
Mean Wind Speed (0.1m/s)	1st	24	28	19	13	28	12	15	12	10	14	16	19		
	2nd	29	30	16	28	17	17	14	11	9	8	10	17		
	3rd	25	25	15	16	14	17	13	19	8	12	21	23		
Total Precip. (0.1mm)	1st			641	755	780	141	2086	631	950	1302	1	1		
	2nd	20	406	85	680	145	140	75	0	2030	535	123	40		
	3rd	290	62	24	902	187	450	15	492	490	72	51	698		
Total Evaporation (0.1mm)	1st														
	2nd														
	3rd														
Total Sunshine (0.1hr)	1st	614	845	567	652	679	607	407	804	316	401	617	549		
	2nd	494	560	740	656	1010	658	565	989	344	461	487	508		
	3rd	498	543	952	648	989	515	836	797	269	263	434	473		
Mean Cloud Amount (0.1)	1st														
	2nd														
	3rd														
First and Last of Seasonal Phenomena	Genesis	Max. Temp. < 30					18			09				115(54)	
		Max. Temp. < 25				01					17			200(130)	
		Mean Temp. < 25							05		04			62(43)	
		Min. Temp. < 25							26	23				29(2)	
	Continue	Max. Temp. < 30							23	25				34	
		Max. Temp. < 25							17	27				42	
		Mean Temp. < 25							23	25				34	
		Min. Temp. < 25								23 - 23				1	
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0							19 - 24						6(4)
Mean Temp. < 0								17		01				76(22)	
Min. Temp. < 0						26				28				124(79)	
Frost															
Continue	Freezing														
	Snow														
	Snow Cover														
	Max. Temp. < 0							23 - 24						2	
	Mean Temp. < 0							18 - 25						8	
	Min. Temp. < 0							11 - 28						18	

Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10177	10179	10155	10085	10070	10032	10036	10010	10077	10129	10164	10179	10108
		Mean Sea Level	10235	10236	10212	10140	10124	10085	10088	10062	10131	10183	10220	10236	10163
		Highest	10334	10360	10298	10252	10251	10144	10163	10115	10211	10301	10330	10332	10360
		Date	01	25	01	19	14	10	06	05	21	30	29	30	02/25
		Lowest	10081	10017	10083	9933	9950	9948	9993	9911	10009	9804	10120	10077	9804
		Date	18	14	18	17	03	24	14	30	01	05	19	22	10/05
(0.1)	Air Temp.	Mean	28	51	95	147	191	222	260	280	229	184	111	68	156
		Mean Max.	70	101	144	199	248	261	297	330	266	224	158	116	201
		Mean Min.	- 10	6	53	102	141	191	233	242	200	153	71	25	117
		Highest	152	179	222	259	305	293	353	369	304	288	202	194	369
		Date	03	13	30	14	30	23	31	11	08	03	05	22	08/11
		Lowest	- 87	- 35	- 35	77	96	133	209	182	161	83	10	- 19	- 87
		Date	24	02	01	16	17	02	23	28	21	30	26	16	01/24
(0.1hPa)	Vapor Press.	Mean	40	44	70	95	157	231	309	310	250	179	100	66	154
		Highest	95	168	155	186	398	321	403	412	354	334	202	221	412
		Date	03	13	06	17	30	24	29	26	14	03	19	22	08/26
		Lowest	10	13	16	25	49	69	224	129	71	33	21	10	10
		Date	24	15	12	19	04	03	15	31	13	30	02	16	12/16
(0.1) Mean D.P.Temp.		- 73	- 64	5	53	131	195	245	244	208	151	55	- 7	95	
Rel. Humid. (%)	Mean	50	46	57	60	73	87	92	83	90	84	73	63	72	
	Lowest	11	12	11	12	13	16	30	29	39	19	8	8	8	
	Date	12	09	30	20	04	03	21	31	20	30	15	16	12/16	
(0.1mm)	Precip.	00~24h Total	815	1046	1267	2837	1612	1523	3191	674	4917	2664	595	1485	22626
		09~09h Total													
	Highest	1 Daily	355	620	465	570	570	430	890	625	1650	1745	295	665	1745
		Date	28	12	18	27	03	24	01	28	17	05	18	22	10/05
	6	6 - Hour	260	495	325	485	480	405	665	445	1265	1555	295	620	1555
		Date	29	13	06	16	03	24	01	28	17	05	19	22	10/05
	1	60 - Minute				120	240	220	540	120	570	815			815
		Date				16	24	16	02	28	17	05			10/05
	10	10 - Minute				35	70	155	165	30	145	165			165
		Date				16	24	16	02	28	17	05			10/05
2	2 - Day	600	995	430	795	305	315	1615	626	1995	1748	305	975	1995	
	Date	28 - 29	12 - 13	05 - 06	06 - 07	10 - 11	19 - 20	01 - 02	27 - 28	02 - 03	04 - 05	18 - 19	21 - 22	09/02 - 09/03	
3	3 - Day			671	607	312	580	2635	631	2030	931		1210	2635	
	Date			03 - 06	26 - 28	08 - 11	18 - 22	01 - 06	26 - 28	01 - 03	26 - 02		19 - 22	07/01 - 07/06	
(0.1mm)	Evapor.	Small	Total												
			Highest												
	Large	Total													
		Highest													
(0.1%)	Wind	Mean Speed	19	21	18	20	19	18	20	20	14	16	14	16	18
		Highest Speed	67	73	82	101	113	60	81	59	58	98	68	80	113
		Highest Dir.	WNW	NW	SE	NW	ESE	NW	NW	W	ESE	WNW	NNW	SE	ESE
		Date	19	28	05	17	03	24	02	31	03	05	24	22	05/03
		Highest Gust Speed	137	130	163	197	229	139	156	145	113	179	120	179	229
		Highest Gust Dir.	WNW	NW	ESE	NW	ESE	NW	NW	WSW	SE	ESE	NNW	ESE	ESE
		Date	24	28	05	17	03	24	02	31	01	05	24	21	05/03
		Resultant Speed	15	13	2	6	3	6	1	6	9	6	7	12	1
	Resultant Dir.	WNW	WNW	NNE	SE	ESE	SE	ESE	ESE	E	NW	NW	NNW		
(0.1)	Cloud Amount	Mean													
		Mean Low Mid.													
Sunshine	Total(0.1hr)	1568	1968	2045	1890	2314	1411	1849	2632	228	4	1390	1551	18850	
	Perc.(0.1%)	500	620	550	482	533	325	419	632	61	1	448	507	423	
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
		Date													
		Total													
(0.1)	Grass Min. Temp.	Mean	- 50	- 38	17	77	114	179	225	231	187	121	27	- 18	89
		Lowest	- 99	- 88	- 71	36	66	95	192	178	117	35	- 40	- 65	- 99
		Date	25	08	02	26	05	02	23	30	21	30	26	18	01/25
(0.1)	Mean Soil Temp.	Surface	35	71	121	177	225	256	301	340	243	183	101	48	175
		0.05m													
		0.1m													
		0.2m													
		0.3m													
		0.5m													
		1.0m													
		1.5m													
		3.0m													
	5.0m														
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	20	32	26	33	37	24	38	22	16	23	17	26	38
		NE	14	25	31	29	35	26	27	17	25	14	26	31	35
		ENE	9	10	29	23	36	24	31	23	30	22	21	6	36
		E	32	38	41	61	47	36	42	42	40	40	33	33	61
		ESE	23	49	69	77	102	54	54	54	56	75	33	68	102
		SE	21	45	72	81	73	45	53	45	45	77	23	78	81
		SSE	13	40	68	42	24	55	13	21	28	23	14	22	68
		S	12	55	36	34	26	42	33	26	31	10	13	14	55
		SSW	28	36	54	58	47	50	43	53	32	20	29	15	58
		SW	34	46	48	43	41	44	47	43	25	26	30	38	48
		WSW	35	44	29	66	45	38	30	37	35	19	24	36	66
		W	42	45	33	64	55	40	36	56	21	24	32	42	64
		WNW	62	52	41	70	40	59	66	48	38	80	39	51	80
		NW	56	56	59	85	49	52	70	48	44	53	51	61	85
	NNW	46	43	52	32	46	48	37	35	27	55	57	46	57	
	(0.1%)	N	27	27	30	33	28	30	37	24	29	37	27	37	37
	Hourly Occurrence Percentage	CALM	149	101	140	144	166	113	89	118	164	181	215	232	151
		NNE	7	20	32	39	15	13	27	16	13	12	18	11	18
		NE	8	9	13	13	22	13	17	19	11	5	8	1	12
		ENE	11	1	17	18	31	35	42	14	35	15	11	1	19
		E	24	30	70	92	106	78	51	106	131	97	50	16	71
		ESE	27	39	148	215	159	246	176	268	298	274	78	38	164
		SE	8	23	58	82	67	76	62	72	95	55	36	7	53
		SSE	4	10	24	26	7	21	7	26	43	24	24	15	19
		S	5	7	16	11	11	22	8	11	14	11	14	8	12
		SSW	5	26	32	38	50	69	44	24	17	12	15	5	28
		SW	24	32	38	43	46	71	95	54	10	15	21	27	40
WSW		48	57	30	35	35	42	47	20	11	22	25	32	34	
W		125	142	51	63	73	35	59	48	17	34	64	86	66	
WNW	247	249	78	63	75	39	60	57	42	86	122	243	113		
NW	203	141	117	50	54	54	89	73	51	94	149	168	104		
NNW	77	89	94	33	39	44	73	49	24	43	122	77	64		
(0.1%)	N	28	24	42	36	43	31	54	23	26	20	28	31	32	
Number of Days With Classified	Daily Max. Temp.	0.0	1												1
		0.1 ~ 10.0	27	17	4								2	11	61
		10.1 ~ 20.0	3	12	26	14	1				1	7	27	20	111
		20.1 ~ 30.0			1	16	28	30	15	5	27	24	1		147
	Daily Mean Temp.	30.1					2		16	26	2				46
		-5.0	1												1
		-4.9 ~ 0.0	5	2											7
		0.1 ~ 10.0	25	25	15								11	25	101
	Daily Min. Temp.	10.1 ~ 20.0		2	16	30	21	3		1	2	24	19	5	123
		20.1					9	27	31	29	28	7			131
		-15.0													
		-14.9 ~ -5.0	4		4										4
	Daily Precip.	-4.9 ~ 0.0	14	17	4									7	42
		0.1 ~ 10.0	13	11	24	14	1					2	22	24	111
		10.1		1	3	16	30	30	31	31	30	29	8		209
		0.1mm	4	5	10	11	10	15	10	7	16	12	9	6	115
	60 - Minute Max. Precip.	10.0mm	3	2	3	6	4	6	7	1	7	4	2	4	49
		30.0mm	1	2	2	4	2	1	3	1	5	2		2	25
		80.0mm							1		2	1			4
		100.0mm									2	1			3
10 - Minute Max. Precip.	1.0mm				10	8	10	8	3	10	6			55	
	6.0mm				6	2	5	6	1	5	3			28	
	10.0mm				3	2	2	5	1	5	2			20	
	20.0mm					1	2	3		2	1			9	
Daily Max. New Snowfall	30.0mm							3		1	1			5	
	0.1mm														
	1.0mm				11	10	15	10	7	16	12			81	
	5.0mm				8	7	8	7	2	10	5			47	
Daily Max. Snow Depth	10.0mm					2	2	5		3	2			14	
	10.0mm						1	2		1	1			5	
	5.0cm														
	10.0cm														
Daily Min. Rel. Humid.	30.0cm														
	0.1cm														
	5.0cm	6	9	9	12	4	1				1	5	6	53	
	10.0cm	10	13	5	5	5		1	1			2	5	47	
Daily Max. Wind speed	30.0cm	8	3	9	3	5	1			1	4	7	5	46	
	20%	2	2	4	3	6	4			7	2	3	4	5	
	31 ~ 40%	4	1	3	5	7	9	13	22	12	16	7	7	106	
	41 ~ 50%	1	1	1	2	4	15	17	1	15	7	5	3	72	
Daily Max. Wind speed	51 ~ 70%	6	2	3	2	6	4	3	3	12	12	10	12	75	
	71%	25	27	27	26	24	26	27	28	18	18	20	18	284	
	0.5 ~ 3.3%				1	2	1						1	7	
	3.4 ~ 7.9%														

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow														
	Sleet														
	Snow Pellet														
	Hail														
	Fog														
	Frost														
	Freezing														
	Haze														
	Yellow Sand														
	Thunder Storm														
Sunshine (0%)	4	1	4	5	4	4	6	1	11	7	2	3	52		
< 20%	8	4	6	10	7	12	10	2	15	9	11	8	102		
80%	0	12	12	7	12	3	3	9	1	0	4	0	63		
Cloud Amount	2.4														
2.5 ~ 5.4															
5.5 ~ 7.4															
7.5															
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10237	10235	10224	10149	10108	10109	10101	10091	10084	10152	10225	10226	
		2nd	10203	10202	10205	10153	10160	10064	10060	10052	10143	10204	10197	10241	
		3rd	10263	10276	10206	10119	10104	10081	10103	10045	10165	10192	10238	10240	
	Mean Temp. (0.1)	1st	55	28	91	142	181	208	251	284	246	209	115	80	
		2nd	21	70	87	146	182	231	250	297	224	185	137	66	
		3rd	11	54	106	154	211	228	277	259	218	160	80	59	
	Mean Max.Temp. (0.1)	1st	101	83	135	199	225	251	285	340	285	247	162	130	
		2nd	66	119	137	194	247	269	288	349	259	231	189	110	
		3rd	44	102	157	205	270	263	317	304	254	195	123	109	
	Mean Min.Temp. (0.1)	1st	12	-17	51	98	139	171	222	247	216	179	75	30	
		2nd	-15	23	44	100	124	201	226	260	197	151	95	25	
		3rd	-25	12	62	109	158	202	251	222	187	133	43	21	
	Mean D.P.Temp. (0.1)	1st	-39	-105	9	64	125	168	242	257	228	182	54	-11	
		2nd	-90	-20	-13	31	116	213	234	255	201	156	99	-7	
		3rd	-88	-68	18	62	153	205	257	219	196	119	11	-5	
	Mean Vapor Press (0.1hPa)	1st	48	28	76	99	152	196	302	330	279	217	97	62	
		2nd	34	62	62	84	142	255	289	327	239	178	130	67	
		3rd	37	41	72	103	178	243	332	271	232	144	74	69	
	Mean Rel. Humid. (%)	1st	53	39	60	64	75	81	96	87	91	87	70	57	
		2nd	46	55	53	51	71	91	92	80	89	85	82	64	
3rd		52	43	57	64	73	89	90	82	89	79	66	67		
Mean Wind Speed (0.1m/s)	1st	15	18	20	17	24	19	18	16	14	19	16	15		
	2nd	20	22	17	23	19	18	20	19	15	11	10	15		
	3rd	21	23	19	20	15	18	23	24	15	18	17	19		
Total Precip. (0.1mm)	1st	15		781	905	992	152	2635	41	2037	2217	90			
	2nd	200	996	465	805	180	655	556		1965	255	455	235		
	3rd	600	50	21	1127	440	716		633	915	192	50	1250		
Total Evaporation (0.1mm)	1st														
	2nd														
	3rd														
Total Sunshine (0.1hr)	1st	586	813	553	588	512	548	368	851	202	0	566	557		
	2nd	493	527	723	699	944	465	590	985	26	0	441	466		
	3rd	489	628	769	603	858	398	891	796	0	4	383	528		
Mean Cloud Amount (0.1)	1st														
	2nd														
	3rd														
First and Last of Seasonal Phenomena	Genesis	Max. Temp. 30					30				08			102(46)	
		Max. Temp. 25			14							17		187(127)	
		Mean Temp. 25							05			03		91(53)	
		Min. Temp. 25							25	23				30(22)	
	Continue	Max. Temp. 30							23	25				34	
		Max. Temp. 25						28		27				61	
		Mean Temp. 25							22	25				35	
		Min. Temp. 25							25	01				8	
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0							24 - 24						1(1)
		Mean Temp. < 0							19	15					28(8)
		Min. Temp. < 0						17			12				87(42)
Frost															
Continue	Max. Temp. < 0							24 - 24						1	
	Mean Temp. < 0							23 - 25						3	
	Min. Temp. < 0							31	08					9	
	Frost														
Freezing															
Snow															
Snow Cover															

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Element		1	2	3	4	5	6	7	8	9	10	11	12		
(0.1hPa)	Air Press.	Mean Station	10183	10184	10157	10086	10070	10032	10036	10008	10080	10131	10168	10183	10110
		Mean Sea Level	10239	10240	10212	10139	10123	10084	10087	10059	10132	10184	10222	10239	10163
		Highest	10339	10363	10300	10247	10251	10145	10158	10115	10218	10301	10334	10336	10363
		Date	01	25	01	20	14	10	07	01	21	30	29	30	02/25
		Lowest	10089	10024	10090	9946	9951	9952	9993	9921	10010	9890	10122	10080	9890
		Date	18	13	18	17	03	24	14	30	01	05	19	22	10/05
(0.1)	Air Temp.	Mean	22	44	91	148	192	223	261	276	224	174	104	56	151
		Mean Max.	63	96	146	204	252	265	305	334	262	213	152	106	200
		Mean Min.	- 14	- 3	42	102	139	190	228	237	198	146	61	11	111
		Highest	156	174	215	267	316	303	355	375	306	290	206	205	375
		Date	03	13	30	14	30	19	31	11	09	03	19	22	08/11
		Lowest	- 88	- 56	- 58	75	98	139	204	167	158	82	- 4	- 44	- 88
		Date	24	02	01	16	01	02	18	29	21	30	25	30	01/24
(0.1hPa)	Vapor Press.	Mean	41	44	69	99	126	207	278	272	229	160	90	61	140
		Highest	89	191	160	199	243	286	342	356	298	291	184	199	356
		Date	03	13	06	16	24	24	29	15	04	03	19	22	08/15
		Lowest	11	15	17	18	16	93	202	129	131	63	31	15	11
		Date	23	25	12	25	05	02	15	31	20	30	24	30	01/23
(0.1) Mean D.P.Temp.			- 64	- 63	4	59	93	178	227	222	195	135	44	- 12	85
Rel. Humid. (%)	Mean		56	49	59	62	59	78	83	74	85	79	69	64	68
		Lowest	14	13	13	6	6	4	49	28	42	28	21	12	4
		Date	12	09	28	25	17	27	15	31	20	09	15	30	06/27
(0.1mm)	Precip.	00-24h Total	627	1195	1184	4105	2036	1607	1671	631	5888	2692	917	1455	24008
		09-09h Total													
	Highest	1 Daily	330	995	410	1020	1115	565	510	510	2675	1820	525	845	2675
		Date	28	12	18	16	03	24	01	28	17	05	18	21	09/17
	6 6 - Hour		235	490	225	975	950	530	415	290	1415	1620	390	795	1620
		Date	29	13	04	16	03	24	02	28	17	05	18	22	10/05
	1 60 - Minute					405	295	225	335	70	555	710			710
		Date				16	03	24	02	28	17	05			10/05
	10 10 - Minute					95	65	150	135	20	135	145			150
		Date				16	03	24	02	28	17	05			06/24
2 2 - Day		565	1180	545	1075	1125	415	930	515	2840	1830	560	985	2840	
	Date	28 - 29	12 - 13	04 - 05	16 - 17	02 - 03	19 - 20	01 - 02	27 - 28	17 - 18	04 - 05	18 - 19	21 - 22	09/17 - 09/18	
3 3 - Day		567		583	690	359	805	1490	615	2850	2528			2850	
	Date	28 - 30		03 - 06	26 - 28	09 - 11	18 - 22	01 - 06	26 - 28	16 - 18	26 - 05			09/16 - 09/18	
(0.1mm)	Evapor.	Total													
		Highest													
(0.1mm)	Small	Total													
		Highest													
(0.1mm)	Large	Total													
		Highest													
(0.1%)	Wind	Mean Speed	13	15	12	14	14	12	12	14	12	12	11	12	13
		Highest Speed	49	58	55	65	55	44	48	57	41	73	41	55	73
		Highest Dir.	NW	WNW	SW	WNW	W	SW	SSW	WNW	S	N	W	SSW	N
		Date	18	14	05	17	03	14	02	31	01	05	22	22	10/05
		Highest Gust Speed	91	98	110	110	106	72	89	96	80	118	74	95	118
		Highest Gust Dir.	WNW	SE	SE	S	SE	E	S	W	SSE	NNW	WNW	WNW	NNW
		Date	19	12	05	16	03	01	01	30	01	05	22	22	10/05
		Resultant Speed	9	9	4	3	3	2	3	4	5	5	7	9	5
		Resultant Dir.	WNW	WNW	W	WNW	WSW	WSW	SSW	NW	NNW	NW	WNW	WNW	WNW
(0.1)	Cloud Amount	Mean													
		Mean Low Mid.													
Sunshine	Total(0.1hr)		1789	2028	2059	1892	2430	1474	2117	2818	1101	1166	1655	1803	22332
		Perc.(0.1%)	570	640	554	482	560	340	480	677	296	333	532	589	501
(0.01MJ/m) Total Horizontal Radiation															
Snow (0.1cm)	Highest	Snow Depth													
		Date													
		Snowfall													
		Date													
		Total													
(0.1)	Grass Min. Temp.	Mean	- 69	- 57	- 3	70	104	175	222	226	189	127	26	- 24	82
		Lowest	- 124	- 118	- 110	26	48	102	195	150	136	49	- 42	- 65	- 124
		Date	25	07	01	02	05	02	23	29	21	30	29	16	01/25
(0.1)	Mean Soil Temp.	Surface	19	50	113	169	223	254	296	330	238	186	108	50	170
		0.05m													
		0.1m													
		0.2m													
		0.3m													
		0.5m													
		1.0m													
		1.5m													
		3.0m													
5.0m															
(0.01hr) Dur. of Precip.															
(0.01hr) Dur. of Fog															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	19	20	24	23	17	15	15	25	28	28	20	15	28
		NE	11	14	18	20	18	20	16	20	29	45	19	14	45
		ENE	11	15	17	29	29	35	25	27	17	33	26	14	35
		E	11	27	25	29	30	38	32	37	22	35	31	12	38
		ESE	12	25	31	42	50	32	29	27	19	21	8	15	50
		SE	9	39	20	41	45	21	25	25	28	14	10	9	45
		SSE	7	41	40	34	32	24	29	21	29	10	12	30	41
		S	13	51	24	43	38	27	33	17	18	18	7	8	51
		SSW	9	32	42	41	35	34	41	29	39	27	7	46	46
		SW	15	39	54	41	42	36	34	35	26	30	21	25	54
		WSW	23	37	35	47	47	34	27	28	16	28	31	39	47
		W	31	35	29	51	47	36	24	49	18	30	34	34	51
		WNW	33	53	25	56	37	31	26	49	14	33	33	43	56
		NW	40	46	20	57	38	17	23	39	15	52	23	43	57
	NNW	38	36	19	20	26	20	17	23	26	25	21	24	38	
	(0.1%)	N	18	21	25	30	27	24	20	33	33	66	25	17	66
	Hourly Occurrence Percentage	CALM	74	63	113	96	94	142	152	67	60	46	49	70	86
		NNE	36	29	55	51	34	49	43	98	114	81	38	21	54
		NE	28	42	63	60	42	49	42	58	45	60	29	32	46
		ENE	12	26	30	68	75	60	81	55	24	34	24	15	42
		E	9	11	35	49	32	63	43	44	24	28	11	13	30
		ESE	5	17	28	39	35	39	34	22	6	12	3	4	20
		SE	4	10	15	22	54	28	39	23	10	9	4	3	18
		SSE	3	13	24	14	17	32	35	17	17	4	8	7	16
		S	8	17	15	10	28	31	52	8	10	3	4	7	16
		SSW	9	17	46	39	39	53	99	22	32	12	4	12	32
		SW	31	49	94	61	66	103	91	66	50	32	38	38	60
		WSW	172	157	163	151	206	117	109	210	156	235	224	236	178
W		196	178	117	115	129	89	70	112	86	148	240	220	142	
WNW		200	190	82	79	58	40	31	52	59	59	129	205	99	
NW	113	119	39	39	19	17	31	23	49	58	68	70	53		
NNW	47	30	31	28	27	39	20	40	81	69	60	23	41		
(0.1%)	N	52	32	51	79	46	53	28	83	178	110	68	24	67	
Number of Days With Classified	Daily Max. Temp.	0.0	1												1
		0.1 ~ 10.0	27	17	5								2	16	67
		10.1 ~ 20.0	3	12	25	14	2				1	12	26	13	108
		20.1 ~ 30.0			1	16	28	28	13	5	24	19	2	1	137
	Daily Mean Temp.	30.1					1	2	18	26	5				52
		-5.0	1												1
		-4.9 ~ 0.0	6	3											9
		0.1 ~ 10.0	24	24	17								12	28	105
	Daily Min. Temp.	10.1 ~ 20.0		2	14	30	18	3		1	5	26	18	3	120
		20.1					13	27	31	30	24	5			130
		-15.0													
		-14.9 ~ -5.0	5	2	1										8
	Daily Precip.	-4.9 ~ 0.0	15	18	3								2	14	52
		0.1 ~ 10.0	11	8	26	14	1					2	23	17	102
		10.1	1	1	1	16	30	30	31	31	30	29	5		204
		0.1mm	5	3	8	12	12	14	10	7	14	13	9	6	113
	60 - Minute Max. Precip.	10.0mm	2	2	4	7	4	5	4	2	8	4	3	4	49
		30.0mm	1	1	2	7	3	1	3	1	4	2	1	1	27
		80.0mm		1		1	1	1			3	1		1	8
		100.0mm				1	1				3	1			6
	10 - Minute Max. Precip.	1.0mm				11	6	9	7	3	9	9			54
		6.0mm				7	4	4	3	1	7	2			28
		10.0mm				6	2	3	3		4	2			20
		20.0mm				1	1	1	3		2	1			9
Daily Max. New Snowfall	30.0mm				1			1		2	1			5	
	0.1mm				12	12	14	10	7	14	13			82	
	1.0mm				8	6	6	7	3	8	7			45	
	5.0mm				2	3	2	3		2	1			13	
Daily Max. Snow Depth	10.0mm							1	2		1			6	
	0.1cm														
	5.0cm														
	10.0cm														
Daily Min. Rel. Humid.	30.0cm														
	20%	2	8	7	14	10	1						2	44	
	21 ~ 30%	8	11	10	4	6	1		1		1	6	6	54	
	31 ~ 40%	12	6	7	3	6	4		2		3	7	7	57	
Daily Max. Wind speed	41 ~ 50%	5	2	3	1	4	5	2	15	4	1	6	6	54	
	51 ~ 70%	3		2	4	5	15	21	12	16	22	8	8	116	
	71%	1	2	2	4		4	8	1	10	4	3	2	41	
	0.5 ~ 3.3%	25	17	22	16	20	18	27	21	28	26	27	21	268	
Daily Max. Wind speed	3.4 ~ 7.9%	6	12	9	14	11	12	4	10	2	5	3	10	98	
	8.0 ~ 13.8%														
	13.9%														

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow														
	Sleet														
	Snow Pellet														
	Hail														
	Fog														
	Frost														
	Freezing														
	Haze														
	Yellow Sand														
	Thunder Storm														
Sunshine (0%)	4	2	4	7	2	4	4	4	0	9	6	2	3	47	
< 20%	7	3	8	11	8	13	8	8	2	17	13	6	7	103	
80%	5	13	12	7	12	3	6	12	4	4	11	13		102	
Cloud Amount															
2.4															
2.5 ~ 5.4															
5.5 ~ 7.4															
7.5															
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10240	10239	10224	10148	10108	10107	10099	10090	10084	10152	10227	10226	
		2nd	10209	10205	10206	10152	10159	10063	10058	10051	10149	10206	10198	10246	
		3rd	10267	10280	10206	10118	10103	10081	10102	10037	10166	10193	10242	10245	
	Mean Temp. (0.1)	1st	48	22	84	141	176	209	253	284	240	202	111	71	
		2nd	14	63	79	145	185	233	251	295	221	173	131	50	
		3rd	4	47	107	157	212	228	278	253	211	150	71	47	
	Mean Max.Temp. (0.1)	1st	97	78	136	201	225	257	292	342	282	244	162	122	
		2nd	58	113	137	198	254	276	292	355	255	215	179	95	
		3rd	37	96	163	214	275	264	327	308	250	183	114	100	
	Mean Min.Temp. (0.1)	1st	6	-31	38	96	129	172	223	246	212	171	61	19	
		2nd	-19	19	31	102	125	197	220	255	197	143	89	7	
		3rd	-28	3	55	110	160	201	240	212	186	125	32	7	
	Mean D.P.Temp. (0.1)	1st	-35	-102	15	70	67	150	230	238	211	166	48	-10	
		2nd	-77	-20	-11	52	78	192	215	241	192	135	80	-13	
		3rd	-79	-68	8	55	129	192	237	191	183	106	4	-14	
	Mean Vapor Press (0.1hPa)	1st	49	29	78	103	109	174	281	296	250	196	91	60	
		2nd	37	62	63	95	113	224	258	300	224	156	113	61	
		3rd	38	40	67	99	152	223	294	226	213	131	67	61	
	Mean Rel. Humid. (%)	1st	57	42	65	68	56	72	88	78	85	82	68	58	
		2nd	53	58	57	59	56	80	82	74	85	80	74	67	
3rd		57	45	54	59	63	81	80	71	85	76	64	66		
Mean Wind Speed (0.1m/s)	1st	12	13	12	10	16	12	13	12	12	13	13	12		
	2nd	14	16	11	17	14	13	11	12	14	11	10	11		
	3rd	13	15	13	13	11	12	12	18	11	14	11	14		
Total Precip. (0.1mm)	1st	35		773	1395	1584	137	1494	5	2285	2081	11			
	2nd	25	1180	410	1490	100	555	177	11	2959	415	855	215		
	3rd	567	15	1	1220	352	915		615	644	196	51	1240		
Total Evaporation (0.1mm)	1st														
	2nd														
	3rd														
Total Sunshine (0.1hr)	1st	682	874	545	587	538	573	468	926	402	431	697	688		
	2nd	580	543	707	685	1011	524	569	1031	389	473	503	542		
	3rd	527	611	807	620	881	377	1080	861	310	262	455	573		
Mean Cloud Amount (0.1)	1st														
	2nd														
	3rd														
First and Last of Seasonal Phenomena	Genesis	Max. Temp. 30					30				09				103(55)
		Max. Temp. 25				09						06			181(128)
		Mean Temp. 25						19				03			107(53)
		Min. Temp. 25							26	22					28(17)
	Continue	Max. Temp. 30							23	26					35
		Max. Temp. 25							04	27					55
		Mean Temp. 25							23	25					34
		Min. Temp. 25								11 - 17					7
	'15.7 - '16.6 Low Temp. Phenomena		'15 7	8	9	10	11	12	'16 1	2	3	4	5	6	
	Genesis	Max. Temp. < 0							24 - 24						1(1)
Mean Temp. < 0								19	15					28(9)	
Min. Temp. < 0							17			12				87(50)	
Frost															
Continue	Freezing														
	Snow														
	Snow Cover														
	Max. Temp. < 0							24 - 24						1	
	Mean Temp. < 0							19 - 25						7	
	Min. Temp. < 0							18 - 27						10	

ANNUAL AERODROME WEATHER REPORT

INTRODUCTORY NOTE

2016

1. (135° E)
In this report, the time stated is Korean Standard Time (135° E Meridian).

2. (1 24)
AUTO 06 ~22 1 17 ,
09 ~18 1 10 07 ~20 1 14
80%

Daily mean of air pressure, air temperature, dew-point temperature, wind direction and speed, relative humidity and cloud amount is the average of hourly(24 times a day) observations.

However, the daily statistics of cloud amount of Ulsan, Muan, Yangyang, and Yeosu Airports are not calculated because the number of their observational values are less than 80 percent of the daily record. These Airports are operating only automatic observations at night, so the cloud amount is observed 17 times a day from 06h to 22h at Ulsan and Muan Airports, 10 times a day from 09h to 18h at Yangyang Airport, and 14 times a day from 07h to 20h at Yeosu Airport.

3. 00~24 1 , 10 , 1

The precipitation total is the sum of the measured from the first day to the last day of the month.

The 10-minute and the 60-minute greatest values are the largest amount of precipitation measured in any 10-minute and 60-minute, respectively.

4. 5/8 가

The ceiling is the height of the lowest layer of clouds covering greater than or equal to 5/8 among hourly observations.

5.
The lowest relative humidity is the minimum value of hourly observations.

6. 8 8

The cloud amount is represented by the proportion of the area of sky covered with clouds and measured on a scales from 0 to 8.

7. 16 ,
10 ,

Wind directions are given in 16 directions. The mean wind speed is the monthly average of the daily mean wind speed.

The daily max wind speed is the largest value of the mean wind speeds (10-minute averages) in a day. The daily max gust wind speed is the highest instantaneous wind speed recorded in a day.

8. (16) (1 24)

The maximum wind speed and the frequency in percentage for each direction are obtained from hourly observations.

9. (00~24)
1 3

The depth of snow-cover represents the depth of accumulated snow that covers at least half of the area on the ground in a day, while the depth of snowfall represents the accumulated fresh snowfall depth in a day. The total fresh snowfall depth represents the sum of the depth of one or three-hour snowfall.

10. 2/8 , 3/8~4/8,
5/8~7/8, 8/8 , 27knots

The number of days with phenomena represents the number of days for which weather phenomenon actually occurred.

Clear is less than or equal to 2/8 of the sky covered by clouds, partly cloudy is from 3/8 to 4/8 of the sky covered by clouds, mostly cloudy is from 5/8 to 7/8 of the sky covered by clouds, cloudy is 8/8. And gales are strong winds exceeding 27knots.

11. 2015 6 1 가 , , , 가

Due to the changes of climatological elements, eye observational elements such as snowfall depth from Gimhae, Cheongju, Daegu, Gwangju, Pohang and Sacheon Airports are no longer available as of June 1. 2015.

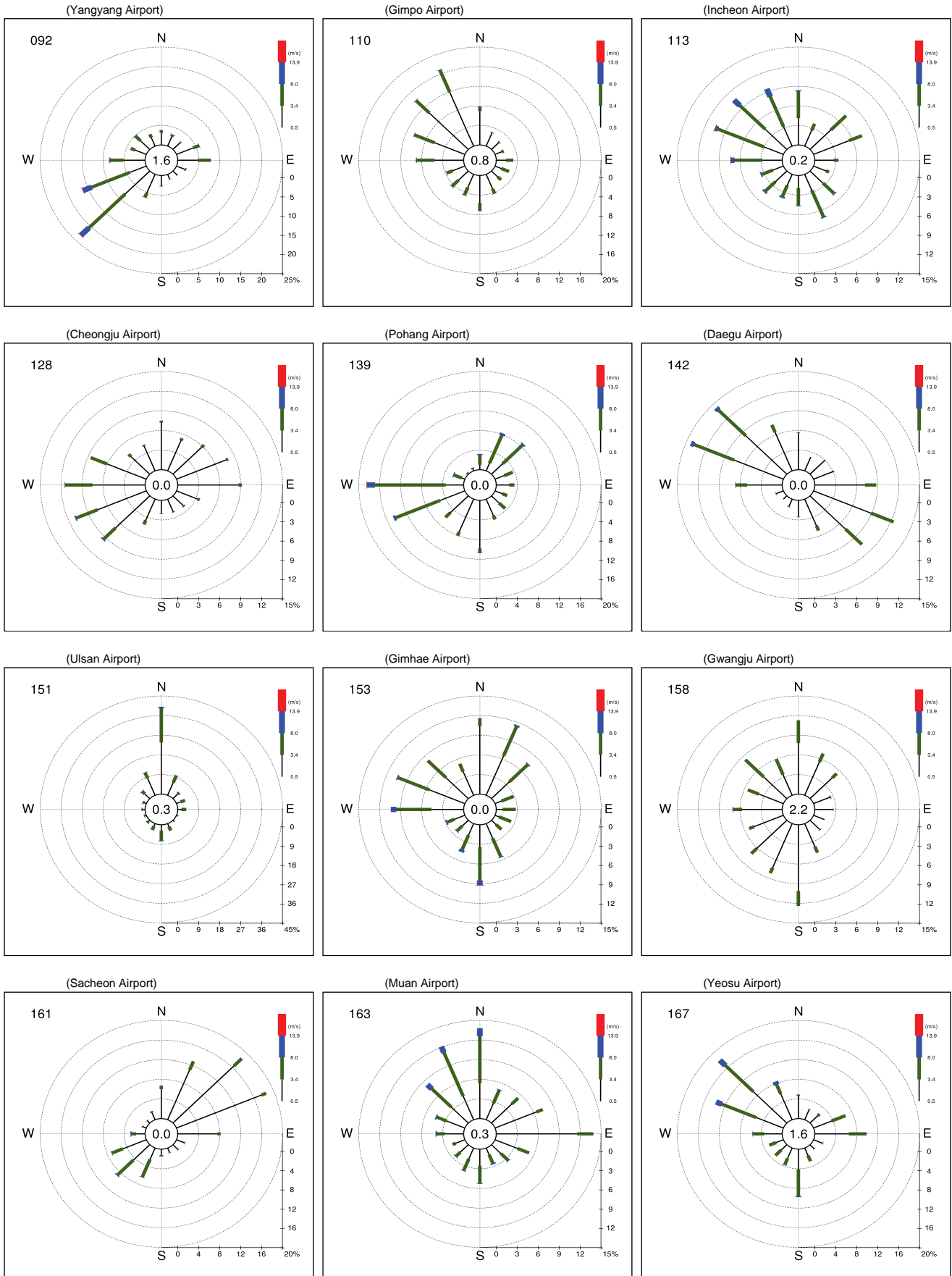
List of the Aeronautical Stations

Station			Lat.(N)	Long.(E)	Hb (m)	ht (m)	ha (m)	hr (m)
092	양양공항	Yangyang Airport	38°04'	128°40'	72.0	1.5	10.0	0.5
110	김포공항	Gimpo Airport	37°33'	126°48'	10.1	1.5	10.0	0.2
113	인천공항	Incheon Airport	37°28'	126°26'	6.0	1.5	10.0	1.1
128	청주공항	Cheongju Airport	36°43'	127°30'	58.2	1.5	7.0	0.1
139	포항공항	Pohang Airport	35°59'	129°25'	21.3	1.5	7.0	0.5
142	대구공항	Daegu Airport	35°53'	128°40'	36.1	1.5	7.0	0.5
151	울산공항	Ulsan Airport	35°36'	129°21'	10.3	2.0	10.0	0.6
153	김해공항	Gimhae Airport	35°10'	128°56'	4.5	1.5	7.0	0.5
158	광주공항	Gwangju Airport	35°08'	126°49'	12.5	1.5	7.0	1.0
161	사천공항	Sacheon Airport	35°05'	128°04'	2.7	1.5	7.0	1.0
163	무안공항	Muan Airport	34°59'	126°23'	9.3	1.5	7.0	0.2
167	여수공항	Yeosu Airport	34°51'	127°37'	10.9	1.5	10.0	0.2
182	제주공항	Jeju Airport	33°31'	126°30'	24.4	2.0	10.0	0.5

Hb : (Height of barometer above mean sea level)
 ht : (Height of thermometer above the ground)
 ha : (Height of anemometer above the the ground)
 hr : (Height of rainauge above the ground)

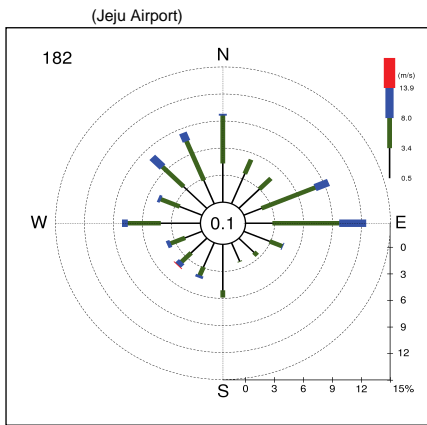
2016

Windroses on 2016

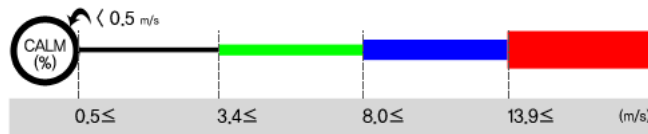
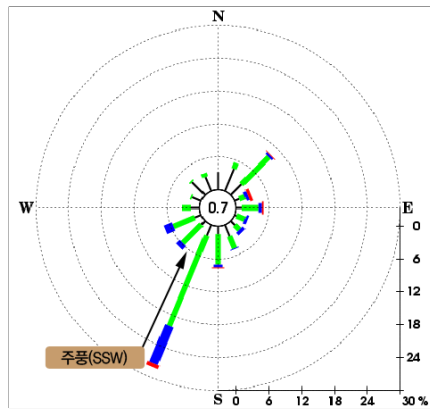


2016

Windroses on 2016



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가.

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(0.5 m/s)

기 상 적 요 표

Annual Meteorological Data

2016년

S t a t i o n n o	S t a t i o n	Press.(0.1hPa)		Air Temperature (0.1)							Precipitation (0.1 mm)									
		M e a n	S e a l e v e l	D e p t h i r o m	M e a n	D e p t h i r o m	Maximum			Minimum			A n n u a l T o t a l	D e p t h i r o m	Greatest					
							M e a n	H i g h e s t	D a t e	M e a n	H i g h e s t	D a t e			1	D a i l y	D a t e	1	H o u r l y	D a t e
92	양양	10158		130		167	355	08/13	97	-148	01/24	12707		1455	07/05	235	09/12			
110	김포	10169		129		185	355	08/21	76	-186	01/24	9101		1165	07/01	445	07/29			
113	인천	10168		128		170	346	08/21	89	-159	01/24	9499		930	07/01	345	07/04			
128	청주	10168		129		190	365	08/20	70	-173	01/24	9770		1367	07/04	203	07/05			
139	포항	10160		150		190	400	08/13	112	-130	01/24	11751		1525	10/05	460	10/05			
142	대구	10162		146		202	382	08/11	96	-131	01/24	11949		1065	09/17	500	07/24			
151	울산	10157		143		198	364	08/14	90	-153	01/24	16125		2805	10/05	1020	10/05			
153	김광	10160		153		199	365	08/14	109	-106	01/25	16184		1204	10/05	308	07/02			
158	김광	10167		144		203	383	08/21	92	-149	01/25	16301		1288	09/17	350	09/17			
161	사무	10176		141		202	380	08/11	85	-140	01/25	15809		1655	09/17	203	09/03			
163	무안	10169		144		188	350	08/20	105	-87	01/24	12573		1405	09/17	625	09/17			
167	여수	10162		152		200	381	08/12	110	-95	01/24	16359		1800	09/17	530	09/17			
182	계주	10167		163		192	352	07/27	133	-61	01/24	12575		950	10/05	290	08/19			

S t a t i o n n o	S t a t i o n	Precipitation (0.1mm)				M e a n r e l h u m i d i t y (%)	Wind (0.1knot)				No. of days Width Phenomena					
		No. of days					M e a n S p e e d	D e p t h i r o m	N o o f d a y s	G a l e	M o s t F r e q.	C l e a r	C l o u d y	T h u n d e r s t o r m	F o g	S n o w C o v e r
		1.0	0.1	Snow	Rain											
		mm	mm													
92	양양	80	94			66	69	13		SW						
110	김포	58	72	15	93	60	53	0		NNW	109	13	8	29	8	
113	인천	51	67	24	97	63	75	4		WNW	96	15	10	57	7	
128	청주	75	94	28	123	72	39	3		W	74	21	12	30	21	
139	포항	78	98	5	124	64	73	4		W	84	36	6	6	4	
142	대구	74	85	5	120	64	46	2		WNW	89	26	11	13	5	
151	울산	81	91			70	65	3		N						
153	김광	85	98	1	140	69	68	7		N	98	26	21	29	2	
158	김광	97	118	26	141	75	42	2		S	54	37	11	55	30	
161	사무	85	103	3	132	77	44	2		ENE	83	35	15	36	3	
163	무안	87	98			80	68	4		E						
167	여수	78	91			68	65	13		NW						
182	계주	106	118	16	155	69	80	16		E	44	60	10	23	6	

Element		1	2	3	4	5	6	7	8	9	10	11	12			
(0.1hPa)	Air Press.	Mean Station	10132	10133	10117	10046	10021	9997	10004	9982	10062	10109	10131	10136	10073	
		Mean Sea Level	10221	10221	10204	10131	10105	10080	10086	10064	10145	10194	10218	10224	10158	
		Highest	10306	10334	10311	10237	10274	10169	10172	10145	10242	10309	10352	10320	10352	
		Date	28	25	04	11	14	05	06	27	21	30	29	25	11/29	
		Lowest	10021	10034	10070	9832	9847	9961	9985	9799	9919	10064	10074	10053	9799	
	Date	18	14	18	17	03	24	13	31	01	08	05	22	08/31		
(0.1)	Air Temp.	Mean	0	16	74	130	175	203	227	249	201	154	88	46	130	
		Mean Max.	35	48	111	180	225	238	255	283	231	189	125	80	167	
		Mean Min.	- 32	- 15	37	89	134	172	204	218	175	123	49	12	97	
		Highest	123	93	215	281	286	303	315	355	302	242	206	135	355	
		Date	03	18	18	22	17	17	30	13	01	03	14	05	08/13	
		Lowest	- 148	- 56	- 50	41	87	137	166	154	138	47	- 11	- 51	- 148	
	Date	24	15	01	12	14	02	07	29	23	30	24	28	01/24		
(0.1) Mean D.P.Temp.		- 124	- 82	- 22	47	92	162	202	212	174	101	3	- 46	60		
Rel. Humid.	(%)	Mean	42	52	56	62	63	80	88	81	86	73	58	55	66	
		Lowest	14	18	15	15	16	21	52	44	42	22	20	14	14	
		Date	05	23	31	08	05	04	03	25	01	31	16	04	12/04	
(0.1mm)	Precip.	00-24h Total	125	592	265	690	345	525	4685	1820	980	820	400	1460	12707	
		Highest	1 Daily	80	140	125	255	235	200	1455	535	420	290	180	585	1455
			Date	30	13	05	16	10	15	05	28	12	03	06	14	07/05
		1	60 - Minute				85	35	95	205	175	235	125			235
			Date				16	10	15	01	08	12	03			09/12
		10	10 - Minute				20	10	45	60	140	80	40			140
			Date				18	10	15	05	08	12	03			08/08
		2	2 - Day	125	225		325	250	300	2155	795	575	310	205	475	2155
			Date	29 - 30	13 - 14		16 - 17	10 - 11	14 - 15	04 - 05	28 - 29	11 - 12	02 - 03	05 - 06	21 - 22	07/04 - 07/05
		3	3 - Day				285			2210	865	870	100	255	480	2210
Date			12 - 14		16 - 18			04 - 06	28 - 31	28 - 01	20 - 23	05 - 08	21 - 23	07/04 - 07/06		
(knot)	Wind	Mean Speed	10.5	8.8	7.7	6.8	7.0	5.0	4.3	5.4	4.4	5.9	7.0	9.6	6.9	
		Highest Speed	38	26	29	39	36	21	18	28	22	21	23	29	39	
		Highest Dir.	WSW	SW	SW	SW	WSW	WSW	SW	WSW	SW	WSW	WSW	SW	SW	
		Date	19	17	02	17	04	17	29	31	01	08	05	16	04/17	
		Highest Gust Speed	48	38	44	54	51	29	25	44	41	27	31	40	54	
		Highest Gust Dir.	WSW	WSW	SW	SW	WSW	SSW	WSW	WSW	SW	WSW	WSW	SW	SW	
		Date	19	19	02	17	04	18	27	31	01	08	05	23	04/17	
		Resultant Speed	10	7	4	2	3	0	0	1	1	2	5	8	4	
		Resultant Dir.	WSW	WSW	SW	WSW	WSW	WSW	NW	SW	WSW	SW	WSW	WSW	WSW	
Cloud (oktas)	Amount	Mean														
	Ceiling (Min.)	(100ft)Height														
Snow (0.1cm)	Highest	Snow Depth														
		Snowfall Date	Total													
(0.01hr) Dur. of Precip.																
(0.01hr) Dur. of Fog																
(0.01 hr)	For Visibility Dur. of Fog	< 0.1km														
		0.1 ~ 0.2km														
		0.2 ~ 0.4km														
		0.4 ~ 0.6km														
		0.6 ~ 0.8km														
		0.8 ~ 1.0km														
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	8	7	9	7	7	8	6	19	11	10	9	8	19	
		NE	6	4	6	6	6	7	6	11	7	12	10	5	12	
		ENE	6	9	12	9	8	9	12	13	14	17	16	5	17	
		E	2	10	12	14	13	11	13	10	12	11	9	6	14	
		ESE		6	11	15	10	10	6	7	6	10	5		15	
		SE	3	6	7	9	12	7	4	7	5	6	4	6	12	
		SSE	5	5	5	6	7	6	5	8	6	7	5	6	8	
		S	2	8	9	10	6	8	8	10	11	8	5	12	12	
		SSW	21	17	16	14	20	16	12	6	8	11	8	16	21	
		SW	29	22	26	35	23	18	14	24	14	14	18	26	35	
		WSW	34	25	25	22	33	18	17	24	15	20	17	25	34	
		W	21	18	19	23	20	16	9	11	10	13	16	21	23	
		WNW	9	11	14	14	8	11	9	13	9	9	13	18	18	
		NW	9	14	11	11	12	13	15	10	13	11	14	22	22	
NNW	7	10	13	12	16	12	10	15	10	16	9	9	16			
(knot)	N	8	12	9	12	8	7	5	14	7	9	9	10	14		

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Percentage (0.1%)	CALM	1	4	5	11	27	19	55	17	25	14	11	3	16
		NNE	19	17	34	32	17	51	58	51	56	19	17	9	32
		NE	7	7	19	35	34	43	56	47	22	38	11	3	27
		ENE	3	17	38	60	86	100	94	91	93	58	43	13	58
		E	3	23	79	107	134	143	132	117	90	74	19	9	78
		ESE		7	38	43	31	43	39	34	36	26	6		25
		SE	1	7	13	21	19	22	22	20	28	22	4	3	15
		SSE	1	7	7	14	17	13	11	23	22	26	13	4	13
		S	1	14	30	35	22	35	35	42	29	57	17	13	27
		SSW	27	39	85	65	51	54	56	89	100	96	58	40	63
		SW	372	319	300	154	177	132	108	207	169	225	274	370	234
		WSW	370	290	137	132	157	50	48	91	67	126	242	277	165
		W	103	96	81	81	71	51	44	62	79	96	121	142	86
		WNW	26	47	52	49	23	42	47	26	36	42	47	46	40
		NW	26	55	32	54	48	90	99	20	44	32	33	46	48
NNW	13	19	24	56	55	53	47	27	40	20	29	13	33		
N	27	30	27	53	30	58	48	36	63	30	56	8	39		
Number of Days With Classified	Daily Max. Temp.	< 0.0	4	1											5
		10.0	2		14	30	31	30	31	31	30	31	20	11	261
	20.0			2	11	22	26	30	31	29	15	1		167	
	30.0						3	4	8	1				16	
	35.0								1					1	
	Daily Mean Temp.	< -5.0	4												4
		< 0.0	13	8	3									4	28
		10.0			9	22	31	30	31	31	30	29	12	1	226
		20.0				1	10	14	25	27	17				94
	Daily Min. Temp.	25.0						1	7	22					30
		-20.0													
		-15.0													
		-5.0	8	2										2	12
		< 0.0	27	24	7								2	10	70
	Daily Min. Vis.	10.0			4	12	27	30	31	31	30	25	1		191
		20.1						2	16	25	5				48
		25.1							3	5					8
		< 0.1km													
		0.1 - 0.2km													
	Daily Precip.	0.2 - 0.4km													
		0.4 - 0.6km													
		0.6 - 0.8km													
		0.8 - 1.0km													
		0.1mm	2	7	3	8	7	7	13	10	13	12	5	7	94
60 - Minute Max. Precip.	10.0mm		2	1	3	1	2	6	6	3	2	2	5	33	
	30.0mm							4	2	1			1	8	
	80.0mm							2						2	
	100.0mm							2						2	
	1.0mm				5	7	5	10	10	10	11			58	
10 - Minute Max. Precip.	6.0mm				1		1	6	5	2	2			17	
	10.0mm							5	5	2	1			13	
	20.0mm							1		1				2	
10 - Minute Max. Precip.	30.0mm													2	
	0.1mm				8	7	7	13	10	13	12			70	
	1.0mm				3	1	4	9	9	5	6			37	
Daily Max. New Snowfall	6.0mm							2	2	1				5	
	10.0mm								2	2				2	
	15.0mm														
	30.0mm														
Daily Max. Snow Depth	0.1cm														
	5.0cm														
	10.0cm														
	20.0cm														
Daily Min. Rel. Humid.	30.0cm														
	0.1cm														
	5.0cm														
	10.0cm														
	20.0cm														
Daily Min. Rel. Humid.	30.0cm														
	5.0cm														
	10.0cm														
	20.0cm														
	30.0cm														
Daily Max. Wind speed	< 20%	9	3	5	4	1							4	26	
	< 30%	23	14	11	11	8	2				2	6	11	88	
	< 40%	26	21	15	18	14	3				3	15	15	130	
	< 50%	29	24	22	22	21	7			1	1	10	22	181	
	< 70%	30	27	28	25	27	14	12	16	13	26	28	28	274	
Daily Max. Wind speed	70%	1	2	3	5	4	16	19	15	17	5	2	3	92	
	10knot	28	27	27	27	24	20	13	15	11	26	27	28	273	
	15knot	22	18	17	13	16	8	8	4	2	10	17	20	155	
	20knot	10	11	7	8	9	2		3	1	2	4	14	71	
	25knot	6	2	2	2	2			2				7	23	
Daily Max. Wind speed	30knot	3			1	2								6	
	35knot	1			1	1								3	

Element		1	2	3	4	5	6	7	8	9	10	11	12	
Number of Days With Phenomena	Snow													
	Sleet													
	Rain													
	Hail													
	Fog													
	Yellow Sand													
	Thunder Storm													
	Clear													
	Partly Cloudy													
	Mostly Cloudy													
	Cloudy													
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10214	10220	10223	10144	10075	10111	10097	10096	10091	10167	10223	10201
		2nd	10190	10183	10197	10127	10146	10054	10068	10057	10167	10206	10189	10236
		3rd	10255	10265	10193	10121	10095	10074	10093	10042	10177	10207	10242	10233
	Mean Temp. (0.1)	1st	36	6	40	124	153	191	215	256	214	168	92	64
		2nd	- 15	26	79	126	173	210	216	274	200	173	119	44
		3rd	- 19	14	99	140	197	209	248	220	188	124	52	32
	Mean Max.Temp. (0.1)	1st	69	43	73	170	210	227	249	289	246	205	126	99
		2nd	24	52	117	181	223	250	240	310	228	212	162	76
		3rd	14	50	140	190	240	237	275	255	221	155	87	66
	Mean Min.Temp. (0.1)	1st	7	- 24	11	90	116	156	186	223	192	143	54	28
		2nd	- 53	- 3	37	81	128	178	201	244	175	137	72	9
		3rd	- 50	- 17	61	95	157	182	224	191	158	93	19	1
	Mean D.P.Temp. (0.1)	1st	- 101	- 114	- 21	41	79	139	190	224	193	128	17	- 72
		2nd	- 135	- 51	- 36	46	76	170	201	234	174	102	32	- 36
		3rd	- 137	- 82	- 10	52	117	176	216	180	155	75	- 40	- 32
	Mean Rel. Humid. (%)	1st	39	43	68	65	67	76	87	84	89	79	63	40
		2nd	42	61	48	62	58	81	92	80	86	65	58	59
		3rd	45	52	52	60	63	84	84	80	82	74	54	65
	Mean Wind Speed (0.1knot)	1st	116	92	72	65	76	49	47	42	42	54	77	107
		2nd	99	90	75	73	71	59	37	45	46	63	62	90
		3rd	101	80	83	66	64	44	44	74	46	60	73	96
Total Precip. (0.1mm)	1st		118	210	150	280	5	3230	215	145	505	255	5	
	2nd	0	285	0	410	45	365	1290	20	630	20	720		
	3rd	125	189	55	130	20	155	165	1585	205	295	145	735	
Mean Cloud Amount (oktas)	1st													
	2nd													
	3rd													

Element		1	2	3	4	5	6	7	8	9	10	11	12			
(0.1hPa)	Air Press.	Mean Station	10243	10230	10204	10123	10103	10065	10065	10047	10121	10181	10220	10237	10153	
		Mean Sea Level	10259	10246	10219	10138	10118	10080	10079	10061	10136	10197	10236	10253	10169	
		Highest	10347	10354	10306	10251	10245	10142	10162	10130	10235	10325	10352	10353	10354	
		Date	23	25	01	19	14	06	07	27	21	30	29	30	02/25	
		Lowest	10117	9991	10100	9867	9893	9971	9983	9876	9969	10065	10118	10042	9867	
		Date	18	13	18	17	03	24	01	31	01	03	05	22	04/17	
(0.1)	Air Temp.	Mean	-35	-3	61	130	186	228	258	275	223	153	65	10	129	
		Mean Max.	14	54	123	201	250	285	300	325	278	209	116	60	185	
		Mean Min.	-90	-67	-1	68	125	179	224	233	177	98	10	-44	76	
		Highest	113	156	210	290	317	310	341	355	307	288	188	134	355	
		Date	02	13	31	26	22	26	22	21	05	04	05	21	08/21	
		Lowest	-186	-136	-85	11	70	147	191	144	115	-21	-78	-108	-186	
		Date	24	02	01	05	05	03	04	27	21	30	24	16	01/24	
(0.1) Mean D.P.Temp.		-130	-102	-43	28	87	149	201	198	151	73	-22	-70	43		
Rel. Humid.	(%)	Mean	52	52	52	56	58	64	73	65	67	62	57	58	60	
		Lowest	17	13	10	8	10	19	37	24	21	6	16	17	6	
		Date	10	05	31	25	22	05	19	27	20	14	20	06	10/14	
(0.1mm)	Precip.	00-24h Total	1	355	365	750	1510	165	3535	360	525	795	125	615	9101	
		Highest	1 Daily	1	195	360	290	435	95	1165	140	250	305	50	325	1165
			Date	26	13	05	16	15	15	01	26	08	25	11	21	07/01
		1	60 - Minute				95	120	60	445	65	245	80			445
			Date				16	15	15	29	25	08	03			07/29
		10	10 - Minute				30	40	20	170	30	180	40			180
			Date				16	15	15	29	25	08	03			09/08
2	2 - Day		325	365	435	490		1250	215	135	365	35	530	1250		
	Date		12 - 13	04 - 05	16 - 17	02 - 03		04 - 05	25 - 26	27 - 28	02 - 03	07 - 08	21 - 22	07/04 - 07/05		
3	3 - Day		330		455			615						615		
	Date		11 - 13		16 - 18			27 - 30						07/27 - 07/30		
(knot)	Wind	Mean Speed	5.2	6.0	5.7	5.5	5.9	5.1	5.2	5.0	4.5	5.0	5.5	5.1	5.2	
		Highest Speed	22	20	19	24	26	16	18	19	23	20	17	21	26	
		Highest Dir.	WNW	SW	SW	NW	W	SSW	ESE	W	SSW	NNW	NNW	NNW	W	
		Date	18	13	29	17	04	15	05	31	01	09	22	01	05/04	
		Highest Gust Speed	31	33	31	34	42	27	27	35	34	30	25	30	42	
		Highest Gust Dir.	WNW	SSW	SSW	WNW	SW	WSW	SSW	W	SSW	NNW	WNW	NNW	SW	
		Date	19	18	29	17	03	17	27	31	01	09	11	01	05/03	
		Resultant Speed	4	3	3	2	3	3	2	3	1	2	2	3	2	
		Resultant Dir.	NW	WNW	W	WSW	WSW	W	SW	NW	NNE	NNW	NW	NW	WNW	
		(oktas)	Cloud	Amount	3.3	2.9	2.9	4	3.8	4	5.5	3.6	4.6	4.4	3.6	3.9
Ceiling (100ft)Height	9			5	5	9	5	5	7	6	3	9	5	7	9	
	FG			ST	ST	FG	ST	ST	SC	CU	CB	FG	SC	SC	FG	
(0.1cm)	Snow	Highest	Snow Depth	7	20									8	20	
			Date	13	28										29	02/28
		Total	Snowfall	7	20										8	20
			Date	13	28										29	02/28
(0.01hr) Dur. of Precip.		2240	5100	1148	5138	7955	3348	9930	2857	3062	6345	4160	5013	56296		
(0.01hr) Dur. of Fog		1367	1235	1355	862	400	300	45		117	1708	685	528	8602		
(0.01 hr)	For Visibility Dur. of Fog	< 0.1km	48												48	
		0.1 ~ 0.2km	100								325				425	
		0.2 ~ 0.4km	100			62									162	
		0.4 ~ 0.6km	400			200						15	155		770	
		0.6 ~ 0.8km	183			353	238				17	555	20		1366	
		0.8 ~ 1.0km	35			90	100					78	175		478	
(knot)	Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	4	4	3	9	8	12	5	12	8	6	5	6	12
			NE	4	2	3	6	7	4	7	13	9	5	4	5	13
			ENE	2	4	2	6	7	7	7	14	11	11	7	7	14
			E	7	4	7	12	7	9	14	14	12	12	11	7	14
			ESE	7	14	8	11	8	13	18	14	14	12	12	14	18
			SE	6	13	11	11	9	10	9	7	15	9	11	9	15
			SSE	6	9	12	14	18	11	10	8	13	11	10	8	18
			S	9	10	10	13	18	10	12	8	9	15	10	10	18
			SSW	7	14	14	17	17	14	14	5	20	8	14	8	20
			SW	9	17	18	16	21	14	14	4	7	13	12	10	21
			WSW	9	15	12	17	21	11	10	4	7	11	10	6	21
			W	14	15	12	16	22	14	9	17	9	13	10	14	22
			WNW	19	17	14	22	15	14	13	16	12	13	12	18	22
			NW	19	16	17	15	12	10	9	14	8	17	14	18	19
NNW	14	18	15	11	11	12	10	13	11	19	14	17	19			
N	12	14	10	15	11	9	7	8	8	10	13	12	15			

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Percentage (0.1%)	CALM	13	9	7	10	8	6	5	4	10	7	8	11	8
		NNE	23	23	23	32	31	35	23	51	47	38	21	26	31
		NE	13	11	16	24	15	18	19	28	49	20	17	27	21
		ENE	12	10	4	17	9	13	17	28	47	30	8	12	17
		E	24	17	12	36	22	18	47	35	75	60	32	17	33
		ESE	11	47	15	25	15	8	38	17	60	44	42	30	29
		SE	16	32	44	25	27	19	26	7	29	19	42	36	27
		SSE	19	45	71	63	59	43	30	15	36	28	60	48	43
		S	42	40	87	89	90	78	130	34	46	74	94	74	73
		SSW	16	30	56	57	67	64	114	22	46	12	46	32	47
		SW	27	39	50	81	83	85	89	16	15	9	34	19	45
		WSW	26	27	47	85	55	68	54	17	17	15	29	4	37
		W	70	164	90	93	121	157	82	108	56	42	52	62	91
		WNW	130	125	103	86	108	136	99	172	90	71	62	89	106
NW	185	154	129	92	105	110	95	195	144	164	138	194	142		
NNW	269	155	173	108	120	100	91	167	147	241	227	235	170		
N	103	72	71	79	66	43	40	85	86	126	88	85	79		
Number of Days With Classified	Daily Max. Temp.	< 0.0	7	3										2	12
		10.0	1	4	22	30	31	30	31	31	30	30	17	8	265
	Daily Mean Temp.	20.0			1	15	28	30	31	31	30	20			186
		30.0					4	6	15	25	2				52
	Daily Min. Temp.	35.0								4					4
		< -5.0	9	3											12
	Daily Min. Temp.	< 0.0	24	16	3								2	13	58
		10.0		1	6	28	31	30	31	31	30	28	8		224
	Daily Min. Temp.	20.0					11	30	31	30	27	4			133
		25.0							21	25	1				47
	Daily Min. Temp.	-20.0													
		-15.0	4												4
		-5.0	26	21	3								4	14	68
		< 0.0	30	27	17							1	13	27	115
		10.0				4	24	30	31	31	30	15	2		167
	Daily Min. Vis.	20.1						3	24	25	5				57
		25.1							8	9					17
		< 0.1km	1									1			2
		0.1 - 0.2km										1		1	2
		0.2 - 0.4km		1		1									3
		0.4 - 0.6km	1	3	1	1						1			9
	Daily Precip.	0.6 - 0.8km	1		1		1	1	3		1		1		9
		0.8 - 1.0km			3	1					1		2		7
		0.1mm	1	5	2	8	8	4	14	4	5	9	7	5	72
		10.0mm		2	1	3	5		5	2	2	3		2	25
		30.0mm			1		3		4			1		1	10
	60 - Minute Max. Precip.	80.0mm							2						2
		100.0mm							2						2
1.0mm					6	7	4	11	4	4	6			42	
6.0mm					2	3	1	5	1	1	2			15	
10 - Minute Max. Precip.	10.0mm					1		3		1				5	
	20.0mm							3		1				4	
	30.0mm							3		1				3	
Daily Max. New Snowfall	0.1mm				8	8	4	14	4	5	9			52	
	1.0mm				5	6	3	11	3	4	4			36	
	6.0mm							3		1				4	
	10.0mm							2		1				3	
Daily Max. Snow Depth	15.0mm							1		1				2	
	30.0mm													6	
Daily Min. Rel. Humid.	0.1cm	3	2										1	6	
	5.0cm														
	10.0cm														
	15.0cm														
	20.0cm														
Daily Max. Wind speed	0.1cm	4	3										1	8	
	5.0cm														
	10.0cm														
	20.0cm														
	30.0cm														
Daily Min. Rel. Humid.	< 20%	3	9	9	13	9	1				3	1	1	49	
	< 30%	20	19	20	19	15	7		3	3	7	10	8	131	
	< 40%	25	23	26	23	23	16	1	9	10	15	19	14	204	
	< 50%	28	26	30	26	25	19	15	24	25	26	24	25	293	
	< 70%	31	28	31	28	30	30	27	31	28	30	30	31	355	
Daily Max. Wind speed	70%		1		2	1		4		2	1			11	
	10knot	19	25	26	29	27	27	22	25	20	15	21	18	274	
	15knot	3	12	7	8	6	3	5	6	4	5	6	4	69	
	20knot	2	1		2	2				1	1		1	10	
	25knot					2								2	

Element		1	2	3	4	5	6	7	8	9	10	11	12	
Number of Days With Phenomena	Snow	6	5										4	15
	Sleet	1	3									1	2	7
	Rain		4	4	9	8	8	15	8	6	9	15	7	93
	Hail													
	Fog	3	3	5	3	1	1	1		2	3	4	3	29
	Yellow Sand			2	2	1								5
	Thunder Storm		1	1			1	3		2				8
	Clear	10	16	13	10	10	6	2	9	3	6	12	12	109
	Partly Cloudy	12	6	12	6	9	12	6	11	12	9	5	8	108
	Mostly Cloudy	9	5	5	14	10	12	19	11	14	15	13	9	136
	Cloudy		2	1			2		4		1	1	2	13
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10254	10251	10234	10153	10095	10107	10090	10090	10083	10166	10235	10240
		2nd	10229	10202	10215	10142	10155	10059	10054	10056	10154	10215	10207	10259
		3rd	10291	10289	10211	10121	10106	10073	10092	10040	10173	10207	10265	10260
	Mean Temp. (0.1)	1st	0	-27	49	116	168	219	242	288	238	179	82	23
		2nd	-49	22	56	125	185	225	253	292	227	157	95	12
		3rd	-55	-3	77	150	203	240	279	248	205	126	19	-3
	Mean Max.Temp. (0.1)	1st	46	43	97	193	228	281	288	339	291	237	128	74
		2nd	3	72	121	194	259	278	295	342	284	222	150	63
		3rd	-4	47	150	215	263	295	315	297	258	172	70	45
	Mean Min.Temp. (0.1)	1st	-56	-104	-2	49	107	164	203	245	192	126	26	-41
		2nd	-100	-38	-8	65	117	180	215	252	177	99	39	-41
		3rd	-113	-59	6	91	149	194	252	206	161	72	-34	-50
	Mean D.P.Temp. (0.1)	1st	-85	-140	-49	15	75	120	189	221	179	98	-6	-63
		2nd	-141	-59	-42	36	77	161	190	222	145	85	16	-76
		3rd	-162	-108	-38	32	108	166	222	154	130	40	-77	-72
	Mean Rel. Humid. (%)	1st	57	47	53	58	60	58	75	69	71	63	56	57
		2nd	53	60	53	60	55	69	70	68	63	65	61	55
		3rd	47	50	51	52	60	66	73	59	66	58	53	62
	Mean Wind Speed (0.1knot)	1st	47	49	69	51	78	45	49	39	50	58	64	53
		2nd	56	73	48	61	55	55	53	43	47	35	49	49
		3rd	52	57	55	53	47	52	55	66	38	56	52	55
	Total Precip. (0.1mm)	1st	0		365	105	725		2430	25	330	440	35	85
		2nd	0	335	0	470	440	110	460		60	15	70	0
		3rd	1	20	0	175	345	55	645	335	135	340	20	530
	Mean Cloud Amount (oktas)	1st	3.3	1.1	4.2	3.7	5	3.4	5.3	2.8	4.6	4.3	4.1	2.8
		2nd	3.1	4.3	2.6	3.8	2.3	4.2	5.4	3.7	4	3.6	3.3	3.7
		3rd	3.4	3.5	1.9	4.4	4.1	4.4	5.7	4.3	5	5.2	3.5	4.3

Element		1	2	3	4	5	6	7	8	9	10	11	12				
(0.1hPa)	Air Press.	Mean Station	10251	10238	10212	10131	10111	10072	10070	10053	10126	10187	10227	10244	10160		
		Mean Sea Level	10259	10247	10220	10139	10119	10080	10078	10061	10134	10195	10235	10253	10168		
		Highest	10345	10353	10306	10252	10245	10142	10160	10127	10233	10322	10351	10353	10353		
		Date	22	25	01	19	14	06	07	27	21	30	29	30	12/30		
		Lowest	10121	9995	10104	9868	9894	9978	9976	9878	9967	10054	10120	10046	9868		
		18	13	18	17	03	24	16	31	01	03	05	22	04/17			
(0.1)	Air Temp.	Mean	-27	2	55	116	172	210	246	270	228	163	76	23	128		
		Mean Max.	7	42	100	169	225	254	280	309	269	204	116	60	170		
		Mean Min.	-63	-43	12	72	126	177	220	240	193	123	36	-20	89		
		Highest	109	155	185	267	285	283	318	346	298	287	194	133	346		
		Date	02	13	31	26	19	27	20	21	02	04	05	21	08/21		
		Lowest	-159	-97	-69	39	78	147	190	162	142	26	-40	-86	-159		
		24	02	01	15	05	03	06	27	21	31	23	30	01/24			
(0.1) Mean D.P.Temp.		-109	-85	-25	39	93	154	198	197	157	76	2	-41	55			
Rel. Humid.	(%)	Mean	55	55	59	63	64	72	76	66	65	59	61	65	63		
		Lowest	20	18	12	16	12	28	46	21	24	12	14	23	12		
		Date	10	11	31	25	21	01	12	21	20	30	01	06	10/30		
(0.1mm)	Precip.	00-24h Total	9	515	540	855	1505	140	3070	245	465	1380	110	665	9499		
		Highest	1 Daily	5	335	500	380	380	55	930	170	285	505	55	330	930	
			Date	13	13	05	16	15	24	01	31	11	02	11	21	07/01	
		1	60 - Minute				120	100	25	345	55	285	160			345	
			Date				16	03	22	04	31	11	03			07/04	
		10	10 - Minute				35	30	10	170	25	115	75			170	
			Date				16	03	22	05	31	11	03			07/05	
2	2 - Day		490	540	495	565		1370	75		740	10	545	1370			
	Date		12 - 13	04 - 05	16 - 17	02 - 03		04 - 05	25 - 26		02 - 03	13 - 14	21 - 22	07/04 - 07/05			
3	3 - Day		505		500			945			460			945			
	Date		11 - 13		16 - 18			30 - 02			23 - 25			06/30 - 07/02			
(knot)	Wind	Mean Speed	7.6	8.4	7.5	7.3	8.1	7.0	6.8	7.6	6.8	7.4	7.8	7.6	7.5		
		Highest Speed	26	24	22	34	31	20	19	34	21	26	20	25	34		
		Highest Dir.	NW	NW	S	NW	W	WNW	SSE	WNW	SSW	NNW	NW	WNW	WNW		
		Date	23	14	29	17	04	24	16	31	01	08	22	22	08/31		
		Highest Gust Speed	35	31	33	47	45	31	28	50	33	37	28	33	50		
		Highest Gust Dir.	NW	SW	SW	NW	W	WNW	SW	WNW	SSW	S	SW	WNW	WNW		
		Date	23	18	29	17	03	24	02	31	01	03	04	22	08/31		
		Resultant Speed	5	4	3	2	4	3	3	4	1	3	2	3	2		
		Resultant Dir.	NNW	NW	WNW	W	WSW	W	SW	NW	NE	NNE	NNW	N	NW		
		(oktas)	Cloud	Amount	3.5	2.8	3.1	4.5	3.8	4.3	5.4	3.5	4.5	4.4	3.9	3.8	4
Ceiling	9			9	7	5	9	6	9	7	5	7	3	7	9		
(100ft)Height	FG			FG	ST	ST	FG	ST	FG	ST	ST	SC	CB	SC	FG		
(0.1cm)	Snow	Highest	Snow Depth	22	52									10	52		
			Date	13	28										29	02/28	
			Snowfall	22	52										10	52	
			Date	13	28										29	02/28	
		37	52										10	99			
(0.01hr) Dur. of Precip.		4078	5572	1810	5305	7175	3430	9665	3070	2857	7155	5060	4940	60117			
(0.01hr) Dur. of Fog		1450	2183	1502	5255	1172	4382	1912	1457	150		873	620	20956			
(0.01 hr)	For Visibility	Dur. of Fog	< 0.1km	350											350		
			0.1 ~ 0.2km	400	1150	200	800				200					2750	
			0.2 ~ 0.4km	85	400	258	900	82	550	205	252						2732
			0.4 ~ 0.6km	28	250	203	968	150	743	282	198			137	50		3009
			0.6 ~ 0.8km	27	100	93	530	235	783	120	120			273	22		2303
		50		117	857	310	358	283	100			218	28		2321		
(knot)	Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	9	9	8	10	10	10	6	15	11	11	8	9	15	
			NE	11	8	11	15	11	13	10	17	13	15	13	15	17	
			ENE	9	7	10	15	9	10	11	18	13	16	11	14	18	
			E	5	7	6	14	8	8	12	13	16	11	9	12	16	
			ESE	7	12	6	13	10	14	13	10	10	10	8	7	14	
			SE	11	14	10	19	21	13	12	10	16	11	14	12	21	
			SSE	11	14	18	15	24	13	19	13	17	19	15	16	24	
			S	9	13	17	15	16	15	16	8	13	16	17	12	17	
			SSW	7	16	17	17	16	19	16	7	19	20	14	11	20	
			SW	9	17	19	20	23	14	15	10	9	20	17	13	23	
			WSW	11	17	10	20	26	12	16	13	9	19	14	6	26	
			W	12	18	15	22	30	18	16	18	19	13	17	17	30	
			WNW	13	20	16	21	15	17	16	30	17	17	15	22	30	
			NW	24	23	17	33	17	11	10	23	11	19	17	20	33	
NNW	24	19	20	13	13	12	9	20	8	25	18	20	25				
N	15	17	19	15	10	10	9	20	8	22	18	17	22				

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Wind Directions Only	Hourly Occurrence Percentage (0.1%)	CALM	1	3	1	3		3		3	7	3	3	1	2	
		NNE	51	17	12	28	22	31	9	54	54	62	47	51	37	
		NE	83	34	26	82	39	39	39	86	139	124	64	122	73	
		ENE	86	70	47	65	20	25	44	81	168	151	69	81	76	
		E	46	23	23	29	11	21	34	28	42	65	44	46	34	
		ESE	16	13	9	29	28	10	19	13	31	39	51	36	25	
		SE	28	66	42	51	67	29	35	12	60	40	85	82	50	
		SSE	36	57	105	88	91	51	93	31	78	66	90	71	71	
		S	16	39	65	63	69	81	103	27	29	15	35	20	47	
		SSW	8	29	55	40	62	68	90	19	33	9	38	9	38	
		SW	38	39	55	71	67	78	103	28	15	5	28	19	46	
		WSW	13	27	36	50	63	79	81	31	15	7	22	7	36	
		W	32	88	99	100	126	133	83	87	43	40	28	26	74	
		WNW	42	76	106	131	142	182	105	250	104	54	24	60	106	
NW	134	175	128	88	93	96	77	124	89	71	81	125	106			
NNW	175	171	112	46	63	38	48	66	44	101	142	126	94			
N	194	72	79	38	36	38	36	60	49	149	150	117	85			
Number of Days With Classified	Daily Max. Temp.	< 0.0	12	5										1	18	
		10.0	1	2	16	30	31	30	31	31	30	31	18	6	257	
	20.0				3	22	30	31	31	30	30	17			164	
	30.0							8	24						32	
	35.0															
	Daily Mean Temp.	< -5.0	8	2												10
		< 0.0	23	13	4								2	11	53	
		10.0			3	25	31	30	31	31	30	28	11		220	
		20.0					3	22	31	30	29	4			119	
	25.0							17	25	2				44		
	Daily Min. Temp.	-20.0														1
		-15.0	1													37
		-5.0	17	13	1									6	93	
		< 0.0	29	27	8								8	21	181	
		10.0				3	28	30	31	31	30	24	4		68	
	20.1						3	26	26	11				17		
	25.1							2	15					3		
	Daily Min. Vis.	< 0.1km	1			1					1				12	
		0.1 - 0.2km		2	2	2	2	2	2						23	
		0.2 - 0.4km	1		1	2	3	7	4	1	1		2	1	11	
		0.4 - 0.6km		1			2	5	1				1	1	6	
		0.6 - 0.8km				1		2	1	1				1	8	
		0.8 - 1.0km	2	1	2	1			1					1	67	
	Daily Precip.	0.1mm	2	4	2	7	7	4	13	3	4	10	7	4	26	
		10.0mm		2	1	3	5	5	1	2	4		3		13	
		30.0mm		1	1	1	3		4		2		1		1	
		80.0mm							1							
	100.0mm															
60 - Minute Max. Precip.	1.0mm				6	6	3	9	3	3	7			37		
	6.0mm				2	4		5		1	4			16		
	10.0mm				1	1		4		1	2			9		
	20.0mm							3		1				4		
30.0mm							2						2			
10 - Minute Max. Precip.	0.1mm				7	7	4	13	3	4	10			48		
	1.0mm				4	5	1	7	3	3	5			28		
	6.0mm							4		1	2			7		
	10.0mm							2		1				3		
15.0mm							1						1			
Daily Max. New Snowfall	0.1cm	3	1										1	5		
	5.0cm		1											1		
	10.0cm															
	15.0cm															
20.0cm																
Daily Max. Snow Depth	0.1cm	4	2										1	7		
	5.0cm		1											1		
	10.0cm															
	20.0cm															
	30.0cm															
Daily Min. Rel. Humid.	< 20%		3	1	4	3					3	2		16		
	< 30%	7	14	12	9	9	1		3	2	8	5	4	74		
	< 40%	21	21	21	19	15	4		6	6	12	16	11	152		
	< 50%	25	24	26	24	23	13	5	15	13	24	20	13	225		
	< 70%	30	27	30	25	31	28	23	29	29	30	29	30	341		
70%	1	2	1	5		2	8	2	1	1	1	1	25			
Daily Max. Wind speed	10knot	27	26	28	30	31	30	29	31	24	25	25	26	332		
	15knot	10	14	11	13	15	11	9	7	9	12	17	13	141		
	20knot	3	7	3	4	2	2		2	1	7	1	4	36		
	25knot				1	2								9		
	30knot	2			1	2			1		2		1	4		
	35knot					2			1							

Element		1	2	3	4	5	6	7	8	9	10	11	12	
Number of Days With Phenomena	Snow	11	4	1								1	7	24
	Sleet	1	4									1	1	7
	Rain		6	5	9	10	7	15	9	6	10	14	6	97
	Hail													
	Fog	2	3	5	7	7	16	8	2	1		3	3	57
	Yellow Sand			2	2	2								6
	Thunder Storm		1	1	1		1	2		3		1		10
	Clear	7	14	12	6	8	7	2	10	2	7	11	10	96
	Partly Cloudy	14	8	12	11	12	8	5	11	14	7	4	9	115
	Mostly Cloudy	10	4	6	12	10	14	19	10	13	16	15	11	140
	Cloudy		3	1	1	1	1	5		1	1		1	15
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10254	10252	10234	10154	10095	10108	10088	10091	10081	10164	10235	10240
		2nd	10229	10202	10216	10142	10155	10059	10053	10056	10152	10214	10205	10258
		3rd	10292	10291	10212	10121	10107	10074	10090	10039	10170	10206	10265	10260
	Mean Temp. (0.1)	1st	9	-18	43	102	156	201	229	275	242	185	91	36
		2nd	-41	24	51	109	171	207	242	284	232	168	105	26
		3rd	-47	1	68	136	187	224	266	252	211	136	33	8
	Mean Max.Temp. (0.1)	1st	39	25	84	158	206	248	264	315	282	231	134	76
		2nd	-2	64	98	163	231	248	277	320	275	212	143	60
		3rd	-13	38	118	188	236	266	296	293	251	172	71	46
	Mean Min.Temp. (0.1)	1st	-28	-70	4	59	110	161	203	245	208	148	49	-12
		2nd	-76	-22	7	66	118	174	214	259	195	124	65	-16
		3rd	-84	-37	24	92	148	195	241	219	176	98	-4	-32
	Mean D.P.Temp. (0.1)	1st	-71	-114	-41	24	81	130	186	218	181	102	17	-33
		2nd	-116	-49	-25	47	86	161	188	223	152	88	39	-44
		3rd	-136	-92	-11	45	111	172	219	155	137	42	-50	-45
	Mean Rel. Humid. (%)	1st	58	50	57	63	65	66	78	72	70	61	62	62
		2nd	57	62	60	68	61	76	73	71	62	61	66	62
		3rd	51	52	61	59	66	74	77	57	65	56	56	69
	Mean Wind Speed (0.1knot)	1st	62	73	93	62	103	67	63	59	78	88	86	77
		2nd	84	98	66	83	73	74	66	62	71	51	70	69
		3rd	80	82	68	75	69	71	74	103	53	81	77	83
	Total Precip. (0.1mm)	1st	0		540	110	750		2310	0	10	895	20	115
		2nd	5	505	0	520	385	55	445		350	15	65	5
		3rd	4	10	0	225	370	85	315	245	105	470	25	545
Mean Cloud Amount (oktas)	1st	3.6	1.2	4.3	4.4	4.6	3.5	5.1	2.6	4.5	4.2	4.1	3	
	2nd	3.2	4.1	2.8	4.4	2.6	4.7	5.2	4	4	3.4	3.7	3.5	
	3rd	3.6	3.3	2.1	4.5	4.3	4.6	5.7	3.9	5.2	5.5	4	4.7	

Element		1	2	3	4	5	6	7	8	9	10	11	12			
(0.1hPa)	Air Press.	Mean Station	10183	10173	10145	10064	10045	10005	10008	9987	10062	10121	10162	10179	10095	
		Mean Sea Level	10258	10248	10219	10137	10118	10077	10080	10060	10135	10196	10237	10254	10168	
		Highest	10347	10366	10312	10254	10254	10146	10222	10122	10234	10329	10352	10360	10366	
		Date	01	25	01	19	14	06	05	27	21	30	29	30	02/25	
		Lowest	10108	9997	10092	9882	9906	9962	9987	9890	9967	10052	10117	10058	9882	
(0.1)	Air Temp.	Mean	-28	-2	60	139	188	232	259	268	215	149	58	10	129	
		Mean Max.	26	61	134	212	259	289	305	324	268	206	123	68	190	
		Mean Min.	-84	-66	-15	66	112	173	219	217	169	100	-4	-49	70	
		Highest	118	186	213	290	313	320	340	365	311	303	215	143	365	
		Date	02	13	31	26	19	10	31	20	01	06	14	21	08/20	
		Lowest	-173	-148	-110	-2	57	119	186	138	95	-18	-80	-123	-173	
(0.1)	Mean D.P.Temp.	Mean	-82	-67	-20	62	108	169	220	215	177	108	7	-36	72	
		Date	24	02	01	01	05	02	19	27	21	30	24	16	01/24	
Rel. Humid.	(%)	Mean	69	65	61	65	65	71	81	75	81	79	73	74	72	
		Lowest	24	21	17	12	16	26	47	4	43	22	8	24	4	
		Date	12	22	28	01	22	02	09	21	23	30	07	16	08/21	
(0.1mm)	Precip.	00-24h Total	58	506	130	1254	896	500	3189	768	868	939	256	406	9770	
		Highest	1 Daily	23	180	62	261	213	371	1367	220	453	200	78	160	1367
			Date	13	12	05	13	10	24	04	02	17	07	10	21	07/04
		1	60 - Minute				70	57	95	203	155	138	75			203
			Date				17	15	24	05	02	01	03			07/05
		2	10 - Minute													
			Date													
2 - Day	20		309	97	355	246		1887	153	488	365	91		1887		
3	Date	17 - 18	12 - 13	04 - 05	16 - 17	10 - 11		04 - 05	26 - 27	17 - 18	07 - 08	10 - 11		07/04 - 07/05		
	3 - Day	24	184	100	370			2498	413	551				2498		
Date	17 - 19	26 - 29	04 - 06	16 - 18			01 - 06	26 - 31	26 - 01					07/01 - 07/06		
(knot)	Wind	Mean Speed	4.0	4.8	3.8	5.1	4.7	3.9	3.7	3.5	3.0	3.3	3.2	4.0	3.9	
		Highest Speed	20	20	19	27	28	15	14	23	17	15	13	18	28	
		Highest Dir.	W	WSW	WSW	W	W	W	WSW	WSW	SW	W	W	SW	W	
		Date	19	08	29	17	04	25	28	31	01	25	11	22	05/04	
		Highest Gust Speed	28	25	25	35	35	21	26	26	20	18	17	22	35	
		Highest Gust Dir.	WSW	W	SW	W	W	W	ENE	SW	SW	W	W	SW	W	
		Date	19	14	29	17	04	25	04	31	01	25	11	22	05/04	
		Resultant Speed	2	3	2	2	2	2	1	1	1	1	1	2	1	
		Resultant Dir.	W	W	W	WSW	WSW	W	SW	NW	NE	NNE	W	W	W	
(oktas)	Cloud	Amount	4.4	3.7	3.4	4.5	4	4.8	5.9	4	5.5	5.4	3.8	4.3	4.5	
		Ceiling (Min.) (100ft)Height	9	6	5	7	8	4	4	6	4	9	8	7	9	
			FG	ST	ST	ST	ST	ST	ST	ST	ST	FG	ST	ST	FG	
(0.1cm)	Snow	Snow Depth	14	60	40								0	3	60	
		Date	13	28	01									26	29	02/28
		Snowfall Date Total														
(0.01hr) Dur. of Precip.		8833	11815	3492	8180	7362	3548	12578	4690	6188	9283	4840	9630	90439		
(0.01hr) Dur. of Fog		482	2620	828		572		678	145	833	3363	1150	910	11581		
(0.01 hr)	For Visibility Dur. of Fog	< 0.1km	83	1267			37				123	1910	700	600	4720	
		0.1 ~ 0.2km	227	225			47		25	25		628	167	80	1424	
		0.2 ~ 0.4km	35	563	698		67		322	30	203	445	123	75	2561	
		0.4 ~ 0.6km										25	57		82	
		0.6 ~ 0.8km	137	565	130		422		332	90	482	323	160	155	2796	
(knot)	Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	7	8	7	8	8	6	5	14	7	10	4	5	14
		NE	10	4	5	9	10	6	7	12	11	11	3	5	12	
		ENE	6	5	5	7	11	9	8	10	8	9	5	9	11	
		E	6	6	4	11	7	7	10	12	8	9	10	4	12	
		ESE	3	6	3	11	7	8	7	3	9	7	9	10	11	
		SE	5	5	8	11	7	7	8	7	7	9	3	4	11	
		SSE	3	3	4	9	12	8	6	4	3	4	5	4	12	
		S	6	5	14	8	6	5	10	8	5	6	4	4	14	
		SSW	7	9	11	16	11	7	12	10	13	6	10	6	16	
		SW	13	16	14	21	23	11	13	15	15	9	12	18	23	
		WSW	11	18	12	17	25	13	13	23	13	10	8	15	25	
		W	13	16	11	22	27	13	10	12	5	11	11	15	27	
		WNW	17	15	14	12	15	12	8	8	8	9	11	15	17	
		NW	14	14	10	5	12	9	7	6	5	5	9	15	15	
NNW	14	14	7	4	6	6	9	8	6	5	6	8	14			
N	5	10	6	10	8	5	5	11	10	8	5	8	11			

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Wind Directions Only	Hourly Occurrence Percentage (0.1%)	CALM						1							0	
		NNE	51	36	16	64	52	39	44	71	85	82	47	56	54	
		NE	51	43	47	67	46	40	51	78	118	106	46	69	64	
		ENE	59	59	63	61	62	65	94	89	128	106	92	83	80	
		E	75	73	87	81	69	54	82	94	132	121	138	106	93	
		ESE	24	20	27	26	36	26	50	36	49	42	50	39	36	
		SE	16	14	19	31	15	33	36	19	17	39	19	16	23	
		SSE	16	11	20	35	22	18	23	20	22	35	19	23	22	
		S	20	11	42	14	28	22	34	20	15	20	25	8	22	
		SSW	50	46	34	49	51	38	55	22	42	40	50	28	42	
		SW	113	126	98	156	125	86	91	78	36	40	76	108	94	
		WSW	124	161	121	135	148	157	138	67	56	60	76	75	110	
		W	147	190	147	100	118	132	67	48	63	89	143	148	116	
		WNW	117	92	147	79	89	86	50	99	44	48	86	99	87	
NW	42	43	47	26	35	50	36	73	36	39	35	43	42			
NNW	27	26	36	15	30	65	54	94	56	42	39	31	43			
N	69	47	50	63	75	86	94	91	103	90	58	67	75			
Number of Days With Classified		< 0.0	7	2										9		
		10.0	2	5	22	30	31	30	31	31	30	31	20	9	272	
		Daily Max. Temp.			3	19	30	30	31	31	30	20	1		195	
		30.0					2	13	19	25	4	1			64	
		35.0								9					9	
		< -5.0	8	4											12	
		< 0.0	24	15	2								4	14	59	
		Daily Mean Temp.		1	4	30	31	30	31	31	30	28	7		223	
		10.0					11	29	31	27	22	3			123	
		20.0						5	22	25	1				53	
		25.0														
		-20.0	2												2	
		-15.0														
		-5.0	24	19	5								5	15	68	
		Daily Min. Temp.	30	27	19	1						1	17	26	121	
		< 0.0				4	23	30	31	31	29	17			165	
		10.0						3	28	25	4				60	
		20.1							2						2	
		25.1														
		< 0.1km	1	2			1					1	6	2	1	14
		Daily Min. Vis.	1							1	1					3
		0.1 ~ 0.2km		2												
		0.2 ~ 0.4km														
		0.4 ~ 0.6km		2	1			1		1					1	6
		0.6 ~ 0.8km														
		0.8 ~ 1.0km			1			2					2			7
		0.1mm	6	7	4	9	7	4	12	9	9	9	9	9	9	94
		Daily Precip.		3		6	4	1	6	3	3	5		2		33
10.0mm																
30.0mm							1	4		1				6		
80.0mm								1						1		
100.0mm														1		
1				9	7	3	11	7	6	6				49		
60 - Minute Max. Precip.				3		1	5	3	2	1				15		
10.0mm							3	1	1					5		
20.0mm								2						2		
30.0mm																
10																
10 - Minute Max. Precip.																
0.1mm																
1.0mm																
6.0mm																
10.0mm																
15.0mm																
Daily Max. New Snowfall																
0.1cm	8	4	1										3	16		
5.0cm		2												2		
10.0cm																
20.0cm																
30.0cm																
< 20%			4	3	3				1			1		12		
< 30%	5	11	15	9	11	1			1		2	5	4	64		
< 40%	11	19	21	17	21	7			2		4	14	10	126		
Daily Min. Rel. Humid.	21	21	27	27	25	17	1	12	8	11	18	14	20	202		
< 50%	31	29	31	29	30	29	24	30	26	29	28	27	34	343		
< 70%				1	1	1	7	1	4	2	2	4	23			
70%																
Daily Max. Wind speed	19	23	19	22	15	16	16	10	5	10	13	13	18	181		
10knot	3	10	4	4	4	1		1	1	1		8	37			
15knot		1		1	2				1				6			
20knot				1												
25knot				1	2											
30knot																
35knot																

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow	11	11										1	5	28
	Sleet		2										1	1	4
	Rain	3	6	4	10	8	10	17	12	15	14	13	11		123
	Hail														
	Fog	2	4	2		4			2	1	3	6	4	2	30
	Yellow Sand														
	Thunder Storm				1		1	5	2	3					12
	Clear	4	10	10	6	7	4		8	2	4	10	9		74
	Partly Cloudy	13	8	10	9	12	9	8	11	4	3	7	7		101
	Mostly Cloudy	13	9	11	13	10	17	18	11	22	22	12	12		170
	Cloudy	1	2		2	2		5	1	2	2	1	3		21
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10255	10252	10234	10149	10097	10104	10089	10089	10081	10164	10240	10241	
		2nd	10227	10207	10214	10144	10154	10056	10055	10054	10152	10216	10208	10259	
		3rd	10288	10289	10211	10118	10105	10072	10094	10038	10172	10206	10264	10260	
	Mean Temp. (0.1)	1st	5	-32	48	132	171	219	249	284	233	177	72	17	
		2nd	-39	25	52	130	186	235	248	288	214	149	86	10	
		3rd	-48	3	78	154	205	241	277	236	198	124	16	4	
	Mean Max.Temp. (0.1)	1st	60	47	109	214	240	279	296	338	288	237	138	82	
		2nd	14	85	126	195	263	292	295	348	264	217	156	72	
		3rd	5	50	163	228	272	296	322	290	251	169	74	50	
	Mean Min.Temp. (0.1)	1st	-53	-113	-13	51	97	152	214	234	189	130	10	-52	
		2nd	-92	-33	-24	68	106	183	207	233	170	91	18	-52	
		3rd	-104	-50	-10	81	132	184	235	187	149	80	-39	-45	
	Mean D.P.Temp. (0.1)	1st	-51	-110	-14	46	93	141	219	238	197	138	18	-36	
		2nd	-87	-27	-25	65	104	182	208	226	173	110	41	-39	
		3rd	-105	-62	-21	74	126	184	234	184	161	79	-37	-33	
	Mean Rel. Humid. (%)	1st	69	59	67	61	65	65	85	78	82	80	71	72	
		2nd	72	72	63	68	64	74	80	71	80	80	77	72	
		3rd	67	66	54	65	66	75	79	75	81	76	71	78	
	Mean Wind Speed (0.1knot)	1st	33	43	44	49	65	31	37	24	32	38	37	38	
		2nd	43	55	29	54	44	42	35	27	31	25	27	34	
		3rd	42	47	42	50	33	45	39	52	26	37	33	46	
	Total Precip. (0.1mm)	1st	0	0	100	249	450	3	2498	306	327	653	138	29	
		2nd	47	322	30	653	248	126	436		511	28	97	3	
		3rd	11	184		352	198	371	255	462	30	258	21	374	
	Mean Cloud Amount (oktas)	1st	4.3	1.4	4.2	4.4	4.8	4.3	6.6	3.4	5.5	5.1	3.7	3.6	
		2nd	4.4	5.2	3.6	4.6	2.9	4.8	5.8	3.5	5.5	4.9	3.5	4.2	
		3rd	4.5	4.6	2.6	4.5	4.3	5.1	5.3	5	5.6	6.1	4.2	5	

Element		1	2	3	4	5	6	7	8	9	10	11	12			
(0.1hPa)	Air Press.	Mean Station	10201	10202	10182	10111	10090	10055	10060	10035	10111	10163	10192	10202	10134	
		Mean Sea Level	10229	10229	10209	10137	10116	10081	10085	10059	10137	10188	10219	10228	10160	
		Highest	10322	10345	10296	10245	10265	10156	10172	10119	10219	10299	10333	10325	10345	
		Date	01	25	04	19	14	05	06	05	21	30	29	30	02/25	
		Lowest	10061	9993	10009	9859	9905	9938	9981	9880	9985	9974	10108	10039	9859	
	Date	18	13	19	17	03	24	13	31	01	05	05	22	04/17		
(0.1)	Air Temp.	Mean	11	38	89	146	196	226	260	276	224	176	102	61	150	
		Mean Max.	50	82	129	189	242	263	300	317	251	210	147	104	190	
		Mean Min.	- 24	- 3	49	102	150	192	227	242	198	142	57	16	112	
		Highest	160	170	220	270	310	330	370	400	324	288	210	193	400	
		Date	03	13	30	22	31	30	29	13	01	03	05	22	08/13	
		Lowest	- 130	- 50	- 50	40	110	140	187	177	160	77	- 13	- 50	- 130	
	Date	24	15	01	12	15	02	06	29	30	31	26	16	01/24		
(0.1) Mean D.P.Temp.		- 108	- 81	- 7	64	107	172	217	220	191	130	29	- 30	75		
Rel. Humid.	(%)	Mean	44	45	56	63	60	74	79	73	82	76	65	56	64	
		Lowest	10	12	12	18	8	27	44	29	0	21	16	17	0	
		Date	05	05	16	25	12	03	27	12	29	03	22	30	09/29	
(0.1mm)	Precip.	00-24h Total	420	180	523	1439	396	163	826	904	4064	2259	204	373	11751	
		Highest	1 Daily	255	55	160	375	215	95	284	435	1149	1525	103	143	1525
			Date	29	28	05	27	10	24	06	28	17	05	18	26	10/05
		1	60 - Minute				63	35	35	85	186	230	460			460
			Date				07	03	24	06	16	10	05			10/05
		10	10 - Minute													
			Date													
2	2 - Day	345	75	280	425	233	20	294	510	1608	322	111		1608		
	Date	28 - 29	12 - 13	05 - 06	06 - 07	10 - 11	19 - 20	06 - 07	28 - 29	02 - 03	07 - 08	18 - 19		09/02 - 09/03		
3	3 - Day	370	80	375				462		1653	273			1653		
	Date	28 - 30	12 - 14	04 - 06				01 - 04		02 - 05	26 - 01			09/02 - 09/05		
(knot)	Wind	Mean Speed	8.3	7.3	6.7	8.3	7.8	6.2	5.8	7.3	6.7	6.7	7.4	9.1	7.3	
		Highest Speed	23	20	18	37	31	19	19	26	23	36	20	25	37	
		Highest Dir.	W	WNW	W	W	W	N	S	N	NNE	NNE	W	N	W	
		Date	19	14	22	17	04	21	05	26	20	05	22	15	04/17	
		Highest Gust Speed	38	28	18	56	43	19	24	37	33	51	26	32	56	
		Highest Gust Dir.	W	WNW	W	WSW	W	E	N	NNE	NE	NNE	W	W	WSW	
		Date	19	28	22	17	04	22	14	26	20	05	24	23	04/17	
		Resultant Speed	7	6	1	1	2	1	1	3	3	1	5	8	2	
		Resultant Dir.	W	W	WSW	WNW	SW	SE	SSE	NE	NE	ENE	WSW	W	W	
		(oktas)	Cloud	Amount	3	3.2	4.2	5	4	5.4	5.9	4	6.5	5.6	3.8	3.3
Ceiling (Min.) (100ft)Height	6			4	8	4	5	5	6	4	4	5	5	4	5	
	ST			ST	ST	ST	ST	FG	ST	ST	ST	FG	ST	ST	FG	
	10	6	2	6	10	0	3	8	3	0	10	5	0			
(0.1cm)	Snow	Snow Depth		30										30		
		Date		24											02/24	
(0.01hr) Dur. of Precip.		6262	4663	6608	10810	4815	3803	8108	4678	18620	8023	6455	5568	88413		
(0.01hr) Dur. of Fog				323			527				200			1050		
(0.01 hr)	For Visibility Dur. of Fog	< 0.1km														
		0.1 ~ 0.2km														
		0.2 ~ 0.4km														
		0.4 ~ 0.6km			200										200	
		0.6 ~ 0.8km														
	0.8 ~ 1.0km			123			527			200				850		
(knot)	Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	17	11	16	31	17	15	14	22	23	36	10	10	36
		NE	14	7	16	13	15	15	14	17	18	25	13	5	25	
		ENE	5	7	11	14	9	10	10	15	18	20	13	6	20	
		E	7	6	8	9	14	9	8	10	16	12	11	1	16	
		ESE	2	7	11	12	11	11	11	11	9	11	3	1	12	
		SE	4	9	11	13	14	13	9	11	9	5	6	3	14	
		SSE	3	6	10	10	12	12	10	9	9	5	12	3	12	
		S	4	11	12	20	18	9	11	11	11	6	6	11	20	
		SSW	5	15	12	13	12	10	12	10	13	7	10	7	15	
		SW	10	14	14	12	12	10	13	19	13	10	10	11	19	
		WSW	17	14	15	32	28	14	12	19	8	15	16	18	32	
		W	23	18	18	37	31	16	13	20	9	15	20	23	37	
		WNW	19	20	12	28	12	2	7	10		15	11	17	28	
		NW		12	6	1	9	5		13	4	7	10	10	13	
NNW	3	8	8			3	10	14	5	15	8	9	15			
N	15	6	15	19	17	12	10	26	17	23	13	25	26			

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Percentage (0.1%)	CALM	28	24	102	147	112	101	73	161	142	51	28	17	82
		NNE	20	29	100	75	82	104	129	160	204	94	26	8	86
		NE	7	6	23	38	26	63	66	52	61	77	28	3	37
		E	8	9	35	31	17	39	79	50	39	99	13	1	35
		ESE	4	10	27	25	15	32	67	50	36	32	4	1	25
		SE	7	33	48	54	50	94	67	32	39	9	11	3	37
		SSE	7	32	61	60	67	108	54	54	36	27	22	7	44
		S	35	55	105	122	173	132	102	136	156	114	114	52	108
		SSW	50	56	93	88	98	82	82	52	76	125	103	67	81
		SW	65	56	48	54	48	36	62	31	42	94	111	99	62
		WSW	228	186	155	126	157	94	132	77	44	126	208	246	148
		W	461	351	149	107	130	89	66	55	36	89	279	413	185
		WNW	66	124	12	14	7	1	4	5		12	21	22	24
NW		9	3	1	3	1		11	1	7	7	7	4		
NNW	3	3	9			3	1	15	10	13	6	24	7		
N	12	19	30	58	15	19	16	59	78	30	19	30	32		
Number of Days With Classified	Daily Max. Temp.	< 0.0	4												4
		10.0	3	9	21	30	31	30	31	31	30	31	26	17	290
	20.0			4	14	27	29	31	31	30	20	4		190	
	30.0					1	6	15	23	2				47	
	35.0							5	6					11	
	Daily Mean Temp.	< -5.0	3												3
		< 0.0	9	2										1	12
		10.0		2	11	29	31	30	31	31	30	31	17	4	247
		20.0				1	17	25	30	31	28	6			138
	25.0						6	20	26	2				54	
	Daily Min. Temp.	-20.0													6
		-15.0													
		-5.0	6												
		< 0.0	19	18	3								2	8	50
		10.0		1	2	19	31	30	31	31	30	29	5		209
	20.1					2	13	25	27	15	1			83	
	25.1							5	10					15	
	Daily Min. Vis.	< 0.1km							3						5
		0.1 ~ 0.2km							9				2		
		0.2 ~ 0.4km													
		0.4 ~ 0.6km			2										2
		0.6 ~ 0.8km													
		0.8 ~ 1.0km													
	Daily Precip.	0.1mm	5	6	5	11	5	9	9	6	19	10	7	6	98
10.0mm		1		3	3	1		3	2	6	3	1	1	24	
30.0mm					3					2	4	2		11	
80.0mm										2	1			3	
100.0mm										1	1			2	
60 - Minute Max. Precip.	1.0mm				10	5	2	8	4	15	5			49	
	6.0mm				2			3	1	6	2			14	
	10.0mm								1	4	2			7	
	20.0mm									2	1			3	
30.0mm										1			1		
10 - Minute Max. Precip.	0.1mm														
	1.0mm														
	6.0mm														
	10.0mm														
15.0mm															
Daily Max. New Snowfall	0.1cm														
	5.0cm														
	10.0cm														
	15.0cm														
20.0cm															
Daily Max. Snow Depth	0.1cm		3											3	
	5.0cm														
	10.0cm														
	20.0cm														
30.0cm															
Daily Min. Rel. Humid.	< 20%	6	9	8	2	5				1		2	4	37	
	< 30%	22	21	14	12	10	5		1	2	1	6	12	106	
	< 40%	28	26	18	19	15	9		4	4	2	14	17	156	
	< 50%	28	27	23	20	22	12	6	8	5	8	20	22	201	
	< 70%	29	27	31	26	29	19	22	29	14	28	28	30	312	
70%	2	2		4	2	11	9	2	16	3	2	1	54		
Daily Max. Wind speed	10knot	26	23	25	27	29	26	27	31	21	24	23	27	309	
	15knot	12	7	6	13	7	8	3	8	6	8	11	18	107	
	20knot	1	1		2	3			2	2	2	1	6	20	
	25knot				2	1			1		1		1	6	
	30knot				2	1					1			4	
	35knot				1						1			2	

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow		5											5	
	Sleet														
	Rain	5	7	9	12	7	11	11	10	21	15	9	7	124	
	Hail														
	Fog				2		3					1		6	
	Yellow Sand			1										1	
	Thunder Storm		1						3	2				6	
	Clear	15	14	10	5	6	3			7		1	9	14	84
	Partly Cloudy	9	3	6	6	13	5	7	9	4	5	9	7		83
	Mostly Cloudy	5	10	13	16	11	20	19	13	16	22	10	8		163
	Cloudy	2	2	2	3	1	2	5	2	10	3	2	2		36
	10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10230	10228	10224	10147	10094	10111	10098	10092	10088	10159	10224	10213
2nd			10196	10194	10203	10145	10156	10056	10060	10053	10151	10207	10196	10237	
3rd			10258	10269	10201	10120	10100	10076	10096	10035	10170	10198	10237	10234	
Mean Temp. (0.1)		1st	41	19	77	142	194	205	242	282	237	201	105	71	
		2nd	0	55	83	143	178	239	247	296	222	177	134	59	
		3rd	-7	38	105	152	213	236	287	252	213	152	68	53	
Mean Max.Temp. (0.1)		1st	84	67	118	191	242	233	281	324	266	232	151	118	
		2nd	42	98	119	186	227	282	282	340	243	218	183	102	
		3rd	27	82	149	190	256	273	332	290	245	182	106	93	
Mean Min.Temp. (0.1)		1st	8	-18	39	97	149	172	210	250	212	170	58	23	
		2nd	-38	10	42	98	127	199	221	260	199	140	84	15	
		3rd	-42	-2	64	111	171	203	248	220	182	119	30	12	
Mean D.P.Temp. (0.1)		1st	-87	-128	-5	63	83	153	210	239	208	162	31	-53	
		2nd	-118	-38	-17	55	98	180	211	238	190	135	67	-17	
		3rd	-119	-78	-1	75	138	182	230	187	175	97	-10	-20	
Mean Rel. Humid. (%)		1st	42	35	61	65	53	75	84	79	85	79	63	43	
		2nd	44	55	54	59	64	72	81	72	83	77	67	61	
		3rd	47	46	53	65	65	74	72	70	79	71	61	62	
Mean Wind Speed (0.1knot)		1st	75	79	74	74	101	61	55	58	59	70	74	94	
		2nd	82	74	60	93	71	62	57	61	82	57	62	80	
		3rd	91	65	68	81	65	64	63	97	60	73	87	98	
Total Precip. (0.1mm)		1st		2	375	563	258	28	756	13	2130	1903	8		
		2nd	50	80	123	125	68	34	18	353	1664	242	111	85	
		3rd	370	98	25	751	70	101	52	538	270	114	85	288	
Mean Cloud Amount (oktas)	1st	2.4	1.2	4.1	5.6	4.8	5.2	6.6	3.8	6.6	5.9	3.3	1.8		
	2nd	2.5	4.4	4.3	4.2	3.1	5.5	6.4	2.7	6.7	4.7	4	3.7		
	3rd	3.9	4.2	4.3	5.3	4.3	5.6	4.9	5.3	6.2	6	4.1	4.3		

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Element		1	2	3	4	5	6	7	8	9	10	11	12			
(0.1hPa)	Air Press.	Mean Station	10189	10186	10161	10087	10070	10032	10036	10011	10088	10142	10177	10189	10114	
		Mean Sea Level	10240	10235	10210	10136	10116	10078	10081	10056	10134	10189	10225	10239	10162	
		Highest	10338	10361	10296	10242	10262	10150	10157	10120	10221	10310	10338	10340	10361	
		Date	01	25	01	19	14	05	07	26	21	30	29	30	02/25	
		Lowest	10086	9992	10093	9878	9918	9946	9983	9892	9982	10002	10119	10044	9878	
		Date	18	14	18	17	03	24	01	31	01	05	19	22	04/17	
(0.1)	Air Temp.	Mean	- 2	30	87	149	200	235	265	277	221	167	86	37	146	
		Mean Max.	49	87	150	215	272	285	318	339	267	215	143	89	202	
		Mean Min.	- 51	- 25	29	92	130	188	226	228	186	126	34	- 16	96	
		Highest	140	165	225	281	325	330	362	382	315	276	202	171	382	
		Date	03	13	17	25	18	18	31	11	27	02	05	22	08/11	
		Lowest	- 131	- 76	- 67	40	77	118	199	166	120	49	- 36	- 64	- 131	
	Date	24	03	01	12	17	02	07	30	21	30	26	11	01/24		
(0.1) Mean D.P.Temp.		- 91	- 72	- 13	59	97	164	213	205	180	120	12	- 41	69		
Rel. Humid.	(%)	Mean	56	51	55	60	56	68	75	67	80	76	64	61	64	
		Lowest	10	10	14	15	14	24	38	27	36	18	18	15	10	
		Date	05	10	17	01	19	19	10	24	24	30	16	10	02/10	
(0.1mm)	Precip.	00-24h Total	139	148	739	1418	581	474	2877	718	3171	1095	134	455	11949	
		Highest	1 Daily	106	80	280	308	213	245	962	325	1065	458	93	198	1065
			Date	29	13	05	27	10	24	06	28	17	05	18	21	09/17
		1	60 - Minute				72	45	120	500	105	195	78			500
			Date				06	24	08	24	02	08	05			07/24
		10	10 - Minute													
Date																
2	2 - Day	126	125	415	408	228		965	175	1195	249	96		1195		
	Date	28 - 29	12 - 13	05 - 06	06 - 07	10 - 11		05 - 06	02 - 03	02 - 03	07 - 08	18 - 19		09/02 - 09/03		
3	3 - Day			535				1686		1266				1686		
	Date			04 - 06				01 - 06		01 - 05				07/01 - 07/06		
(knot)	Wind	Mean Speed	5.5	5.9	4.4	5.1	4.9	4.5	4.0	4.8	3.1	3.7	4.1	4.8	4.6	
		Highest Speed	27	24	16	26	29	16	23	19	15	22	18	20	29	
		Highest Dir.	WNW	NW	WNW	WNW	WNW	ESE	SE	W	E	WNW	NW	WNW	WNW	
		Date	19	14	10	17	04	05	31	31	19	05	01	22	05/04	
		Highest Gust Speed	38	36	23	39	44	26	28	36	22	28	26	32	44	
		Highest Gust Dir.	WNW	WNW	WNW	WNW	NW	ESE	NW	W	ESE	NW	NW	WNW	NW	
		Date	19	28	10	17	04	05	07	31	20	05	01	22	05/04	
		Resultant Speed	5	5	1	1	1	1	1	1	2	1	2	4	1	
		Resultant Dir.	NW	NW	NW	SSE	W	SE	SE	ESE	ESE	E	NW	NW	NW	
		(oktas)	Cloud	Amount	3.3	3	3.7	4.5	3.8	4.9	5.5	3.5	5.9	5.2	3.4	3.5
Ceiling	5			4	6	7	5	5	5	7	7	6	6	9	9	
(100ft)Height	ST			ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	FG	FG	
(0.1cm)	Snow	Snow Depth	47									0	0	47		
		Date	29										26	14	01/29	
(0.01hr) Dur. of Precip.		4897	4262	5647	11152	5702	4127	9947	4398	15332	7593	3100	5007	81164		
(0.01hr) Dur. of Fog		1005	148	617	207			13			693		917	3600		
(0.01 hr)	For Visibility	Dur. of Fog	< 0.1km													
			0.1 ~ 0.2km				33					200		317	550	
			0.2 ~ 0.4km			167	142						108		208	625
			0.4 ~ 0.6km	100		117							178		8	403
			0.6 ~ 0.8km	200		33	8									241
			0.8 ~ 1.0km	705	148	300	23			13			207		383	1779
(knot)	Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	2	2	5	3	3	4	10	5	3	6	3	3	10
			NE	2	2	3	4	3	2	3	2	3	4	2	5	5
			ENE	2	3	4	3	5	3	3	7	5	3	2	2	7
			E	3	5	10	14	12	12	13	14	12	12	9	3	14
			ESE	4	6	14	15	12	16	18	15	12	15	11	4	18
			SE	4	6	11	17	15	15	15	17	12	10	10	5	17
			SSE	2	6	10	10	9	8	10	10	10	8	7	3	10
			S	3	3	5	6	9	7	7	5	9	5	2	2	9
			SSW	2	8	5	6	8	7	7	2	8	3	3	1	8
			SW	2	4	6	1	6	6	8	3	3	2	3	1	8
			WSW	5	6	8	10	8	4	7	9	10	4	3	5	10
			W	14	10	11	22	15	12	10	17	6	10	10	10	22
			WNW	22	19	16	25	25	15	15	14	5	12	15	20	25
			NW	19	23	14	18	15	14	11	14	4	15	15	18	23
			NNW	10	19	11	11	15	12	9	10	6	10	12	13	19
			N	7	5	9	5	7	6	6	11	5	5	5	6	11

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Wind Directions Only	Hourly Occurrence Percentage (0.1%)	CALM	16	11	20	10	15	31	28	31	42	34	24	23	24	
		NNE	24	24	31	26	27	38	26	28	46	35	22	35	30	
		NE	20	13	26	38	24	35	38	48	60	55	22	11	32	
		E	46	65	77	68	90	89	89	121	178	149	58	26	88	
		ESE	54	47	129	156	116	156	145	195	146	183	114	56	125	
		SE	26	45	97	168	121	158	177	117	154	81	85	34	105	
		SSE	13	22	51	54	70	88	78	77	78	51	31	17	52	
		S	4	9	28	38	46	39	50	12	39	24	10	12	26	
		SSW	7	6	8	14	22	31	27	7	19	5	11	3	13	
		SW	8	7	9	3	3	11	12	4	6	13	3	5	7	
		WSW	5	14	11	19	8	8	7	9	22	11	14	12	12	
		W	94	92	90	76	60	35	46	47	36	67	74	79	66	
		WNW	270	243	148	114	130	65	47	85	31	98	238	250	143	
		NW	272	273	137	113	118	83	79	85	40	90	150	277	143	
NNW	91	89	85	67	87	65	73	69	49	51	94	95	76			
N	50	40	54	38	63	69	79	66	56	52	51	65	57			
Number of Days With Classified	Daily Max. Temp.	< 0.0	4												4	
		10.0	3	11	28	30	31	30	31	31	30	31	25	16	297	
	20.0			3	23	31	30	31	31	31	29	23	2		203	
	30.0					7	10	25	25	5					72	
	35.0							8	19						27	
	Daily Mean Temp.	< -5.0	4													4
		< 0.0	12	6	1									3	22	
		10.0		2	14	30	31	30	31	31	30	29	13	1	242	
		20.0					15	29	31	30	24	5			134	
	Daily Min. Temp.	25.0						6	25	25	2				58	
		-20.0														
		-15.0														
		-5.0	17	7	1									5	30	
	Daily Min. Vis.	< 0.0	30	23	7								5	21	86	
		10.0		1		11	27	30	31	31	30	24	3		188	
		20.1					0	6	28	25	9	1			69	
		25.1							4	6					10	
	Daily Min. Precip.	< 0.1km														
		0.1 ~ 0.2km				1						2		1	4	
		0.2 ~ 0.4km			1										1	
		0.4 ~ 0.6km	1		1							1			3	
		0.6 ~ 0.8km	1												1	
		0.8 ~ 1.0km		1					1			1		1	4	
	Daily Max. New Snowfall	0.1mm	3	3	6	11	5	7	12	5	17	7	4	5	85	
10.0mm		1		4	6	3	2	8	3	7	3		2	39		
30.0mm					1			2	1	3	1			8		
80.0mm								1		1				2		
100.0mm										1				1		
60 - Minute Max. Precip.	1.0mm				10	4	3	9	4	14	7			51		
	6.0mm				2		2	8	2	6	1			21		
	10.0mm						1	5	1	3				10		
10 - Minute Max. Precip.	20.0mm							2						2		
	30.0mm							1						1		
	0.1mm															
Daily Max. Snow Depth	1.0mm															
	5.0cm															
	10.0cm															
	15.0cm															
Daily Min. Rel. Humid.	20.0cm															
	0.1cm	3												3		
	5.0cm															
	10.0cm															
	20.0cm															
Daily Max. Wind speed	30.0cm															
	< 20%	3	1	9	6	5					1	3	3	31		
	< 30%	11	18	19	16	15	4		1		1	7	12	104		
	< 40%	21	23	25	22	22	10	1	9	3	4	16	17	173		
	< 50%	28	26	28	24	26	16	9	23	7	11	21	21	240		
Daily Max. Wind speed	< 70%	29	27	30	28	31	28	28	31	23	27	29	28	339		
	70%	2	2	1	2		2	3		7	4	1	3	27		
	10knot	21	20	21	20	23	17	19	24	12	17	14	15	223		
	15knot	10	13	3	9	6	5	5	4	2	3	7	10	77		
	20knot	4	5		1	1		1			1		2	15		
Daily Max. Wind speed	25knot															
	30knot	1			1	1								3		
	35knot															

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow		5											5	
	Sleet		2										1	3	
	Rain		5	6	7	12	8	15	15	9	18	12	7	6	120
	Hail														
	Fog		2	1	2	1			1			4		2	13
	Yellow Sand														
	Thunder Storm			1					5	1	3	1			11
	Clear		12	14	9	5	8	3		11		2	13	12	89
	Partly Cloudy		11	6	8	10	13	7	10	12	7	5	4	8	101
	Mostly Cloudy		7	7	12	12	9	19	16	7	17	22	13	9	150
	Cloudy		1	2	2	3	1	1	5	1	6	2		2	26
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10240	10237	10224	10145	10097	10106	10092	10088	10084	10158	10230	10225	
		2nd	10208	10198	10205	10146	10153	10055	10055	10049	10149	10208	10200	10248	
		3rd	10270	10275	10201	10116	10099	10073	10095	10033	10169	10199	10246	10244	
	Mean Temp. (0.1)	1st	23	8	76	140	191	220	255	282	238	195	91	43	
		2nd	-8	50	78	148	187	246	256	300	216	165	114	34	
		3rd	-20	34	104	158	220	240	284	251	208	142	54	35	
	Mean Max.Temp. (0.1)	1st	84	67	136	211	254	272	308	349	284	240	153	104	
		2nd	42	108	141	209	271	299	300	364	258	227	178	88	
		3rd	22	86	171	224	289	285	343	306	258	182	99	77	
	Mean Min.Temp. (0.1)	1st	-30	-51	22	83	132	171	214	238	206	159	34	-22	
		2nd	-55	-5	22	92	110	196	222	248	182	117	55	-16	
		3rd	-66	-19	42	100	147	197	240	200	170	104	14	-9	
	Mean D.P.Temp. (0.1)	1st	-67	-115	-16	56	83	142	213	227	198	152	19	-52	
		2nd	-100	-31	-26	52	91	173	204	217	176	124	49	-41	
		3rd	-105	-71	0	69	116	175	223	173	166	87	-31	-32	
	Mean Rel. Humid. (%)	1st	56	43	57	63	55	65	79	74	80	78	64	55	
		2nd	54	60	53	57	59	67	74	64	80	78	69	62	
		3rd	58	49	54	61	56	71	72	65	79	71	59	65	
	Mean Wind Speed (0.1knot)	1st	47	55	50	40	58	44	37	33	33	41	45	46	
		2nd	66	58	40	64	47	42	46	50	30	27	30	39	
		3rd	54	64	42	50	41	48	37	62	29	42	49	57	
	Total Precip. (0.1mm)	1st			535	577	326	164	1686	383	1607	727	0	0	
		2nd	13	125	125	298	85	60	156	0	1250	288	96	28	
		3rd	126	23	79	543	170	250	1035	335	314	80	38	427	
Mean Cloud Amount (oktas)	1st	2.5	.8	3.6	4.5	4.8	4.6	6.3	3.5	6	5.2	2.6	2.2		
	2nd	3.2	4.4	3.8	4.2	2.9	4.8	5.8	2.5	6.1	4.6	3.5	3.9		
	3rd	4.3	3.8	3.7	4.8	3.8	5.4	4.5	4.5	5.7	5.8	4	4.4		

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Element		1	2	3	4	5	6	7	8	9	10	11	12			
(0.1hPa)	Air Press.	Mean Station	10210	10211	10193	10126	10107	10070	10075	10047	10123	10175	10206	10216	10147	
		Mean Sea Level	10221	10222	10204	10137	10117	10080	10085	10057	10133	10186	10217	10227	10157	
		Highest	10319	10338	10288	10249	10260	10148	10169	10117	10213	10295	10329	10327	10338	
		Date	01	25	04	19	14	05	06	05	21	30	29	30	02/25	
		Lowest	10057	9985	10086	9889	9920	9937	9981	9889	9990	9967	10108	10048	9889	
		Date	18	14	19	17	03	24	13	31	01	05	19	22	08/31	
(0.1)	Air Temp.	Mean	6	38	82	135	182	219	255	264	218	170	92	53	143	
		Mean Max.	72	103	148	191	246	267	300	313	256	217	154	113	198	
		Mean Min.	-52	-26	19	73	115	175	215	221	183	127	40	-5	90	
		Highest	175	178	224	264	307	325	351	364	310	303	220	182	364	
		Date	03	28	31	22	31	19	27	14	01	03	05	22	08/14	
		Lowest	-153	-68	-74	19	55	101	178	143	146	49	-33	-48	-153	
Date	24	26	01	12	17	02	22	30	25	30	26	16	01/24			
(0.1) Mean D.P.Temp.		-89	-64	7	72	108	175	220	219	188	131	30	-26	81		
Rel. Humid.	(%)	Mean	54	51	64	70	66	78	82	78	85	79	70	61	70	
		Lowest	13	11	13	21	16	36	51	27	37	25	17	13	11	
		Date	12	05	16	05	04	03	24	31	25	30	16	16	02/05	
(0.1mm)	Precip.	00-24h Total	440	320	760	1680	820	575	2180	1005	3325	3715	465	840	16125	
		Highest	1 Daily	215	155	345	415	390	350	560	455	1120	2805	200	360	2805
			Date	29	13	04	07	03	24	01	28	17	05	18	22	10/05
		1	60 - Minute			100	135	135	525	275	135	1020				1020
			Date			06	03	24	25	01	10	05				10/05
		10	10 - Minute			30	40	75	165	130	75	200				200
			Date			17	03	24	25	01	02	05				10/05
		2	2 - Day	350	300	350	600	180	735	475	1320	220	215	570		1320
			Date	28 - 29	12 - 13	04 - 05	06 - 07	10 - 11	01 - 02	28 - 29	02 - 03	07 - 08	18 - 19	21 - 22	09/02 - 09/03	
		3	3 - Day	360		405			1150	855	1245	335		650		1245
Date	28 - 30			04 - 06			01 - 05	30 - 02	17 - 19	28 - 02		19 - 22	09/17 - 09/19			
(knot)	Wind	Mean Speed	7.8	7.4	6.2	6.9	6.8	5.5	5.2	6.0	5.6	6.1	7.1	7.8	6.5	
		Highest Speed	23	24	20	27	27	17	21	23	23	44	21	25	44	
		Highest Dir.	NW	NW	SSW	S	S	SSE	SW	N	NNE	N	N	SSW	N	
		Date	19	21	05	17	03	18	02	02	20	05	24	22	10/05	
		Highest Gust Speed	34	31	33	42	45	28	39	40	38	67	29	38	67	
		Highest Gust Dir.	NW	NNW	SSW	S	S	NNE	SSW	N	N	N	N	SSW	N	
		Date	19	29	05	17	03	05	02	02	20	05	24	22	10/05	
		Resultant Speed	7	5	2	1	0	1	1	3	4	5	6	7	3	
		Resultant Dir.	NNW	NNW	NNE	NNE	WSW	E	SSE	NNE	NNE	NNE	N	N	N	
		Cloud (oktas)	Amount	Mean												
Ceiling (Min.)	(100ft)Height															
Snow (0.1cm)	Highest	Snow Depth														
		Snowfall														
(0.01hr) Dur. of Precip.																
(0.01hr) Dur. of Fog																
(0.01 hr)	For Visibility Dur. of Fog	< 0.1km														
		0.1 ~ 0.2km														
		0.2 ~ 0.4km														
		0.4 ~ 0.6km														
		0.6 ~ 0.8km														
		0.8 ~ 1.0km														
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	12	13	13	15	12	14	13	17	21	31	14	13	31	
		NE	10	7	11	12	8	13	8	12	11	16	8	10	16	
		ENE	1	10	12	14	13	9	17	12	10	22	11	4	22	
		E	3	7	13	14	12	11	12	11	11	11	12	6	14	
		ESE	1	5	6	10	8	10	2	9	5	8	5	4	10	
		SE	2	8	8	8	7	6	8	6	7	6	2	2	8	
		SSE	2	9	15	15	16	16	12	14	5	6	13	5	16	
		S	6	17	16	21	25	15	13	14	16	11	9	21	25	
		SSW	6	12	18	19	16	13	17	12	16	10	10	16	19	
		SW	6	13	14	11	15	12	20	15	13	11	9	7	20	
		WSW	6	11	9	14	13	8	9	15	5	6	7	7	15	
		W	6	10	5	17	18	10	7	11	3	7	8	8	18	
		WNW	20	14	7	14	17	9	7	9	3	3	6	8	20	
		NW	20	18	5	9	10	8	7	10	5	10	15	19	20	
NNW	19	19	11	11	20	10	7	15	7	18	18	18	20			
(knot)	N	18	17	17	18	16	13	11	19	20	23	19	17	23		

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Element		1	2	3	4	5	6	7	8	9	10	11	12			
Wind Directions Only	Hourly Occurrence Percentage (0.1%)	CALM	9	11	9	3			1				1	3	3	
		NNE	66	49	112	89	50	93	54	109	181	138	126	114	98	
		NE	8	20	46	52	28	50	44	52	51	47	38	28	39	
		ENE	1	11	40	35	32	47	55	73	51	85	36	8	40	
		E	4	6	24	47	44	35	58	69	63	70	14	5	37	
		ESE	1	6	12	6	13	14	11	5	13	11	6	3	8	
		SE	1	16	17	13	5	14	26	4	4	5	1	3	9	
		SSE	1	26	52	75	62	78	63	46	7	8	4	4	36	
		S	4	52	79	138	159	161	187	58	21	13	10	23	75	
		SSW	9	17	40	36	63	60	82	8	28	13	8	12	32	
		SW	5	27	19	18	30	19	31	13	8	12	8	11	17	
		WSW	7	23	7	11	19	10	15	19	3	3	1	4	10	
		W	11	37	4	31	22	22	9	13	8	8	7	11	15	
		WNW	42	52	11	10	26	15	12	11	6	4	10	8	17	
NW	109	106	42	38	28	40	39	26	26	26	39	65	48			
NNW	157	162	108	72	118	93	101	134	74	86	124	142	114			
N	563	378	378	327	301	249	212	360	457	470	567	556	402			
Number of Days With Classified		< 0.0	2											2		
		10.0	7	15	26	30	31	30	31	31	30	31	28	19	309	
		20.0			4	12	27	29	31	31	29	21	5		189	
		30.0					1	4	15	26	2	1			49	
		35.0							1	4					5	
		< -5.0	1												1	
		< 0.0	11	2											13	
		10.0		2	10	29	31	30	31	31	30	30	13	2	239	
		20.0					6	25	31	29	25	6			122	
		25.0						1	19	25	1				46	
		-20.0														
		-15.0	1												1	
		-5.0	16	6	2										24	
		< 0.0	30	24	8									5	20	87
		10.0		1		7	18	30	31	31	30	24	2		174	
		20.1						5	27	27	7	1			67	
		25.1							2	3					5	
		< 0.1km														
		0.1 - 0.2km														
		0.2 - 0.4km														
		0.4 - 0.6km														
		0.6 - 0.8km														
		0.8 - 1.0km														
		0.1mm	5	3	7	10	5	8	11	6	14	8	8	6	91	
10.0mm	2	2	3	7	4	1	6	3	7	3	2	3	43			
30.0mm			1	1	1	1	3	1	3	2		1	14			
80.0mm									1	1			2			
100.0mm									1	1			2			
1				10	4	7	10	6	12	6			55			
6.0mm				3	3	2	6	2	4	3			23			
10.0mm				1	1	1	3	2	4	3			15			
20.0mm							3	1		1			5			
30.0mm								2		1			3			
10				10	5	8	11	6	14	8			62			
1.0mm				8	4	4	10	5	12	5			48			
6.0mm						1	4	2	1	3			11			
10.0mm							3	1		1			5			
15.0mm							2			1			3			
0.1cm																
5.0cm																
10.0cm																
15.0cm																
20.0cm																
0.1cm																
5.0cm																
10.0cm																
20.0cm																
30.0cm																
< 20%	5	8	8		1							3	3	28		
< 30%	20	19	16	9	5				1		1	5	13	89		
< 40%	28	24	19	15	14	4			1	1	2	15	17	140		
< 50%	28	27	24	19	22	9			2	2	5	20	21	179		
< 70%	29	27	30	26	30	23	22	26	17	27	26	29		312		
70%	2	2	1	4	1	7	9	5	13	4	4	2		54		
10knot	26	27	28	30	27	26	27	31	21	24	26	27		320		
15knot	15	15	10	13	14	4	5	5	3	4	13	21		122		
20knot	6	4	1	3	3		1	2	1	1	2	2		26		
25knot				1	1					1		1		4		
30knot										1		1		1		
35knot										1		1		1		

Element		1	2	3	4	5	6	7	8	9	10	11	12	
Number of Days With Phenomena	Snow													
	Sleet													
	Rain													
	Hail													
	Fog													
	Yellow Sand													
	Thunder Storm													
	Clear													
	Partly Cloudy													
	Mostly Cloudy													
	Cloudy													
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10223	10221	10217	10145	10098	10109	10098	10090	10085	10156	10223	10214
		2nd	10188	10188	10198	10148	10156	10057	10058	10051	10147	10205	10195	10236
		3rd	10249	10262	10198	10117	10100	10075	10097	10033	10168	10195	10234	10232
	Mean Temp. (0.1)	1st	28	17	78	128	179	201	246	269	234	197	94	58
		2nd	- 2	59	72	135	165	232	246	282	215	169	119	49
		3rd	- 7	40	95	142	200	226	271	242	204	146	62	52
	Mean Max.Temp. (0.1)	1st	111	84	136	187	234	245	288	318	275	240	158	132
		2nd	63	122	139	185	241	286	284	335	248	226	190	110
		3rd	44	103	166	200	262	270	325	289	247	187	114	98
	Mean Min.Temp. (0.1)	1st	- 36	- 43	19	69	120	159	209	228	200	157	40	- 12
		2nd	- 59	- 9	7	69	87	183	213	235	183	121	62	- 7
		3rd	- 61	- 25	29	83	135	183	223	201	166	106	17	4
	Mean D.P.Temp. (0.1)	1st	- 65	- 110	1	73	90	154	217	237	206	163	33	- 40
		2nd	- 98	- 19	- 1	63	100	186	211	238	185	133	70	- 23
		3rd	- 103	- 64	20	79	131	184	230	186	174	100	- 11	- 16
	Mean Rel. Humid. (%)	1st	55	41	64	74	61	77	85	84	86	82	70	53
		2nd	53	61	64	66	70	78	82	78	84	81	76	64
		3rd	54	51	65	70	68	79	80	73	84	75	63	64
	Mean Wind Speed (0.1knot)	1st	63	80	66	59	82	56	53	48	54	63	71	69
		2nd	83	66	60	73	65	58	52	54	67	52	55	76
		3rd	88	75	59	74	59	52	52	75	48	67	86	88
	Total Precip. (0.1mm)	1st			455	680	565	125	1150	445	1505	3040	80	
		2nd	80	300	180	405	145	85	85	55	1480	580	215	80
		3rd	360	20	125	595	110	365	945	505	340	95	170	760
Mean Cloud Amount (oktas)	1st													
	2nd													
	3rd													

Element		1	2	3	4	5	6	7	8	9	10	11	12			
(0.1hPa)	Air Press.	Mean Station	10228	10229	10206	10134	10117	10079	10083	10054	10127	10179	10215	10228	10157	
		Mean Sea Level	10233	10233	10210	10138	10120	10082	10087	10057	10130	10182	10218	10232	10160	
		Heighest	10333	10347	10294	10249	10253	10143	10163	10116	10209	10297	10329	10330	10347	
		Date	01	25	01	19	14	06	06	05	21	30	29	30	02/25	
		Lowest	10076	10007	10087	9922	9944	9947	9989	9905	10002	9825	10114	10068	9825	
(0.1)	Air Temp.	Mean	16	47	92	147	194	227	262	276	229	182	109	59	153	
		Mean Max.	67	98	142	196	246	264	300	323	266	223	154	111	199	
		Mean Min.	- 35	- 4	44	97	140	194	232	236	196	145	54	8	109	
		Highest	146	160	200	252	300	306	365	365	304	290	205	183	365	
		Date	03	13	30	14	31	17	29	14	27	03	05	22	08/14	
		Lowest	- 106	- 39	- 46	44	88	137	208	173	140	77	- 12	- 39	- 106	
		Date	25	04	01	12	17	02	23	30	21	31	26	16	01/25	
(0.1) Mean D.P.Temp.		- 60	- 39	22	80	120	183	228	221	189	134	43	- 10	93		
Rel. Humid.	(%)	Mean	59	55	64	67	65	78	83	73	79	75	68	63	69	
		Lowest	28	22	24	23	24	37	48	33	42	34	26	26	22	
		Date	12	10	12	25	21	01	14	31	20	30	15	11	02/10	
(0.1mm)	Precip.	00-24h Total	350	497	1154	1899	1081	1189	2587	1136	2939	1998	401	953	16184	
		Highest	1 Daily	180	295	458	412	513	710	806	467	992	1204	205	377	1204
			Date	28	12	04	16	03	24	01	28	17	05	18	26	10/05
		1	60 - Minute				170	213	255	308	161	140	50			308
			Date				16	03	24	02	15	17	16			07/02
		10	10 - Minute													
			Date													
2	2 - Day	315	478	501	573		189	1389	475	1080	373	235		1389		
	Date	28 - 29	12 - 13	04 - 05	06 - 07		19 - 20	01 - 02	28 - 29	02 - 03	07 - 08	18 - 19		07/01 - 07/02		
3	3 - Day			705	346		285	2042	294	1090	620			2042		
	Date			04 - 06	26 - 28		18 - 22	01 - 06	01 - 03	01 - 03	27 - 02			07/01 - 07/06		
(knot)	Wind	Mean Speed	7.8	7.9	7.5	7.6	7.5	6.9	7.2	7.3	5.9	5.7	4.9	5.8	6.8	
		Highest Speed	31	23	20	34	38	19	23	24	24	45	22	29	45	
		Highest Dir.	W	W	NNE	SSE	SSE	NE	SSW	NNE	NNE	W	NW	SSE	W	
		Date	19	29	24	17	03	05	02	26	20	05	24	22	10/05	
		Highest Gust Speed	39	28	25	40	43	23	25	31	28	49	25	37	49	
		Highest Gust Dir.	W	WSW	S	SSE	S	ENE	SSE	S	NNE	NE	NW	S	NE	
		Date	19	29	05	16	03	01	02	31	19	05	24	22	10/05	
		Resultant Speed	6	5	1	1	2	2	4	2	3	3	4	4	1	
Resultant Dir.	WNW	W	W	SE	S	SSE	SSE	NE	NNE	NNE	NNW	NW	WNW			
(oktas)	Cloud	Amount	2.8	2.8	3.9	4.5	4	5.3	5.1	3.3	5.7	5.4	3.3	2.9	4.1	
		Ceiling (Min.)	Mean	9	3	6	7	5	5	8	5	5	7	6	5	8
			(100ft)Height	FG	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST
(0.1cm)	Snow	Snow Depth	0	0											0	
		Date	05	29											02/29	
(0.01hr) Dur. of Precip.		5633	5127	9197	12798	8785	10738	11748	5267	19160	11187	6275	6313	112228		
(0.01hr) Dur. of Fog		297	722	1187	202	337	797	780		240	385	653	683	6283		
(0.01 hr)	For Visibility Dur. of Fog	< 0.1km			150								398		548	
		0.1 ~ 0.2km	160	325	213			87					83	100	968	
		0.2 ~ 0.4km	77	347	115	15	100	292	302		75	90	483	100	1896	
		0.4 ~ 0.6km			312		23	27	43		67		100		572	
		0.6 ~ 0.8km	60	50	397	187	213	392	435		173	310	82		2299	
(knot)	Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	15	13	17	20	15	13	11	20	16	17	14	5	20
		NE	16	7	15	18	13	17	12	20	16	39	12	7	39	
		ENE	5	7	12	15	14	17	14	13	14	43	6	8	43	
		E	4	8	13	16	13	17	13	14	11	45	7	6	45	
		ESE	10	12	14	14	14	11	14	14	11	8	6	4	14	
		SE		10	12	13	13	11	12	12	14	8	6	1	14	
		SSE	5	10	11	30	24	14	12	14	10	7	1	18	30	
		S	9	16	17	20	33	17	19	15	21	9	10	27	33	
		SSW	9	17	19	26	19	16	23	14	19	7	10	24	26	
		SW	7	18	19	15	15	17	14	14	14	10	9	10	19	
		WSW	19	16	14	23	20	14	14	20	3	5	5	10	23	
		W	29	20	18	25	20	11	13	18	9	9	9	12	29	
		WNW	20	17	15	13	23	9	8	15	9	21	11	16	23	
		NW	14	13	13	8	19	6	9	11	7	38	14	13	38	
NNW	9	12	8	8	7	6	3	9	7	12	14	13	14			
N	16	11	17	14	12	9	6	15	16	9	10	9	17			

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Percentage (0.1%)	CALM				1								0	
		NNE	81	37	121	131	90	104	62	180	228	179	111	67	116
		NE	30	30	93	94	62	92	56	105	121	137	56	27	75
		ENE	5	3	50	24	28	25	27	56	29	67	18	15	29
		E	5	6	52	40	39	35	50	58	22	17	11	8	29
		ESE	3	11	17	61	38	40	62	20	28	7	6	4	25
		SE		4	15	31	24	49	39	36	22	12	6	3	20
		SSE	9	22	39	90	110	138	147	56	26	7	4	8	55
		S	13	82	128	132	181	194	207	48	44	26	26	24	92
		SSW	16	70	60	47	93	67	108	34	22	15	15	15	47
		SW	15	40	26	22	38	42	36	17	14	15	10	13	24
		WSW	27	76	28	35	50	24	26	34	6	5	18	12	28
		W	301	302	121	74	54	47	35	81	60	48	63	62	103
		WNW	227	145	81	40	47	39	52	73	58	138	138	208	104
NW	95	68	46	31	36	18	27	38	83	87	219	251	83		
NNW	55	27	22	36	24	19	28	35	54	74	124	132	53		
N	117	76	102	111	86	68	39	129	182	165	176	151	117		
Number of Days With Classified	Daily Max. Temp.	< 0.0	1											1	
		10.0	4	12	29	30	31	30	31	31	30	31	28	19	306
	20.0				1	14	28	30	31	31	29	23	2	189	
	30.0						1	3	16	26	1			47	
	35.0								1	6				7	
	Daily Mean Temp.	< -5.0	1												1
		< 0.0	6												6
	10.0		2	15	30	31	30	31	31	30	31	18	3	252	
	20.0					12	29	31	30	28	8			138	
	25.0							26	26	6	1			59	
	Daily Min. Temp.	-20.0													8
		-15.0	8												8
	-5.0	28	21	6									2	12	69
	< 0.0														203
	10.0		1	3	15	30	30	31	31	30	29	3			86
	20.1						1	11	31	28	14	1			18
	25.1								7	11					18
	Daily Min. Vis.	< 0.1km													2
		0.1 - 0.2km			1								1		6
	0.2 - 0.4km	1	1					2						1	10
	0.4 - 0.6km				1	1	2	3				1	1		3
	0.6 - 0.8km				1				1		1				8
	0.8 - 1.0km				1	1			2		2	1			8
	Daily Precip.	0.1mm	4	4	7	11	6	12	11	7	16	8	7	5	98
10.0mm		2	2	3	6	4	2	7	4	6	3	1	3	43	
30.0mm				1	2	1	1	3	2	2	3		1	16	
80.0mm								1		2	1			4	
100.0mm											1			1	
60 - Minute Max. Precip.	1.0mm				9	6	10	9	5	10	4			53	
	6.0mm				6	2	2	6	4	5				25	
10.0mm				2	2	2	5	3	1					15	
20.0mm					1	1	3							5	
30.0mm							1							1	
10 - Minute Max. Precip.	0.1mm														
	1.0mm														
6.0mm															
10.0mm															
15.0mm															
Daily Max. New Snowfall	0.1cm														
	5.0cm														
10.0cm															
15.0cm															
20.0cm															
Daily Max. Snow Depth	0.1cm														
	5.0cm														
10.0cm															
20.0cm															
30.0cm															
Daily Min. Rel. Humid.	< 20%														
	< 30%	1	3	5	7	6						1	3	26	
< 40%	10	19	18	14	14	2		1			1	8	9	96	
< 50%	28	26	26	19	22	4	1	6	4	10	17	17	17	180	
< 70%	31	27	27	25	27	21	19	31	19	27	28	29	311		
70%		2	4	5	4	9	12		11	4	2	2	55		
Daily Max. Wind speed	10knot	29	29	30	29	31	30	31	31	24	27	28	27	346	
	15knot	18	21	17	19	17	13	15	14	6	11	11	15	177	
20knot	6	6	2	3	6		3	4	3	3	2	5	43		
25knot	2			2	2					1		2	9		
30knot				2	1					1			5		
35knot	1				1						1		2		

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow		1											1	
	Sleet	1												1	
	Rain	5	5	12	12	13	17	13	9	21	15	11	7	140	
	Hail														
	Fog	1	1	4	2	1	5	6		3	2	2	2	29	
	Yellow Sand														
	Thunder Storm			1	3	1	3	6	5	1	1				21
	Clear	16	14	11	4	8	3	1	10	1	2	13	15	98	
	Partly Cloudy	8	7	7	13	10	5	12	11	6	6	4	9	98	
	Mostly Cloudy	6	6	10	10	10	21	15	9	17	22	13	5	144	
	Cloudy	1	2	3	3	3	1	3	1	6	1		2	26	
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10235	10232	10223	10146	10105	10107	10101	10090	10083	10151	10224	10219	
		2nd	10201	10199	10203	10151	10157	10062	10057	10051	10142	10204	10195	10239	
		3rd	10260	10272	10204	10117	10101	10078	10101	10033	10165	10191	10236	10237	
	Mean Temp. (0.1)	1st	37	25	88	142	183	214	250	281	245	210	107	66	
		2nd	11	66	84	145	183	235	257	296	225	181	132	56	
		3rd	2	52	103	154	215	232	277	253	218	157	71	57	
	Mean Max.Temp. (0.1)	1st	94	79	134	197	226	252	283	331	283	250	159	124	
		2nd	63	114	133	189	244	277	292	344	257	231	186	107	
		3rd	45	103	156	202	265	263	323	297	258	192	118	103	
	Mean Min.Temp. (0.1)	1st	-20	-26	43	93	134	176	225	243	213	174	53	7	
		2nd	-38	12	35	94	120	203	228	253	194	139	78	4	
		3rd	-47	1	53	105	164	203	243	213	181	123	31	12	
	Mean D.P.Temp. (0.1)	1st	-35	-74	27	83	111	156	229	237	210	168	46	-14	
		2nd	-70	-4	7	71	109	200	218	240	183	134	81	-11	
		3rd	-73	-37	34	86	139	193	238	188	176	103	3	-5	
	Mean Rel. Humid. (%)	1st	61	49	69	71	66	71	89	78	82	78	67	59	
		2nd	56	63	61	64	65	82	80	73	78	76	74	64	
		3rd	59	54	64	67	65	80	80	68	78	71	63	66	
	Mean Wind Speed (0.1knot)	1st	57	79	80	68	86	75	72	58	61	66	54	52	
		2nd	89	79	71	84	75	67	67	68	71	41	34	49	
		3rd	86	79	74	76	66	65	75	92	46	62	61	68	
	Total Precip. (0.1mm)	1st	5		815	710	711	74	2047	332	1121	1606	63		
		2nd	30	481	293	565	135	271	496	329	1219	311	304	95	
		3rd	315	16	46	624	235	844	44	475	599	81	34	858	
Mean Cloud Amount (oktas)	1st	1.9	1.1	4.3	4.7	5	4.8	6.4	3.3	5.5	5.2	2.6	1.9		
	2nd	2.6	4.2	3.7	4	2.9	5.3	5.3	2.4	6	5	3.8	3.4		
	3rd	3.9	3.3	3.7	4.7	4	5.7	3.6	4.2	5.7	5.8	3.6	3.5		

Element		1	2	3	4	5	6	7	8	9	10	11	12			
(0.1hPa)	Air Press.	Mean Station	10235	10233	10201	10121	10106	10065	10064	10043	10111	10169	10213	10233	10150	
		Mean Sea Level	10253	10251	10219	10138	10122	10081	10081	10059	10128	10185	10230	10251	10167	
		Highest	10352	10375	10311	10248	10236	10139	10154	10115	10218	10315	10345	10352	10375	
		Date	01	25	01	19	14	06	06	01	21	30	29	30	02/25	
		Lowest	10119	10021	10086	9942	9942	9964	9991	9942	10004	9993	10119	10091	9942	
(0.1)	Air Temp.	Mean	3	27	73	144	189	228	266	276	227	167	87	38	144	
		Mean Max.	52	82	144	216	261	279	315	342	283	220	147	97	203	
		Mean Min.	-39	-27	7	81	121	185	228	227	184	122	30	-17	92	
		Highest	140	201	231	281	327	313	361	383	334	313	220	181	383	
		Date	03	13	30	25	18	09	30	21	04	04	06	22	08/21	
		Lowest	-149	-85	-60	27	68	130	190	168	138	43	-30	-76	-149	
		Date	25	03	12	01	08	05	18	30	21	30	26	30	01/25	
(0.1) Mean D.P.Temp.		-41	-34	8	87	127	187	231	228	191	128	37	-7	95		
Rel. Humid.	(%)	Mean	75	67	68	73	72	80	82	77	82	81	74	75	76	
		Lowest	31	9	22	19	22	36	51	36	35	23	23	18	9	
		Date	22	28	30	05	21	01	21	21	20	30	16	10	02/28	
(0.1mm)	Precip.	00-24h Total	1060	514	481	1998	1612	1486	3024	736	2337	2192	352	509	16301	
		Highest	1 Daily	265	267	195	590	373	893	723	260	1288	610	75	150	1288
			Date	24	12	05	27	10	24	01	26	17	16	18	21	09/17
		1	60 - Minute				108	120	350	323	110	350	147			350
			Date				16	03	24	01	26	17	16			09/17
		2	10 - Minute													
			Date													
2 - Day	380		365	318	708	698	213	1213	275	1481	683	90		1481		
3	Date	23 - 24	12 - 13	04 - 05	27 - 28	02 - 03	19 - 20	01 - 02	26 - 27	16 - 17	04 - 05	18 - 19		09/16 - 09/17		
	3 - Day	435			785		216	2481	350	1584	1381			2481		
Date		23 - 25			26 - 28		18 - 20	01 - 07	26 - 28	16 - 18	30 - 05			07/01 - 07/07		
(knot)	Wind	Mean Speed	4.2	5.1	4.4	4.5	4.4	4.0	4.5	4.1	3.5	3.6	3.9	4.0	4.2	
		Highest Speed	18	24	19	28	21	16	20	21	17	26	15	21	28	
		Highest Dir.	NNW	SSW	NW	WSW	W	W	SSW	W	SW	NNE	N	SSW	WSW	
		Date	19	28	23	17	03	25	02	31	01	05	22	22	04/17	
		Highest Gust Speed	28	32	30	39	28	23	30	34	23	36	24	29	39	
		Highest Gust Dir.	NNW	SW	NNW	W	SSE	W	SSW	WNW	NE	NNE	N	NNW	W	
		Date	19	28	10	17	03	25	02	30	19	05	22	27	04/17	
		Resultant Speed	3	3	2	2	2	2	3	2	1	2	3	3	1	
		Resultant Dir.	NNW	NW	NW	WSW	SW	SW	SW	WNW	NNE	N	N	NNW	NW	
(oktas)	Cloud	Amount	5.5	4.3	3.7	5.1	4.6	5.8	5.3	3.7	5.6	5.7	4.0	4.4	4.8	
		Ceiling	3	6	5	4	3	4	6	6	5	6	9	3	9	
		(100ft)Height	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	FG	ST	FG	
(0.1cm)	Snow	Snow Depth	265	30	0									10	265	
		Date	25	16	11										15	01/25
		Snowfall														
(0.01hr)	Dur. of Precip.	(0.01hr) Dur. of Precip.	22092	15238	7800	13247	11287	9588	13430	4563	13757	15655	8763	12930	148350	
		(0.01hr) Dur. of Fog	4223	587	1647	2170	732	395			68	688	2838	2765	2305	18418
(0.01 hr)	For Visibility	Dur. of Fog	< 0.1km			400	162						90		652	
			0.1 ~ 0.2km			122	597	110	300			168	298	1100	460	3400
			0.2 ~ 0.4km	245												
			0.4 ~ 0.6km	528	303	502	808	207				225	1357	963	1175	6068
			0.6 ~ 0.8km	240	45	28		18					108	25	93	557
(knot)	Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	11	13	13	7	7	11	6	9	11	22	12	12	22
			NE	9	8	9	13	7	9	5	7	12	19	8	10	19
			ENE	7	5	7	6	5	9	5	10	14	12	9	8	14
			E	10	3	5	3	5	9	7	6	9	5	10	4	10
			ESE	2	2	2	9	2	6	5	6	5	11	8	5	11
			SE	2	9	5	7	6	9	8	5	6	7	9	11	11
			SSE	2	15	11	17	14	11	11	7	12	10	7	11	17
			S	7	12	14	15	17	11	11	10	11	11	7	9	17
			SSW	3	17	14	27	10	12	19	11	12	4	7	10	27
			SW	3	22	13	22	12	12	13	14	16	4	8	13	22
			WSW	4	18	11	28	14	12	13	12	5	4	10	15	28
			W	14	13	11	24	18	11	10	20	9	7	8	15	24
			WNW	12	13	11	17	10	12	10	19	9	11	8	15	19
			NW	17	18	15	13	13	12	10	15	12	12	10	11	18
			NNW	15	22	15	13	12	9	9	11	8	11	11	15	22
N	12	14	16	7	11	7	6	13	6	15	14	14	16			

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Percentage (0.1%)	CALM									28	67	113	59	22
		NNE	102	34	70	60	28	38	19	42	124	98	118	99	69
		NE	59	36	56	47	28	42	20	35	113	91	57	69	54
		ENE	22	24	19	25	24	17	13	23	49	48	35	23	27
		E	31	26	16	11	22	26	26	30	43	35	15	36	26
		ESE	15	11	12	22	8	24	16	22	18	24	18	17	17
		SE	9	22	19	15	35	24	20	20	21	32	22	12	21
		SSE	27	45	40	50	70	63	73	66	43	51	21	28	48
		S	63	79	102	142	204	215	231	129	113	97	53	46	123
		SSW	39	52	75	131	91	118	163	112	83	44	39	44	83
		SW	46	63	82	85	74	101	137	86	83	32	29	35	71
		WSW	32	37	51	86	66	65	106	66	40	16	46	27	53
		W	60	60	106	97	97	81	63	90	60	51	42	47	71
		WNW	58	59	69	75	65	60	38	77	43	16	38	63	55
NW	114	155	86	82	87	71	50	113	63	62	50	71	83		
NNW	79	132	79	29	43	19	16	40	22	63	89	116	61		
N	243	164	117	43	58	38	9	51	56	171	217	207	114		
Number of Days With Classified	Daily Max. Temp.	< 0.0	4												4
		10.0	6	8	26	30	31	30	31	31	30	31	24	16	294
		20.0		1	2	22	28	30	31	31	30	23	6		204
		30.0					6	7	23	26	12	1			75
		35.0							3	21					24
	Daily Mean Temp.	< -5.0	3												3
		< 0.0	10	10	1									4	25
		10.0		2	10	30	31	30	31	31	30	29	12	1	237
		20.0					12	29	31	31	28	5			136
		25.0						3	24	25	5				57
	Daily Min. Temp.	-20.0													
		-15.0													
		-5.0	11	9	2									7	29
		< 0.0	27	24	15								7	20	93
		10.0		1		7	24	30	31	31	30	23	2		179
	Daily Min. Vis.	20.1						9	30	26	6	1			72
		25.1							5	1					6
		< 0.1km													
		0.1 ~ 0.2km			1	2							1		4
		0.2 ~ 0.4km	3		1	2	1	1			1	2	3	2	16
	Daily Precip.	0.4 ~ 0.6km	4	2	3	2	1	1			1	5	2	3	24
		0.6 ~ 0.8km													
		0.8 ~ 1.0km	4		1	1	2			1	1		1	1	12
		0.1mm	12	7	5	11	7	10	12	8	11	15	9	11	118
10.0mm		6	1	3	6	5	4	7	3	5	6		3	49	
60 - Minute Max. Precip.	30.0mm				2	3	1	4		2	2			14	
	80.0mm						1			1				2	
	100.0mm									1				1	
	1.0mm				8	6	5	11	6	10	12			58	
	6.0mm				3	4	3	7	3	3	6			29	
10 - Minute Max. Precip.	10.0mm				1	1	1	4	3	1	2			13	
	20.0mm						1	2	1	1				4	
	30.0mm						1	1		1				3	
	0.1mm														
	1.0mm														
Daily Max. New Snowfall	6.0mm														
	10.0mm														
	20.0mm														
	30.0mm														
	0.1cm														
Daily Max. Snow Depth	5.0cm														
	10.0cm														
	20.0cm														
	30.0cm														
	0.1cm	11	4										3	18	
Daily Min. Rel. Humid.	5.0cm	7												7	
	10.0cm	6												6	
	20.0cm	2												2	
	30.0cm														
	< 20%			1		1								1	3
< 30%			4		6	7							3	34	
< 40%	4	15	20	18	14	3			2	1	4	9	9	99	
< 50%	14	22	26	19	22	9			16	10	10	17	16	181	
< 70%	30	27	29	26	29	24	23	30	22	26	28	28	28	322	
Daily Max. Wind speed	70%	1	2	2	4	2	6	8	1	8	5	2	3	44	
	10knot	18	24	26	25	21	17	21	22	12	15	15	17	233	
	15knot	3	7	7	4	4	1	4	2	2	2	1	5	42	
	20knot		1		2	1		1	2		1	1	1	9	
	25knot				2									3	

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow	13	8	2										3	26
	Sleet	1	1											1	3
	Rain	4	6	9	14	12	15	13	12	14	17	12	13	13	141
	Hail														
	Fog	11	2	6	7	4	1			1	3	7	7	6	55
	Yellow Sand														
	Thunder Storm			1					5	3	1			1	11
	Clear		9	12	4	5				7	1	3	7	6	54
	Partly Cloudy	9	3	8	6	7	7	14	11	7	2	10	12	12	96
	Mostly Cloudy	18	13	10	17	17	22	10	13	15	23	11	10	10	179
	Cloudy	4	4	1	3	2	1	7			7	3	2	3	37
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10253	10255	10231	10148	10107	10104	10092	10087	10082	10155	10235	10240	
		2nd	10223	10210	10211	10150	10156	10061	10055	10054	10139	10206	10200	10254	
		3rd	10281	10292	10214	10117	10105	10078	10096	10039	10163	10195	10255	10258	
	Mean Temp. (0.1)	1st	30	- 1	70	134	169	215	256	284	241	196	91	41	
		2nd	2	53	66	143	187	235	254	292	224	163	117	42	
		3rd	- 19	29	82	157	210	234	287	253	215	144	52	31	
	Mean Max.Temp. (0.1)	1st	85	61	127	215	228	273	297	353	299	244	158	108	
		2nd	49	107	137	207	269	286	303	362	276	229	181	102	
		3rd	24	80	165	226	283	279	341	315	273	190	101	84	
	Mean Min.Temp. (0.1)	1st	- 18	- 62	15	64	104	167	226	237	194	155	30	- 21	
		2nd	- 36	- 1	- 3	81	113	189	217	236	186	112	57	- 14	
		3rd	- 60	- 18	8	99	142	199	241	208	172	101	4	- 16	
	Mean D.P.Temp. (0.1)	1st	- 20	- 66	14	70	114	169	236	244	203	161	40	- 11	
		2nd	- 45	4	0	90	123	194	217	240	190	128	75	- 2	
		3rd	- 55	- 41	11	100	143	198	239	202	181	100	- 4	- 9	
	Mean Rel. Humid. (%)	1st	72	65	71	71	74	77	89	81	81	82	73	73	
		2nd	73	74	67	74	71	80	81	76	84	83	79	75	
		3rd	78	62	66	74	70	83	77	76	83	77	70	77	
	Mean Wind Speed (0.1knot)	1st	33	45	53	38	55	35	50	30	38	44	41	35	
		2nd	52	58	41	57	41	42	40	38	44	21	30	34	
		3rd	39	51	40	40	37	43	47	54	24	42	46	50	
	Total Precip. (0.1mm)	1st	11	0	379	441	1071	151	2481	251	121	1328	81	8	
		2nd	401	451	102	494	268	247	495	5	1647	625	168	101	
		3rd	648	63	1063	273	1088	48	480	569	239	103	400		
Mean Cloud Amount (oktas)	1st	4.9	1.9	4.8	5.3	5.4	5.7	6.7	4	5.2	5.3	3.3	3.2		
	2nd	5.4	5.9	3.4	5.1	3.6	5.5	5.6	3	5.9	5.6	4.4	5		
	3rd	6.1	5.2	3	5.1	4.8	6.3	3.8	4.2	5.8	6.2	4.4	5		

Element		1	2	3	4	5	6	7	8	9	10	11	12			
(0.1hPa)	Air Press.	Mean Station	10236	10235	10208	10135	10119	10080	10083	10055	10127	10182	10220	10236	10160	
		Mean Sea Level	10253	10253	10225	10152	10135	10096	10098	10071	10145	10199	10237	10253	10176	
		Highest	10354	10376	10316	10261	10266	10159	10171	10128	10232	10316	10351	10353	10376	
		Date	01	25	01	20	14	10	06	26	21	30	29	30	02/25	
		Lowest	10105	10033	10103	9943	9954	9964	10004	9925	10019	9925	10134	10080	9925	
(0.1)	Air Temp.	Mean	- 4	27	81	140	186	224	263	274	219	164	83	30	141	
		Mean Max.	68	97	145	204	255	272	308	335	264	215	154	105	202	
		Mean Min.	- 65	- 41	18	83	114	179	223	224	182	120	22	- 35	85	
		Highest	150	160	214	266	317	310	361	380	307	289	207	190	380	
		Date	04	11	30	14	30	17	31	11	01	04	20	22	08/11	
		Lowest	- 140	- 96	- 87	40	55	109	190	150	110	30	- 48	- 96	- 140	
(0.1)	Mean D.P.Temp.	Mean	- 64	- 46	22	91	127	188	231	226	195	136	37	- 24	93	
		Rel. Humid. (%)	Mean	69	63	71	77	73	84	84	78	88	86	77	73	77
		Lowest	20	19	22	19	5	34	50	33	48	32	23	17	5	
(0.1mm)	Precip.	00-24h Total	419	751	909	2586	1174	1061	1400	825	3990	1581	429	684	15809	
		Highest	1 Daily	250	565	340	400	405	615	633	378	1655	600	268	305	1655
			Date	28	12	04	16	03	24	03	28	17	05	18	21	09/17
		1	60 - Minute				120	125	192	134	83	203	140			203
			Date				13	24	24	03	16	03	05			09/03
		2	10 - Minute													
			Date													
2 - Day	403		683	470	553	321	111	769	388	1698	610	288		1698		
3	Date	28 - 29	12 - 13	04 - 05	06 - 07	10 - 11	21 - 22	02 - 03	27 - 28	17 - 18	04 - 05	18 - 19		09/17 - 09/18		
	3 - Day			500	471		284	1277	423	1738	538			1738		
(knot)	Wind	Mean Speed	4.1	4.5	4.7	5.0	4.9	4.5	4.8	4.5	4.0	4.1	4.2	4.0	4.4	
		Highest Speed	19	20	20	28	26	18	23	22	17	35	14	21	35	
		Highest Dir.	W	WSW	SSW	SW	W	SW	SW	ENE	NE	N	NE	SW	N	
		Date	19	28	05	17	04	25	02	16	19	05	24	22	10/05	
		Highest Gust Speed	30	27	29	41	39	23	33	31	25	48	20	31	48	
		Highest Gust Dir.	W	W	SSW	SW	W	SW	SW	WSW	NNE	N	NNE	SW	N	
		Date	19	16	05	17	04	25	02	31	20	05	24	22	10/05	
		Resultant Speed	2	1	1	1	2	1	3	1	3	3	3	2	1	
		Resultant Dir.	NNE	WNW	SSE	SSW	SSW	SW	SSW	ENE	NE	NE	NE	NE	NE	NE
		(oktas)	Cloud	Amount	3.6	3.2	4.3	5.4	4.5	5.7	5.4	3.9	6.1	5.8	3.6	3.2
Ceiling	5			3	7	7	5	4	8	7	7	6	6	7	7	
(100ft)Height	ST			ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	
(0.1cm)	Snow	Snow Depth	3	0										3		
		Date	24	29											01/24	
(0.01hr)	Dur. of Precip.	(0.01hr) Dur. of Precip.	6660	5208	7840	13903	10403	9738	12490	4803	18290	11507	5410	6097	112349	
		(0.01hr) Dur. of Fog	1728		1402	2577	287		342	48	220	2545	2992	1265	13406	
(0.01 hr)	For Visibility	Dur. of Fog	< 0.1km	638		695	1527	100		300		583	1147	712	5702	
			0.1 ~ 0.2km	400		302	553	102				942	645	263	3207	
			0.2 ~ 0.4km	47		33	28					53	568	65	107	901
			0.4 ~ 0.6km				30									30
			0.6 ~ 1.0km	643		372	438	85		42	48	167	452	1135	183	3565
(knot)	Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	13	10	14	11	9	6	5	14	13	22	13	22	
			NE	12	10	14	10	10	11	7	13	15	25	13	11	25
			ENE	13	7	12	8	7	12	8	9	10	12	10	9	13
			E	8	7	10	10	8	10	9	12	10	8	9	8	12
			ESE	3	4	7	7	10	8	7	11	4	9	6	5	11
			SE	2	3	8	9	9	8	7	5	6	5	8	3	9
			SSE	2	3	9	15	9	5	6	6	6	2	3	2	15
			S	5	13	9	6	21	5	11	5	10	6	3	3	21
			SSW	10	14	19	18	17	14	14	10	13	11	11	10	19
			SW	13	15	16	28	18	14	19	14	8	9	12	17	28
			WSW	12	15	12	23	21	12	12	20	8	8	8	18	23
			W	17	17	7	20	25	7	7	18	6	5	7	16	25
			WNW	10	12	5	1	5	4	7	3	4	2	10	3	12
			NW	10	13	3	1	5	8	4	4	4	1	5	10	13
NNW	12	10	7	9	4	6	5	13	8	2	7	13	13			
N	12	13	11	10	8	5	5	8	10	35	13	13	35			

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Wind Directions Only	Hourly Occurrence Percentage (0.1%)	CALM	1		1										0	
		NNE	118	119	117	131	114	88	60	125	196	190	160	137	129	
		NE	238	139	155	179	128	117	89	184	242	280	272	214	186	
		ENE	253	151	151	135	140	104	78	214	224	277	251	257	186	
		E	97	56	78	78	56	68	58	78	93	108	117	101	82	
		ESE	9	13	20	32	24	26	19	20	14	12	13	15	18	
		SE	8	7	19	14	26	21	30	20	22	7	1	7	15	
		SSE	8	10	17	21	19	11	20	9	4	1	6	4	11	
		S	12	14	15	11	30	21	28	17	10	4	3	9	15	
		SSW	22	73	106	58	91	99	202	39	24	8	24	31	65	
		SW	28	93	113	140	134	192	133	112	29	13	35	42	89	
		WSW	51	75	69	85	122	110	157	65	28	22	24	52	72	
		W	59	57	15	28	30	39	31	19	13	5	10	27	28	
		WNW	19	11	7	1	16	10	12	11	6	1	7	3	9	
NW	11	24	12	3	9	17	9	3	4	1	7	5	9			
NNW	13	42	17	24	9	18	27	22	21	5	11	16	19			
N	52	114	89	61	51	61	47	63	72	66	61	79	68			
Number of Days With Classified	Daily Max. Temp.	< 0.0	1												1	
		10.0	5	11	27	30	31	30	31	31	30	31	28	19	304	
	20.0				2	18	30	30	31	31	29	22	2		195	
	30.0					5	2	24	26	2					59	
	35.0							2	13						15	
	Daily Mean Temp.	< -5.0	2													2
		< 0.0	16	6	1											31
		10.0		2	9	30	31	30	31	31	30	29	11	8		235
		20.0					9	27	31	30	23	4		1		124
	25.0						1	22	26	2					51	
	Daily Min. Temp.	-20.0														
		-15.0														
		-5.0	22	16	4									12	54	
		< 0.0	30	24	11								9	24	98	
		10.0		1		11	19	30	31	31	30	21	2		176	
	20.1						9	29	25	9	1			73		
	25.1							5	3					8		
	Daily Min. Vis.	< 0.1km														
		0.1 ~ 0.2km	2		3	4	1		1			3	6	2	22	
		0.2 ~ 0.4km				1						3			4	
		0.4 ~ 0.6km									1				1	
		0.6 ~ 0.8km														
	0.8 ~ 1.0km	2		1	1	1				1	2		1	9		
	Daily Precip.	0.1mm	5	4	8	13	8	12	8	10	13	10	7	5	103	
		10.0mm	2	2	3	7	3	3	3	2	6	3	1	3	38	
		30.0mm		1	1	5	3	1	2	1	4	3		1	22	
		80.0mm									1				1	
		100.0mm									1				1	
60 - Minute Max. Precip.	1.0mm				12	6	8	7	7	11	6			57		
	6.0mm				6	2	1	3	3	4	3			22		
	10.0mm				1	2	1	2		2	2			10		
	20.0mm									2				1		
10 - Minute Max. Precip.	0.1mm															
	1.0mm															
	6.0mm															
	10.0mm															
15.0mm																
Daily Max. New Snowfall	0.1cm															
	5.0cm															
	10.0cm															
	15.0cm															
20.0cm																
Daily Max. Snow Depth	0.1cm	1												1		
	5.0cm															
	10.0cm															
	20.0cm															
30.0cm																
Daily Min. Rel. Humid.	< 20%		1		1	1							1	4		
	< 30%	7	15	9	5	8						6	6	56		
	< 40%	18	20	19	13	15	1		2		3	11	15	117		
	< 50%	24	25	23	19	20	5		8	2	5	16	21	168		
	< 70%	29	27	27	24	26	17	18	30	16	20	26	28	288		
70%	2	2	4	6	5	13	13	1	14	11	4	3	78			
Daily Max. Wind speed	10knot	14	18	26	21	18	21	22	21	6	8	13	11	199		
	15knot	4	7	3	3	3	3	3	5	2	2	1	1	36		
	20knot		1	1	2	2		1	2		1	1	1	11		
	25knot				1	1					1			3		
	30knot										1			1		
	35knot										1			1		

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow	2	1											3	
	Sleet	1												1	
	Rain	6	4	12	14	14	14	10	12	18	13	8	7	132	
	Hail														
	Fog	4		4	6	2		1	1	3	6	7	2	36	
	Yellow Sand														
	Thunder Storm							1	6	4	3	1			15
	Clear	10	12	8	3	7	2	1	9	1	3	12	15	83	
	Partly Cloudy	10	8	7	6	5	3	9	10	5	2	5	8	78	
	Mostly Cloudy	9	7	14	16	17	23	14	12	15	24	13	6	170	
	Cloudy	2	2	2	5	2	2	7		9	2		2	35	
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10255	10253	10238	10161	10120	10120	10111	10103	10097	10167	10242	10240	
		2nd	10222	10217	10219	10165	10171	10075	10070	10064	10158	10220	10213	10261	
		3rd	10281	10292	10219	10131	10116	10093	10113	10049	10180	10208	10256	10258	
	Mean Temp. (0.1)	1st	10	-2	75	132	173	208	253	282	237	193	88	37	
		2nd	-9	51	71	138	177	236	252	292	215	163	112	23	
		3rd	-14	34	98	151	207	228	281	250	205	138	51	32	
	Mean Max.Temp. (0.1)	1st	99	79	132	201	227	262	289	341	284	244	163	121	
		2nd	65	114	139	195	258	284	298	357	256	225	183	100	
		3rd	43	99	163	216	277	270	334	309	252	181	116	95	
	Mean Min.Temp. (0.1)	1st	-55	-78	18	76	110	159	220	237	203	149	19	-35	
		2nd	-67	-11	6	77	95	188	215	243	179	114	50	-44	
		3rd	-72	-35	28	97	135	191	234	194	164	98	-3	-27	
	Mean D.P.Temp. (0.1)	1st	-34	-83	27	91	113	165	232	242	213	166	41	-19	
		2nd	-77	-5	5	80	119	200	221	246	189	138	76	-33	
		3rd	-80	-50	33	103	148	199	238	195	183	109	-6	-19	
	Mean Rel. Humid. (%)	1st	77	60	76	81	72	79	90	81	88	87	76	72	
		2nd	66	71	69	72	74	83	84	79	87	87	83	72	
		3rd	66	59	69	77	73	89	79	75	89	84	71	74	
	Mean Wind Speed (0.1knot)	1st	29	38	50	44	64	45	54	39	36	45	47	34	
		2nd	46	48	42	59	45	48	39	38	49	32	35	35	
		3rd	49	50	49	47	40	43	50	57	35	45	45	50	
	Total Precip. (0.1mm)	1st	3		623	949	758	123	1277	181	1650	983	3	0	
		2nd	10	683	268	796	96	189	123	221	1822	475	391	139	
		3rd	406	68	18	841	320	749	0	423	518	123	35	545	
Mean Cloud Amount (oktas)	1st	2.8	1	4.5	5.8	5.3	5.4	6.3	3.8	6	5.6	2.9	2.2		
	2nd	3.3	4.7	4.1	4.8	3.4	5.9	5.8	3.3	6	5.7	4.2	3.3		
	3rd	4.7	3.9	4.2	5.5	4.7	5.9	4.2	4.4	6.4	6	3.8	3.9		

Element		1	2	3	4	5	6	7	8	9	10	11	12			
(0.1hPa)	Air Press.	Mean Station	10243	10242	10210	10130	10114	10072	10072	10051	10118	10175	10219	10241	10157	
		Mean Sea Level	10256	10254	10222	10142	10126	10083	10083	10062	10129	10187	10231	10253	10169	
		Highest	10350	10377	10312	10253	10236	10139	10156	10118	10219	10317	10348	10352	10377	
		Date	01	25	01	19	14	06	06	01	21	30	29	30	02/25	
		Lowest	10123	10029	10086	9949	9947	9967	9982	9955	10003	10011	10118	10103	10103	9947
		Date	18	13	18	16	03	24	16	31	01	05	19	22	05/03	
(0.1)	Air Temp.	Mean	14	32	71	135	184	222	262	274	226	170	94	48	144	
		Mean Max.	49	74	121	190	237	260	298	319	269	207	138	92	188	
		Mean Min.	- 18	- 10	24	90	135	193	233	236	190	136	51	5	105	
		Highest	124	196	206	248	294	293	334	350	308	304	212	176	350	
		Date	03	13	05	26	21	11	30	20	27	04	06	21	08/20	
		Lowest	- 87	- 61	- 39	48	92	145	201	173	150	59	- 2	- 44	- 87	
Date	24	02	02	01	08	05	18	28	23	30	26	30	01/24			
(0.1) Mean D.P.Temp.		- 22	- 13	28	96	142	200	239	242	200	130	45	3	108		
Rel. Humid.	(%)	Mean	79	74	77	81	79	88	89	84	87	79	74	75	81	
		Lowest	40	32	28	25	27	47	57	34	45	24	29	22	22	
		Date	16	10	12	05	21	25	30	24	25	30	29	11	12/11	
(0.1mm)	Precip.	00-24h Total	388	315	570	1880	1080	790	1965	580	2100	2085	475	345	12573	
		Highest	1 Daily	95	235	370	560	235	435	785	320	1405	515	95	150	1405
			Date	29	12	05	27	10	24	03	03	17	05	14	21	09/17
		1 60 - Minute	Date				95	70	145	335	225	625	165			625
			Date				27	24	24	03	03	17	08			09/17
		10 10 - Minute	Date				20	45	75	155	125	135	60			155
			Date				27	02	24	01	03	17	16			07/01
		2 2 - Day	Date	170	270	385	700	385	1150	185	1590	585	165	175	1590	
			Date	28 - 29	12 - 13	04 - 05	26 - 27	02 - 03	02 - 03	26 - 27	16 - 17	04 - 05	13 - 14	21 - 22	09/16 - 09/17	
		3 3 - Day	Date	143	290		805		1550	210	1635	1295		180	1635	
Date	23 - 25		11 - 13		26 - 28		01 - 05	26 - 28	16 - 19	30 - 05		21 - 23	09/16 - 09/19			
(knot)	Wind	Mean Speed	7.7	8.1	7.0	6.4	6.7	5.6	6.3	5.8	5.4	6.9	7.2	7.9	6.8	
		Highest Speed	30	25	23	32	25	17	20	22	16	25	22	26	32	
		Highest Dir.	NNW	NW	N	WSW	SSE	WSW	SSW	NW	E	N	N	SW	WSW	
		Date	24	29	10	17	03	24	01	30	17	09	08	22	04/17	
		Highest Gust Speed	41	39	31	46	37	27	29	34	23	33	30	37	46	
		Highest Gust Dir.	NW	NW	N	W	SSE	WSW	SSW	NW	E	N	N	SW	W	
		Date	19	29	10	17	03	24	01	30	17	09	22	22	04/17	
		Resultant Speed	5	4	3	1	1	1	3	3	2	4	4	5	2	
		Resultant Dir.	N	NNW	N	NW	W	SW	S	NNW	NE	NNE	NNE	N	N	
		Cloud (oktas)	Amount	Mean												
Ceiling (Min.)	(100ft)Height															
Snow (0.1cm)	Highest	Snow Depth														
		Snowfall														
(0.01hr) Dur. of Precip.																
(0.01hr) Dur. of Fog																
(0.01 hr)	For Visibility Dur. of Fog	< 0.1km														
		0.1 ~ 0.2km														
		0.2 ~ 0.4km														
		0.4 ~ 0.6km														
		0.6 ~ 0.8km														
		0.8 ~ 1.0km														
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	17	9	14	11	6	6	5	12	12	22	14	13	22	
		NE	11	10	9	11	7	6	8	8	11	12	11	9	12	
		ENE	9	8	12	8	9	11	7	8	14	11	9	9	14	
		E	7	8	10	15	11	12	9	11	15	12	10	10	15	
		ESE	9	17	10	12	13	11	13	9	10	12	9	14	17	
		SE	2	16	7	19	16	14	16	6	8	12	11	15	19	
		SSE	4	14	15	26	22	11	15	6	13	19	10	13	26	
		S	4	17	16	22	18	14	15	8	14	15	8	16	22	
		SSW	4	20	18	25	13	15	18	12	14	7	11	14	25	
		SW	6	20	16	25	19	16	14	11	4	14	10	24	25	
		WSW	8	14	9	29	17	12	10	13	8	2	12	2	29	
		W	7	19	10	30	20	14	10	17	8	7	9	16	30	
		WNW	20	18	10	26	8	9	8	21	8	9	6	15	26	
		NW	25	24	12	16	16	13	10	18	11	15	11	19	25	
NNW	22	23	21	13	16	15	10	15	12	18	16	22	23			
(knot)	N	16	18	22	8	14	10	6	16	12	23	21	20	23		

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Wind Directions Only	Hourly Occurrence Percentage (0.1%)	CALM	7	4	3	3	3	10	1	1	3	1			3
		NNE	109	22	35	31	12	18	7	35	68	114	68	74	50
		NE	81	35	38	35	16	42	16	34	90	103	83	79	54
		ENE	65	50	40	67	52	63	34	112	122	122	93	74	74
		E	116	101	145	113	109	78	74	191	200	176	210	159	139
		ESE	39	71	46	36	42	43	87	65	64	46	58	46	53
		SE	8	26	22	49	52	51	91	19	32	28	29	19	36
		SSE	13	22	16	31	87	42	56	4	8	30	13	9	28
		S	9	53	67	49	67	118	172	9	28	17	17	32	53
		SSW	9	26	38	60	42	83	110	15	29	5	17	19	38
		SW	19	33	22	35	28	44	71	17	13	3	15	11	26
		WSW	9	17	15	35	16	36	50	24	18	3	8	4	20
		W	11	46	34	61	85	71	52	54	22	8	32	12	41
		WNW	77	47	35	75	43	63	42	65	25	13	19	35	45
NW	114	106	75	114	117	76	62	129	58	15	39	89	83		
NNW	110	180	153	115	142	96	51	134	122	108	78	171	122		
N	204	161	218	94	89	67	23	93	97	207	221	168	137		
Number of Days With Classified	Daily Max. Temp.	< 0.0	4												4
		10.0	2	8	21	30	31	30	31	31	30	31	21	14	280
	20.0			1	10	25	30	31	31	30	30	20	4	182	
	30.0							18	25	3	1			47	
	35.0								1					1	
	Daily Mean Temp.	< -5.0	2												2
		< 0.0	7	4										2	13
		10.0		3	7	30	31	30	31	31	30	30	14	2	239
		20.0					8	29	31	31	29	5			133
	Daily Min. Temp.	25.0							22	26	3				51
		-20.0													7
		-15.0													7
		-5.0	5	2											7
		< 0.0	21	21	8								2	15	67
	Daily Min. Vis.	10.0		1	1	9	28	30	31	31	30	28	4		193
		20.1						12	31	29	10	1			83
		25.1							5	5					10
		< 0.1km													
		0.1 - 0.2km													
		0.2 - 0.4km													
	Daily Precip.	0.4 - 0.6km													
		0.6 - 0.8km													
		0.8 - 1.0km													
		0.1mm	7	5	4	10	9	7	8	7	10	13	11	7	98
		10.0mm		1	2	7	5	3	5	2	3	7		1	36
	60 - Minute Max. Precip.	30.0mm			1	2		1	2	1	2	3			12
		80.0mm									1				1
		100.0mm									1				1
1.0mm					9	9	5	7	6	8	11			55	
10 - Minute Max. Precip.	6.0mm				4	3	2	6	2	2	8			27	
	10.0mm						1	3	1	2	2			9	
	20.0mm							1	1	1				3	
	30.0mm							1		1				2	
Daily Max. New Snowfall	0.1mm				10	9	7	8	7	10	13			64	
	1.0mm				8	6	4	7	3	4	10			42	
	6.0mm						1	3	1	1	1			7	
	10.0mm							2	1	1				4	
Daily Max. Snow Depth	15.0mm							1						1	
	0.1cm														
	5.0cm														
	10.0cm														
Daily Min. Rel. Humid.	15.0cm														
	20.0cm														
	< 20%				1	2	2				1	1	1	8	
	< 30%				7	7	5			1	2	4	1	31	
	< 40%	7	11	12	13	11	1			2	4	6	10	85	
Daily Max. Wind speed	< 50%	26	27	26	24	25	17	13	27	20	25	27	28	285	
	< 70%	5	2	5	6	6	13	18	4	10	6	3	3	81	
	70%	22	26	24	27	26	19	23	28	19	22	24	24	284	
	10knot	15	17	10	7	9	4	6	4	3	10	9	15	109	
Daily Max. Wind speed	15knot	4	7	4	2	3		1	1		2	2	5	31	
	20knot	2	1		2	1					2		1	9	
	25knot	1			1									2	
	30knot														
	35knot														

Element		1	2	3	4	5	6	7	8	9	10	11	12	
Number of Days With Phenomena	Snow													
	Sleet													
	Rain													
	Hail													
	Fog													
	Yellow Sand													
	Thunder Storm													
	Clear													
	Partly Cloudy													
	Mostly Cloudy													
	Cloudy													
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10255	10258	10233	10152	10109	10106	10093	10090	10084	10156	10236	10242
		2nd	10226	10213	10215	10152	10160	10064	10057	10057	10139	10208	10201	10255
		3rd	10283	10296	10218	10121	10109	10080	10097	10042	10164	10196	10257	10260
	Mean Temp. (0.1)	1st	40	7	67	122	168	208	250	281	240	196	100	54
		2nd	12	57	63	136	178	227	250	287	223	167	121	53
		3rd	-9	33	81	146	204	232	283	256	214	149	59	39
	Mean Max.Temp. (0.1)	1st	79	53	112	183	214	247	281	329	284	230	147	103
		2nd	47	97	113	185	237	267	286	332	262	211	168	94
		3rd	26	72	136	201	257	265	324	297	260	184	98	81
	Mean Min.Temp. (0.1)	1st	4	-38	26	77	119	174	227	244	202	164	56	2
		2nd	-21	12	17	92	125	196	221	247	188	130	74	14
		3rd	-35	-3	28	102	159	208	250	218	179	116	22	0
	Mean D.P.Temp. (0.1)	1st	2	-39	31	80	129	181	240	255	213	164	49	8
		2nd	-33	20	14	100	140	205	225	254	201	130	80	4
		3rd	-34	-20	39	107	156	213	252	219	187	100	6	-1
	Mean Rel. Humid. (%)	1st	78	74	79	80	80	86	95	88	86	84	73	74
		2nd	74	78	74	82	81	89	87	84	89	81	79	73
		3rd	84	70	77	81	77	90	84	82	86	74	70	76
	Mean Wind Speed (0.1knot)	1st	59	64	87	54	87	49	66	44	57	83	74	70
		2nd	91	100	60	81	63	60	57	51	56	49	63	76
		3rd	80	79	64	57	52	60	65	76	50	75	81	89
	Total Precip. (0.1mm)	1st	0	0	440	390	645	120	1550	335	5	1355	110	10
		2nd	75	295	130	375	195	150	415		1675	430	285	65
		3rd	313	20		1115	240	520	0	245	420	300	80	270
Mean Cloud Amount (oktas)	1st													
	2nd													
	3rd													

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Element		1	2	3	4	5	6	7	8	9	10	11	12			
(0.1hPa)	Air Press.	Mean Station	10226	10227	10197	10124	10108	10069	10072	10044	10115	10168	10208	10226	10149	
		Mean Sea Level	10239	10240	10210	10137	10121	10082	10084	10056	10128	10181	10221	10239	10162	
		Highest	10337	10363	10300	10243	10243	10142	10155	10113	10216	10297	10329	10334	10363	
		Date	01	25	01	20	14	10	06	01	21	30	29	30	02/25	
		Lowest	10091	10020	10085	9948	9947	9954	9991	9922	10008	9911	10120	10083	9911	
	Date	18	13	18	17	03	24	14	30	01	05	19	22	10/05		
(0.1)	Air Temp.	Mean	21	41	90	148	193	224	261	280	229	177	103	55	152	
		Mean Max.	65	93	144	203	249	265	304	338	266	217	152	105	200	
		Mean Min.	- 16	- 4	39	101	138	191	230	238	198	143	56	8	110	
		Highest	164	161	208	261	318	306	356	381	318	285	204	194	381	
		Date	03	13	30	14	30	17	31	12	01	03	05	22	08/12	
		Lowest	- 95	- 43	- 46	64	81	144	201	173	159	74	7	- 42	- 95	
	Date	24	07	01	01	17	02	03	28	21	30	25	28	01/24		
(0.1) Mean D.P.Temp.		- 61	- 53	6	85	120	182	227	218	188	129	35	- 16	88		
Rel. Humid.	(%)	Mean	57	53	59	69	66	78	82	71	79	75	66	63	68	
		Lowest	20	23	21	19	23	28	54	31	46	32	21	14	14	
		Date	12	09	28	01	04	02	31	31	20	09	16	10	12/10	
(0.1mm)	Precip.	00-24h Total	483	592	1319	2855	1195	1285	1820	295	3015	1450	940	1110	16359	
		Highest	1 Daily	262	390	336	510	450	690	600	290	1800	695	330	650	1800
			Date	28	12	04	21	03	24	03	28	17	05	18	21	09/17
		1	60 - Minute				115	120	315	215	45	530	175			530
			Date				16	03	24	12	28	17	05			09/17
		10	10 - Minute				35	40	125	80	20	130	45			130
			Date				17	15	24	12	28	17	05			09/17
		2	2 - Day	410	566	665	510	485	175	900		1810	235	455	760	1810
			Date	28 - 29	12 - 13	04 - 05	16 - 17	02 - 03	19 - 20	02 - 03		16 - 17	07 - 08	13 - 14	21 - 22	09/16 - 09/17
		3	3 - Day	412		682	500		305	1350		1815	610			1815
Date	28 - 30			03 - 06	26 - 28		18 - 20	01 - 05		16 - 18	28 - 03			09/16 - 09/18		
(knot)	Wind	Mean Speed	8.1	8.7	6.2	6.1	5.9	5.4	5.5	5.9	5.2	6.2	6.8	7.8	6.5	
		Highest Speed	28	24	22	31	32	18	25	28	17	31	31	30	32	
		Highest Dir.	WNW	W	S	NW	S	NW	SSW	NW	S	NNE	NW	NW	S	
		Date	19	14	05	17	03	24	01	31	01	05	08	27	05/03	
		Highest Gust Speed	37	33	31	54	51	31	46	46	32	59	41	46	59	
		Highest Gust Dir.	WNW	W	S	WNW	S	NW	SSW	WNW	NE	NE	NW	NNW	NE	
		Date	19	13	05	17	03	25	01	31	19	05	08	15	10/05	
		Resultant Speed	7	7	3	1	1	2	3	1	2	3	5	6	2	
		Resultant Dir.	WNW	WNW	W	SW	WSW	S	S	NW	NE	NNE	NNW	NW	WNW	
		Cloud (oktas)	Amount	Mean												
Ceiling (Min.)	(100ft)Height															
Snow (0.1cm)	Highest	Snow Depth														
		Snowfall														
		Date														
(0.01hr) Dur. of Precip.																
(0.01hr) Dur. of Fog																
(0.01 hr)	For Visibility Dur. of Fog	< 0.1km														
		0.1 ~ 0.2km														
		0.2 ~ 0.4km														
		0.4 ~ 0.6km														
		0.6 ~ 0.8km														
		0.8 ~ 1.0km														
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	4	4	8	4	5	6	4	7	12	4	5	5	12	
		NE	7	7	9	5	8	8	4	11	16	26	6	4	26	
		ENE	13	9	9	12	8	9	7	12	13	15	11	7	15	
		E	13	8	9	15	11	13	10	16	11	14	11	8	16	
		ESE	4	4	4	8	8	5	5	8	5	7	5	6	8	
		SE	2	5	5	13	6	7	7	5	4	7	4	3	13	
		SSE	4	17	16	16	14	14	14	14	9	5	5	3	17	
		S	6	17	20	22	29	16	15	13	13	7	8	6	29	
		SSW	12	8	18	23	14	10	24	11	15	7	9	18	24	
		SW	12	11	15	15	13	11	13	11	10	5	10	12	15	
		WSW	14	16	11	15	12	12	12	9	12	8	11	15	16	
		W	15	18	12	22	20	12	9	19	6	7	8	14	22	
		WNW	25	21	17	23	19	13	8	19	8	16	12	22	25	
		NW	21	21	20	26	23	15	10	25	11	25	29	29	29	
NNW	15	19	11	17	17	10	9	14	9	26	24	28	28			
(knot)	N	10	7	8	6	16	9	6	14	8	7	10	8	16		

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2016

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Wind Directions Only	Hourly Occurrence Percentage (0.1%)	CALM	51	36	86		1	6	3	1	1		1		16	
		NNE	13	10	27	21	27	17	28	43	36	28	19	22	24	
		NE	9	1	24	19	16	46	13	31	81	40	28	9	27	
		ENE	44	16	18	85	34	51	34	85	181	155	58	24	65	
		E	32	14	55	129	116	108	98	124	158	202	106	42	99	
		ESE	7	10	11	38	24	15	19	13	15	22	28	32	19	
		SE	4	10	15	19	11	13	16	12	7	11	14	11	12	
		SSE	3	23	66	43	47	50	63	28	8	5	10	7	29	
		S	12	29	93	138	153	251	250	120	60	24	17	20	97	
		SSW	9	22	30	51	56	53	101	30	42	19	18	19	37	
		SW	28	37	49	31	28	39	67	23	26	7	24	11	31	
		WSW	22	52	28	39	36	33	56	12	15	8	15	31	29	
		W	132	112	57	40	75	58	42	58	25	12	31	46	57	
		WNW	402	399	210	81	87	71	60	83	63	52	67	97	139	
NW	191	149	151	146	132	83	59	184	146	266	331	368	184			
NNW	24	49	36	81	93	53	40	89	71	103	182	200	85			
N	15	30	44	40	63	53	50	65	65	46	54	60	49			
Number of Days With Classified		< 0.0	2												2	
		10.0	4	12	27	30	31	30	31	31	30	31	28	18	303	
		20.0														
		30.0			3	17	29	30	31	31	29	23	1		194	
		35.0					2	1	19	27	5				54	
										2	12					14
		< -5.0	1													1
		< 0.0	7	3												10
		10.0		2	14	30	31	30	31	31	30	31	16	3		249
		20.0					12	28	31	30	29	7				137
		25.0								24	26	6				56
		-20.0														
		-15.0														
		-5.0	4													4
		< 0.0	20	19	5										15	59
		10.0		1	1	13	28	30	31	31	30	28	5			198
		20.1						10	31	27	14	2				84
		25.1								4	12					16
		< 0.1km														
		0.1 - 0.2km														
		0.2 - 0.4km														
		0.4 - 0.6km														
		0.6 - 0.8km														
		0.8 - 1.0km														
0.1mm	8	5	9	12	8	9	7	2	10	10	6	5		91		
10.0mm	2	2	4	7	3	4	4	1	4	3	3	4		41		
30.0mm		1	3	5	2	1	4		3	2	1	1		23		
80.0mm									1					1		
100.0mm									1					1		
1				12	8	8	7	1	6	7				49		
6.0mm				5	3	3	4		3	2				20		
10.0mm				2	1	3	4		2	1				13		
20.0mm						1	2		1					4		
30.0mm							1		1					2		
10				12	8	9	7	2	10	10				58		
1.0mm				9	8	5	6	1	4	7				40		
6.0mm						1	4		1					6		
10.0mm						1			1					2		
15.0mm									1							
0.1cm																
5.0cm																
10.0cm																
15.0cm																
20.0cm																
0.1cm																
5.0cm																
10.0cm																
20.0cm																
30.0cm																
< 20%					1								1	2		
< 30%	6	14	11	8	8	1						5	7	60		
< 40%	17	21	21	15	17	1			4		4	12	14	126		
< 50%	25	25	25	20	21	6			17	4	7	17	22	189		
< 70%	30	28	28	25	26	20	20	31	20	27	26	28	28	309		
70%	1	1	3	5	5	10	11		10	4	4	3		57		
10knot	26	28	29	27	27	28	30	28	17	18	23	23		304		
15knot	18	18	12	13	10	4	6	5	3	8	10	15		122		
20knot	5	13	3	2	4		1	2		4	6	12		52		
25knot	1			2	2		1	1		1	6	6		20		
30knot				1	1					1	1	1		5		
35knot																

Element		1	2	3	4	5	6	7	8	9	10	11	12	
Number of Days With Phenomena	Snow													
	Sleet													
	Rain													
	Hail													
	Fog													
	Yellow Sand													
	Thunder Storm													
	Clear													
	Partly Cloudy													
	Mostly Cloudy													
	Cloudy													
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10240	10240	10223	10145	10106	10105	10096	10087	10080	10150	10227	10227
		2nd	10208	10204	10203	10151	10157	10062	10056	10049	10140	10202	10196	10245
		3rd	10267	10280	10204	10115	10101	10079	10100	10035	10163	10190	10241	10246
	Mean Temp. (0.1)	1st	47	21	81	142	176	212	251	287	245	202	107	63
		2nd	14	61	82	143	184	233	252	299	225	178	130	52
		3rd	2	42	105	160	216	229	279	258	216	153	71	48
	Mean Max.Temp. (0.1)	1st	98	75	132	201	223	256	287	344	288	243	162	123
		2nd	61	111	136	194	249	274	290	361	258	224	181	97
		3rd	38	94	163	213	274	267	331	313	252	187	112	97
	Mean Min.Temp. (0.1)	1st	4	-25	35	92	127	173	224	246	210	171	54	7
		2nd	-20	18	34	98	125	198	223	256	198	139	81	11
		3rd	-30	-6	48	114	160	202	241	216	185	123	32	8
	Mean D.P.Temp. (0.1)	1st	-36	-91	12	81	107	158	230	236	203	161	36	-20
		2nd	-69	-11	-1	76	115	196	215	234	183	134	75	-10
		3rd	-76	-58	7	97	137	192	235	187	179	97	-5	-18
	Mean Rel. Humid. (%)	1st	57	45	65	71	67	73	88	76	79	79	64	59
		2nd	56	63	58	67	68	81	81	70	79	77	72	66
		3rd	58	50	54	69	64	81	78	67	81	70	61	65
	Mean Wind Speed (0.1knot)	1st	67	97	68	50	71	52	60	44	50	67	74	71
		2nd	90	78	57	77	56	57	54	52	61	43	49	75
		3rd	87	88	62	58	49	52	52	77	44	76	80	87
	Total Precip. (0.1mm)	1st	29		985	895	825	90	1350	0	610	1035	0	
		2nd	29	567	314	950	110	320	470		1890	325	845	195
		3rd	425	25	20	1010	260	875		295	515	90	95	915
	Mean Cloud Amount (oktas)	1st												
		2nd												
		3rd												

Element		1	2	3	4	5	6	7	8	9	10	11	12			
(0.1hPa)	Air Press.	Mean Station	10218	10222	10186	10108	10095	10053	10053	10031	10093	10146	10194	10217	10135	
		Mean Sea Level	10251	10255	10219	10140	10127	10084	10084	10062	10124	10178	10226	10250	10167	
		Highest	10348	10383	10314	10254	10230	10136	10162	10119	10212	10312	10337	10345	10383	
		Date	01	25	01	19	14	06	06	01	21	30	29	30	02/25	
		Lowest	10116	10037	10081	9975	9960	9987	9986	9980	10021	9840	10117	10117	9840	
		Date	17	13	18	16	03	24	16	30	01	05	18	22	10/05	
(0.1)	Air Temp.	Mean	57	69	99	146	178	214	266	277	231	195	131	91	163	
		Mean Max.	77	97	132	185	216	244	297	304	254	221	161	121	192	
		Mean Min.	35	38	63	109	138	189	238	250	207	172	102	58	133	
		Highest	157	199	217	242	289	290	352	330	311	293	220	216	352	
		Date	02	12	05	26	15	24	27	04	01	02	14	21	07/27	
		Lowest	- 61	- 5	4	77	101	155	209	194	179	117	61	21	- 61	
	Date	24	15	01	15	17	03	10	28	23	30	24	31	01/24		
(0.1) Mean D.P.Temp.		- 13	- 19	23	96	119	179	223	217	188	143	62	19	103		
Rel. Humid.	(%)	Mean	62	55	61	74	71	81	78	71	77	73	64	62	69	
		Lowest	36	25	25	25	23	26	42	44	47	32	33	32	23	
		Date	11	28	29	24	17	03	27	29	01	30	09	12	05/17	
(0.1mm)	Precip.	00-24h Total	1045	365	860	1105	1150	1420	980	1015	1460	2070	550	555	12575	
		Highest	1 Daily	335	195	240	235	265	450	505	405	545	950	145	235	950
			Date	17	12	09	13	10	29	12	28	28	05	26	26	10/05
		1 60 - Minute	Date				175	155	160	110	290	95	265			290
			Date				13	24	29	12	19	28	05			08/19
		10 10 - Minute	Date				60	55	50	70	90	30	55			90
			Date				13	24	29	12	19	30	05			08/19
		2 2 - Day	Date	560	310	410	250	290	520	555	510	690	1105	180	245	1105
			Date	28 - 29	12 - 13	08 - 09	03 - 04	28 - 29	28 - 29	11 - 12	27 - 28	28 - 29	04 - 05	13 - 14	26 - 27	10/04 - 10/05
		3 3 - Day	Date	575	315			340	660	595		880	930		250	930
Date	28 - 30		12 - 14			27 - 29	20 - 23	10 - 13		26 - 30	26 - 01		25 - 27	09/26 - 10/01		
(knot)	Wind	Mean Speed	9.9	9.7	6.9	7.7	6.6	6.5	6.7	8.2	8.1	8.9	8.0	8.4	8.0	
		Highest Speed	31	27	25	37	28	28	32	25	22	52	22	27	52	
		Highest Dir.	NW	SSW	SSW	SSW	S	E	SW	W	E	N	E	SW	N	
		Date	24	12	05	16	03	04	02	31	29	05	21	22	10/05	
		Highest Gust Speed	52	41	37	56	45	38	49	35	34	78	33	46	78	
		Highest Gust Dir.	NNW	NNW	SSW	SW	S	E	SW	W	SW	NNE	N	SW	NNE	
		Date	24	15	05	16	03	04	02	31	17	05	08	22	10/05	
		Resultant Speed	6	6	2	1	1	1	0	4	5	5	3	4	2	
		Resultant Dir.	NNW	NW	NNW	ENE	N	ENE	NE	NE	E	ENE	NNE	NNW	NNE	
		(oktas)	Cloud	Amount	6.4	5.3	4.3	5.3	5	6.3	4.8	3.2	5.8	6	4.9	5.2
Ceiling	5			7	5	5	7	5	5	5	5	5	5	5	5	
(100ft)Height	CU			SC	ST	ST	ST	ST	ST	SC	SC	ST	SC	SC	ST	
(0.1cm)	Snow	Snow Depth	130												130	
		Date	24												01/24	
		Snowfall	130												130	
		Date	23												01/23	
	Total	173												173		
(0.01hr) Dur. of Precip.		17677	11313	6960	13283	12927	12450	8112	3185	14277	11673	7285	10050	129192		
(0.01hr) Dur. of Fog			212	15	1783	202	3823	535						6570		
(0.01 hr)	For Visibility	Dur. of Fog	< 0.1km													
			0.1 ~ 0.2km													
			0.2 ~ 0.4km						1082							1082
			0.4 ~ 0.6km				375		758							1133
			0.6 ~ 0.8km			15	288		650	22						975
	0.8 ~ 1.0km		37		505	137	613	163						1455		
Wind Directions Only	Hourly Occurrence Maximum Speed	NNE	16	10	14	15	11	9	8	15	9	45	12	8	45	
		NE	9	11	19	15	9	8	12	13	13	38	13	8	38	
		ENE	19	12	18	22	20	18	17	22	18	33	21	12	33	
		E	22	10	13	28	20	27	18	19	22	31	21	14	31	
		ESE	7	21	8	22	14	25	7	10	12	13	11	9	25	
		SE	9	11	8	7	5	14	7	9	8	11	8	7	14	
		SSE	6	6	7	4	8	5	5	4	8	5	7	7	8	
		S	7	15	19	11	24	6	8	7	10	6	8	8	24	
		SSW	9	18	20	25	24	23	16	16	15	19	8	23	25	
		SW	9	20	22	33	22	10	31	16	22	21	18	26	33	
		WSW	8	24	11	27	23	22	23	15	14	23	17	11	27	
		W	13	20	12	27	22	17	16	22	11	14	20	20	27	
		WNW	23	17	10	13	10	9	8	19	7	17	11	19	23	
		NW	29	22	11	8	13	7	7	18	8	42	18	22	42	
		NNW	29	21	14	7	17	6	4	14	7	12	17	23	29	
		(knot)	N	19	17	18	14	12	9	7	12	5	44	20	16	44

Element		1	2	3	4	5	6	7	8	9	10	11	12			
Wind Directions Only	Hourly Occurrence Percentage (0.1%)	CALM	1	3	6	1	3	3							1	
		NNE	50	34	58	29	52	61	74	51	54	65	61	55	54	
		NE	26	23	43	42	50	68	112	52	47	34	39	31	47	
		ENE	30	16	55	92	122	100	140	185	201	102	58	42	96	
		E	52	14	38	163	94	178	95	164	257	285	122	44	126	
		ESE	12	24	34	26	27	40	42	54	103	103	46	20	44	
		SE	19	26	34	14	19	11	24	12	51	56	33	22	27	
		SSE	17	17	31	10	17	14	11	11	36	24	40	44	23	
		S	59	66	94	38	42	19	35	78	49	31	99	99	59	
		SSW	44	23	66	39	55	24	48	63	38	24	28	60	43	
		SW	32	34	65	76	67	36	78	27	44	13	17	30	43	
		WSW	24	57	24	74	60	88	58	17	22	24	13	24	40	
		W	36	69	67	146	137	175	130	44	31	39	64	44	82	
		WNW	95	59	47	88	58	58	46	48	13	17	39	30	50	
NW	192	203	71	46	87	47	42	77	25	19	31	125	80			
NNW	137	211	110	40	52	29	15	48	17	48	115	212	86			
N	173	121	161	74	58	49	48	67	13	114	196	116	99			
Number of Days With Classified	Daily Max. Temp.	< 0.0														
		10.0	8	12	25	30	31	30	31	31	30	31	28	20	307	
		20.0				2	11	23	29	31	31	30	25	7	2	191
		30.0								15	23	1				39
	Daily Mean Temp.	35.0							1							1
		< -5.0														
		< 0.0	2													2
		10.0	3	5	16	30	31	30	31	31	30	31	24	13		275
	Daily Min. Temp.	20.0					5	22	31	31	30	11				130
		25.0							21	27	3					51
		-20.0														
		-15.0														
	Daily Min. Temp.	-5.0	1													1
		< 0.0	5	1												6
		10.0		1	6	22	31	30	31	31	30	31	13	3		229
		20.1						8	31	30	24	5				98
	Daily Min. Vis.	25.1							8	21						29
		< 0.1km														
		0.1 - 0.2km														
		0.2 - 0.4km	2			1	1	6	1							11
	Daily Min. Precip.	0.4 - 0.6km	4	1		6			1	1						13
		0.6 - 0.8km			1	1			2	1			1			6
		0.8 - 1.0km				1										1
		0.1mm	7	5	8	10	12	13	9	7	16	13	9	9		118
Daily Max. Precip.	10.0mm	3	2	3	4	6	3	2	4	6	6	2	2		43	
	30.0mm	1						2	1	2	1	1			8	
	80.0mm														1	
	100.0mm															
60 - Minute Max. Precip.	1.0mm				10	10	10	7	7	12	12				68	
	6.0mm				3	4	4	2	3	3	4				23	
	10.0mm				1	3	3	1	1		2				11	
	20.0mm									1	1				2	
10 - Minute Max. Precip.	30.0mm															
	0.1mm				10	12	13	9	7	16	13				80	
	1.0mm				6	7	7	5	7	9	9				50	
	6.0mm				1			1	2						4	
Daily Max. New Snowfall	10.0mm															
	0.1cm	5													5	
	5.0cm	1													1	
	10.0cm	1													1	
Daily Max. Snow Depth	15.0cm															
	20.0cm															
	30.0cm															
	0.1cm	6													6	
Daily Min. Rel. Humid.	5.0cm	3													3	
	10.0cm	3													3	
	20.0cm															
	30.0cm															
Daily Min. Rel. Humid.	< 20%															
	< 30%		2	2	2	3	1								10	
	< 40%	2	12	9	4	7	1					1	4	4	44	
	< 50%	18	23	21	15	14	2	1	5	1	5	15	17	17	137	
Daily Max. Wind speed	< 70%	30	28	28	23	23	16	22	27	21	24	26	30	298		
	70%	1	1	3	7	8	14	9	4	9	7	4	1	68		
	10knot	25	27	24	23	22	22	22	22	22	27	27	26	289		
	15knot	15	18	9	14	13	14	13	18	17	17	14	15	177		
Daily Max. Wind speed	20knot	8	10	5	10	7	3	3	10	6	8	5	9	84		
	25knot	3	3	1	7	2	1	2	1		3		2	25		
	30knot	1			4			2			2			9		
	35knot				1						2			3		

Element		1	2	3	4	5	6	7	8	9	10	11	12		
Number of Days With Phenomena	Snow	5	8	1										2	16
	Sleet	6	6											3	15
	Rain	11	14	9	14	15	16	11	10	18	15	11	11		155
	Hail														
	Fog		1	1	8	1	9	3							23
	Yellow Sand				2	1							1		4
	Thunder Storm	1	1	1	1		2	3					1		10
	Clear		3	5	4	5		5	10	2	1	5	4		44
	Partly Cloudy	3	5	14	4	5	5	11	14	6	4	8	7		86
	Mostly Cloudy	24	18	9	13	15	14	9	6	14	22	15	17		176
	Cloudy	4	3	3	9	6	11	6	1	8	4	2	3		60
10 - Day Summary	Mean S.L.Press. (0.1hPa)	1st	10252	10257	10228	10148	10111	10103	10096	10085	10085	10146	10232	10242	
		2nd	10224	10214	10209	10152	10162	10066	10058	10057	10132	10201	10197	10251	
		3rd	10276	10297	10219	10120	10109	10083	10098	10044	10156	10186	10250	10257	
	Mean Temp. (0.1)	1st	83	54	99	136	174	197	259	280	241	216	133	95	
		2nd	50	87	92	149	171	220	253	289	232	198	156	94	
		3rd	40	65	106	152	189	225	284	262	221	173	105	83	
	Mean Max.Temp. (0.1)	1st	103	77	137	174	212	226	290	311	266	244	167	127	
		2nd	70	120	124	188	211	249	282	318	253	220	188	121	
		3rd	60	95	135	193	224	256	316	284	242	200	128	117	
	Mean Min.Temp. (0.1)	1st	61	30	60	104	134	173	229	253	214	192	103	60	
		2nd	28	51	56	107	123	193	228	260	208	175	120	59	
		3rd	19	34	73	115	157	202	255	238	200	151	84	56	
	Mean D.P.Temp. (0.1)	1st	4	-43	32	97	108	155	218	233	194	171	58	18	
		2nd	-28	13	18	92	112	186	217	223	185	143	98	23	
		3rd	-16	-27	18	101	137	196	234	198	185	116	31	15	
	Mean Rel. Humid. (%)	1st	58	51	65	79	68	78	80	76	76	77	62	60	
		2nd	58	61	62	70	70	82	81	68	76	71	70	62	
		3rd	68	54	57	74	73	84	75	69	81	70	61	63	
	Mean Wind Speed (0.1knot)	1st	71	83	76	54	75	76	88	71	52	94	87	71	
		2nd	108	111	60	90	68	50	62	62	97	65	67	79	
		3rd	117	97	73	87	57	69	52	111	94	106	85	100	
	Total Precip. (0.1mm)	1st	55	0	725	460	435	70	365	170	235	1420	115	0	
		2nd	335	315	135	450	165	330	615	335	325	50	230	85	
		3rd	665	50	0	195	550	1020	510	900	600	205	470		
Mean Cloud Amount (oktas)	1st	5.9	4.9	4.7	5.9	5.5	6.1	5.6	3.7	5.7	5.3	3.8	3.8		
	2nd	6.2	5.8	4.4	5	3.7	6	6.1	2.3	6.1	6.1	5	5.8		
	3rd	7.1	5.2	3.8	5	5.7	6.6	2.9	3.6	5.6	6.5	6.1	5.9		

