



GOVERNMENT OF INDIA
MINISTRY OF EARTH SCIENCE
INDIA METEOROLOGICAL DEPARTMENT

**VERIFICATION OF GALE/SQUALLY
WIND ASSOCIATED WITH
TROPICAL CYCLONES
OVER
NORTH INDIAN OCEAN**

Extremely Severe Cyclonic Storm “MOCHA” over Southeast Bay of Bengal (9-15 May, 2023)

Date/Base Time of observation	Gale/ Squally wind Forecast at 0300 UTC of date	Realised wind speed
08.05.2023/0300UTC	<p>Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph is likely to prevail over southeast Bay of Bengal, Andaman & Nicobar Islands and adjoining Andaman Sea on 8th May.</p> <p>Squally wind speed reaching 50-60 kmph gusting to 70 kmph is likely over southeast Bay of Bengal, Andaman & Nicobar Islands and adjoining Andaman Sea on 9th May.</p> <p>Gale wind speed reaching 60-70 kmph gusting to 80 kmph is likely over southeast and adjoining eastcentral Bay of Bengal, Andaman & Nicobar Islands and adjoining Andaman Sea on 10th & 11th May.</p> <p>Gale wind speed reaching 80-90 kmph gusting to 100 kmph is likely over eastcentral Bay of Bengal and 60-70 kmph gusting to 80 kmph over Andaman Sea and Andaman Islands on 12th May.</p>	<p>As per report from Department of Meteorology and Hydrology (DMH), Myanmar, Sittwe reported MSW of 120 mph (105 knots, 195 kmph) and Pauktaw & Myebon stations reported MSW of 100-120 mph (85-105 knots, 160-190 kmph) during 0700-0900 UTC.</p>
09.05.2023/0300UTC	<p>Andaman & Nicobar Islands: Squally wind speed reaching 45-55 kmph gusting to 65 kmph prevails on 9th May India Meteorological Department (Ministry of Earth Sciences) Squally wind speed reaching 50-60 kmph gusting to 70 kmph is very likely from evening of 9th May and 55-65 kmph gusting to 75 kmph on 10th & 11th May.</p> <p>Andaman Sea: Squally wind speed reaching 45-55 kmph gusting to 65 kmph prevails on 9th May. Squally wind speed reaching 50-60 kmph gusting to 70 kmph is very likely by morning of 10th May and 55-65 kmph gusting to 75 kmph is likely on 11th May.</p> <p>Southeast Bay of Bengal: Squally wind speed reaching 45-55 kmph gusting to 65 kmph prevails on 9th May. Squally wind</p>	

	<p>speed reaching 50-60 kmph gusting to 70 kmph is very likely from morning of 10th May. Gale wind speed reaching 70-80 kmph gusting to 90 kmph from 11th May morning becoming 80-90 kmph gusting to 100 kmph on 12th May. Squally wind speed reaching 50-60 kmph gusting to 70 kmph is very 13th May.</p> <p>Eastcentral Bay of Bengal: Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph is very likely on 9th May and 50-60 kmph gusting to 70 kmph on 10th May. Gale wind speed reaching 60-70 kmph gusting to 80 kmph from evening of 10th May. Gale wind speed reaching 80-100 kmph gusting to 120 kmph on 11th May becoming 130-140 kmph gusting to 150 kmph during 12th & 13th May.</p> <p>Westcentral Bay of Bengal: Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph is very likely on 9th May and 50-60 kmph gusting to 70 kmph on 10th May. Gale wind speed reaching 60-70 kmph gusting to 80 kmph becoming 80-90 kmph gusting to 100 kmph on 11th May. Gale wind speed reaching 100-110 kmph gusting to 120 kmph during 12th & 13th May.</p>	
10.05.2023/0300UTC	<p>Andaman & Nicobar Islands: Squally wind speed reaching 50-60 kmph gusting to 70 kmph is likely to prevail till 11th May.</p> <p>Andaman Sea: Squally wind speed reaching 50-60 kmph gusting to 70 kmph is likely to prevail over south Andaman Sea till 11th and 12th May over North Andaman Sea.</p> <p>Southeast Bay of Bengal: Squally wind speed reaching 50-60 kmph gusting to 70 kmph are prevailing and likely to become 60-70 kmph gusting to 80 kmph from today evening; Gale wind speed reaching 90-100 kmph gusting to 110 kmph from 11th morning and 120-130 kmph gusting to 140 kmph by 12th morning to afternoon and decrease thereafter becoming squally wind speed reaching 50-60 kmph gusting to 70</p>	

kmph on 13th May. **Adjoining southwest Bay of Bengal:** Squally wind speed reaching 45-55 kmph gusting to 65 kmph is likely during 10th and 11th May.

Eastcentral Bay of Bengal: Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph are prevailing and likely to become 60-70 kmph gusting to 80 kmph by 11th morning; Gale wind speed reaching 80-100 kmph gusting to 120 kmph on 11th evening, 130-140 kmph gusting to 150 kmph from 12th May evening and 140-150 kmph gusting to 165 kmph on 13th May forenoon, and then gradually decrease becoming 100-110 gusting to 120 by 14th May morning.

Westcentral Bay of Bengal: Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph is likely to prevail from 11th morning. It would gradually increase becoming gale wind speed reaching 60-70 kmph gusting to 80 kmph from 11th May evening; Gale wind speed reaching 110-120 kmph gusting to 130 kmph on 12th morning and becoming 90-100 kmph gusting to 110 kmph from 13th May morning and gradually decreases thereafter.

Northeast Bay of Bengal: Squally wind speed reaching 50-60 kmph gusting to 70 kmph is likely on 12th May. Gale wind speed reaching 70-80 gusting to 90 likely to commence from 13th morning and gradually increase and becoming 130-140 kmph gusting 150 kmph during 13th evening and night. Subsequently, it is likely to decrease to 120-130 kmph gusting to 140 kmph on 14th May forenoon and significantly decrease thereafter. **Northwest Bay of Bengal:** Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely from 13th May to 14th May forenoon and decrease thereafter.

Tripura, Mizoram & south Manipur: Squally wind speed reaching 45-55 kmph gusting to 65 kmph is very likely to prevail on 14th May.

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Andaman & Nicobar Islands: Squally wind speed reaching 50-60 kmph gusting to 70 kmph is likely to prevail on 11th May. ☹ Tripura, Mizoram & south Manipur: Squally wind speed reaching 50-60 kmph gusting to 70 kmph is very likely to prevail on 14th May.

Andaman Sea: Squally wind speed reaching 50-60 kmph gusting to 70 kmph is likely to prevail over North Andaman Sea till 12th May.

Southeast Bay of Bengal: Gale wind speed reaching 65-75 kmph gusting to 85 kmph is prevailing and likely to become 80-90 kmph gusting to 100 kmph from 11th May night. Gale wind speed reaching 100-110 kmph gusting to 120 kmph is likely by 12th May morning to evening and decrease thereafter becoming squally wind speed reaching 55- 65 kmph gusting to 75 kmph on 13th May.

Adjoining areas of southwest Bay of Bengal: Squally wind speed reaching 45-55 kmph gusting to 65 kmph is likely on 11th May.

Eastcentral Bay of Bengal: Squally weather with wind speed reaching 45-55 kmph gusting to 65 kmph is prevailing and likely to become gale wind speed reaching 80-90 kmph gusting to 100 kmph by 11th May evening; Gale wind speed reaching 110-120 kmph gusting to 135 kmph is likely on 12th May early morning, 130-140 kmph gusting to 155 kmph from 13th May morning and 140-150 kmph gusting to 165 kmph from 13th May evening till 14th May morning and gradually decrease thereafter.

Westcentral Bay of Bengal: Squally weather with wind speed reaching 50-60 kmph gusting to 70 kmph is prevailing and gradually increase becoming gale wind speed reaching 60-70 kmph gusting to 80 kmph from 11th May afternoon; Gale wind speed reaching 110-120 kmph gusting to 130 kmph is likely on 12th May morning and 120-130 gusting to 145 kmph on 12th May evening and decrease thereafter from

	<p>13th May morning. Gale wind speed reaching 100-110 kmph gusting to 120 kmph is likely on 13th May evening and significantly decreased thereafter.</p> <p>Northeast Bay of Bengal: Squally wind speed reaching 50-60 kmph gusting to 70 kmph is likely on 12th May. Gale wind speed reaching 80-90 kmph gusting to 100 kmph is likely to commence from 13th May morning and gradually increase and becoming 140-150 kmph gusting 165 kmph from 13th evening. Subsequently, it is likely to decrease gradually from 14th May noon after the land fall.</p> <p>Adjoining areas of Northwest Bay of Bengal: Squally wind speed reaching 55-65 kmph gusting to 75 kmph is likely on 13th May and 14th May forenoon and decrease gradually thereafter.</p>	
12.05.2023/0300UTC	<p>Andaman Islands: Squally wind speed reaching 50-60 kmph gusting to 70 kmph is likely to prevail on 12th May.</p> <p>Tripura, Mizoram & south Manipur: Squally wind speed reaching 50-60 kmph gusting to 70 kmph is very likely to prevail on 14th May.</p> <p>North Andaman Sea: Squally wind speed reaching 50-60 kmph gusting to 70 kmph is likely to prevail over North Andaman Sea on 12th May and 45-55 kmph gusting 55 kmph on 13th May.</p> <p>Southeast Bay of Bengal: Gale wind speed reaching 115-125 kmph gusting to 145 kmph is prevailing and likely to continue till evening and decrease thereafter becoming squally wind speed reaching 55- 65 kmph gusting to 75 kmph on 13th May.</p> <p>Adjoining areas of southwest Bay of Bengal: Squally wind speed reaching 50-60 kmph gusting to 70 kmph is likely to prevail till 13th May morning.</p> <p>Eastcentral Bay of Bengal: Gale wind speed reaching 120-130 kmph gusting to 145 kmph is prevailing over the region. It is very likely to increase becoming Gale wind speed reaching 140-150 kmph gusting to 165 kmph from 12th May evening and increase further</p>	

	<p>becoming 150-160 kmph gusting to 175 kmph till 13th May evening and gradually decrease thereafter.</p> <p>Westcentral Bay of Bengal: Gale wind speed reaching 120-130 kmph gusting to 145 kmph is likely to prevail over southeastern sector of the region till 13th May morning. It will decrease gradually becoming 90-100 kmph gusting to 110 kmph by 13th May evening and significantly decrease thereafter.</p> <p>Northeast Bay of Bengal: Squally wind speed reaching 55-65 kmph gusting to 75 kmph is likely from evening of 12th May becoming 70-80 gusting to 90 kmph from 13th May morning and would gradually increase becoming 150-160 kmph gusting 175 kmph from 13th night till 14th May noon. It is likely to decrease rapidly after the land fall.</p> <p>Adjoining areas of Northwest Bay of Bengal: Gale wind speed reaching 60-70 kmph gusting to 80 kmph is likely to prevail over southeast sector of the region and 45-55 kmph gusting to 65 kmph over the remaining areas of northwest Bay of Bengal from 13th May to 14th May forenoon and decrease gradually thereafter.</p>	
13.05.2023/0300UTC	<p>Tripura, Mizoram & south Manipur: Squally wind speed reaching 50-60 kmph gusting to 70 kmph is very likely to prevail on 14th May.</p> <p>North Andaman Sea: Squally wind speed reaching 45-55 kmph gusting to 65 kmph is likely to prevail till 14th May forenoon.</p> <p>Southeast Bay of Bengal: Gale wind speed reaching 115-125 kmph gusting to 145 kmph is prevailing and likely to continue till early morning of 13th May and decrease thereafter becoming squally wind speed reaching 55-65 kmph gusting to 75 kmph till 13th May evening.</p> <p>Adjoining areas of southwest Bay of Bengal: Squally wind speed reaching 50-60 kmph gusting to 70 kmph is likely to prevail till 13th May morning.</p>	

	<p>Eastcentral Bay of Bengal: Gale wind speed reaching 180-190 kmph gusting to 210 kmph is prevailing over the region. It is very likely to increase becoming 190-200 kmph gusting to 220 kmph till 13th May night and gradually decrease thereafter.</p> <p>Westcentral Bay of Bengal: Gale wind speed reaching 150-160 kmph gusting to 175 kmph is prevailing over the region and would continue over southeastern sector of the region till 13th May evening. It will decrease gradually becoming 90-100 kmph gusting to 110 kmph by 14th May morning and significantly decrease thereafter.</p> <p>Northeast Bay of Bengal: Gale wind speed reaching 80-90 kmph gusting to 100 kmph is prevailing and it would gradually increase becoming 190-200 kmph gusting 220 kmph from 13th evening till 14th May morning. It is likely to decrease thereafter to 150-160 kmph gusting to 175 kmph at the time of landfall. It is likely to decrease rapidly after the landfall.</p> <p>Adjoining areas of Northwest Bay of Bengal: Gale wind speed reaching 60-70 kmph gusting to 80 kmph is likely to prevail over southeast sector of the region and 45-55 kmph gusting to 65 kmph over the remaining areas of northwest Bay of Bengal from 13th May to 14th May forenoon and decrease gradually thereafter.</p>	
14.05.2023/0300UTC	<p>Tripura, Mizoram & south Manipur: Squally wind speed reaching 50-60 kmph gusting to 70 kmph is very likely to prevail on 14th May.</p> <p>Eastcentral Bay of Bengal: Gale wind speed reaching 110-120 kmph gusting to 130 kmph is prevailing over the region. It would decrease gradually to become 80-90 kmph gusting to 100 kmph till evening of 14th May. It would decrease rapidly thereafter.</p> <p>Adjoining areas of Westcentral Bay of Bengal: Squally wind speed reaching 40-50 gusting to 60 kmph would prevail by 14th</p>	

	<p>evening. Northeast Bay of Bengal: Gale wind speed reaching 200-210 kmph gusting to 230 kmph is prevailing and it would continue till 14th May noon. It is likely to decrease thereafter to 180-190 kmph gusting to 210 kmph at the time of landfall. It is likely to decrease rapidly after the landfall.</p> <p>Adjoining areas of Northwest Bay of Bengal: Gale wind speed reaching 60-70 kmph gusting to 80 kmph is prevailing over southeast sector of the region and 45-55 kmph gusting to 65 kmph over the remaining areas of northwest Bay of Bengal. It is likely to decrease rapidly after the landfall.</p>	
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Extremely Severe Cyclonic Storm “BIPARJOY” over Southeast Arabian Sea (6-19 June, 2023)

Date/Base Time of observation	Gale/ Squally wind Forecast at 0300 UTC of date	Realised wind speed																
06.06.2023/0300UTC	<p>6th June: Squally wind speed reaching 45-55 kmph gusting to 65 kmph is prevailing over southeast & adjoining east central Arabian Sea and it is likely to become Gale wind speed reaching 60-70 kmph gusting to 80 kmph from evening of today over Eastcentral Arabian Sea & adjoining southeast Arabian Sea. Squally wind speed reaching 35-45 kmph gusting to 55 kmph is likely over adjoining areas of southwest & westcentral Arabian Sea and along & off Kerala-Karnataka-Goa coasts, Lakshadweep-Maldives areas.</p> <p>7th June: Gale wind speed reaching 70-80 kmph gusting to 90 kmph is likely to prevail over eastcentral Arabian Sea and adjoining areas of southeast Arabian. It is likely to become 80-90 kmph gusting to 100 kmph from evening of 7th June over the same area Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely over adjoining areas of westcentral & south Arabian Sea and along & off north Kerala-Karnataka-Goa coasts.</p> <p>8th June: Gale wind speed reaching 90-100 kmph gusting to 110 kmph is likely to prevail over east central Arabian Sea and adjoining areas of westcentral & south Arabian and it is likely to become 95-105 kmph gusting to 115 kmph from evening of 8th June over the same area. Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely along & off Karnataka Goa-Maharashtra coasts.</p>	<p>Dwarka reported 130 kmph, Kandla 115 kmph, Sikka 111 kmph and Mundra Port 102 kmph. IMD had predicted MSW during landfall as 125-135 kmph gusting to 150 kmph since 0945 hours IST of 11th June (about 4 days and 15 hours prior to landfall) and 115-125 kmph gusting to 140 kmph along & off Saurashtra & Kutch districts since 0900 hrs IST of 15th June (about 15 hours prior to landfall)</p> <p>Place Maximum wind during landfall (kmph)</p> <table border="0"> <tr> <td>Dwarka</td> <td>130</td> </tr> <tr> <td>Kandla</td> <td>115</td> </tr> <tr> <td>Sikka</td> <td>111</td> </tr> <tr> <td>Mundra port</td> <td>102</td> </tr> <tr> <td>Navlakhi</td> <td>95</td> </tr> <tr> <td>Okha</td> <td>93</td> </tr> <tr> <td>Jakhau port</td> <td>93</td> </tr> <tr> <td>Dahej</td> <td>83</td> </tr> </table>	Dwarka	130	Kandla	115	Sikka	111	Mundra port	102	Navlakhi	95	Okha	93	Jakhau port	93	Dahej	83
Dwarka	130																	
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Dahej	83																	

	<p>9th June: Gale wind speed reaching 105-115 kmph gusting to 125 kmph is likely to prevail over eastcentral & adjoining westcentral Arabian Sea and it is likely to become 125-135 kmph gusting to 150 kmph from evening of 9th June over the same area. Squally wind speed reaching 50-60 kmph gusting to 70 kmph is likely over adjoining areas of South Arabian Sea. Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely along & off Karnataka Goa- Maharashtra coasts.</p> <p>10th June: Gale wind speed reaching 125-135 kmph gusting to 150 kmph is likely to prevail over eastcentral & adjoining areas of westcentral Arabian Sea. Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely over adjoining areas of south Arabian Sea and along & off north Karnataka-Goa- Maharashtra coasts</p>	<p>Bhavnagar 83 Jafrabad 78 Sartanpur 78 Porbandar 74 Hazira 74</p>
07.06.2023/0300UTC	<p>7th June: Gale wind speed reaching 105-115 kmph gusting to 125 kmph is prevailing over eastcentral Arabian Sea and adjoining areas of westcentral & southeast Arabian Sea. It is likely to increase and become 125-135 kmph gusting to 155 kmph during night of 7th June over the same area. Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph is likely over adjoining areas of south Arabian Sea and along & off north Kerala-Karnataka-Goa coasts.</p> <p>8th June: Gale wind speed reaching 130-140 kmph gusting to 155 kmph is likely to prevail over eastcentral Arabian Sea and adjoining areas of westcentral & south Arabian and it is likely to increase and become 135-145 kmph gusting to 160 kmph during night of 8th June over the same area. Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph is likely along & off Karnataka-Goa-Maharashtra coasts.</p>	

	<p>9th June: Gale wind speed reaching 135-145 kmph gusting to 160 kmph is likely to prevail over central Arabian Sea and it is likely to increase and become 145-155 kmph gusting to 170 kmph from evening of 9th June over the same area. Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely over adjoining areas of South Arabian Sea. Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph is likely along & off Karnataka-Goa-Maharashtra coasts.</p> <p>10th June: Gale wind speed reaching 145-155 kmph gusting to 170 kmph is likely to prevail over central Arabian Sea. Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely over adjoining areas of South Arabian Sea. Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph is likely along & off Karnataka-Goa-Maharashtra coasts.</p> <p>11th June: Gale wind speed reaching 135-145 kmph gusting to 160 kmph is likely to prevail over central & adjoining north Arabian Sea. Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph is likely along & off Maharashtra-Gujarat coasts.</p> <p>12th June: Gale wind speed reaching 125-135 kmph gusting to 150 kmph is likely to prevail over central & adjoining north Arabian Sea. Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph is likely along & off Maharashtra-Gujarat coasts.</p>	
08.06.2023/0300UTC	<p>8th June: Gale wind speed reaching 135-145 kmph gusting to 160 kmph is prevailing over eastcentral Arabian Sea and adjoining areas of westcentral Arabian Sea. It is likely to increase and become 145-155 kmph gusting to 170 kmph over the same area from night of 8th June over the same area. Gale wind speed reaching 90-100 kmph gusting to 110 kmph is likely to prevail over the adjoining areas of south Arabian Sea. Squally weather with wind speed reaching 35-45 kmph gusting to 55</p>	

	<p>kmph is likely along & off Karnataka-Goa-Maharashtra coasts.</p> <p>9th June: Gale wind speed reaching 145-155 kmph gusting to 170 kmph is likely to prevail over central Arabian Sea. Squally wind speed reaching 50-60 kmph gusting to 70 kmph is likely over adjoining areas of South Arabian Sea. Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph is likely along & off Karnataka-Goa-Maharashtra coasts.</p> <p>10th June: Gale wind speed reaching 145-155 kmph gusting to 170 kmph is likely to prevail over central Arabian Sea. Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely over adjoining areas of north & south Arabian Sea. Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph is likely along & off Goa-Maharashtra coasts.</p> <p>11th June: Gale wind speed reaching 135-145 kmph gusting to 160 kmph is likely to prevail over central & adjoining north Arabian Sea. Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph is likely along & off Maharashtra-Gujarat coasts.</p> <p>12th June: Gale wind speed reaching 130-140 kmph gusting to 155 kmph is likely to prevail over central & adjoining north Arabian Sea and become 125-135 kmph gusting to 150 kmph from evening of 12th June. Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph is likely along & off Maharashtra-Gujarat coasts.</p> <p>13th June: Gale wind speed reaching 115-145 kmph gusting to 160 kmph is likely to prevail over north & adjoining central Arabian Sea. Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph is likely along & off Maharashtra-Gujarat coasts.</p>	
09.06.2023/0300UTC	<p>9th June: Gale wind speed reaching 125-135 kmph gusting to 160 kmph is likely to prevail over eastcentral Arabian Sea and adjoining areas of westcentral Arabian Sea and become 145-155</p>	

	<p>kmph gusting to 170 kmph over the region from night. Squally wind speed reaching 50-60 kmph gusting to 70 kmph is likely over adjoining areas of South Arabian Sea.</p> <p>10th June: Gale wind speed reaching 145-155 kmph gusting to 170 kmph is likely to prevail over eastcentral & adjoining areas of westcentral Arabian Sea and 70-80 kmph gusting to 90 kmph likely to prevail over adjoining areas of northeast Arabian Sea.</p> <p>11th June: Gale wind speed reaching 135-145 kmph gusting to 160 kmph is likely to prevail over eastcentral & adjoining westcentral Arabian Sea and becoming 130-140 kmph gusting to 155 kmph over the region from evening.</p> <p>12th June: Gale wind speed reaching 125-135 kmph gusting to 150 kmph is likely to prevail over northeast and adjoining central & northwest Arabian Sea and becoming 120-130 kmph gusting to 145 kmph from evening.</p> <p>13th June: Gale wind speed reaching 115-125 kmph gusting to 140 kmph is likely to prevail over northeast and adjoining central & northwest Arabian Sea.</p> <p>14th June: Gale wind speed reaching 115-125 kmph gusting to 140 kmph is likely to prevail over central parts of north Arabian Sea and 70-80 kmph gusting to 90 kmph over adjoining areas of central Arabian Sea.</p>	
10.06.2023/0300UTC	<p>10th June: Gale wind speed reaching 135-145 kmph gusting to 160 kmph is prevailing over eastcentral & adjoining areas of westcentral Arabian Sea and likely to increase gradually becoming 150-160 kmph gusting to 175 kmph from night. Gale wind speed reaching 90-100 kmph gusting to 110 kmph is likely to prevail over adjoining areas of northeast Arabian Sea.</p> <p>11th June: Gale wind speed reaching 155-165 kmph gusting to 180 kmph is likely to prevail over eastcentral and</p>	

adjoining westcentral & northeast Arabian Sea and becoming 145-155 kmph gusting to 170 kmph over the region from evening.

12th June: Gale wind speed reaching 140-150 kmph gusting to 165 kmph is likely to prevail over northeast and adjoining central Arabian Sea and becoming 135-145 kmph gusting to 160 kmph from evening.

13th June: Gale wind speed reaching 135-145 kmph gusting to 160 kmph is likely to prevail over northeast and adjoining northwest & central Arabian Sea and decrease thereafter to become 125- 135 kmph gusting to 150 kmph from evening.

14th June: Gale wind speed reaching 115-125 kmph gusting to 140 kmph is likely to prevail over northeast and adjoining northwest Arabian Sea and decrease thereafter to become 105-115 kmph gusting to 125 kmph from evening. Gale wind speed reaching 70-80 kmph gusting to 90 kmph over adjoining areas of central Arabian Sea.

15th June: Gale wind speed reaching 95-105 kmph gusting to 115 kmph is likely to prevail over northeast and adjoining northwest Arabian Sea and Squally wind speed reaching 50-60 kmph gusting to 70 kmph over adjoining areas of central Arabian Sea.

Along & off Saurashtra & Kutch coasts: Squally wind speed reaching 35-45 kmph gusting to 55 kmph is likely to prevail on 10th June and likely to increase becoming 40-50 kmph gusting to 60 kmph on 11th June, 45-55 kmph gusting to 65 kmph during 12th and 50-60 kmph gusting to 70 kmph during 13th to 15th June.

11.06.2023/0300UTC

11th June: Gale wind speed reaching 160-175 kmph gusting to 195 kmph is prevailing over eastcentral and adjoining westcentral & northeast Arabian Sea.

12th June: Gale wind speed reaching 150-165 kmph gusting to 185 kmph is likely to prevail over northeast and adjoining central Arabian Sea.

13th June: Gale wind speed reaching 145-155 kmph gusting to 170 kmph is likely to prevail over northeast and adjoining central Arabian Sea. Gale wind speed reaching 80-90 kmph gusting to 100 kmph over adjoining areas of northwest Arabian Sea.

14th June: Gale wind speed reaching 135-145 kmph gusting to 160 kmph is likely to prevail over northeast Arabian Sea. Gale wind speed reaching 70-80 kmph gusting to 90 kmph over adjoining areas of central & northwest Arabian Sea.

15th June: Gale wind speed reaching 125-135 kmph gusting to 150 kmph is likely to prevail over northeast Arabian Sea and likely to decrease becoming 100-110 kmph gusting to 125 kmph from evening over the region. Squally wind speed reaching 50-60 kmph gusting to 70 kmph is likely over adjoining areas of central Arabian Sea.

Wind warning along & off Saurashtra & Kutch coasts (Kutch, Devbhumi Dwarka, Porbandar, Jamnagar, Rajkot, Junagarh and Morbi districts) including Gulf of Kutch:

- Squally wind speed reaching 40-50 kmph gusting to 60 kmph on 11th June, 45-55 kmph gusting to 65 kmph during 12th and becoming 50-60 kmph gusting to 70 kmph from 13th to evening of 14th June.

- Gale wind speed reaching 65-75 kmph gusting to 85 kmph very likely to prevail from 14th June evening and becoming 120-130 kmph gusting to 145 kmph from 15th morning for subsequent 12 hours.

- Squally wind speed reaching 55-65 kmph gusting to 75 kmph very likely to

	prevail along & off remaining districts Saurashtra coast on 14th & 15th June.	
12.06.2023/0300UTC	<p>12th June: Gale wind speed reaching 165-175 kmph gusting to 195 kmph is likely to prevail over northeast and adjoining eastcentral Arabian Sea becoming 145-155 kmph gusting to 175 kmph from night. Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely over adjoining areas of westcentral Arabian Sea.</p> <p>13th June: Gale wind speed reaching 145-155 kmph gusting to 175 kmph is likely to prevail over northeast Arabian Sea. Gale wind speed reaching 80-90 kmph gusting to 100 kmph is likely to prevail over adjoining areas of eastcentral Arabian Sea. Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely over adjoining areas of northwest Arabian Sea.</p> <p>14th June: Gale wind speed reaching 135-145 kmph gusting to 160 kmph is likely to prevail over northeast Arabian Sea. Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely over adjoining areas of eastcentral Arabian Sea.</p> <p>15th June: Gale wind speed reaching 125-135 kmph gusting to 150 kmph is likely to prevail over northeast Arabian Sea and likely to decrease becoming 90-100 kmph gusting to 110 kmph from evening. Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely over adjoining areas of eastcentral Arabian Sea.</p> <p>Wind warning along & off Saurashtra & Kutch coasts (Kutch, Devbhumi Dwarka, Porbandar, Jamnagar, Rajkot, Junagarh and Morbi districts) including Gulf of Kutch:</p> <ul style="list-style-type: none"> • Squally wind speed reaching 45-55 kmph gusting to 65 kmph on 12th and becoming 50-60 kmph gusting to 70 kmph from 13th to evening to 14th June. • Gale wind speed reaching 65-75 kmph gusting to 85 kmph very likely to prevail from 14th June evening and becoming 125-135 kmph gusting to 150 kmph from 	

	<p>15th early morning for subsequent 12 hours. It would decrease gradually becoming 45-55 kmph gusting to 65 kmph over north Gujarat and adjoining south Rajasthan from 16th morning to evening.</p> <ul style="list-style-type: none"> • Squally wind speed reaching 55-65 kmph gusting to 75 kmph very likely to prevail along & off remaining districts Saurashtra coast on 14th & 15th June and 30-40 kmph gusting to 50 kmph during 16th morning to evening. 	
13.06.2023/0300UTC	<p>Northeast Arabian Sea: Gale wind speed reaching 150-160 kmph gusting to 180 kmph prevailing over the region likely to decrease becoming 125-135 kmph gusting 150 kmph by 15th morning to evening. It would weaken gradually further more thereafter becoming 45-55 kmph gusting to 65 kmph by 16th morning. Eastcentral Arabian Sea: Gale wind speed reaching 150-160 kmph gusting to 180 kmph prevailing over the region likely to decrease becoming 90-100 kmph gusting to 110 kmph on 14th morning and 40-50 kmph gusting to 60 kmph on 16th morning.</p> <p>Wind warning along & off Saurashtra & Kutch coasts (Kutch, Devbhumi Dwarka, Porbandar, Jamnagar, Rajkot, Junagarh and Morbi districts) including Gulf of Kutch:</p> <ul style="list-style-type: none"> • Squally wind speed reaching 50-60 kmph gusting to 70 kmph prevailing over these regions and likely to continue till 13th midnight. • It would increase becoming Gale wind speed reaching 65-75 kmph gusting to 85 kmph from 14 th June morning along & off Porbandar & Devbhoomi Dwarka district coasts. • It would become 125-135 kmph gusting to 150 kmph from 15th morning for subsequent 12 hours along & off Kutch, Devbhumi Dwarka, Porbandar, Jamnagar, Rajkot, Junagarh and Morbi districts. Thereafter it would decrease gradually becoming 45-55 kmph gusting to 65 kmph over north Gujarat and 	

	<p>adjoining south Rajasthan from 16th morning to evening.</p> <ul style="list-style-type: none"> • Squally wind speed reaching 55-65 kmph gusting to 75 kmph very likely to prevail along & off remaining districts Saurashtra coast on 14th & 15th June and 30-40 kmph gusting to 50 kmph during 16th morning to evening 	
14.06.2023/0300UTC	<p>Northeast Arabian Sea: Gale wind speed reaching 145-155 kmph gusting to 170 kmph prevailing over the region likely to decrease becoming 125-135 kmph gusting 150 kmph during 15th morning to evening. It would weaken gradually further more thereafter becoming squally wind speed reaching 45-55 kmph gusting to 65 kmph by 16th morning. Eastcentral Arabian Sea: Gale wind speed reaching 60-70 kmph gusting to 80 kmph is prevailing and would become squally wind speed reaching 40-50 kmph gusting to 60 kmph from 15 th morning for subsequent 12 hours.</p> <p>Adjoining Areas of westcentral & northwest Arabian Sea: Squally wind speed reaching 45-55 kmph gusting to 65 kmph is likely to prevail on 14th June.</p> <p>Wind warning along & off Saurashtra & Kutch coasts (Kachchh, Devbhumi Dwarka, Porbandar, Jamnagar, Rajkot, Junagarh and Morbi districts) including Gulf of Kutch:</p> <ul style="list-style-type: none"> • Gale wind speed reaching 65-75 kmph gusting to 85 kmph will prevail along & off Porbandar & Devbhoomi Dwarka district coasts from forenoon of today, the 14th June. • It would gradually increase becoming gale wind speed reaching 125-135 kmph gusting to 150 kmph during 15th forenoon to night along & off Kachchh, Devbhumi Dwarka, Porbandar, Jamnagar, Rajkot, Junagarh and Morbi districts. Thereafter, it would decrease gradually becoming 85-95 kmph gusting to 105 kmph over Kachchh and adjoining districts of Saurashtra & Kutch by 16th early morning and squally wind 	

	<p>speed reaching 50-60 kmph gusting to 70 kmph by 16th afternoon.</p> <ul style="list-style-type: none"> • Squally wind speed reaching 55-65 kmph gusting to 75 kmph very likely to prevail along & off remaining districts of Saurashtra coast on 14th& 15th June. 	
15.06.2023/0300UTC	<p>Northeast Arabian Sea: Gale wind speed reaching 125-135 kmph gusting to 150 kmph prevailing over the region likely to gradually decrease and becoming 115-125 kmph gusting 140 kmph by 15th evening. It would weaken gradually further more thereafter becoming squally wind speed reaching 50-60 kmph gusting to 70 kmph by 16th morning. Eastcentral Arabian Sea: Gale wind speed reaching 50-60 kmph gusting to 70 kmph is prevailing and would become squally wind speed reaching 40-50 kmph gusting to 60 kmph from 15 th evening for subsequent 12 hours.</p> <p>Wind warning along & off Saurashtra & Kutch coasts (Kachchh, Devbhumi Dwarka, Porbandar, Jamnagar, Rajkot, Junagarh and Morbi districts) including Gulf of Kutch:</p> <ul style="list-style-type: none"> • Gale wind speed reaching 70-80 kmph gusting to 90 kmph are prevailing along & off Porbandar & Devbhoomi Dwarka district coasts. It would gradually increase becoming gale wind speed reaching 115-125 kmph gusting to 135 kmph during 15th afternoon to night along & off Kachchh, Devbhumi Dwarka, Porbandar, Jamnagar, Rajkot, Junagarh and Morbi districts. Thereafter, it would decrease gradually becoming 70-80 kmph gusting to 90 kmph over Kachchh and adjoining districts of Saurashtra & Kutch by 16th early morning and squally wind speed reaching 45-55 kmph gusting to 65 kmph by 16th afternoon. • Squally wind speed reaching 50-60 kmph gusting to 70 kmph very likely to prevail along & off remaining districts of Saurashtra coast on 15th June. <p>Wind Warning for South Rajasthan</p>	

	<ul style="list-style-type: none"> • Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely over South Rajasthan during 16th noon to evening and 35-45 kmph gusting to 55 kmph till mid-night of 16th June. 	
16.06.2023/0300UTC	<p>Northeast Arabian Sea: Gale wind speed reaching 55-65 kmph gusting to 75 kmph is prevailing and likely to become squally wind speed reaching 40-50 kmph gusting to 60 kmph by 16th June afternoon.</p> <p>Adjoining areas of Eastcentral Arabian Sea: Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely to prevail till afternoon of 16th June. Wind warning along & off Saurashtra & Kutch coasts and Gulf of Kutch:</p> <ul style="list-style-type: none"> • Gale wind speed reaching 75-85 kmph gusting to 95 kmph is likely to prevail over Kachchh, Gulf of Kutch and adjoining areas; 60-70 kmph gusting to 80 kmph is likely to prevail over northern districts of Saurashtra and 50-60 kmph gusting to 70 kmph over southern districts of Saurashtra during next six hours. It is likely to become squally wind speed reaching 50-60 kmph gusting to 70 kmph from 16th June evening till midnight over the above regions. • Squally wind speed reaching 45-55 kmph gusting to 65 kmph is prevailing along & off remaining districts of Saurashtra coast and likely to become 35-45 kmph gusting to 55 kmph by 16th June evening. <p>Wind Warning for South Rajasthan</p> <ul style="list-style-type: none"> • Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely over South Rajasthan during 16th afternoon and becoming 50-60 kmph gusting to 70 kmph during evening to night. It would decrease thereafter becoming 35-45 kmph gusting to 55 kmph on 17th June. 	
17.06.2023/0300UTC	<p>Squally wind speed reaching 45-55 kmph gusting to 65 kmph during next 12 hours and decrease thereafter becoming 35-45 kmph gusting to 55 kmph.</p>	

18.06.2023/0300UTC	Squally wind speed reaching 40-50 kmph gusting to 60 kmph is very likely till evening of 18th June over South Rajasthan and adjoining areas of North Gujarat and decrease thereafter becoming strong wind speed reaching 25-35 kmph gusting to 45 kmph thereafter over East Rajasthan and adjoining areas till morning of 19th June.	
19.06.2023/0300UTC	Strong wind speed reaching 25-35 kmph gusting to 45 kmph is very likely over East Rajasthan and adjoining areas of Northwest Madhya Pradesh on 19th June.	

Extremely Severe Cyclonic Storm “TEJ” over Southwest Arabian Sea (20-24th October, 2023)

Date/Base Time of observation	Gale/ Squally wind Forecast at 0300 UTC of date	Realised wind speed
20.10.2023/0300UTC	<p>Southwest Arabian Sea: Squally wind speed reaching 45-55 kmph gusting to 65 kmph is prevailing and likely to increase gradually becoming 60-70 kmph gusting to 80 kmph by morning of 21st, 80-90 kmph gusting to 100 kmph by morning of 22nd October. It is likely to decrease gradually thereafter.</p> <p>Westcentral Arabian Sea: Squally wind speed reaching 40-50 kmph gusting to 60 kmph is prevailing and likely to gradually increase becoming 50-60 kmph gusting to 70 kmph on 21st. Gale wind speed reaching 80-90 kmph gusting to 100 kmph is likely to prevail in the morning of 22nd becoming 95-105 kmph gusting to 115 kmph by morning of 23rd and further 105-115 kmph gusting to 125 kmph in the evening of 23rd October. Thereafter, it is likely to decrease gradually becoming Gale wind speed reaching 85-95 kmph gusting to 115 kmph and 70-80 kmph gusting to 90 kmph in the morning of 25th October.</p>	As estimated the MSW of 120-130 kmph gusting to 145 kmph (65 knots gusting to 75 knots) were observed during landfall.
21.10.2023/0300UTC	<p>Southwest Arabian Sea: Gale wind speed reaching 75-85 kmph gusting to 95 kmph is prevailing and likely to increase gradually becoming 90-100 kmph gusting to 110 kmph by evening of today, the 21st October and 110-120 kmph gusting to 135 kmph by morning of 22nd October. It is likely to decrease gradually becoming Gale wind speed reaching 60-70 kmph gusting to 80 kmph by morning of 23rd and Squally wind speed reaching 50-60 kmph gusting to 70 kmph by morning of 24th October. It would decrease gradually thereafter.</p>	

	<p>Westcentral Arabian Sea: Squally wind speed reaching 50-60 kmph gusting to 70 kmph is prevailing and likely to become Gale wind speed reaching 80-90 kmph gusting to 100 kmph by evening of 21st October. It is likely to increase gradually becoming Gale wind speed reaching 110-120 kmph gusting to 135 kmph in the morning of 22nd, 150-160 kmph gusting to 175 kmph in the morning of 23rd October. Thereafter, it is likely to decrease gradually from evening of 23rd October becoming Gale wind speed reaching 135-145 kmph gusting to 160 kmph by 24th morning and 100-110 kmph gusting to 120 kmph on 25th morning. It would decrease rapidly after the landfall becoming Gale wind speed reaching 60-70 kmph gusting to 80 kmph in the evening of 25th October and Squally wind speed reaching 35-45 kmph gusting to 55 kmph by morning of 26th October.</p>	
22.10.2023/0300UTC	<p>Southwest Arabian Sea: Gale wind speed reaching 170-180 kmph gusting to 200 kmph is prevailing and is likely to continue till night of 22nd October. Thereafter, it is likely to decrease gradually becoming Gale wind speed reaching 100-110 kmph gusting to 120 kmph by evening of 23rd and Squally wind speed reaching 50-60 kmph gusting to 70 kmph by morning of 24th October. It would decrease gradually thereafter.</p> <p>Westcentral Arabian Sea: Gale wind speed reaching 170-180 kmph gusting to 200 kmph is prevailing and likely to increase gradually becoming 190-200 kmph gusting to 220 kmph in the evening of 22nd till morning of 23rd October. Thereafter, it is likely to decrease gradually becoming Gale wind speed reaching 150-160 kmph gusting to 175 kmph by 23rd evening and 90-100 kmph gusting to 110 kmph on 24th evening. It would decrease rapidly after the landfall becoming Squally wind</p>	

	speed reaching 40-50 kmph gusting to 60 kmph in the evening of 25th October	
23.10.2023/0300UTC	<p>Southwest Arabian Sea: Squally wind speed reaching 50-60 kmph gusting to 70 kmph prevailing over the region is likely to decrease gradually from today evening.</p> <p>Westcentral Arabian Sea: Gale wind speed reaching 155-165 kmph gusting to 180 kmph is prevailing and is likely to decrease gradually becoming 135-145 kmph gusting to 160 kmph by 23rd evening and 125-135 kmph gusting to 150 kmph by early hours of 24th October. It would decrease rapidly after the landfall becoming 90-100 kmph gusting to 110 kmph in the morning of 24th October and Squally wind speed reaching 45-55 kmph gusting to 65 kmph by evening. It would decrease gradually thereafter</p>	
24.10.2023/0300UTC	<p>Westcentral Arabian Sea: Gale wind speed reaching 90-100 kmph gusting to 110 kmph is prevailing and likely to decrease rapidly becoming 70-80 kmph gusting to 90 kmph from noon of 24th October and decrease gradually becoming squally wind speed reaching 30-40 gusting to 50 kmph from evening of 24th October</p>	

Very Severe Cyclonic Storm “HAMOON” over Westcentral Bay of Bengal (21-25 October)

Date/Time in UTC	Forecast Wind	Realized Wind
21.10.2023/0300UTC	<p>Southeast and adjoining eastcentral & southwest Bay of Bengal: Squally wind speed reaching 45-55 kmph gusting to 65 kmph is likely to prevail near the system on 21st & 22nd and 50-60 kmph gusting to 70 kmph on 23rd October. It is likely to decrease gradually thereafter.</p> <p>Westcentral Bay of Bengal: Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely to prevail on 21st October. It is likely to gradually increase becoming 45-55 kmph gusting to 65 kmph on 22nd and 50-60 kmph gusting to 70 kmph on 23rd & 24th October.</p> <p>North Bay of Bengal and along & off Odisha, West Bengal and Bangladesh coasts: Squally wind speed reaching 45-55 kmph gusting to 65 kmph is likely to prevail from 24th to 26th October.</p>	As estimated the MSW of 75-85 kmph gusting to 95 kmph (45 knots gusting to 55 knots) were observed during landfall.
22.10.2023/0300UTC	<p>Westcentral Bay of Bengal: Squally wind speed reaching 40-50 kmph gusting to 60 kmph is prevailing and likely to increase gradually becoming 50-60 kmph gusting to 70 kmph from evening of 22nd till 25th October. It is likely to decrease gradually thereafter.</p> <p>Adjoining eastcentral & southeast Bay of Bengal: Squally wind speed reaching 40-50 kmph gusting to 60 kmph is prevailing near the system and likely to become 50-60 kmph gusting to 70 kmph from morning of 22nd till 23rd October. It is likely to decrease gradually thereafter.</p> <p>North Bay of Bengal and along & off Odisha, West Bengal and Bangladesh coasts: Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely on 23rd and likely to increase gradually becoming Gale wind speed reaching 60-70 kmph gusting to 80 kmph from 24th to 26th October.</p>	
23.10.2023/0300UTC	<p>Westcentral Bay of Bengal: Squally wind speed reaching 50-60 kmph gusting to 70 kmph is prevailing and likely to increase becoming 55-65</p>	

	<p>kmph gusting to 75 kmph from 23rd evening till 24th October morning. It is likely to decrease gradually from 24th noon becoming squally wind speed reaching 40-50 kmph gusting 60 kmph by 24th evening.</p> <p>Adjoining eastcentral Bay of Bengal: Squally wind speed reaching 45-55 kmph gusting to 65 kmph is likely to increase gradually becoming 50-60 kmph gusting to 70 kmph on 24th and decrease from 25th onwards.</p> <p>North Bay of Bengal: Squally wind speed reaching 40-50 kmph gusting to 60 kmph is prevailing and likely to become 50-60 kmph gusting to 70 kmph from today evening. It would become Gale wind speed reaching 60-70 kmph gusting to 80 kmph from 24th October morning and 80-90 kmph gusting 100 kmph during 24th evening to night. It would decrease gradually thereafter.</p> <p>Along & off Odisha, West Bengal, Bangladesh and north Myanmar coasts: Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely from 23rd evening to 24th along & off Odisha coast. Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely to commence along & off West Bengal, Bangladesh and North Myanmar coasts from 24th morning. It would gradually increase becoming 55-65 kmph gusting to 75 kmph along & off Bangladesh coast, 50-60 kmph gusting to 70 kmph along & off north Myanmar coast and 45-55 kmph gusting to 65 along & off west Bengal coast on 25th October.</p> <p>Mizoram, Tripura, south Assam and Manipur: Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely to prevail over Mizoram and Tripura and Strong wind speed reaching 30-40 kmph gusting to 50 kmph over south Assam & Manipur on 25th October.</p>	
24.10.2023/0300UTC	<p>Northeast Bay of Bengal: Gale wind speed reaching 115-125 kmph gusting to 135 kmph is prevailing. It is likely to become 120-130 kmph gusting 140 kmph during next 6 hours. It would decrease gradually thereafter becoming Gale wind speed reaching 100-110 kmph gusting to 120 kmph</p>	

	<p>by 24th midnight, and 65-75 kmph gusting to 85 kmph by 25th evening and would decrease thereafter.</p> <p>Northwest Bay of Bengal: Gale wind speed reaching 115-125 kmph gusting to 135 kmph is prevailing. It is likely to become 120-130 kmph gusting 140 kmph during next 6 hours. It would decrease gradually thereafter becoming Gale wind speed reaching 80-90 kmph gusting to 100 kmph by 24th midnight, and Squally wind speed reaching 50-60 kmph gusting to 70 kmph by 25th evening and would decrease thereafter. Adjoining Westcentral Bay of Bengal: Squally wind speed reaching 50-60 kmph gusting to 70 kmph is prevailing and would gradually decrease becoming 30-40 kmph gusting to 50 kmph from 24th evening.</p> <p>Adjoining eastcentral Bay of Bengal: Squally wind speed reaching 50-60 kmph gusting to 70 kmph is prevailing and would gradually decrease becoming 40-50 kmph gusting to 60 kmph from 24th evening.</p> <p>Along & off Odisha, West Bengal, Bangladesh and north Myanmar coasts: Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely prevailing along & off Odisha coast on 24th. Squally wind speed reaching 40-50 kmph gusting to 60 kmph is prevailing along & off West Bengal, Bangladesh and North Myanmar coasts from 24th morning. It would gradually increase becoming 65-75 kmph gusting to 85 kmph along & off Bangladesh coast, 55-65 kmph gusting to 75 kmph along & off north Myanmar coast and 45-55 kmph gusting to 65 kmph along & off west Bengal coast on 25th October.</p> <p>Mizoram, Tripura, south Assam and Manipur: Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely to prevail over Mizoram and Tripura and Strong wind speed reaching 30-40 kmph gusting to 50 kmph over south Assam & Manipur on 25th October.</p>	
25.10.2023/0300UTC	<p>Northeast Bay of Bengal: Squally wind speed reaching 50-60 kmph gusting to 70 kmph is prevailing and likely to decrease gradually becoming 35-45 kmph gusting to 55 kmph by 25th evening and would decrease thereafter. Along & off Bangladesh and north Myanmar coasts: Squally</p>	

	<p>wind speed reaching 50-60 kmph gusting to 70 kmph is prevailing along & off Bangladesh and adjoining north Myanmar coast and likely to decrease gradually become 35-45 kmph gusting to 55 kmph by 25th evening and would decrease further thereafter. Mizoram, Tripura, south Assam and Manipur: Squally wind speed reaching 30-40 kmph gusting to 50 kmph is likely to prevail over Mizoram and Tripura and Strong wind speed reaching 25-35 kmph gusting to 45 kmph over Manipur on 25th October.</p>	
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Cyclonic Storm “MIDHILI” over Westcentral Bay of Bengal (15-18 November, 2023)

Date/Time in UTC	Forecast Wind	Realized Wind
14.11.2023/0300UTC	<ul style="list-style-type: none"> • Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph is likely to prevail over southwest Bay of Bengal along & off Tamil Nadu & Puducherry and Sri Lanka coasts on 14th & 15th November. • Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph is likely to prevail over southeast Bay of Bengal and adjoining Andaman Sea & eastcentral Bay of Bengal on 14th November. • Squally wind speed reaching 45-55 kmph gusting to 65 kmph is likely over westcentral and adjoining south Bay of Bengal on 15th November and likely to become 50-60 kmph gusting to 70 kmph over westcentral Bay of Bengal on 16th November and over northwest and adjoining westcentral Bay of Bengal on 17th November. • Along & off North Andhra Pradesh Coast: Squally wind speed reaching 40-50 kmph gusting 60 kmph is likely on 15th & 16th November. • Along & off Odisha Coast: Squally wind speed reaching 40-50 kmph gusting 60 kmph is likely during 15th evening. It is likely to increase gradually becoming 45-55 kmph gusting to 65 kmph from 16th morning, 50-60 kmph gusting 70 kmph from 16th evening for subsequent 24 hours. • Along & off West Bengal Coast: Squally wind speed reaching 40-50 kmph gusting 60 kmph is likely during 16th morning. It is likely to increase gradually becoming 50-60 kmph gusting 70 kmph from 16th evening for subsequent 24 hours. • Along & off Bangladesh Coast: Squally wind speed reaching 45-55 kmph gusting 65 kmph is likely from 16th evening for subsequent 24 hours. 	Not Available
15.11.2023/0300UTC	<ul style="list-style-type: none"> • Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph is likely to prevail over southwest Bay of Bengal along & off Tamil Nadu & Puducherry and Sri Lanka coasts on 15th & 16th November. 	

	<ul style="list-style-type: none"> • Squally wind speed reaching 45-55 kmph gusting to 65 kmph is likely over westcentral and adjoining south Bay of Bengal on 15th November and likely to become 50-60 kmph gusting to 70 kmph over westcentral Bay of Bengal on 16th November and over northwest and adjoining westcentral Bay of Bengal on 17th November. • Along & off Andhra Pradesh Coast: Squally wind speed reaching 40-50 kmph gusting 60 kmph is likely on 15th & 16th November along & off south Andhra Pradesh coast and 15th to 17th along & off north Andhra Pradesh coast. • Along & off Odisha Coast: Squally wind speed reaching 40-50 kmph gusting 60 kmph is likely during 15th evening. It is likely to increase gradually becoming 45-55 kmph gusting to 65 kmph from 16th morning, 50-60 kmph gusting 70 kmph from 16th evening till 18th morning and decrease thereafter. • Along & off West Bengal Coast: Squally wind speed reaching 40-50 kmph gusting 60 kmph is likely during 16th morning. It is likely to increase gradually becoming 50-60 kmph gusting 70 kmph from 16th evening till 18th morning and decrease thereafter. • Along & off Bangladesh Coast: Squally wind speed reaching 45-55 kmph gusting 65 kmph is likely from 16th evening till 18th morning and decrease thereafter. 	
16.11.2023/0300UTC	<ul style="list-style-type: none"> • Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph is likely to prevail over southwest Bay of Bengal along & off Tamil Nadu & Puducherry and Sri Lanka coasts on 16th November. • Squally wind speed reaching 50-60 kmph gusting to 70 kmph is prevailing over Westcentral & adjoining Northwest Bay of Bengal and is likely to increase gradually becoming 60-70 gusting to 80 kmph over North Bay of Bengal from 16th midnight. It would increase further becoming 70-80 gusting to 90 kmph over North Bay of Bengal and decrease over westcentral Bay of Bengal becoming 40-50 gusting to 60 kmph on 17th 	

	<p>morning. Thereafter, it would decrease becoming 55-65 kmph gusting to 75 kmph over the North Bay of Bengal from 18th morning. Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely over adjoining central Bay of Bengal from 17th evening to 18th morning and decrease thereafter.</p> <ul style="list-style-type: none"> • Along & off Andhra Pradesh Coast: Squally wind speed reaching 30-40 kmph gusting 50 kmph is likely on 16th November along & off south Andhra Pradesh coast and 40-50 kmph gusting 60 kmph during 16th to 17th morning along & off north Andhra Pradesh coast. It would decrease thereafter. • Along & off Odisha Coast: Squally wind speed reaching 45-55 kmph gusting 65 kmph is prevailing and likely to increase gradually becoming 50-60 kmph gusting 70 kmph from 16th evening till 17th evening and decrease thereafter. • Along & off West Bengal Coast: Squally wind speed reaching 40-50 kmph gusting 60 kmph is prevailing. It is likely to increase gradually becoming 55-65 kmph gusting 75 kmph from 17th morning till 18th morning and decrease thereafter. • Along & off Bangladesh Coast: Squally wind speed reaching 45-55 kmph gusting 65 kmph is likely from 16th evening and increase becoming 60-70 kmph gusting 80 kmph from 17th evening till 18th morning and decrease thereafter. 	
17.11.2023/0300UTC	<ul style="list-style-type: none"> • North Bay of Bengal and along & off Bangladesh coast: Gale wind speed reaching 65-75 kmph gusting to 85 kmph is prevailing. It would become 70-80 kmph gusting to 90 kmph till afternoon. It would decrease gradually thereafter becoming 60-70 kmph gusting to 80 kmph from 17th evening to midnight (during landfall) and decrease thereafter becoming Squally wind speed reaching 40-50 kmph gusting to 60 kmph from morning of 18th November. It would decrease further thereafter. • Along & off West Bengal Coast: Squally wind speed reaching 50-60 kmph gusting to 70 kmph is prevailing and would continue till midnight of 17th and decrease thereafter. 	

	<ul style="list-style-type: none">• Strong wind speed reaching 30-40 kmph gusting to 50 kmph is likely over Tripura, Mizoram, Manipur and south Assam till 18th November evening	
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Severe Cyclonic Storm “MICHAUNG” over Southeast & adjoining southwest Bay of Bengal (1-6 December, 2023)

Date	Forecast Wind	Realised Wind
01.12.2023	<ul style="list-style-type: none"> • Southeast Bay of Bengal: Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph over Southeast Bay of Bengal during 1st & 2nd December and decrease thereafter. • Southwest Bay of Bengal along & off north Tamil Nadu-Puducherry Coasts: Squally wind speed reaching 35-45 kmph gusting to 55 kmph over Southwest Bay of Bengal. To gradually increase becoming 50-60 kmph gusting to 70 kmph from 2nd December morning. It would increase further becoming Gale Wind speed reaching 60-70 kmph gusting to 80 kmph from 3rd December morning and 70-80 kmph gusting to 90 kmph from 3rd evening for subsequent 24 hours. • Westcentral Bay of Bengal and along & off south Andhra Pradesh Coast: Squally wind speed reaching 35-45 kmph gusting to 55 kmph is over westcentral Bay of Bengal from 2nd December evening. Likely to gradually increase becoming 55-65 kmph gusting to 75 kmph from 3rd December morning. Likely to increase further becoming Gale Wind speed reaching 70-80 kmph gusting to 90 kmph from 3rd evening and 80-90 kmph gusting to 100 kmph from 4th evening for subsequent 12 hours. • Along & off north Andhra Pradesh Coast: Squally wind speed reaching 45-55 kmph gusting to 65 kmph likely from 4th December evening, likely to gradually increase becoming 55-65 kmph gusting to 75 kmph from 5th December evening for subsequent 12 hours. • Along & off South Odisha Coast: Squally wind speed reaching 35-45 kmph gusting to 55 kmph likely from 4th 	<p>Andhra Pradesh:</p> <ul style="list-style-type: none"> ❖ Krishnapatnam Port reported 103 kmph gusting to 115 kmph on 4th December, 2023 ❖ Kavali High Wind Speed Recorder reported 270⁰/36kts (70 kmph) at 1644 hours IST of 04th December 2023 <p>Tamil Nadu:</p> <ul style="list-style-type: none"> ❖ High Wind Speed Recorder at Chennai (NBK) recorded wind speed of about 75 kmph (40-45 knots) in gusts during early hours to noon of 04th December 2023. ❖ NBK Anemograph recorded wind speed of 60-70 kmph in gusts during

	<p>December evening, likely to gradually increase becoming 40-50 kmph gusting to 60 kmph from 5th December evening for subsequent 12 hours. It would gradually decrease thereafter.</p>	<p>this period</p> <ul style="list-style-type: none"> ❖ MBK recorded wind speed of 80-90 kmph in gusts during this period
<p>02.12.2023</p>	<ul style="list-style-type: none"> • Southwest Bay of Bengal along & off north Tamil Nadu-Puducherry Coasts: Squally wind speed reaching 50-60 kmph gusting to 70 kmph over Southwest Bay of Bengal. Likely to gradually increase becoming Gale Wind speed reaching 60-70 kmph gusting to 80 kmph from 2nd December night to 4th Dec. • Southeast Bay of Bengal: Squally weather with wind speed reaching 45-55 kmph gusting to 65 kmph over Southeast Bay of Bengal on 2nd and likely to decrease thereafter. • Westcentral Bay of Bengal and along & off south Andhra Pradesh Coast: Squally wind speed reaching 35-45 kmph gusting to 55 kmph over westcentral Bay of Bengal from 2nd December evening. Likely to gradually increase becoming 55-65 kmph gusting to 75 kmph from 3rd December morning. Likely to increase further becoming Gale Wind speed reaching 70-80 kmph gusting to 90 kmph from 3rd evening and 80-90 kmph gusting to 100 kmph from 4th evening to 5th Dec. noon. • Along & off north Andhra Pradesh Coast: Squally wind speed reaching 45-55 kmph gusting to 65 kmph likely from 4th December evening, likely to gradually increase becoming 55-65 kmph gusting to 75 kmph from 5th December evening for subsequent 12 hours. • Along & off South Odisha Coast: Squally wind speed reaching 35-45 kmph gusting to 55 kmph likely from 4th December evening, likely to gradually increase becoming 40-50 kmph gusting to 	<ul style="list-style-type: none"> ❖ NBK AWS 30 kt (56 kmph) on 04th / 14:15 IST ❖ MBK AWS 37 kt (68 kmph) on 04th / 10:30 IST ❖ Ennore AWS recorded 43 knots (80 kmph) on 04th /19:45 IST (75 kmph) in gusts <p>Andhra Pradesh</p> <ul style="list-style-type: none"> ❖ MO Bapatla reported 140⁰/38kt (75 kmph) at 1430 hours IST on 05th December 2023

	<p>60 kmph from 5th December evening for subsequent 12 hours.</p>	
03.12.2023	<ul style="list-style-type: none"> <p>•Southwest Bay of Bengal along & off north Tamil Nadu-Puducherry Coasts: Gale wind speed reaching 60-70 kmph gusting to 80 kmph is prevailing over Southwest Bay of Bengal. It is likely to gradually increase becoming 70-80 kmph gusting to 90 kmph from 3rd December evening for subsequent 12 hours.</p> <p>•Westcentral Bay of Bengal and along & off south Andhra Pradesh Coast: Squally wind speed reaching 50-60 kmph gusting to 70 kmph over westcentral Bay of Bengal. It is likely to gradually increase becoming Gale Wind speed reaching 70-80 kmph gusting to 90 kmph from 3rd evening; 80-90 kmph gusting to 100 kmph from 4th morning and 90-100 kmph gusting to 110 kmph from 4th evening to 5th December noon.</p> <p>• Along & off north Andhra Pradesh Coast: Squally wind speed reaching 45-55 kmph gusting to 65 kmph likely from 4th December evening, likely to gradually increase becoming 55-65 kmph gusting to 75 kmph from 5th December morning for subsequent 24 hours.</p> <p>• Along & off Odisha Coast: Squally wind speed reaching 35-45 kmph gusting to 55 kmph likely from 4th December evening, likely to gradually increase becoming 40-50 kmph gusting to 60 kmph from 5th December evening for subsequent 12 hours.</p> 	
04.12.2023	<ul style="list-style-type: none"> <p>•Southwest Bay of Bengal along & off north Tamil Nadu-Puducherry Coasts: Gale wind speed reaching 85-95 kmph gusting to 105 kmph around the center.</p> <p>The Gale wind speed reaching 60-70 kmph gusting to 80 kmph is prevailing along and</p> 	

	<p>off northTamilnadu coast (Chennai and to its north).</p> <ul style="list-style-type: none"> • Westcentral Bay of Bengal and along & off south Andhra Pradesh Coast: Gale wind speed reaching 85-95 kmph gusting to 105 kmph over westcentral Bay of Bengal. Likely to gradually increase becoming 90-100 kmph gusting to 110 kmph from 4th afternoon and 95-105 kmph gusting to 115 kmph from 4th mid night till 5th December morning. It would become 90-100 kmph gusting to 110 kmph from morning of 5th till noon of 5th and further gradually decrease thereafter. <p>Gale wind speed reaching 60-70 kmph gusting to 80 kmph along and off Nellore district & 50-60 kmph gusting to 70 kmph along and off remaining districts of south Andhra Pradesh coast. Likely to gradually increase becoming 90-100 kmph gusting to 110 kmph from 4th December evening to 5th December noon.</p>	
05.12.2023	<ul style="list-style-type: none"> • Southwest Bay of Bengal along & off north Tamil Nadu-Puducherry Coasts: Squally wind speed reaching 30-40 kmph gusting to 50 kmph along and off north Tamilnadu coast (Chennai and to its north) and southwest Bay of Bengal. It would decrease gradually. • Westcentral Bay of Bengal and along & off south Andhra Pradesh Coast: Gale wind speed reaching 90-100 kmph gusting to 110 kmph over westcentral Bay of Bengal around system centre. <p>Gale wind speed reaching 70-80 kmph gusting to 90 kmph prevailing along and off Nellore district & 90-100 kmph gusting to 110 kmph along and off remaining districts of south Andhra Pradesh coast till 5th December.</p> <ul style="list-style-type: none"> • Along & off north Andhra Pradesh Coast: 	

	<p>Squally wind speed reaching 50-60 kmph gusting to 65 kmph is prevailing, it is likely to continue during next 12 hours.</p> <ul style="list-style-type: none"> • Along & off Odisha Coast: Squally wind speed reaching 35-45 kmph gusting to 55 kmph to prevail till afternoon of 5th to gradually increase becoming 40-50 kmph gusting to 60 kmph from 5th December evening for subsequent 12 hours. 	
06.12.2023	<ul style="list-style-type: none"> • Northeast Telangana and adjoining areas of south Chhattisgarh, south Interior Odisha and Coastal Andhra Pradesh: Strong wind speed reaching 25-35 kmph gusting to 45 kmph is likely to prevail during next 6 hours and gradually decreases thereafter. • West Central Bay of Bengal along & off north Andhra Pradesh and south Odisha Coasts: Strong wind speed reaching 25-35 kmph gusting to 45 kmph to prevail during next 06 hours. 	

Severe cyclonic storm Asani over Bay of Bengal (07-12 May, 2022)

Date/Base Time of observation	Gale/ Squally wind Forecast at 0300 UTC of date	Realised wind speed
08.05.2022/0300UTC	<ul style="list-style-type: none"> ➤ 8th May: Gale wind speed reaching 70-80 kmph gusting to 90 kmph is likely to prevail over Southeast & adjoining Eastcentral Bay of Bengal and would gradually increase reaching 95-105 kmph gusting to 115 kmph over the same region during 8th May night. Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely over Andaman Islands. ➤ 9th May: Gale wind speed reaching 105-115 kmph gusting to 125 kmph is likely to prevail over central parts of Bay of Bengal. ➤ 10th May: Gale wind speed reaching 95-105 kmph gusting to 115 kmph is likely to prevail around the system center over Westcentral and adjoining Northwest Bay of Bengal. Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely along and off north Andhra Pradesh coast. ➤ 11th May: Gale wind speed reaching 80-90 kmph gusting to 100 kmph is likely to prevail over northwest and adjoining Westcentral Bay of Bengal. Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely along and off Odisha and adjoining north Andhra Pradesh coasts. ➤ 12th May: Gale wind speed reaching 60-70 kmph gusting to 80 kmph is likely to prevail over northwest Bay of Bengal. Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely along and off Odisha coast. 	<p>The estimated maximum sustained wind speed was about 30 knots (50-60 kmph) along and off Andhra Pradesh coast around the centre of the storm. The High wind speed recorder at IMD, Machilipatnam reported peak wind speed of 30 knots (55 kmph) at 2056 hrs IST of 11th May.</p>
09.05.2022/0300UTC	<ul style="list-style-type: none"> ➤ 9th May: Gale wind, speed reaching 100-110 kmph gusting to 120 kmph 	

	<p>prevailing over Westcentral and adjoining South Bay of Bengal. It would gradually decrease becoming 90-100 kmph gusting to 110 kmph over Westcentral Bay of Bengal.</p> <ul style="list-style-type: none"> ➤ 10th May: Gale wind speed reaching 85-95 kmph gusting to 105 kmph is likely to prevail around the system center over Westcentral Bay of Bengal. It would gradually decrease becoming 70-80 kmph gusting to 90 kmph over Westcentral and adjoining Northwest Bay of Bengal. Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely along and off north Andhra Pradesh coast. ➤ 11th May: Gale wind speed reaching 70-80 kmph gusting to 90 kmph is likely to prevail over Westcentral and adjoining northwest Bay of Bengal. It would gradually decrease becoming 60-70 kmph gusting to 80 kmph over northwest and adjoining Westcentral Bay of Bengal. Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely along and off north Andhra Pradesh and adjoining Odisha coasts. ➤ 12th May: Squally wind speed reaching 50-60 kmph gusting to 70 kmph is likely to prevail over northwest Bay of Bengal. It would gradually decrease becoming 40-50 kmph gusting to 60 kmph from evening. Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely along and off Odisha coast. 	
10.05.2022/0300UTC	<ul style="list-style-type: none"> ● Gale wind speed reaching 100-110 kmph gusting to 120 kmph is prevailing around the system center over Westcentral Bay of Bengal. It would gradually decrease becoming 80-90 kmph gusting to 100 kmph over Westcentral and adjoining Northwest Bay of Bengal from midnight of 10th May and become 65-75 Kmph gusting to 85 Kmph from evening of 11th May over the 	

	<p>same region. Further, it would decrease to 55- 65 Kmph gusting to 75 Kmph over northwest & adjoining Westcentral Bay of Bengal from morning of 12th May.</p> <ul style="list-style-type: none"> • Squally wind speed reaching 40-50 kmph gusting to 60 kmph is prevailing along and off Andhra Pradesh coast. It is likely to increase to 55-65 Kmph gusting to 75 Kmph from early hours of 11th May for subsequent 24 hours. • Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely to continue along & off Odisha coast during 10th to 12th May and along & off West Bengal coast during 11th to 12th May evening. 	
11.05.2022/0300UTC	<ul style="list-style-type: none"> • Gale wind speed reaching 75-85 kmph gusting to 95 kmph is prevailing around the system center over Westcentral Bay of Bengal. It would gradually decrease becoming 65-75 Kmph gusting to 85 Kmph by today afternoon over the same region. Further, it would decrease to 45-55 Kmph gusting to 65 Kmph over Westcentral Bay of Bengal on 12th May morning. • Gale wind speed reaching 70-80 kmph gusting to 90 kmph likely to prevail along & off Krishna, East & West Godavari, Yanam of Puducherry UT and Visakhapatnam districts and 50-60 kmph gusting to 70 kmph along & off adjoining districts of Coastal Andhra Pradesh during forenoon to afternoon of today. It would then decrease gradually to 45-55 Kmph gusting to 65 Kmph over the same region by 12th May morning. • Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely to continue along & off Odisha and West Bengal coasts on 11th to 12th May. 	
12.05.2022/0300UTC	Squally wind speed reaching 40-50 kmph gusting to 60 kmph to prevail over	

	coastal Andhra Pradesh and adjoining westcentral Bay of Bengal during next 24 hours	
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Cyclonic Storm Sitrang over Bay of Bengal (22-25 October, 2022)

Date/Base Time of observation	Gale/ Squally wind Forecast at 0300 UTC of date	Realised wind speed
22 Oct/ 0300 UTC	<p>22nd October: Squally weather with wind speed reaching 45-55 kmph gusting to 65 kmph is very likely over eastcentral & adjoining southeast Bay of Bengal, Andaman Islands and Andaman Sea.</p> <p>23rd October: Squally wind speed reaching 55-65 kmph gusting to 75 kmph is very likely over westcentral and adjoining eastcentral & southeast Bay of Bengal from morning. It would gradually increase becoming 65-75 kmph gusting to 85 kmph from 23rd evening. Squally wind speed reaching 35-45 kmph gusting to 55 kmph is very likely along & off Odisha and West Bengal coasts and Andaman Islands and adjoining north Andaman Sea.</p> <p>24th October: Gale wind speed reaching 70-80 kmph gusting to 90 kmph is likely over westcentral and adjoining areas of eastcentral & north Bay of Bengal. Squally wind speed reaching 45-55 kmph gusting to 65 kmph is very likely along & off Odisha and West Bengal coasts.</p> <p>25th October: Gale wind speed reaching 90-100 kmph gusting to 110 kmph is likely over north and adjoining central Bay of Bengal and along & off Bangladesh coast; 80-90 kmph gusting to 100 kmph likely along & off 24 Parganas District and 60-70 kmph gusting to 80 kmph along & off east Medinipur district off West Bengal coast. Squally wind speed reaching 50-60 kmph gusting to 70 kmph likely along and off Balasore district & 45-55 kmph gusting to 65 kmph along & off</p>	<p>Estimated maximum sustained wind (MSW) speed of intensity 80-90 kmph gusting to 100 kmph prevailed along & off Bangladesh coast during landfall. MSW of intensity 60-70 kmph gusting 80 kmph prevailed along & off North and South 24 Parganas including Sunderbans forest area during the time of landfall. Kolkata reported MSW of 44 kmph at 1647 IST of 24th October. MSW of 50-60 kmph gusting to 70 kmph prevailed over Tripura and 40-50 kmph gusting to 60 kmph over Meghalaya, South Assam & adjoining Mizoram and along and off north Odisha coast.</p>

	<p>remaining north coastal districts of Odisha and over Mizoram & Tripura.</p>	
<p>23 Oct/ 0300 UTC</p>	<p>23rd October: Squally wind speed reaching 50-60 kmph gusting to 70 kmph is prevailing over westcentral and adjoining eastcentral & southeast Bay of Bengal. It would gradually increase becoming gale wind speed reaching 65-75 kmph gusting to 85 kmph over the same region from 23rd evening. Squally wind speed reaching 35-45 kmph gusting to 55 kmph is very likely along & off Odisha and West Bengal coasts and Andaman Islands and adjoining north Andaman Sea.</p> <p>24th October: Gale wind speed reaching 80-90 kmph gusting to 100 kmph is likely over westcentral and adjoining areas of eastcentral & north Bay of Bengal. It would gradually increase becoming 90-100 kmph gusting to 110 kmph over the same region from 24th evening till 25th morning. Squally wind speed reaching 40-50 kmph gusting to 60 kmph is very likely along & off Odisha and West Bengal coasts. It would gradually increase becoming 60-80 kmph gusting to 90 kmph along and off West Bengal coast and 50-60 kmph gusting to 70 kmph along and off north Odisha coast from evening.</p> <p>25th October: Gale wind speed reaching 90-100 kmph gusting to 110 kmph is likely over north Bay of Bengal and along & off Bangladesh coast; 70-90 kmph gusting to 100 kmph likely along & off 24 Parganas District and 60-70 kmph gusting to 80 kmph along & off east Medinipur district off West Bengal coast till morning. It would gradually decrease becoming 45-55 kmph gusting to 65 kmph over coastal areas of Bangladesh after evening. Squally wind speed reaching 45-55</p>	

	<p>kmph gusting to 65 kmph likely along and off Balasore district & 40-50 kmph gusting to 60 kmph along & off remaining north coastal districts of Odisha and over Mizoram & Tripura.</p>	
<p>24 Oct/ 0300 UTC</p>	<p>24th October: Gale wind speed reaching 75-85 kmph gusting to 95 kmph prevailing over westcentral & adjoining eastcentral Bay of Bengal and north Bay of Bengal. It would gradually increase becoming 80-90 kmph gusting to 100 kmph over north Bay of Bengal and central Bay of Bengal during next 6 hours. It would further increase gradually becoming 90-100 kmph gusting to 110 kmph over the same region from today, the 24th evening till 25th morning.</p> <p>Squally wind speed reaching 40-50 kmph gusting to 60 kmph is prevailing along & off Odisha and West Bengal coasts. It would gradually increase becoming 60-80 kmph gusting to 90 kmph along and off West Bengal coast and 50-60 kmph gusting to 70 kmph along and off north Odisha coast from the evening hours of today. Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely over Mizoram & Tripura.</p> <p>25th October: Gale wind speed reaching 80-90 kmph gusting to 100 kmph is likely over north Bay of Bengal and along & off Bangladesh coast; 70-90 kmph gusting to 100 kmph likely along & off 24 Parganas District and 60-70 kmph gusting to 80 kmph along & off east Medinipur district off West Bengal coast till morning. It would gradually decrease becoming 45-55 kmph gusting to 65 kmph over coastal areas of Bangladesh and adjoining West Bengal coasts after evening.</p>	

	<p>Squally wind speed reaching 40-50 gusting to 60 kmph is likely along and off Balasore district & 35-45 kmph gusting to 55 kmph along & off remaining north coastal districts of Odisha in the morning.</p> <p>Squally wind speed reaching 50-60 kmph gusting to 70 kmph is likely over Tripura and 45-55 kmph gusting to 65 kmph is likely over Mizoram, south Assam and adjoining east Meghalaya & Manipur.</p>	
<p>25 Oct/ 0300 UTC</p>	<p>Strong wind speed reaching 25-35 kmph gusting to 45 kmph is very likely to prevail over northeast Bangladesh, Meghalaya, Assam, Arunachal Pradesh, Manipur, Nagaland, Mizoram & Tripura during next 12 hours and reduce thereafter.</p>	

Severe Cyclonic Storm Mandous over Bay of Bengal (06-10 December, 2022)

Date/Time in UTC	Forecast Wind	Realized Wind
01.12.2022 /0300	<ul style="list-style-type: none"> ❖ 40-45 kmph gusting to 55 kmph over Andaman & Nicobar (A&N) Islands, Andaman sea & adjoining Southeast(SE) BoB on 04th Dec. ❖ 45-55 kmph gusting to 65 kmph over A&N Islands and SE BoB and 40-45 gusting to 55 kmph over SE BoB & adjoining Andaman Sea 05th Dec. 	<p>A& N Islands: 30 to 40 kmph gusting to 50 kmph</p> <p>South coastal Andhra Pradesh: 40-50 gusting to 60 kmph</p> <p>North Tamil Nadu & Puducherry: 65-75 kmph gusting to 85 kmph</p> <p>South Tamil Nadu & Gulf of Mannar: 45-55 kmph gusting to 65 kmph</p>
02.12.2022 /0300	<ul style="list-style-type: none"> ❖ 40-45 kmph gusting to 55 kmph over A&N Islands and Andaman Sea & adjoining SE BoB on 04th Dec. 45-55 gusting to 65 kmph over A&N Islands; SE BoB & adjoining Andaman Sea on 05th & 45-55 gusting to 65 kmph over Southwest(SW) & adjoining SE BoB on 06th. 	
03.12.2022 /0300	<ul style="list-style-type: none"> ❖ 40-45 gusting to 55 kmph over A&N Islands and Andaman Sea on 04th & 05th Dec. ❖ 45-55 gusting to 65 kmph over SE BoB on 05th & 06th Dec.; over SW & adjoining SE BoB on 06th & 7th Dec. ❖ 50-60 gusting to 70 kmph over SW BoB & adjoining Sri Lanka coast on 07th & 08th Dec. ❖ 40-50 gusting to 60 kmph along & off Tamilnadu, Puducherry and South Andhra Pradesh(AP) coast from 08th Dec. morning becoming 50-60 gusting to 70 kmph from 08th Dec. evening for subsequent 12 hours. 	
04.12.2022 /0300	<ul style="list-style-type: none"> ❖ 40-45 gusting to 55 kmph over A&N Islands and Andaman Sea on 04th & 05th Dec. ❖ 45-55 gusting to 65 kmph over SE BoB on 05th & 06th Dec.; over SW & adjoining SE BoB on 06th & 7th Dec. ❖ 50-60 gusting to 70 kmph over SW BoB & adjoining Sri Lanka coast on 07th & 08th Dec. ❖ 40-50 gusting to 60 kmph along & off Tamilnadu, Puducherry, south AP coast and Gulf of Mannar from 08th Dec. morning becoming 50-60 kmph gusting to 70 kmph from 08th December evening for subsequent 12 hours. 	
05.12.2022 /0300	<ul style="list-style-type: none"> ❖ 40-45 gusting to 55 kmph over A&N Islands and Andaman Sea on 05th & 06th December. ❖ 45-55 gusting to 65 kmph over SE BoB during 05th to 7th December ❖ 45-55 gusting to 65 kmph over SW BoB on 6th. It would increase gradually becoming 55-65 gusting to 	

	<p>75 kmph on 7th and Gale wind speed reaching 70-80 kmph gusting to 90 kmph over the same region on 08th. It would decrease thereafter gradually.</p> <ul style="list-style-type: none"> ❖ 40-50 gusting to 60 kmph likely to commence along & off Tamilnadu, Puducherry, south AP and north Sri Lanka coasts coast from 08th Dec. morning becoming 60-70 gusting to 80 kmph from 08th Dec. evening to 9th Dec. morning. It is likely to reduce to 45-55 gusting to 65 kmph by 09th Dec. evening. ❖ 40-50 gusting to 60 kmph to prevail over Gulf of Mannar during 7th-9th Dec. 	
<p>06.12.2022 /0300</p>	<ul style="list-style-type: none"> ❖ 40-45 gusting to 55 kmph over A&N Islands and Andaman Sea on 06th Dec. ❖ 45-55 gusting to 65 kmph over SE BoB on 06th and it would increase gradually becoming 50-60 gusting to 70 kmph on 7th Dec. and then reduce to 40-45 gusting to 55 kmph on 8th Dec. ❖ 40-50 kmph gusting to 60 kmph over SW BoB on 6th. It would increase gradually becoming 50-60 gusting to 70 kmph from 7th morning and Gale wind speed reaching 70-80 gusting to 90 kmph over the same region on 08th and 9th. It would decrease thereafter gradually. ❖ 40-50 gusting to 60 kmph to commence along & off Tamilnadu, Puducherry, south AP and north Sri Lanka coasts coast from 08th Dec. morning becoming 50-60 gusting to 70 kmph from 08th Dec. evening, 70-80 gusting to 90 kmph from 09th Dec. evening to 10th Dec. morning. It would reduce gradually to 50-60 gusting to 70 kmph by afternoon of 10th Dec. evening and then to 40-50 gusting to 60 kmph by 10th Dec. night. ❖ 40-50 gusting to 60 kmph over Gulf of Mannar from 08th Dec. evening becoming 50-60 gusting to 70 kmph from 09th Dec. evening to 10th Dec. morning. It is likely to reduce gradually thereafter. 	
<p>07.12.2022 /0300</p>	<ul style="list-style-type: none"> ❖ 50-60 gusting to 70 kmph, over SE BoB during next 24 hours and then reduce to 40-45 gusting to 55 kmph on 8th Dec. ❖ 50-60 gusting to 70 kmph prevailing over SW BoB, would increase gradually becoming 60-70 gusting to 80 kmph from 7th evening. It would further increase becoming Gale wind, speed reaching 70-80 gusting to 90 kmph, over the region from 8th morning and 80-90 kmph gusting to 100 kmph during 08th evening to 09th morning. It would decrease thereafter gradually. ❖ 40-50 gusting to 60 kmph, likely to commence along & off Tamilnadu, Puducherry, south Andhra Pradesh and north Sri Lanka coasts coast from 08th Dec morning, becoming 50-60 gusting to 70 kmph from 	

	<p>08th Dec. evening, 70-80 gusting to 90 kmph from 09th Dec. evening to 10th Dec. morning. It is likely to reduce gradually to 50-60 kmph gusting to 70 kmph by afternoon of 10th Dec. and then to 40-50 gusting to 60 kmph by 10th Dec. night.</p> <ul style="list-style-type: none"> ❖ 40-50 gusting to 60 kmph, likely over Gulf of Mannar from 08th Dec. evening becoming 50-60 gusting to 70 kmph from 09th Dec. evening to 10th Dec. morning. It is likely to reduce gradually thereafter. 	
<p>08.12.2022 /0300</p>	<ul style="list-style-type: none"> ❖ SW BoB:- 75-85 kmph gusting to 95 kmph is prevailing. It would further increase becoming 80-90 gusting to 100 kmph, during 08th noon to 08th night. It would decrease thereafter gradually becoming 75-85 gusting to 95 kmph, from 9th morning and 70-80 gusting to 90 kmph from 9th Dec. evening. ❖ Along & off Tamil Nadu, Puducherry, south AP and north Sri Lanka coasts:- 40-50 kmph gusting to 60 kmph, likely to commence from 08th Dec. afternoon, becoming 50-60 kmph gusting to 70 kmph from 9th Dec. morning and 65-75 kmph gusting to 85 kmph from 09th Dec. evening to early hours of 10th Dec. It is likely to reduce gradually thereafter becoming 55-65 gusting to 75 kmph by morning of 10th Dec. and then to 30-40 kmph gusting to 50 kmph by 10th Dec. night. ❖ Gulf of Mannar :- 40-50 gusting to 60 kmph, from 08th Dec. evening becoming 50-60 gusting to 70 kmph from 09th Dec. evening to early hours of 10th Dec. and 40-50 kmph gusting to 60 kmph by 10th Dec. morning. ❖ SE BoB:- 40-45 gusting to 55 kmph, is likely to prevail on 8th Dec. 	
<p>09.12.2022 /0300</p>	<ul style="list-style-type: none"> ❖ SW BoB:- 80-90 gusting to 100 kmph is prevailing. It would decrease gradually becoming 70-80 gusting to 90 kmph from today evening, 55-65 kmph gusting to 75 kmph by 10th Dec. early morning and 30-40 gusting to 50 kmph by 10th Dec. evening. ❖ Along & off Tamil Nadu, Puducherry, south AP and north Sri Lanka coasts:- 45-55 gusting to 65 kmph is prevailing. It would increase and become 50-60 gusting to 70 kmph by today afternoon and 65-75 gusting to 85 kmph from today, the 09th Dec. evening till early hours of 10th Dec. It is likely to reduce gradually thereafter becoming 55-65 gusting to 75 kmph by morning of 10th December and then to 30-40 gusting to 50 kmph by 10th Dec. evening. ❖ Gulf of Mannar:- 40-50 gusting to 60 kmph is prevailing. It would increase and becoming 50-60 gusting to 70 kmph from today evening to early hours of 10th December and 40-50 gusting to 60 kmph by 10th December morning. 	

	❖ Westcentral BoB off south AP coast:- 40-50 gusting to 60 kmph is likely to prevail till noon. It would increase gradually becoming 55-65 gusting to 75 kmph from today, the 9 th Dec evening to 10 th Dec early morning and reduce thereafter gradually becoming 30-40 gusting to 50 kmph by 10 th Dec evening.	
10.12.2022 /0300	❖ SW BoB and along & off Tamil Nadu, Puducherry and south AP coasts:- 50-60 gusting to 70 kmph likely to prevail till noon and to reduce thereafter becoming 30-40 gusting to 50 kmph by 10 th December evening.	

Extremely Severe Cyclonic storm (ESCS) TAUKTAE (14-19 May -2021)

Date/Base Time of observation	Gale/ Squally wind Forecast at 0300 UTC of date	Realised wind
14.05.2021/ 0300	<p>Squally weather with wind speed reaching 45-55 kmph gusting to 65 kmph is very likely over southeast Arabian Sea and adjoining Lakshadweep – Maldives area and equatorial Indian Ocean on 14th May. It is very likely to increase gradually becoming 50- 60 kmph gusting to 70 kmph over the same region from 14th morning.</p> <p>It is likely to increase gradually becoming Gale wind speed reaching 70 – 80 kmph gusting to 90 kmph over east-central Arabian Sea and adjoining southeast Arabian Sea and Lakshadweep area from 15th May morning.</p> <p>Squally wind speed reaching 45-55 kmph gusting to 65 kmph likely along & off Kerala coast on 14th May and 50-60 kmph gusting to 70 kmph along & off Kerala - Karnataka coasts on 15th May.</p> <p>Squally wind speed reaching 40-50 kmph gusting to 60 kmph likely along & off south Maharashtra & Goa</p>	<p>Agathi reported maximum sustained wind speed of 85 kmph, Minicoy-50 kmph, Amini Divi-38 kmph kts on 14th May. Coastal Karnataka reported 55 kmph on 15th May.</p> <p>Mumbai City reported 114 kmph on 18th May. Gujarat coast reported 160-170 gusting to 185 kmph at the time of landfall on 18th</p>
	<p>coasts on 15th and Gale winds speed reaching 60-70 kmph gusting to 80 kmph along & off south Maharashtra –Goa coasts on 16th May.</p> <p>Squally wind speed reaching 40-50 kmph gusting to 60 kmph likely over northeast Arabian Sea and along & off south Gujarat & Daman and Diu coasts on 17th morning and gradually increase becoming Gale winds speed reaching 90-100 kmph gusting to 115 kmph over northeast Arabian Sea along & off Gujarat coast from the early hours of 18th May and increase gradually thereafter till 18th morning.</p>	

15.05.2021/0300	<p>Squally weather with wind speed reaching 45-55 kmph gusting to 65 kmph is very likely over Maldives area and equatorial Indian Ocean during next 06 hours.</p> <p>Gale wind speed reaching 75 – 85 kmph gusting to 95 kmph is prevailing over east-central Arabian Sea and adjoining southeast Arabian Sea and Lakshadweep area. It is likely to increase over eastcentral Arabian Sea becoming 120-130 kmph gusting to 145 kmph from 16th May morning.</p> <p>Squally wind speed reaching 50-60 kmph gusting to 70 kmph along & off Kerala coast on 15th May.</p> <p>Squally wind speed reaching 50-60 kmph gusting to 70 kmph likely along & off Karnataka south Maharashtra & Goa coasts on 15th and</p> <p>Gale winds speed reaching 60-70 kmph gusting to 80 kmph along & off Maharashtra –Goa coasts on 16th May. Squally wind speed reaching 40-50 kmph gusting to 60 kmph likely over northeast Arabian Sea and along & off south Gujarat & Daman and Diu coasts on 17th morning and gradually increase becoming Gale winds speed reaching 150-160 kmph gusting to 175 kmph over northeast Arabian Sea from 18th morning and along & off Saurashtra & Kutch coasts (Devbhoomi Dwarka & Porbandar) and 120 -150 kmph gusting to 165 kmph over Kutch, Porbandar, Junagarh, Jamnagar districts of Gujarat from 18th May afternoon / evening for subsequent 06 hours.</p>	
16.05.2021/0300	<p>Gale wind speed reaching 130–140 kmph gusting to 155 kmph is prevailing over eastcentral Arabian Sea. It is likely to increase over eastcentral Arabian Sea becoming 145-155 kmph gusting to 170 kmph from 16th May mid-night.</p> <p>Gale winds speed reaching 80-90 kmph gusting to 100 kmph along & off south Maharashtra –Goa and adjoining Karnataka coasts on 16th, 50-60 kmph gusting to 70 kmph along & off north Maharashtra</p>	

	<p>coast on 16th. It is likely to become 65- 75 kmph gusting to 85 kmph along & off north Maharashtra coast from 17th till 18th morning.</p> <p>Squally wind speed reaching 40-50 kmph gusting to 60 kmph likely over northeast Arabian Sea and along & off south Gujarat & Daman and Diu coasts from 16th morning and gradually increase becoming Gale winds speed reaching 150-160 kmph gusting to 175 kmph over northeast Arabian Sea and along & off Gujarat coast (Porbandar, Junagarh, Gir Somnath, Amreli, Bhavnagar) and 100 -120 kmph gusting to 135 kmph over Bharuch, Anand, south Ahemedabad, Botad, Surendranagar, 90 - 100 kmph gusting to 120 kmph over Devbhoomi Dwarka, Jamnagar, Rajkot, Morbi districts of Gujarat from early hours of 18th. Gale winds speed reaching 70- 90 kmph gusting to 100 kmph likely to prevail along & off Dadra, Nagar Haveli, Daman, Valsad, Navsari, Surat, Kheda districts from 17th mid-night till 18th morning.</p>	
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17.05.2021/0300	<p>Gale wind speed reaching 180–190 kmph gusting to 210 kmph is likely to prevailing over eastcentral Arabian Sea during next six hours</p> <p>Gale winds speed reaching 80-90 kmph gusting to 100 kmph is likely to prevail along & off Maharashtra coast on 17th and gradually decrease thereafter.</p> <p>Gale wind speed reaching 90-100 kmph gusting to 110 kmph is prevailing over adjoining northeast Arabian Sea. It would gradually increase becoming 170–180 kmph gusting to 200 kmph from evening of 17th for subsequent 06 hrs and decrease thereafter</p> <p>Gale wind speed reaching 70-80 kmph gusting to 90 kmph is prevailing along and off south Gujarat & Daman and Diu coasts. It is likely to increase becoming Gale winds speed reaching 155-165 kmph gusting to 185 kmph along & off Gujarat coast (Amreli, Bhavnagar) Junagarh, Gir Somnath and 120 -140 kmph gusting to 165 kmph over Bharuch, Anand, south Ahmedabad, Botad, 90 -100 kmph gusting to 120 kmph over Devbhoomi Dwarka, Jamnagar, Porbandar, Rajkot, Morbi, Kheda districts of Gujarat from tonight till 18th early morning. Gale winds speed reaching 80-90 kmph gusting to 100 kmph likely to prevail along & off Dadra, Nagar Haveli, Daman, Valsad, Navsari, Surat, Surendranagar, districts from 17th evening till 18th morning.</p>	
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18.05.2021/0300	<p>Gale wind speed reaching 90-100 kmph gusting to 110 kmph is likely to prevail over Gulf of Khambat and adjoining northeast Arabian Sea during next 06 hours. It is likely to reduce gradually thereafter.</p> <p>Gale wind speed reaching 40-50 gusting to 60 kmph along & off extreme north Maharashtra coast during next 06 hours.</p> <p>Gale winds speed reaching 100-110 kmph gusting to 120 kmph likely to prevail over Amreli, Bhavnagar, Botad, 90-100 kmph gusting to 110 kmph over Surendranagar, Rajkot, Anand, South Ahmedabad : 60-70 kmph gusting to 80 kmph over Diu, Gir Somnath, Junagarh, Kheda, Bharuch, Jamnagar, Porbandar & Morbi during next 06 hours and gradually decrease thereafter.</p> <p>Squally wind speed reaching 45-55 kmph gusting to 65 kmph likely to prevail along and off Dadra, Nagar Haveli, Daman, Valsad, Navsari, Surat, districts and 35-45 kmph gusting to 55 kmph over Devbhoomi Dwarka & Kutch during next 06 hours and gradually decrease thereafter.</p> <p>Squally wind speed reaching 45-55 kmph gusting to 65 kmph is likely to prevail over south Rajasthan from the evening of 18th till 19th early morning.</p>	
19.05.2021/0300	<p>Squally wind speed reaching 45-55 kmph gusting to 65 kmph is likely to prevail over East Rajasthan and adjoining west Madhya Pradesh during next 12 hours.</p>	

Very Severe Cyclonic storm (VSCS) YAAS (23-27 May 2021)

Forecast Winds (kmph)	Realised wind (kmph)
<ul style="list-style-type: none">➤ Gale wind speed reaching 155-165 gusting to 185 kmph over north coastal districts of Balasore, Bhadrak Jagatsinghpur, Kendrapara of Odisha. It was modified to 130-140 gusting to 155 kmph on 25th night.➤ Gale wind speed reaching 110-120 gusting to 130 kmph over coastal districts of West Bengal (Purba Medinipur and south 24 Parganas district) and during the time of landfall.	<ul style="list-style-type: none">❖ Gale wind speed reaching 130-140 gusting to 155 kmph prevailed over north coastal districts of Balasore, Bhadrak and 100-120 kmph gusting to 130 kmph along and off Kebdrapara and Jagatsinghpur districts of Odisha.❖ Gale wind speed reaching 110-120 gusting to 130 kmph prevailed over coastal districts of West Bengal (Purba Medinipur and south 24 Parganas district) during the time of landfall.

Cyclonic storm (CS) GULAB (24-28 September 2021)

Date/ Base Time of observation	Gale/ Squally wind Forecast at 0300 UTC of date	Realised 24- hour Gale/ Squally wind Forecast at 0300 UTC of date
25.09.2021 /0300UTC	Squally wind speed reaching 40-50 kmph gusting to 60 kmph likely to prevail along and off Odisha-North Andhra Pradesh coasts. It will gradually increase becoming gale wind speed reaching 75-85 kmph gusting to 95 kmph from afternoon of 26th till midnight along & off north Andhra Pradesh (Srikakulam, Vizianagaram, Visakhapatnam Districts) and adjoining adjoining south Odisha coasts (Ganjam, Gajapati Districts), 55 - 65 kmph gusting to 75 kmph along & off Khordha,Puri, Raigada & Koraput districts, 50 -60 kmph gusting to 70 kmph over Navrangpur & Malkangiri. Squally wind speed reaching 40 -50 kmph gusting to 60 kmph likely to prevail along & off remaining parts of Odisha & Andhra Pradesh & West Bengal coasts on 26th Sept. and over northeast Bay of Bengal on 25th & 26th Sept.	Maximum Wind Speed of 52 knots (95 kmph) was reported at Kalingapatnam on 26.09.2021 at 1349 UTC (19.19 hrs IST).

Cyclonic storm (CS) JAWAD (02nd – 5th December-2021)

Date/Base Time of observation (UTC)	24 hr wind warning ending at 0830 hrs IST of next day	Realised 24- hour wind ending at 0300 UTC of date
30/11/2021 0300 UTC	<ul style="list-style-type: none"> • Squally wind speed reaching 40-50 kmph gusting to 60 kmph likely to prevail over Andaman Sea, today 30th November. It would increase gradually becoming 45-55 kmph gusting to 65 kmph over Andaman Sea, Andaman & Nicobar Islands and adjoining southeast Bay of Bengal, tomorrow, the 1st December. • It would further increase to wind speed reaching 50-60 kmph gusting to 70 kmph over southeast & adjoining east-central Bay of Bengal, Andaman & Nicobar Islands & Andaman Sea on 2nd December. • Gale winds speed reaching 65-75 kmph gusting to 85 kmph likely to prevail over central Bay of Bengal from the early morning of 3rd December and gradually increase becoming 90-100 kmph gusting to 110 kmph over northwest & adjoining west-central Bay of Bengal from the morning of 4th December for the subsequent 24 hours. • Squally wind speed reaching 45-55 kmph gusting to 65 kmph likely to commence along & off North Andhra Pradesh – Odisha coast from the mid-night of 3rd December and increase gradually becoming 70-80 kmph gusting to 90 kmph from 4th Afternoon, for the subsequent 12 hours. • Squally wind speed reaching 45-55 kmph gusting to 65 kmph also likely to commence along & off West Bengal coast from 4th December morning and become Gale wind speed reaching 60-70 kmph gusting to 80 kmph from the evening of 4th December for 	<p style="text-align: center;">Meteorol ogical Office at Puri reported MSW of 18 knots during 1030-1130 hrs IST (0500 to 0600 UTC) of 5th December, high wind speed recorder at Paradeep reported MSW of 26 knots at 1530 hrs IST (0995 UTC) of 5th December. Dhamra Port reported south- southeasterly winds of intensity 32 knots gusting to 35 knots at 4th/0600 UTC.</p>

<p>01/12/2021 0300 UTC</p>	<ul style="list-style-type: none"> • Squally wind speed reaching 45-55 kmph gusting to 65 kmph likely to prevail over Andaman Sea, today the 1st December. • It would further increase to wind speed reaching 50-60 kmph gusting to 70 kmph over southeast & adjoining east-central Bay of Bengal, Andaman & Nicobar Islands & Andaman Sea on 2nd December. • Gale winds speed reaching 65-75 kmph gusting to 85 kmph likely to prevail over central Bay of Bengal from the early morning of 3rd December and gradually increase becoming 90-100 kmph gusting to 110 kmph over northwest & adjoining west-central Bay of Bengal from the morning of 4th December for the subsequent 24 hours. • Squally wind speed reaching 45-55 kmph gusting to 65 kmph likely to commence along & off North Andhra Pradesh – Odisha coasts from the mid-night of 3rd December and increase gradually becoming 70-80 kmph gusting to 90 kmph from 4th morning, for the subsequent 12 hours. • Squally wind speed reaching 45-55 kmph gusting to 65 kmph also likely to commence along & off West Bengal coast from 4th December morning and become Gale wind speed reaching 60-70 kmph gusting to 80 kmph from the evening of 4th December for the subsequent 12 hours. 	
<p>02/12/2021 0300 UTC</p>	<ul style="list-style-type: none"> • Squally wind speed reaching 45-55 kmph gusting to 65 kmph likely to prevail over southeast Bay of Bengal & adjoining Andaman Sea during next 6 hours. • It would further increase to wind speed reaching 50-60 kmph gusting to 70 kmph over southeast & adjoining east-central Bay of Bengal, from today, the 2nd December evening. • Gale winds speed reaching 65-75 kmph gusting to 85 kmph likely to prevail over central Bay of Bengal from the morning of 3rd December and gradually increase becoming 90-100 kmph gusting to 110 kmph over northwest & adjoining west-central Bay of Bengal from the morning of 4th December for the subsequent 24 hours. <p style="margin-left: 40px;">Squally wind speed reaching 45-55 kmph gusting to 65 kmph likely to commence along & off North Andhra Pradesh – Odisha coasts from the mid-night of 3rd December and increase gradually becoming 70-80 kmph gusting to 90 kmph from 4th morning, for the subsequent 12 hours.</p> <ul style="list-style-type: none"> • Squally wind speed reaching 45-55 kmph gusting to 65 kmph also likely to commence along & off West Bengal coast from 4th December morning and become Gale wind speed reaching 60- 70 kmph gusting to 80 kmph from the evening of 4th December • for the subsequent 12 hours. 	

<p>03/12/2021 0300 UTC</p>	<ul style="list-style-type: none"> • Squally wind speed reaching 55-65 kmph gusting to 75 kmph over westcentral and adjoining southeast & eastcentral Bay of Bengal during next 06 hours. • Gale winds speed reaching 70-80 kmph gusting to 90 kmph likely to prevail over westcentral & adjoining northwest Bay of Bengal from today evening and gradually increase becoming 90- 100 kmph gusting to 110 kmph over northwest & adjoining west- central Bay of Bengal from the evening of 4th December for the subsequent 12 hours. • Squally wind speed reaching 45-55 kmph gusting to 65 kmph likely to commence along & off North Andhra Pradesh – Odisha coasts from the mid-night of today, the 3rd December and increase gradually becoming 80-90 kmph gusting to 100 kmph from 4th evening, for the subsequent 12 hours. • Squally wind speed reaching 45-55 kmph gusting to 65 kmph also likely to commence along & off West Bengal coast from 4th December evening and become Gale wind speed reaching 60- 70 kmph gusting to 80 kmph from the morning of 5th December for the subsequent 12 hours. 	
<p>04/12/2021 0300 UTC</p>	<ul style="list-style-type: none"> • Gale wind, speed reaching 70-80 kmph gusting to 90 kmph, prevails over westcentral Bay of Bengal. It would gradually decrease becoming 60-70 kmph gusting to 80 kmph over northwest and adjoining westcentral Bay of Bengal by mid-night of today, the 4th December. It would decrease further becoming 50-60 gusting to 70 kmph from the morning of 5th December over northwest Bay of Bengal. • Squally winds speed reaching 45-55 kmph gusting to 65 kmph likely to prevail along & off North Andhra Pradesh– Odisha coasts during next 12 hours. It will gradually increase becoming 55-65 gusting to 75 kmph till morning of 5th and squally winds speed reaching 50-60 kmph gusting to 70 kmph from 5th morning till afternoon. It would decrease thereafter gradually. • Squally wind speed reaching 45-55 kmph gusting to 65 kmph also likely to commence along & off West Bengal coast from 4th December evening till the evening of 5th December and gradually decrease thereafter. 	
<p>05/12/2021 0300 UTC</p>	<ul style="list-style-type: none"> • Squally wind speed reaching 50-60 kmph gusting to 70 kmph prevails over northwest and adjoining westcentral Bay of Bengal. It would gradually decrease becoming 40-50 kmph gusting to 60 kmph over northwest and adjoining westcentral Bay of Bengal by evening of today, the 5th December. It would decrease further becoming 30-40 kmph gusting to 50 kmph over northwest Bay of Bengal by night of today, the 5th December. • Squally winds speed reaching 45-55 kmph gusting to 65 kmph likely to prevail along & off North Andhra Pradesh coast during next 06 hours and along & off Odisha – West Bengal coasts during next 24 hours. 	

Super Cyclonic Storm “AMPHAN” over the Bay of Bengal (16-21 May-2020)

Date/Base Time of Forecast (UTC)	Gale/ Squally wind Forecast at 0300 UTC of date	Realised wind
16.05.2020/0300	<ul style="list-style-type: none"> • Squally wind speed reaching 45 to 55 kmph gusting to 65 kmph is likely along and off Odisha coast from 19th morning and along and off West Bengal coast from 19th afternoon. The wind speed will gradually increase becoming gale wind speed reaching 75 to 85 kmph gusting to 95 kmph from 20th morning along and off north Odisha and West Bengal coast. It will gradually increase thereafter. • Squally wind speed reaching 45 to 55 kmph gusting to 65 kmph is likely over Andaman Sea during next 48 hours. • Squally wind speed reaching 45 to 55 kmph gusting to 65 kmph is prevailing over southeast and adjoining southwest Bay of Bengal. It is likely to increase becoming 90-100 gusting to 110 kmph over eastcentral and adjoining west central Bay of Bengal by 17th morning, 120-130 gusting to 145 kmph over southern parts of central Bay of Bengal by 18th morning, 155-165 gusting to 180 kmph over northern parts of central Bay of Bengal and adjoining north Bay of Bengal on 19th , and 160-170 gusting to 190 kmph over north Bay of Bengal by 20th morning. 	<p>155-165kmph gusting to 185 kmph along & off coastal Districts of West Bengal and 100-110 kmph gusting to 120 kmph along & off north coastal Districts of Odisha. Kolkata (Dum Dum) reported 130 kmph at 1855 hrs IST and Kolkata (Alipore) 112 kmph at 1752 hrs IST of 20th May. Also Canning reported 85 knots (91.57 kmph), Nimpith 84 knots (155 kmph) and Sagar islands 60 knots (111 kmph)</p>
17.05.2020/0300	<ul style="list-style-type: none"> • Squally wind speed reaching 45 to 55 kmph gusting to 65 kmph is likely to commence along and off south Odisha coast from 18th evening, extend to along & off north Odisha coast from 19th morning and along and off West Bengal coast from 19th afternoon. The wind speed will gradually increase becoming gale wind speed reaching 75 to 85 kmph gusting to 95 kmph from 20th morning along and off north Odisha and West Bengal coasts. It will gradually increase thereafter along & off West Bengal coast. • Squally wind speed reaching 45 to 55 kmph gusting to 65 kmph is likely over Andaman Sea during next 24 hours. • Squally wind speed reaching 80 to 90 kmph gusting to 100 kmph is prevailing over southeast and adjoining southwest Bay of Bengal. It is likely to increase becoming 125-135 gusting to 150 kmph over southern parts of central Bay of Bengal by 18th morning, 160-170 gusting to 190 kmph over northern parts of central Bay of Bengal and adjoining North Bay of Bengal on 	<p>Paradip reported 106 kmph at 0630 hrs IST (0100 UTC) , Chandbali, 80 kmph at 0830 hrs. IST (0300 UTC) and Balasore 91 kmph during 1330 – 1430 hrs. IST (0800 & 0900 UTC) of 20th May.</p>

	19th, and 155-165 gusting to 180 kmph over north Bay of Bengal during 20th May.	
18.05.2020/0300	<p>West Bengal & Odisha</p> <ul style="list-style-type: none"> • Squally wind speed reaching 45 to 55 kmph gusting to 65 kmph is likely to commence along and off south Odisha coast from 18th evening, increase becoming 55 to 65 kmph gusting to 75 kmph extend to along & off north Odisha coast from 19th morning and along and off West Bengal coast from 19th afternoon. • The wind speed will gradually increase becoming gale wind speed reaching 75 to 85 kmph gusting to 95 kmph from 20th morning along and off north Odisha (Jagatsinghpur, Kendrapara, Bhadrak, Balasore and Mayurbhanj districts) and West Bengal (east & west Medinipur, south & north 24 Parganas, Howrah, Hoogli, Kolkata Districts). It will gradually increase thereafter becoming 110 to 120 kmph gusting to 135 kmph along & off the above- mentioned districts of North Odisha. • Gale wind speed reaching 155 to 165 kmph gusting to 185 kmph very likely along & off east Medinipur and north & south 24 Parganas districts and 100-110 kmph gusting to 120 kmph over Kolkata, Hoogli, Howrah and West Mednipur Districts of West Bengal during the time of landfall (20th afternoon to night). • Squally wind speed reaching 55-65 kmph gusting to 75 kmph likely to prevail over Puri, Khordha, Cuttack, Jajpur districts of Odisha during 20th May 2020. <p>Deep Sea area</p> <ul style="list-style-type: none"> • Gale wind speed reaching 210-220 gusting to 240 kmph is prevailing over west-central and adjoining central parts of south Bay of Bengal. It is likely to increase becoming 220-230 gusting to 250 kmph over northern parts of central Bay of Bengal and adjoining North Bay of Bengal from tonight to 19th May morning, likely to increase further becoming 230-240 gusting to 255 kmph by tonight. • Gale wind speed reaching 220-230 gusting to 255 kmph over north Bay of Bengal from 19th morning and gradually decrease becoming 155-165 kmph gusting to 180 kmph by 20th evening. 	
19.05.2020/0300	<p>West Bengal & Odisha</p> <ul style="list-style-type: none"> • Squally wind speed reaching 45 to 55 kmph gusting to 65 kmph is prevailing along & off south Odisha coast. It is very likely to increase and extend northwards becoming 55 to 65 kmph gusting to 75 kmph northwards to north Odisha coast by today afternoon and along & off West Bengal coast by tonight. 	

	<ul style="list-style-type: none"> • The wind speed will gradually increase becoming gale wind speed reaching 75 to 85 kmph gusting to 95 kmph from 20th morning along and off north Odisha (Jagatsinghpur, Kendrapara, Bhadrak, Balasore and Mayurbhanj districts) coast and West Bengal (east & west Medinipur, south & north 24 Parganas, Howrah, Hoogli, Kolkata Districts) coast. It will gradually increase thereafter becoming 100 to 110 kmph gusting to 125 kmph along & off the above mentioned districts of North Odisha. • Gale wind speed reaching 155 to 165 kmph gusting to 185 kmph very likely along & off east Medinipur and north & south 24 Parganas districts and 110-120 kmph gusting to 130 kmph over Kolkata, Hoogli, Howrah and West Medinipur Districts of West Bengal during the time of landfall (20th afternoon to night). • Squally wind speed reaching 55-65 kmph gusting to 75 kmph likely to prevail over Puri, Khordha, Cuttack, Jajpur districts of Odisha during 20th May 2020. <p>Deep Sea area</p> <ul style="list-style-type: none"> • Gale wind speed reaching 225-235 gusting to 255 kmph is prevailing over westcentral Bay of Bengal. It is likely to prevail over northern parts of central Bay of Bengal and adjoining North Bay of Bengal during 19th May. • Gale wind speed reaching 180-190 gusting 210 kmph over north Bay of Bengal from 19th afternoon. It will gradually decrease becoming 165-175 kmph gusting to 195 kmph by 20th afternoon. 	
20.05.2020/0300	<p>West Bengal & Odisha</p> <ul style="list-style-type: none"> • Gale wind, speed reaching 90 to 100 kmph gusting to 110 kmph is prevailing along and off Jagatsinghpur, Kendrapara, Bhadrak, Balasore and Mayurbhanj districts of Odisha and squally wind speed reaching 55 to 65 kmph gusting to 75 kmph is prevailing along & off remaining coastal districts of Odisha (Puri, Khordha, Cuttack, Jajpur) during 20th May 2020. • It will gradually increase becoming 100 to 110 kmph gusting to 125 kmph along & off the above mentioned districts of North Odisha during forenoon to afternoon of 20th May 2020. • Gale wind speed reaching 80 to 90 kmph gusting to 100 kmph is prevailing along and off West Bengal coast (east & west Medinipur, south & north 24 Parganas, Howrah, Hoogli, Kolkata Districts). • Gale wind speed reaching 155 to 165 kmph gusting to 185 kmph very likely along & off east 	

	<p>Medinipur and north & south 24 Parganas districts and 110-120 kmph gusting to 130 kmph over Kolkata, Hoogli, Howrah and West Medinipur Districts of West Bengal during the time of landfall (20th afternoon to night).</p> <p>Deep Sea area</p> <ul style="list-style-type: none"> • Gale wind speed reaching 165-175 gusting to 195 kmph is prevailing over northwest and adjoining westcentral Bay of Bengal. Gale wind, speed reaching 150-160 gusting to 175 kmph is prevailing over northern parts of central Bay of Bengal. It will gradually decrease becoming 155-165 kmph gusting to 185 kmph over North Bay of Bengal during the evening hours of today, the 20th May. 	
21.05.2020/0300	Squally wind speed reaching 50 to 60 kmph gusting to 70 kmph very likely over Western Assam & Western Meghalaya till evening and reduce gradually thereafter.	

Severe Cyclonic Storm “NISARGA” over the east-central and adjoining southeast Arabian Sea (01st-04th June 2020)

Date/Base Time of observation	Gale/ Squally wind Forecast at 0300 UTC of date	Realised wind (kmph)
01.06.2020/0300	<ul style="list-style-type: none"> ➤ Squally wind, speed reaching 40-50 kmph gusting to 60 kmph, is prevailing over Eastcentral and adjoining southeast Arabian Sea. It is very likely to become 50-60 kmph gusting to 70 kmph over Eastcentral and adjoining southeast Arabian Sea during next 48 hours. It will gradually increase becoming Gale wind speed reaching 60-70 kmph gusting to 80 kmph over eastcentral Arabian Sea and along and off south Maharashtra coast from 2nd June morning and further becoming 105-115 kmph gusting to 125 kmph over eastcentral and northeast Arabian Sea along & off Maharashtra coast (Raigad, Mumbai, Palghar, Thane), 90- 100 kmph gusting to 110 kmph along & off Valsad, Navsari districts of Gujarat, and 80-90 kmph gusting to 100 kmph along & off Ratnagiri, Sindhudurg districts of Maharashtra, 70-80 kmph gusting to 90 kmph along & off Surat & Bharuch districts of south Gujarat from 3rd June evening. ➤ Squally wind, speed reaching 50-60 kmph gusting to 70 kmph is likely prevail over eastcentral Arabian Sea along and off Karnataka-Goa coasts during next 48 hours. ➤ Squally wind, speed reaching 40-50 kmph gusting to 60 kmph is likely to prevail over Lakshadweep area and along & off Kerala coast during next 48 hours. 	<p>Reported on 3rd June during and after the landfall in kmph are as given below: Devgad -92, Ratnagiri – 110, Harnai – 74, Alibag – 102, Mumbai (Colaba) – 92, Thane – 75, Rajgurunagar (Pune) – 65, Ahmadnagar – 50, Satara - 59</p>
02.06.2020/0300	<ul style="list-style-type: none"> ➤ Squally wind speed reaching 55-65 kmph gusting to 75 kmph, is prevailing over Eastcentral Arabian Sea. To increase becoming gale wind, speed reaching 60-70 kmph gusting to 80 kmph, over eastcentral Arabian Sea off south Maharashtra & Goa coasts from 2nd afternoon and further becoming 100-110 kmph gusting to 120 kmph over eastcentral Arabian Sea along & off Maharashtra (Raigad, Mumbai, Palghar, Thane) coast from 03rd June morning. Gale wind, speed reaching 80-90 kmph gusting to 100 kmph, likely along & off Valsad, Navsari districts of Gujarat, Daman ad along & off 	

	<p>northeast Arabian Sea, Ratnagiri, Sindhudurg districts of Maharashtra and 70-80 kmph gusting to 90 kmph along & off Surat & Bharuch districts of south Gujarat, Dadra & Nagar Haveli from 03rd June noon.</p> <ul style="list-style-type: none"> ➤ Squally wind, speed reaching 50-60 kmph gusting to 70 kmph is likely to prevail over northeast Arabian Sea along & off remaining districts of south Gujarat coast on 03rd June. ➤ Squally wind, speed reaching 50-60 kmph gusting to 70 kmph is likely to prevail over eastcentral Arabian Sea along and off Karnataka-Goa coasts during next 24 hours. 	
03.06.2020/0300	<p>Gale wind, speed reaching 100-110 kmph gusting to 120 kmph, is prevailing over Eastcentral Arabian Sea. From the Noon of today, the 3rd June, it will become Gale wind, speed reaching 100-110 kmph gusting to 120 kmph over eastcentral Arabian Sea along & off north Maharashtra coast (Raigad, Mumbai and adjoining Thane), 85-95 kmph gusting to 105 kmph. along & off Ratnagiri, Sindhudurg, Palghar and remaining areas of Thane. Gale wind, speed reaching 60-80 kmph gusting to 90 kmph, likely along & off Valsad, Navsari districts of Gujarat, Daman, Dadra & Nagar Haveli and along & off northeast Arabian Sea and 60-70 kmph gusting to 80 kmph along & off Surat & Bharuch districts of south Gujarat from today the 03rd June noon.</p> <ul style="list-style-type: none"> ➤ Squally wind, speed reaching 50-60 kmph gusting to 70 kmph is likely to prevail over northeast Arabian Sea along & off remaining districts of south Gujarat coast on 03rd June. ➤ Squally wind, speed reaching 50-60 kmph gusting to 70 kmph is likely to prevail over eastcentral Arabian Sea along and off Karnataka-Goa coasts during next 12 hours. 	
04.06.2020/0300	<ul style="list-style-type: none"> ➤ Squally wind, speed reaching 35-45 kmph gusting to 55 kmph, is prevailing over western Districts of Vidarbha and adjoining Madhya Pradesh. ➤ It is likely to reduce gradually during next 12 hours. 	

Very severe cyclonic storm “NIVAR” over the Bay of Bengal (22-27 November-2020)

Date/Base Time of observation	Gale/ Squally wind Forecast at 0300 UTC of date	Realised wind
24.11.2020/0300UTC	<ul style="list-style-type: none"> • Gale wind speed reaching 70-80 kmph gusting to 90 kmph is prevailing over Southwest Bay of Bengal. It would further increase becoming 100-110 kmph gusting to 120 kmph over the southwest Bay of Bengal from 25th November morning for subsequent 18 hours. • Squally wing speed reaching 30-40 kmph gusting to 50 kmph is prevailing along & off Tamil Nadu, Puducherry and adjoining South Andhra Pradesh coast and over Gulf of Mannar. It will gradually increase and become 100-110 kmph gusting to 120 kmph along & off coastal districts of north Tamil Nadu and Puducherry (Nagapattinam, Karaikal, Myladuthurai, Cuddalore, Puducherry, Villupuram; Chengalpattu districts; 80-90 kmph gusting to 100 kmph very likely over Tiruvarur, Kanchipuram, Chennai, Tiruvallaur districts) during forenoon to night of 25th November, 2020. • Gale wind speed reaching 65-75 kmph gusting to 85 kmph very likely over adjoining west central Bay of Bengal and along & off South Andhra Pradesh (Nellore & Chittoor districts), Gulf of Mannar and along and off districts of south coastal districts of Tamil Nadu during forenoon tonight of 25th November, 2020. 	It crossed Tamilnadu & Puducherry coasts as a very severe cyclonic storm with estimated wind speed of 120 kmph gusting to 135 kmph
25.11.2020/0300UTC	Gale wind speed reaching 105-115 kmph gusting to 130 kmph is prevailing over Southwest Bay of	

	<p>Bengal. It would further increase becoming 120-130 kmph gusting to 145 kmph during afternoon of 25th to early hours of 26th November.</p> <p>Squally wind speed reaching 55-65 kmph gusting to 75 kmph is prevailing along & off Tamil Nadu, Puducherry and adjoining South Andhra Pradesh coast and over Gulf of Mannar. It will gradually increase and become gale wind speed reaching 120-130 kmph gusting to 145 kmph along & off coastal districts of north Tamil Nadu and Puducherry (Nagapattinam, Karaikal, Myladuthurai, Cuddalore, Puducherry, Villupuram & Chengalpattu) and 80-90 gusting to 100 kmph very likely over Tiruvarur, Kanchipuram, Chennai, Tiruvallur districts during afternoon of 25th to early hrs of 26th November, 2020.</p> <p>Squally wind speed reaching 65-75 kmph gusting to 85 kmph very likely over adjoining westcentral Bay of Bengal and along & off South Andhra Pradesh (Nellore & Chittoor districts), Gulf of Mannar and along and off south coastal districts of Tamil Nadu during afternoon of 25th to early hrs of 26th November, 2020.</p>	
26.11.2020/0300UTC	<p>Gale wind speed reaching 70-80 kmph gusting to 90 kmph is prevailing over Southwest Bay of Bengal. It will gradually decrease becoming 50-60 kmph gusting to 70 kmph by evening of today, the 26 th November, 2020.</p> <p>Gale wind speed reaching 70-80 kmph gusting to 90 kmph is</p>	

	<p>prevailing along & off Puducherry, Villupuram, Chengalpattu, Kanchipuram, Chennai & Tiruvallur districts of north Tamil Nadu. It will gradually decrease becoming 50-60 kmph gusting to 70kmph by evening and squally wind speed reaching 35-45 kmph gusting to 55 kmph by night of today, the 26 th November, 2020.</p> <p>Gale wind speed reaching 45-55 gusting to 65 kmph very likely to prevail over interior districts (Ranipet, Tiruvannamalai, Tirupattur, Vellore) of Tamilnadu and Chittoor district of Andhra Pradesh till noon of today, 26th November, 2020 and gradual decrease thereafter.</p> <p>Gale wind speed reaching 35-45 gusting to 55 kmph very likely over Nagapattinam, Karaikal, Myladuthurai, Cuddalore & Tiruvarur districts of Tamilnadu during next 06 hours and gradual decrease thereafter.</p>	
<p>27.11.2020/0000UTC (last bulletin)</p>	<p>50 kmphgusting to 60 kmph is likely to prevail over westcentral Bay of Bengal and along & off south Andhra Pradesh coast during next 12hours.</p>	

**Cyclonic Storm “BUREVI” over the Bay of Bengal (30th
November - 05th December 2020)**

Date/Base Time of observation	Gale/ Squally wind Forecast at 0300 UTC of date	Realised wind speed
30.11.2020/0300UTC	<ul style="list-style-type: none"> • Squally wind speed reaching 45-55 kmph gusting to 65 kmph very likely over central parts of South Bay of Bengal on 30th November. • It would gradually increase becoming 55-65 kmph gusting to 75 kmph over southeast and adjoining southwest Bay of Bengal from 1st December night and 70-80 kmph gusting to 90 kmph over southwest Bay of Bengal, along & off Sri Lanka coast and 45-55 kmph gusting to 65 kmph over Comorin Area, Gulf of Mannar and south Tamilnadu-Kerala coasts from 2nd December forenoon for subsequent 24 hours. • The squally wind speed reaching 55-65 kmph gusting to 75 kmph is very likely to prevail over Gulf of Mannar, along & off south Tamilnadu & Kerala coasts, Comorin Area, Lakshadweep-Maldives area and adjoining southeast Arabian Sea from 3rd December morning for subsequent 48 hours. 	<p>Crossed Sri Lanka coast close to north of as a Cyclonic Storm with maximum sustained wind speed of 80-90 kmph gusting to 100 kmph.</p> <p>Crossed Pamban area as a cyclonic storm with maximum sustained wind speed of 60-70 kmph gusting to 80 kmph</p>
01.12.2020/0300UTC	<ul style="list-style-type: none"> • Squally wind speed reaching 50-60 kmph gusting to 70 kmph very likely over central parts of South Bay of Bengal during next 12 hours. 	

	<ul style="list-style-type: none">• It would gradually increase becoming gale wind speed reaching 60-70 kmph gusting to 80 kmph over southwest and adjoining southeast Bay of Bengal from 1st December evening. It would gradually increase becoming 70-80 kmph gusting to 90 kmph over southwest Bay of Bengal, along & off Sri Lanka coast from 2nd December morning for subsequent 24 hours.• Squally wind speed reaching 45-55 kmph gusting to 65 kmph very likely over Comorin Area, Gulf of Mannar and south Tamilnadu- Kerala coasts from 2nd December forenoon. It will gradually increase becoming 55-65 kmph gusting to 75 kmph over Gulf of Mannar, along & off south Tamilnadu & Kerala coasts, over Comorin Area, Lakshadweep-Maldives area and adjoining southeast Arabian Sea from 3rd December morning and 70-80 kmph gusting to 90 kmph from evening of 3rd December for subsequent 24 hours.	
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02.12.2020/0300UTC	<ul style="list-style-type: none"> • Gale wind speed reaching 75-85 kmph gusting to 95 kmph prevails over southwest Bay of Bengal and along & off Sri Lanka coast. It is very likely to increase becoming 80-90 kmph gusting to 100 kmph from afternoon for subsequent 12 hours. It will gradually decrease thereafter. • Squally wind speed reaching 45-55 kmph gusting to 65 kmph very likely over Comorin Area, Gulf of Mannar and along and off south Tamilnadu coast (Ramanathapuram, Thoothukudi, Tirunelveli and Kanniyakumari districts) and south Kerala coast (Thiruvananthapuram, Kollam, Pathanamthitta and Alappuzah districts). It will gradually increase becoming 55-65 kmph gusting to 75 kmph from 2nd December evening and 70-80 kmph gusting to 90 kmph from 3rd December forenoon for subsequent 24 hours and decrease thereafter. • Squally wind speed reaching 45-55 kmph gusting to 65 kmph very likely over Lakshadweep- Maldives area and adjoining southeast Arabian Sea from 3 rd December morning for next 48 hours. 	
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03.12.2020/0300UTC	<ul style="list-style-type: none"> • Gale wind speed reaching 70-80 kmph gusting to 90 kmph prevails around the system centre covering extreme north Sri Lanka and adjoining areas of Gulf of Mannar & southwest Bay of Bengal. • Squally wind speed reaching 55-65 kmph gusting to 75 kmph prevails along and off south Tamilnadu coast (Ramanathapuram, Thoothukudi, Tirunelveli and Kanniyakumari districts) and 30-40 kmph gusting to 50 kmph prevails along & off south Kerala coast (Thiruvananthapuram, Kollam, Pathanamthitta and Alappuzah districts). □ It will gradually increase becoming 70-80 kmph gusting to 90 kmph from 3rd December noon for subsequent 24 hours along and off south Tamilnadu coast (Ramanathapuram, Thoothukudi, Tirunelveli and Kanniyakumari districts) and 55-65 kmph gusting to 75 kmph prevails along & off south Kerala coast (Thiruvananthapuram, Kollam, Pathanamthitta and Alappuzah districts). and decrease thereafter. • Squally wind speed reaching 45-55 kmph gusting to 65 kmph very likely over Lakshadweep- Maldives area and adjoining southeast Arabian Sea on 3 rd and 4th December. 	
04.12.2020/0300UTC	<ul style="list-style-type: none"> • Squally wind speed reaching 50-60 kmph gusting to 70 kmph is very likely during next 12 hours along and off south Tamilnadu coast (Ramanathapuram, Thoothukudi, Tirunelveli and Kanniyakumari districts) and it will gradually decrease to 40-50 kmph gusting to 60 kmph by night of 4th December. • Squally wind speed reaching 35-45 kmph gusting to 55 kmph very likely to prevail along & off south Kerala coast (Thiruvananthapuram, Kollam, Pathanamthitta and Alappuzah districts) from tonight for subsequent 12 hours. 	

	<ul style="list-style-type: none"> • Squally wind speed reaching 35-45 kmph gusting to 55 kmph very likely over Lakshadweep- Maldives area and adjoining southeast Arabian Sea from early morning of 05th December. 	
<p>05.12.2020/0300 UTC</p>	<ul style="list-style-type: none"> • Squally wind speed reaching 40-50 kmph gusting to 60 kmph is very likely over Gulf of Mannar & adjoining southwest Bay of Bengal, along & off south Tamilnadu coast (Ramanathapuram, Thoothukudi, Tirunelveli and Kanniyakumari districts) during next 12 hours. It will gradually decrease to 35-45 kmph gusting to 55 kmph for subsequent 12 hours. • Squally wind speed reaching 35-45 kmph gusting to 55 kmph very likely over Lakshadweep- Maldives & Comorin area, southeast Arabian Sea and along & off south Kerala coast on 5th and 6th December. 	

Cyclonic Storm "PABUK" over Andaman Sea (04-08 January-2019)

Date/ Time of observation (0300 UTC)	Gale/ Squally wind Forecast for north Andhra Pradesh, Odisha and West Bengal	Realised wind speed
03/01/2019	Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely to commence over Andaman Sea along and off south Myanmar and Thailand coast from 4 th January evening. It is very likely to increase gradually becoming 55-65 kmph gusting to 75 kmph over Andaman Sea on 5 th and over Andaman Islands, Andaman Sea and adjoining areas of eastcentral and southeast Bay of Bengal on 6 th and 7 th .	The system crossed Andaman Islands as a deep depression with a wind speed of 55-65 kmph gusting to 75kmph.
04/01/2019	-do-	
05/01/2019	<ul style="list-style-type: none"> ● Gale wind speed reaching 70-80 kmph gusting to 90 kmph is likely to prevail over Andaman Sea and along & off south Myanmar & Thailand coasts till today, the 5th evening. ● Gale wind speed reaching 70-80 kmph gusting to 90 kmph is likely to prevail over Andaman Islands, Andaman Sea and adjoining areas of eastcentral and southeast Bay of Bengal from the 5th evening to 7th morning. It is very likely to gradually decrease thereafter becoming 50-60 kmph gusting to 70 kmph over southeast Bay of Bengal, Andaman Islands and adjoining Andaman Sea & eastcentral Bay of Bengal by 8th morning and 40-50 kmph gusting to 60 kmph over eastcentral and adjoining southeast Bay of Bengal by 8th evening. ● Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely over Nicobar Islands till 6th. 	

<p>06/01/2019 0300 UTC</p>	<ul style="list-style-type: none"> • Gale wind speed reaching 60-70 kmph gusting to 80 kmph is likely to prevail over Andaman Sea during next threehours. • It is very likely to gradually decrease thereafter becoming 55-65 kmph gusting to 75 kmph over southeast Bay of Bengal, Andaman Islands and adjoining Andaman Sea & eastcentral Bay of Bengal till today, the 6thJanuary 2019 night and 40-50 kmph gusting to 60 kmph over eastcentral and adjoining southeast Bay of Bengal by 7thmorning. • Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely to prevail over Nicobar Islands till today, the 6thJanuary 2019 night. 	
<p>07/01/2019 0300 UTC</p>	<ul style="list-style-type: none"> • Squally wind speed reaching 45-55 kmph gusting to 65 kmph is very likely to prevail over southeast Bay of Bengal, Andaman Islands and adjoining Andaman Sea & eastcentral Bay of Bengal during next 06 hours and 40-50 kmph gusting to 60kmph over eastcentral Bay of Bengal and adjoining Andaman Sea during subsequent 06 hours. 	

Very Severe Cyclonic Storm “Titli” over Eastcentral Bay of Bengal (08-13 October 2018)

Date/ Time of observation (UTC)	Gale/ Squally wind Forecast for north Andhra Pradesh, Odisha and West Bengal	Realised wind speed
08/10/2018 0300 UTC	<ul style="list-style-type: none"> • Squally wind speed reaching 45-55 kmph gusting to 65 kmph is very likely to commence along & off along north Andhra Pradesh, Odisha and West Bengal coast from 9th afternoon. • It is very likely to increase gradually becoming 70-80 kmph gusting to 90 kmph from 10th October 2018 evening onwards along & off south Odisha & adjoining districts of north Andhra Pradesh coasts and 55-65 kmph gusting to 75 kmph along & off north Odisha, west Bengal and remaining districts of north Andhra Pradesh coasts. 	<ul style="list-style-type: none"> • Gopalpur: Maximum wind speed of 126 kmph at 0430 hrs IST of 11th. • Gopalpur recorded 55 kmph wind Speed at 1730 IST of 11th and 45 kmph at 0830 IST of 12th October.
09/10/2018 0300 UTC	<ul style="list-style-type: none"> • Squally wind speed reaching 45-55 kmph gusting to 65 kmph is very likely to commence along & off along north Andhra Pradesh, Odisha and West Bengal coast from today, the 9th October night. • It is very likely to increase gradually becoming 80-90 kmph gusting to 100 kmph from 10th October 2018 evening onwards along & off south Odisha & adjoining districts of north Andhra Pradesh coasts and 55-65 kmph gusting to 75 kmph along & off north Odisha, west Bengal and remaining districts of north Andhra Pradesh coasts. 	
10/10/2018 0300 UTC	<ul style="list-style-type: none"> • Gale wind speed reaching 60-70 kmph gusting to 80 kmph is very likely to commence along & off north Andhra Pradesh and Odisha coasts from today afternoon. • It is very likely to increase gradually becoming 140-150 kmph gusting to 165 kmph from today, the 10th October 2018 night onwards along & off south Odisha & adjoining districts of north 	<ul style="list-style-type: none"> • Bhawanipatna (Kalahandi district) reported 52 kmph at 1730 IST of 11th. • Puri reported

	<p>Andhra Pradesh coasts and 70-80 kmph gusting to 90 kmph along & off north Odisha and remaining districts of north Andhra Pradesh coasts.</p> <ul style="list-style-type: none"> • Squally winds speed reaching 50-60 kmph gusting 70 kmph is very likely to commence along & off West Bengal coast from today afternoon and gradually increase to 60-70 kmph gusting 80 kmph from today night onwards. 	<p>59 kmph at 0530 IST of 12th.</p> <ul style="list-style-type: none"> • Paradip reported 35 kmph on 10th and 12th and 27 kmph on 11th
11/10/2018 0300 UTC	<ul style="list-style-type: none"> • Gale wind speed reaching 90-100 kmph gusting to 115 kmph very likely over Gajapati, Ganjam, Nayagarh Kandhamal & Raigada districts of Odisha during next three hours and gradually decrease thereafter becoming squally wind speed of 50-60 kmph gusting to 70 kmph by evening. Gale wind speed reaching 60-70 kmph gusting to 80 kmph very likely along & off south coastal Odisha during next three hours and squally wind speed of 40-50 kmph gusting to 60 kmph likely during subsequent 18 hours. • Squally wind speed of 40-50 kmph gusting 60 kmph very likely along & off north Odisha and West Bengal coasts during next 24 hours. Squally wind speed of 30-40 kmph gusting to 50 kmph is very likely over adjoining districts of north interior Odisha from today afternoon for subsequent 12 hours. 	<ul style="list-style-type: none"> • Estimated wind speed at the time of landfall : 140-150 kmph gusting to 165 kmph.
12/10/2018 0300 UTC	<ul style="list-style-type: none"> • Squally wind speed of 45-55 kmph gusting to 65 kmph very likely along & off Odisha and West Bengal and 35-45 kmph gusting to 55 kmph likely over adjoining areas of north interior Odisha during next 12 hours. 	

Very Severe Cyclonic Storm “Gaja” over southeast Bay of Bengal (10-19 November 2018)

Date/ Time of observation (UTC)	Gale/ Squally wind Forecast	Realised wind speed
10/11/2018 0300 UTC	<ul style="list-style-type: none"> • Squally wind speed reaching 45-55 kmph gusting to 65 kmph very likely over and around Andaman Islands and north Andaman Sea on 10th and 11th. • Squally wind speed reaching 45-55 kmph gusting to 65 kmph very likely over southeast & adjoining eastcentral Bay of Bengal on 10th. The wind speed will gradually increase becoming 50-60 kmph gusting to 70 kmph on 11th, • Gale wind speed reaching 65-75 kmph gusting to 85 kmph is very likely over central parts of south & adjoining west central and eastcentral Bay of Bengal from 11th November 2018 evening. It would gradually increase becoming 90-100 kmph gusting to 110 kmph over west central and adjoining southwest Bay of Bengal from 12th November 2018 evening • Squally wind speed reaching 45-55 kmph gusting 65 kmph likely to commence along and off north Tamil Nadu – south Andhra Pradesh coasts from 13th November evening. 	<p>Atiramapattinam reported maximum wind speed of 117 kmph at 0330 hrs IST, Nagapattinam reported 100 kmph during 0230-0330 IST and Karaikal reported 92 kmph at 0130 IST of 16th. Estimated maximum wind speed at the time of landfall was 130 kmph gusting to 145 kmph.</p>
11/11/2018 0300 UTC	<ul style="list-style-type: none"> • Squally wind speed reaching 45-55 kmph gusting to 65 kmph very likely over and around Andaman Islands and north Andaman Sea during next 12 hours. • Gale wind speed reaching 65-75 kmph gusting to 85 kmph prevails over Eastcentral and adjoining Westcentral & Southeast Bay of Bengal. It is very likely to increase gradually becoming 90-100 kmph gusting to 110 kmph over west central & adjoining southwest Bay of Bengal from morning of 12th November 2018. • Squally wind speed reaching 45-55 kmph gusting to 65 kmph likely to commence along & off north Tamil Nadu – south Andhra Pradesh coasts from 14th November morning. It is very likely to increase gradually becoming Gale wind speed 80-90 kmph gusting to 100 kmph along & off north Tamil Nadu – south Andhra Pradesh coasts over west central & adjoining southwest Bay of Bengal from 14th November mid-night onwards. 	

<p>12/11/2018 0300 UTC</p>	<ul style="list-style-type: none"> • Gale wind speed reaching 70-80 kmph gusting to 85 kmph prevails over Eastcentral and adjoining Westcentral & Southeast Bay of Bengal. It is very likely to increase gradually becoming 90-100 kmph gusting to 110 kmph over southwest & adjoining westcentral and southeast Bay of Bengal from morning of 13th November 2018. • Squally wind speed reaching 45-55 kmph gusting to 65 kmph likely to commence along & off north Tamil Nadu & Puducherry – south Andhra Pradesh coasts from 14th November morning. It is very likely to increase gradually becoming Gale wind speed 80-90 kmph gusting to 100 kmph along & off north Tamil Nadu & Puducherry coasts from 14th November night onwards. 	
<p>13/11/2018 0300 UTC</p>	<ul style="list-style-type: none"> • Gale wind speed reaching 70-80 kmph gusting to 90 kmph prevails over Westcentral and adjoining Eastcentral & South Bay of Bengal. It is very likely to increase gradually becoming 90-100 kmph gusting to 110 kmph over southwest & adjoining westcentral and southeast Bay of Bengal from 14th Nov. 2018. • Squally wind speed reaching 45-55 kmph gusting to 65 kmph very likely to commence along & off north Tamil Nadu & Puducherry and adjoining south Andhra Pradesh coasts from 14th November morning. It is very likely to increase gradually becoming Gale wind speed 80-90 kmph gusting to 100 kmph along & off Tamil Nadu & Puducherry coasts from 15th November morning onwards. • Strong wind speed reaching 30-40 kmph gusting to 50 kmph very likely over interior Tamilnadu, south Kerala, southeast Arabian Sea along & off Kerala coast, Comorian area, Gulf of Mannar and Palk Strait on 16th November. Strong wind speed reaching 30-40 kmph gusting to 50 kmph very likely to prevail over southeast Arabian Sea & along & off Kerala coast on 17th November. 	

<p>14/11/2018 0300 UTC</p>	<ul style="list-style-type: none"> • Gale wind speed reaching 70-80 kmph gusting to 90 kmph prevails over Southwest and adjoining southeast & westcentral Bay of Bengal. It is very likely to increase gradually becoming 90-100 kmph gusting to 110 kmph over these areas from today, the 14th November 2018 evening. • Squally wind speed reaching 45-55 kmph gusting to 65 kmph very likely to commence along & off Tamil Nadu & Puducherry and adjoining south Andhra Pradesh coasts from today, the 14th November 2018 evening. It is very likely to increase gradually becoming Gale wind speed 80-90 kmph gusting to 100 kmph along & off central parts of Tamil Nadu & Puducherry coasts from 15th November morning onwards. • Strong wind speed reaching 30-40 kmph gusting to 50 kmph very likely over interior Tamilnadu, Kerala, southeast Arabian Sea along & off Kerala coast, Comorian area, Gulf of Mannar and Palk Strait on 16th November. Strong wind speed reaching 30-40 kmph gusting to 50 kmph very likely to prevail over southeast Arabian Sea and along & off Kerala coast on 17th November. 	
<p>15/11/2018 0300 UTC</p>	<ul style="list-style-type: none"> • Squally wind speed reaching 45-55 kmph gusting to 65 kmph very likely to prevail along & off Tamil Nadu & Puducherry and adjoining south Andhra Pradesh coasts. It is very likely to increase gradually becoming Gale wind speed 80-90 kmph gusting to 100 kmph along & off central parts of Tamil Nadu & Puducherry coasts from today, the 15th November evening onwards. • Strong wind speed reaching 30-40 kmph gusting to 50 kmph very likely over interior Tamilnadu, Kerala, southeast Arabian Sea along & off Kerala coast, Comorian area, Gulf of Mannar and Palk Strait on 16th November. Strong wind speed reaching 30-40 kmph gusting to 50 kmph very likely to prevail over southeast Arabian Sea and along & off Kerala coast on 17th November. 	

<p>15/11/2018 1500 UTC</p>	<ul style="list-style-type: none"> • Gale wind speed reaching 60-70 kmph gusting to 80 kmph is prevailing along & off Tamil Nadu & Puducherry coasts. It is very likely to increase gradually becoming Gale wind speed 100-110 kmph gusting to 120 kmph along & off central parts of Tamil Nadu & Puducherry coasts during next 09 hours. • Strong wind speed reaching 30-40 kmph gusting to 50 kmph very likely over interior Tamilnadu, Kerala, southeast Arabian Sea along & off Kerala coast, Comorian area, Gulf of Mannar and Palk Strait on 16th November. Strong wind speed reaching 30-40 kmph gusting to 50 kmph very likely to prevail over southeast Arabian Sea and along & off Kerala coast on 17th November. 	
<p>16/11/2018 0300 UTC</p>	<ul style="list-style-type: none"> • Gale wind speed reaching 65-75 kmph gusting to 85 kmph very likely over central parts of Tamil Nadu during next 03 hours. It would gradually decrease becoming squally wind speed reaching 50-60 kmph gusting to 70 kmph over these areas during subsequent six hours. • Strong wind speed reaching 30-40 kmph gusting to 50 kmph very likely over remaining parts of Tamilnadu, Kerala, southeast Arabian Sea along & off Kerala coast, Comorian area, Gulf of Mannar on 16th November. Strong wind speed reaching 30-40 kmph gusting to 50 kmph very likely to prevail over southeast Arabian Sea and along & off Kerala coast on 17th November. • Squally wind speed reaching 40-50 kmph gusting 50 kmph is likely to prevail along and off Tamil Nadu coast during next 6 hours. 	
<p>17/11/2018 0300 UTC</p>	<ul style="list-style-type: none"> • Squally wind speed reaching 55-65 kmph gusting to 75 kmph is prevailing over Southeast Arabian Sea and Lakshadweep Area. It is very likely to gradually increase becoming gale wind speed reaching 70-80 kmph gusting to 90 kmph during next 24 hours. • Squally wind speed reaching 40-50 kmph gusting to 60 kmph very likely along & off Kerala coast during next 24 hours. 	

<p>18/11/2018 0300 UTC</p>	<ul style="list-style-type: none"> • Squally wind speed reaching 40-50 kmph gusting to 60 kmph is very likely to prevail over Lakshadweep Area during next 12 hours and decrease thereafter. • Squally wind speed reaching 55-65 kmph gusting to 75 kmph is likely to prevail over Southeast Arabian Sea to the west of Lakshadweep area on today, the 18th November, 2018. • Squally wind speed reaching 45-55 kmph gusting to 65 kmph is very likely to prevail over central parts of south Arabian Sea on 19th November and southwest Arabian Sea on 20th November, 2018. 	
<p>19/11/2018 0300 UTC</p>	<ul style="list-style-type: none"> • Squally wind speed reaching 45-55 kmph gusting to 65 kmph is likely to prevail over Southeast Arabian Sea to the west of Lakshadweep area during next 12 hours and decrease thereafter. • Squally wind speed reaching 45-55 kmph gusting to 65 kmph is very likely to prevail over central parts of south Arabian Sea on today, the 19th November and 40-50 kmph gusting to 60 kmph over southwest Arabian Sea on 20th November, 2018. 	

CS Maarutha, 2017

Date/ Time(IST)	Sqall/ Gale wind Forecast	Recorded wind speed (knots)
15.04.2017 0300 UTC	Squally winds speed reaching 50-60 kmph gusting to 70 kmph would prevail over Andaman Islands and adjoining Sea areas during next 48 hours.	40-50 kmph
16.04.2017 0300 UTC	Squally winds speed reaching 45-55 kmph gusting to 65 kmph would prevail over Andaman Islands and adjoining Sea areas during next 12 hours.	

SCS Mora, 2017

Date/ Time(UTC)	Squally wind Forecast	Recorded windspeed
28.05.2017 0300	Squally winds speed reaching 40-50 kmph gusting to 60 kmph would prevail along & off Andaman Islands and adjoining Sea areas during next 48 hours. Squally winds speed reaching 45-55 kmph gusting to 65 kmph would prevail over South Assam, Meghalaya, Mizoram, Manipur and Tripura on 30 th May and along & off West Bengal coast on 29 th & 30 th .	Aizawl/ Lengpui : 35 knots on 30 th May 2017
29.05.2017 0300	-do-	
30.05.2017 0300	Squally winds speed reaching 60-70 kmph gusting to 80 kmph would prevail over Mizoram and Tripura during next 24 hours. Squally winds speed reaching 45-55 kmph gusting to 65 kmph would prevail over South Assam, Meghalaya & Manipur and along & off West Bengal coast during next 24 hours.	

VSCS OCKHI, 2017

Date/Time of issue (basetime) (hours IST)	Gale wind Forecast	Recorded wind speed
29.11.2017 1150 (0830)	<ul style="list-style-type: none"> • Squally winds reaching 45-55 kmph gusting to 65 kmph is very likely along and off South Tamil Nadu and South Kerala during next 48 hours and over Lakshadweep Islands and adjoining sea areas on 01st and 02nd December. 	Thiruvananthapuram recorded 62 kmph in gustiness at 1300 IST of 30 th Nov.
30.11.2017 1200 (0830)	<ul style="list-style-type: none"> • Gale wind speed reaching 65-75 kmph gusting to 85 kmph very likely along & off South Kerala during next 48 hours and along & off south Tamilnadu during next 24 hours. • Squally winds speed reaching 55-65 kmph gusting to 75 kmph very likely along & around Lakshadweep Islands during next 12 hours and increase thereafter with wind speeds becoming 80-90 kmph gusting to 100 kmph from tonight, the 30th November 2017. 	
01.12.2017 1130 (0830)	<ul style="list-style-type: none"> • Gale winds speed reaching 110-120 kmph gusting to 130 kmph very likely over & around Lakshadweep Islands during next 24 hours and gradual decrease thereafter. • Squally wind speed reaching 45-55 kmph gusting to 65 kmph very likely along & off Kerala during next 24 hours and along & off Karnataka coast during next 24 hours. 	
02.12.2017 1130 (0830)	<ul style="list-style-type: none"> • Gale winds speed reaching 100-110 kmph gusting to 120 kmph very likely over & around north Lakshadweep Islands during next 24 hours and gradual decrease thereafter. Gale winds speed reaching 70-80 kmph gusting to 90 kmph very likely south Lakshadweep Islands during next 12 hours and gradual decrease thereafter. • Squally wind speed reaching 45-55 kmph gusting to 65 kmph very likely along & off Kerala coast during next 24 hours and along & off Karnataka coast during next 48 hours. 	

03.12.2017 1130 (0830)	<ul style="list-style-type: none"> • Squally winds speed reaching 50-60 kmph gusting to 70 kmph very likely over & around north Lakshadweep Islands during next 12 hours and gradual decrease thereafter. • Squally wind speed reaching 45-55 kmph gusting to 65 kmph very likely along & off north Maharashtra and South Gujarat coasts from 4th night to 6th December 2017 morning. 	
04.12.2017 1200 (0830)	<ul style="list-style-type: none"> • Squally wind speed reaching 50-60 kmph gusting to 70 kmph very likely along & off north Maharashtra and South Gujarat coasts from today, the 4th night to 6th December 2017 morning. 	
05.12.2017 1150 (0830)	<ul style="list-style-type: none"> • Squally wind speed reaching 50-60 kmph gusting to 70 kmph very likely along & off north Maharashtra and South Gujarat coasts during next 24 hours. 	
06.12.2017 1150 (0830)	<ul style="list-style-type: none"> • Squally winds speed reaching 40-50 kmph gusting to 60 kmph very likely over and around Nicobar Islands during next 24 hours and decrease thereafter. • Squally winds speed reaching 40-50 kmph gusting to 60 kmph very likely to prevail along and off Andhra Pradesh and south Odisha coasts from 7th evening to 9th December morning and decrease thereafter. 	

CS Roanu, 2016

Date/ Time(IST)	Sqall/ Gale wind Forecast	Recorded wind speed (knots)
17.05.2016 0300 UTC	Squally wind speed reaching 50-60 kmph gusting to 70 kmph along and off north Tamil Nadu & Puducherry and south Andhra Pradesh coasts during next 48 hours.	Cox'Bazar : 45 Sitakunda : 40 Comilla : 40
18.05.2016 0300 UTC	Squally wind speed reaching 55-65 kmph gusting to 75 kmph along and off north Tamil Nadu & Puducherry during next 24 hours. Wind speed reaching 55-65 kmph gusting to 75 kmph along and off Andhra Pradesh coasts during next 12 hours and speed reaching 65-75 kmph gusting to 85 kmph is very likely to prevail over the same region during subsequent 24 hours. Squally wind speed reaching 60-70 kmph gusting to 80 kmph around the landfall point over Bangladesh.	Sandwip : 38 Khepupara and Maijdee Court : 35 knots each at the time of landfall Bhubaneswar : 24 knots around midnight of 19 th May.
19.05.2016 0300 UTC	Wind speed reaching 90-100 kmph gusting to 110 kmph along and off North Andhra Pradesh coasts during next 12 hours and speed reaching 100-110 gusting to 120 kmph during next 36 hours. Squally wind speed reaching 60-70 kmph gusting to 80 kmph to commence over south Odisha coast tonight and wind speed reaching 90-100 kmph gusting to 110 kmph from tomorrow morning Squally wind speed reaching 45-55 kmph gusting to 65 kmph to prevail along and off north Tamil Nadu & Puducherry during next 24 hours. Squally wind speed reaching 60-70 kmph gusting to 80 kmph between khepupara and Cox's Bazar in the night of 21 st and early morning of 22 nd .	
20.05.2016 0300 UTC	Wind speed reaching 90-100 kmph gusting to 110 kmph to prevail along & off North coastal Andhra Pradesh during next 12 hours. Wind speed reaching 90-100 kmph gusting to 110 kmph to prevail along & off Odisha coast and 60-70 gusting to 80 kmph along & off West Bengal coast during next 48 hours. Squally wind speed reaching 50-60 gusting to 70 kmph between khepupara and Cox's Bazar close to Chittagong in the night of 21 st .	

21.05.2016 0300 UTC	Wind speed reaching 50-60 kmph gusting to 70 kmph to prevail along & off West Bengal coast during next 12 hours and decrease thereafter. Squally wind speed reaching 40-50 kmph gusting to 60 kmph to prevail over south Assam, Manipur, Mizoram & Tripura during next 24 hours. Squally wind speed reaching 70-80 gusting to 90 between close to Chittagong in the evening of 21 st .	
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CS KYANT, 2016

wind warning issued by IMD and realized wind		
Date /Time	Warning issued	Realised wind speed (kmph)
21-Oct-2016 0830 IST	Squally winds speed reaching 45-55 kmph gusting to 65 kmph over Andaman Islands & adjoining Sea areas during next 48 hours.	21 Oct 2016 Portblair: 61 (20.02 IST) Nancowry: 22 (17.30 IST)
22-Oct-2016 0830 IST	Squally winds speed reaching 45-55 kmph gusting to 65 kmph over Andaman Islands and adjoining Sea areas during next 48 hours.	
23-Oct-2016 0830 IST	Squally winds speed reaching 45-55 kmph gusting to 65 kmph over Andaman Islands & adjoining Sea areas during next 24 hours.	22 Oct 2016 Portblair: 70 (16.53 IST) Nancowry: 19 (08.30 IST)
24-Oct-2016 0830 IST	Squally winds speed reaching 45-55 kmph gusting to 65 kmph along and off Odisha and west Bengal coasts from 27 th October 2016.	23 Oct 2016 Portblair: 51(10.26 IST)
25-Oct-2016 0830 IST	Squally winds speed reaching 45-55 kmph gusting to 65 kmph along and off Odisha and north coastal Andhra Pradesh coasts from 27 th October 2016 onwards.	27 Oct 2016 Visakhapatnam 32 (10.26 IST and 18.45 IST)
26-Oct-2016 0830 IST	Squally winds speed reaching 45-55 kmph gusting to 65 kmph along & off south Odisha on 27 th and along & off Andhra Pradesh coasts from 27 th to 30 th October 2016	28 Oct 2016 Visakhapatnam 24 (00.10 IST)
27-Oct-2016 0830 IST	Squally winds speed reaching 35-45 kmph gusting to 55 kmph along & off Andhra Pradesh coast during next 24 hours.	
28-Oct-2016 0830 IST	Squally winds speed reaching 35-45 kmph gusting to 55 kmph along & off Andhra Pradesh coast during next 24 hours.	

CS Nada, 2016

Date/ Time(IST)	Sqall/ Gale wind Forecast	Recorded wind speed (knots)
30.11.2016 0300 UTC	Squally wind speed reaching 45-55 kmph gusting to 65 kmph along and off Tamil Nadu & Puducherry coasts from 1 st December morning.	35-45 kmph along Tamil Nadu coast
01.12.2016 0300 UTC	Squally wind speed reaching 45-55 kmph gusting to 65kmph along and off Tamil Nadu & Puducherry coasts during next 24 hrs.	

VSCS Vardah, 2016

Date/ Time(UTC)	Gale wind Forecast	Recorded wind speed
06.12.2016 0900	Squally winds speed reaching 40-50 kmph gusting to 60 kmph over Andaman & Nicobar Islands and adjoining sea areas during next 48 hrs.	Andaman & Nicobar Islands: 50-60 kmph on 8 th .
07.12.2016 0300	- do-	
08.12.2016 0300	Squally winds speed reaching 45-55 kmph gusting to 65 kmph over Andaman Islands & adjoining sea areas during next 24 hrs and Nicobar Islands & adjoining sea areas during next 12 hrs. Squally winds speed reaching 40-50 kmph gusting to 60 kmph would prevail along and off Andhra Pradesh coast commencing from 11 th December night.	Chennai High wind speed recorder: 96 kmph,
09.12.2016 0300	Squally winds speed reaching 35-45 kmph gusting to 55 kmph over Andaman and Nicobar Islands & adjoining sea areas during next 12 hrs and gradually decrease thereafter. Squally winds speed reaching 40-50 kmph gusting to 60 kmph along and off Andhra Pradesh coast commencing from 11 th December night.	Dynes Pressure Tube Anemograph
10.12.2016 0300	Squally winds speed reaching 40-50 kmph gusting to 60 kmph along and off Andhra Pradesh and adjoining north Tamil Nadu coasts commencing from 11 th December night.	,Chennai: 114 kmph
11.12.2016 0000 (36 hours in advance)	Squally winds speed reaching 40-50 kmph gusting to 60 kmph along and off Andhra Pradesh and adjoining north Tamil Nadu coasts commencing from 11 th December night. It will gradually increase becoming 80-90 kmph gusting to 100 kmph during the time of landfall along and off Chennai, Thiruvallur and Kanchipuram districts of Tamil Nadu, Puducherry and Nellore and	ISRO, Sriharikota: 99 kmph.
12.12.2016 0300	Gale winds speed reaching 100-110 kmph gusting to 120 kmph during next 12 hours along & off Chennai, Thiruvallur and Kanchipuram districts of Tamil Nadu and Nellore and Prakasam districts of Andhra Pradesh. Squally wind speed reaching 50-60 kmph gusting to 70 kmph along and off remaining districts of north Tamilnadu & Puducherry and south Andhra Pradesh coasts during the same period.	

CS Komen, 2015

Date/ Time(UTC)	Gale wind Forecast	Recorded wind speed
30.07.15 0000	Squally wind speed reaching 50-60 kmph gusting to 70 kmph along and off West Bengal & north Odisha coasts during next 48 hours. Squally wind speed reaching 40-50 kmph gusting to 60 kmph over Mizoram and Tripura commencing from today evening for next 24 hours and over Gangetic West Bengal from tomorrow morning.	60-70 kmph at the time of landfall. Chittagong reported 44 kmph at 1735 UTC of 30 th July.
30.07.15 1200	Squally wind speed reaching 50-60 kmph gusting to 70 kmph along and off West Bengal & north Odisha coasts during next 48 hours. Squally wind speed reaching 40-50 kmph gusting to 60 kmph over Mizoram and Tripura commencing from today evening for next 24 hours and over Gangetic West Bengal from tomorrow morning.	30 - 40 kmph around the system centre reported at the inland stations over West Bengal, Odisha and Jharkhand
31.07.15 0000	Squally wind speed reaching 45-55 kmph gusting to 65 kmph along and off West Bengal & north Odisha coasts during next 24 hours. Squally wind speed reaching 40-50 kmph gusting to 60 kmph over Mizoram and Tripura during next 12 hours and over Gangetic West Bengal during next 24 hours.	
31.07.15 1200	Squally wind speed reaching 35-45 kmph gusting to 55 kmph along and off West Bengal & north Odisha coasts during next 24 hours. Strong wind speed reaching 30-40 kmph gusting to 50 kmph over Mizoram, Tripura and Gangetic West Bengal during next 12 hours	
01.08.15 0000	Squally wind speed reaching 35-45 kmph gusting to 55 kmph along and off West Bengal & north Odisha coasts during next 24 hours. Strong wind speed reaching 30-40 kmph gusting to 50kmph over Gangetic West Bengal during next 12 hours.	
01.08.15 1200	Strong wind speed reaching 30-40 kmph gusting to 50kmph over Gangetic West Bengal around the Depression centre during next 24 hours.	
02.08.15 0000	Strong wind speed reaching 30-40 kmph gusting to 50 kmph around the Depression centre over Jharkhand and adjoining West Bengal during next 24 hours.	

CS NANAUK, 2014

Date	Forecast wind (kmph)	Actual wind (kmph)
10. 06.2014 (0900 UTC)	Strong wind of 35-45 kmph gusting to 55 kmph would prevail along and off south Gujarat, Konkan and Goa coasts	Strong wind of 35-45 kmph prevailed along and off south Gujarat, Konkan and Goa coasts
11. 06.2014 (0000 UTC)	Strong wind of 35-45 kmph gusting to 55 kmph would prevail along and off south Gujarat, Konkan and Goa coasts	
12. 06.2014 (0000 UTC)	Strong wind of 35-45 kmph gusting to 55 kmph would prevail along and off south Gujarat, Konkan and Goa coasts	
13. 06.2014 (0000 UTC)	Strong wind of 35-45 kmph gusting to 55 kmph would prevail along and off south Gujarat, Konkan and Goa coasts	
14. 06.2014 (0000 UTC)	Strong wind of 30-40 kmph gusting to 50 kmph would prevail along and off south Gujarat, Konkan and Goa coasts	

VSCS, HUDHUD, 2014

Date/ Time(UT C)	Gale wind Forecast	Recorded wind
06.10.14 (0300)	Andaman and Nicobar Islands: Squally wind speed reaching 45-55 kmph during next 24 hours. The wind speed would increase gradually reaching gale wind speed upto 70-80 kmph on 8 th October 2014.	08 October 2014:
07.10.14/ (0300)	Andaman and Nicobar Islands: Squally wind speed reaching 45-55 kmph during next 12 hours. The wind speed would increase gradually reaching gale wind speed of 70-80 kmph by 8 th morning, October 2014.	Port Blair: 88 kmph 09 October 2014:
08.10.14/ (0300)	North Andhra Pradesh and Odisha coasts: Squally wind speed reaching 50-60 kmph gusting to 70 kmph would commence from 11th morning onwards. The wind speed would increase to 130-140 kmph gusting to 150 from 12th morning.	Port Blair: 60 kmph
09.10.14/ (0300)	North Andhra Pradesh and South Odisha coasts: Squally wind speed reaching 50-60 kmph gusting to 70 kmph would commence along and off North Andhra Pradesh and South Odisha coasts from 11th morning onwards. The wind speed would increase to 130-140 kmph gusting to 155 kmph from 12th morning along and off North Andhra coast and 80-90 kmph along and off South Odisha coast.	10 October 2014: Port Blair: 64 kmph
10.10.14/ (0300)	Andhra Pradesh and South Odisha coasts: Squally wind speed reaching 50-60 kmph gusting to 70 kmph would commence along and off North Andhra Pradesh and South Odisha coasts from 11th morning onwards. The wind speed would gradually increase to 130-140 kmph gusting to 155 kmph from 12 th morning along and off North Andhra coast (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts) and 80-90 kmph along and off adjoining districts of South Andhra (West Godavari, Krishna districts) and South Odisha (Ganjam, Gajapati, Koraput and Malkangiri districts).	11 October 2014: Machilipatnam: 88 kmph Visakhapatnam: 74 kmph 12 October 2014:
10.10.14/ 2030	Andhra Pradesh and South Odisha coasts: Squally wind speed reaching 50-60 kmph gusting to 70 kmph would commence along & off North Andhra Pradesh and South Odisha coasts from 11th	Visakhapatnam: 185 kmph

	<p>morning onwards. The wind speed would gradually increase to 140-150 kmph gusting to 165 kmph from 12th morning along & off North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts) and 80-90 kmph along and off adjoining districts of South Andhra Pradesh (West Godavari, Krishna districts) and South Odisha (Ganjam, Gajapati, Koraput and Malkangiri districts).</p>	
11.10.14/ (0300)	<p>Andhra Pradesh and South Odisha coasts: Squally wind speed reaching 50-60 kmph gusting to 70 kmph would prevail along & off North Andhra Pradesh and South Odisha coasts during next 12 hrs. The wind speed would gradually increase to 170-180 kmph gusting to 195 kmph around the time of landfall along & off North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts) and 80-90 kmph along and off adjoining districts of South Andhra Pradesh (West Godavari, Krishna districts) and south Odisha (Ganjam, Gajapati, Koraput and Malkangiri districts).</p>	
12.10.14/ (0300)	<p>Andhra Pradesh and South Odisha coasts: Gale wind speed upto to 170-180 kmph gusting to 195 kmph would prevail along & off North Andhra Pradesh (East Godavari, Visakhapatnam, Vizianagaram and Srikakulam districts), 80-90 kmph along and off adjoining districts of Andhra Pradesh (West Godavari & Krishna districts) and south Odisha (Ganjam, Gajapati, Koraput and Malkangiri districts).</p>	

VSCS, Nilofar 2014

Date/ Time(IST)	Gale wind Forecast	Recorded wind
26.10.2014 / 1430	squally winds speed reaching 45-55 kmph gusting to 65 kmph would commence along and off Gujarat coast from 30 th October morning.	Gujarat: 31st October 2014 Dwarka recorded 30 kmph at 1435 IST and Okha recorded 25 kmph at 1828 IST Deesa recorded wind speed of 20 kmph.
27.10.2014 / 0530	Squally winds speed reaching 45-55 kmph gusting to 65 kmph would commence along and off Gujarat coast from 30 th October morning and would become 100-110 kmph gusting to 125 kmph at the time of landfall	
28.10.2014 / 0530	squally winds speed reaching 45-55 kmph gusting to 65 kmph would commence along and off Gujarat coast from 31 st October night and would become 80-90 kmph gusting to 100 kmph at the time of landfall.	
29.10.2014 / 0830	Squally winds speed reaching 45-55 kmph gusting to 65 kmph would commence along and off Gujarat coast from 31 st October and would become 60-70 kmph gusting to 80 kmph at the time of landfall.	
29.10.2014 /1730	squally wind speed reaching 40-50 kmph gusting to 60 kmph would prevail along and off Gujarat coast on 31 st October.	
31.10.2014 /0230	Squally wind speed reaching 35-45 kmph gusting to 55 kmph would prevail along and off Gujarat coast today the 31 st October.	

Cyclonic storm 'Viyaru' over the Bay of Bengal (10-16 May, 2013)

Date/ Time(UTC)	Forecast wind	Actual wind
16 May 2013 1200 UTC	Bangladesh: 75-85 kmph gusting to 95 kmph Mizoram, Manipur and Tripura : 55-65 kmph gusting to 75 kmph	Bangladesh: Patuakhali : 92 kmph Mizoram, Manipur and Tripura : 35-45 kmph
15 May 2013 1200 UTC	Bangladesh: 80-90 kmph gusting to 100 kmph Mizoram, Manipur and Tripura : 55-65 kmph gusting to 75 kmph	Agartala (Tripura) : 35 kmph
14 May 2013 1200 UTC	Bangladesh: 65-75 kmph gusting to 85 kmph Mizoram and Tripura : 45-55 kmph gusting to 65 kmph	Lengpui (Mizoram) : 33 kmph
13 May 2013 1200 UTC	Bangladesh: 65-75 kmph gusting to 85 kmph Mizoram and Tripura : 45-55 kmph gusting to 65 kmph	
12 May 2013 1200 UTC	Bangladesh: 65-75 kmph gusting to 85 kmph	
11 May 2013 1200 UTC	Bangladesh: 65-75 kmph gusting to 85 kmph	

Very Severe Cyclonic Storm (VSCS) Phailin over the Bay of Bengal (08-14 October 2013)

Date/ Time(IST)	Forecast Wind	Observed Wind
Andaman and Nicobar Islands		
08.10.13/ 0830	Squally winds speed reaching 45-55 kmph gusting to 65 kmph would prevail over Andaman Nicobar Islands and adjoining sea areas during next 48 hours. Sea condition will be rough to very rough along and off Nicobar Islands during this period.	Observed maximum wind is about 50-60 kmph
09.10.13/ 0830	Squally/Gale winds speed reaching 60-70 kmph gusting to 80 kmph would prevail over Andaman Nicobar Islands and adjoining sea areas during next 48 hours. Sea condition will be very rough to high along and off Andaman and Nicobar Islands during next 24 hrs.	
09.10.13/ 1730	Squally winds speed reaching 50-60kmph gusting to 70 kmph would prevail over Andaman Nicobar Islands and adjoining sea areas during next 24 hours. Sea condition will be very rough along and off Andaman and Nicobar Islands during next 24 hrs.	
East Coast		
10.10.13/ 0830	Squally winds speed reaching 45-55 kmph gusting to 65 kmph would commence along and off Odisha and north Andhra Pradesh coast from 11 th morning. It would increase in intensity with gale wind speed reaching 175-185 kmph along and off coastal districts of north coastal Andhra Pradesh and south Odisha at the time of landfall.	Observed maximum wind is about 115 Knots (200-210 gusting to 220 kmph)
11.10.13/ 0830	Squally winds speed reaching 45-55 kmph gusting to 65 kmph would prevail along and off Odisha and north Andhra Pradesh coast during next 12 hrs. It would increase in intensity thereafter with gale wind speed reaching 210-220 kmph along and off coastal districts of north coastal Andhra Pradesh and south Odisha at the time of landfall.	

Severe Cyclonic Storm 'Helen' over Bay of Bengal (19-23 Nov 2013)

Date & Time of Issue	Wind forecast issued	Actual wind (kmph)
19.11.2013 0300 UTC	45-55 kmph gusting to 65 kmph along and off Andhra Pradesh coast commencing from 21 st November 2013.	80 – 90 kmph gusting to 100 kmph at the time of landfall along the coastal districts nearer to landfall point.
19.11.2013 0600 UTC	45-55 kmph gusting to 65 kmph along and off Andhra Pradesh coast commencing from 21 st November 2013.	
19.11.2013 1500 UTC	55-65 kmph gusting to 75 kmph along and off Andhra Pradesh coast commencing from 20 st November 2013. It would gradually increase to 80-90 gusting to 100 kmph at the time of landfall.	
20.11.2013 0300 UTC	55-65 kmph gusting to 75 kmph along and off Andhra Pradesh coast commencing from 20 st November 2013. It would gradually increase to 100-110 gusting to 120 kmph at the time of landfall	
21.11.2013 0300 UTC	55-65 kmph gusting to 75 kmph along and off Andhra Pradesh coast commencing from 21 st November 2013. It would gradually increase to 100-110 gusting to 120 kmph at the time of landfall over Guntur, Krishna, east and west Godavari districts. 45-55 kmph gusting to 65 kmph along and off remaining parts of Andhra Pradesh coasts commencing from 21 st evening and reach upto 60-70 kmph at the time of landfall.	
22.11.2013 0300 UTC	Gale winds speed reaching 100-110, gusting to 120 kmph over Prakasham, Guntur, Krishna, east & west Godavari & Vishakhapatnam districts. Squally winds speed reaching 55-65 kmph gusting to 75 kmph would prevail along and off Andhra Pradesh coasts.	

Very Severe Cyclonic Storm VSCS 'Lehar'(23-28 November, 2013)

Date & time	Warning issued	Realised wind
23 th November 0300 UTC	Squally winds - Squally winds speed reaching 45-55 kmph gusting to 65 kmph would prevail along and off Andaman & Nicobar island. The wind speed would gradually increase and become 80-90 kmph gusting to 100kmph from 24 th evening along and off this coast.	Port Blair reported 120 kmph at the time of landfall. Maximum surface wind speed was about 45-55 kmph at the time of landfall near Machilipatnam.
24 th November 0300 UTC	Squally winds speed reaching 50-60 kmph gusting to 70 kmph would prevail along and off Andaman & Nicobar Islands. The wind speed would gradually increase and become 80-90 kmph gusting to 100 kmph from 24 th evening along and off this coast.	
25 th November 0300 UTC	Gale winds speed reaching 80-90 kmph gusting to 100 kmph would prevail along and off Andaman & Nicobar Islands during next 6 hrs and gradually decrease thereafter.	
26 th November 0300 UTC	Squally winds speed reaching 45-55 kmph gusting to 65 kmph would commence along and off Andhra Pradesh and south Odisha coasts from 27 th evening. It would increase in intensity with gale wind speed reaching 170-180 kmph gusting to 200 kmph along and off coastal districts of Krishna, west & east Godavari and Vishakhapatnam districts and 120-130 kmph gusting to 140 kmph over Vizianagarm, Srikakulam and Guntur districts of coastal Andhra Pradesh at the time of landfall. Squally winds speed reaching 55-65 kmph gusting to 75 kmph would prevail along and off remaining districts of Andhra Pradesh and south Odisha at the time of landfall.	

<p>27th November 0300 UTC</p>	<p>Squally winds speed reaching 45-55 kmph gusting to 65 kmph would commence along and off Andhra Pradesh from 27th evening. It would increase in intensity with gale wind speed reaching 150-160 kmph gusting to 170 kmph along and off coastal districts of Guntur, Krishna, west & east Godavari and Vishakhapatnam districts of Andhra Pradesh and Yanam district of Puducherry and 100-110 kmph gusting to 120 kmph over Vizianagaram and Prakasham districts of coastal Andhra Pradesh at the time of landfall. Squally winds speed reaching 55-65 kmph gusting to 75 kmph would prevail along and off remaining districts of Andhra Pradesh at the time of landfall. Squally winds speed reaching 40-50 kmph gusting to 60kmph would prevail along and off south coastal Odisha on 28th Nov 2013.</p>	
<p>27th November 1200 UTC</p>	<p>Squally winds speed reaching 45-55 kmph gusting to 65 kmph would prevail along and off Andhra Pradesh during next 24 hours. It would increase in intensity with gale wind speed reaching 70-80 kmph gusting to 90 kmph along and off coastal districts of Guntur, Krishna, west & east Godavari and adjoining areas of Vishakhapatnam districts of Andhra Pradesh and Yanam district of Puducherry at the time of landfall.</p>	
<p>28th November 0300 UTC</p>	<p>Squally winds speed reaching 50-60 kmph gusting to 70 kmph would prevail along and off Andhra Pradesh during next 12 hours.</p>	

Very Severe Cyclonic Storm 'Madi' (06-13 December 2013)

Date & time	Warning issued	Realised wind (kmph)
12 th December 0900 UTC	Squally wind speed reaching 45-55 kmph gusting to 65 kmph would prevail along and off Tamil Nadu and Puducherry coasts during next 24 hrs.	South coastal Tamil Nadu experienced squally wind of 40 — 50 kmph at the time of landfall. Tondi: 46 kmph
12 th December 1200 UTC	Squally wind speed reaching 45-55 kmph gusting to 65 kmph would prevail along and off Tamil Nadu and Puducherry coasts during next 24 hrs.	
12 th December 1800 UTC	Squally wind speed reaching 45-55 kmph gusting to 65 kmph would prevail along and off Tamil Nadu and Puducherry coasts during next 12 hrs.	
13 th December 0000 UTC	Strong surface wind speed reaching 40-50 kmph gusting to 60 kmph would prevail over Lakshadweep area and along off Kerala coast during next 24 hrs.	