

**QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH DEEP DEPRESSION OVER BAY OF BENGAL ON 1200 UTC OF 02-12-2023 FOR WHICH FORECAST IS PREPARED:**

PRESENT DATE AND TIME: **021200**

PRESENT POSITION: **10.9°N/83.1°E**

POSITION ACCURATE TO 20 KM

PRESENT MOVEMENT (DDD/FF) PAST SIX HOURS: 333/02KT

PRESENT WIND DISTRIBUTION:

MAX SUSTAINED WINDS: 30 KT, GUSTS 40 KT

RADIUS OF MAXIMUM WIND **60 NM**

WINDS VARY IN EACH QUADRANT

RADII ARE LARGEST RADII EXPECTED ANYWHERE IN THE QUADRANT

WIND RADII VALID OVER OPEN WATER ONLY

**RADIUS OF 027KT WINDS:**

140 NM NORTHEAST QUADRANT

130 NM SOUTHEAST QUADRANT

100 NM SOUTHWEST QUADRANT

110 NM NORTHWEST QUADRANT

**FORECASTS:**

06 HRS, VALID AT:

**021800Z 11.3°N/82.7°E**

MAX SUSTAINED WINDS: 30 KT, GUSTS 40 KT

**RADIUS OF 027KT WINDS:**

140 NM NORTHEAST QUADRANT

130 NM SOUTHEAST QUADRANT

100 NM SOUTHWEST QUADRANT

110 NM NORTHWEST QUADRANT

12 HRS, VALID AT:

**030000Z 11.7°N/82.3°E**

MAX SUSTAINED WINDS: 35 KT, GUSTS 45 KT

**RADIUS OF 027KT WINDS:**

140 NM NORTHEAST QUADRANT  
130 NM SOUTHEAST QUADRANT  
100 NM SOUTHWEST QUADRANT  
110 NM NORTHWEST QUADRANT

**RADIUS OF 034KT WINDS:**

100 NM NORTHEAST QUADRANT  
90 NM SOUTHEAST QUADRANT  
60 NM SOUTHWEST QUADRANT  
70 NM NORTHWEST QUADRANT

18 HRS, VALID AT:

**030600Z 12.2°N/81.9°E**

MAX SUSTAINED WINDS: 40 KT, GUSTS 50 KT

**RADIUS OF 027KT WINDS:**

140 NM NORTHEAST QUADRANT  
130 NM SOUTHEAST QUADRANT  
100 NM SOUTHWEST QUADRANT  
110 NM NORTHWEST QUADRANT

**RADIUS OF 034KT WINDS:**

100 NM NORTHEAST QUADRANT  
90 NM SOUTHEAST QUADRANT  
60 NM SOUTHWEST QUADRANT  
70 NM NORTHWEST QUADRANT

24 HRS, VALID AT:

**031200Z 12.7°N/81.4°E**

MAX SUSTAINED WINDS: 40 KT, GUSTS 50 KT

**RADIUS OF 027KT WINDS:**

140 NM NORTHEAST QUADRANT  
130 NM SOUTHEAST QUADRANT  
100 NM SOUTHWEST QUADRANT  
110 NM NORTHWEST QUADRANT

**RADIUS OF 034KT WINDS:**

100 NM NORTHEAST QUADRANT  
90 NM SOUTHEAST QUADRANT  
60 NM SOUTHWEST QUADRANT  
70 NM NORTHWEST QUADRANT

36 HRS, VALID AT:

**040000Z 13.5°N/81°E**

MAX SUSTAINED WINDS: 45 KT, GUSTS 55 KT

**RADIUS OF 027KT WINDS:**

140 NM NORTHEAST QUADRANT  
130 NM SOUTHEAST QUADRANT  
100 NM SOUTHWEST QUADRANT  
110 NM NORTHWEST QUADRANT

**RADIUS OF 034KT WINDS:**

100 NM NORTHEAST QUADRANT  
90 NM SOUTHEAST QUADRANT  
60 NM SOUTHWEST QUADRANT  
70 NM NORTHWEST QUADRANT

48 HRS, VALID AT:

**041200Z 14.5°N/80.6°E**

MAX SUSTAINED WINDS: 45 KT, GUSTS 55 KT

**RADIUS OF 027KT WINDS:**

140 NM NORTHEAST QUADRANT  
130 NM SOUTHEAST QUADRANT  
100 NM SOUTHWEST QUADRANT  
110 NM NORTHWEST QUADRANT

**RADIUS OF 034KT WINDS:**

100 NM NORTHEAST QUADRANT  
90 NM SOUTHEAST QUADRANT  
60 NM SOUTHWEST QUADRANT  
70 NM NORTHWEST QUADRANT

60 HRS, VALID AT:

**050000Z 15.5°N/80.8°E**

MAX SUSTAINED WINDS: 45 KT, GUSTS 55 KT

**RADIUS OF 027KT WINDS:**

140 NM NORTHEAST QUADRANT  
130 NM SOUTHEAST QUADRANT  
100 NM SOUTHWEST QUADRANT  
110 NM NORTHWEST QUADRANT

**RADIUS OF 034KT WINDS:**

100 NM NORTHEAST QUADRANT  
90 NM SOUTHEAST QUADRANT  
60 NM SOUTHWEST QUADRANT  
70 NM NORTHWEST QUADRANT

72 HRS, VALID AT:

**051200Z 16.5°N/81.2°E**

MAX SUSTAINED WINDS: 35 KT, GUSTS 45 KT

**RADIUS OF 027KT WINDS:**

- 140 NM NORTHEAST QUADRANT
- 130 NM SOUTHEAST QUADRANT
- 100 NM SOUTHWEST QUADRANT
- 110 NM NORTHWEST QUADRANT

**RADIUS OF 034KT WINDS:**

- 100 NM NORTHEAST QUADRANT
- 90 NM SOUTHEAST QUADRANT
- 60 NM SOUTHWEST QUADRANT
- 70 NM NORTHWEST QUADRANT

84 HRS, VALID AT:

**060000Z 17.6°N/82.3°E**

MAX SUSTAINED WINDS: 25 KT, GUSTS 35 KT

96 HRS, VALID AT:

**061200Z 18.5°N/83.5°E**

MAX SUSTAINED WINDS: 15 KT, GUSTS 25 KT

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