

**QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH MANDOUS OVER BAY OF BENGAL ON  
1800 UTC OF 08-12-2022 FOR WHICH FORECAST IS PREPARED:**

PRESENT DATE AND TIME: **081800**

PRESENT POSITION: **10.6°N/82.3°E**

POSITION ACCURATE TO 20 KM

PRESENT MOVEMENT (DDD/FF) PAST SIX HOURS: 310/08KT

PRESENT WIND DISTRIBUTION:

MAX SUSTAINED WINDS: 50 KT, GUSTS 60 KT

RADIUS OF MAXIMUM WIND **22 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

120 NM SOUTHEAST QUADRANT

110 NM SOUTHWEST QUADRANT

140 NM NORTHWEST QUADRANT

**RADIUS OF 034KT WINDS:**

75 NM NORTHEAST QUADRANT

65 NM SOUTHEAST QUADRANT

55 NM SOUTHWEST QUADRANT

75 NM NORTHWEST QUADRANT

**RADIUS OF 050KT WINDS:**

50 NM NORTHEAST QUADRANT

35 NM SOUTHEAST QUADRANT

40 NM SOUTHWEST QUADRANT

50 NM NORTHWEST QUADRANT

**FORECASTS:**

06 HRS, VALID AT:

**090000Z 11.1°N/81.7°E**

MAX SUSTAINED WINDS: 45 KT, GUSTS 55 KT

**RADIUS OF 027KT WINDS:**

140 NM NORTHEAST QUADRANT

120 NM SOUTHEAST QUADRANT

110 NM SOUTHWEST QUADRANT

140 NM NORTHWEST QUADRANT

**RADIUS OF 034KT WINDS:**

75 NM NORTHEAST QUADRANT

65 NM SOUTHEAST QUADRANT

55 NM SOUTHWEST QUADRANT

75 NM NORTHWEST QUADRANT

12 HRS, VALID AT:

**090600Z 11.5°N/81.2°E**

MAX SUSTAINED WINDS: 45 KT, GUSTS 55 KT

**RADIUS OF 027KT WINDS:**

140 NM NORTHEAST QUADRANT

120 NM SOUTHEAST QUADRANT

110 NM SOUTHWEST QUADRANT

140 NM NORTHWEST QUADRANT

**RADIUS OF 034KT WINDS:**

75 NM NORTHEAST QUADRANT  
65 NM SOUTHEAST QUADRANT  
55 NM SOUTHWEST QUADRANT  
75 NM NORTHWEST QUADRANT

18 HRS, VALID AT:

**091200Z 12°N/80.7°E**

MAX SUSTAINED WINDS: 40 KT, GUSTS 50 KT

**RADIUS OF 027KT WINDS:**

140 NM NORTHEAST QUADRANT  
120 NM SOUTHEAST QUADRANT  
110 NM SOUTHWEST QUADRANT  
140 NM NORTHWEST QUADRANT

**RADIUS OF 034KT WINDS:**

75 NM NORTHEAST QUADRANT  
65 NM SOUTHEAST QUADRANT  
55 NM SOUTHWEST QUADRANT  
75 NM NORTHWEST QUADRANT

24 HRS, VALID AT:

**091800Z 12.4°N/80.3°E**

MAX SUSTAINED WINDS: 35 KT, GUSTS 45 KT

**RADIUS OF 027KT WINDS:**

140 NM NORTHEAST QUADRANT  
120 NM SOUTHEAST QUADRANT  
110 NM SOUTHWEST QUADRANT

140 NM NORTHWEST QUADRANT

**RADIUS OF 034KT WINDS:**

75 NM NORTHEAST QUADRANT

65 NM SOUTHEAST QUADRANT

55 NM SOUTHWEST QUADRANT

75 NM NORTHWEST QUADRANT

36 HRS, VALID AT:

**100600Z 12.9°N/79.8°E**

MAX SUSTAINED WINDS: 25 KT, GUSTS 35 KT

\*\*\*\*\*