

**QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH DANA OVER BAY OF BENGAL ON  
1800 UTC OF 24-10-2024 FOR WHICH FORECAST IS PREPARED:**

PRESENT DATE AND TIME: **241800**

PRESENT POSITION: **20.5°N/87.1°E**

POSITION ACCURATE TO 20 KM

PRESENT MOVEMENT (DDD/FF) PAST SIX HOURS: 330/08KT

PRESENT WIND DISTRIBUTION:

MAX SUSTAINED WINDS: 55 KT, GUSTS 65 KT

RADIUS OF MAXIMUM WIND **29 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:**

90 NM NORTHEAST QUADRANT

180 NM SOUTHEAST QUADRANT

140 NM SOUTHWEST QUADRANT

100 NM NORTHWEST QUADRANT

**RADIUS OF 034KT WINDS:**

90 NM NORTHEAST QUADRANT

85 NM SOUTHEAST QUADRANT

70 NM SOUTHWEST QUADRANT

80 NM NORTHWEST QUADRANT

**RADIUS OF 050KT WINDS:**

70 NM NORTHEAST QUADRANT

60 NM SOUTHEAST QUADRANT

50 NM SOUTHWEST QUADRANT

50 NM NORTHWEST QUADRANT

**FORECASTS:**

06 HRS, VALID AT:

**250000Z 20.8°N/86.8°E**

MAX SUSTAINED WINDS: 55 KT, GUSTS 65 KT

**RADIUS OF 027KT WINDS:**

100 NM NORTHEAST QUADRANT  
190 NM SOUTHEAST QUADRANT  
140 NM SOUTHWEST QUADRANT  
100 NM NORTHWEST QUADRANT

**RADIUS OF 034KT WINDS:**

90 NM NORTHEAST QUADRANT  
85 NM SOUTHEAST QUADRANT  
70 NM SOUTHWEST QUADRANT  
80 NM NORTHWEST QUADRANT

**RADIUS OF 050KT WINDS:**

70 NM NORTHEAST QUADRANT  
60 NM SOUTHEAST QUADRANT  
50 NM SOUTHWEST QUADRANT  
50 NM NORTHWEST QUADRANT

12 HRS, VALID AT:

**250600Z 21°N/86.4°E**

MAX SUSTAINED WINDS: 45 KT, GUSTS 55 KT

**RADIUS OF 027KT WINDS:**

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

**RADIUS OF 034KT WINDS:**

105 NM NORTHEAST QUADRANT  
90 NM SOUTHEAST QUADRANT  
75 NM SOUTHWEST QUADRANT  
90 NM NORTHWEST QUADRANT

18 HRS, VALID AT:

**251200Z 21.1°N/85.9°E**

MAX SUSTAINED WINDS: 30 KT, GUSTS 40 KT

**RADIUS OF 027KT WINDS:**

100 NM NORTHEAST QUADRANT

200 NM SOUTHEAST QUADRANT

140 NM SOUTHWEST QUADRANT

100 NM NORTHWEST QUADRANT

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