

**QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH DANA OVER BAY OF BENGAL ON  
0600 UTC OF 23-10-2024 FOR WHICH FORECAST IS PREPARED:**

PRESENT DATE AND TIME: **230600**

PRESENT POSITION: **16.7°N/89.3°E**

POSITION ACCURATE TO 20 KM

PRESENT MOVEMENT (DDD/FF) PAST SIX HOURS: 304/07KT

PRESENT WIND DISTRIBUTION:

MAX SUSTAINED WINDS: 40 KT, GUSTS 50 KT

RADIUS OF MAXIMUM WIND **40 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:**

80 NM NORTHEAST QUADRANT

180 NM SOUTHEAST QUADRANT

150 NM SOUTHWEST QUADRANT

100 NM NORTHWEST QUADRANT

**RADIUS OF 034KT WINDS:**

75 NM NORTHEAST QUADRANT

85 NM SOUTHEAST QUADRANT

85 NM SOUTHWEST QUADRANT

75 NM NORTHWEST QUADRANT

**FORECASTS:**

06 HRS, VALID AT:

**231200Z 17.3°N/88.7°E**

MAX SUSTAINED WINDS: 45 KT, GUSTS 55 KT

**RADIUS OF 027KT WINDS:**

80 NM NORTHEAST QUADRANT  
180 NM SOUTHEAST QUADRANT  
150 NM SOUTHWEST QUADRANT  
100 NM NORTHWEST QUADRANT

**RADIUS OF 034KT WINDS:**

80 NM NORTHEAST QUADRANT  
85 NM SOUTHEAST QUADRANT  
85 NM SOUTHWEST QUADRANT  
75 NM NORTHWEST QUADRANT

12 HRS, VALID AT:

**231800Z 18°N/88.3°E**

MAX SUSTAINED WINDS: 50 KT, GUSTS 60 KT

**RADIUS OF 027KT WINDS:**

90 NM NORTHEAST QUADRANT  
180 NM SOUTHEAST QUADRANT  
150 NM SOUTHWEST QUADRANT  
100 NM NORTHWEST QUADRANT

**RADIUS OF 034KT WINDS:**

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

**RADIUS OF 050KT WINDS:**

70 NM NORTHEAST QUADRANT  
70 NM SOUTHEAST QUADRANT  
55 NM SOUTHWEST QUADRANT

50 NM NORTHWEST QUADRANT

18 HRS, VALID AT:

**240000Z 18.7°N/88°E**

MAX SUSTAINED WINDS: 55 KT, GUSTS 65 KT

**RADIUS OF 027KT WINDS:**

100 NM NORTHEAST QUADRANT  
200 NM SOUTHEAST QUADRANT  
150 NM SOUTHWEST QUADRANT  
100 NM NORTHWEST QUADRANT

**RADIUS OF 034KT WINDS:**

100 NM NORTHEAST QUADRANT  
100 NM SOUTHEAST QUADRANT  
85 NM SOUTHWEST QUADRANT  
75 NM NORTHWEST QUADRANT

**RADIUS OF 050KT WINDS:**

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

24 HRS, VALID AT:

**240600Z 19.4°N/87.7°E**

MAX SUSTAINED WINDS: 55 KT, GUSTS 65 KT

**RADIUS OF 027KT WINDS:**

100 NM NORTHEAST QUADRANT  
200 NM SOUTHEAST QUADRANT  
150 NM SOUTHWEST QUADRANT

100 NM NORTHWEST QUADRANT

**RADIUS OF 034KT WINDS:**

100 NM NORTHEAST QUADRANT

100 NM SOUTHEAST QUADRANT

85 NM SOUTHWEST QUADRANT

75 NM NORTHWEST QUADRANT

**RADIUS OF 050KT WINDS:**

70 NM NORTHEAST QUADRANT

70 NM SOUTHEAST QUADRANT

55 NM SOUTHWEST QUADRANT

50 NM NORTHWEST QUADRANT

36 HRS, VALID AT:

**241800Z 20.5°N/87.3°E**

MAX SUSTAINED WINDS: 55 KT, GUSTS 65 KT

**RADIUS OF 027KT WINDS:**

100 NM NORTHEAST QUADRANT

200 NM SOUTHEAST QUADRANT

150 NM SOUTHWEST QUADRANT

100 NM NORTHWEST QUADRANT

**RADIUS OF 034KT WINDS:**

100 NM NORTHEAST QUADRANT

100 NM SOUTHEAST QUADRANT

85 NM SOUTHWEST QUADRANT

75 NM NORTHWEST QUADRANT

**RADIUS OF 050KT WINDS:**

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

48 HRS, VALID AT:

**250600Z 21.2°N/86.6°E**

MAX SUSTAINED WINDS: 50 KT, GUSTS 60 KT

**RADIUS OF 027KT WINDS:**

100 NM NORTHEAST QUADRANT  
200 NM SOUTHEAST QUADRANT  
160 NM SOUTHWEST QUADRANT  
100 NM NORTHWEST QUADRANT

**RADIUS OF 034KT WINDS:**

100 NM NORTHEAST QUADRANT  
100 NM SOUTHEAST QUADRANT  
85 NM SOUTHWEST QUADRANT  
75 NM NORTHWEST QUADRANT

**RADIUS OF 050KT WINDS:**

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

60 HRS, VALID AT:

**251800Z 21.6°N/85.7°E**

MAX SUSTAINED WINDS: 35 KT, GUSTS 45 KT

**RADIUS OF 027KT WINDS:**

80 NM NORTHEAST QUADRANT  
180 NM SOUTHEAST QUADRANT  
160 NM SOUTHWEST QUADRANT  
100 NM NORTHWEST QUADRANT

**RADIUS OF 034KT WINDS:**

80 NM NORTHEAST QUADRANT  
85 NM SOUTHEAST QUADRANT  
85 NM SOUTHWEST QUADRANT  
75 NM NORTHWEST QUADRANT

72 HRS, VALID AT:

**260600Z 21.8°N/84.8°E**

MAX SUSTAINED WINDS: 25 KT, GUSTS 35 KT

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