

**QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH DANA OVER BAY OF BENGAL ON
0000 UTC OF 24-10-2024 FOR WHICH FORECAST IS PREPARED:**

PRESENT DATE AND TIME: **240000**

PRESENT POSITION: **18.5°N/88.2°E**

POSITION ACCURATE TO 20 KM

PRESENT MOVEMENT (DDD/FF) PAST SIX HOURS: 333/07KT

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:

240600Z 19.2°N/87.9°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:

241200Z 19.9°N/87.6°E

MAX SUSTAINED WINDS: 60 KT, GUSTS 70 KT

RADIUS OF 027KT WINDS:

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

RADIUS OF 034KT WINDS:

110 NM NORTHEAST QUADRANT
100 NM SOUTHEAST QUADRANT
85 NM SOUTHWEST QUADRANT
90 NM NORTHWEST QUADRANT

RADIUS OF 050KT WINDS:

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

18 HRS, VALID AT:

241800Z 20.4°N/87.4°E

MAX SUSTAINED WINDS: 55 KT, GUSTS 65 KT

RADIUS OF 027KT WINDS:

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

RADIUS OF 034KT WINDS:

100 NM NORTHEAST QUADRANT
90 NM SOUTHEAST QUADRANT
75 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

24 HRS, VALID AT:

250000Z 20.8°N/87°E

MAX SUSTAINED WINDS: 55 KT, GUSTS 65 KT

RADIUS OF 027KT WINDS:

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

RADIUS OF 034KT WINDS:

- 100 NM NORTHEAST QUADRANT
- 90 NM SOUTHEAST QUADRANT
- 75 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

36 HRS, VALID AT:

251200Z 21.1°N/86.2°E

MAX SUSTAINED WINDS: 40 KT, GUSTS 50 KT

RADIUS OF 027KT WINDS:

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

RADIUS OF 034KT WINDS:

- 80 NM NORTHEAST QUADRANT
- 80 NM SOUTHEAST QUADRANT
- 65 NM SOUTHWEST QUADRANT
- 70 NM NORTHWEST QUADRANT

48 HRS, VALID AT:

260000Z 21.2°N/85.3°E

MAX SUSTAINED WINDS: 25 KT, GUSTS 35 KT
