

**QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH DANA OVER BAY OF BENGAL ON
1200 UTC OF 24-10-2024 FOR WHICH FORECAST IS PREPARED:**

PRESENT DATE AND TIME: **241200**

PRESENT POSITION: **19.8°N/87.5°E**

POSITION ACCURATE TO 20 KM

PRESENT MOVEMENT (DDD/FF) PAST SIX HOURS: 326/07KT

PRESENT WIND DISTRIBUTION:

MAX SUSTAINED WINDS: 60 KT, GUSTS 70 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:

241800Z 20.4°N/87.2°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:

250000Z 20.8°N/86.8°E

MAX SUSTAINED WINDS: 55 KT, GUSTS 65 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

RADIUS OF 050KT WINDS:

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

18 HRS, VALID AT:

250600Z 21.1°N/86.4°E

MAX SUSTAINED WINDS: 45 KT, GUSTS 55 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

24 HRS, VALID AT:

251200Z 21.2°N/85.9°E

MAX SUSTAINED WINDS: 30 KT, GUSTS 40 KT

RADIUS OF 027KT WINDS:

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