

**QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH DANA OVER BAY OF BENGAL ON
1200 UTC OF 23-10-2024 FOR WHICH FORECAST IS PREPARED:**

PRESENT DATE AND TIME: **231200**

PRESENT POSITION: **17.2°N/88.9°E**

POSITION ACCURATE TO 20 KM

PRESENT MOVEMENT (DDD/FF) PAST SIX HOURS: 321/08KT

PRESENT WIND DISTRIBUTION:

MAX SUSTAINED WINDS: 45 KT, GUSTS 55 KT

RADIUS OF MAXIMUM WIND **37 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:

80 NM NORTHEAST QUADRANT

80 NM SOUTHEAST QUADRANT

65 NM SOUTHWEST QUADRANT

70 NM NORTHWEST QUADRANT

FORECASTS:

06 HRS, VALID AT:

231800Z 17.9°N/88.5°E

MAX SUSTAINED WINDS: 50 KT, GUSTS 60 KT

RADIUS OF 027KT WINDS:

90 NM NORTHEAST QUADRANT

190 NM SOUTHEAST QUADRANT

150 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
70 NM SOUTHEAST QUADRANT
50 NM SOUTHWEST QUADRANT
50 NM NORTHWEST QUADRANT

12 HRS, VALID AT:

240000Z 18.7°N/88.2°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
90 NM SOUTHEAST QUADRANT
75 NM SOUTHWEST QUADRANT
80 NM NORTHWEST QUADRANT

RADIUS OF 050KT WINDS:

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

18 HRS, VALID AT:

240600Z 19.3°N/87.9°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
90 NM SOUTHEAST QUADRANT
75 NM SOUTHWEST QUADRANT
80 NM NORTHWEST QUADRANT

RADIUS OF 050KT WINDS:

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

24 HRS, VALID AT:

241200Z 20°N/87.6°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
90 NM SOUTHEAST QUADRANT
75 NM SOUTHWEST QUADRANT
80 NM NORTHWEST QUADRANT

RADIUS OF 050KT WINDS:

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

36 HRS, VALID AT:

250000Z 20.9°N/87°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
90 NM SOUTHEAST QUADRANT
75 NM SOUTHWEST QUADRANT
80 NM NORTHWEST QUADRANT

RADIUS OF 050KT WINDS:

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

48 HRS, VALID AT:

251200Z 21.3°N/86.3°E

MAX SUSTAINED WINDS: 35 KT, GUSTS 45 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

75 NM SOUTHEAST QUADRANT

65 NM SOUTHWEST QUADRANT

70 NM NORTHWEST QUADRANT

60 HRS, VALID AT:

260000Z 21.5°N/85.4°E

MAX SUSTAINED WINDS: 25 KT, GUSTS 35 KT
