

**QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH DANA OVER BAY OF BENGAL ON
0000 UTC OF 23-10-2024 FOR WHICH FORECAST IS PREPARED:**

PRESENT DATE AND TIME: **230000**

PRESENT POSITION: **16.3°N/89.9°E**

POSITION ACCURATE TO 20 KM

PRESENT MOVEMENT (DDD/FF) PAST SIX HOURS: 307/10KT

PRESENT WIND DISTRIBUTION:

MAX SUSTAINED WINDS: 35 KT, GUSTS 45 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:

230600Z 16.8°N/89.3°E

MAX SUSTAINED WINDS: 40 KT, GUSTS 50 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:

231200Z 17.4°N/88.8°E

MAX SUSTAINED WINDS: 45 KT, GUSTS 55 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

18 HRS, VALID AT:

231800Z 18.1°N/88.4°E

MAX SUSTAINED WINDS: 50 KT, GUSTS 60 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:

240000Z 18.8°N/88.1°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:

241200Z 20°N/87.4°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:

250000Z 20.9°N/86.9°E

MAX SUSTAINED WINDS: 55 KT, GUSTS 65 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:

251200Z 21.5°N/86.1°E

MAX SUSTAINED WINDS: 45 KT, GUSTS 55 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:

260000Z 21.7°N/85.3°E

MAX SUSTAINED WINDS: 25 KT, GUSTS 35 KT
