

**QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH MOCHA OVER BAY OF BENGAL
ON 1200 UTC OF 13-05-2023 FOR WHICH FORECAST IS PREPARED:**

PRESENT DATE AND TIME: **131200**

PRESENT POSITION: **16.9°N/90.8°E**

POSITION ACCURATE TO 20 KM

PRESENT MOVEMENT (DDD/FF) PAST SIX HOURS: 42/12KT

PRESENT WIND DISTRIBUTION:

MAX SUSTAINED WINDS: 110 KT, GUSTS 120 KT

RADIUS OF MAXIMUM WIND **18 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:

210 NM NORTHEAST QUADRANT

160 NM SOUTHEAST QUADRANT

200 NM SOUTHWEST QUADRANT

150 NM NORTHWEST QUADRANT

RADIUS OF 034KT WINDS:

130 NM NORTHEAST QUADRANT

110 NM SOUTHEAST QUADRANT

100 NM SOUTHWEST QUADRANT

90 NM NORTHWEST QUADRANT

RADIUS OF 050KT WINDS:

75 NM NORTHEAST QUADRANT

60 NM SOUTHEAST QUADRANT

60 NM SOUTHWEST QUADRANT

55 NM NORTHWEST QUADRANT

RADIUS OF 064KT WINDS:

45 NM NORTHEAST QUADRANT

40 NM SOUTHEAST QUADRANT

30 NM SOUTHWEST QUADRANT

30 NM NORTHWEST QUADRANT

FORECASTS:

06 HRS, VALID AT:

131800Z 17.9°N/91.2°E

MAX SUSTAINED WINDS: 115 KT, GUSTS 125 KT

RADIUS OF 027KT WINDS:

210 NM NORTHEAST QUADRANT

160 NM SOUTHEAST QUADRANT

200 NM SOUTHWEST QUADRANT

150 NM NORTHWEST QUADRANT

RADIUS OF 034KT WINDS:

130 NM NORTHEAST QUADRANT

110 NM SOUTHEAST QUADRANT

100 NM SOUTHWEST QUADRANT

90 NM NORTHWEST QUADRANT

RADIUS OF 050KT WINDS:

75 NM NORTHEAST QUADRANT

60 NM SOUTHEAST QUADRANT

60 NM SOUTHWEST QUADRANT

55 NM NORTHWEST QUADRANT

RADIUS OF 064KT WINDS:

45 NM NORTHEAST QUADRANT

40 NM SOUTHEAST QUADRANT

30 NM SOUTHWEST QUADRANT

30 NM NORTHWEST QUADRANT

12 HRS, VALID AT:

140000Z 19.1°N/91.8°E

MAX SUSTAINED WINDS: 110 KT, GUSTS 120 KT

RADIUS OF 027KT WINDS:

210 NM NORTHEAST QUADRANT

160 NM SOUTHEAST QUADRANT

200 NM SOUTHWEST QUADRANT

150 NM NORTHWEST QUADRANT

RADIUS OF 034KT WINDS:

130 NM NORTHEAST QUADRANT

110 NM SOUTHEAST QUADRANT

100 NM SOUTHWEST QUADRANT

90 NM NORTHWEST QUADRANT

RADIUS OF 050KT WINDS:

75 NM NORTHEAST QUADRANT

60 NM SOUTHEAST QUADRANT

60 NM SOUTHWEST QUADRANT

55 NM NORTHWEST QUADRANT

RADIUS OF 064KT WINDS:

45 NM NORTHEAST QUADRANT

40 NM SOUTHEAST QUADRANT

30 NM SOUTHWEST QUADRANT

30 NM NORTHWEST QUADRANT

18 HRS, VALID AT:

140600Z 20.2°N/92.6°E

MAX SUSTAINED WINDS: 100 KT, GUSTS 110 KT

RADIUS OF 027KT WINDS:

210 NM NORTHEAST QUADRANT

160 NM SOUTHEAST QUADRANT

200 NM SOUTHWEST QUADRANT

150 NM NORTHWEST QUADRANT

RADIUS OF 034KT WINDS:

120 NM NORTHEAST QUADRANT

100 NM SOUTHEAST QUADRANT

90 NM SOUTHWEST QUADRANT

80 NM NORTHWEST QUADRANT

RADIUS OF 050KT WINDS:

75 NM NORTHEAST QUADRANT

60 NM SOUTHEAST QUADRANT

60 NM SOUTHWEST QUADRANT

55 NM NORTHWEST QUADRANT

RADIUS OF 064KT WINDS:

45 NM NORTHEAST QUADRANT
40 NM SOUTHEAST QUADRANT
30 NM SOUTHWEST QUADRANT
30 NM NORTHWEST QUADRANT

24 HRS, VALID AT:

141200Z 21.4°N/93.5°E

MAX SUSTAINED WINDS: 65 KT, GUSTS 75 KT

RADIUS OF 027KT WINDS:

210 NM NORTHEAST QUADRANT
160 NM SOUTHEAST QUADRANT
200 NM SOUTHWEST QUADRANT
150 NM NORTHWEST QUADRANT

RADIUS OF 034KT WINDS:

120 NM NORTHEAST QUADRANT
100 NM SOUTHEAST QUADRANT
90 NM SOUTHWEST QUADRANT
80 NM NORTHWEST QUADRANT

RADIUS OF 050KT WINDS:

75 NM NORTHEAST QUADRANT
60 NM SOUTHEAST QUADRANT
60 NM SOUTHWEST QUADRANT
55 NM NORTHWEST QUADRANT

RADIUS OF 064KT WINDS:

- 45 NM NORTHEAST QUADRANT
- 40 NM SOUTHEAST QUADRANT
- 30 NM SOUTHWEST QUADRANT
- 30 NM NORTHWEST QUADRANT

36 HRS, VALID AT:

150000Z 23.7°N/95.6°E

MAX SUSTAINED WINDS: 30 KT, GUSTS 40 KT

RADIUS OF 027KT WINDS:

- 210 NM NORTHEAST QUADRANT
- 160 NM SOUTHEAST QUADRANT
- 200 NM SOUTHWEST QUADRANT
- 150 NM NORTHWEST QUADRANT
