

**QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH MOCHA OVER BAY OF BENGAL ON  
1800 UTC OF 13-05-2023 FOR WHICH FORECAST IS PREPARED:**

PRESENT DATE AND TIME: **131800**

PRESENT POSITION: **17.9°N/91°E**

POSITION ACCURATE TO 20 KM

PRESENT MOVEMENT (DDD/FF) PAST SIX HOURS: 11/10KT

PRESENT WIND DISTRIBUTION:

MAX SUSTAINED WINDS: 115 KT, GUSTS 125 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:

**140000Z 19.1°N/91.6°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

12 HRS, VALID AT:

**140600Z 20.3°N/92.5°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:**

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:

**141200Z 21.5°N/93.4°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

24 HRS, VALID AT:

**141800Z 23°N/94.7°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

36 HRS, VALID AT:

**150600Z 26.3°N/97.4°E**

MAX SUSTAINED WINDS: 15 KT, GUSTS 25 KT

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