

**QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH MANDOUS OVER BAY OF BENGAL
ON 0000 UTC OF 08-12-2022 FOR WHICH FORECAST IS PREPARED:**

PRESENT DATE AND TIME: **080000**

PRESENT POSITION: **9.4°N/84.1°E**

POSITION ACCURATE TO 20 KM

PRESENT MOVEMENT (DDD/FF) PAST SIX HOURS: 292/05KT

PRESENT WIND DISTRIBUTION:

MAX SUSTAINED WINDS: 40 KT, GUSTS 50 KT

RADIUS OF MAXIMUM WIND **34 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:

140 NM NORTHEAST QUADRANT

110 NM SOUTHEAST QUADRANT

120 NM SOUTHWEST QUADRANT

140 NM NORTHWEST QUADRANT

RADIUS OF 034KT WINDS:

75 NM NORTHEAST QUADRANT

55 NM SOUTHEAST QUADRANT

65 NM SOUTHWEST QUADRANT

75 NM NORTHWEST QUADRANT

FORECASTS:

06 HRS, VALID AT:

080600Z 9.9°N/83.5°E

MAX SUSTAINED WINDS: 45 KT, GUSTS 55 KT

RADIUS OF 027KT WINDS:

140 NM NORTHEAST QUADRANT
110 NM SOUTHEAST QUADRANT
120 NM SOUTHWEST QUADRANT
140 NM NORTHWEST QUADRANT

RADIUS OF 034KT WINDS:

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

12 HRS, VALID AT:

081200Z 10.3°N/82.9°E

MAX SUSTAINED WINDS: 45 KT, GUSTS 55 KT

RADIUS OF 027KT WINDS:

140 NM NORTHEAST QUADRANT
110 NM SOUTHEAST QUADRANT
120 NM SOUTHWEST QUADRANT
140 NM NORTHWEST QUADRANT

RADIUS OF 034KT WINDS:

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

18 HRS, VALID AT:

081800Z 10.8°N/82.3°E

MAX SUSTAINED WINDS: 45 KT, GUSTS 55 KT

RADIUS OF 027KT WINDS:

140 NM NORTHEAST QUADRANT
110 NM SOUTHEAST QUADRANT
120 NM SOUTHWEST QUADRANT
140 NM NORTHWEST QUADRANT

RADIUS OF 034KT WINDS:

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

24 HRS, VALID AT:

090000Z 11.3°N/81.7°E

MAX SUSTAINED WINDS: 40 KT, GUSTS 50 KT

RADIUS OF 027KT WINDS:

140 NM NORTHEAST QUADRANT
110 NM SOUTHEAST QUADRANT
120 NM SOUTHWEST QUADRANT
140 NM NORTHWEST QUADRANT

RADIUS OF 034KT WINDS:

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

36 HRS, VALID AT:

091200Z 12.1°N/80.6°E

MAX SUSTAINED WINDS: 30 KT, GUSTS 40 KT

RADIUS OF 027KT WINDS:

140 NM NORTHEAST QUADRANT

110 NM SOUTHEAST QUADRANT

120 NM SOUTHWEST QUADRANT

140 NM NORTHWEST QUADRANT

48 HRS, VALID AT:

100000Z 12.6°N/79.9°E

MAX SUSTAINED WINDS: 20 KT, GUSTS 30 KT

60 HRS, VALID AT:

101200Z 12.8°N/79.5°E

MAX SUSTAINED WINDS: 15 KT, GUSTS 25 KT
