

**QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH MANDOUS OVER BAY OF BENGAL
ON 1800 UTC OF 07-12-2022 FOR WHICH FORECAST IS PREPARED:**

PRESENT DATE AND TIME: **071800**

PRESENT POSITION: **9.2°N/84.6°E**

POSITION ACCURATE TO 20 KM

PRESENT MOVEMENT (DDD/FF) PAST SIX HOURS: 307/05KT

PRESENT WIND DISTRIBUTION:

MAX SUSTAINED WINDS: 35 KT, GUSTS 45 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:

080000Z 9.6°N/84°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

12 HRS, VALID AT:

080600Z 10.1°N/83.4°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:

081200Z 10.5°N/82.8°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:

081800Z 10.9°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

36 HRS, VALID AT:

090600Z 11.7°N/81.2°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

48 HRS, VALID AT:

091800Z 12.5°N/80°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

60 HRS, VALID AT:

100600Z 12.8°N/79.3°E

MAX SUSTAINED WINDS: 20 KT, GUSTS 30 KT
