QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH SUPER CYCLONIC STORM “AMPHAN” OVER BAY OF BENGAL BASED ON 1800 UTC OF 18TH MAY, 2020 FOR WHICH FORECAST IS PREPARED:

PRESENT DATE AND TIME: 181200 UTC
PRESENT POSITION: 14.9°N/86.5°E
POSITION ACCURATE TO 20 KM
PRESENT MOVEMENT (DDD/FF) PAST SIX HOURS: 010/10 KT
PRESENT WIND DISTRIBUTION:
MAX SUSTAINED WINDS: 125 KT, GUSTS 135 KT
RADIUS OF MAXIMUM WIND 150 NM
WINDS VARY IN EACH QUADRANT
RADII ARE LARGEST RADII EXPECTED ANYWHERE IN THE QUADRANT
WIND RADII VALID OVER OPEN WATER ONLY

FORECASTS:
06 HRS, VALID AT:
190000Z 15.9°N/86.7°E
MAX SUSTAINED WINDS: 125 KT, GUSTS 135 KT

RADIUS OF 027 KT WINDS:
170 NM NORTHEAST QUADRANT
160 NM SOUTHEAST QUADRANT
140 NM SOUTHWEST QUADRANT
160 NM NORTHWEST QUADRANT

RADIUS OF 034 KT WINDS:
150 NM NORTHEAST QUADRANT
140 NM SOUTHEAST QUADRANT
120 NM SOUTHWEST QUADRANT
130 NM NORTHWEST QUADRANT

RADIUS OF 050 KT WINDS:
70 NM NORTHEAST QUADRANT
70 NM SOUTHEAST QUADRANT
60 NM SOUTHWEST QUADRANT
60 NM NORTHWEST QUADRANT

RADIUS OF 064 KT WINDS:
40 NM NORTHEAST QUADRANT
40 NM SOUTHEAST QUADRANT
30 NM SOUTHWEST QUADRANT
35 NM NORTHWEST QUADRANT

12 HRS, VALID AT:
190600Z 17.1°N/87.0°E
MAX SUSTAINED WINDS: 115 KT, GUSTS 125 KT

RADIUS OF 027 KT WINDS:
170 NM NORTHEAST QUADRANT
160 NM SOUTHEAST QUADRANT
140 NM SOUTHWEST QUADRANT
160 NM NORTHWEST QUADRANT

RADIUS OF 034 KT WINDS:
150 NM NORTHEAST QUADRANT
140 NM SOUTHEAST QUADRANT
120 NM SOUTHWEST QUADRANT
130 NM NORTHWEST QUADRANT

RADIUS OF 050 KT WINDS:
70 NM NORTHEAST QUADRANT
70 NM SOUTHEAST QUADRANT
60 NM SOUTHWEST QUADRANT
60 NM NORTHWEST QUADRANT
60NM NORTHWEST QUADRANT

**RADIUS OF 064 KT WINDS:**
- 40 NM NORTHEAST QUADRANT
- 40 NM SOUTHEAST QUADRANT
- 30 NM SOUTHWEST QUADRANT
- 35 NM NORTHWEST QUADRANT

18 HRS, VALID AT:
**191200Z 17.7°N / 87.2° E**
MAX SUSTAINED WINDS: 110 KT, GUSTS 120 KT

**RADIUS OF 027 KT WINDS:**
- 170 NM NORTHEAST QUADRANT
- 160 NM SOUTHEAST QUADRANT
- 140 NM SOUTHWEST QUADRANT
- 160 NM NORTHWEST QUADRANT

**RADIUS OF 034 KT WINDS:**
- 150 NM NORTHEAST QUADRANT
- 140 NM SOUTHEAST QUADRANT
- 120 NM SOUTHWEST QUADRANT
- 130 NM NORTHWEST QUADRANT

**RADIUS OF 050 KT WINDS:**
- 70 NM NORTHEAST QUADRANT
- 70 NM SOUTHEAST QUADRANT
- 60 NM SOUTHWEST QUADRANT
- 60 NM NORTHWEST QUADRANT

**RADIUS OF 064 KT WINDS:**
- 40 NM NORTHEAST QUADRANT
- 40 NM SOUTHEAST QUADRANT
- 30 NM SOUTHWEST QUADRANT
- 35 NM NORTHWEST QUADRANT

24 HRS, VALID AT:
**191800Z 18.6°N / 87.5° E**
MAX SUSTAINED WINDS: 100 KT, GUSTS 110 KT

**RADIUS OF 027 KT WINDS:**
- 170 NM NORTHEAST QUADRANT
- 160 NM SOUTHEAST QUADRANT
- 140 NM SOUTHWEST QUADRANT
- 160 NM NORTHWEST QUADRANT

**RADIUS OF 034 KT WINDS:**
- 150 NM NORTHEAST QUADRANT
- 140 NM SOUTHEAST QUADRANT
- 120 NM SOUTHWEST QUADRANT
- 130 NM NORTHWEST QUADRANT

**RADIUS OF 050 KT WINDS:**
- 70 NM NORTHEAST QUADRANT
- 70 NM SOUTHEAST QUADRANT
- 60 NM SOUTHWEST QUADRANT
- 60 NM NORTHWEST QUADRANT

**RADIUS OF 064 KT WINDS:**
- 40 NM NORTHEAST QUADRANT
- 40 NM SOUTHEAST QUADRANT
- 30 NM SOUTHWEST QUADRANT
- 35 NM NORTHWEST QUADRANT

36 HRS, VALID AT:
**200600Z 20.7°N / 88.1° E**
MAX SUSTAINED WINDS: 85 KT, GUSTS 95 KT

RADIUS OF 027 KT WINDS:
- 170 NM NORTHEAST QUADRANT
- 160 NM SOUTHEAST QUADRANT
- 140 NM SOUTHWEST QUADRANT
- 160 NM NORTHWEST QUADRANT

RADIUS OF 034 KT WINDS:
- 150 NM NORTHEAST QUADRANT
- 140 NM SOUTHEAST QUADRANT
- 120 NM SOUTHWEST QUADRANT
- 130 NM NORTHWEST QUADRANT

RADIUS OF 050 KT WINDS:
- 70 NM NORTHEAST QUADRANT
- 70 NM SOUTHEAST QUADRANT
- 60 NM SOUTHWEST QUADRANT
- 60 NM NORTHWEST QUADRANT

RADIUS OF 064 KT WINDS:
- 40 NM NORTHEAST QUADRANT
- 40 NM SOUTHEAST QUADRANT
- 30 NM SOUTHWEST QUADRANT
- 35 NM NORTHWEST QUADRANT

48 HRS, VALID AT:
201800Z 22.8°N/88.8°E
MAX SUSTAINED WINDS: 50 KT, GUSTS 60 KT

RADIUS OF 027 KT WINDS:
- 170 NM NORTHEAST QUADRANT
- 160 NM SOUTHEAST QUADRANT
- 140 NM SOUTHWEST QUADRANT
- 160 NM NORTHWEST QUADRANT

RADIUS OF 034 KT WINDS:
- 150 NM NORTHEAST QUADRANT
- 140 NM SOUTHEAST QUADRANT
- 120 NM SOUTHWEST QUADRANT
- 130 NM NORTHWEST QUADRANT

RADIUS OF 050 KT WINDS:
- 70 NM NORTHEAST QUADRANT
- 70 NM SOUTHEAST QUADRANT
- 60 NM SOUTHWEST QUADRANT
- 60 NM NORTHWEST QUADRANT

60 HRS, VALID AT:
210600Z 24.8°N/89.5°E
MAX SUSTAINED WINDS: 30 KT, GUSTS 40 KT

RADIUS OF 027 KT WINDS:
- 170 NM NORTHEAST QUADRANT
- 160 NM SOUTHEAST QUADRANT
- 140 NM SOUTHWEST QUADRANT
- 160 NM NORTHWEST QUADRANT

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