

**QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH EXTREMELY SEVERE CYCLONIC STORM
"AMPHAN" OVER BAY OF BENGAL BASED ON 0600 UTC OF 19th MAY, 2020 FOR WHICH FORECAST
IS PREPARED:**

PRESENT DATE AND TIME: **190600 UTC**

PRESENT POSITION: **16.5°N/86.9°E**

POSITION ACCURATE TO 20 KM

PRESENT MOVEMENT (DDD/FF) PAST SIX HOURS: 010/10 KT

PRESENT WIND DISTRIBUTION:

MAX SUSTAINED WINDS: 115 KT, GUSTS 125 KT

RADIUS OF MAXIMUM WIND **20 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:

191200Z 17.1°N /87.1° 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
60NM 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:

191800Z 18.0°N /87.3° E

MAX SUSTAINED WINDS: 105 KT, GUSTS 115 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

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:

200000Z 19.3°N /87.7° 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
60NM 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:

200600Z 20.9°N /88.2° E

MAX SUSTAINED WINDS: 90 KT, GUSTS 100 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
60NM 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:

201800Z 22.7°N /88.7° E

MAX SUSTAINED WINDS: 55 KT, GUSTS 65 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
60NM NORTHWEST QUADRANT

48 HRS, VALID AT:

210600Z 24.3°N /89.3° E

MAX SUSTAINED WINDS: 30 KT, GUSTS 40 KT

RADIUS OF 027 KT WINDS:

150 NM NORTHEAST QUADRANT
130 NM SOUTHEAST QUADRANT
100 NM SOUTHWEST QUADRANT
110 NM NORTHWEST QUADRANT

60 HRS, VALID AT:

211800Z 25.6°N /90.2° E

MAX SUSTAINED WINDS: 15 KT, GUSTS 25KT
