

QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH SUPER CYCLONIC STORM "AMPHAN" OVER BAY OF BENGAL BASED ON 0000 UTC OF 19th MAY, 2020 FOR WHICH FORECAST IS PREPARED:

PRESENT DATE AND TIME: **190000 UTC**

PRESENT POSITION: **15.6°N/86.7°E**

POSITION ACCURATE TO 20 KM

PRESENT MOVEMENT (DDD/FF) PAST SIX HOURS: 020/07 KT

PRESENT WIND DISTRIBUTION:

MAX SUSTAINED WINDS: 120 KT, GUSTS 135 KT

RADIUS OF MAXIMUM WIND **25 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:

190600Z 16.8N /87.0° 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:

191200Z 17.4°N /87.1° 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

18 HRS, VALID AT:

191800Z 18.3°N /87.4° E

MAX SUSTAINED WINDS: 95 KT, GUSTS 105 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:

200000Z 19.6°N /87.8° 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:

201200Z 21.7°N /88.4° E

MAX SUSTAINED WINDS: 80 KT, GUSTS 90 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*

48 HRS, VALID AT:

210000Z 23.8°N /89.1° E

MAX SUSTAINED WINDS: 40 KT, GUSTS 50 KT

RADIUS OF 027 KT WINDS:

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

RADIUS OF 034 KT WINDS:

110 NM NORTHEAST QUADRANT
100 NM SOUTHEAST QUADRANT
080 NM SOUTHWEST QUADRANT
090 NM NORTHWEST QUADRANT

60 HRS, VALID AT:

211200Z 25.9°N /89.9° E

MAX SUSTAINED WINDS: 25 KT, GUSTS 35KT
