

QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH SUPER CYCLONIC STORM "AMPHAN" OVER BAY OF BENGAL BASED ON 0600 UTC OF 18th MAY, 2020 FOR WHICH FORECAST IS PREPARED:

PRESENT DATE AND TIME: **180600 UTC**

PRESENT POSITION: **13.4°N/86.2°E**

POSITION ACCURATE TO 20 KM

PRESENT MOVEMENT (DDD/FF) PAST SIX HOURS: 010/12 KT

PRESENT WIND DISTRIBUTION:

MAX SUSTAINED WINDS: 120 KT, GUSTS 130 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:

181200Z 14.6N /86.4° 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
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:

181800Z 15.2°N /86.5° 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
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:

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
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:

190600Z 17.1°N /87.0° 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
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:

191800Z 18.3°N /87.3° 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

48 HRS, VALID AT:

200600Z 20.8°N /88.1° 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

60 HRS, VALID AT:

201800Z 22.8°N /88.8° 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*

72 HRS, VALID AT:

210600Z 24.8°N /89.4° E

MAX SUSTAINED WINDS: 40 KT, GUSTS 50KT

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:

120 NM NORTHEAST QUADRANT
120 NM SOUTHEAST QUADRANT
090 NM SOUTHWEST QUADRANT
090 NM NORTHWEST QUADRANT

84 HRS, VALID AT:

211200Z 25.9°N /89.8° E

MAX SUSTAINED WINDS: 25 KT, GUSTS 35 KT
