

QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH SEVERE CYCLONIC STORM AMPHAN OVER BAY OF BENGAL BASED ON 0600 UTC OF 17th MAY, 2020 FOR WHICH FORECAST IS PREPARED:

PRESENT DATE AND TIME: **170600 UTC**

PRESENT POSITION: **12.2°N/86.0°E**

POSITION ACCURATE TO 20 KM

PRESENT MOVEMENT (DDD/FF) PAST SIX HOURS: 320/02 KT

PRESENT WIND DISTRIBUTION:

MAX SUSTAINED WINDS: 55 KT, GUSTS 65 KT

RADIUS OF MAXIMUM WIND **80 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:

171200Z 12.2°N /86.0°E

MAX SUSTAINED WINDS: 60 KT, GUSTS 70 KT

RADIUS OF 027 KT WINDS:

170 NM NORTHEAST QUADRANT
210 NM SOUTHEAST QUADRANT
210 NM SOUTHWEST QUADRANT
130 NM NORTHWEST QUADRANT

RADIUS OF 034 KT WINDS:

110 NM NORTHEAST QUADRANT
110 NM SOUTHEAST QUADRANT
140 NM SOUTHWEST QUADRANT
090 NM NORTHWEST QUADRANT

RADIUS OF 050 KT WINDS:

60 NM NORTHEAST QUADRANT
80 NM SOUTHEAST QUADRANT
80 NM SOUTHWEST QUADRANT
40NM NORTHWEST QUADRANT

12 HRS, VALID AT:

171800Z 12.9N /86.0° E

MAX SUSTAINED WINDS: 65 KT, GUSTS 75 KT

RADIUS OF 027 KT WINDS:

170 NM NORTHEAST QUADRANT
210 NM SOUTHEAST QUADRANT
210 NM SOUTHWEST QUADRANT
130 NM NORTHWEST QUADRANT

RADIUS OF 034 KT WINDS:

110 NM NORTHEAST QUADRANT
110 NM SOUTHEAST QUADRANT
140 NM SOUTHWEST QUADRANT
090 NM NORTHWEST QUADRANT

RADIUS OF 050 KT WINDS:

60 NM NORTHEAST QUADRANT
80NM SOUTHEAST QUADRANT
80 NM SOUTHWEST QUADRANT
40NM NORTHWEST QUADRANT

RADIUS OF 064 KT WINDS:

35 NM NORTHEAST QUADRANT
30 NM SOUTHEAST QUADRANT
30 NM SOUTHWEST QUADRANT

25 NM NORTHWEST QUADRANT

18 HRS, VALID AT:

180000Z 13.5°N /86.0° E

MAX SUSTAINED WINDS: 70 KT, GUSTS 80 KT

RADIUS OF 027 KT WINDS:

170 NM NORTHEAST QUADRANT
210 NM SOUTHEAST QUADRANT
210 NM SOUTHWEST QUADRANT
130 NM NORTHWEST QUADRANT

RADIUS OF 034 KT WINDS:

120 NM NORTHEAST QUADRANT
120 NM SOUTHEAST QUADRANT
150 NM SOUTHWEST QUADRANT
100 NM NORTHWEST QUADRANT

RADIUS OF 050 KT WINDS:

70 NM NORTHEAST QUADRANT
90NM SOUTHEAST QUADRANT
90 NM SOUTHWEST QUADRANT
50NM NORTHWEST QUADRANT

RADIUS OF 064 KT WINDS:

*45 NM NORTHEAST QUADRANT
40 NM SOUTHEAST QUADRANT
40 NM SOUTHWEST QUADRANT
35 NM NORTHWEST QUADRANT*

24 HRS, VALID AT:

180600Z 14.0°N /86.1° E

MAX SUSTAINED WINDS: 75 KT, GUSTS 85 KT

RADIUS OF 027 KT WINDS:

170 NM NORTHEAST QUADRANT
210 NM SOUTHEAST QUADRANT
210 NM SOUTHWEST QUADRANT
130 NM NORTHWEST QUADRANT

RADIUS OF 034 KT WINDS:

120 NM NORTHEAST QUADRANT
120 NM SOUTHEAST QUADRANT
150 NM SOUTHWEST QUADRANT
100 NM NORTHWEST QUADRANT

RADIUS OF 050 KT WINDS:

70 NM NORTHEAST QUADRANT
90NM SOUTHEAST QUADRANT
90 NM SOUTHWEST QUADRANT
50NM NORTHWEST QUADRANT

RADIUS OF 064 KT WINDS:

*45 NM NORTHEAST QUADRANT
40 NM SOUTHEAST QUADRANT
40 NM SOUTHWEST QUADRANT
35 NM NORTHWEST QUADRANT*

36 HRS, VALID AT:

181800Z 15.2°N /86.3° E

MAX SUSTAINED WINDS: 85 KT, GUSTS 95 KT

RADIUS OF 027 KT WINDS:

170 NM NORTHEAST QUADRANT
210 NM SOUTHEAST QUADRANT

210 NM SOUTHWEST QUADRANT
130 NM NORTHWEST QUADRANT

RADIUS OF 034 KT WINDS:

120 NM NORTHEAST QUADRANT
120 NM SOUTHEAST QUADRANT
150 NM SOUTHWEST QUADRANT
100 NM NORTHWEST QUADRANT

RADIUS OF 050 KT WINDS:

70 NM NORTHEAST QUADRANT
90NM SOUTHEAST QUADRANT
90 NM SOUTHWEST QUADRANT
50NM NORTHWEST QUADRANT

RADIUS OF 064 KT WINDS:

45 NM NORTHEAST QUADRANT
40 NM SOUTHEAST QUADRANT
40 NM SOUTHWEST QUADRANT
35 NM NORTHWEST QUADRANT

48 HRS, VALID AT:

190600Z 16.6°N /86.7° E

MAX SUSTAINED WINDS: 95 KT, GUSTS 105 KT

RADIUS OF 027 KT WINDS:

170 NM NORTHEAST QUADRANT
210 NM SOUTHEAST QUADRANT
210 NM SOUTHWEST QUADRANT
130 NM NORTHWEST QUADRANT

RADIUS OF 034 KT WINDS:

120 NM NORTHEAST QUADRANT
120 NM SOUTHEAST QUADRANT
150 NM SOUTHWEST QUADRANT
100 NM NORTHWEST QUADRANT

RADIUS OF 050 KT WINDS:

70 NM NORTHEAST QUADRANT
90NM SOUTHEAST QUADRANT
90 NM SOUTHWEST QUADRANT
50NM NORTHWEST QUADRANT

RADIUS OF 064 KT WINDS:

45 NM NORTHEAST QUADRANT
40 NM SOUTHEAST QUADRANT
40 NM SOUTHWEST QUADRANT
35 NM NORTHWEST QUADRANT

60 HRS, VALID AT:

191800Z 18.4°N /87.2° E

MAX SUSTAINED WINDS: 95 KT, GUSTS 105 KT

RADIUS OF 027 KT WINDS:

170 NM NORTHEAST QUADRANT
210 NM SOUTHEAST QUADRANT
210 NM SOUTHWEST QUADRANT
130 NM NORTHWEST QUADRANT

RADIUS OF 034 KT WINDS:

120 NM NORTHEAST QUADRANT
120 NM SOUTHEAST QUADRANT
150 NM SOUTHWEST QUADRANT
100 NM NORTHWEST QUADRANT

RADIUS OF 050 KT WINDS:

70 NM NORTHEAST QUADRANT

90NM SOUTHEAST QUADRANT
90 NM SOUTHWEST QUADRANT
50NM NORTHWEST QUADRANT

RADIUS OF 064 KT WINDS:

45 NM NORTHEAST QUADRANT
40 NM SOUTHEAST QUADRANT
40 NM SOUTHWEST QUADRANT
35 NM NORTHWEST QUADRANT

72 HRS, VALID AT:

200600Z 20.4°N /87.7° E

MAX SUSTAINED WINDS: 90 KT, GUSTS 100KT

RADIUS OF 027 KT WINDS:

170 NM NORTHEAST QUADRANT
210 NM SOUTHEAST QUADRANT
210 NM SOUTHWEST QUADRANT
130 NM NORTHWEST QUADRANT

RADIUS OF 034 KT WINDS:

120 NM NORTHEAST QUADRANT
120 NM SOUTHEAST QUADRANT
150 NM SOUTHWEST QUADRANT
100 NM NORTHWEST QUADRANT

RADIUS OF 050 KT WINDS:

70 NM NORTHEAST QUADRANT
90NM SOUTHEAST QUADRANT
90 NM SOUTHWEST QUADRANT
50NM NORTHWEST QUADRANT

RADIUS OF 064 KT WINDS:

45 NM NORTHEAST QUADRANT
40 NM SOUTHEAST QUADRANT
40 NM SOUTHWEST QUADRANT
35 NM NORTHWEST QUADRANT T

84 HRS, VALID AT:

201800Z 22.4°N /88.2° E

MAX SUSTAINED WINDS: 70 KT, GUSTS 80 KT

RADIUS OF 027 KT WINDS:

170 NM NORTHEAST QUADRANT
210 NM SOUTHEAST QUADRANT
210 NM SOUTHWEST QUADRANT
130 NM NORTHWEST QUADRANT

RADIUS OF 034 KT WINDS:

120 NM NORTHEAST QUADRANT
120 NM SOUTHEAST QUADRANT
150 NM SOUTHWEST QUADRANT
100 NM NORTHWEST QUADRANT

RADIUS OF 050 KT WINDS:

70 NM NORTHEAST QUADRANT
90NM SOUTHEAST QUADRANT
90 NM SOUTHWEST QUADRANT
50NM NORTHWEST QUADRANT

RADIUS OF 064 KT WINDS:

45 NM NORTHEAST QUADRANT
40 NM SOUTHEAST QUADRANT
40 NM SOUTHWEST QUADRANT
35 NM NORTHWEST QUADRANT

96 HRS, VALID AT:

210600Z 24.2°N /88.7° E

MAX SUSTAINED WINDS: 40 KT, GUSTS 50 KT

RADIUS OF 027 KT WINDS:

160 NM NORTHEAST QUADRANT
200 NM SOUTHEAST QUADRANT
200 NM SOUTHWEST QUADRANT
120 NM NORTHWEST QUADRANT

RADIUS OF 034 KT WINDS:

*100 NM NORTHEAST QUADRANT
100 NM SOUTHEAST QUADRANT
130 NM SOUTHWEST QUADRANT
080 NM NORTHWEST QUADRANT*

108 HRS, VALID AT:

211800Z 26.0°N /89.2° E

MAX SUSTAINED WINDS: 25 KT, GUSTS 35 KT
