

QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH SEVERE CYCLONIC STORM AMPHAN OVER BAY OF BENGAL BASED ON 1200 UTC OF 17th MAY, 2020 FOR WHICH FORECAST IS PREPARED:

PRESENT DATE AND TIME: **171200 UTC**

PRESENT POSITION: **12.0°N/86.0°E**

POSITION ACCURATE TO 20 KM

PRESENT MOVEMENT (DDD/FF) PAST SIX HOURS: 360/09 KT

PRESENT WIND DISTRIBUTION:

MAX SUSTAINED WINDS: 65 KT, GUSTS 75 KT

RADIUS OF MAXIMUM WIND **90 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:

171800Z 12.9°N /86.0°E

MAX SUSTAINED WINDS: 70 KT, GUSTS 80 KT

RADIUS OF 027 KT WINDS:

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

RADIUS OF 034 KT WINDS:

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

RADIUS OF 050 KT WINDS:

60 NM NORTHEAST QUADRANT
60 NM SOUTHEAST QUADRANT
40 NM SOUTHWEST QUADRANT
50NM NORTHWEST QUADRANT

RADIUS OF 064 KT WINDS:

*35 NM NORTHEAST QUADRANT
30 NM SOUTHEAST QUADRANT
25 NM SOUTHWEST QUADRANT
25 NM NORTHWEST QUADRANT*

12 HRS, VALID AT:

180000Z 13.5N /86.0° E

MAX SUSTAINED WINDS: 75 KT, GUSTS 85 KT

RADIUS OF 027 KT WINDS:

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

RADIUS OF 034 KT WINDS:

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

RADIUS OF 050 KT WINDS:

60 NM NORTHEAST QUADRANT
60 NM SOUTHEAST QUADRANT

40 NM SOUTHWEST QUADRANT
50NM NORTHWEST QUADRANT

RADIUS OF 064 KT WINDS:

35 NM NORTHEAST QUADRANT
30 NM SOUTHEAST QUADRANT
25 NM SOUTHWEST QUADRANT
25 NM NORTHWEST QUADRANT

18 HRS, VALID AT:

180600Z 14.0°N /86.1° E

MAX SUSTAINED WINDS: 80 KT, GUSTS 90 KT

RADIUS OF 027 KT WINDS:

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

RADIUS OF 034 KT WINDS:

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

RADIUS OF 050 KT WINDS:

60 NM NORTHEAST QUADRANT
60 NM SOUTHEAST QUADRANT
40 NM SOUTHWEST QUADRANT
50NM NORTHWEST QUADRANT

RADIUS OF 064 KT WINDS:

35 NM NORTHEAST QUADRANT
30 NM SOUTHEAST QUADRANT
25 NM SOUTHWEST QUADRANT
25 NM NORTHWEST QUADRANT

24 HRS, VALID AT:

181200Z 14.6°N /86.2° E

MAX SUSTAINED WINDS: 85 KT, GUSTS 95 KT

RADIUS OF 027 KT WINDS:

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

RADIUS OF 034 KT WINDS:

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

RADIUS OF 050 KT WINDS:

60 NM NORTHEAST QUADRANT
60 NM SOUTHEAST QUADRANT
40 NM SOUTHWEST QUADRANT
50NM NORTHWEST QUADRANT

RADIUS OF 064 KT WINDS:

35 NM NORTHEAST QUADRANT
30 NM SOUTHEAST QUADRANT
25 NM SOUTHWEST QUADRANT
25 NM NORTHWEST QUADRANT

36 HRS, VALID AT:

190000Z 15.9°N /86.5° E

MAX SUSTAINED WINDS: 95 KT, GUSTS 105 KT

RADIUS OF 027 KT WINDS:

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

RADIUS OF 034 KT WINDS:

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

RADIUS OF 050 KT WINDS:

60 NM NORTHEAST QUADRANT
60 NM SOUTHEAST QUADRANT
40 NM SOUTHWEST QUADRANT
50NM NORTHWEST QUADRANT

RADIUS OF 064 KT WINDS:

*35 NM NORTHEAST QUADRANT
30 NM SOUTHEAST QUADRANT
25 NM SOUTHWEST QUADRANT
25 NM NORTHWEST QUADRANT*

48 HRS, VALID AT:

191200Z 17.5°N /86.9° E

MAX SUSTAINED WINDS: 95 KT, GUSTS 105 KT

RADIUS OF 027 KT WINDS:

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

RADIUS OF 034 KT WINDS:

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

RADIUS OF 050 KT WINDS:

60 NM NORTHEAST QUADRANT
60 NM SOUTHEAST QUADRANT
40 NM SOUTHWEST QUADRANT
50NM NORTHWEST QUADRANT

RADIUS OF 064 KT WINDS:

*35 NM NORTHEAST QUADRANT
30 NM SOUTHEAST QUADRANT
25 NM SOUTHWEST QUADRANT
25 NM NORTHWEST QUADRANT*

60 HRS, VALID AT:

200000Z 19.6°N /87.4° E

MAX SUSTAINED WINDS: 90 KT, GUSTS 100 KT

RADIUS OF 027 KT WINDS:

170 NM NORTHEAST QUADRANT
170 NM SOUTHEAST QUADRANT
110 NM SOUTHWEST QUADRANT

130 NM NORTHWEST QUADRANT

RADIUS OF 034 KT WINDS:

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

RADIUS OF 050 KT WINDS:

60 NM NORTHEAST QUADRANT
60 NM SOUTHEAST QUADRANT
40 NM SOUTHWEST QUADRANT
50NM NORTHWEST QUADRANT

RADIUS OF 064 KT WINDS:

35 NM NORTHEAST QUADRANT
30 NM SOUTHEAST QUADRANT
25 NM SOUTHWEST QUADRANT
25 NM NORTHWEST QUADRANT

72 HRS, VALID AT:

201200Z 21.8°N /88.0° E

MAX SUSTAINED WINDS: 80 KT, GUSTS 90KT

RADIUS OF 027 KT WINDS:

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

RADIUS OF 034 KT WINDS:

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

RADIUS OF 050 KT WINDS:

60 NM NORTHEAST QUADRANT
60 NM SOUTHEAST QUADRANT
40 NM SOUTHWEST QUADRANT
50NM NORTHWEST QUADRANT

RADIUS OF 064 KT WINDS:

35 NM NORTHEAST QUADRANT
30 NM SOUTHEAST QUADRANT
25 NM SOUTHWEST QUADRANT
25 NM NORTHWEST QUADRANT

84 HRS, VALID AT:

210000Z 23.4°N /88.4° E

MAX SUSTAINED WINDS: 55 KT, GUSTS 65 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:

100 NM NORTHEAST QUADRANT
100 NM SOUTHEAST QUADRANT
050 NM SOUTHWEST QUADRANT
080 NM NORTHWEST QUADRANT

RADIUS OF 050 KT WINDS:

60 NM NORTHEAST QUADRANT
60 NM SOUTHEAST QUADRANT

40 NM SOUTHWEST QUADRANT
40NM NORTHWEST QUADRANT

96 HRS, VALID AT:

211200Z 25.2°N /88.9° E

MAX SUSTAINED WINDS: 35 KT, GUSTS 45 KT

RADIUS OF 027 KT WINDS:

130 NM NORTHEAST QUADRANT

110 NM SOUTHEAST QUADRANT

80 NM SOUTHWEST QUADRANT

90 NM NORTHWEST QUADRANT

RADIUS OF 034 KT WINDS:

90 NM NORTHEAST QUADRANT

90 NM SOUTHEAST QUADRANT

60 NM SOUTHWEST QUADRANT

70 NM NORTHWEST QUADRANT

108 HRS, VALID AT:

220000Z 26.8°N /89.4° E

MAX SUSTAINED WINDS: 20 KT, GUSTS 30 KT
