

QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH SEVERE CYCLONIC STORM AMPHAN OVER BAY OF BENGAL BASED ON 1800 UTC OF 17th MAY, 2020 FOR WHICH FORECAST IS PREPARED:

PRESENT DATE AND TIME: **171800 UTC**

PRESENT POSITION: **12.5°N/86.4°E**

POSITION ACCURATE TO 20 KM

PRESENT MOVEMENT (DDD/FF) PAST SIX HOURS: 040/06 KT

PRESENT WIND DISTRIBUTION:

MAX SUSTAINED WINDS: 80 KT, GUSTS 90 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:

180000Z 13.5N /86.5° 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*

12 HRS, VALID AT:

180600Z 14.0°N /86.6° 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

18 HRS, VALID AT:

181200Z 14.6°N /86.7° E

MAX SUSTAINED WINDS: 100 KT, GUSTS 110 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:

181800Z 15.2°N /86.8° E

MAX SUSTAINED WINDS: 105 KT, GUSTS 115 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:

190600Z 16.7°N /87.2° E

MAX SUSTAINED WINDS: 105 KT, GUSTS 115 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:

191800Z 18.5°N /87.7° E

MAX SUSTAINED WINDS: 100 KT, GUSTS 110 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:

200600Z 20.7°N /88.3° 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

72 HRS, VALID AT:

201800Z 22.6°N /88.7° E

MAX SUSTAINED WINDS: 75 KT, GUSTS 85KT

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:

210600Z 23.8°N /88.9° E

MAX SUSTAINED WINDS: 50 KT, GUSTS 60 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:

211800Z 26.0°N /89.3° E

MAX SUSTAINED WINDS: 25 KT, GUSTS 35 KT
