

**QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH SEVERE CYCLONIC STORM AMPHAN OVER BAY OF BENGAL BASED ON 0000 UTC OF 18<sup>th</sup> MAY, 2020 FOR WHICH FORECAST IS PREPARED:**

PRESENT DATE AND TIME: **180000 UTC**

PRESENT POSITION: **13.2°N/86.3°E**

POSITION ACCURATE TO 20 KM

PRESENT MOVEMENT (DDD/FF) PAST SIX HOURS: 040/07 KT

PRESENT WIND DISTRIBUTION:

MAX SUSTAINED WINDS: 100 KT, GUSTS 110 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:

**180600Z 14.0N /86.4° E**

MAX SUSTAINED WINDS: 110 KT, GUSTS 120 KT

**RADIUS OF 027 KT WINDS:**

170 NM NORTHEAST QUADRANT  
160 NM SOUTHEAST QUADRANT  
110 NM SOUTHWEST QUADRANT  
130 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:

**181200Z 14.6°N /86.5° E**

MAX SUSTAINED WINDS: 120 KT, GUSTS 130 KT

**RADIUS OF 027 KT WINDS:**

170 NM NORTHEAST QUADRANT  
160 NM SOUTHEAST QUADRANT  
110 NM SOUTHWEST QUADRANT  
130 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:

**181800Z 15.2°N /86.6° E**

MAX SUSTAINED WINDS: 120 KT, GUSTS 130 KT

**RADIUS OF 027 KT WINDS:**

170 NM NORTHEAST QUADRANT  
160 NM SOUTHEAST QUADRANT  
110 NM SOUTHWEST QUADRANT  
130 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:

**190000Z 15.9°N /86.8° E**

MAX SUSTAINED WINDS: 120 KT, GUSTS 130 KT

**RADIUS OF 027 KT WINDS:**

170 NM NORTHEAST QUADRANT  
160 NM SOUTHEAST QUADRANT  
110 NM SOUTHWEST QUADRANT  
130 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:

**191200Z 17.6°N /87.2° E**

MAX SUSTAINED WINDS: 110 KT, GUSTS 120 KT

**RADIUS OF 027 KT WINDS:**

170 NM NORTHEAST QUADRANT  
160 NM SOUTHEAST QUADRANT  
110 NM SOUTHWEST QUADRANT  
130 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:

**200000Z 19.9°N /87.8° E**

MAX SUSTAINED WINDS: 100 KT, GUSTS 110 KT

**RADIUS OF 027 KT WINDS:**

170 NM NORTHEAST QUADRANT  
160 NM SOUTHEAST QUADRANT  
110 NM SOUTHWEST QUADRANT  
130 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:

**201200Z 22.1°N /88.6° E**

MAX SUSTAINED WINDS: 80 KT, GUSTS 90 KT

**RADIUS OF 027 KT WINDS:**

170 NM NORTHEAST QUADRANT  
160 NM SOUTHEAST QUADRANT

110 NM SOUTHWEST QUADRANT  
130 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:

**210000Z 24.0°N /89.3° E**

MAX SUSTAINED WINDS: 45 KT, GUSTS 55KT

**RADIUS OF 027 KT WINDS:**

150 NM NORTHEAST QUADRANT  
130 NM SOUTHEAST QUADRANT  
110 NM SOUTHWEST QUADRANT  
130 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 /90.0° E**

MAX SUSTAINED WINDS: 25 KT, GUSTS 35 KT