

**QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH SUPER CYCLONIC STORM "AMPHAN" OVER BAY OF BENGAL BASED ON 1800 UTC OF 18<sup>th</sup> MAY, 2020 FOR WHICH FORECAST IS PREPARED:**

PRESENT DATE AND TIME: **181200 UTC**

PRESENT POSITION: **14.9°N/86.5°E**

POSITION ACCURATE TO 20 KM

PRESENT MOVEMENT (DDD/FF) PAST SIX HOURS: 010/10 KT

PRESENT WIND DISTRIBUTION:

MAX SUSTAINED WINDS: 125 KT, GUSTS 135 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:

**190000Z 15.9N /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*

12 HRS, VALID AT:

**190600Z 17.1°N /87.0° E**

MAX SUSTAINED WINDS: 115 KT, GUSTS 125 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:

**191200Z 17.7°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  
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:

**191800Z 18.6°N /87.5° 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

36 HRS, VALID AT:

**200600Z 20.7°N /88.1° E**

MAX SUSTAINED WINDS: 85 KT, GUSTS 95 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:

**201800Z 22.8°N /88.8° E**

MAX SUSTAINED WINDS: 50 KT, GUSTS 60 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

60 HRS, VALID AT:

**210600Z 24.8°N /89.5° E**

MAX SUSTAINED WINDS: 30 KT, GUSTS 40 KT

**RADIUS OF 027 KT WINDS:**

170 NM NORTHEAST QUADRANT  
160 NM SOUTHEAST QUADRANT  
140 NM SOUTHWEST QUADRANT  
160 NM NORTHWEST QUADRANT

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