

**QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH EXTREMELY SEVERE CYCLONIC STORM  
"AMPHAN" OVER BAY OF BENGAL BASED ON 1200 UTC OF 19<sup>th</sup> MAY, 2020 FOR WHICH FORECAST  
IS PREPARED:**

PRESENT DATE AND TIME: **191200 UTC**

PRESENT POSITION: **17.4°N/87.0°E**

POSITION ACCURATE TO 20 KM

PRESENT MOVEMENT (DDD/FF) PAST SIX HOURS: 006/09 KT

PRESENT WIND DISTRIBUTION:

MAX SUSTAINED WINDS: 105 KT, GUSTS 115 KT

RADIUS OF MAXIMUM WIND **20 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:

**191800Z 18.4°N /87.2° 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*

12 HRS, VALID AT:

**200000Z 19.4°N /87.4° E**

MAX SUSTAINED WINDS: 95 KT, GUSTS 105 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:

**200600Z 20.6°N /87.8° E**

MAX SUSTAINED WINDS: 90 KT, GUSTS 100 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:

**201200Z 21.8°N /88.3° 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

36 HRS, VALID AT:

**210000Z 23.8°N /89.2° E**

MAX SUSTAINED WINDS: 45 KT, GUSTS 55 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

48 HRS, VALID AT:

**211200Z 25.0°N /90.0° E**

MAX SUSTAINED WINDS: 25 KT, GUSTS 35 KT

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