

**QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH EXTREMELY SEVERE CYCLONIC STORM  
"AMPHAN" OVER BAY OF BENGAL BASED ON 1200 UTC OF 20<sup>th</sup> MAY, 2020 FOR WHICH FORECAST  
IS PREPARED:**

PRESENT DATE AND TIME: **201200 UTC**

PRESENT POSITION: **21.9°N/88.4°E**

POSITION ACCURATE TO 20 KM

PRESENT MOVEMENT (DDD/FF) PAST SIX HOURS: 017/13 KT

PRESENT WIND DISTRIBUTION:

MAX SUSTAINED WINDS: 80 KT, GUSTS 90 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:

**201800Z 23.2°N /88.80° E**

MAX SUSTAINED WINDS: 55 KT, GUSTS 65 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

12 HRS, VALID AT:

**210000Z 24.6°N /89.3° E**

MAX SUSTAINED WINDS: 35 KT, GUSTS 45 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

18 HRS, VALID AT:

**210600Z 26.0°N /90.3° E**

MAX SUSTAINED WINDS: 20 KT, GUSTS 30 KT

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