

**QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH SEVERE CYCLONIC STORM AMPHAN OVER BAY OF BENGAL BASED ON 0000 UTC OF 01<sup>th</sup> JUNE, 2020 FOR WHICH FORECAST IS PREPARED:**

PRESENT DATE AND TIME: **010000 UTC**

PRESENT POSITION: **13.0°N/71.4°E**

POSITION ACCURATE TO 20 KM

PRESENT MOVEMENT (DDD/FF) PAST SIX HOURS: **360/05 KT**

PRESENT WIND DISTRIBUTION:

MAX SUSTAINED WINDS: **25 KT**, GUSTS 35 KT

RADIUS OF MAXIMUM WIND **85 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:

**010600Z 13.30N /71.2° E**

MAX SUSTAINED WINDS: 25 KT, GUSTS 35 KT

12 HRS, VALID AT:

**011200Z 13.7°N /71.0° E**

MAX SUSTAINED WINDS: 30 KT, GUSTS 40 KT

**RADIUS OF 027 KT WINDS:**

140 NM NORTHEAST QUADRANT  
130 NM SOUTHEAST QUADRANT  
120 NM SOUTHWEST QUADRANT  
100 NM NORTHWEST QUADRANT

18 HRS, VALID AT:

**011800Z 14.2°N /70.9° E**

MAX SUSTAINED WINDS: 30 KT, GUSTS 40 KT

**RADIUS OF 027 KT WINDS:**

140 NM NORTHEAST QUADRANT  
130 NM SOUTHEAST QUADRANT  
120 NM SOUTHWEST QUADRANT  
100 NM NORTHWEST QUADRANT

24 HRS, VALID AT:

**020000Z 14.9°N /70.8° E**

MAX SUSTAINED WINDS: 35 KT, GUSTS 45 KT

**RADIUS OF 027 KT WINDS:**

140 NM NORTHEAST QUADRANT  
130 NM SOUTHEAST QUADRANT  
120 NM SOUTHWEST QUADRANT  
100 NM NORTHWEST QUADRANT

**RADIUS OF 034 KT WINDS:**

120 NM NORTHEAST QUADRANT  
110 NM SOUTHEAST QUADRANT  
100 NM SOUTHWEST QUADRANT  
80 NM NORTHWEST QUADRANT

36 HRS, VALID AT:

**021200Z 15.7°N /70.9° E**

MAX SUSTAINED WINDS: 45 KT, GUSTS 55 KT

**RADIUS OF 027 KT WINDS:**

140 NM NORTHEAST QUADRANT  
130 NM SOUTHEAST QUADRANT  
120 NM SOUTHWEST QUADRANT  
100 NM NORTHWEST QUADRANT

***RADIUS OF 034 KT WINDS:***

120 NM NORTHEAST QUADRANT  
110 NM SOUTHEAST QUADRANT  
100 NM SOUTHWEST QUADRANT  
80 NM NORTHWEST QUADRANT

48 HRS, VALID AT:

**030000Z 17.0°N /71.4° E**

MAX SUSTAINED WINDS: 50 KT, GUSTS 60 KT

**RADIUS OF 027 KT WINDS:**

140 NM NORTHEAST QUADRANT  
130 NM SOUTHEAST QUADRANT  
120 NM SOUTHWEST QUADRANT  
100 NM NORTHWEST QUADRANT

***RADIUS OF 034 KT WINDS:***

120 NM NORTHEAST QUADRANT  
110 NM SOUTHEAST QUADRANT  
100 NM SOUTHWEST QUADRANT  
80 NM NORTHWEST QUADRANT

**RADIUS OF 050 KT WINDS:**

60 NM NORTHEAST QUADRANT  
55 NM SOUTHEAST QUADRANT  
50 NM SOUTHWEST QUADRANT  
40NM NORTHWEST QUADRANT

60 HRS, VALID AT:

**031200Z 18.4°N /72.2° E**

MAX SUSTAINED WINDS: 60 KT, GUSTS 70 KT

**RADIUS OF 027 KT WINDS:**

140 NM NORTHEAST QUADRANT  
130 NM SOUTHEAST QUADRANT  
120 NM SOUTHWEST QUADRANT  
100 NM NORTHWEST QUADRANT

***RADIUS OF 034 KT WINDS:***

120 NM NORTHEAST QUADRANT  
110 NM SOUTHEAST QUADRANT  
100 NM SOUTHWEST QUADRANT  
80 NM NORTHWEST QUADRANT

**RADIUS OF 050 KT WINDS:**

60 NM NORTHEAST QUADRANT  
55 NM SOUTHEAST QUADRANT  
50 NM SOUTHWEST QUADRANT  
40NM NORTHWEST QUADRANT

72 HRS, VALID AT:

**040000Z 19.6°N /72.9° E**

MAX SUSTAINED WINDS: 55 KT, GUSTS 65KT

**RADIUS OF 027 KT WINDS:**

140 NM NORTHEAST QUADRANT  
130 NM SOUTHEAST QUADRANT  
120 NM SOUTHWEST QUADRANT  
100 NM NORTHWEST QUADRANT

***RADIUS OF 034 KT WINDS:***

120 NM NORTHEAST QUADRANT  
110 NM SOUTHEAST QUADRANT  
100 NM SOUTHWEST QUADRANT  
80 NM NORTHWEST QUADRANT

**RADIUS OF 050 KT WINDS:**

60 NM NORTHEAST QUADRANT  
55 NM SOUTHEAST QUADRANT  
50 NM SOUTHWEST QUADRANT  
40NM NORTHWEST QUADRANT

84 HRS, VALID AT:

**041200Z 20.79°N /73.5 E**

MAX SUSTAINED WINDS: 35 KT, GUSTS 45 KT

**RADIUS OF 027 KT WINDS:**

140 NM NORTHEAST QUADRANT  
130 NM SOUTHEAST QUADRANT  
120 NM SOUTHWEST QUADRANT  
100 NM NORTHWEST QUADRANT

***RADIUS OF 034 KT WINDS:***

120 NM NORTHEAST QUADRANT  
110 NM SOUTHEAST QUADRANT  
100 NM SOUTHWEST QUADRANT  
80 NM NORTHWEST QUADRANT