

QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH CYCLONIC STORM AMPHAN OVER EASTCENTRAL ARABIAN SEA BASED ON 0000 UTC OF 17th MAY, 2020 FOR WHICH FORECAST IS PREPARED:

PRESENT DATE AND TIME: **170000 UTC**

PRESENT POSITION: **11.4°N/86.0°E**

POSITION ACCURATE TO 20 KM

PRESENT MOVEMENT (DDD/FF) PAST SIX HOURS: 340/03 KT

PRESENT WIND DISTRIBUTION:

MAX SUSTAINED WINDS: 45 KT, GUSTS 55 KT

RADIUS OF MAXIMUM WIND **80 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:

170600Z 11.9°N /85.9°E

MAX SUSTAINED WINDS: 55 KT, GUSTS 65 KT

RADIUS OF 027 KT WINDS:

160 NM NORTHEAST QUADRANT
200 NM SOUTHEAST QUADRANT
200 NM SOUTHWEST QUADRANT
120 NM NORTHWEST QUADRANT

RADIUS OF 034 KT WINDS:

100 NM NORTHEAST QUADRANT
100 NM SOUTHEAST QUADRANT
130 NM SOUTHWEST QUADRANT
080 NM NORTHWEST QUADRANT

RADIUS OF 050 KT WINDS:

60 NM NORTHEAST QUADRANT
80NM SOUTHEAST QUADRANT
80 NM SOUTHWEST QUADRANT
40NM NORTHWEST QUADRANT

12 HRS, VALID AT:

171200Z 12.5N /85.8° E

MAX SUSTAINED WINDS: 60 KT, GUSTS 70 KT

RADIUS OF 027 KT WINDS:

160 NM NORTHEAST QUADRANT
200 NM SOUTHEAST QUADRANT
200 NM SOUTHWEST QUADRANT
120 NM NORTHWEST QUADRANT

RADIUS OF 034 KT WINDS:

100 NM NORTHEAST QUADRANT
100 NM SOUTHEAST QUADRANT
130 NM SOUTHWEST QUADRANT
080 NM NORTHWEST QUADRANT

RADIUS OF 050 KT WINDS:

60 NM NORTHEAST QUADRANT
80NM SOUTHEAST QUADRANT
80 NM SOUTHWEST QUADRANT
40NM NORTHWEST QUADRANT

18 HRS, VALID AT:

171800Z 13.1°N /85.9° E

MAX SUSTAINED WINDS: 65 KT, GUSTS 75 KT

RADIUS OF 027 KT WINDS:

170 NM NORTHEAST QUADRANT
210 NM SOUTHEAST QUADRANT
210 NM SOUTHWEST QUADRANT
130 NM NORTHWEST QUADRANT

RADIUS OF 034 KT WINDS:

110 NM NORTHEAST QUADRANT
110 NM SOUTHEAST QUADRANT
140 NM SOUTHWEST QUADRANT
090 NM NORTHWEST QUADRANT

RADIUS OF 050 KT WINDS:

60 NM NORTHEAST QUADRANT
80NM SOUTHEAST QUADRANT
80 NM SOUTHWEST QUADRANT
40NM NORTHWEST QUADRANT

RADIUS OF 064 KT WINDS:

*35 NM NORTHEAST QUADRANT
30 NM SOUTHEAST QUADRANT
30 NM SOUTHWEST QUADRANT
25 NM NORTHWEST QUADRANT*

24 HRS, VALID AT:

180000Z 13.7°N /86.0° E

MAX SUSTAINED WINDS: 70 KT, GUSTS 80 KT

RADIUS OF 027 KT WINDS:

170 NM NORTHEAST QUADRANT
210 NM SOUTHEAST QUADRANT
210 NM SOUTHWEST QUADRANT
130 NM NORTHWEST QUADRANT

RADIUS OF 034 KT WINDS:

120 NM NORTHEAST QUADRANT
120 NM SOUTHEAST QUADRANT
150 NM SOUTHWEST QUADRANT
100 NM NORTHWEST QUADRANT

RADIUS OF 050 KT WINDS:

70 NM NORTHEAST QUADRANT
90NM SOUTHEAST QUADRANT
90 NM SOUTHWEST QUADRANT
50NM NORTHWEST QUADRANT

RADIUS OF 064 KT WINDS:

*45 NM NORTHEAST QUADRANT
40 NM SOUTHEAST QUADRANT
40 NM SOUTHWEST QUADRANT
35 NM NORTHWEST QUADRANT*

36 HRS, VALID AT:

181200Z 14.8°N /86.2° E

MAX SUSTAINED WINDS: 80 KT, GUSTS 90 KT

RADIUS OF 027 KT WINDS:

170 NM NORTHEAST QUADRANT
210 NM SOUTHEAST QUADRANT
210 NM SOUTHWEST QUADRANT
130 NM NORTHWEST QUADRANT

RADIUS OF 034 KT WINDS:

120 NM NORTHEAST QUADRANT
120 NM SOUTHEAST QUADRANT
150 NM SOUTHWEST QUADRANT

100 NM NORTHWEST QUADRANT
RADIUS OF 050 KT WINDS:

70 NM NORTHEAST QUADRANT
90NM SOUTHEAST QUADRANT
90 NM SOUTHWEST QUADRANT
50NM NORTHWEST QUADRANT

RADIUS OF 064 KT WINDS:

45 NM NORTHEAST QUADRANT
40 NM SOUTHEAST QUADRANT
40 NM SOUTHWEST QUADRANT
35 NM NORTHWEST QUADRANT

48 HRS, VALID AT:

190000Z 16.1°N /86.6° E

MAX SUSTAINED WINDS: 90 KT, GUSTS 100 KT

RADIUS OF 027 KT WINDS:

170 NM NORTHEAST QUADRANT
210 NM SOUTHEAST QUADRANT
210 NM SOUTHWEST QUADRANT
130 NM NORTHWEST QUADRANT

RADIUS OF 034 KT WINDS:

120 NM NORTHEAST QUADRANT
120 NM SOUTHEAST QUADRANT
150 NM SOUTHWEST QUADRANT
100 NM NORTHWEST QUADRANT

RADIUS OF 050 KT WINDS:

70 NM NORTHEAST QUADRANT
90NM SOUTHEAST QUADRANT
90 NM SOUTHWEST QUADRANT
50NM NORTHWEST QUADRANT

RADIUS OF 064 KT WINDS:

45 NM NORTHEAST QUADRANT
40 NM SOUTHEAST QUADRANT
40 NM SOUTHWEST QUADRANT
35 NM NORTHWEST QUADRANT

60 HRS, VALID AT:

191200Z 17.6°N /87.2° E

MAX SUSTAINED WINDS: 95 KT, GUSTS 105 KT

RADIUS OF 027 KT WINDS:

170 NM NORTHEAST QUADRANT
210 NM SOUTHEAST QUADRANT
210 NM SOUTHWEST QUADRANT
130 NM NORTHWEST QUADRANT

RADIUS OF 034 KT WINDS:

120 NM NORTHEAST QUADRANT
120 NM SOUTHEAST QUADRANT
150 NM SOUTHWEST QUADRANT
100 NM NORTHWEST QUADRANT

RADIUS OF 050 KT WINDS:

70 NM NORTHEAST QUADRANT
90NM SOUTHEAST QUADRANT
90 NM SOUTHWEST QUADRANT
50NM NORTHWEST QUADRANT

RADIUS OF 064 KT WINDS:

45 NM NORTHEAST QUADRANT
40 NM SOUTHEAST QUADRANT
40 NM SOUTHWEST QUADRANT

35 NM NORTHWEST QUADRANT

72 HRS, VALID AT:

200000Z 19.6°N /88.0° E

MAX SUSTAINED WINDS: 95 KT, GUSTS 105KT

RADIUS OF 027 KT WINDS:

170 NM NORTHEAST QUADRANT
210 NM SOUTHEAST QUADRANT
210 NM SOUTHWEST QUADRANT
130 NM NORTHWEST QUADRANT

RADIUS OF 034 KT WINDS:

120 NM NORTHEAST QUADRANT
120 NM SOUTHEAST QUADRANT
150 NM SOUTHWEST QUADRANT
100 NM NORTHWEST QUADRANT

RADIUS OF 050 KT WINDS:

70 NM NORTHEAST QUADRANT
90NM SOUTHEAST QUADRANT
90 NM SOUTHWEST QUADRANT
50NM NORTHWEST QUADRANT

RADIUS OF 064 KT WINDS:

*45 NM NORTHEAST QUADRANT
40 NM SOUTHEAST QUADRANT
40 NM SOUTHWEST QUADRANT
35 NM NORTHWEST QUADRANT T*

84 HRS, VALID AT:

201200Z 21.7°N /89.0° E

MAX SUSTAINED WINDS: 85 KT, GUSTS 95 KT

RADIUS OF 027 KT WINDS:

170 NM NORTHEAST QUADRANT
210 NM SOUTHEAST QUADRANT
210 NM SOUTHWEST QUADRANT
130 NM NORTHWEST QUADRANT

RADIUS OF 034 KT WINDS:

120 NM NORTHEAST QUADRANT
120 NM SOUTHEAST QUADRANT
150 NM SOUTHWEST QUADRANT
100 NM NORTHWEST QUADRANT

RADIUS OF 050 KT WINDS:

70 NM NORTHEAST QUADRANT
90NM SOUTHEAST QUADRANT
90 NM SOUTHWEST QUADRANT
50NM NORTHWEST QUADRANT

RADIUS OF 064 KT WINDS:

*45 NM NORTHEAST QUADRANT
40 NM SOUTHEAST QUADRANT
40 NM SOUTHWEST QUADRANT
35 NM NORTHWEST QUADRANT*

96 HRS, VALID AT:

210000Z 23.5°N /89.7° E

MAX SUSTAINED WINDS: 55 KT, GUSTS 65 KT

RADIUS OF 027 KT WINDS:

160 NM NORTHEAST QUADRANT
200 NM SOUTHEAST QUADRANT
200 NM SOUTHWEST QUADRANT

120 NM NORTHWEST QUADRANT

RADIUS OF 034 KT WINDS:

100 NM NORTHEAST QUADRANT

100 NM SOUTHEAST QUADRANT

130 NM SOUTHWEST QUADRANT

080 NM NORTHWEST QUADRANT

RADIUS OF 050 KT WINDS:

60 NM NORTHEAST QUADRANT

80NM SOUTHEAST QUADRANT

80 NM SOUTHWEST QUADRANT

40NM NORTHWEST QUADRANT

108 HRS, VALID AT:

211200Z 25.3°N /90.2° E

MAX SUSTAINED WINDS: 25 KT, GUSTS 35 KT
