

QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH CYCLONIC STORM AMPHAN OVER EASTCENTRAL ARABIAN SEA BASED ON 1800 UTC OF 16th MAY, 2020 FOR WHICH FORECAST IS PREPARED:

PRESENT DATE AND TIME: **161800 UTC**

PRESENT POSITION: **11.1°N/86.1°E**

POSITION ACCURATE TO 20 KM

PRESENT MOVEMENT (DDD/FF) PAST SIX HOURS: 320/06 KT

PRESENT WIND DISTRIBUTION:

MAX SUSTAINED WINDS: 35 KT, GUSTS 45 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:

170000Z 11.7°N /86.0°E

MAX SUSTAINED WINDS: 40 KT, GUSTS 50 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
150 NM SOUTHEAST QUADRANT
150 NM SOUTHWEST QUADRANT
080 NM NORTHWEST QUADRANT

12 HRS, VALID AT:

170600Z 12.2N /86.0° E

MAX SUSTAINED WINDS: 45 KT, GUSTS 55 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
150 NM SOUTHEAST QUADRANT
150 NM SOUTHWEST QUADRANT
080 NM NORTHWEST QUADRANT

18 HRS, VALID AT:

171200Z 12.8°N /86.0° E

MAX SUSTAINED WINDS: 50 KT, GUSTS 60 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
150 NM SOUTHEAST QUADRANT
150 NM SOUTHWEST QUADRANT
080 NM NORTHWEST QUADRANT

RADIUS OF 050 KT WINDS:

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

24 HRS, VALID AT:

171800Z 13.4°N /86.0° 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
150 NM SOUTHEAST QUADRANT
150 NM SOUTHWEST QUADRANT
080 NM NORTHWEST QUADRANT

RADIUS OF 050 KT WINDS:

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

36 HRS, VALID AT:

180600Z 14.5°N /86.1° E

MAX SUSTAINED WINDS: 70 KT, GUSTS 80 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
150 NM SOUTHEAST QUADRANT
150 NM SOUTHWEST QUADRANT
080 NM NORTHWEST QUADRANT

RADIUS OF 050 KT WINDS:

50 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

48 HRS, VALID AT:

181800Z 15.9°N /86.2° E

MAX SUSTAINED WINDS: 80 KT, GUSTS 90 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
150 NM SOUTHEAST QUADRANT
150 NM SOUTHWEST QUADRANT
080 NM NORTHWEST QUADRANT

RADIUS OF 050 KT WINDS:

50 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

60 HRS, VALID AT:

190600Z 17.5°N /86.6° E

MAX SUSTAINED WINDS: 90 KT, GUSTS 100 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
150 NM SOUTHEAST QUADRANT
150 NM SOUTHWEST QUADRANT
080 NM NORTHWEST QUADRANT

RADIUS OF 050 KT WINDS:

50 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

72 HRS, VALID AT:

191800Z 19.2°N /87.1° E

MAX SUSTAINED WINDS: 90 KT, GUSTS 100KT

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
150 NM SOUTHEAST QUADRANT
150 NM SOUTHWEST QUADRANT
080 NM NORTHWEST QUADRANT

RADIUS OF 050 KT WINDS:

50 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

84 HRS, VALID AT:

200600Z 21.1°N /87.6° E

MAX SUSTAINED WINDS: 85 KT, GUSTS 95 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
150 NM SOUTHEAST QUADRANT
150 NM SOUTHWEST QUADRANT
080 NM NORTHWEST QUADRANT

RADIUS OF 050 KT WINDS:

50 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

96 HRS, VALID AT:

201800Z 23.3°N /88.2° E

MAX SUSTAINED WINDS: 75 KT, GUSTS 85 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
150 NM SOUTHEAST QUADRANT
150 NM SOUTHWEST QUADRANT
080 NM NORTHWEST QUADRANT

RADIUS OF 050 KT WINDS:

50 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

108 HRS, VALID AT:

210600Z 25.2°N /88.7° E

MAX SUSTAINED WINDS: 45 KT, GUSTS 55 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
150 NM SOUTHEAST QUADRANT
150 NM SOUTHWEST QUADRANT
080 NM NORTHWEST QUADRANT

120 HRS, VALID AT:

211800Z 26.2°N /89.1° E

MAX SUSTAINED WINDS: 25 KT, GUSTS 35 KT
