

**QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH CYCLONIC STORM KYARR OVER EASTCENTRAL ARABIAN SEA BASED ON 0000 UTC OF 16<sup>th</sup> MAY, 2020 FOR WHICH FORECAST IS PREPARED:**

PRESENT DATE AND TIME: **160000 UTC**

PRESENT POSITION: **10.4°N/87.0°E**

POSITION ACCURATE TO 20 KM

PRESENT MOVEMENT (DDD/FF) PAST SIX HOURS: 330/06 KT

PRESENT WIND DISTRIBUTION:

MAX SUSTAINED WINDS: 25 KT, GUSTS 35 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:

**160600Z 10.7°N /86.9°E**

MAX SUSTAINED WINDS: 30 KT, GUSTS 40 KT

**RADIUS OF 027 KT WINDS:**

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

12 HRS, VALID AT:

**161200Z 11.0N /86.8° E**

MAX SUSTAINED WINDS: 35 KT, GUSTS 45 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:

**161800Z 11.6°N /86.7° 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

24 HRS, VALID AT:

**170000Z 12.3°N /86.6° 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

36 HRS, VALID AT:

**171200Z 13.4°N /86.5° 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  
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:

**180000Z 14.3°N /86.4° E**

MAX SUSTAINED WINDS: 65 KT, GUSTS 75 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:

**181200Z 15.4°N /86.3° 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

72 HRS, VALID AT:

**190000Z 16.6°N /86.4° E**

MAX SUSTAINED WINDS: 85 KT, GUSTS 95KT

**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:

**191200Z 18.2°N /86.7° E**

MAX SUSTAINED WINDS: 95 KT, GUSTS 105 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:

**200000Z 19.8°N /87.3° 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

108 HRS, VALID AT:

**201200Z 21.8°N /87.9° 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

120 HRS, VALID AT:

**210000Z 24.0°N /88.5° 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

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