

**QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH TEJ OVER ARABIAN SEA ON 1800  
UTC OF 22-10-2023 FOR WHICH FORECAST IS PREPARED:**

PRESENT DATE AND TIME: **221800**

PRESENT POSITION: **13.8°N/53.9°E**

POSITION ACCURATE TO 20 KM

PRESENT MOVEMENT (DDD/FF) PAST SIX HOURS: 315/07KT

PRESENT WIND DISTRIBUTION:

MAX SUSTAINED WINDS: 95 KT, GUSTS 105 KT

RADIUS OF MAXIMUM WIND **14 NM**

WINDS VARY IN EACH QUADRANT

RADII ARE LARGEST RADII EXPECTED ANYWHERE IN THE QUADRANT

WIND RADII VALID OVER OPEN WATER ONLY

**RADIUS OF 027KT WINDS:**

120 NM NORTHEAST QUADRANT

115 NM SOUTHEAST QUADRANT

105 NM SOUTHWEST QUADRANT

120 NM NORTHWEST QUADRANT

**RADIUS OF 034KT WINDS:**

90 NM NORTHEAST QUADRANT

80 NM SOUTHEAST QUADRANT

80 NM SOUTHWEST QUADRANT

90 NM NORTHWEST QUADRANT

**RADIUS OF 050KT WINDS:**

75 NM NORTHEAST QUADRANT

65 NM SOUTHEAST QUADRANT

65 NM SOUTHWEST QUADRANT

75 NM NORTHWEST QUADRANT

**RADIUS OF 064KT WINDS:**

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

**FORECASTS:**

06 HRS, VALID AT:

**230000Z 14.5°N/53.3°E**

MAX SUSTAINED WINDS: 90 KT, GUSTS 100 KT

**RADIUS OF 027KT WINDS:**

120 NM NORTHEAST QUADRANT  
115 NM SOUTHEAST QUADRANT  
105 NM SOUTHWEST QUADRANT  
120 NM NORTHWEST QUADRANT

**RADIUS OF 034KT WINDS:**

100 NM NORTHEAST QUADRANT  
90 NM SOUTHEAST QUADRANT  
80 NM SOUTHWEST QUADRANT  
100 NM NORTHWEST QUADRANT

**RADIUS OF 050KT WINDS:**

70 NM NORTHEAST QUADRANT  
55 NM SOUTHEAST QUADRANT  
55 NM SOUTHWEST QUADRANT  
70 NM NORTHWEST QUADRANT

**RADIUS OF 064KT WINDS:**

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

12 HRS, VALID AT:

**230600Z 15°N/52.9°E**

MAX SUSTAINED WINDS: 85 KT, GUSTS 95 KT

**RADIUS OF 027KT WINDS:**

115 NM NORTHEAST QUADRANT  
105 NM SOUTHEAST QUADRANT  
105 NM SOUTHWEST QUADRANT  
115 NM NORTHWEST QUADRANT

**RADIUS OF 034KT WINDS:**

90 NM NORTHEAST QUADRANT  
80 NM SOUTHEAST QUADRANT  
80 NM SOUTHWEST QUADRANT  
90 NM NORTHWEST QUADRANT

**RADIUS OF 050KT WINDS:**

60 NM NORTHEAST QUADRANT  
45 NM SOUTHEAST QUADRANT  
45 NM SOUTHWEST QUADRANT  
60 NM NORTHWEST QUADRANT

**RADIUS OF 064KT WINDS:**

30 NM NORTHEAST QUADRANT  
25 NM SOUTHEAST QUADRANT  
25 NM SOUTHWEST QUADRANT

30 NM NORTHWEST QUADRANT

18 HRS, VALID AT:

**231200Z 15.5°N/52.5°E**

MAX SUSTAINED WINDS: 75 KT, GUSTS 85 KT

**RADIUS OF 027KT WINDS:**

110 NM NORTHEAST QUADRANT

100 NM SOUTHEAST QUADRANT

100 NM SOUTHWEST QUADRANT

110 NM NORTHWEST QUADRANT

**RADIUS OF 034KT WINDS:**

85 NM NORTHEAST QUADRANT

80 NM SOUTHEAST QUADRANT

80 NM SOUTHWEST QUADRANT

85 NM NORTHWEST QUADRANT

**RADIUS OF 050KT WINDS:**

60 NM NORTHEAST QUADRANT

45 NM SOUTHEAST QUADRANT

45 NM SOUTHWEST QUADRANT

60 NM NORTHWEST QUADRANT

**RADIUS OF 064KT WINDS:**

30 NM NORTHEAST QUADRANT

25 NM SOUTHEAST QUADRANT

25 NM SOUTHWEST QUADRANT

30 NM NORTHWEST QUADRANT

24 HRS, VALID AT:

**231800Z 15.7°N/52.3°E**

MAX SUSTAINED WINDS: 70 KT, GUSTS 75 KT

**RADIUS OF 027KT WINDS:**

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

**RADIUS OF 034KT WINDS:**

85 NM NORTHEAST QUADRANT  
80 NM SOUTHEAST QUADRANT  
80 NM SOUTHWEST QUADRANT  
85 NM NORTHWEST QUADRANT

**RADIUS OF 050KT WINDS:**

60 NM NORTHEAST QUADRANT  
45 NM SOUTHEAST QUADRANT  
45 NM SOUTHWEST QUADRANT  
60 NM NORTHWEST QUADRANT

**RADIUS OF 064KT WINDS:**

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

36 HRS, VALID AT:

**240600Z 16.2°N/51.8°E**

MAX SUSTAINED WINDS: 45 KT, GUSTS 55 KT

**RADIUS OF 027KT WINDS:**

100 NM NORTHEAST QUADRANT  
90 NM SOUTHEAST QUADRANT  
90 NM SOUTHWEST QUADRANT  
100 NM NORTHWEST QUADRANT

**RADIUS OF 034KT WINDS:**

85 NM NORTHEAST QUADRANT  
80 NM SOUTHEAST QUADRANT  
80 NM SOUTHWEST QUADRANT  
85 NM NORTHWEST QUADRANT

48 HRS, VALID AT:

**241800Z 16.6°N/51.2°E**

MAX SUSTAINED WINDS: 25 KT, GUSTS 35 KT

60 HRS, VALID AT:

**250600Z 17°N/50.6°E**

MAX SUSTAINED WINDS: 15 KT, GUSTS 25 KT

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