

**QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH DEPRESSION OVER ARABIAN SEA
ON 1200 UTC OF 20-10-2023 FOR WHICH FORECAST IS PREPARED:**

PRESENT DATE AND TIME: **201200**

PRESENT POSITION: **9.4°N/61.3°E**

POSITION ACCURATE TO 20 KM

PRESENT MOVEMENT (DDD/FF) PAST SIX HOURS: 297/02KT

PRESENT WIND DISTRIBUTION:

MAX SUSTAINED WINDS: 30 KT, GUSTS 40 KT

RADIUS OF MAXIMUM WIND **48 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:

100 NM NORTHEAST QUADRANT

90 NM SOUTHEAST QUADRANT

90 NM SOUTHWEST QUADRANT

100 NM NORTHWEST QUADRANT

FORECASTS:

06 HRS, VALID AT:

201800Z 9.7°N/60.8°E

MAX SUSTAINED WINDS: 30 KT, GUSTS 40 KT

RADIUS OF 027KT WINDS:

100 NM NORTHEAST QUADRANT

90 NM SOUTHEAST QUADRANT

90 NM SOUTHWEST QUADRANT

100 NM NORTHWEST QUADRANT

12 HRS, VALID AT:

210000Z 10°N/60.3°E

MAX SUSTAINED WINDS: 35 KT, GUSTS 45 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:

80 NM NORTHEAST QUADRANT
70 NM SOUTHEAST QUADRANT
70 NM SOUTHWEST QUADRANT
80 NM NORTHWEST QUADRANT

18 HRS, VALID AT:

210600Z 10.4°N/59.6°E

MAX SUSTAINED WINDS: 35 KT, GUSTS 45 KT

RADIUS OF 027KT WINDS:

105 NM NORTHEAST QUADRANT
95 NM SOUTHEAST QUADRANT
95 NM SOUTHWEST QUADRANT
105 NM NORTHWEST QUADRANT

RADIUS OF 034KT WINDS:

80 NM NORTHEAST QUADRANT
70 NM SOUTHEAST QUADRANT
70 NM SOUTHWEST QUADRANT
80 NM NORTHWEST QUADRANT

24 HRS, VALID AT:

211200Z 10.8°N/58.9°E

MAX SUSTAINED WINDS: 40 KT, GUSTS 50 KT

RADIUS OF 027KT WINDS:

105 NM NORTHEAST QUADRANT
95 NM SOUTHEAST QUADRANT
95 NM SOUTHWEST QUADRANT
105 NM NORTHWEST QUADRANT

RADIUS OF 034KT WINDS:

85 NM NORTHEAST QUADRANT
75 NM SOUTHEAST QUADRANT
75 NM SOUTHWEST QUADRANT
85 NM NORTHWEST QUADRANT

36 HRS, VALID AT:

220000Z 11.9°N/57.5°E

MAX SUSTAINED WINDS: 45 KT, GUSTS 55 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
75 NM SOUTHEAST QUADRANT
75 NM SOUTHWEST QUADRANT
85 NM NORTHWEST QUADRANT

48 HRS, VALID AT:

221200Z 13.1°N/56.1°E

MAX SUSTAINED WINDS: 50 KT, GUSTS 60 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:

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

RADIUS OF 050KT WINDS:

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

60 HRS, VALID AT:

230000Z 14°N/55.1°E

MAX SUSTAINED WINDS: 55 KT, GUSTS 65 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
50 NM SOUTHEAST QUADRANT
45 NM SOUTHWEST QUADRANT
45 NM NORTHWEST QUADRANT

72 HRS, VALID AT:

231200Z 14.7°N/54.5°E

MAX SUSTAINED WINDS: 60 KT, GUSTS 70 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:

85 NM NORTHEAST QUADRANT
75 NM SOUTHEAST QUADRANT
75 NM SOUTHWEST QUADRANT
85 NM NORTHWEST QUADRANT

RADIUS OF 050KT WINDS:

60 NM NORTHEAST QUADRANT
50 NM SOUTHEAST QUADRANT
45 NM SOUTHWEST QUADRANT

45 NM NORTHWEST QUADRANT

84 HRS, VALID AT:

240000Z 15.4°N/54.1°E

MAX SUSTAINED WINDS: 55 KT, GUSTS 65 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:

95 NM NORTHEAST QUADRANT

95 NM SOUTHEAST QUADRANT

85 NM SOUTHWEST QUADRANT

85 NM NORTHWEST QUADRANT

RADIUS OF 050KT WINDS:

60 NM NORTHEAST QUADRANT

50 NM SOUTHEAST QUADRANT

45 NM SOUTHWEST QUADRANT

45 NM NORTHWEST QUADRANT

96 HRS, VALID AT:

241200Z 16.1°N/53.8°E

MAX SUSTAINED WINDS: 50 KT, GUSTS 60 KT

RADIUS OF 027KT WINDS:

105 NM NORTHEAST QUADRANT

95 NM SOUTHEAST QUADRANT

95 NM SOUTHWEST QUADRANT

105 NM NORTHWEST QUADRANT

RADIUS OF 034KT WINDS:

70 NM NORTHEAST QUADRANT
80 NM SOUTHEAST QUADRANT
80 NM SOUTHWEST QUADRANT
70 NM NORTHWEST QUADRANT

RADIUS OF 050KT WINDS:

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

108 HRS, VALID AT:

250000Z 17°N/53.8°E

MAX SUSTAINED WINDS: 40 KT, GUSTS 50 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:

70 NM NORTHEAST QUADRANT
80 NM SOUTHEAST QUADRANT
80 NM SOUTHWEST QUADRANT
70 NM NORTHWEST QUADRANT

120 HRS, VALID AT:

251200Z 17.7°N/54.6°E

MAX SUSTAINED WINDS: 35 KT, GUSTS 45 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:

- 70 NM NORTHEAST QUADRANT
- 80 NM SOUTHEAST QUADRANT
- 80 NM SOUTHWEST QUADRANT
- 70 NM NORTHWEST QUADRANT
