

**QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH CYCLONIC STORM NISARGA OVER EASTCENTRAL ARABIAN SEA BASED ON 0600 UTC OF 02<sup>nd</sup> JUNE, 2020 FOR WHICH FORECAST IS PREPARED:**

PRESENT DATE AND TIME: **020600 UTC**

PRESENT POSITION: **15.0°N/71.2°E**

POSITION ACCURATE TO 20 KM

PRESENT MOVEMENT (DDD/FF) PAST SIX HOURS: 360/06 KT

PRESENT WIND DISTRIBUTION:

MAX SUSTAINED WINDS: 30 KT, GUSTS 40 KT

RADIUS OF MAXIMUM WIND **120 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:

**021200Z 15.5°N /71.3° E**

MAX SUSTAINED WINDS: 35 KT, GUSTS 45 KT

**RADIUS OF 027 KT WINDS:**

140 NM NORTHEAST QUADRANT  
130 NM SOUTHEAST QUADRANT  
120 NM SOUTHWEST QUADRANT  
100 NM NORTHWEST QUADRANT

**RADIUS OF 034 KT WINDS:**

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

12 HRS, VALID AT:

**021800Z 16.0°N /71.5° E**

MAX SUSTAINED WINDS: 45 KT, GUSTS 55 KT

**RADIUS OF 027 KT WINDS:**

140 NM NORTHEAST QUADRANT  
130 NM SOUTHEAST QUADRANT  
120 NM SOUTHWEST QUADRANT  
100 NM NORTHWEST QUADRANT

**RADIUS OF 034 KT WINDS:**

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

18 HRS, VALID AT:

**030000Z 16.6°N /71.7° E**

MAX SUSTAINED WINDS: 50 KT, GUSTS 60 KT

**RADIUS OF 027 KT WINDS:**

140 NM NORTHEAST QUADRANT  
130 NM SOUTHEAST QUADRANT  
120 NM SOUTHWEST QUADRANT  
100 NM NORTHWEST QUADRANT

**RADIUS OF 034 KT WINDS:**

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

**RADIUS OF 050 KT WINDS:**

60 NM NORTHEAST QUADRANT  
55 NM SOUTHEAST QUADRANT  
50 NM SOUTHWEST QUADRANT  
40NM NORTHWEST QUADRANT

24 HRS, VALID AT:

**030600Z 17.4°N /72.1° E**

MAX SUSTAINED WINDS: 55 KT, GUSTS 65 KT

**RADIUS OF 027 KT WINDS:**

140 NM NORTHEAST QUADRANT  
130 NM SOUTHEAST QUADRANT  
120 NM SOUTHWEST QUADRANT  
100 NM NORTHWEST QUADRANT

**RADIUS OF 034 KT WINDS:**

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

**RADIUS OF 050 KT WINDS:**

60 NM NORTHEAST QUADRANT  
55 NM SOUTHEAST QUADRANT  
50 NM SOUTHWEST QUADRANT  
40NM NORTHWEST QUADRANT

36 HRS, VALID AT:

**031800Z 19.2°N /73.3° E**

MAX SUSTAINED WINDS: 50 KT, GUSTS 60 KT

**RADIUS OF 027 KT WINDS:**

140 NM NORTHEAST QUADRANT  
130 NM SOUTHEAST QUADRANT  
120 NM SOUTHWEST QUADRANT  
100 NM NORTHWEST QUADRANT

**RADIUS OF 034 KT WINDS:**

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

**RADIUS OF 050 KT WINDS:**

60 NM NORTHEAST QUADRANT  
55 NM SOUTHEAST QUADRANT  
50 NM SOUTHWEST QUADRANT  
40NM NORTHWEST QUADRANT

48 HRS, VALID AT:

**040600Z 20.6°N /74.6° E**

MAX SUSTAINED WINDS: 30 KT, GUSTS 40 KT

**RADIUS OF 027 KT WINDS:**

140 NM NORTHEAST QUADRANT  
130 NM SOUTHEAST QUADRANT  
120 NM SOUTHWEST QUADRANT  
100 NM NORTHWEST QUADRANT

60 HRS, VALID AT:

**041800Z 22.2°N /76.3° E**

MAX SUSTAINED WINDS: 20 KT, GUSTS 30 KT

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