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UNIVERSITY

AGRICULTURAL METEOROLOGICAL CELL
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AGRICULTURAL METEOROLOGY
DIVISION

(Jointly issued by Navsari Agricultural University & India Meteorological Department)

Special Advisories for South Gujarat for Cyclonic storm “Tauktae”

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Weather Alert : Special Agromet advisories for South Gujarat region (*Navsari District*)
in view of Cyclonic storm “Tauktae” on 17th & 18th May, 2021

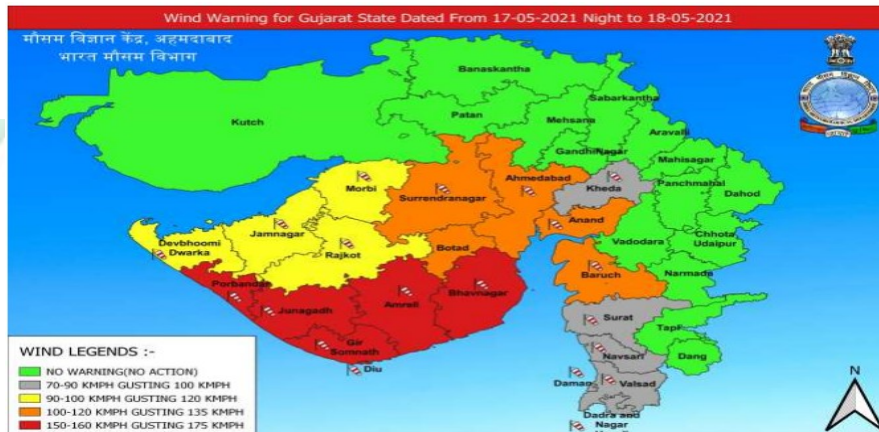
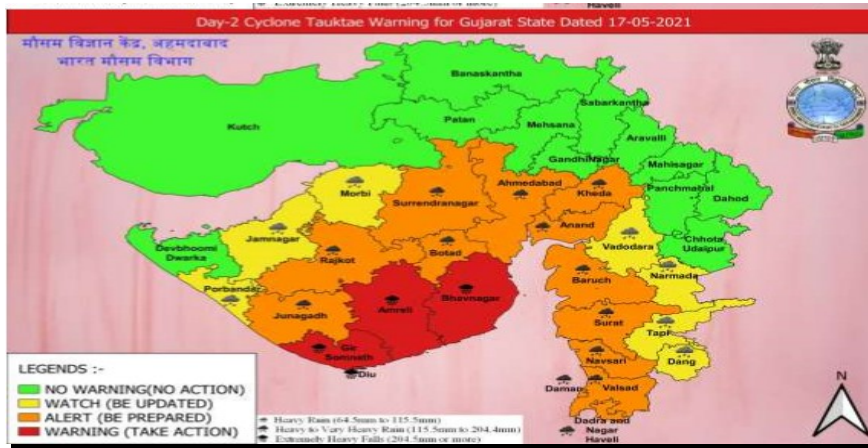
- ❖ The Cyclonic Storm “Tauktae” (pronounced as Tau’Te) over eastcentral Arabian Sea moved nearly northwards with a speed of about 11 kmph during past 06 hours and lay centred at 0830 hours IST of today, the 16th May, 2021 over eastcentral Arabian Sea near latitude 15.7°N and longitude 72.7°E, about 120 km west-northwest of Panjim-Goa, 380 km south-southwest of Mumbai, 620 km south-southeast of Veraval (Gujarat) and 790 km southeast of Karachi (Pakistan).
- ❖ It is very likely to intensify further into a Severe Cyclonic Storm during next 24 hours. It is very likely to move north-northwestwards and reach Gujarat coast in the evening hours of 17th & cross Gujarat coast between Porbandar & Mahua (Bhavnagar district) around 18th May early morning.
- ❖ Squally wind speed reaching 40-50 kmph gusting to 60 kmph likely over northeast Arabian Sea and along & off south Gujarat & Daman and Diu coasts from 16th morning and gradually increase becoming Gale winds speed reaching 150-160 kmph gusting to 175 kmph over northeast Arabian Sea and along & off Gujarat coast (Porbandar, Junagarh, Gir Somnath, Amreli, Bhavnagar) and 100 -120 kmph gusting to 135 kmph over Bharuch, Anand, south Ahmedabad, Botad, Surendranagar, 90 -100 kmph gusting to 120 kmph over Devbhoomi Dwarka, Jamnagar, Rajkot, Morbi districts of Gujarat from early hours of 18th. **Gale winds speed reaching 70-90 kmph gusting to 100 kmph likely to prevail along & off Dadra, Nagar Haveli, Daman, Valsad, Navsari, Surat, Kheda districts from 17th mid-night till**

18th morning.

- ❖ Sea conditions very likely to be very rough to High along & off south Gujarat coast from 17th May morning and very high to Phenomenal from 17th midnight.
- ❖ **Possibility of heavy to very heavy rainfall at isolated places very likely on 17th & 18th May, 2021.**

In view of Cyclonic storm following agromet advisories are suggested to farmers

- Crops:**
- Arrange for extensive drainage facilities to remove excess water from standing crop like Sugarcane, Paddy, Chilly, Okra and Brinjal.
 - Avoid or postponed the sowing of Paddy and tropical tuber crops.
 - Undertake propping in sugarcane and provide mechanical support to young plants to prevent lodging due to high winds.
 - Do not harvest crop till open the sky, if harvested cover the produce to save from the rain.
- Fruit crops:**
- Provide mechanical support to young fruit plants to prevent lodging due to high winds.
 - Staking of the main trunks should be done in the opposite direction of the pullback to prevent further movement.
- Animals:**
- Keep animals indoor during the period.
- Fisherman:**
- Fisherman is advised not to venture along and off south Gujarat coast on 17th May, 2021.



कृषि मूला त्रष्टिक

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