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Date: 25.07.2025

West Central Table Land Zone

District-Sonepur

**REALISED MAXIMUM & MINIMUM TEMPERATURE RECORDED IN THE OBSERVATORIES AND DISTRICT
 AVERAGE RAINFALL DURING THE PERIOD: 19.07.2025 to 25.07.2025**

| DATES | MAX TEMP (°C) | | | | | | | MIN TEMP (°C) | | | | | | | RAINFALL (mm) | | | | | | |
|---------|---------------|----|----|----|----|----|----|---------------|----|----|----|----|----|----|---------------|------|-----|-----|------|------|------|
| | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| Sonepur | 34 | 34 | 33 | 34 | 34 | 34 | 33 | 25 | 25 | 26 | 26 | 25 | 25 | 24 | 6.5 | 12.3 | 3.2 | 0.0 | 21.2 | 16.3 | 55.2 |

Weather forecast for next 5 days

| Date | 26-07-2025 | 27-07-2025 | 28-07-2025 | 29-07-2025 | 30-07-2025 |
|----------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 50 | 40 | 10 | 7 | 7 |
| Max Temperature (° C) | 33 | 33 | 33 | 34 | 34 |
| Min Temperature (° C) | 26 | 26 | 26 | 26 | 26 |
| Total cloud cover (okta) | 8 | 7 | 6 | 5 | 5 |
| Max Relative Humidity (%) | 93 | 92 | 87 | 89 | 90 |
| Min Relative Humidity (%) | 78 | 72 | 65 | 73 | 77 |
| Wind speed (km/h) | 13 | 17 | 17 | 16 | 13 |
| Wind direction (deg) | 240 | 218 | 225 | 236 | 242 |

For further information, contact the IMD, Bhubaneswar, Tel. # 0674-2596116

Weather Summary/Alert:

According to medium range weather forecast of IMD, MC, Bhubaneswar, there is chance of occurrence of light to moderate rainfall along with heavy rainfall in one or two places over the district during upcoming week and overcast to generally cloudy sky is expected during that period. No large change in both the Maximum (day) and Minimum temperature is expected during upcoming days. High relative humidity along with a wind speed of 13-17 km/h is predicted in south-westerly direction.

General Advisory

- **As per the extended range forecast issued by MC, Bhubaneswar on dated:-24.07.2025**, widespread to fairly widespread rain/thundershower along with light to moderate rainfall with isolated heavy to very heavy rainfall is very likely over districts of Odisha during both week-1 (25th to 31st July, 2025) and week-2 (1st to 7th August, 2025). Extremely Heavy rainfall is very likely to occur at isolated places over the districts of Odisha on 25th July 2025. There is no probability of cyclogenesis during week-2. However, there is a probability for the formation of an upper-air cyclonic circulation/low pressure area over the North Bay of Bengal and adjoining West Bengal-Bangladesh coasts during the week.
- Looking to the above mentioned weather condition, farmers are advised to complete main field preparation followed by sowing of kharif crops like paddy, arhar, maize, groundnut, green gram, cow pea and other rainy season vegetables etc. by taking the advantages of available soil moisture in field after rain.
- Prevailing weather condition (periodic cloudy and sunny day with high humidity) is favourable for disease pest attack in crops, farmers are advised to monitor their field regularly against various diseases infestation likes root rot, fusarium wilt, fruit rot, stem rot etc. and also the attack of sucking insects.
- If flooded condition will arise due to upcoming heavy rainfall events, then farmers should make proper provision to drain out excess water from field and if possible store the excess water for future use.

SMS Advisory

- As heavy rainfall is expected in upcoming days, farmers are advised to wait some days for conducting agricultural activities like weeding, hoeing and any kind of spraying operations.

Crop and livestock Specific Agromet Advisory

| Name of the crop | Crop Stage | Agromet Advisories |
|------------------------|-------------------------------------|--|
| Kharif Rice | Transplanting | <ul style="list-style-type: none">Looking to the chance of occurrence of heavy rainfall in first half of upcoming week, farmers are advised to wait some days for transplanting of Paddy.Farmers those seedling are already 25-30 days old, should start transplanting after heavy rainfall events with a spacing of 20×15 cm at shallow depth. For high yielding varieties, use only 2-3 seedlings per hill and for hybrids 1-2 seedling per hill.To control weeds, apply granular herbicide Bensulfuron methyl 0.6% + Pretilachlor 6% GR @ 4 kg/acre mixed with 4 kg of sand within 5-10 days after transplanting. |
| Maize | Vegetative stage | <ul style="list-style-type: none">Stem borer attack was observed in some maize field so farmers are advised to spray chlorantraniliprole @ 0.4ml or emamectin benzoate @ 0.4g per liter of water to control this insect.Avoid spraying operations for some days because heavy rainfall is forecasted in upcoming days. |
| Brinjal, Tomato | Vegetative stage | <ul style="list-style-type: none">Provide mechanical support and staking to vegetables to protect them from strong wind.Considering the chance of heavy rainfall events in upcoming days, farmers are advised to wait some days for conducting any kind of spraying operations and ensure proper drainage in field.Past weather condition is favorable for fruit borer & fruit and shoot borer attack in Tomato and Brinjal respectively so its regular monitoring should be advised. |
| Chilli | Nursery management/ Planting | <ul style="list-style-type: none">Planting of chilli crop should be done after proper drainage and also ensure adequate drainage in nursery bed.Monitoring against attack of sucking insects should be advised because prevailing weather condition is favorable for its attack. |
| Livestock | | <ul style="list-style-type: none">The symptoms of foot and mouth disease are observing in the some cattle, so to prevent this disease, it is necessary to vaccinate the animals (4 months onwards) once in 6 months and another booster vaccine should be given 28 days after the first vaccination. Deworming before vaccination is more beneficial than normal vaccination.Keep the animals away from any electrical devices as thunderstorm/lightning is expected in upcoming days. |
| Poultry | | <ul style="list-style-type: none">To prevent the occurrence of Ranikhet disease in poultry farm, vaccinating the chicks against this disease at 1-7 days old and then again at 20-28 days old stage and also contact the nearest animal health center if necessary. |

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