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No. 89 (English Bulletin)

Week no - 45

Date: 07.11.2025

West Central Table Land Zone

District-Sonepur

REALISED MAXIMUM & MINIMUM TEMPERATURE RECORDED IN THE OBSERVATORIES AND DISTRICT
 AVERAGE RAINFALL DURING THE PERIOD: 01.11.2025 to 07.11.2025

| DATES | MAX TEMP (°C) | | | | | | | MIN TEMP (°C) | | | | | | | RAINFALL (mm) | | | | | | |
|---------|---------------|----|----|----|----|----|----|---------------|----|----|----|----|----|----|---------------|-----|-----|-----|-----|-----|-----|
| | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 01 | 02 | 03 | 04 | 05 | 06 | 07 |
| Sonepur | 32 | 31 | 32 | 31 | 31 | 31 | 31 | 24 | 23 | 22 | 21 | 20 | 20 | 20 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Weather forecast for next 5 days

| Date | 08-11-2025 | 09-11-2025 | 10-11-2025 | 11-11-2025 | 12-11-2025 |
|---------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| Max Temperature (° C) | 31 | 30 | 30 | 30 | 30 |
| Min Temperature (°C) | 19 | 19 | 18 | 18 | 18 |
| Total cloud cover (okta) | 2 | 1 | 2 | 2 | 2 |
| Max Relative Humidity (%) | 74 | 68 | 63 | 63 | 65 |
| Min Relative Humidity (%) | 40 | 37 | 31 | 32 | 30 |
| Wind speed (km/h) | 3 | 4 | 4 | 2 | 3 |
| Wind direction (deg) | 32 | 315 | 304 | 252 | 240 |

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 less chance of occurrence of rainfall during upcoming week and mainly to partly clear sky is expected during that period. No large change in both Maximum and Minimum temperature is expected in upcoming 5 days. Decrease in relative humidity along with a wind speed of 2-4 km/h is predicted in north-easterly, north-westerly and south-westerly direction.

General Advisory

- Farmers should maintain adequate moisture in standing crop (vegetative to reproductive stage) fields because there is less chance of occurrence of rainfall in upcoming days.
- Dry weather along with fall in minimum temperature very likely during upcoming days, so farmers are advised to apply light and frequent irrigation / sprinkler irrigation in the evening hours to protect the crops from cold.
- Due to past weather condition the incidence of disease pest may increase in standing crop fields. Regularly visit the field to know the incidence of diseases and insects pest. Accordingly take need based pest management measure immediately.

SMS Advisory

- Looking to the upcoming dry weather condition, harvesting of matured paddy and non-paddy crops should be advised.

Crop and livestock Specific Agromet Advisory

| Name of the crop | Crop Stage | Agromet Advisories |
|--------------------|---------------------------------|---|
| Kharif Rice | Maturity/ Harvesting | <ul style="list-style-type: none"> • Harvesting of Paddy crop should be advised when 80-85% of the grains are matured. Harvesting should be done either manually by sickle or by using combine harvester or reaper. • After harvesting grains need to be sun-dried to 14% moisture content for consumption purpose and for seed purpose it should be dried to 12% |

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| | | moisture for better shelf-life. |
| Rapeseed/ Mustard | Variety selection/ Sowing | <ul style="list-style-type: none"> Choose suitable varieties like Pusa bold, Binaya, Pusa Bahar, Baruna, Pusa Jaikisan, JD-6. Toria- M 29, Anuradha, Parbati etc. should be advised for sowing under proper moisture condition. 3 to 4 kg of seeds are required per acre. For good yield, if possible, seed should be sown in rows and spacing should be a distance of 30 to 45 cm between rows and 10 cm between plants. |
| Groundnut | Variety selection/ Sowing | <ul style="list-style-type: none"> Farmers should use improved varieties of Groundnut such as T.A.G. -24, T.G.-3, T.G.-38, Kadri-5, 6, 9, C.O.-7, Devi etc. 100 to 130 days old varieties. Ensure seed treatment before sowing and treat with bacteria or phospho-culture 7 days after treatment. 40 to 50 kg of seed or 60 to 70 kg of pod is required per acre. The seeds should be sown within 2 to 3 days of decortication. |
| Tomato | Nursery bed preparation/ Seedling/ Planting | <ul style="list-style-type: none"> Prepare a nursery bed of 3m length, 1m breadth and 15-20 cm height and apply 15-30 kg well decomposed FYM and use 150 grams of chlorpyriphos dust to each nursery bed seven days before sowing. Monitor the seedlings against various insects and diseases and also planting of healthy seedlings should be done with a spacing of 60 cm × 45 cm in tomato field. |
| Cows and Buffalos | | <ul style="list-style-type: none"> Keeping in view of decrease in minimum temperature in upcoming days, animal should kept inside the sheds during night and provide dry bedding to protect them from cold. Give animals mineral mixture along with salt regularly and also wheat grains, jaggery etc. @ 10%-20% in the daily ration during winter season to meet the energy requirement of the animals. |
| Poultry | | <ul style="list-style-type: none"> In Poultry, keep the chicks warm by providing artificial light in the poultry sheds. |

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| Ms. Jubuli Sahu Junior Agrometeorologist, GKMS, RRTTS, Chiplima | Dr. Sanjukta Mohapatra ADR cum Nodal Officer RRTTS, Chiplima |
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- For better agricultural benefits, use **OUAT KALINGA** products (Seedling, Sapling & QPM, Tissue Culture Plants, Fruits and Vegetables, Value Added Products, Fingerling/Yearlings, Poultry chicks, Breeds, Mushroom & Spawn, Bio-Fertilizer, Bio-Pesticides, Vermi & Vermicompost and Farm Implements.)
- IMD Weather forecast and Agro-meteorological advisory of Odisha location is now available on **MEGHDOOT mobile app** (<https://play.google.com/store/apps/details?id=com.aas.meghdoot>) in both English and Odia languages and farmers can also use **DAMINI mobile app** (<https://play.google.com/store/apps/details?id=com.lightening.live.damini>) for thunderstorm and lightning information and **MAUSAM app** for location specific forecast and warning.