

All India Coordinated Research Project on Agrometeorology

अखिल भारतीय समन्वित कृषि-मौसम विज्ञान अनुसंधान परियोजना

(AICRPAM)

केंद्रीय बारानी कृषि अनुसंधान संस्थान

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जून 2025 के दौरान जारी मौसम की स्थिति और कृषि मौसम संबंधी सलाह

Weather conditions and Agromet advisories issued during June 2025

1. सामान्य मौसम की स्थिति

1. General Weather Conditions

01-30 जून 2025 के दौरान पूरे देश में 180 मिमी बारिश हुई है, जो इसी अवधि के लिए सामान्य वर्षा (165 मिमी) की तुलना में 9% अधिक है। 36 मौसम विज्ञान उप-विभागों में से 07, 08, 11, और 10 उप-विभागों में क्रमशः बहुत अधिक, अधिक, सामान्य, और कम, बारिश हुई, जैसा कि चित्र 1 में दर्शाया गया है।

Between 1-30 June 2025, the country as a whole received 180 mm of rainfall, which is 9% above the normal rainfall (165 mm) for the same period. Out of 36 meteorological subdivisions, rainfall was in large excess, excess, normal, and deficient in 07, 08, 11, and 10 subdivisions (s), respectively, as depicted in Fig. 1.

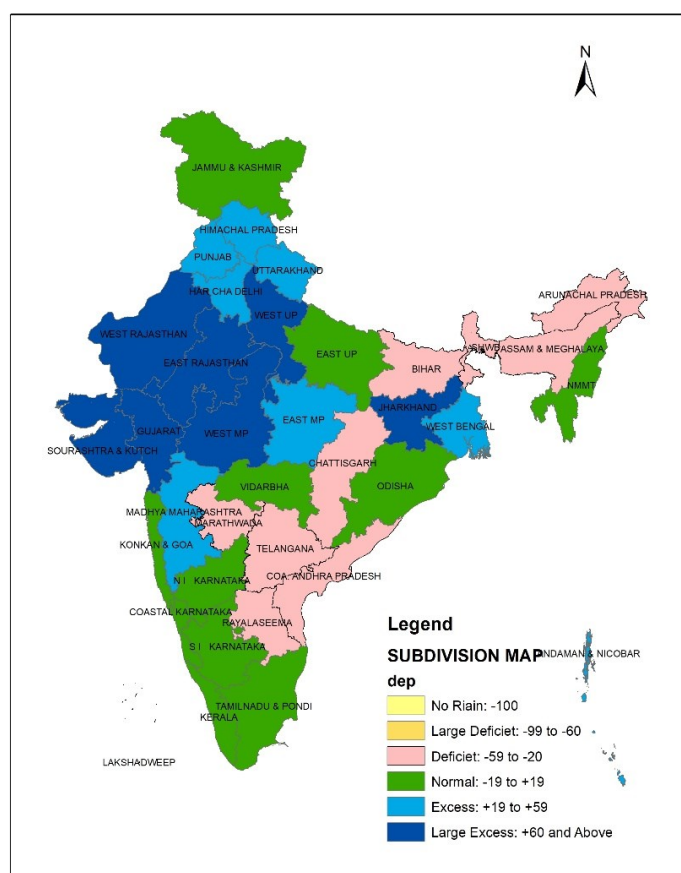


Fig. 1: Seasonal rainfall status (01-30 June 2025) in 36 meteorological subdivisions, India

1. Agromet advisories issued by AICRPAM centers during June 2025

| Date of issue | Advisory issued for the region | Agromet Advisory issued |
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| 06-06-2025 | Punjab | <ul style="list-style-type: none"> • Prepare nursery for <i>PR 126</i> rice variety up to the 20th of June. Regular • Monitoring of whiteflies should be done in cotton. Apply light irrigations at regular intervals, especially to fruits bearing citrus, pear, litchi, and mango orchards. |
| | Assam | <ul style="list-style-type: none"> • Continue nursery bed preparation for Sali rice and transplanting of Bao rice during fair weather. • Continue harvesting of black and green gram. Provide mechanical support to the crops like banana, citrus, papaya, etc., and the vegetable creeper. • Young jute plants are vulnerable to damping-off or root rot; drain excess water quickly from the field using furrows or side channels. |
| | West Bengal | <ul style="list-style-type: none"> • Apply straw or water hyacinth in ginger and turmeric fields as mulch. • Carry out summer ploughing in the harvested <i>boro</i> paddy field to destroy eggs and pupae of insects. • As good pre-monsoon rainfall was received, sow green manuring crops like <i>cluster bean</i>, <i>dhaincha</i>, etc., to fertilize the field and conserve moisture in the soil. |
| | Jharkhand | <ul style="list-style-type: none"> • Prepare the field for sowing of pigeon pea crop. Buy seeds from a certified source only. For good germination, it is necessary to have sufficient moisture in the field. Improved Varieties of <i>Arhar</i> – <i>LRG-41</i>, <i>Birsa Arhar-1</i>, <i>Narendra Arhar-1 and 2</i>, <i>Bahar</i>, <i>ICPH-2671</i>. • Farmers who want to cultivate paddy, maize, or groundnut in the uplands should go for intercropping. in case of irregular rainfall, if one crop is destroyed, then some yield is obtained from the other crop. The intercropping for this area is as follows: <i>Arhar</i> + groundnut/paddy/urad: Sow two rows of groundnut or paddy or urad between two rows of arhar (75 cm row to row and 20 to 25 cm plant to plant distance). <i>Arhar</i> + corn: Sow one row of arhar and one row of maize (75 cm row to row and 20 to 25 cm plant to plant distance). In |

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| | | medium land, do direct sowing of paddy, maize, groundnut, or soybean with short or medium duration varieties. Choose a short-duration variety of maize for grain and a medium-duration variety for sweet corn. |
| | Himachal Pradesh | <ul style="list-style-type: none"> Do deep ploughing of fields after harvesting of <i>rabi</i> crops. It helps in destroying the eggs and pupal stages of insects and weed seeds. After harvesting of <i>rabi</i> crops, farmers are advised to test their soil from certified agencies, and to do laser levelling in their field if required. In High hills regions, do intercultural operations in peas, French beans and Ogla and Phafra. Sowing of palak, radish, turnip and carrot in addition to transplanting of cabbage, Cauliflower, broccoli and exotic vegetables. |
| | Chhattisgarh | <ul style="list-style-type: none"> Inter-culture operation, fertilizer application, earthing followed by irrigation, is advised in sugarcane crop at the knee height stage. According to the weather forecast, there is a possibility of no rainfall in the upcoming days. Therefore, farmers are advised to apply nitrogen fertilizer and irrigation as required. |
| 13-06-2025 | Kerala | <ul style="list-style-type: none"> Land preparation and nursery for <i>virippu</i> paddy (Rainfed) can be started. Seeds should be soaked in a Pseudomonas solution at 10 g per one litre of water for 30 minutes, for one kilogram of seeds. During the rainy season, there is a chance of the incidence of Rhizome rot in banana. Proper drainage facilities have to be ensured. As a precaution, drench the basin with 3 litres of Pseudomonas solution at 20g per litre of water. |
| | Tamil Nadu | <ul style="list-style-type: none"> In cotton, irrigate the crop. Strong winds may affect the crop stand; hence, farmers are advised to carry out earthing up to provide support and minimize damage to the crop. Farmers are requested to provide support trees using wooden poles. Wind break like Shevri (<i>Susana egyptifolia</i>) can be raised along the border of field to avoid damage due to heavy and hot winds. |

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| | | <ul style="list-style-type: none"> Irrigate the crop. Strong winds may affect the crop stand; hence, farmers are advised to carry out earthing up to provide support. |
| | Bihar | <ul style="list-style-type: none"> In rice, Farmers are advised to sow medium-duration rice varieties (e.g., <i>Santosh</i>, <i>Sita</i>, <i>Rajshree</i>) in nursery beds, using 800–1000 m² per hectare and treating seeds with Bavistin @ 2 g/kg. Farmers having good irrigation can sow long-duration varieties (e.g., <i>Rajshree</i>, <i>Swarna</i>, <i>Satyam</i>) by June 10, using 1/10th of the transplanting area for nursery and treating seeds with Bavistin @ 1.5 g/kg. Short-duration and aromatic varieties should be sown between June 20 and July 10 to preserve aroma. In maize, considering the possibility of light rain during the forecast period, farmers are advised to exercise special caution while performing agricultural activities. Post-harvest operations and drying of maize should be done carefully by monitoring the weather conditions. |
| 20-06-2025 | Madhya Maharashtra | <ul style="list-style-type: none"> Since the moisture is satisfactory in the dryland zone, so, farmers are advised to plan for sowing of horse gram, kidney bean, black gram, cowpea, green gram or pigeon pea. In Sangli district, where adequate rainfall (75-100 mm) has been received, farmers are advised to start sowing of maize, pearl millet, soybean, groundnut, and green gram under <i>wapsa</i> conditions |

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| | Vidarbha | <ul style="list-style-type: none"> • Farmers are advised to continue nursery sowing of kharif rice in East Vidarbha, with available irrigation facilities. Continue land preparation for crops like cotton, pigeon pea and soybean in Vidarbha. • Keep already harvested produce at safer places, provide mechanical support to newly planted orchards and vegetables to prevent them from lodging during gusty winds. Continue nursery sowing of kharif rice in East Vidarbha, with available irrigation facility. |
| | Konkan | <ul style="list-style-type: none"> • Farmers are advised to make arrangements to drain out excess water from rice nurseries, vegetables and orchards. Provide mechanical support to newly planted vegetables and orchards. Continue sowing of groundnut and nursery sowing of finger millet and rice during clear weather |
| | Gujarat | <ul style="list-style-type: none"> • Postpone sowing of rice nursery and sowing of groundnut, pearl millet, sorghum, pigeon pea, green gram, and black gram. Carry out sowing of cotton at <i>Wapsa</i> conditions during a rain-free period. • Undertake planting of banana during fair weather. Prop the sugarcane with strong bamboo or tie the leaves together in a clump to protect against wind and heavy rain. Postpone chemical and fertilizer application. |
| 27-06-2025 | South Interior Karnataka | <ul style="list-style-type: none"> • Postpone the sowing operations because of the lack of soil moisture. Provide one or two protective irrigations for already sown kharif crops. The following crop and variety are recommended for <i>kharif</i> sowing Red gram: BRG-1,2,3,4 and 5, TTB-7, ICP-7035 and HY 3C Maize: MAH-14-5, Hema and Nityashree. • Harvest mature fruits and vegetables early and keep in a safe place. • |

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| | Andhra Pradesh | <ul style="list-style-type: none"> As per extended weather forecast of below normal rainfall forecast in Rayalaseema and Coastal AP during this week (27 June 2025-03 July 2025) and in the next week (04-10 July 2025) over Rayalaseema and coastal Andhra. Farmers are advised that it is the optimum sowing time for castor is June 15 to July 31. Farmers are advised to select high-yielding varieties such as Haritha, Kiran, Jwala, Pragathi and hybrids, i.e., DCH. 117, PCH-111, GCH.8, ICH.66 and ICH 5. |
| | Odisha | <ul style="list-style-type: none"> As per extended range weather forecast of above normal rainfall is expected during this week (27 June 2025-03 July 2025) and normal rainfall in the next week (04-10 July 2025). Farmers are advised not to keep standing water in the paddy nursery. For each square metre of nursery bed, apply 10 grams of DAP and 10 grams of MOP. Repair water harvesting structures to store excess rainwater for utilization in case of early or mid-season droughts |