



National Agromet Advisory Service Bulletin

based on

Extended Range Weather Forecast

Valid for 22nd May to 4th June, 2015

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Earth System Science Organisation
India Meteorological Department

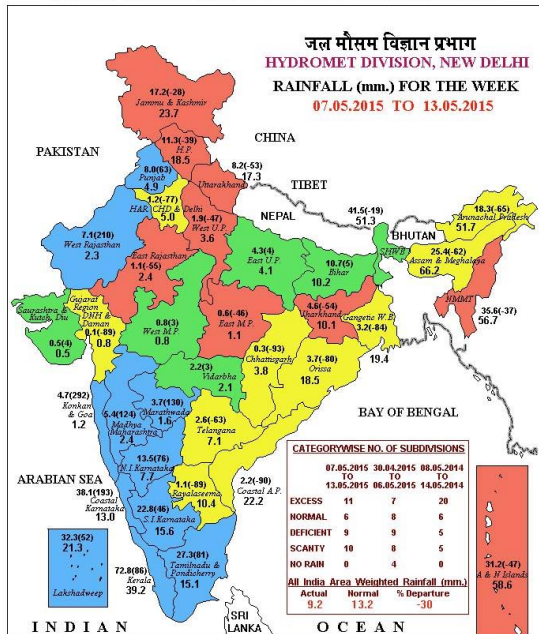
Indian Institute of Tropical Meteorology, Pune

&

Indian Council of Agricultural Research
AICRPAM, CRIDA, Hyderabad

Realized Rainfall (7th to 20th May 2015)

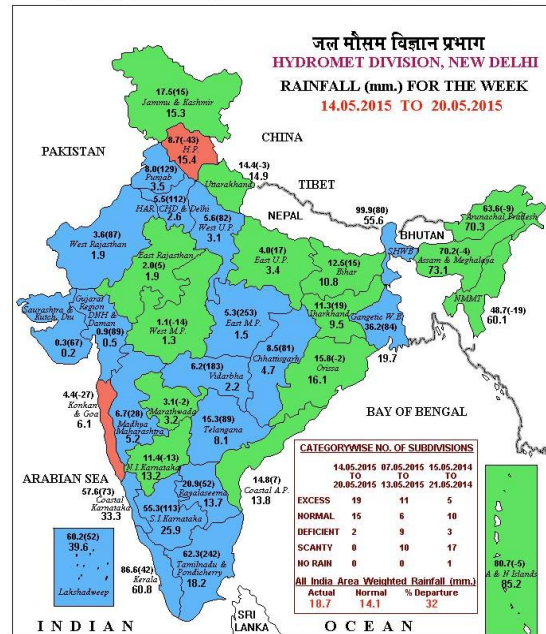
भारत मौसम विज्ञान विभाग INDIA METEOROLOGICAL DEPARTMENT



LEGEND: ■ EXCESS (+20% OR MORE) ■ NORMAL (+19% TO -19%) ■ DEFICIENT (-20% TO -59%)
■ SCANTY (-60% TO -99%) ■ NO RAIN (-100%) ■ NO DATA

NOTES:
 [a] Rainfall figures are based on operational data.
 [b] Small figures indicate actual rainfall (mm.), while bold figures indicate Normal rainfall (mm.)
 Percentage Departures of Rainfall are shown in Brackets.

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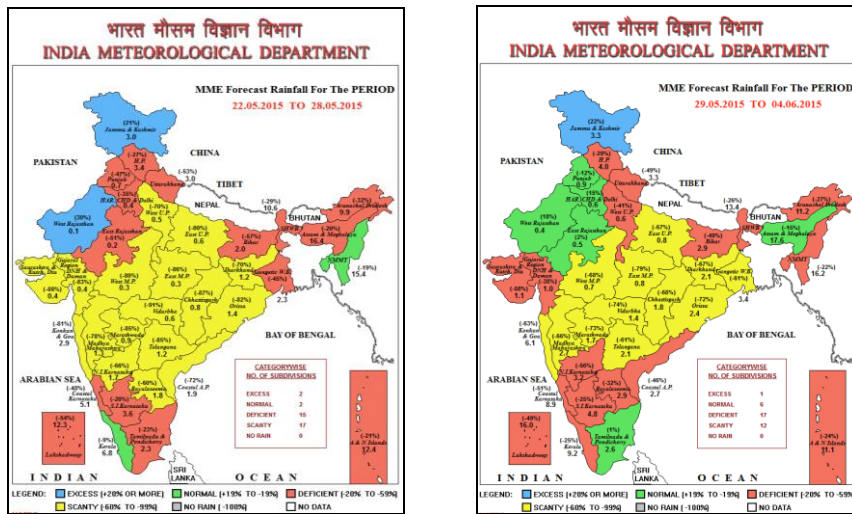
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NOTES:
 [a] Rainfall figures are based on operational data.
 [b] Small figures indicate actual rainfall (mm.), while bold figures indicate Normal rainfall (mm.)
 Percentage Departures of Rainfall are shown in Brackets.

- Normal or above normal rainfall occurred during last two weeks in Karnataka, Kerala, Tamil Nadu, Sub-Himalayan West Bengal and Sikkim, Madhya Maharashtra, Marathwada, Vidarbha Punjab, West Rajasthan, West Madhya Pradesh and Saurashtra & Kutch.
- Normal or above normal rainfall occurred in either of the last two weeks in Telangana, Rayalaseema, Coastal Andhra Pradesh, Northeastern States, Gangetic West Bengal, Bihar, Jharkhand, Chhattisgarh, Odisha, Gujarat region, Konkan & Goa, East Madhya Pradesh, Jammu & Kashmir, Uttarakhand, Haryana & Delhi, West Uttar Pradesh, East Rajasthan and East Uttar Pradesh.
- Below normal rainfall occurred in both the last two weeks only in Himachal Pradesh.

Extended Range Forecast System

Subdivisionwise forecast map for next 2 weeks based on 20 May initial condition



Notes:

- (a) Rainfall figures are based on MME forecast
- (b) Bold figures indicate forecast Normal rainfall (mm/day)
- (c) Percentage Departures of Rainfall are shown in Brackets

- Normal or above normal rainfall is likely to occur during next two weeks in Jammu & Kashmir and West Rajasthan.
- Normal or above normal rainfall is likely to occur in either of the next two weeks in Kerala, Nagaland, Manipur, Mizoram and Tripura. Punjab, Haryana & Delhi, East Rajasthan, Assam & Meghalaya and Tamil Nadu.
- Deficient rainfall is likely to occur in both the next two weeks only in Himachal Pradesh.

Forecast of the Onset Date of Southwest Monsoon - 2015 over Kerala



- The southwest monsoon is likely to set in over Kerala on 30th May with a model error of ± 4 days.
- **As on 22nd May, 2015**, the Northern Limit of Monsoon (NLM) continue to pass through Lat 05.0 °N/ Long. 79.0 °E, Hambantota (Srilanka), Lat. 10.0 °N/ Long. 86.0°E, Lat. 13.0 °N / Long. 89.0 °E and Lat. 18.0 °N / Long. 95.0 °E.

Agromet Advisories for land preparation and sowing of *kharif* crops

In view of occurrence of good amount of pre-monsoon rainfall over northeastern States and southern peninsula during last two weeks and likely occurrence of normal rainfall during next fortnight over Kerala and most of the northeastern States, there is chance of optimum soil moisture for land preparation and growing of nurseries, particularly in the above mentioned regions. Specific agromet advisories for the southern States like Kerala, Karnataka and Andhra Pradesh and in northeastern States are mentioned below.

- **Kerala:** Farmers are advised to undertake land preparation for sowing of upland rice, dry seeding of *virippu* rice, nursery preparation for *virippu* rice.
- **Arunachal Pradesh:** Transplanting of early sown WRC rice is advised.
- **Assam:** Farmers are advised to undertake transplanting of normal *ahu* rice, sowing of *baa* rice, sowing of normal direct seeded *ahu* rice and *baa* rice and sowing of olitorious jute. Farmers can sow the seeds of papaya up to June month. The recommended varieties are Coorg Honey Dew, Washington, Halflong, Ranchi etc.
- **Meghalaya:** Sowing of *jhum* rice is advised.
- **Manipur:** Farmers are advised to undertake nursery preparation for *kharif* rice and sowing of maize, soybean and groundnut.
- **Mizoram:** Nursery preparation for khasi mandarin and land preparation for sowing of maize and vegetables are advised.
- **Karnataka:** land preparation for sowing of crops like ragi, sorghum, cotton, pulses *viz.*, cowpea, green gram, black gram and oil seed crops like sesamum are advised. Farmers are also advised to undertake summer ploughing to control weeds, soil borne pests and diseases. The fodder should be heaped properly so that it will not be damaged due to rains.
- **Andhra Pradesh:** Farmers are advised to undertake nursery preparation of rice and Summer ploughings to control weeds, soil borne pests and diseases. The present weather conditions are highly favorable for incidence of fruit fly in mango orchards. To control this, erect pheromone traps or IIHR traps @ 8-10/acre at 3-6 feet from ground level.