



National Agromet Advisory Service Bulletin

based on

Extended Range Weather Forecast

Valid for 5th to 18th June, 2015

Date of Issue: 5th June, 2015

Issued by

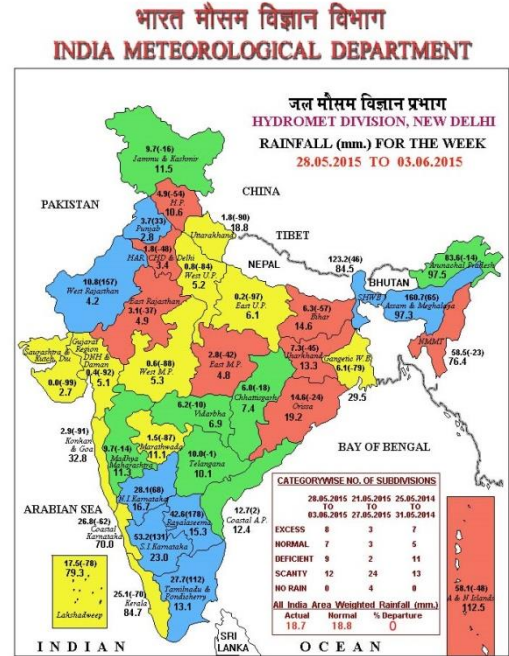
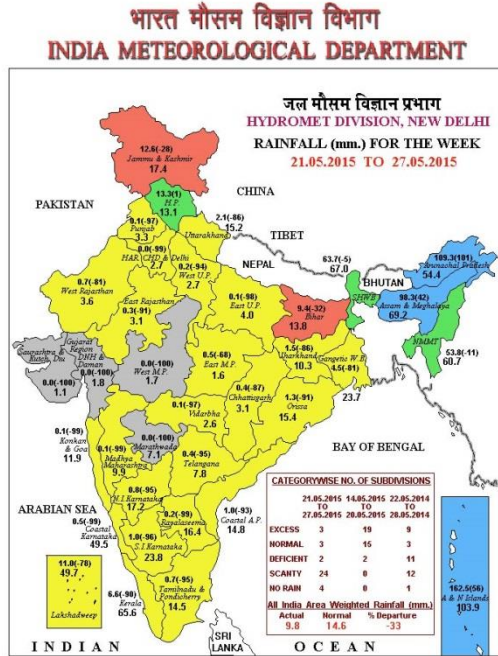
Earth System Science Organisation
India Meteorological Department

Indian Institute of Tropical Meteorology, Pune

&

Indian Council of Agricultural Research
AICRPAM, CRIDA, Hyderabad

Realized Rainfall (21st May to 3rd June 2015)

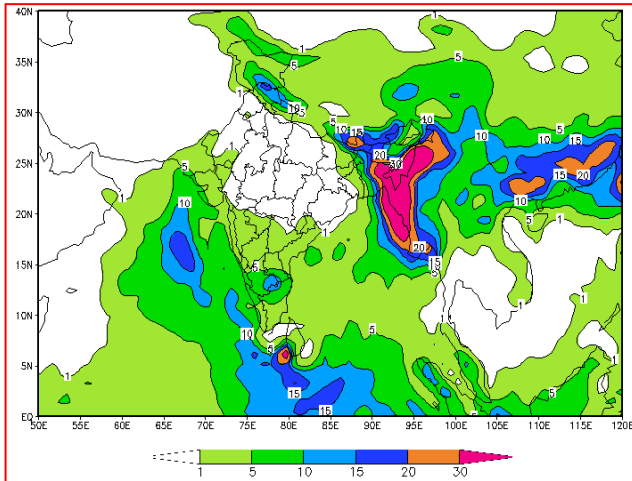


- Normal or above normal rainfall occurred during last two weeks in Arunachal Pradesh, Assam & Meghalaya, Sub-Himalayan West Bengal and Sikkim.
- Normal or above normal rainfall occurred in either of the last two weeks in Interior Karnataka, Tamil Nadu, Andhra Pradesh, Telangana, Madhya Maharashtra, Vidarbha, Chhattisgarh, Mizoram, Nagaland, Manipur, Tripura, Punjab, Himachal Pradesh, Jammu & Kashmir and West Rajasthan.
- Below normal rainfall occurred in the last two weeks over remaining parts of the country.

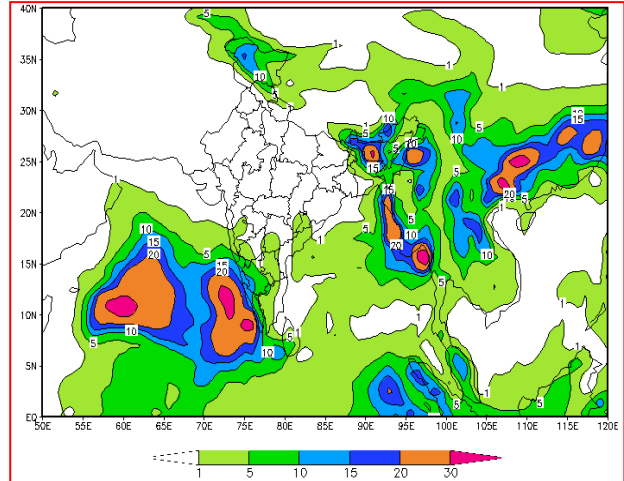
Extended Range Forecast System

Subdivisionwiseraainfall forecast map for the next 2 weeks (IC =03June)

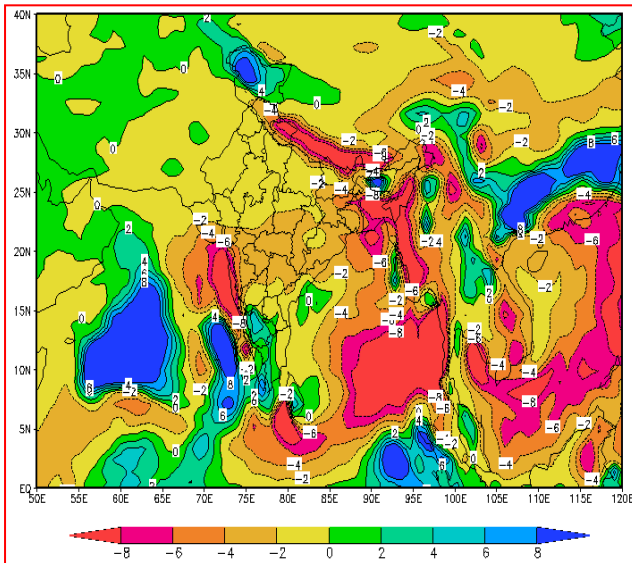
Week 1 (05-11Jun)



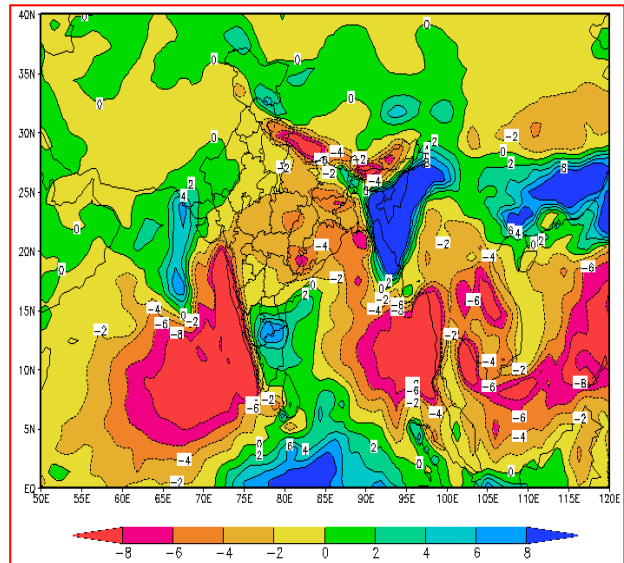
Week 2 (12-18 Jun)



Anomaly - Week 1

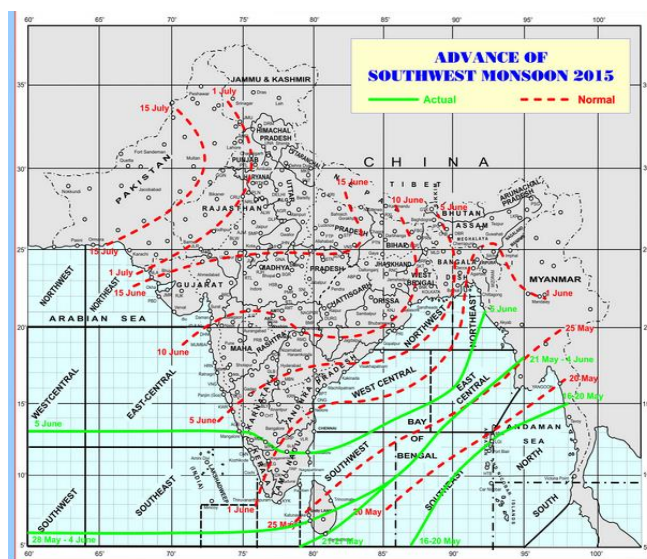


Anomaly - Week 2



- Rainfall is likely mainly over south western coastal regions of India and NE states during week 1 (5-11 June).
- During week 2 gradual northward migration of monsoon rainfall from extreme south peninsula with rainfall activity over northeast India to continue.
- Thus, monsoon is progressing slowly towards north and west compared to normal progress. In view of that rainfall belt is mainly over south and north eastern parts during next 2 weeks.

Advance of Southwest Monsoon - 2015



- Southwest Monsoon has set in over Kerala, today, the 5th June 2015 against the normal date of 1st June.
- It has further advanced into entire south Arabian Sea, some more parts of Central Arabian Sea, entire Lakshadweep area and Kerala, some parts of Coastal & South Interior Karnataka and Tamilnadu, remaining parts of southeast Bay of Bengal and some parts of central & northeast Bay of Bengal.
- The Northern Limit of Monsoon (NLM) passes through Lat 13.0°N/Long. 60.0°E, Lat. 13.0°N/Long. 70.0°E, Mangaluru, Mysuru, Salem, Cuddalore, Lat. 14.0°N/Long. 86.0°E, Lat. 16.0°N/Long. 90.0°E and Lat. 21.0°N /Long. 92.0°E.
- Conditions are favourable for further advance of southwest Monsoon into some more parts of central Arabian Sea, Karnataka, remaining parts of Tamilnadu, some parts of Rayalaseema and Coastal Andhra Pradesh, some more parts of central & north Bay of Bengal and southern parts of northeastern states during next 48 hours.

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

North eastern States and southern peninsula received good amount of pre-monsoon rainfall during last fortnight and Madhya Maharashtra and Marathwada during later part of last fortnight. Rainfall is also likely mainly over south and north eastern parts during next 2 weeks. In view of the above, weather condition will be suitable to undertake following agricultural activities in different parts of the country.

Information on seed selection and required inputs like seeds of crops and varieties, sources of seeds etc. can be collected from KVKs, District Agriculture Office, SAUs, Kisan Call Centre, seed dealers and other NGOs or agencies. The following advisories may be followed for respective states.

Kerala

- Sowing of upland rice, wet seeding of rice variety Uma, dry seeding of *virippu* rice, nursery sowing of *virippu* rice.
- Transplanting of *virippu* rice. Apply 140 kg lime and 2 tons organic manure for one acre land. Transplant seedlings at 4-5 leaf stage. The roots of the seedlings should be dipped in the solution of *Pseudomonas* culture for 30 minutes to control sheath blight, sheath root, leaf spot disease etc.
- Planting of pepper, tapioca coconut seedlings, banana (Poovan, Robusta and Kannan varieties in Problem Area Zone and Robusta, Palayankodan, Njalipoovan in Southern and Northern Zones), turmeric and transplanting of brinjal.

- Inter cropping can be started in coconut gardens after a few good showers.

Karnataka

- Nursery preparation for *kharif* rice in Coastal Karnataka.
- Land preparation and sowing of crops like ragi (GPU- 28, MR -01, 02 and 06, KMR-301), sorghum, pulses *viz.*, cowpea, red gram (TTB -7, BRG -01, BRG- 02, HYD -3C), green gram, black gram and oil seed crops like sesamum in South Interior Karnataka.
- Land preparation for sowing of green gram, red gram, sunflower, maize, Bt. cotton, bajra, sesamum and groundnut and intercropping like bajra + groundnut (bunch) (2:4), bajra + redgram (2:1), groundnut (bunch) + redgram (3:1 or 4:2), redgram + sesamum (1:2 or 2:4) in light and medium black soils in North Interior Karnataka.
- Proper heaping of fodder, so that it will not be damaged due to rains.
- Maintain optimum room temperature in Silkworm and poultry rearing houses.

Andhra Pradesh

Coastal Andhra Pradesh

- Nursery sowing of rice (Pushkala, Rasi, IR64).
- Land preparation for sowing of sesame, maize, pulses, cotton, black gram, finger millet and for planting of rainfed sugarcane.

Rayalaseema

- Land preparation for sowing of *kharif* groundnut, chilli and maize.

Telangana

- Land preparation for sowing of rainfed crops like cotton, maize, groundnut, jowar, soybean, pulses, castor, pigeon pea, green gram etc.

Tamil Nadu

- Nursery preparation / sowing of *Kuruvai* rice (ADT 36, ADT 43, ADT 45 and CO 51) (Nagapattinam district).
- Planting of wetland banana in High Rainfall Zone.

Arunachal Pradesh

- Land preparation and nursery sowing of *kharif* rice.

Assam

- Land preparation for nursery sowing of *sali* rice.
- Farmers practicing rice-rice double cropping can select short to medium duration varieties like Satya and Basundhara. Varieties ManoharSali, Biraj, Solpona etc. are recommended for post flood transplanting. Jalashree and Jalkunwari recommended for chronically flood affected areas.
- Sowing of groundnut and planting of banana, lemon, pineapple and papaya upto June month. The recommended varieties of papaya are Coorg Honey Dew, Washington, Halflong, Ranchi etc.
- Fodder crops: Rooted slips of fodder crops like Hybrid Napier, Setaria and Guinea etc. may be planted due to sufficient moisture in the field.
- Animals: Go for vaccination against Foot & Mouth disease and other bacterial diseases in bovine population (cattle, goat, buffalo etc.).

Meghalaya:

- Nursery bed preparation / main field preparation for sowing of *Sali* / *kharif* rice (HYVs like Shahsarang -1, Lampnah, IR 64, Ranjit, RCPL 1-412, RCPL 1-410, RCPL 1-411 & local varieties like Mendri, Manipuri).
- Land preparation and sowing of soybean (JS 335, Bragg, Ankur, Pusa Soyabean-1, Local JS 2).
- Land preparation and sowing of groundnut, black gram, green gram and red gram and planting of ginger and turmeric.

Manipur

- Nursery bed preparation for *kharif* rice and sowing of *kharif* maize, soybean (JS-335), black gram and groundnut (ICGS-76) and nursery raising of cauliflower.
- Land preparation for transplanting of *kharif* rice.

Mizoram

- Land preparation for sowing of rice, maize, okra, colocasia and transplanting of brinjal and tomato.
- Nursery preparation for khasi mandarin and passion fruit.
- Land preparation for planting of ginger and turmeric.

Tripura

- Sowing of groundnut (TAG 24, TG 37A, ICGS 76) and maize in upland and medium upland regions.

West Bengal

- Land preparation for nursery sowing of *aman* rice.
- Sowing of dry seeded *aus* rice.

Maharashtra**Konkan**

- Nursery sowing of *kharif* rice and finger millet.
- Land preparation for direct sowing of finger millet, pulses and vegetables.
- Mango: Harvest the mature mango fruits before 10 am in the morning and after 4 pm in the evening with the help on Nutan mango harvester at 80 to 85% maturity. Keep the harvested fruits in shade to prevent spongy tissue disease and from heat.

Madhya Maharashtra

- Land preparation for sowing of sorghum and soybean in Kolhapur region.
- Summer ploughing to control weeds, soil borne pests and diseases.