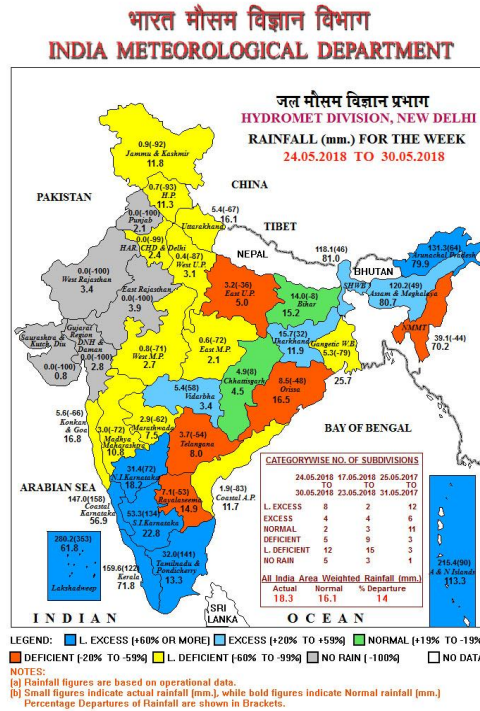
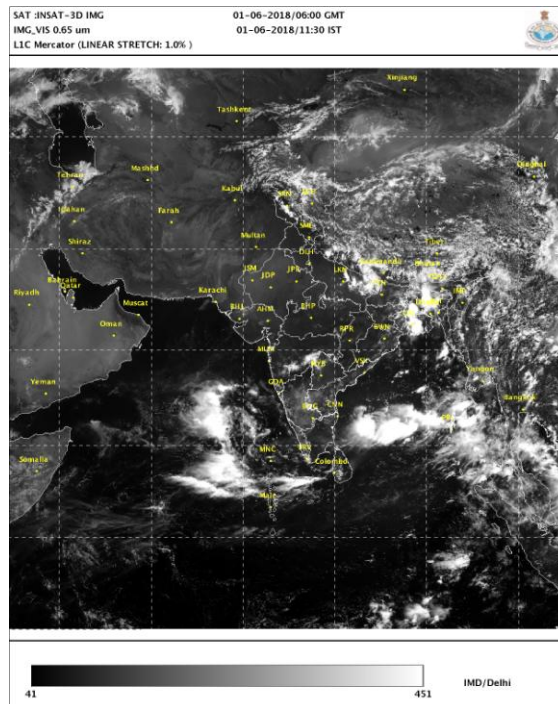


Rainfall map for the week ending 30.05.2018



- ◆ **Large Excess Rain:** Arunachal Pradesh, North Interior Karnataka, Coastal Karnataka, South Interior Karnataka, Kerala, Lakshadweep, Tamil Nadu & Puducherry, Andaman & Nicobar Islands
- ◆ **Excess Rain:** Assam & Meghalaya, Sub-Himalayan West Bengal, Jharkhand, Vidarbha
- ◆ **Normal Rain:** Bihar, Chhattisgarh
- ◆ **Large Deficient Rain / Deficient Rain / No Rain:** Rest of the country

Satellite image 0600 UTC Dated 01.06.2018



Weather Forecast for next 5 days valid upto 0830 hours of 6th June, 2018

- Meteorological subdivision wise detailed 5 days rainfall forecast is given in Table below.
- Day maximum temperatures are very likely to continue in the range of 42-45°C over many parts of Rajasthan and some parts over Madhya Pradesh and Vidarbha during next 3 days.

5 Day Rainfall Forecast (Mid day) 1st June 2018

| Met-Sub-Division | 01-Jun Today | 02Jun Sat | 03Jun Sun | 04Jun Mon | 05Jun Tue |
|------------------------------|-----------------|--------------|--------------|--------------|--------------|
| 1. Andaman & Nicobar Islands | WS | FWS | FWS | WS | WS |
| 2. Arunachal Pradesh | SCT | SCT | SCT | SCT | SCT |
| 3. Assam & Meghalaya | FWS | FWS | FWS | FWS | SCT |
| 4. N. M. M. & T. | WS | WS | WS | FWS | FWS |
| 5. S.H. West Bengal & Sikkim | FWS | FWS | FWS | FWS | FWS |
| 6. Gangetic West Bengal | FWS | FWS | SCT | SCT | SCT |
| 7. Odisha | SCT | SCT | SCT | FWS | FWS |
| 8. Jharkhand | FWS | SCT | SCT | SCT | SCT |
| 9. Bihar | FWS | SCT | SCT | SCT | SCT |
| 10. East Uttar Pradesh | ISOL | ISOL | ISOL | ISOL | ISOL |
| 11. West Uttar Pradesh | ISOL | ISOL | ISOL | ISOL | ISOL |
| 12. Uttarakhand | SCT | SCT | SCT | ISOL | SCT |
| 13. Haryana, Chd & Delhi | DRY | DRY | DRY | DRY | DRY |
| 14. Punjab | DRY | DRY | DRY | DRY | DRY |
| 15. Himachal Pradesh | ISOL | ISOL | ISOL | ISOL | ISOL |
| 16. Jammu & Kashmir | DRY | DRY | DRY | DRY | DRY |
| 17. West Rajasthan | DRY | DRY | DRY | DRY | DRY |
| 18. East Rajasthan | ISOL | ISOL | DRY | DRY | DRY |
| 19. West Madhya Pradesh | ISOL | ISOL | ISOL | ISOL | ISOL |
| 20. East Madhya Pradesh | ISOL | ISOL | ISOL | ISOL | ISOL |
| 21. Gujarat Region | DRY | DRY | DRY | DRY | DRY |
| 22. Saurashtra & Kutch | DRY | DRY | ISOL | ISOL | ISOL |
| 23. Konkan & Goa | SCT | SCT | FWS | FWS | FWS |
| 24. Madhya Maharashtra | SCT | SCT | SCT | SCT | FWS |
| 25. Marathawada | SCT | SCT | SCT | SCT | FWS |
| 26. Vidharbha | ISOL | SCT | ISOL | ISOL | ISOL |
| 27. Chhattisgarh | ISOL | ISOL | ISOL | ISOL | SCT |
| 28. Coastal Andhra Pradesh | SCT | SCT | SCT | SCT | SCT |
| 29. Telangana | SCT | SCT | SCT | FWS | FWS |
| 30. Rayalaseema | SCT | SCT | SCT | FWS | FWS |
| 31. Tamilnadu & Puducherry | ISOL | ISOL | ISOL | SCT | SCT |
| 32. Coastal Karnataka | FWS | FWS | FWS | WS | WS |
| 33. North Interior Karnataka | FWS | FWS | FWS | FWS | WS |
| 34. South Interior Karnataka | SCT | FWS | FWS | FWS | FWS |
| 35. Kerala | FWS | FWS | FWS | FWS | FWS |
| 36. Lakshadweep | DRY | FWS | FWS | FWS | WS |

% Station Reporting Rainfall

| % Stations | Category | % Stations | Category |
|------------|--------------------------------------|------------|-------------------------------|
| 76-100 | Widespread (WS/ Most Places) | 26-50 | Scattered (SCT/ A Few Places) |
| 51-75 | Fairly Widespread (FWS/ Many Places) | 1-25 | Isolated (ISOL) |
| No Rain | Dry | | |

Weather Warning during next 5 days

- **01 June (Day1):** Heat wave conditions are very likely to occur at some parts of West Rajasthan with severe heat wave at one or two pockets. Warm night conditions are very likely at one or two pockets over West Madhya Pradesh. Heavy rain very likely at isolated places over West Bengal, Odisha, Assam & Meghalaya and Manipur, Mizoram & Tripura. Thunderstorm accompanied with squall and lightning very likely at isolated places over East Uttar Pradesh, Bihar, Jharkhand and Odisha. Thunderstorm accompanied with gusty winds and lightning very likely at isolated places over Uttarakhand, West Uttar Pradesh, East Madhya Pradesh, Vidharbha, Chhattisgarh, West Bengal, Madhya Maharashtra, Marathwada, Konkan & Goa, Coastal Andhra Pradesh, Telangana, Rayalaseema, North Interior Karnataka, Tamilnadu & Puducherry and Kerala.
- **02 June (Day 2):** Heat wave conditions are very likely to occur at one or two pockets over West Rajasthan. Warm night conditions are very likely at one or two pockets over West Madhya Pradesh. Heavy rain very likely at isolated places over Sub-Himalayan West Bengal, Assam & Meghalaya, Manipur, Mizoram & Tripura, Rayalaseema and South Interior Karnataka. Thunderstorm accompanied with squall and lightning very likely at isolated places over Uttar Pradesh. Thunderstorm accompanied with gusty winds and lightning very likely at isolated places over Uttarakhand, Vidharbha, , Bihar, Jharkhand, West Bengal, Odisha. Madhya Maharashtra, Marathwada, Konkan & Goa, Coastal Andhra Pradesh, Telangana, Rayalaseema, North Interior Karnataka, Tamilnadu & Puducherry and Kerala.
- **03 June (Day 3):** Heat wave conditions are very likely to occur at one or two pockets over West Rajasthan. Heavy rain very likely at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Rayalaseema and South Interior Karnataka. Thunderstorm accompanied with gusty winds and lightning very likely at isolated places over Uttarakhand, Uttar Pradesh, Bihar, Jharkhand and Odisha.
- **04 June (Day 4):** Heavy rain very likely at isolated places over Coastal & North Interior Karnataka. Thunderstorm accompanied with gusty winds and lightning very likely at isolated places over Uttar Pradesh, Jharkhand, Gangetic West Bengal and Odisha.
- **05 June (Day 5):** Heavy rain very likely at isolated places over Odisha, Madhya Maharashtra, Marathwada, Konkan & Goa, Coastal & North Interior Karnataka and Kerala. Thunderstorm accompanied with squall and lightning likely at isolated places over Odisha. Thunderstorm accompanied with gusty winds and lightning very likely at isolated places over Uttar Pradesh, Jharkhand, Gangetic West Bengal and Odisha.

Weather Outlook for subsequent 2 days from 6th to 8th June 2018

- Rainfall activity is likely to increase over parts of Maharashtra & Goa states from 6th June leading to probable advance of southwest monsoon over these areas during 06th to 08th June.
- Fairly widespread to widespread rainfall with isolated heavy/very heavy falls likely over Interior parts of south Peninsula and parts of the West Coast.
- Scattered to fairly widespread rainfall likely over Islands & northeastern states and isolated to scattered over parts of Central India and northern plains.
- Dry weather likely over remaining parts of the country.

Executive Summary

- Conditions are favourable for further advance of Southwest Monsoon into some more parts of northeastern states during next 48 hours. Conditions are likely to become favourable for further advance of southwest monsoon into some more parts of south Peninsula during the subsequent 3-4 days; continue preparation of nurseries for *Viruppu* rice and undertake field preparation for transplanting of *Viruppu* rice in **Kerala** and undertake nursery sowing for *Sali* rice in **Assam**. Continue land preparation and sowing of soybean, groundnut, black gram and rice bean in **Manipur**.
- Utilizing the pre monsoon showers, continue nursery bed preparation for *kharif* rice in **South**

Konkan. In **Telangana**, taking advantage of the pre-monsoon rains, continue land preparation for sowing of *kharif* crops. Procure and keep the seed, fertilizers and pesticides ready for timely sowing of rain-fed crops. Take up sowing of rain-fed crops like soybean, jowar, maize, red gram, green gram, cotton etc., after receiving cumulative rainfall of 50-60 mm in light soils and 60-75 mm in heavy soils or the soil should be wet up to 15-20 cm depth after onset of South-West monsoon rains. Undertake nursery preparation for rice in **Coastal Karnataka** and land preparation and sowing of cow pea, groundnut, green gram and black gram in **South Interior Karnataka**.

- As rain/thundershowers very likely at most/many places over **Coastal Karnataka** and **North Interior Karnataka** during the period, at many places over **Kerala** during the period, over **South Interior Karnataka** from 2nd to 5th, over **Rayalaseema** and **Telangana** on 4th and 5th June, along with heavy rain at isolated places very likely over Rayalaseema and South Interior Karnataka on 2nd and 3rd, over Coastal & North Interior Karnataka on 4th and 5th and over Kerala on 5th, rain/thundershowers very likely at many places over **Nagaland, Manipur, Mizoram & Tripura** during the period, over **Assam & Meghalaya** from 1st to 4th, along with heavy rain at isolated places over Assam & Meghalaya and Manipur, Mizoram & Tripura from 1st to 3rd, over Nagaland on 3rd June, avoid irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops. Provide adequate drainage in standing crop fields to avoid water stagnation.
- As thunderstorm accompanied with squall/gusty winds and lightning very likely at isolated places over **Odisha** and **Jharkhand** during the period, over **Bihar** from 1st to 3rd, over **West Bengal** on 1st and 2nd and over **Gangetic West Bengal** on 4th & 5th June, over **Coastal Andhra Pradesh, Telangana, Rayalaseema, North Interior Karnataka, Tamilnadu & Puducherry** and **Kerala, Vidarbha** on 1st and 2nd, over **Madhya Maharashtra, Marathwada** and **Konkan & Goa** on 2nd, over **East Madhya Pradesh** and **Chhattisgarh** on 1st June, over **Uttarakhand** from 1st to 3rd, over **West Uttar Pradesh** on 1st, over **Uttar Pradesh** from 3rd to 5th, thunderstorm accompanied with squall and lightning very likely at isolated places over **East Uttar Pradesh** on 1st and over **Uttar Pradesh** on 2nd June, it is advised to provide support to young fruit plants, banana and vegetables and propping up in sugarcane to prevent the crops from lodging due to strong winds. Keep harvested produce at safe places.
- As rain/thundershowers very likely at most/many places over **Andaman & Nicobar islands** during the period, at many places over **Sub-Himalayan West Bengal & Sikkim** during the period, over **Gangetic West Bengal** on 1st and 2nd, over **Jharkhand** and **Bihar** on 1st and over **Odisha** on 4th and 5th June along with heavy rain very likely at isolated places over **West Bengal** and **Odisha** on

1st and over Sub-Himalayan West Bengal & Sikkim on 2nd June, at many places over **Konkan & Goa** from 3rd to 5th, over **Madhya Maharashtra** and **Marathwada** on 5th June, along with heavy rain at isolated places very likely over Madhya Maharashtra, Marathwada and Konkan & Goa on 5th June,, avoid irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops. Provide adequate drainage in standing crop fields to avoid water stagnation.

- As heat wave conditions are very likely to occur at some parts of West **Rajasthan** with severe heat wave at one or two pockets on 1st and at one or two pockets over West Rajasthan on 2nd June.
- In view of the heat wave conditions in **West Rajasthan**, grazing/feeding of cattle/goats may be done during morning/evening hours. Keep animals under shade/shed during noon hours and provide plenty of water mixed with minerals for drinking. Also provide balanced feed & adopt vaccination schedule. Also provide mineral mixture and fresh and clean water to poultry birds. Make arrangement of curtains and proper ventilation in poultry house. Vaccinate the poultry birds to prevent Ranikhet disease

- Weather forecast issued by NWFC, New Delhi and Agromet Advisories prepared based on the DAAS Bulletins issued by different Agrometeorological Field Units are included in this bulletin.