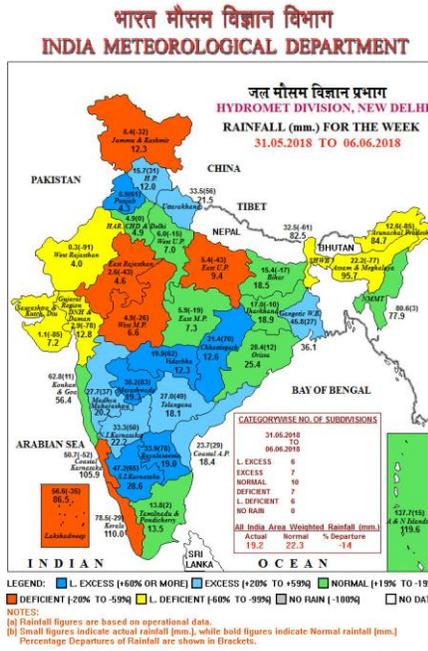
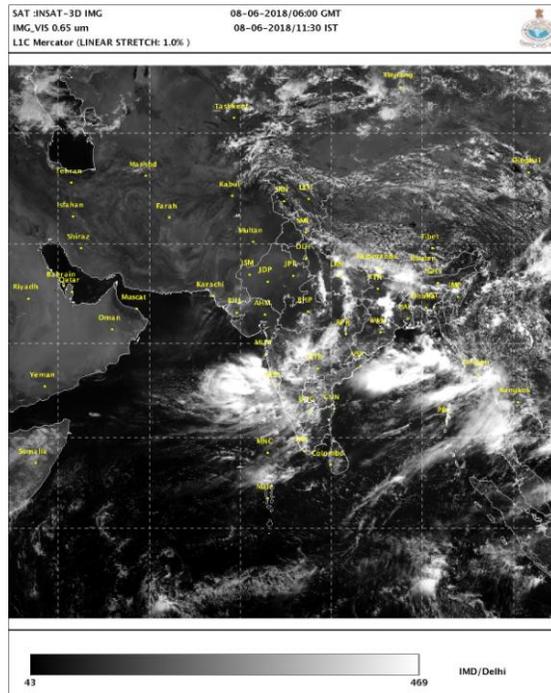


Rainfall map for the week ending 06.06.2018



- ◆ **Large Excess Rain:** Punjab, Chhattisgarh, Vidarbha, Marathwada, Rayalaseema, South Interior Karnataka
- ◆ **Excess Rain:** Himachal Pradesh, Uttarakhand, Gangetic West Bengal, Madhya Maharashtra, North Interior Karnataka, Telangana, Coastal Andhra Pradesh
- ◆ **Normal Rain:** Haryana, Chandigarh & Delhi, West Uttar Pradesh, East Madhya Pradesh, Bihar, Jharkhand, Odisha, Nagaland, Manipur, Mizoram, Tripura, Konkan and Goa, Tamil Nadu & Puducherry, Andaman & Nicobar Islands
- ◆ **Large Deficient Rain / Deficient Rain:** Rest of the country

Satellite image 0600 UTC Dated 08.06.2018



## Weather Forecast for next 5 days valid upto 0830 hours of 13<sup>th</sup> 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 40-42°C over rest parts of plains of northwest and adjoining central India during next 2 days.

### 5 Day Rainfall Forecast (Mid day) 8<sup>th</sup> June 2018

Met-Sub-Division	08-Jun Today	09Jun Sat	10Jun Sun	11Jun Mon	12Jun Tue
1. Andaman & Nicobar Islands	WS	WS	WS	FWS	FWS
2. Arunachal Pradesh	SCT	SCT	SCT	FWS	FWS
3. Assam & Meghalaya	SCT	SCT	FWS	FWS	WS
4. N. M. M. & T.	FWS	FWS	WS	WS	WS
5. S.H. West Bengal & Sikkim	WS	FWS	FWS	WS	WS
6. Gangetic West Bengal	FWS	FWS	FWS	FWS	WS
7. Odisha	FWS	FWS	WS	WS	FWS
8. Jharkhand	FWS	SCT	SCT	FWS	FWS
9. Bihar	FWS	SCT	SCT	FWS	FWS
10. East Uttar Pradesh	SCT	SCT	SCT	SCT	SCT
11. West Uttar Pradesh	ISOL	SCT	ISOL	ISOL	ISOL
12. Uttarakhand	SCT	WS	FWS	ISOL	ISOL
13. Haryana, Chd & Delhi	ISOL	SCT	SCT	DRY	DRY
14. Punjab	ISOL	SCT	SCT	DRY	DRY
15. Himachal Pradesh	ISOL	FWS	FWS	ISOL	ISOL
16. Jammu & Kashmir	DRY	ISOL	SCT	ISOL	ISOL
17. West Rajasthan	DRY	ISOL	ISOL	DRY	DRY
18. East Rajasthan	ISOL	ISOL	SCT	DRY	DRY
19. West Madhya Pradesh	ISOL	ISOL	SCT	SCT	SCT
20. East Madhya Pradesh	ISOL	SCT	SCT	SCT	SCT
21. Gujarat Region	ISOL	ISOL	SCT	SCT	ISOL
22. Saurashtra & Kutch	ISOL	ISOL	ISOL	ISOL	ISOL
23. Konkan & Goa	WS	WS	WS	WS	WS
24. Madhya Maharashtra	WS	WS	FWS	FWS	SCT
25. Marathwada	WS	WS	FWS	SCT	SCT
26. Vidharbha	FWS	FWS	FWS	FWS	SCT
27. Chhattisgarh	FWS	FWS	FWS	FWS	FWS
28. Coastal Andhra Pradesh	FWS	FWS	SCT	SCT	SCT
29. Telangana	FWS	FWS	SCT	SCT	SCT
30. Rayalaseema	SCT	SCT	ISOL	ISOL	ISOL
31. Tamilnadu & Puducherry	ISOL	ISOL	ISOL	ISOL	ISOL
32. Coastal Karnataka	WS	WS	WS	WS	WS
33. North Interior Karnataka	WS	WS	FWS	FWS	SCT
34. South Interior Karnataka	WS	FWS	FWS	FWS	FWS
35. Kerala	WS	WS	WS	WS	WS
36. Lakshadweep	WS	FWS	FWS	FWS	FWS

#### % 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

- **08 June (Day 1):** Heavy to very heavy rain at a few places with extremely heavy rain at isolated places over Konkan & Goa, Madhya Maharashtra and Coastal Karnataka. Heavy to very heavy rain very likely at isolated places over Telangana, Interior Karnataka and Kerala; heavy rain at isolated places very likely over Uttarakhand, Chhattisgarh, Jharkhand, Odisha, Sub-Himalayan West Bengal & Sikkim, Marathwada, Coastal Andhra Pradesh and Lakshadweep. Thunderstorm accompanied with squall and lightning very likely at isolated places over Haryana, Chandigarh & Delhi. Thunderstorm accompanied with gusty winds and lightning very likely at isolated

places over Uttarakhand, Uttar Pradesh, East Rajasthan, Madhya Pradesh, Vidarbha, Chhattisgarh, Jharkhand, Bihar, Gangetic West Bengal, Konkan & Goa, Madhya Maharashtra and Marathwada. Heat wave conditions very likely at one or two pockets over Rajasthan.

Squally winds speed reaching 40-50 kmph gusting to 60 kmph very likely along and off Kerala, Karnataka, Maharashtra coasts and Andaman & Nicobar Islands. Sea condition is likely to be rough to very rough over East Central, West Central and Southwest Arabian Sea and North Bay of Bengal. Fishermen are advised not to venture into these areas.

- **09 June (Day 2):** Heavy to very heavy rain at a few places with extremely heavy rain at isolated places over Konkan & Goa and Madhya Maharashtra. Heavy to very heavy rain very likely at isolated places over Coastal Karnataka; heavy rain at isolated places very likely over Nagaland, Manipur, Mizoram & Tripura, Vidarbha, Chhattisgarh, Odisha, Coastal Andhra Pradesh, Telangana, Interior Karnataka and Kerala. Thunderstorm accompanied with squall and lightning very likely at isolated places over Haryana, Chandigarh & Delhi, West Uttar Pradesh and East Rajasthan. Thunderstorm accompanied with gusty winds very likely at isolated places over Uttarakhand, Himachal Pradesh, Punjab, East Uttar Pradesh, Vidarbha, Madhya Pradesh, Chhattisgarh and Jharkhand. Heat wave conditions very likely at one or two pockets over West Rajasthan.

Squally winds speed reaching 40-50 kmph gusting to 60 kmph very likely along and off Kerala, Karnataka, Maharashtra coasts, Andaman & Nicobar Islands and also over North Bay of Bengal. Sea condition is likely to be rough to very rough over East Central, West Central and Southwest Arabian Sea and North Bay of Bengal. Fishermen are advised not to venture into these areas.

- **10 June (Day 3):** Heavy to very heavy rain very likely at a few places over Konkan & Goa and at isolated places over Odisha and Coastal Karnataka; heavy rain at isolated places over Vidarbha, Chhattisgarh, Gangetic West Bengal, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Madhya Maharashtra, North Interior Karnataka and Kerala. Thunderstorm accompanied with gusty winds and lightning very likely at isolated places over Uttarakhand, Himachal Pradesh, Punjab, Haryana, Chandigarh & Delhi, East Rajasthan, Jharkhand and Uttar Pradesh.

Squally winds speed reaching 40-50 kmph gusting to 60 kmph very likely along and off Kerala, Karnataka, Maharashtra coasts. Sea condition is likely to be rough to very rough over East Central, West Central and Southwest Arabian Sea. Fishermen are advised not to venture into these areas.

- **11 June (Day 4):** Heavy to very heavy rain likely at isolated places over Konkan & Goa. Heavy rain likely at isolated places over Chhattisgarh, West Bengal & Sikkim, Odisha, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Coastal Karnataka and Kerala. Thunderstorm accompanied with gusty winds likely at isolated places over Uttarakhand, Uttar Pradesh and Bihar.
- **12 June (Day 5):** Heavy to very heavy rain likely at isolated places over Coastal Karnataka. Heavy rain likely at isolated places over West Bengal & Sikkim, Odisha, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Konkan & Goa and Kerala. Thunderstorm accompanied with gusty winds and lightning likely at isolated places over Uttarakhand, Uttar Pradesh and Bihar.

#### **Weather Outlook for subsequent 2 days from 13<sup>th</sup> to 15<sup>th</sup> June 2018**

- Fairly widespread to widespread rainfall activity with isolated heavy falls likely along southern part of West Coast and North Eastern parts.
- Rainfall over the rest of Peninsular India, Central & East India is likely to reduce further. Isolated to scattered rainfall is likely over these areas.
- Dry weather is likely over parts of Northwest & West India.

#### **Executive Summary**

- Southwest Monsoon has further advanced into some more parts of Central Arabian Sea, remaining parts of Goa, Karnataka and Rayalaseema, some parts of south Konkan, south Madhya Maharashtra, Marathwada, Vidarbha, south Chhattisgarh and south Odisha, entire Telangana, most parts of

Coastal Andhra Pradesh, remaining parts of West Central Bay of Bengal and most parts of North Bay of Bengal. Conditions are favorable for further advance of Southwest Monsoon into some more parts of Central Arabian Sea,, Maharashtra ( including Mumbai), Chhattisgarh & Odisha and remaining parts of Coastal Andhra Pradesh during next 24 hours. Conditions are very likely to become favorable for further advance of Southwest Monsoon into most parts of Arabian Sea, remaining parts of Maharashtra, some parts of south Gujarat region, southern parts of Madhya Pradesh, some more parts of Chhattisgarh and Odisha, some parts of West Bengal & Sikkim, remaining parts of Northeastern States during the subsequent 48 hours:

Undertake field preparation and transplanting of *viruppu* rice in **Kerala**, continue nursery sowing for *Sali* rice in **Assam**. Undertake land preparation and sowing of normal sown WRC rice after seed treatment in **Meghalaya**. Continue land preparation and sowing of soybean, groundnut, black gram and rice bean in **Manipur**. Continue nursery bed preparation for *kharif* rice in **Konkan** after current spells of heavy rain. In **Telangana**, continue land preparation for sowing of *kharif* crops and undertake 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. Continue nursery raising of rice after current spells of heavy rain and undertake main field preparation for transplanting of rice in **Coastal Karnataka** and land preparation and sowing of cow pea, groundnut, green gram and black gram in **South Interior Karnataka**. In **North Interior Karnataka**, undertake sowing of soybean, green gram, black gram (DU-1, DBGV-5), red gram (TS-3R), groundnut (G 2-52, GPBD-4, GPBD -5 (rain-fed), HD-86, TAG-24 (irrigated) and maize (Arjun, GH-0727) crops where sufficient rainfall is received.

- As squally winds speed reaching 40-50 kmph gusting to 60 kmph very likely along and off Kerala, Karnataka coasts, sea condition is likely to be rough to very rough over East Central, West Central and Southwest Arabian Sea from 8<sup>th</sup> to 10<sup>th</sup> June. As squally winds speed reaching 40-50 kmph gusting to 60 kmph very likely over Andaman & Nicobar Islands, sea condition is likely to be rough to very rough over North Bay of Bengal on 8<sup>th</sup> and 9<sup>th</sup> June. Fishermen are advised not to venture into these areas.
- As thunderstorm accompanied with squall and lightning very likely at isolated places over **Haryana, Chandigarh & Delhi** on 8<sup>th</sup> and 9<sup>th</sup>, over **West Uttar Pradesh** and **East Rajasthan** on 9<sup>th</sup>, thunderstorm accompanied with gusty winds and lightning very likely at isolated places over **Uttarakhand** on 8<sup>th</sup>, 10<sup>th</sup> and 12<sup>th</sup>, over **Uttar Pradesh** on 8<sup>th</sup> and 12<sup>th</sup>, over **East Rajasthan** on 8<sup>th</sup> and 12<sup>th</sup>, over **Himachal Pradesh** and **Punjab** on 9<sup>th</sup> and 10<sup>th</sup>, over **East Uttar Pradesh** on 9<sup>th</sup>, over **Haryana, Chandigarh & Delhi** on 10<sup>th</sup>, thunderstorm accompanied with gusty winds very

likely at isolated places over **Uttarakhand** on 9<sup>th</sup> and 11<sup>th</sup>, over **Himachal Pradesh, Punjab** and **East Uttar Pradesh** on 9<sup>th</sup> and over **Uttar Pradesh** on 11<sup>th</sup> June, over **Bihar** on 8<sup>th</sup>, 11<sup>th</sup> & 12<sup>th</sup>, over **Gangetic West Bengal** on 8<sup>th</sup>, over **Jharkhand** from 8<sup>th</sup> to 10<sup>th</sup> June, **Vidarbha** on 8<sup>th</sup> and 9<sup>th</sup>, over **Madhya Maharashtra, Marathwada** and **Konkan & Goa** on 8<sup>th</sup>, over **Madhya Pradesh** and **Chhattisgarh** on 8<sup>th</sup>, over **Madhya Pradesh** and **Chhattisgarh** on 9<sup>th</sup> 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.

- In view of the heat wave conditions at one or two pockets of 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.