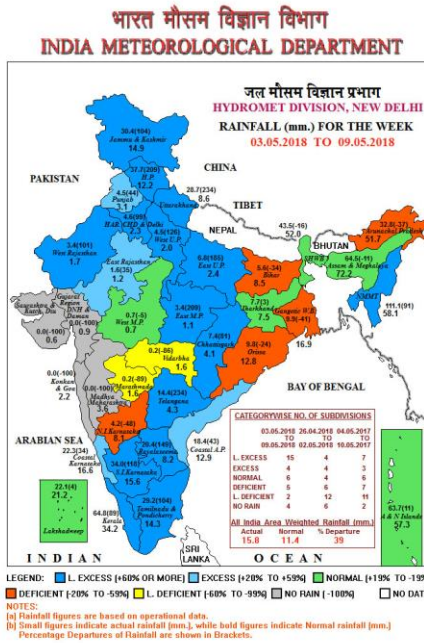
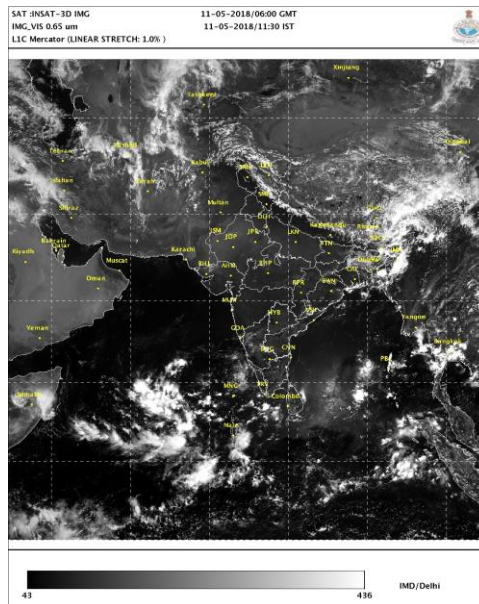


Rainfall map for the week ending 09.05.2018



- ◆ **Large Excess Rain:** Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Uttar Pradesh, Haryana, Chandigarh & Delhi, West Rajasthan, East Madhya Pradesh, Chhattisgarh, Nagaland, Manipur, Mizoram & Tripura, Telangana, Rayalaseema, South Interior Karnataka, Kerala, Tamil Nadu.
- ◆ **Excess Rain:** Punjab, East Rajasthan, Coastal Karnataka, Coastal Andhra Pradesh.
- ◆ **Normal Rain:** West Madhya Pradesh, Jharkhand, Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya, Andaman & Nicobar Islands, Lakshadweep.
- ◆ **Large Deficient Rain / Deficient Rain / No Rain:** Rest of the country.

Satellite image 0600 UTC Dated 11.05.2018



## Weather Forecast for next 5 days valid upto 0830 hours of 16<sup>th</sup> May 2018

- Meteorological subdivision wise detailed 5 days rainfall forecast is given in Table below.
- Maximum temperatures very likely to remain in the range of 40-44°C over most parts of Rajasthan, Gujarat, Madhya Pradesh, Interior Maharashtra and over some parts of Chhattisgarh, Telangana, interior Odisha and North Interior Karnataka during next 2-3 days.
- Maximum temperatures very likely to rise by 2-3°C over Northwest India and by 1-2°C over West India during next 2-3 days and no significant change in maximum temperatures over rest of the country during the same period.

### 5 Day Rainfall Forecast (Mid day) 11<sup>th</sup> May 2018

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

#### % 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

- **11 May (Day 1):** Thunderstorm accompanied with squall (wind speed reaching 50-70 kmph) very likely at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura and Gangetic West Bengal.

Thunderstorm accompanied with gusty winds very likely at isolated places over Sub-Himalayan West Bengal & Sikkim, Odisha, Jharkhand, Bihar, north Coastal Andhra Pradesh, Telangana, Rayalaseema, Interior Karnataka, Tamilnadu & Puducherry, Lakshadweep and Kerala. Heavy rain very likely at isolated places over Assam & Meghalaya, Coastal & South Interior Karnataka, Lakshadweep, Kerala and Tamilnadu & Puducherry. Heat wave conditions very likely at one or two pockets over West Madhya Pradesh, Vidarbha and West Rajasthan.

- **12 May (Day 2):** Thunderstorm accompanied with squall (wind speed reaching 50-70 kmph) very likely at isolated places over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura. Thunderstorm accompanied with gusty winds very likely at isolated places over Jammu & Kashmir, Himachal Pradesh, Uttarakhand, East Uttar Pradesh, Gangetic West Bengal, Vidarbha, Chhattisgarh, Telangana, north Coastal Andhra Pradesh, South Interior Karnataka, Tamilnadu & Puducherry, Lakshadweep and Kerala. Heavy rain very likely at isolated places over South Interior Karnataka and Tamilnadu & Puducherry. Heat wave conditions very likely at one or two pockets over Rajasthan, West Madhya Pradesh and Vidarbha.
- **13 May (Day 3):** Thunderstorm accompanied with squall (wind speed reaching 50-70 kmph) and hail very likely at isolated places over Jammu & Kashmir, Himachal Pradesh and Uttarkhand. Thunderstorm accompanied with squall (wind speed reaching 50-70 kmph) very likely at isolated places over East Uttar Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Odisha and Jharkhand. Thunderstorm accompanied with gusty winds very likely at isolated places over Punjab, Haryana, Chandigarh & Delhi, West Uttar Pradesh, Vidarbha, Chhattisgarh, Bihar, Telangana, north Coastal Andhra Pradesh, South Interior Karnataka, Tamilnadu & Puducherry, Lakshadweep and Kerala. Duststorm very likely at isolated places over Rajasthan. Heat wave conditions very likely at one or two pockets over Rajasthan, West Madhya Pradesh and Vidarbha.
- **14 May (Day 4):** Thunderstorm accompanied with squall (wind speed reaching 50-70 kmph) and hail likely at isolated places over Jammu & Kashmir, Himachal Pradesh and Uttarkhand. Thunderstorm accompanied with squall (wind speed reaching 50-70 kmph) likely at isolated places over East Uttar Pradesh, West Bengal & Sikkim, Jharkhand and Odisha. Thunderstorm accompanied with gusty winds likely at isolated places over Haryana, Chandigarh & Delhi, West Uttar Pradesh, East Rajasthan, Vidarbha and Chhattisgarh. Duststorm likely at isolated places over West Rajasthan.
- **15 May (Day 5):** Thunderstorm accompanied with squall (wind speed reaching 50-70 kmph) likely at isolated places over Sub-Himalayan West Bengal & Sikkim. Thunderstorm accompanied with gusty winds likely at isolated places over East Uttar Pradesh, Vidarbha and Chhattisgarh.

#### **Weather Outlook for subsequent 2 days from 16<sup>th</sup> to 18<sup>th</sup> May 2018**

- Scattered to fairly widespread rain/thundershowers likely over northeast India.
- Isolated to scattered rain/thundershowers likely over Western Himalayan region, East India, central and south peninsular India.
- Dry weather likely over remaining parts of the country.

## Executive Summary

- As thunderstorm accompanied with squall (wind speed reaching 50-70kmph) and hail very likely at isolated places over **Jammu & Kashmir, Himachal Pradesh** and **Uttarakhand** on 13<sup>th</sup> and 14<sup>th</sup>, it is advised to use hail net for orchard crops to protect from mechanical damage. Provide support to young fruit plants and vegetables and propping up in sugarcane to prevent the crops from lodging due to strong winds. Keep harvested produce at safe places.
- As thunderstorm accompanied with squall (wind speed reaching 50- 70kmph) very likely at isolated places over **East Uttar Pradesh** on 13<sup>th</sup> and 14<sup>th</sup>, over **Gangetic West Bengal** on 11<sup>th</sup>, over **West Bengal & Sikkim, Odisha** and **Jharkhand** on 13<sup>th</sup> & 14<sup>th</sup> and over **Sub-Himalayan West Bengal & Sikkim** on 15<sup>th</sup>, over **Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura** on 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> May; thunderstorm accompanied with gusty winds very likely at isolated places over **Jammu & Kashmir, Himachal Pradesh, Uttarakhand** on 12<sup>th</sup>, over **East Uttar Pradesh** on 12<sup>th</sup> and 15<sup>th</sup>, over **Haryana, Chandigarh & Delhi** and **West Uttar Pradesh** on 13<sup>th</sup> and 14<sup>th</sup>, over **Punjab** on 13<sup>th</sup>, over **East Rajasthan** on 14<sup>th</sup>, over **Sub-Himalayan West Bengal & Sikkim, Bihar, Jharkhand** and **Odisha** on 11<sup>th</sup>, over **Gangetic West Bengal** on 12<sup>th</sup> May, over **Chhattisgarh** from 12<sup>th</sup> to 15<sup>th</sup> May, over **north Coastal Andhra Pradesh, Telangana, Rayalaseema, Tamilnadu & Puducherry** and **Kerala** from 11<sup>th</sup> to 13<sup>th</sup>, over **South Interior Karnataka** on 12<sup>th</sup> and 13<sup>th</sup>, over **Interior Karnataka** on 11<sup>th</sup> May; duststorm very likely at isolated places over **Rajasthan** on 13<sup>th</sup> and over **West Rajasthan** on 14<sup>th</sup> May; 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 **Uttarakhand** and at many places over **Jammu & Kashmir** and **Himachal Pradesh** on 13<sup>th</sup> and 14<sup>th</sup>, at many places over **Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Andaman & Nicobar islands** during the period, over **Arunachal Pradesh** on 15<sup>th</sup> May, over **Sub-Himalayan West Bengal & Sikkim** on 11<sup>th</sup>, 14<sup>th</sup> & 15<sup>th</sup>, over **Gangetic West Bengal** on 13<sup>th</sup>, over **Kerala** on 11<sup>th</sup>, 12<sup>th</sup> and 14<sup>th</sup>, over **South Interior Karnataka** on 11<sup>th</sup> May, along with heavy rain at isolated places over **Assam & Meghalaya** on 11<sup>th</sup>, over **Coastal Karnataka** and **Kerala** on 11<sup>th</sup>, over **South Interior Karnataka** and **Tamilnadu & Puducherry** on 11<sup>th</sup> and 12<sup>th</sup> May; avoid irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops. Keep harvested produces at safer places.
- As heat wave conditions very likely at one or two pockets over **West Rajasthan** and over **West Madhya Pradesh** from 11<sup>th</sup> to 13<sup>th</sup> May, apply light and frequent irrigation in vegetables, orchard crops, green gram, black gram, maize to cope up with the excess evaporative demand due to heat wave conditions, undertake mulching with straw/polythene to conserve soil moisture. In **Vidarbha**, in view of expected heat wave conditions during next 3 days, apply light and frequent irrigation to summer crops, vegetables and orchards. Also apply mulch to conserve soil moisture.
- In view of the prevailing heat wave conditions in **West Rajasthan** and **West Madhya Pradesh**, 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. Make arrangement of curtains and proper ventilation in poultry house.

- 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.