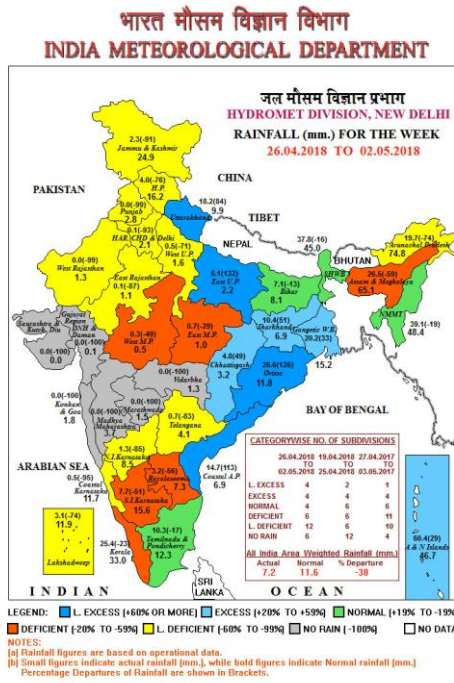
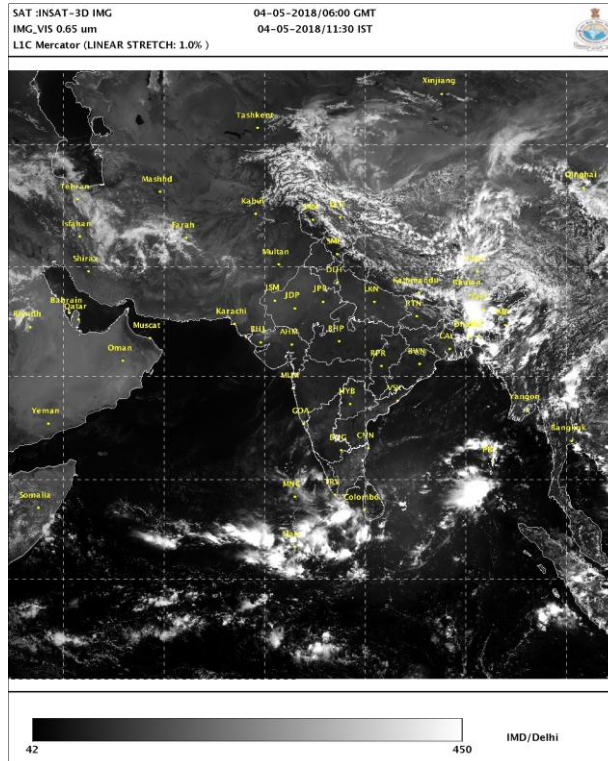


Rainfall map for the week ending 02.05.2018



- ◆ **Large Excess Rain:** Uttarakhand, East Uttar Pradesh, Odisha, Coastal Andhra Pradesh
- ◆ **Excess Rain:** Gangetic West Bengal, Jharkhand, Chhattisgarh, Andaman & Nicobar Islands
- ◆ **Normal Rain:** Bihar, Sub-Himalayan West Bengal, Tamil Nadu & Puducherry, Nagaland, Manipur, Mizoram, Tripura
- ◆ **Large Deficient Rain / Deficient Rain / No Rain:** Rest of the country

Satellite image 0600 UTC Dated 04.05.2018



## Weather Forecast for next 5 days valid upto 0830 hours of 9<sup>th</sup> May 2018

- Meteorological subdivision wise detailed 5 days rainfall forecast is given in Table below.
- Maximum temperatures are likely to rise by 2-3°C over East India from 5th May onwards.
- Maximum temperatures are likely to continue to remain in the range of 40-43°C over parts of Gujarat, Telangana, Rayalseema and Interior Maharashtra during next 48 hours.
- No significant change in maximum temperatures over rest of the country during next 48 hours.

### 5 Day Rainfall Forecast (Mid day) 4<sup>th</sup> May 2018

Met-Sub-Division	04-May Today	05May Sat	06May Sun	07May Mon	08May Tue
1. Andaman & Nicobar Islands	FWS	SCT	SCT	SCT	SCT
2. Arunachal Pradesh	SCT	FWS	FWS	FWS	SCT
3. Assam & Meghalaya	WS	WS	WS	WS	FWS
4. N. M. M. & T.	WS	WS	WS	WS	FWS
5. S.H. West Bengal & Sikkim	WS	FWS	FWS	FWS	FWS
6. Gangetic West Bengal	SCT	ISOL	ISOL	ISOL	DRY
7. Odisha	ISOL	ISOL	ISOL	ISOL	DRY
8. Jharkhand	ISOL	ISOL	ISOL	DRY	DRY
9. Bihar	ISOL	ISOL	ISOL	ISOL	ISOL
10. East Uttar Pradesh	ISOL	ISOL	DRY	ISOL	ISOL
11. West Uttar Pradesh	ISOL	ISOL	ISOL	ISOL	SCT
12. Uttarakhand	SCT	SCT	FWS	FWS	FWS
13. Haryana, Chd & Delhi	ISOL	ISOL	ISOL	SCT	FWS
14. Punjab	ISOL	ISOL	SCT	FWS	FWS
15. Himachal Pradesh	SCT	FWS	WS	WS	FWS
16. Jammu & Kashmir	SCT	FWS	WS	WS	FWS
17. West Rajasthan	ISOL	DRY	DRY	ISOL	ISOL
18. East Rajasthan	ISOL	DRY	DRY	ISOL	ISOL
19. West Madhya Pradesh	ISOL	DRY	DRY	DRY	ISOL
20. East Madhya Pradesh	ISOL	DRY	DRY	DRY	DRY
21. Gujarat Region	DRY	DRY	DRY	DRY	DRY
22. Saurashtra & Kutch	DRY	DRY	DRY	DRY	DRY
23. Konkan & Goa	DRY	DRY	DRY	DRY	DRY
24. Madhya Maharashtra	DRY	DRY	DRY	DRY	DRY
25. Marathwada	ISOL	ISOL	DRY	DRY	DRY
26. Vidharbha	ISOL	DRY	DRY	DRY	DRY
27. Chhattisgarh	DRY	DRY	DRY	DRY	DRY
28. Coastal Andhra Pradesh	ISOL	ISOL	ISOL	ISOL	ISOL
29. Telangana	ISOL	ISOL	ISOL	ISOL	ISOL
30. Rayalaseema	ISOL	ISOL	ISOL	ISOL	ISOL
31. Tamilnadu & Puducherry	SCT	ISOL	ISOL	ISOL	SCT
32. Coastal Karnataka	ISOL	ISOL	ISOL	ISOL	ISOL
33. North Interior Karnataka	ISOL	ISOL	ISOL	ISOL	DRY
34. South Interior Karnataka	SCT	ISOL	ISOL	SCT	SCT
35. Kerala	FWS	SCT	SCT	SCT	FWS
36. Lakshadweep	ISOL	DRY	DRY	DRY	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

- **04 May (Day 1):** Thunderstorm accompanied with squall very likely at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura and West Bengal. Thunderstorm accompanied with gusty winds very likely at isolated places over Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, Punjab, Bihar, Jharkhand, Sikkim, Odisha, northwest Madhya Pradesh, Telangana, Rayalaseema, north coastal Andhra Pradesh, Interior Tamilnadu and Kerala. Heavy rain very likely at isolated places over Tamilnadu and Kerala. Dust storm/Thunderstorm very likely at isolated places over Rajasthan.
- **05 May (Day 2):** Thunderstorm accompanied with squall very likely at isolated places over Uttarakhand, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub-Himalayan West Bengal & Sikkim. Thunderstorm accompanied with gusty winds very likely at isolated places over Jammu & Kashmir, Himachal Pradesh, Punjab and Gangetic West Bengal. Heavy rain very likely at isolated places over Assam & Meghalaya and Tripura. Dust storm very likely at isolated places over Rajasthan.
- **06 May (Day 3):** Thunderstorm accompanied with squall and hail very likely at isolated places over Jammu & Kashmir, Himachal Pradesh and Uttarakhand. Thunderstorm accompanied with squall very likely at isolated places over Sub-Himalayan West Bengal & Sikkim. Thunderstorm accompanied with gusty winds very likely at isolated places over north Coastal Andhra Pradesh, Punjab and West Uttar Pradesh. Heavy to very heavy rain very likely at isolated places over south Assam & Meghalaya; heavy rain very likely at isolated places over Tripura. Heat wave conditions likely at one or two pockets over Vidarbha.
- **07 May (Day 4):** Thunderstorm accompanied with squall and hail very likely at isolated places over Jammu & Kashmir, Himachal Pradesh and Uttarakhand. Thunderstorm accompanied with squall very likely at isolated places over Punjab, Haryana, Chandigarh & Delhi, West Uttar Pradesh, Sub-Himalayan West Bengal & Sikkim, South Interior Karnataka and Tamilnadu. Thunderstorm accompanied with gusty winds very likely at isolated places over East Uttar Pradesh. Heavy rain very likely at isolated places over Assam & Meghalaya and Tripura. Dust storm/Thunderstorm very likely at isolated places over Uttar Pradesh and Rajasthan. Heat wave conditions likely at one or two pockets over Vidarbha.
- **08 May (Day 5):** Thunderstorm accompanied with squall likely at isolated places over Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Punjab, Haryana, Chandigarh & Delhi, West Uttar Pradesh, South Interior Karnataka and Tamilnadu. Thunderstorm accompanied with gusty winds likely at isolated places over East Uttar Pradesh and Kerala. Heavy rain very likely at isolated places over Tamilnadu, South Interior Karnataka and Kerala. Dust storm/ Thunderstorm at isolated places over Uttar Pradesh and Rajasthan. Heat wave conditions likely at one or two pockets over Vidarbha.

### Weather Outlook for subsequent 2 days from 9<sup>th</sup> to 11<sup>th</sup> May 2018

- Fairly widespread to widespread rain/thundershowers with isolated heavy falls likely over east & northeast India.
- Scattered to fairly widespread rain/thundershowers with isolated heavy rainfall likely over south peninsula.
- Isolated to scattered rain/thundershowers likely over Western Himalayan region and plains of northwest India.
- Dry weather likely over remaining parts of the country.

### Executive Summary

- As thunderstorm accompanied with squall and hail very likely at isolated places over Jammu & Kashmir, Himachal Pradesh and Uttarakhand on 6th and 7th May, 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 very likely at isolated places over Uttarakhand on 5th and 8th, over Punjab, Haryana, Chandigarh & Delhi, West Uttar Pradesh on 7th and 8th, over Jammu & Kashmir and Himachal Pradesh on 8th May, over West Bengal on 4th and over Sub-Himalayan West Bengal & Sikkim on 5th to 7th May, thunderstorm accompanied with gusty winds very likely at isolated places over over

Jammu & Kashmir, Himachal Pradesh on 4th and 5th, over Uttarakhand, Haryana, Chandigarh & Delhi on 5th, over Punjab on 4th, 5th and 6th, over West Uttar Pradesh on 6th and over East Uttar Pradesh on 7th and 8th, Bihar, Jharkhand, Sikkim and over Odisha on 4th , over Gangetic West Bengal on 5th May, over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura on 4th and 5th May ,duststorm/thunderstorm very likely at isolated places over Rajasthan on 4th, 5th, 7th and 8th, over Uttar Pradesh on 7th and 8th 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 safer places.

- As rain/thundershowers is likely at most/many places over Jammu & Kashmir and Himachal Pradesh from 5th to 8th, at many places over Uttarakhand from 6th to 8th, over Punjab on 7th and 8th, over Haryana, Chandigarh and Delhi on 8th May, most/many places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura during the period, at many places over Arunachal Pradesh from 5th to 7th May, along with heavy to very heavy rain at isolated places over South Assam & Meghalaya on 6th, heavy rain very likely at isolated places over Assam & Meghalaya on 5th and 7th, over Tripura from 5th to 7th May, over Sub-Himalayan West Bengal & Sikkim during the period and at many places over Andaman & Nicobar islands on 4th May , at many places over Kerala on 4th and 8th May, along with heavy rain very likely at isolated places over Tamilnadu and Kerala on 4th and 8th, over South Interior Karnataka on 8th May, avoid irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops. Avoid harvesting of matured crops and keep harvested produce at safer places.
- As thunderstorm accompanied with gusty winds very likely at isolated places over North West Madhya Pradesh on 4th May, over Telangana, Rayalaseema, north coastal Andhra Pradesh on 4th and 6th, over Interior Tamilnadu on 4th, over Kerala on 4th and 8th May, thunderstorm accompanied with squall very likely at isolated places over South Interior Karnataka and Tamilnadu on 7th and 8th May, provide support to banana, young fruit plants and vegetables to avoid lodging. Undertake propping in sugarcane.
- As heat wave conditions very likely in one or two pockets over Vidarbha on 6th, 7th and 8th May, apply light and frequent irrigation to summer crops, vegetables and orchards. Also apply mulch to conserve soil moisture. Spray 8% Kaolin to orange orchards to minimize evapotranspiration.

- 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.