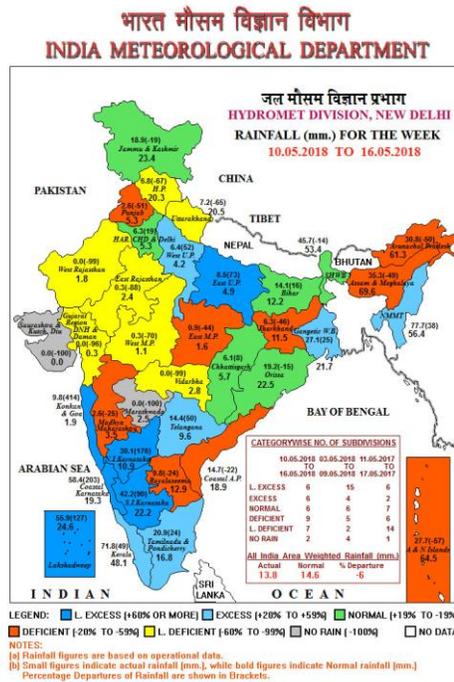
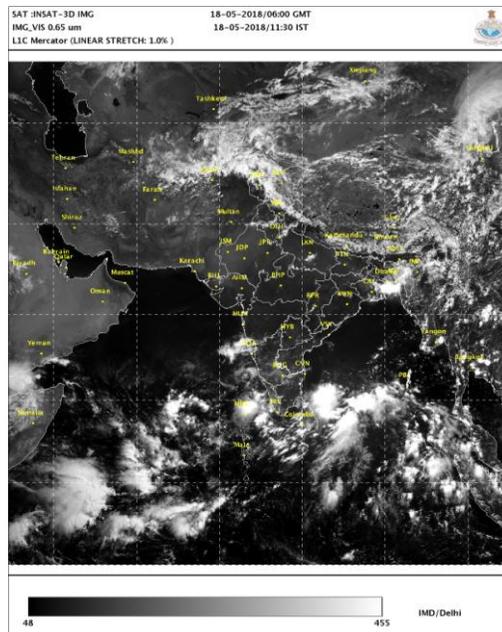


Rainfall map for the week ending 16.05.2018



- ◆ **Large Excess Rain:** East Uttar Pradesh, Konkan & Goa, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Lakshdweep
- ◆ **Excess Rain:** West Uttar Pradesh, Gangetic West Bengal, Nagaland, Manipur, Mizoram, Tripura, Telangana, Tamil Nadu & Puducherry, Kerala
- ◆ **Normal Rain:** Jammu & Kashmir, Haryana, Chandigarh & Delhi, Bihar, Sub-Himalayan West Bengal, Chhattisgarh, Odisha
- ◆ **Large Deficient Rain / Deficient Rain / No Rain:** Rest of the country

Satellite image 0600 UTC Dated 18.05.2018



Weather Forecast for next 5 days valid upto 0830 hours of 23rd May 2018

- Meteorological subdivision wise detailed 5 days rainfall forecast is given in Table below.
- No significant change in maximum temperature over West Madhya Pradesh during next 24 hours and rise by 2-3°C thereafter and no significant change in maximum temperature over the rest of the country during next 3 days.
- No significant change in maximum temperature over rest of the country during next 3 days.

5 Day Rainfall Forecast (Mid day)

18th May 2018

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

- **18 May (Day 1):** Thunderstorm accompanied with squall very likely at isolated places over Uttar Pradesh, East Rajasthan, Nagaland, Manipur, Mizoram & Tripura. Thunderstorm accompanied with gusty winds very likely at isolated places over Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, Madhya Pradesh, Vidarbhha, Chhattisgarh, West Bengal & Sikkim, Odisha, Assam & Meghalaya, Madhya Maharashtra, Konkan & Goa, Andhra Pradesh, Karnataka, Tamil Nadu, Kerala and Lakshadweep. Thunderstorm/ Dust storm very likely West Rajasthan. Heat wave conditions at some parts with severe heat wave at one or two pockets over Vidarbhha; heat wave conditions at one or two pockets over West Rajasthan, Madhya Pradesh and Gujarat. Heavy to very heavy rain at a isolated places over Nagaland, Manipur,

Mizoram & Tripura and heavy rain at isolated places over Assam & Meghalaya, South Interior Karnataka, Kerala and Lakshadweep. Gale winds speed reaching 75-85 kmph gusting to 95 kmph is very likely around the centre of the cyclone covering Gulf of Aden and adjoining areas of west central and southwest Arabian sea during next 12 hrs and gradually decrease thereafter becoming 65-75kmph gusting to 85 kmph during subsequent 12 hours. Fishermen are advised not to venture into Gulf of Aden and adjoining areas of west central and southwest Arabian sea during the next 48 hours.

- **19 May (Day 2):** Thunderstorm accompanied with squall very likely at isolated places over Uttar Pradesh. Thunderstorm accompanied with gusty winds very likely at isolated places over Jammu & Kashmir, Himachal Pradesh, Haryana, Chandigarh & Delhi, East Rajasthan, Assam & Meghalaya, Coastal Andhra Pradesh, Coastal Karnataka, South Interior Karnataka, Tamil Nadu, Kerala and Lakshadweep. Thunderstorm/Dust storm very likely West Rajasthan. Heat wave conditions at some parts with severe heat wave at one or two pockets over Vidarbha; heat wave conditions at one or two pockets over West Rajasthan, Madhya Pradesh and Gujarat. Heavy rain at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Coastal Karnataka, South Interior Karnataka, Kerala and Lakshadweep. Gale winds speed reaching 75-85 kmph gusting to 95 kmph is very likely around the centre of the cyclone covering Gulf of Aden and adjoining areas of west central and southwest Arabian sea during next 12 hrs and gradually decrease thereafter becoming 65-75 kmph gusting to 85 kmph during subsequent 12 hours. Fishermen are advised not to venture into Gulf of Aden and adjoining areas of west central and southwest Arabian sea during the next 48 hours.
- **20 May (Day 3):** Thunderstorm accompanied with squall very likely at isolated places over Gangetic West Bengal. Thunderstorm accompanied with gusty winds very likely at isolated places over Bihar, Odisha, South Interior Coastal Karnataka and Kerala. Heat wave conditions at some parts with severe heat wave at one or two pockets over Vidarbha. Heavy rain at isolated places over Nagaland, Manipur, Mizoram & Tripura and South Interior Karnataka.
- **21 May (Day 4):** Thunderstorm accompanied with gusty winds very likely at isolated places over Sub-Himalayan West Bengal & Sikkim.
- **22 May (Day 5):** Thunderstorm accompanied with gusty winds very likely at isolated places over Sub-Himalayan West Bengal & Sikkim.

Weather Outlook for subsequent 2 days from 23rd to 25th May 2018

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

Executive Summary

- As thunderstorm accompanied with squall very likely at isolated places over **Uttar Pradesh** on 18th and 19th, over **East Rajasthan** on 18th, over **Gangetic West Bengal** on 20th, thunderstorm accompanied with gusty winds very likely at isolated places over **Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi** on 18th and 19th, over **East Rajasthan** on 19th, over **West Bengal & Sikkim** on 18th, over **Odisha** on 18th & 20th, over **Bihar** on 20th, over **Sub-Himalayan West Bengal & Sikkim** on 20th & 21st over **Nagaland, Manipur, Mizoram & Tripura** on 18th, over **Assam & Meghalaya** on 18th and 19th, over **Madhya Pradesh, Chhattisgarh, Vidarbha, Madhya Maharashtra, Konkan & Goa** on 18th, over **Tamil Nadu** on 18th and 19th, over **Kerala** from 18th to 20th, over **Andhra Pradesh and Karnataka** on 18th, over **South Interior Karnataka** on 19th and 20th, over **Coastal Andhra Pradesh and Coastal**

Karnataka on 19th May, thunderstorm/duststorm very likely at isolated places over **West Rajasthan** on 18th and 19th, 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 rain/thundershowers likely at many places over **Jammu & Kashmir** on 18th and 19th and over **Himachal Pradesh** on 18th, over **Andaman & Nicobar** islands from 18th to 20th and 22nd and over **Sub-Himalayan West Bengal & Sikkim** on 18th & 22nd May, rain/thundershowers likely at most/many places over **Nagaland, Manipur, Mizoram & Tripura** during the period, at many places over **Assam & Meghalaya** from 20th to 22nd and over **Arunachal Pradesh** on 21st and 22nd May, along with heavy to very heavy/heavy rain at a isolated places over **Nagaland, Manipur, Mizoram & Tripura** from 18th to 20th, heavy rain at isolated places over **Assam & Meghalaya** on 18th and 19th May, rain/thundershowers likely at many places over **Kerala** on 19th, over **South Interior Karnataka** from 19th to 22nd, over **Coastal Karnataka** on 18th and 19th May, along with heavy rain very likely at isolated places over South Interior Karnataka from 18th to 20th, over Kerala on 18th and 19th and over Coastal Karnataka on 19th May, avoid irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops. Avoid water logging in ginger, turmeric, pulses and vegetable fields in Nagaland, Manipur, Mizoram & Tripura.
- As heat wave conditions very likely at one or two pockets over **West Rajasthan, Madhya Pradesh, Vidarbha** and **Gujarat** on 18th and 19th, heat wave conditions at some parts with severe heat wave at one or two pockets over **Vidarbha** on 20th May, apply light and frequent irrigation to the standing crops to cope up with the excess evaporative demand due to heat wave conditions, undertake mulching with straw/polythene to conserve soil moisture. In South Gujarat, apply light and frequent irrigation in groundnut and pulse crops. Provide drip irrigation in fruit crops. Undertake mulching in crop fields to conserve soil moisture. Protect banana bunch with plastic sheets.
- As gale winds speed reaching 75-85 kmph gusting to 95 kmph is very likely around the centre of the cyclone covering Gulf of Aden and adjoining areas of west central and southwest Arabian sea during next 12 hrs and gradually decrease thereafter becoming 65-75 kmph gusting to 85 kmph during subsequent 12 hours. Fishermen are advised not to venture into Gulf of Aden and adjoining areas of westcentral and southwest Arabian sea during the next 48 hours.
- In view of the prevailing heat wave conditions in **West Rajasthan, Madhya Pradesh, Vidarbha** and **Gujarat**; 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.