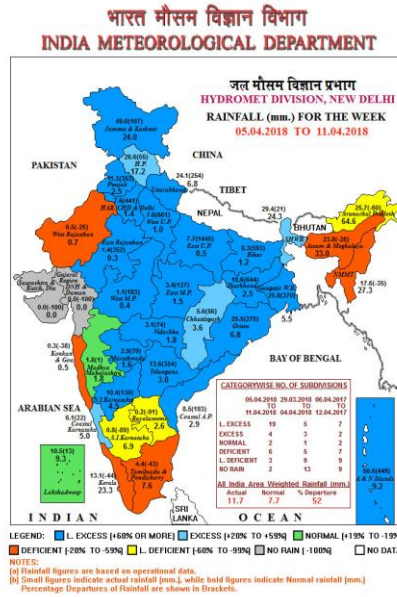


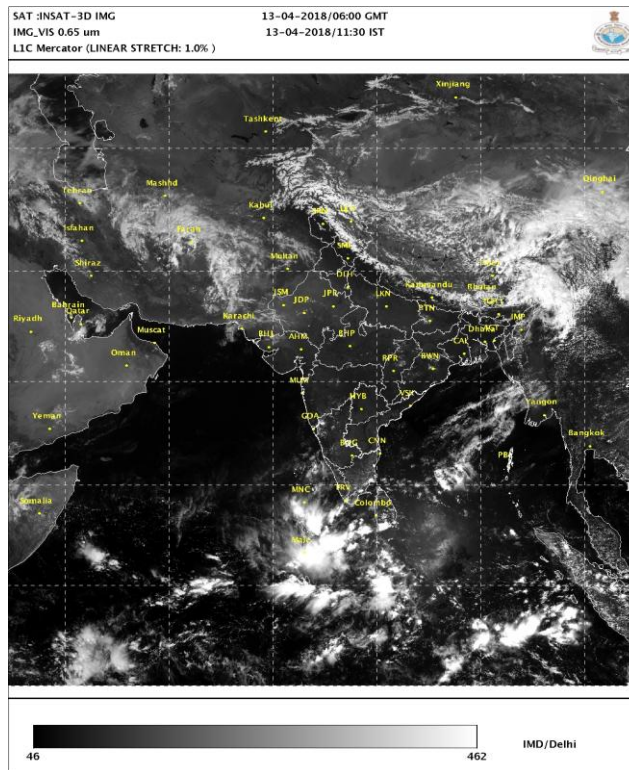
Inputs for Krishi Darshan, New Delhi dated 13.04.2018

Rainfall map for the week ending 11.04.2018



- ◆ **Large Excess Rain:** Jammu & Kashmir, Punjab, Haryana, Chandigarh & Delhi, Uttarakhand, East Uttar Pradesh, West Uttar Pradesh, East Rajasthan, East Madhya Pradesh, West Madhya Pradesh, Marathwada, Vidarbha, Bihar, Jharkhand, Odisha, Coastal Andhra Pradesh, Telangana, North Interior Karnataka, Gangetic West Bengal
- ◆ **Excess Rain:** Himachal Pradesh, Sub-Himalayan West Bengal, Chhattisgarh, Coastal Karnataka
- ◆ **Normal Rain:** Madhya Maharashtra, Lakshadweep
- ◆ **Large Deficient Rain / Deficient Rain / No Rain:** Rest of the country

Satellite image 0600 UTC Dated 13.04.2018



Weather Forecast for next 5 days valid up to 0830 hours of 18th April 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 West and Northwest India during next 2-3 days.
- No significant change in maximum temperatures likely over Central and East India during next 48 hours and rise by 2-3°C thereafter.
- No significant change in maximum temperatures likely over rest of the country during next 3 days.

5 Day Rainfall Forecast (Mid day) 13th April 2018

Met-Sub-Division	13-Apr Today	14Apr Sat	15Apr Sun	16Apr Mon	17Apr Tue
1. Andaman & Nicobar Islands	ISOL	DRY	DRY	ISOL	ISOL
2. Arunachal Pradesh	WS	SCT	SCT	SCT	FWS
3. Assam & Meghalaya	FWS	SCT	SCT	SCT	FWS
4. N. M. M. & T.	FWS	SCT	SCT	SCT	FWS
5. S.H. West Bengal & Sikkim	FWS	SCT	SCT	FWS	FWS
6. Gangetic West Bengal	SCT	ISOL	ISOL	ISOL	ISOL
7. Odisha	SCT	ISOL	ISOL	ISOL	ISOL
8. Jharkhand	ISOL	ISOL	DRY	DRY	ISOL
9. Bihar	ISOL	DRY	DRY	DRY	DRY
10. East Uttar Pradesh	DRY	DRY	DRY	DRY	DRY
11. West Uttar Pradesh	DRY	DRY	DRY	DRY	DRY
12. Uttarakhand	ISOL	DRY	DRY	ISOL	ISOL
13. Haryana, Chd & Delhi	DRY	DRY	DRY	ISOL	ISOL
14. Punjab	DRY	DRY	DRY	ISOL	ISOL
15. Himachal Pradesh	DRY	DRY	ISOL	SCT	ISOL
16. Jammu & Kashmir	DRY	DRY	ISOL	FWS	SCT
17. West Rajasthan	ISOL	DRY	DRY	ISOL	DRY
18. East Rajasthan	ISOL	DRY	DRY	DRY	DRY
19. West Madhya Pradesh	ISOL	ISOL	DRY	DRY	ISOL
20. East Madhya Pradesh	SCT	ISOL	DRY	DRY	DRY
21. Gujarat Region	ISOL	DRY	DRY	DRY	DRY
22. Saurashtra & Kutch	ISOL	DRY	DRY	DRY	DRY
23. Konkan & Goa	DRY	DRY	ISOL	ISOL	ISOL
24. Madhya Maharashtra	DRY	DRY	ISOL	ISOL	ISOL
25. Marathwada	DRY	DRY	ISOL	ISOL	ISOL
26. Vidharbha	ISOL	ISOL	DRY	DRY	DRY
27. Chhattisgarh	SCT	ISOL	ISOL	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	ISOL	ISOL	ISOL	ISOL	ISOL
32. Coastal Karnataka	SCT	FWS	ISOL	ISOL	ISOL
33. North Interior Karnataka	ISOL	ISOL	ISOL	SCT	SCT
34. South Interior Karnataka	FWS	FWS	SCT	ISOL	ISOL
35. Kerala	FWS	FWS	SCT	ISOL	ISOL
36. Lakshadweep	FWS	FWS	ISOL	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 Widespred (FWS/ Many Places)	1-25	Isolated (ISOL)
No Rain	Dry		

Weather Warning during next 5 days

- **13 April (Day 1):** Heavy rain very likely at isolated places over Assam & Meghalaya, Arunachal Pradesh, Kerala and Tamilnadu. Thunderstorm accompanied with squall very likely at isolated places over Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim, Nagaland, Manipur, Mizoram & Tripura, Kerala and Tamil Nadu. Thunderstorm accompanied with gusty winds very likely at isolated places over Jharkhand, Gangetic West Bengal, Odisha, Coastal & South Interior Karnataka, Coastal Andhra Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh. Squally weather with wind speed occasionally reaching 40-50 kmph very likely to prevail over Comorin Maldives area. Fishermen are advised not to venture into these areas.
- **14 April (Day 2):** Heavy rain very likely at isolated places over Kerala. Thunderstorm accompanied with squall very likely at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura Kerala and Lakshadweep. Thunderstorm accompanied with gusty winds very likely at isolated places over Sub-Himalayan West Bengal & Sikkim, Odisha, Coastal & South Interior Karnataka, Coastal Andhra Pradesh, Rayalaseema and Tamil Nadu. Squally weather with wind speed occasionally reaching 40-50 kmph very likely to prevail over Maldives, Lakshadweep area. Fishermen are advised not to venture into these areas.
- **15 April (Day 3):** Thunderstorm accompanied with squall very likely at isolated places over Assam & Meghalaya. Thunderstorm accompanied with gusty winds very likely at isolated places over Odisha and North Interior Karnataka.
- **16 April (Day 4):** Thunderstorm accompanied with squall and Hail likely at isolated places over Jammu & Kashmir and Himachal Pradesh. Thunderstorm accompanied with squall likely at isolated places over Uttarakhand. Thunderstorm accompanied with gusty winds likely at isolated places over North Interior Karnataka.
- **17 April (Day 5):** No weather warning.

Weather Outlook for subsequent 2 days from 18th to 20th April 2018

- Scattered to fairly widespread rain/thundershower likely over Western Himalayan region and fairly widespread to widespread over northeast India.
- Isolated to scattered precipitation likely over south peninsula.
- Dry weather likely over remaining parts of the country.

Executive Summary

- As squally weather with wind speed occasionally reaching 40-50kmph very likely to prevail over **Comorin Maldives** area on 13th April and over **Maldives Lakshadweep** area on 14th April, fishermen are advised not to venture into these areas.
- As thunderstorm accompanied with squall and hail likely at isolated places over **Jammu & Kashmir and Himachal Pradesh** on 16th April, 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 16th, over **Sub Himalayan West Bengal & Sikkim** on 13th, over **Nagaland, Manipur, Mizoram & Tripura** on 13th and 14th, over **Assam & Meghalaya** from 13th to 15th, over **Kerala** on 13th and 14th, over **Tamil Nadu** on 13th April, thunderstorm accompanied with gusty winds very likely at isolated places over **Jharkhand and Gangetic West Bengal** on 13th, over **Sub Himalayan West Bengal & Sikkim** on 14th, over **Odisha** from 13th to 15th April and over **East Madhya Pradesh, Chhattisgarh and Vidarbha** on 13th, over **Coastal & South Interior Karnataka, Coastal Andhra Pradesh** on 13th and 14th, over **Rayalaseema and Tamil Nadu** on 14th, over **North Interior Karnataka** on 15th and 16th April, provide support to banana, young fruit

plants and vegetables and propping up in sugarcane to avoid the crops from lodging due to strong winds. Keep harvested crops at safer places.

- As rain/snow likely at many places over **Jammu & Kashmir** on 16th April, rain/thundershowers likely at most/many places over **Arunachal Pradesh** on 13th and 17th, at many places over **Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura** on 13th and 17th and **over Sub-Himalayan West Bengal & Sikkim** on 13th, 16th & 17th April along with heavy rain very likely at isolated places over Assam & Meghalaya and Arunachal Pradesh on 13th April, rain/thundershowers likely at many over **Kerala and South Interior Karnataka** on 13th and 14th and over **Coastal Karnataka** on 14th, along with heavy rain very likely at isolated places over Kerala on 13th and 14th, over Tamil Nadu on 13th April, avoid irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops. Keep harvested crops at safer places.
- Utilizing the realized and expected rainfall, continue sowing of *Ahu* and *Bau* rice in Assam. Continue sowing of summer green gram in **Gangetic West Bengal, Chhattisgarh and Punjab**.
- In **Vidarbha**, under the prevailing weather condition, apply irrigation to summer crops (groundnut, sesame, greengram etc) at 6 to 8 days interval. To reduce fruit drop in orange and sweet orange due to prevailing high temperature, spray Potassium Nitrate (10 g/liter of water) on pea sized fruits of mandarin orange (*ambia bahar*) and spray of NAA @ 2 g + Urea 1 kg per 100 liters of water in sweet orange.

- 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.