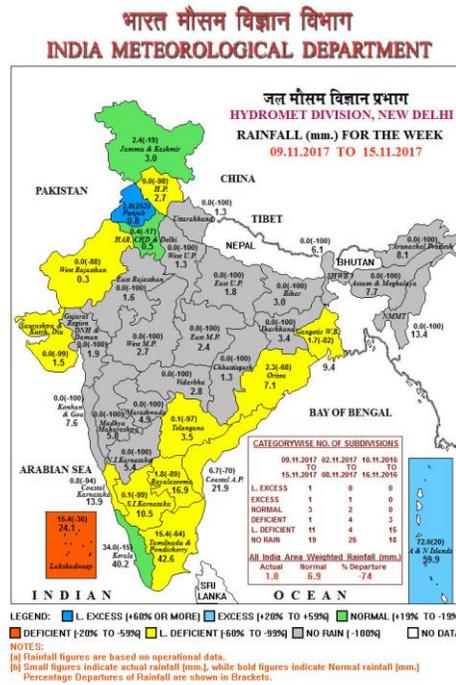


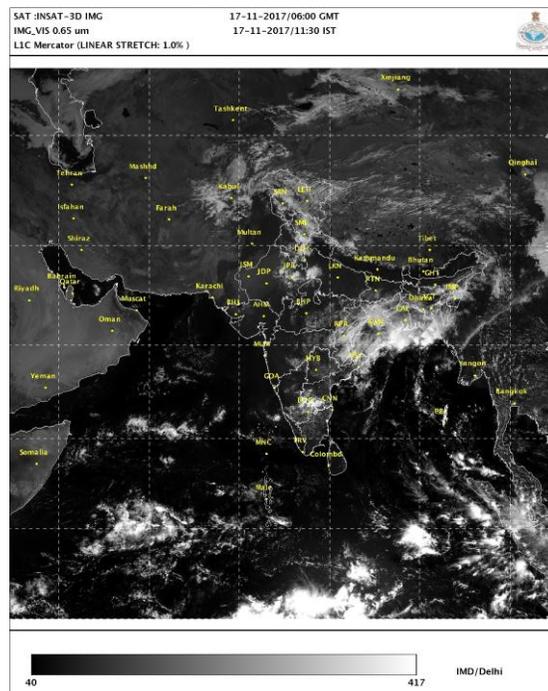
Inputs for Krishi Darshan, New Delhi dated 17.11.2017

Rainfall map for the week ending 15.11.2017



- ◆ **Large Excess Rain:** Punjab.
- ◆ **Excess Rain:** Andaman & Nicobar Islands.
- ◆ **Normal Rain:** Kerala, Haryana, Chandigarh, Delhi and Jammu & Kashmir.
- ◆ **Rainfall was Deficient / Low Deficient / Dry:** Rest of the region.

Satellite image 0600 UTC Dated 17.11.2017



Weather Forecast for next 5 days valid upto 0830 hours of 22nd November, 2017

- **Meteorological sub-division wise detailed 5 day rainfall forecast is given below.**
- No significant change in minimum temperatures very likely over Northwest & adjoining Central India during next 24 hours and fall by 2-4°C over Northwest India & by 2-3°C over adjoining parts of Central India thereafter.
- Shallow to moderate fog at isolated places in the morning hours very likely over Punjab, northwest Haryana, north Rajasthan and Nagaland, Manipur, Mizoram & Tripura during next 3 days, Bihar, Arunachal Pradesh and Assam & Meghalaya from 18th November.

- **5 Day Rainfall Forecast (Mid day)**
17th November 2017

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

% 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

- **17 November (Day 1):** Heavy rain at isolated places very likely over north coastal Odisha, coastal Gangetic

West Bengal and Tamilnadu. Squally winds speed reaching 40-50kmph gusting to 60 kmph very likely to prevail along & off **Odisha and West Bengal** coasts during next 12 hours.

- **18 November (Day 2):** No weather warning.
- **19 November (Day 3):** No weather warning.
- **20 November (Day 4):** No weather warning.
- **21 November (Day 5):** No weather warning.

Weather Outlook for subsequent 2 days from 22nd to 24th November, 2017

- Rain at a few places likely over southern peninsular India and Andaman & Nicobar islands.
- Weather is likely to be dry over the remaining parts of the country.

Executive Summary

- As rain is likely at many places with heavy rain at isolated places very likely over **north coastal Odisha** and **coastal Gangetic West Bengal** on 17th November and also heavy rain at isolated places very likely over **Tamilnadu** on 17th November, avoid intercultural operation and application of plant protection measures and fertilizers to the standing crops. Provide adequate drainage in standing crop fields to avoid water stagnation.
- In the Problem Area Zone of **Kerala**, undertake wet sowing of rice after seed treatment with Pseudomonas.
- In the Western Zone of **Tamil Nadu**, undertake sowing for bengal gram under rain fed situation considering the available soil moisture
- As shallow to moderate fog at isolated places in the morning hours very likely over **Punjab, northwest Haryana, north Rajasthan and Nagaland, Manipur, Mizoram & Tripura** during next 3 days, **Bihar, Arunachal Pradesh and Assam & Meghalaya** from 18th November, monitor the standing crops for incidence and spread of pest diseases, tomato and onion crops for early/late blight disease. If symptoms are noticed, undertake plant protection measures.
- Under the prevailing weather conditions, land preparation/sowing of following rabi crops are advised in different States/Agroclimatic Zones as given below:
 - **Wheat:** Continue land preparation and sowing in Punjab, Haryana, Delhi, in Bhal and Coastal Zone of Gujarat, in Irrigated North Western Plain Zone, in Southern Plain Zone and in Sub Humid Southern Plain and Aravali Hill Zone of Rajasthan, in Jammu & Kashmir, South Interior Karnataka, Madhya Maharashtra, Marathwada and Madhya Pradesh under sufficient soil moisture condition. As rain/snow is likely at few places over Jammu and Kashmir and Himachal Pradesh during next 48 hours, care may be taken for decision in sowing.
 - **Bengal gram:** Continue sowing of gram in Madhya Maharashtra, Marathwada, Vidarbha, Jharkhand, Madhya Pradesh, Chhattisgarh, Rayalseema, Telangana, Rajasthan (Western Plain Zone) and Punjab. Continue sowing in Jharkhand, Madhya Pradesh and Chhattisgarh. Complete sowing of gram in Madhya Maharashtra, Marathwada and Vidarbha
- As dry/mainly dry weather would prevail, continue harvesting of matured rice, pulses and cotton in **Punjab**.
- Continue harvesting of kharif rice in **Bihar and Jharkhand** in clear weather and continue harvesting of matured rice in **Odisha** after current spells of rain. Keep harvested produce in safer places.

- 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.