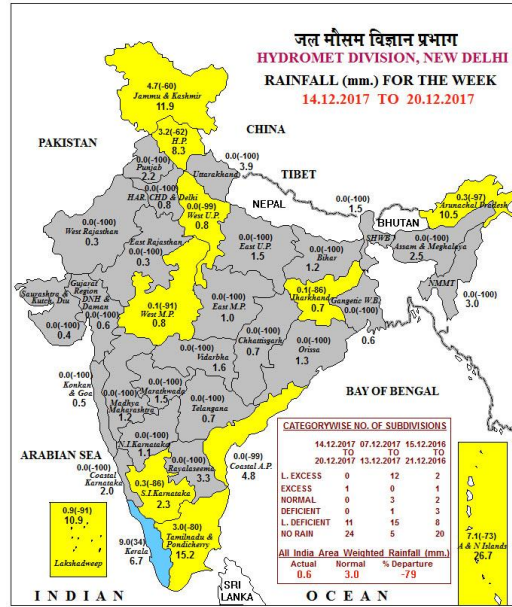


Inputs for Krishi Darshan, New Delhi dated 22.12.2017

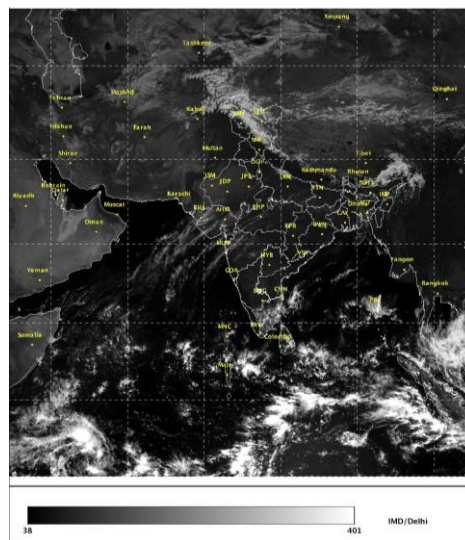
Rainfall map for the week ending 20.12.2017

भारत मौसम विज्ञान विभाग
INDIA METEOROLOGICAL DEPARTMENT



- ◆ Large Excess Rain: Nil.
- ◆ Excess Rain: Kerala.
- ◆ Normal Rain: Nil.
- ◆ Rainfall was Deficient / Low Deficient / Dry: Rest of the region.

Satellite image 0600 UTC Dated 22.12.2017



Weather Forecast for next 5 days valid upto 0830 hours of 27th December, 2017

- **Meteorological subdivision wise detailed 5 days rainfall forecast is given in Table below.**
- No significant change in minimum temperatures over entire country during next 24 hours. Minimum temperatures likely to fall by 2-4°C over thereafter during subsequent 48 hours over north Rajasthan, Haryana, Chandigarh & Delhi, Punjab, West Uttar Pradesh.
- Shallow to moderate fog at isolated places very likely over north Madhya Pradesh, Coastal Andhra Pradesh Arunachal Pradesh and Assam & Meghalaya during next 24 hours; Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh and Assam & Meghalaya during subsequent 24 hours and over SubHimalayan West Bengal & Sikkim for subsequent 24 hours.
- High waves in the range of 2.5-3.2 M along the west coast of Nicobar islands from Ten degree channel to Great Channel; 2.5-2.9 M along west coast of Andaman Islands from Ten degree channel to Coco Channel; 2.5-2.8 M along coast of Kerala from Vizhinjam to Kasargod; 2.5-2.7 M along coast of Andhra Pradesh from Dugarajapatnam to Baruva upto 2330 hours IST of today. Fishermen are advised to be cautious while venturing into the sea during the same period.
- High swell waves in the range of 2.0-2.1 M along coast of southern Tamilnadu from Kolachal to Kilakarai; 2.0-2.1 M along coast of Lakshadweep Islands from Minicoy to Bitra. Fishermen are advised to be cautious while venturing into the sea during the same period.

5 Day Rainfall Forecast (Mid day) 22nd December 2017

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

% 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

- **22 December (Day 1):** Dense to very dense fog at isolated places very likely over Uttar Pradesh; Dense fog at isolated places over Uttarakhand; Moderate to dense fog at isolated places very likely over Nagaland, Manipur, Tripura & Mizoram. Cold Wave Conditions at isolated places very likely over south Madhya Maharashtra, Marathwada, Telangana and North Interior Karnataka.
- **23 December (Day 2):** Dense to very dense fog at isolated places very likely over Uttarakhand and Uttar Pradesh; **Dense fog** at isolated places over Punjab and Haryana, Chandigarh & Delhi. Moderate to dense fog at isolated places very likely over Nagaland, Manipur, Tripura & Mizoram.
- **24 December (Day 3):** Heavy rain at isolated places very likely over Nicobar Islands. Dense fog very likely over Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh and north Rajasthan.
- **25 December (Day 4):** Heavy rain at isolated places very likely over Nicobar Islands.
- **26 December (Day 5):** No weather warning.

Weather Outlook for subsequent 2 days from 27th to 29th December, 2017

- Rainfall at isolated places likely over southern most peninsular India and light isolated precipitation likely over Jammu & Kashmir. Scattered to fairly widespread precipitation likely over Andaman & Nicobar Islands.
- Strong wind speed reaching 30-40 kmph gusting 50 kmph likely to prevail along & off Andaman & Nicobar islands during the period in association with likely formation of low pressure area over south Andaman sea & adjoining southeast Bay of Bengal around 25th December.
- Weather likely to be dry over remaining parts of the country.

Executive Summary

- As cold wave conditions very likely at isolated places over **South Madhya Maharashtra, Marathwada, Telangana** and **North Interior Karnataka** on 22nd December, apply light and frequent irrigation /sprinkler irrigation in the evening to protect the crops from cold injury. To protect young fruit plants from chilly winds, cover young fruit plants with straw/polythene sheets/gunny bags. Cover banana bunches with porous polythene bags in Marathwada.
- In **Telangana**, to overcome cold injury and for better nursery growth in rice, adopt the following measures: cover the nursery beds with polythene sheet during night and remove in the morning. Irrigate the nursery beds every day in the evening and let the water out in the morning.
- As high waves very likely in the range of 2.5-3.2 M along the west coast of **Nicobar islands** from Ten degree channel to Great Channel; 2.5-2.9 M along **west coast of Andaman Islands** from Ten degree channel to Coco Channel upto 2330 hours IST of today and high waves very likely in the range of 2.5-2.8 M along **coast of Kerala** from Vizhinjam to Kasargod; 2.5-2.7 M along coast of Andhra Pradesh from Dugarajapatnam to Baruva upto 2330 hours IST of today and high swell waves in the range of 2.0-2.1M along coast of **southern Tamilnadu** from Kolachal to Kilakarai, fishermen are advised to be cautious while venturing into the sea during the same period.
- As rainfall is very likely at many places over **Andman & Nicobar Islands** on 24th and 25th, along with heavy rain at isolated places very likely over Nicobar Islands on 24th December, avoid intercultural operation and application of plant protection measures and fertilizers to the standing crops.

- As dense to very dense/dense fog at isolated places very likely over **Uttar Pradesh** on 22nd to 24th, over **Uttarakhand** on 22nd and 23rd, dense fog at isolated places over **Punjab, Haryana, Chandigarh & Delhi** on 23rd and 24th and over **north Rajasthan** on 24th, moderate to dense fog at isolated places very likely over **Nagaland, Manipur, Tripura & Mizoram** on 22nd and 23rd December, 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.
- As mainly dry/dry weather would prevail, continue harvesting of Sali rice in **Assam, Meghalaya** and picking of cotton in **Gujarat and North Interior Karnataka**.
- In **Telangana and North Interior Karnataka**, in view of the cold wave conditions on 22nd December, keep animals inside the sheds during night and provide dry bedding to protect them from cold. Increase protein level and minerals in the feed concentrate to keep the animals healthy to cope up with the situation. In Poultry, keep the chicks warm by providing artificial light in the poultry sheds.

- 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.