

Wednesday, 22nd Nov 2017 (1st Agrahayana 1939 Saka)

Summary of observations recorded at 0830 hrs.: The low pressure area over Andaman Sea and neighbourhood persists. Associated cyclonic circulation extends upto 3.1 kms a. s. l. The trough of low at mean sea level from Comorin area to Goa coast now lies over Lakshadweep area and neighbourhood. The feeble western disturbance as an upper air cyclonic circulation over north Pakistan and neighbourhood now lies over Jammu & Kashmir and neighbourhood at 3.1 kms a. s. l. System is likely to move east-northeastwards.

Night temperatures were appreciably to markedly below normal in some parts of Gangetic West Bengal; appreciably below normal in some parts of Assam & Meghalaya, Bihar, Uttar Pradesh, Jammu & Kashmir, east Rajasthan and of Saurashtra & Kutch and were below normal in some parts of Haryana, Chandigarh & Delhi, Punjab, Himachal Pradesh and of west Rajasthan and in remaining parts of Gangetic West Bengal, Uttar Pradesh, Jammu & Kashmir and of east Rajasthan. They were markedly above normal in some parts of Madhya Pradesh, Madhya Maharashtra, Marathwada and of Vidarbha; appreciably to markedly above normal in some parts of Telangana; appreciably above normal in some parts of Arunachal Pradesh, Odisha, Konkan & Goa, coastal Andhra Pradesh, Rayalaseema, Tamil Nadu and of coastal & north interior Karnataka and in remaining parts of Assam & Meghalaya, Madhya Pradesh, Madhya Maharashtra, Marathwada and of Vidarbha and were above normal in some parts of Sub-Himalayan West Bengal & Sikkim, Gujarat Region, south interior Karnataka and of Kerala and in remaining parts of Tamil Nadu. They were normal over the rest of the country. **The lowest minimum temperature recorded was 4.5°C at Sikar (east Rajasthan) & Churu (west Rajasthan).**

Cold wave conditions prevailed at isolated places over east Rajasthan.

Moderate to dense fog observed at isolated places over Himachal Pradesh, Uttarakhand, Punjab, Haryana, Chandigarh & Delhi, East Uttar Pradesh, Odisha and Assam & Meghalaya in the morning hrs.

Indian Regions	Realised rainfall & Chief amounts (in cms) during past 24 hrs
East	isolated places: Arunachal Pradesh*, Assam & Meghalaya, Nagaland-Manipur-Mizoram-Tripura*. dry weather: West Bengal & Sikkim, Odisha, Jharkhand, Bihar. Sivasagar 0.4, Neamatighat 0.3, Tuting 0.2, Anini AWS & Wokha AWS 0.1 each.
North	isolated places: east Rajasthan. dry weather: Uttar Pradesh, Uttarakhand, Haryana, Punjab, Himachal Pradesh, Jammu & Kashmir, west Rajasthan. Sawai Madhopur 0.4.
Central	isolated places: Madhya Pradesh*, Vidarbha. dry weather: Chhattisgarh. Warud 1.8, Tiwsa 1.0, Amraoti & Buldhana 0.5 each, Chindwara 0.2, Betul 0.1.
Peninsula	a few places: Tamil Nadu, Kerala; isolated places: Madhya Maharashtra, Marathwada*, coastal Andhra Pradesh, Telangana, Rayalaseema. dry weather: Gujarat State, Konkan & Goa, Karnataka State. Konni & Parola 5.2 each, Punalur 4.5, Sankarankoil 2.2, Kovilpatti AWS 1.9, Kodaikanal 1.7, Racherla 1.4, Makloor 1.3, Mundlamuru 1.1, Bhadgaon 1.0, Pune (Lohogaon) 0.6, Gudur & Kochi AP 0.5 each, Nizamabad 0.4.
Islands	most places: Andaman & Nicobar. dry weather: Lakshadweep. Long Islands 5.2, Port Blair 3.0.

Legends: + = heavy rain at isolated places ◆ = light rain.

Meteorological Office, Pune

Issued at 1245 hrs. IST

For Head, Climate Monitoring & Analysis Group,
Climate Research Division, Pune

Sub Division	Forecast Distribution of Rain / thundershowers for 5 days (Valid from Time of Origin upto 0830 hrs IST of next day)				
	Day 1	Day 2	Day 3	Day 4	Day 5
	22 nd Nov.	23 rd Nov.	24 th Nov.	25 th Nov.	26 th Nov
1) Andaman / Nicobar Islands	W€	W€	W	W	Fw
2) Arunachal Pradesh	Iso	Dry	Dry	Iso	Iso
3) Assam & Meghalaya	Dry€	Iso€	Dry€	Dry	Dry
4) Nagaland-Manipur-Mizoram-Tripura	Iso€	Iso€	Iso€	Iso	Dry
5) Sub-Himalayan 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, Chandigarh & Delhi	Dry	Dry	Dry	Dry	Dry
14) Punjab	Dry	Dry	Dry	Dry	Dry
15) Himachal Pradesh	Dry	Dry	Dry	Dry	Dry
16) Jammu & Kashmir	Dry	Dry	Dry	Iso	Iso
17) west Rajasthan	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	Iso	Dry	Dry	Dry	Dry
21) Gujarat Region	Dry	Dry	Dry	Dry	Dry
22) Saurashtra / Kutch	Dry	Dry	Dry	Dry	Dry
23) Konkan & Goa	Iso	Iso(south)	Dry	Dry	Dry
24) Madhya Maharashtra	Iso	Iso(south)	Dry	Dry	Dry
25) Marathwada	Iso	Dry	Dry	Dry	Dry
26) Vidarbha	Dry	Dry	Dry	Dry	Dry
27) Chhattisgarh	Dry	Dry	Dry	Dry	Dry
28) coastal Andhra Pradesh	Dry	Dry	Dry	Iso	Iso
29) Telangana	Dry	Dry	Dry	Dry	Dry
30) Rayalaseema	Dry	Dry	Dry	Dry	Dry
31) Tamil Nadu & Puducherry	Sc€	Iso€	Iso	Iso	Sc€
32) coastal Karnataka	Iso	Iso	Iso	Dry	Dry
33) north interior Karnataka	Iso	Dry	Dry	Dry	Dry
34) south interior Karnataka	Iso	Iso	Dry	Dry	Dry
35) Kerala	Sc	Iso	Iso	Iso	Iso
36) Lakshadweep	Iso	Iso	Iso	Iso	Dry

Legends: Probability of occurrence may be taken as **very likely** (probability between 51 & 75%), unless specified otherwise €.....Weather warning on page 3.

Weather Warning[€] (valid upto 0830 hrs IST of next day):

Day 1 (22nd Nov.): Heavy rain at isolated places is very likely over Andaman & Nicobar Islands and south coastal Tamil Nadu & Puducherry.

Cold wave conditions at isolated places is very likely over Uttar Pradesh and east Rajasthan.

Moderate to dense fog at isolated places is very likely over Assam & Meghalaya and Nagaland-Manipur-Mizoram-Tripura.

Day 2 (23rd Nov.): Heavy rain at isolated places is likely over Andaman & Nicobar Islands and south coastal Tamil Nadu.

Cold wave conditions at a isolated places is very likely over east Uttar Pradesh.

Shallow to moderate fog at isolated places is very likely over Assam & Meghalaya and Nagaland-Manipur-Mizoram-Tripura.

Day 3 (24th Nov.): Shallow to moderate fog at isolated places is very likely over Assam & Meghalaya and Nagaland-Manipur-Mizoram-Tripura.

Day 4 (25th Nov.): Nil.

Day 5 (26th Nov.): Heavy rain at isolated places is likely over south coastal Tamil Nadu.

Weather Outlook for the subsequent 2 days (27th & 28th Nov. 2017):

Rain at most places likely over Andaman & Nicobar islands, at a few places likely over southern most peninsular India and northeast India. Isolated rain/snow likely over Western Himalayan region. Weather is likely to be dry over the remaining parts of the country.

Pune, Lohegaon and Pashan observations at 0830 hrs. IST of Today												
	Temperature (°C)					Humidity (%)				Rainfall (mm)		
	Max. past 24 hrs	Dep. from normal	Min. past 24 hrs.	Dep. from normal	Dry bulb	At 0830 hrs. IST	Dep. From normal	At 1730 hrs. IST of y'day	Dep. from normal	Past 24 hrs.	Since 1 st Oct.	Dep. from normal
PNE	30.4	+0.6	19.5	+6.1	21.8	98	+22	87	+42	1.2	194.2	+90.4
LHG	30.3	+0.3	20.2	+6.2	22.8	91	+27	65	+29	6.0	115.9	+10.4
PSN	30.2	-	19.0	-	20.8	95	-	86	-	2.8	114.3	-
Local (Pune and neighbourhood) forecast												
Date	Max. Temp. (°C)	Min. Temp. (°C)	Weather									
22.11.2017	31	19.5*	Rain is likely.									
23.11.2017	30	20	Rain is likely in some areas.									
24.11.2017	30	16	Partly cloudy skies.									
25.11.2017	30	13	Mainly clear skies.									
26.11.2017	30	12	Mainly clear skies.									
27.11.2017	29	14	Mainly clear skies.									
28.11.2017	29	14	Mainly clear skies.									

Legends: * = Realised minimum temperature.

Description:-	% of stations reporting weather
Widespread (W)	76 - 100
Fairly widespread (Fw)	51 - 75
Scattered (Sc)	26 - 50
Isolated (Iso)	1 - 25
Dry	No Rain
Probability Terms in %:	
unlikely	< 25
likely	between 25 & 50
very likely	between 51 & 75
most likely	>75

Rainfall / Snowfall Intensity:

Descriptive term	Rainfall amount in mms
Very light rain	trace to 2.4
Light rain	2.5 to 15.5
Moderate rain	15.6 to 64.4
Heavy rain	64.5 to 115.5
Very heavy rain	115.6 to 204.4
Extremely heavy rain	≥ 204.5
Heavy snow	6.5 to 11.5 cms water equivalent of rain
Very heavy snow	11.6 to 20.4 cms water equivalent of rain