

Friday, 26th May 2017 (5th Jyaistha 1939 Saka)

Summary of observations recorded at 0830 hrs: The Southwest Monsoon has further advanced into southern parts of Comorin area and some more parts of southwest, southeast and eastcentral Bay of Bengal. The Northern Limit of Monsoon (NLM) passes through Lat.5°N/Long.76°E, Lat.8°N / Long.83°E, Lat.10°N / Long.86°E, Lat.14°N / Long.92°E and Lat.16°N / Long.95°E. Under the influence of the low pressure area over southeast Bay of Bengal & adjoining central Bay of Bengal, which is likely to become more marked during next 2-3 days, conditions are becoming favourable for further advance of southwest monsoon into some more parts of southwest & eastcentral Bay of Bengal, remaining parts of southeast Bay of Bengal in coming 4-5 days. Conditions are also favourable for the advance of southwest monsoon into northeast segment of India covering Nagaland, Manipur, Mizoram & Tripura during 30-31 May 2017. With the strengthening of westerlies and northward shift of shear zone, conditions are also becoming favourable for the advance of southwest monsoon into some parts of south Arabian sea, entire Maldives-Comorin area and south Kerala during 30-31 May 2017. The low pressure area over southeast Bay of Bengal and adjoining areas of central Bay of Bengal persists. Associated cyclonic circulation extends upto 5.8 kms a. s. l. It is likely to become more marked over east central Bay of Bengal during next 48 hrs. The cyclonic circulation extending upto 1.5 kms a. s. l. over western parts of westcentral Arabian Sea and neighbourhood persists. A trough extending upto 0.9 kms a. s. l. runs from northwest Rajasthan to Vidarbha across Madhya Pradesh. The cyclonic circulation extending upto 0.9 km a. s. l. over southeast Uttar Pradesh and neighbourhood now lies over Jharkhand and adjoining Bihar. The trough from the above system to north interior Karnataka has become less marked. A cyclonic circulation extending upto 0.9 km a. s. l. lies over north interior Karnataka and neighbourhood. The cyclonic circulation over eastern parts of Assam and neighbourhood has become less marked. The western disturbance as an upper air cyclonic circulation over eastern parts of Jammu & Kashmir has moved away east-northeastwards.

Heat wave conditions prevailed at a few places in Vidarbha and at isolated places in Telangana.

Day temperatures were markedly above normal in some parts of west Rajasthan; appreciably above normal in Nagaland-Manipur-Mizoram-Tripura, Jammu & Kashmir, Marathwada and of north interior Karnataka; in some parts of Gangetic West Bengal, Odisha, Jharkhand, Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, Punjab, Himachal Pradesh, Madhya Maharashtra and of Rayalaseema and in remaining parts of Vidarbha and were above normal in some parts of Assam & Meghalaya, Bihar, east Rajasthan, Madhya Pradesh, Gujarat state, Konkan & Goa, Chhattisgarh, Tamil Nadu, coastal & south interior Karnataka and of Kerala and in remaining parts of Sub-Himalayan West Bengal & Sikkim, east Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, Punjab, west Rajasthan and of Telangana. They were markedly below normal in some parts of Arunachal Pradesh and in remaining parts of Assam & Meghalaya and were below normal in some parts of coastal Andhra Pradesh and in remaining parts of Tamil Nadu. They were normal over the rest of the country. **The highest maximum temperature recorded over the plains was 47.0°C at Chandrapur (Vidarbha).**

Indian Regions	Realised rainfall & Chief amounts (in cms) during past 24 hrs: at
East	most places: Assam & Meghalaya [#] ; many places: Arunachal Pradesh; a few places: Sub-Himalayan West Bengal & Sikkim ⁺ , Bihar ⁺ ; isolated places: Nagaland-Manipur-Mizoram-Tripura, Gangetic West Bengal, Odisha, Jharkhand. <i>Williamnagar 22.4, Mawsynram 10.8, Cherrapunji 8.3, Barobhisha & Supaul 6.5 each, Similiguda 5.5, Madhwapur 5.3, Jangipur 4.8, Labpur 3.6, Majitar & Naharlagun 3.1 each, Sabour 2.8, Itanagar 1.9, Cooch Behar 1.7, Phek AWS 1.5, Chottabekra 1.3, Passighat 1.2, Tentulikhunti 1.0, Palkot 0.5, Kailashahar 0.4, Hiranpur, Koraput, Moharo & Titlagarh 0.3 each.</i>
North	a few places: Uttarakhand; isolated places: east Uttar Pradesh, Himachal Pradesh, east Rajasthan. dry weather: west Uttar Pradesh, Haryana, Punjab, Jammu & Kashmir, west Rajasthan. <i>Renuka / Dadhau 3.3, Chaukhutia 3.0, Gairsain 2.8, Jubbal 2.0, Udaipur 1.1, Sultanpur 0.9, Tehri 0.7, Kherwara 0.6.</i>
Central	isolated places: west Madhya Pradesh, east Madhya Pradesh [*] , Chhattisgarh. dry weather: Vidarbha. <i>Khachrod 4.6, Dhar 1.1, Jagdalpur 0.5, Indore, Satna 0.1.</i>
Peninsula	many places: Kerala; isolated places: Madhya Maharashtra, coastal Andhra Pradesh [*] , Telangana, Rayalaseema, Tamil Nadu, Karnataka State. dry weather: Gujarat State, Konkan & Goa, Marathwada. <i>Rayakottah 6.1, Kollam Rly 5.2, Kochi AP 4.7, Pollachi 4.6, M M Hills 2.7, Punganur 2.6, Dharmapuri 1.8, Yacharam & Yelandur 1.2 each, Mangaluru 1.0, Khatav Vaduj & Mahabaleshwar 0.8 each, Malegaon 0.5, Afzalpur HMS 0.4, Badvel, Kollapur & Madurai AP 0.3 each, Paderu & Puttur HMS 0.2 each, Agumbe 0.1.</i>
Islands	most places: Andaman & Nicobar; a few places: Lakshadweep. <i>Port Blair 4.5, Car Nicobar IAF 3.4, Minicoy 1.1.</i>

Legends: # = heavy to very heavy rain at a few places with extremely heavy rain at isolated places + = heavy rain at isolated places ◆ = very 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
	26 th May	27 th May	28 th May	29 th May	30 th May
1) Andaman / Nicobar Islands	W€	W€	W	W	W
2) Arunachal Pradesh	W	Fw€	Sc	Fw	W€
3) Assam & Meghalaya	Fw€	Fw€	Fw	W€	W€
4) Nagaland-Manipur-Mizoram-Tripura	Fw	Fw	W€	W€	W€
5) Sub-Himalayan West Bengal/Sikkim	W€	W€	Fw	Fw	Fw
6) Gangetic West Bengal	Sc€	Sc€	Sc€	Iso	Iso
7) Odisha	Iso€	Sc€	Sc	Sc	Iso
8) Jharkhand	Sc€	Sc€	Iso	Iso	Iso
9) Bihar	Sc€	Sc€	Sc	Sc	Sc
10) east Uttar Pradesh	Iso	Iso€	Fw€	Sc€	Sc
11) west Uttar Pradesh	Iso	Iso€	Sc€	Fw€	Iso
12) Uttarakhand ●/*	Sc€	Fw€	W€	W€	Fw
13) Haryana, Chandigarh & Delhi	Dry	Iso€	Sc€	Fw€	Iso
14) Punjab	Dry	Iso	Iso€	Sc€	Iso
15) Himachal Pradesh ●/*	Iso	Iso	Sc€	Sc€	Sc
16) Jammu & Kashmir ●/*	Iso	Iso	Iso	Iso	Iso
17) west Rajasthan	Dry€	Dry	Dry	Iso€	Dry
18) east Rajasthan	Dry€	Dry€	Iso€	Sc€	Iso€
19) west Madhya Pradesh	Iso	Iso	Iso	Iso	Sc
20) east Madhya Pradesh	Iso	Iso	Iso	Sc	Sc
21) Gujarat Region	Dry	Dry	Dry	Dry	Iso(south)
22) Saurashtra / Kutch	Dry	Dry	Dry	Dry	Iso(coastal)
23) Konkan & Goa(north/south)	Dry/Iso	Dry/Iso	Dry/Iso	Dry/Iso	Iso/Sc
24) Madhya Maharashtra(north/south)	Dry/Iso	Dry/Iso	Dry/Iso	Dry/Iso	Iso
25) Marathwada	Iso	Iso	Iso	Iso	Iso
26) Vidarbha	Iso€	Iso€	Iso	Iso	Iso
27) Chhattisgarh	Iso	Iso	Iso	Sc	Sc
28) coastal Andhra Pradesh	Iso€	Iso€	Iso	Iso	Sc
29) Telangana	Iso€	Iso€	Iso	Iso	Iso
30) Rayalaseema	Iso	Sc	Sc	Sc	Iso
31) Tamil Nadu & Puducherry	Iso	Iso	Iso	Sc	Sc
32) coastal Karnataka	Sc	Fw	Fw	Fw€	Fw€
33) north interior Karnataka	Iso	Iso	Sc	Sc	Sc
34) south interior Karnataka	Fw	Fw	W	W€	W€
35) Kerala	Fw	W€	W€	W€	W€
36) Lakshadweep	Fw	Fw	Fw	W€	W

Legends: ●/* = rain/snow, 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 (26th May): Heavy rain at isolated places is very likely over Andaman & Nicobar Islands, Assam & Meghalaya and Sub-Himalayan West Bengal & Sikkim.

Thundersquall at isolated places is very likely over Sub-Himalayan West Bengal & Sikkim, Odisha, Jharkhand, Bihar and Uttarakhand.

Thunderstorm with gusty winds at isolated places is very likely over Assam & Meghalaya, Gangetic West Bengal, north coastal Andhra Pradesh and Telangana.

Heat wave conditions at a few places are very likely over Vidarbha and at isolated places over Rajasthan.

Day 2 (27th May): Heavy rain at isolated places is very likely over Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim and Kerala.

Thundersquall at isolated places is very likely over Odisha, Jharkhand, Bihar, Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi and east Rajasthan.

Thunderstorm with gusty winds at isolated places is very likely over Gangetic West Bengal.

Heat wave conditions at isolated places are very likely over Vidarbha.

Day 3 (28th May): Heavy rain at isolated places is very likely over Nagaland-Manipur-Mizoram-Tripura, Uttarakhand and Kerala.

Thundersquall with hailstorm at isolated places is very likely over Uttar Pradesh, Uttarakhand and Haryana, Chandigarh & Delhi.

Thundersquall at isolated places is very likely over Gangetic West Bengal, Punjab, Himachal Pradesh and east Rajasthan.

Day 4 (29th May): Heavy rain at isolated places is likely over Assam & Meghalaya, Nagaland-Manipur-Mizoram-Tripura, Uttarakhand, coastal & south interior Karnataka, Kerala and Lakshadweep.

Thundersquall with hailstorm at isolated places is likely over west Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, Punjab and Himachal Pradesh.

Thundersquall at isolated places is likely over east Uttar Pradesh and Rajasthan.

Day 5 (30th May): Heavy to very heavy rain at isolated places is likely over Assam & Meghalaya and Nagaland-Manipur-Mizoram-Tripura and heavy rain at isolated places is likely over Arunachal Pradesh, coastal & south interior Karnataka and Kerala.

Thunderstorm with gusty winds at isolated places is likely over east Rajasthan.

Weather Outlook for the subsequent 2 days (31st May & 1st June 2017):

Widespread rainfall likely over northeast India and scattered to fairly widespread rainfall along the west coast and parts of central India. Isolated precipitation likely over the rest 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 Mar.	Dep. from normal
PNE	37.3	+ 1.1	24.6	+ 3.3	28.0	66	0	44	+ 3.0	0.0	6.5	- 41.6
LHG	38.0	+ 2.0	24.6	+ 3.6	28.1	60	- 6	41	+2.0	0.0	20.0	- 40.2
PSN	38.5	-	24.3	-	28.8	72	-	39	-	0.0	8.1	-

Local (Pune and neighbourhood) forecast

Date	Max. Temp. (°C)	Min. Temp. (°C)	Weather
26.05.2017	36	24.6*	Sky is very likely to be partly cloudy.
27.05.2017	37	24	Sky is very likely to be partly cloudy.
28.05.2017	37	25	Sky is very likely to be partly cloudy.
29.05.2017	36	24	Sky is likely to be partly cloudy.
30.05.2017	36	25	Sky is likely to be generally cloudy.
31.05.2017	36	25	Rain/thundershowers likely in some areas.
01.06.2017	36	24	Rain/thundershowers likely in some areas.

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