

National Weather Forecasting Centre India Meteorological Department Ministry of Earth Sciences

Tuesday 29 June 2021 MID-DAY

Time of Issue: 1315 hours IST

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

- ♦ The northern Limit of southwest monsoon (NLM) continues to pass through Lat. 26°N / Long. 70°E, Barmer, Bhilwara, Dholpur, Aligarh, Meerut, Ambala and Amritsar.
- Prevailing meteorological conditions, large scale atmospheric features and the forecast wind pattern by dynamical models suggest that no favourable conditions are likely to develop for further advance of southwest monsoon into remaining parts of Rajasthan, west Uttar Pradesh, Haryana, Chandigarh & Delhi and Punjab during next 5 days.
- Subdued rainfall activity is very likely to prevail over Northwest, Central and Western parts of Peninsular India during next 5 days. Isolated/scattered thunderstorm activity accompanied with lightning & rainfall is also likely over these regions during this subdued monsoon activity period.
- ♦ Under the influence of strong moisture laden southwesterly winds; widespread rainfall very likely over Bihar, West Bengal & Sikkim and Northeastern states during next 5 days. Isolated heavy to very heavy rainfall very likely over Arunachal Pradesh and Nagaland, Manipur, Mizoram & Tripura during next 3 days. Isolated extremely falls also likely over Assam & Meghalaya during 29th-30th June and Bihar and Sub-Himalayan West Bengal & Sikkim during 30th June-02nd July, 2021.
- ♦ Subsequently, moist easterly winds are likely to pickup in strength, causing enhanced rainfall activity all along the Himalayan foothills of north Bihar, north Uttar Pradesh and Uttarakhand during 01-3 July leading to increased inflow into the rivers originating/flowing over these regions. Isolated **heavy to very heavy rainfall** very likely over Uttarakhand and Himalayan foothills of East Uttar Pradesh during 01st-03rd July, 2021.
- ◆ Strong surface winds (speed reaching 20-30 kmph occasionally) over Haryana and West Uttar Pradesh on 30th June and 01st July, 2021.
- ♦ Moderate to severe thunderstorm accompanied by frequent cloud to ground lightning very likely over Bihar, Jharkhand and Gangetic West Bengal during next 24 hours. This may cause injuries leading to casualties to people and animals staying outdoors.

Main Weather Observations

- ♦ Rain/Thundershowers observed (from 0830 hours IST of yesterday to 0830 hours IST of today): at most places over Arunachal Pradesh, Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim, Coastal Karnataka, Konkan & Goa and Madhya Maharashtra; at many places over Nagaland, Manipur, Mizoram & Tripura, Marathawada, Gujarat region, Vidarbha, Bihar and Lakshadweep; at a few places over Gangetic West Bengal, Odisha, Interior Karnataka, Saurashtra & Kutch, West Madhya Pradesh and Kerala & Mahe and at isolated places over Uttarakhand, Uttar Pradesh, Rajasthan, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, East Madhya Pradesh, Chhattisgarh, Jharkhand, Andaman & Nicobar Islands and Tamilnadu, Puducherry & Karaikal.
- ♦ Rainfall recorded (from 0830 hours IST of yesterday to 0830 hours IST of today) (2 cm or more): Cherrapunji-56; Mawsynram-47; Barpeta and Manash-16; Beky Rly Bridge and Majhian-14 each; Kumargram-13; Roing, Shella and Barobhisha-12 each; Panbari and Manihari-11 each; Basar, Soegaon and Wakwali-10 each; Jawhar and Berhampore-9 each; Anand and Vallabh Vidyanagar-8 each; Pedong, Bichhua, Kamrej and Dahigaon-7 each; Harnai-5; Wardha, Malda, Pasighat and Dhubri-4 each; Baroda, Mahuva, Mormugao, Khajuraho, Indore, Jalgaon, Nagpur, Bhagalpur and Shillong-3 each; Bhaunagar, Pune, Seoni, Purnea and Cooch Behar-2 each.
- ♦ Heavy rainfall recorded (from 0830 hours IST of yesterday to 0830 hours IST of today): Extremely heavy falls observed at isolated places over Assam & Meghalaya; heavy to very heavy rainfall at isolated places over Arunachal Pradesh and heavy rainfall at isolated places over Konkan & Goa, Madhya Maharashtra, Marathawada, East Madhya Pradesh, Gangetic West Bengal, Nagaland, Manipur, Mizoram & Tripura and Gujarat region.
- ♦ Thunderstorm/Hailstorm observed (from 1730 hrs IST of yesterday to 0830 hours IST of today): at isolated places over Bihar, West Bengal & Sikkim, Chhattisgarh, Madhya Pradesh, Gujarat and Assam & Meghalaya.
- ♦ Maximum Temperature Departures as on 28-06-2021: Maximum temperatures were appreciably above normal (3.1°C to 5.0°C) at a few places over Haryana, Chandigarh & Delhi and at isolated places over Odisha; above normal (1.6°C to 3.0°C) at many places over Jammu, Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad, Uttarakhand, Jharkhand, Punjab, Rajasthan and Kerala & Mahe; at a few places over West Madhya Pradesh and South Interior Karnataka and at isolated places over East Madhya Pradesh, Vidarbha, Saurashtra & Kutch, West Bengal & Sikkim and Andaman & Nicobar Islands. They were below normal (-1.6°C to -3.0°C) at many places over Marathwada and at a few places over Nagaland, Manipur, Mizoram & Tripura and Gujarat Region and near normal over rest parts of the country. Yesterday, the highest maximum temperature of 43.2°C was reported at Churu (West Rajasthan).
- ♦ Minimum Temperature Departures as on 29-06-2021: Minimum temperatures are above normal (1.6°C to 3.0°C) at many places over Punjab, East Rajasthan, Uttarakhand, West Uttar Pradesh and Odisha; at a few places over East Uttar Pradesh and Gangetic West Bengal and at isolated places over West Rajasthan, Himachal Pradesh, Jharkhand, Chhattisgarh and Madhya Pradesh. They are below normal (-1.6°C to -3.0°C) at a few places over Gujarat region; at isolated places over Coastal Andhra Pradesh & Yanam and Madhya Maharashtra and near normal over rest parts of the country. Today, the lowest minimum temperature of 19.5°C reported at Bulsar (Gujarat region) over the plains of the country.



National Weather Forecasting Centre India Meteorological Department Ministry of Earth Sciences

Meteorological Analysis (Based on 0830 hours IST)

- ♦ The northern Limit of southwest monsoon (NLM) continues to pass through Lat. 26°N / Long. 70°E, Barmer, Bhilwara, Dholpur, Aligarh, Meerut, Ambala and Amritsar.
- ♦ Prevailing meteorological conditions, large scale atmospheric features and the forecast wind pattern by dynamical models suggest that no favourable conditions are likely to develop for further advance of southwest monsoon into remaining parts of Rajasthan, west Uttar Pradesh, Haryana, Chandigarh & Delhi and Punjab during next 6-7 days.
- ♦ A trough at mean sea level runs from East Uttar Pradesh to northeast Assam across Bihar and Sub-Himalayan West Bengal.
- ♦ The cyclonic circulation over East Rajasthan & neighbourhood persists and now extends upto 0.9 km above mean sea level.
- ♦ The Western Disturbance as a trough in mid & upper westerlies with its axis at 5.8 km above mean sea level now runs roughly along Long.60°E to the north of Lat.30°N.
- ♦ A trough runs from Eastcentral Arabian Sea off north Maharashtra coast to south Kerala across Coastal Karnataka between 3.1 & 4.5 km above mean sea level.
- ♦ The cyclonic circulation over Westcentral Arabian Sea off south Oman coast now lies over Westcentral Arabian Sea & adjoining south Oman coast at 3.1 km above mean sea level.
- ♦ The trough at 0.9 km above mean sea level from cyclonic circulation over East Rajasthan & neighbourhood to West Assam has become less marked.
- ♦ The trough from North Interior Karnataka to Saurashtra between 3.1 km & 5.8 km above mean sea level has become less marked.
- ♦ The cyclonic circulation over northeast Madhya Pradesh & neighbourhood at 1.5 km above mean sea level has become less marked.
- ♦ The cyclonic circulation over Telangana & neighbourhood between 1.5 & 5.8 km above mean sea level tilting westwards with height has become less marked.
- ♦ The cyclonic circulation over Comorin area and adjoining Equatorial India Ocean between 5.8 km & 7.6 km above mean sea level has become less marked.
- ♦ The Western Disturbance as a cyclonic circulation over north Pakistan & neighbourhood at 5.8 km above mean sea level has become less marked.

Weather Forecast for next 5 days * upto 0830 hours IST of 04th July, 2021

- ♦ Meteorological sub-division wise detailed 5 days precipitation forecast is given in Table-1.
- ♦ No significant change in maximum temperatures over most parts of the country during next 5 days.

Weather Outlook for subsequent 2 days from 04th July 2021 to 06th July 2021

- ♦ Fairly widespread to widespread rainfall with isolated heavy falls likely to continue over most parts of Northeast and East India; scattered to fairly widespread rainfall over the peninsular India and Islands and isolated rainfall likely over parts of Central, West and Northwest India.
- ♦ Subdued rainfall/weak monsoon spell over Central, West and northwest India.



National Weather Forecasting Centre India Meteorological Department Ministry of Earth Sciences

Weather Warning during next 5 days *

29 June (Day 1): ♦ Heavy to Very Heavy Rainfall with extremely heavy falls at isolated places very likely over Assam & Meghalaya; Heavy to Very Heavy Rainfall at isolated places over Bihar, Sub-Himalayan West Bengal & Sikkim and Arunachal Pradesh and Heavy Rainfall at isolated places over Gangetic West Bengal and Nagaland, Manipur, Mizoram & Tripura.

- ♦ Thunderstorm with lightning very likely at isolated places over East Rajasthan, Madhya Pradesh, Vidarbha, Chhattisgarh, Bihar, Jharkhand, West Bengal & Sikkim, Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Madhya Maharashtra, Marathawada and Tamilnadu, Puducherry & Karaikal.
- ♦ Strong Winds (speed 40-50 kmph gusting to 60 kmph) very likely over Southwest and Westcentral Arabian Sea. Fishermen are advised not to venture into these areas.
- **30** June (Day 2): ♦ Heavy to Very Heavy Rainfall with extremely heavy falls at isolated places very likely over Sub-Himalayan West Bengal & Sikkim and Assam & Meghalaya; Heavy to Very Heavy Rainfall at isolated places over Bihar, Arunachal Pradesh and Nagaland, Manipur, Mizoram & Tripura and Heavy Rainfall at isolated places over Gangetic West Bengal and Telangana.
- ♦ Thunderstorm with lightning very likely at isolated places over Madhya Pradesh, Vidarbha, Chhattisgarh, Bihar, Jharkhand, Gangetic West Bengal, Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Coastal Andhra Pradesh & Yanam, Telangana and Tamilnadu, Puducherry & Karaikal.
- ♦ Strong Winds (speed 40-50 kmph gusting to 60 kmph) very likely over Southwest and Westcentral Arabian Sea, North Arabian sea and along & off Gujarat coast. Fishermen are advised not to venture into these areas.
- **01** July (Day 3): ♦ Heavy to Very Heavy Rainfall with extremely heavy falls at isolated places very likely over Bihar and Sub-Himalayan West Bengal & Sikkim; Heavy to Very Heavy Rainfall at isolated places over Assam & Meghalaya and Heavy Rainfall at isolated places over East Uttar Pradesh, Gangetic West Bengal, Odisha, Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Coastal Andhra Pradesh & Yanam, Telangana and Tamilnadu, Puducherry & Karaikal.
- ♦ Thunderstorm with lightning & gusty winds (30-40 kmph) very likely at isolated places over Punjab, Haryana, Chandigarh & Delhi and West Uttar Pradesh and with lightning at isolated places over Uttarakhand, East Uttar Pradesh, East Madhya Pradesh, Chhattisgarh, Bihar, Jharkhand, Gangetic West Bengal, Andaman & Nicobar Islands, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema and Tamilnadu, Puducherry & Karaikal.
- ♦ Strong Winds (speed 40-50 kmph gusting to 60 kmph) very likely over Southwest and Westcentral Arabian Sea, North Arabian sea and along & off Gujarat coast. Fishermen are advised not to venture into these areas.
- **02** July (Day 4): ♦ Heavy to Very Heavy Rainfall with extremely heavy falls at isolated places likely over Bihar and Sub-Himalayan West Bengal & Sikkim; Heavy to Very Heavy Rainfall at isolated places over Uttarakhand, East Uttar Pradesh and Assam & Meghalaya and Heavy Rainfall at isolated places over Himachal Pradesh, West Uttar Pradesh, Gangetic West Bengal, Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura and Tamilnadu, Puducherry & Karaikal.
- ♦ Thunderstorm with lightning & gusty winds (30-40 kmph) likely at isolated places over Punjab and Haryana, Chandigarh & Delhi and with lightning at isolated places over Jammu & Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad, Himachal Pradesh, Uttarakhand, Uttar Pradesh, East Madhya Pradesh, Chhattisgarh, Bihar, Jharkhand, Coastal Andhra Pradesh & Yanam, Rayalaseema and Tamilnadu, Puducherry & Karaikal.
- Strong Winds (speed 40-50 kmph gusting to 60 kmph) likely over Southwest and Westcentral Arabian Sea, North Arabian sea and along & off Gujarat coast. Fishermen are advised not to venture into these areas.
- **03** July (Day 5): ♦ Heavy to Very Heavy Rainfall likely at isolated places over Sub-Himalayan West Bengal & Sikkim and Heavy Rainfall at isolated places over Himachal Pradesh, Uttarakhand, Uttar Pradesh, Bihar, Assam & Meghalaya, Arunachal Pradesh and Tamilnadu, Puducherry & Karaikal.
- ♦ Thunderstorm with lightning likely at isolated places over Jammu & Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad, Himachal Pradesh, Uttrakhand, Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh, East Madhya Pradesh, Vidarbha, Chhattisgarh, Bihar, Jharkhand, Coastal Andhra Pradesh & Yanam and Tamilnadu, Puducherry & Karaikal.
- ♦ Strong Winds (speed 40-50 kmph gusting to 60 kmph) likely over Southwest and Westcentral Arabian Sea, North Arabian sea and along & off Gujarat coast. Fishermen are advised not to venture into these areas.

Kindly download MAUSAM APP for location specific forecast & warning, MEGHDOOT APP for Agromet advisory and DAMINI APP for Lightning Warning & visit state MC/RMC websites for district wise warning.



Table-1 5 Day Rainfall Forecast (MID-DAY)

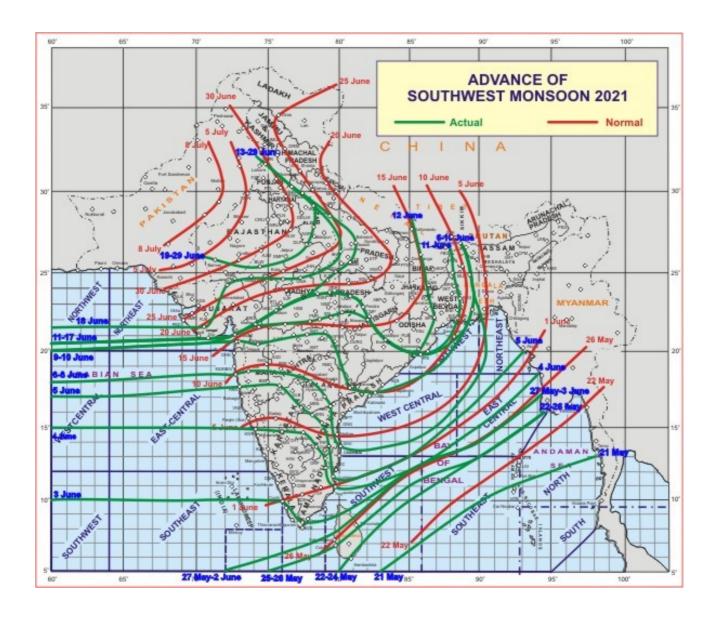
29-June-2021

1. Andaman & Nicobar Islands SCT FWS FWS	FWS WS	SCT
O. Amusica de al Disa de als	WS	
2. Arunachal Pradesh ws ws ws		ws
3. Assam & Meghalaya ws ws ws	WS	WS
4. N. M. M. & T. ws ws ws	WS	WS
5. S.H. West Bengal & Sikkim ws ws ws	WS	WS
6. Gangetic West Bengal Fws Fws Fws	FWS	FWS
7. Odisha IsoL sct Fws	SCT	ISOL
8. Jharkhand ISOL ISOL SCT	FWS	FWS
9. Bihar Fws Fws ws	WS	ws
10. East Uttar Pradesh ISOL ISOL FWS	FWS	FWS
11. West Uttar Pradesh ISOL ISOL ISOL	SCT	SCT
12. Uttarakhand ISOL ISOL FWS	WS	WS
13. Haryana, Chd & Delhi DRY DRY ISOL	SCT	SCT
14. Punjab DRY DRY ISOL	SCT	SCT
15. Himachal Pradesh DRY DRY ISOL	FWS	FWS
16. J & K and Ladakh DRY DRY DRY	SCT	SCT
17. West Rajsthan DRY DRY DRY	DRY	DRY
18. East Rajasthan ISOL DRY DRY	DRY	DRY
19. West Madhya Pradesh ISOL ISOL ISOL	ISOL	ISOL
20. East Madhya Pradesh ISOL ISOL SCT	SCT	ISOL
21. Gujarat Region ISOL ISOL ISOL	ISOL	ISOL
22. Saurashtra & Kutch scr Isol Isol	DRY	DRY
23. Konkan & Goa ws ws ws	WS	WS
24. Madhya Maharashtra scr Isol Isol Isol	ISOL	ISOL
25. Marathawada sct IsoL IsoL	ISOL	ISOL
26. Vidharbha scr scr isol	ISOL	ISOL
27. Chhattisgarh ISOL SCT FWS	FWS	SCT
28. Coastal A. P. & Yanam ISOL SCT FWS	SCT	SCT
29. Telangana ISOL SCT FWS	SCT	SCT
30. Rayalaseema ISOL ISOL SCT	ISOL	ISOL
31. T.N., Puducherry & Karaikal ISOL ISOL SCT	SCT	SCT
32. Coastal Karnataka Fws Fws Fws	FWS	FWS
33. North Interior Karnataka IsoL IsoL IsoL	ISOL	ISOL
34. South Interior Karnataka Isol Isol SCT	SCT	SCT
35. Kerala & Mahe scr Fws Fws	FWS	FWS
36. Lakshadweep ws ws Fws	FWS	FWS

% Station Reporting Rainfall

% Stations	Category	% Stations	Category
76-100		26-50	Scattered (SCT/ A Few Places)
51-75	Fairly Widespred (FWS/ Many Places)	1-25	Isolated (ISOL)
No Rain	Dry		







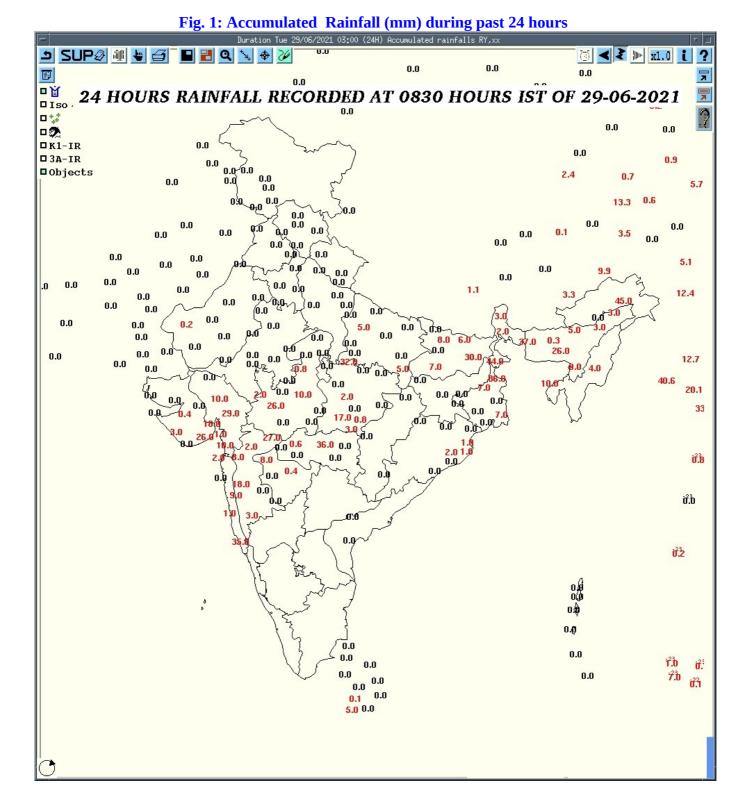




Fig. 2: Maximum Temperature during past 24 hours

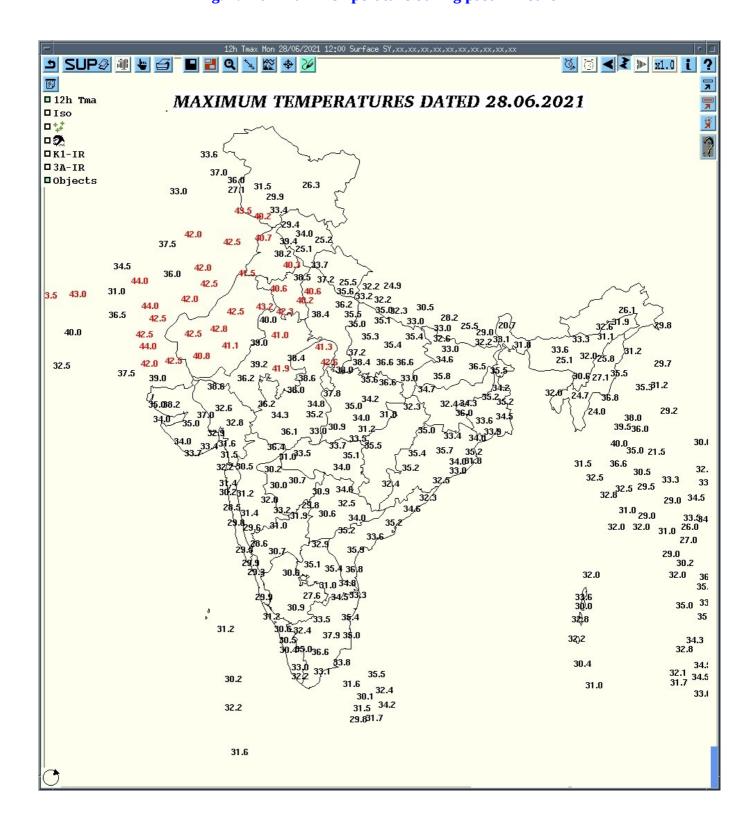




Fig. 3: Minimum Temperature during past 24 hours

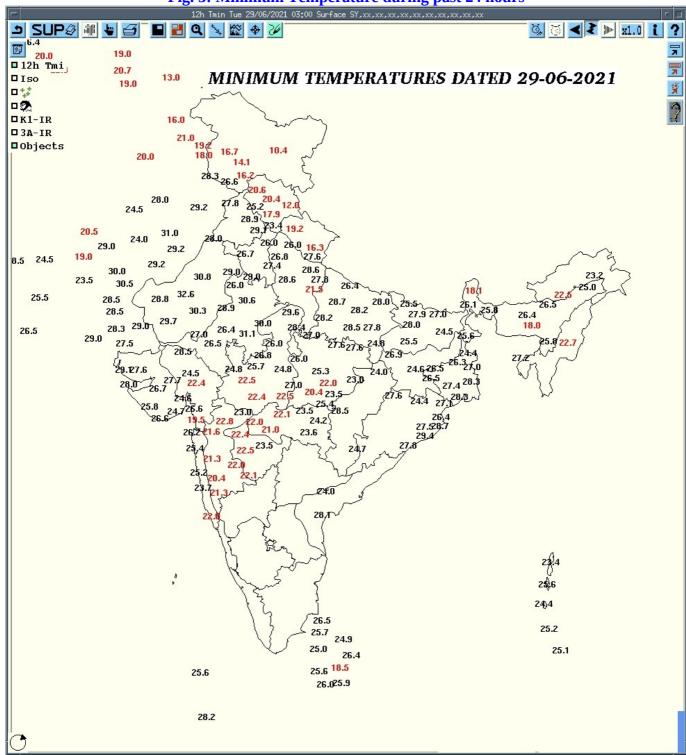




Fig. 4: Departure from Normal of Maximum Temperatures

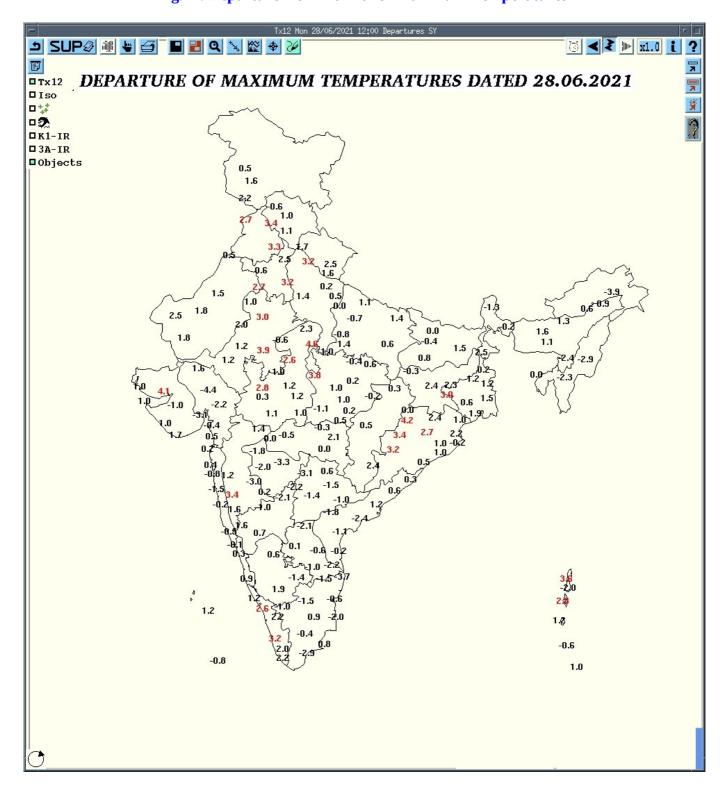
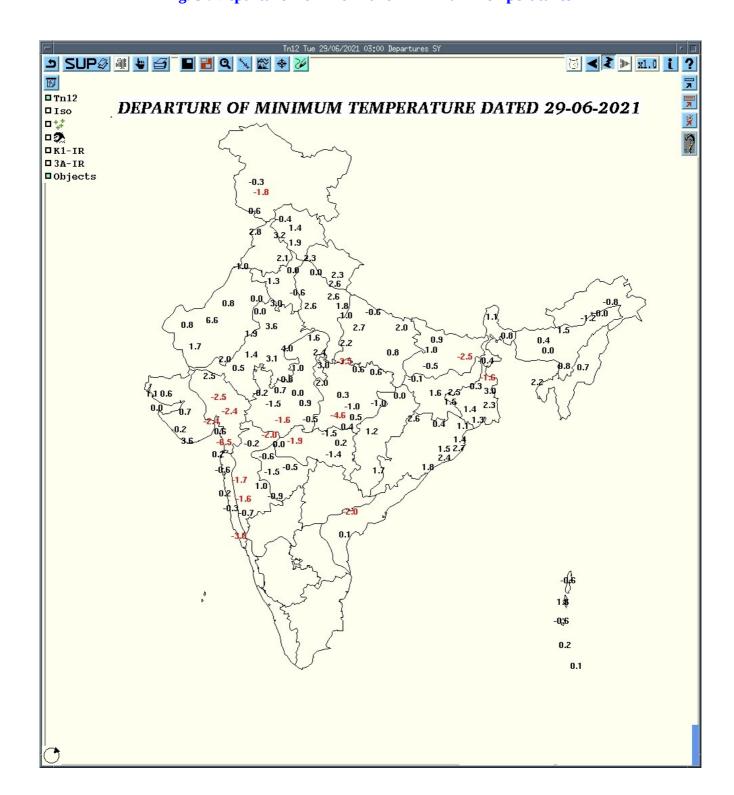


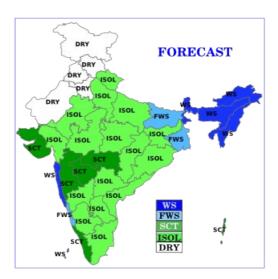


Fig. 5: Departure from Normal of Minimum Temperatures





Tuesday 29 June 2021





29 June (Day 1): ♦ Heavy to Very Heavy Rainfall with extremely heavy falls at isolated places very likely over Assam & Meghalaya; Heavy to Very Heavy Rainfall at isolated places over Bihar, Sub-Himalayan West Bengal & Sikkim and Arunachal Pradesh and Heavy Rainfall at isolated places over Gangetic West Bengal and Nagaland, Manipur, Mizoram & Tripura.

- ♦ Thunderstorm with lightning very likely at isolated places over East Rajasthan, Madhya Pradesh, Vidarbha, Chhattisgarh, Bihar, Jharkhand, West Bengal & Sikkim, Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Madhya Maharashtra, Marathawada and Tamilnadu, Puducherry & Karaikal.
- ♦ Strong Winds (speed 40-50 kmph gusting to 60 kmph) very likely over Southwest and Westcentral Arabian Sea. Fishermen are advised not to venture into these areas.



Wednesday 30 June 2021



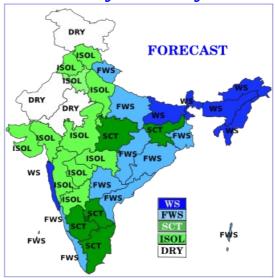


30 June (Day 2): ♦ Heavy to Very Heavy Rainfall with extremely heavy falls at isolated places very likely over Sub-Himalayan West Bengal & Sikkim and Assam & Meghalaya; Heavy to Very Heavy Rainfall at isolated places over Bihar, Arunachal Pradesh and Nagaland, Manipur, Mizoram & Tripura and Heavy Rainfall at isolated places over Gangetic West Bengal and Telangana.

- ♦ Thunderstorm with lightning very likely at isolated places over Madhya Pradesh, Vidarbha, Chhattisgarh, Bihar, Jharkhand, Gangetic West Bengal, Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Coastal Andhra Pradesh & Yanam, Telangana and Tamilnadu, Puducherry & Karaikal.
- ♦ Strong Winds (speed 40-50 kmph gusting to 60 kmph) very likely over Southwest and Westcentral Arabian Sea, North Arabian sea and along & off Gujarat coast. Fishermen are advised not to venture into these areas.



Thursday 01 July 2021



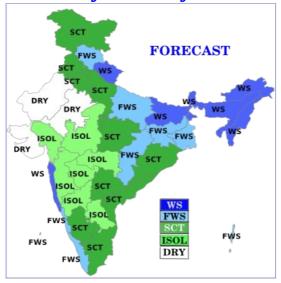


01 July (Day 3): ♦ Heavy to Very Heavy Rainfall with extremely heavy falls at isolated places very likely over Bihar and Sub-Himalayan West Bengal & Sikkim; Heavy to Very Heavy Rainfall at isolated places over Assam & Meghalaya and Heavy Rainfall at isolated places over East Uttar Pradesh, Gangetic West Bengal, Odisha, Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Coastal Andhra Pradesh & Yanam, Telangana and Tamilnadu, Puducherry & Karaikal.

- ♦ Thunderstorm with lightning & gusty winds (30-40 kmph) very likely at isolated places over Punjab, Haryana, Chandigarh & Delhi and West Uttar Pradesh and with lightning at isolated places over Uttarakhand, East Uttar Pradesh, East Madhya Pradesh, Chhattisgarh, Bihar, Jharkhand, Gangetic West Bengal, Andaman & Nicobar Islands, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema and Tamilnadu, Puducherry & Karaikal.
- ♦ Strong Winds (speed 40-50 kmph gusting to 60 kmph) very likely over Southwest and Westcentral Arabian Sea, North Arabian sea and along & off Gujarat coast. Fishermen are advised not to venture into these areas.



Friday 02 July 2021



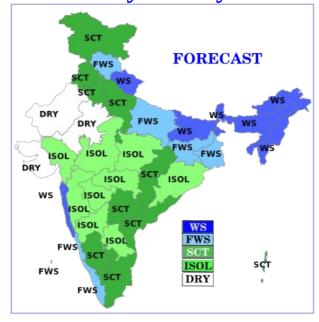


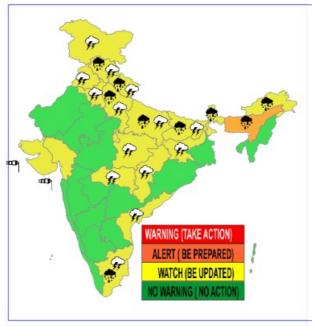
02 July (Day 4): ♦ Heavy to Very Heavy Rainfall with extremely heavy falls at isolated places likely over Bihar and Sub-Himalayan West Bengal & Sikkim; Heavy to Very Heavy Rainfall at isolated places over Uttarakhand, East Uttar Pradesh and Assam & Meghalaya and Heavy Rainfall at isolated places over Himachal Pradesh, West Uttar Pradesh, Gangetic West Bengal, Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura and Tamilnadu, Puducherry & Karaikal.

- ♦ Thunderstorm with lightning & gusty winds (30-40 kmph) likely at isolated places over Punjab and Haryana, Chandigarh & Delhi and with lightning at isolated places over Jammu & Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad, Himachal Pradesh, Uttarakhand, Uttar Pradesh, East Madhya Pradesh, Chhattisgarh, Bihar, Jharkhand, Coastal Andhra Pradesh & Yanam, Rayalaseema and Tamilnadu, Puducherry & Karaikal.
- ♦ Strong Winds (speed 40-50 kmph gusting to 60 kmph) likely over Southwest and Westcentral Arabian Sea, North Arabian sea and along & off Gujarat coast. Fishermen are advised not to venture into these areas.



Saturday 03 July 2021





03 July (Day 5): ♦ Heavy to Very Heavy Rainfall likely at isolated places over Sub-Himalayan West Bengal & Sikkim and **Heavy Rainfall** at isolated places over Himachal Pradesh, Uttarakhand, Uttar Pradesh, Bihar, Assam & Meghalaya, Arunachal Pradesh and Tamilnadu, Puducherry & Karaikal.

- ♦ Thunderstorm with lightning likely at isolated places over Jammu & Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad, Himachal Pradesh, Uttrakhand, Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh, East Madhya Pradesh, Vidarbha, Chhattisgarh, Bihar, Jharkhand, Coastal Andhra Pradesh & Yanam and Tamilnadu, Puducherry & Karaikal.
- ♦ Strong Winds (speed 40-50 kmph gusting to 60 kmph) likely over Southwest and Westcentral Arabian Sea, North Arabian sea and along & off Gujarat coast. Fishermen are advised not to venture into these areas.

राष्ट्रीय मौसम पूर्वानुमान केन्द्र भारत मौसम विज्ञान विभाग पृथ्वी विज्ञान मंत्रालय



National Weather Forecasting Centre India Meteorological Department Ministry of Earth Sciences

राष्ट्रीय मौसम पूर्वानुमान केन्द्र भारत मौसम विज्ञान विभाग पृथ्वी विज्ञान मंत्रालय



National Weather Forecasting Centre India Meteorological Department Ministry of Earth Sciences

	·	 ·	
1			