



Tuesday 23 April 2019

EVENING

Time of Issue: 1630 hrs IST

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

◆ A low pressure area is very likely to develop over Equatorial Indian Ocean and adjoining southwest Bay of Bengal to the southeast of Sri Lanka around 25th April. It is very likely to intensify into a depression during subsequent 36 hours. It is very likely to move northwestwards towards Tamilnadu coast across east coast of Srilanka and is likely to intensify into a Cyclonic Storm during the subsequent 48 hours.

Main Weather Observations

◆ **Rain/Thundershowers** observed (from 0830 hours IST of yesterday to 0830 hours IST of today): at most places over Kerala; at many places over Rayalaseema; at a few places over Tamilnadu & Puducherry, Sub-Himalayan West Bengal and Odisha and at isolated places over East Uttar Pradesh, Bihar, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura, Telangana, South Interior Karnataka, Chhattisgarh and Coastal Andhra Pradesh.

◆ **Rain/Thundershowers recorded at 0830 hours IST of today** (1 cm or more) are Periakulam-10; Karipur & Kodaikanal-4 each. Dharmapuri, Coimbatore & Kochin Willingdon-3 each; Angul, Paradip, Vallanikara & Valprai-2 each; Darjeeling, Tuni, Mysore, Salem and K. Paramathy-1 each.

◆ **Thunderstorms** observed at a few places over Kerala; at isolated places over East Uttar Pradesh, Jharkhand, Chhattisgarh, Telangana, Coastal Andhra Pradesh, Rayalaseema, Tamilnadu & Puducherry, Sub-Himalayan West Bengal & Sikkim, and Assam & Meghalaya from 1130 hours IST yesterday to 0830 hours IST of today.

◆ **Maximum temperature departures as on 22-04-2019:** Maximum temperatures were appreciably above **normal (3.1°C to 5.0°C)** at a many places over Jammu & Kashmir and at isolated places over Assam & Meghalaya; above **normal (1.6°C to 3.0°C)** at many places over Rest West Rajasthan; at a few places over East Rajasthan, Himachal Pradesh, Tamilnadu & Puducherry and South Interior Karnataka and at isolated places over Saurashtra & Kutch, West Madhya Pradesh, Kerala, Coastal Andhra Pradesh and Punjab. They were **appreciably below normal (-3.1°C to -5.0°C)** at isolated places over odisha and West Bengal & Sikkim. below **normal (-1.6°C to -3.0°C)** at isolated places over Bihar. Yesterday, the **highest maximum temperature** of 44.0°C was recorded at Phalodi (West Rajasthan) over the country.

◆ **Minimum temperature departures as on 23-04-2019:** Minimum temperatures are **markedly above normal (5.1°C or more)** at a few places over West Rajasthan; **appreciably above normal (3.1°C to 5.0°C)** at many places over Jammu & Kashmir; at **above normal (1.6°C to 3.0°C)** at most places over Uttrakhand; at many places over East Rajasthan and North Interior Karnataka; at a few places over Punjab, Madhya Maharashtra, South Interior Karnataka; at isolated places over Himachal Pradesh, Uttar Pradesh, Gujarat. They are **markedly below normal (-5.1°C or less)** at isolated places over Odisha; **appreciably below normal (-3.1°C to -5.0°C)** at isolated places over Telengana; **below normal (-1.6°C to -3.0°C)** at a few places over South Madhya Pradesh, Chhattisgarh, Marathwada and Kerala; at many places over Rayalaseema; at isolated places over Tamilnadu & Puducherry and near normal over rest parts of the country.

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### Meteorological Analysis (Based on 1430 hours IST)

- ◆ A low pressure area is very likely to develop over Equatorial Indian Ocean and adjoining southwest Bay of Bengal to the southeast of Sri Lanka around 25th April. It is very likely to intensify into a depression during subsequent 36 hours. It is very likely to move northwestwards towards Tamilnadu coast across east coast of Srilanka and is likely to intensify into a Cyclonic Storm during the subsequent 48 hours.
- ◆ The trough at 1.5 km above mean sea level from Maldives-Comorin area to North Interior Karnataka across Kerala and South Interior Karnataka persists.
- ◆ The Western Disturbance as a cyclonic circulation at 1.5 km above mean sea level over Iran & adjoining Afghanistan persists.
- ◆ The cyclonic circulation at 0.9 km above mean sea level over northeast Rajasthan & neighbourhood persists. The east-west trough from the above cyclonic circulation at 0.9 km above mean sea level to Bangladesh across south Uttar Pradesh, Jharkhand and Gangetic West Bengal persists.
- ◆ The cyclonic circulation extending upto 1.5 km above mean sea level over south Assam & neighbourhood persists.
- ◆ The trough at 1.5 km above mean sea level from East Uttar Pradesh to Vidarbha across East Madhya Pradesh persists.

### Weather Forecast for next 5 days \* upto 0830 hours IST of 28th April 2019

- ◆ **Meteorological sub-division wise detailed 5 days precipitation forecast is given in Table-1.**
- ◆ Day maximum temperatures are very likely to rise by 2-3°C over northwest, central & east India and Maharashtra during next 2-3 days. No significant change likely over the rest of the country during this period.

### Weather Outlook for subsequent 2 days from 28th April 2019 to 30th April 2019

- ◆ The low pressure system which is likely to form over the Bay of Bengal is likely to approach Tamilnadu coast as a cyclonic storm. This could result in very rough/high sea condition over south Bay of Bengal and squally/gale force winds (70-80 kmph) along and off Tamilnadu coast, southwest Bay of Bengal and Comorin area. Widespread rainfall with isolated very heavy to extremely heavy rains are likely over Tamilnadu and adjoining Andhra Pradesh. Fairly widespread rainfall with isolated heavy falls and squally winds are also likely over Kerala and coastal Karnataka.
- ◆ Scattered to fairly widespread rainfall in northeast India and isolated to scattered over western Himalayan region and remaining parts of south peninsular India and islands.
- ◆ Dry weather likely over the rest of the country.

## Weather Warning during next 5 days \*

**23 April (Day 1):** ♦ **Thunderstorm accompanied with squall (wind speed reaching 60-70 kmph) and lightning** at isolated places very likely over Gangetic West Bengal.

♦ **Thunderstorm accompanied with squall (wind speed reaching 50-60 kmph) and lightning** at isolated places very likely over Bihar.

♦ **Thunderstorm accompanied with gusty winds (wind speed reaching 50-60 kmph) and lightning** at isolated places very likely over Assam & Meghalaya.

♦ **Thunderstorm accompanied with gusty winds (wind speed reaching 40-50 kmph) and lightning** at isolated places very likely over Jharkhand, Sub-Himalayan West Bengal & Sikkim, Odisha, Nagaland, Manipur, Mizoram & Tripura, Chhattisgarh, Vidarbha, Telangana, Coastal Andhra Pradesh, North & South Interior Karnataka, Tamilnadu & Puducherry and Kerala.

♦ **Thunderstorm accompanied with gusty winds (wind speed reaching 30-40 kmph) and lightning** at isolated places very likely over Jammu & Kashmir.

♦ **Heat Wave Conditions** likely in isolated pockets over West Rajasthan.

**24 April (Day 2):** ♦ **Thunderstorm accompanied with hail, gusty winds (wind speed reaching 30-40 kmph) and lightning** at isolated places very likely over Himachal Pradesh.

♦ **Thunderstorm accompanied with gusty winds (wind speed reaching 40-50 kmph) and lightning** at isolated places very likely over Jammu & Kashmir, Bihar, Gangetic West Bengal, Odisha and South Interior Karnataka.

♦ **Thunderstorm accompanied with gusty winds (wind speed reaching 30-40 kmph) and lightning** at isolated places very likely over Chhattisgarh.

♦ **Thunderstorm/Duststorm accompanied with gusty winds (wind speed reaching 40-50 kmph) and lightning** at isolated places very likely over West Rajasthan.

♦ **Thunderstorm/Duststorm accompanied with gusty winds (wind speed reaching 30-40 kmph) and lightning** at isolated places very likely over Uttar Pradesh.

♦ **Heat Wave Conditions** likely in isolated pockets over West Rajasthan.

**25 April (Day 3):** ♦ **Thunderstorm accompanied with hail, gusty winds (wind speed reaching 30-40 kmph) and lightning** at isolated places very likely over Himachal Pradesh.

♦ **Thunderstorm accompanied with gusty winds (wind speed reaching 30-40 kmph) and lightning** at isolated places very likely over Jammu & Kashmir.

♦ **Thunderstorm/Duststorm accompanied with gusty winds (wind speed reaching 40-50 kmph) and lightning** at isolated places very likely over Rajasthan.

♦ **Thunderstorm/Duststorm accompanied with gusty winds (wind speed reaching 30-40 kmph) and lightning** at isolated places very likely over Haryana, Chandigarh & Delhi and Uttar Pradesh.

♦ **Heat Wave Conditions** in isolated pockets over East Rajasthan, West Madhya Pradesh and Vidarbha.

♦ **Squally weather (wind speed reaching 30-40 kmph)** likely over Equatorial Indian Ocean & adjoining southwest Bay of Bengal and along & off Srilanka coast.

**26 April (Day 4):** ♦ **Heat Wave Conditions** over some parts of Vidarbha and at isolated pockets over East Rajasthan and Madhya Pradesh.

♦ **Squally wind speed reaching 40-50 kmph** likely over Equatorial Indian Ocean & adjoining southwest Bay of Bengal and along & off Srilanka coast.

**27 April (Day 5):** ♦ **Heat Wave Conditions** likely in some parts of Vidarbha and at isolated pockets over Madhya Pradesh.

♦ **Thunderstorm accompanied with squall (wind speed reaching 50-60 kmph) and lightning** at isolated places very likely over Sub-Himalayan West Bengal & Sikkim.

♦ **Thunderstorm accompanied with gusty winds (wind speed reaching 50-60 kmph) and lightning** at isolated places very likely over Assam & Meghalaya.

♦ **Thunderstorm accompanied with gusty winds (wind speed reaching 40-50 kmph) and lightning** at isolated places very likely over Kerala, Arunachal Pradesh and Nagaland, Manipur, Mizoram & Tripura.

♦ **Squally weather (wind speed reaching 50-60 kmph)** likely over Equatorial Indian Ocean & adjoining southwest Bay of Bengal and along & off Srilanka coast.

**Kindly visit State level Meteorological Centre / Regional Meteorological Centre website for district wise forecast & color coded warning.**

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भारत मौसम विज्ञान विभाग  
पृथ्वी विज्ञान मंत्रालय



National Weather Forecasting Centre  
India Meteorological Department  
Ministry of Earth Sciences

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**Table-1**  
**5 Day Rainfall Forecast (EVENING)**  
**23-April-2019**

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

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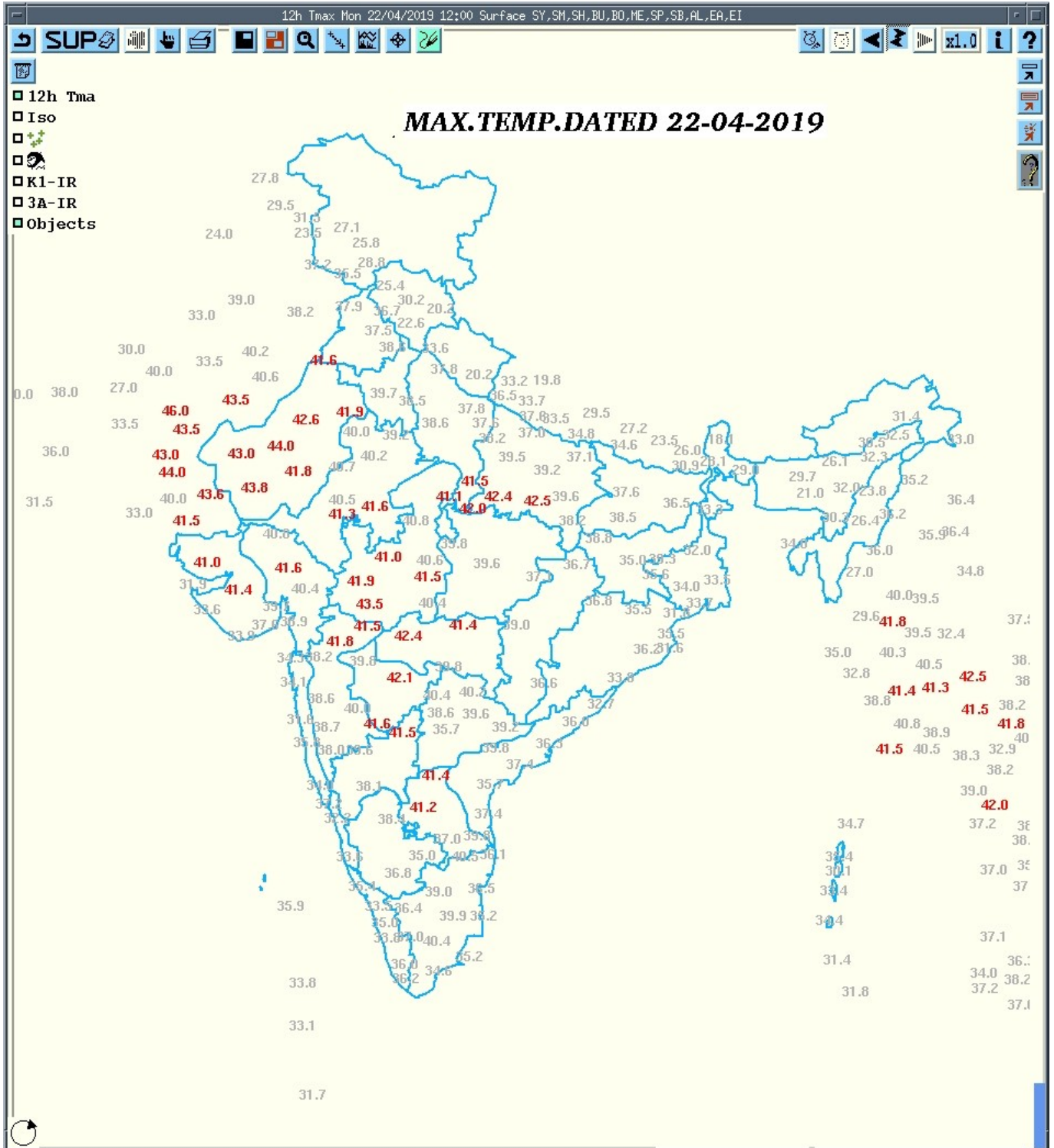
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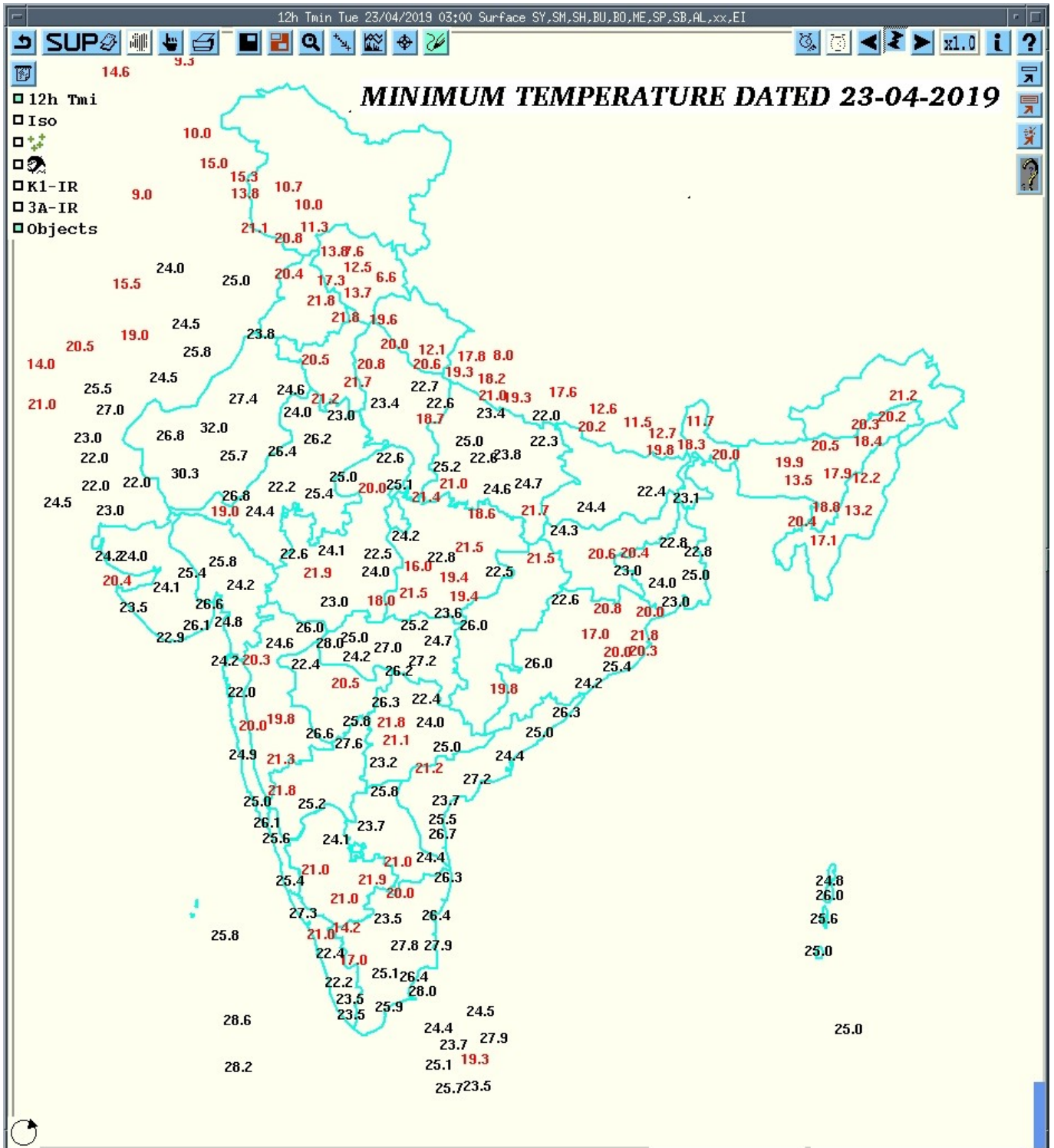
Fig. 1: Maximum Temperature during past 24 hours



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Fig. 2: Minimum Temperature during past 24 hours



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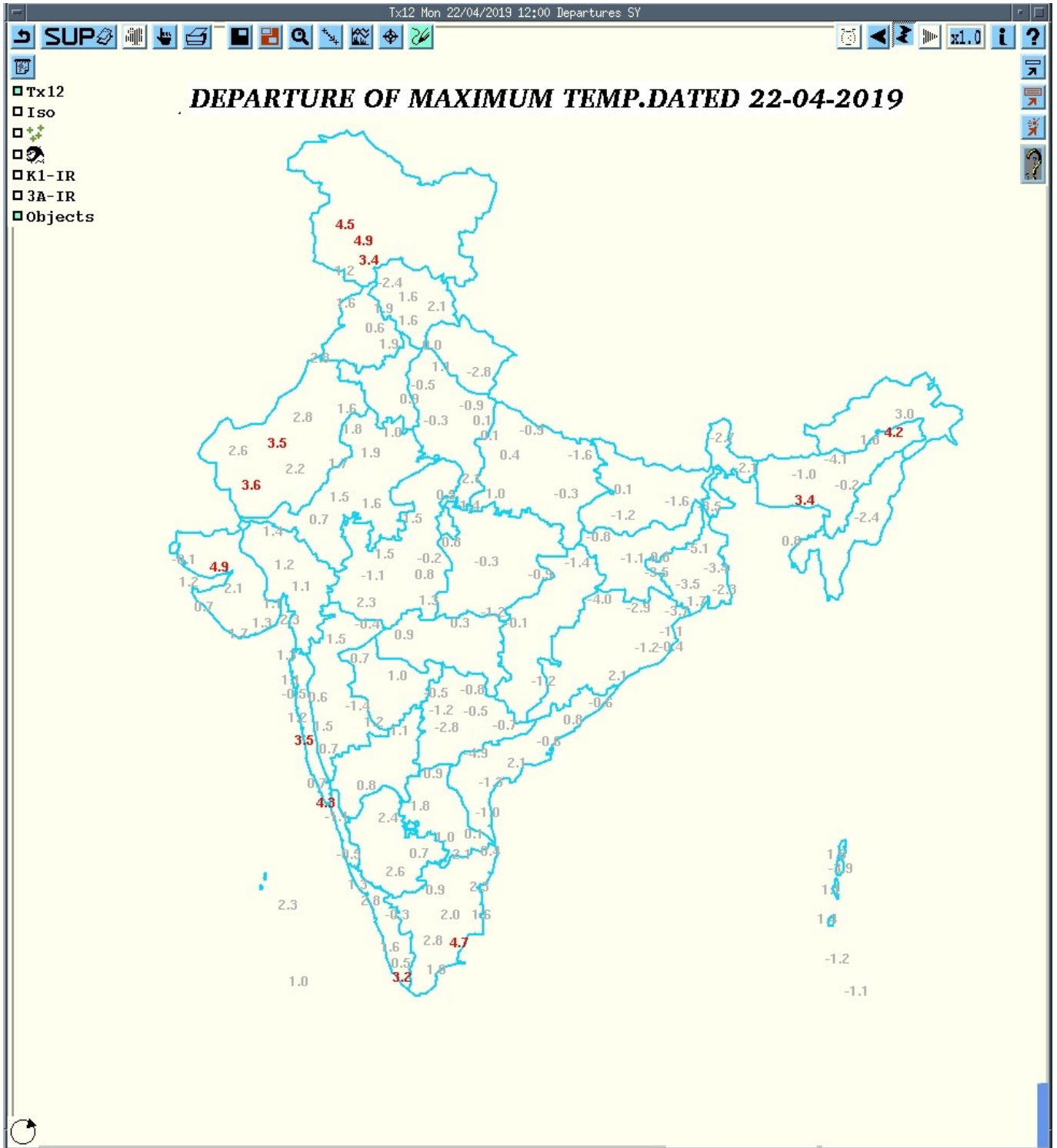
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Fig. 3 : Departure from Normal of Maximum Temperatures



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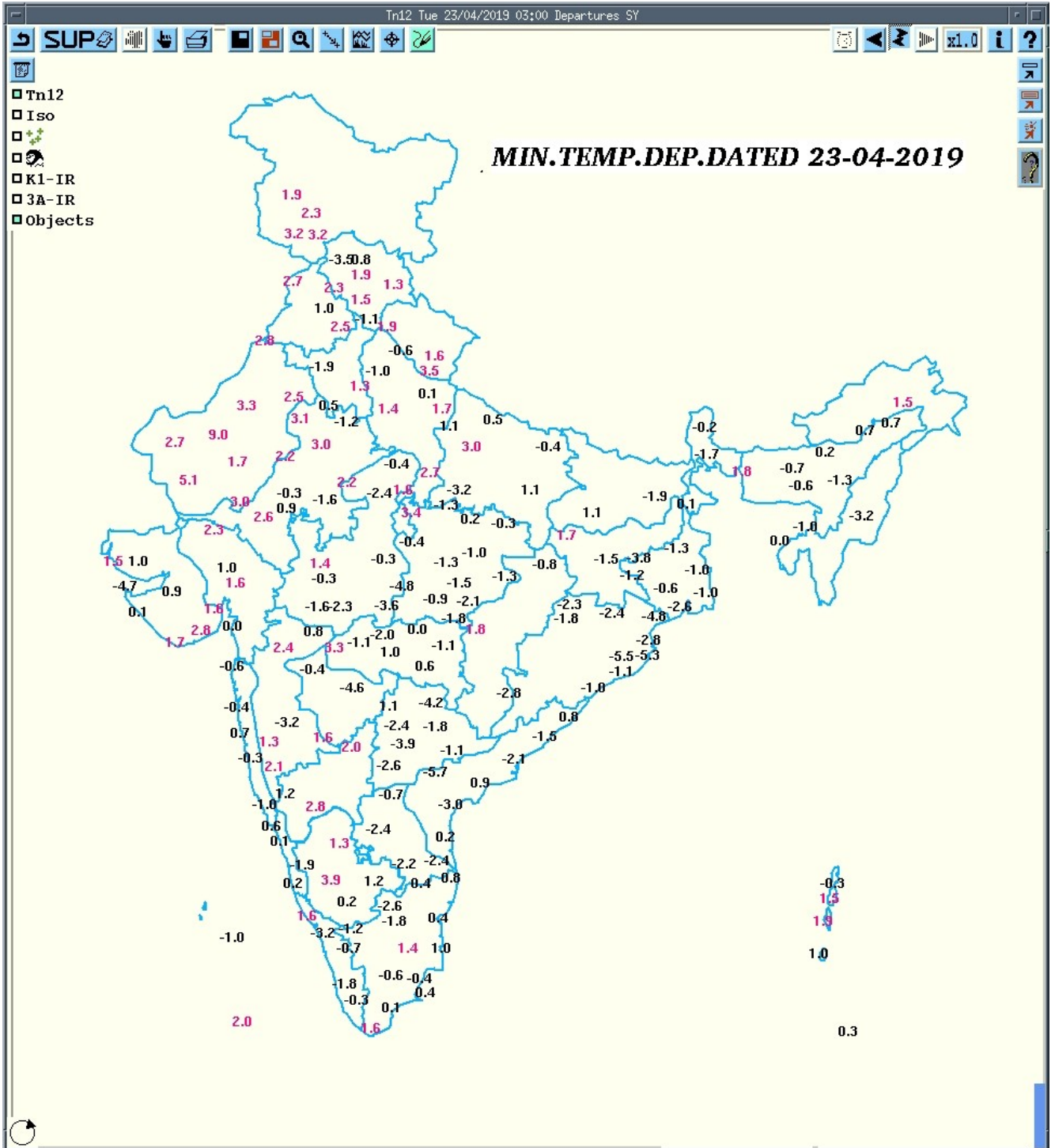
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Fig. 4 : Departure from Normal of Minimum Temperatures



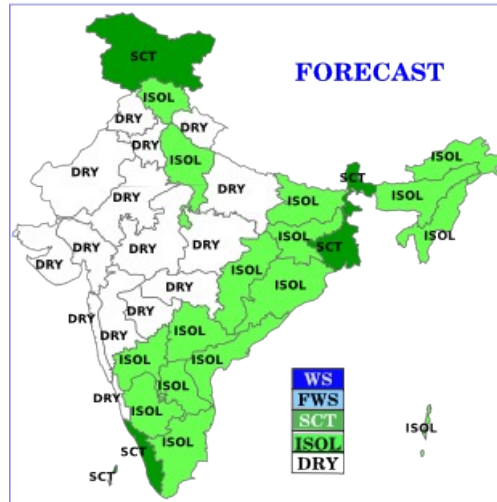
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## Tuesday 23 April 2019



23 April (Day 1): ♦ Thunderstorm accompanied with squall (wind speed reaching 60-70 kmph) and lightning at isolated places very likely over Gangetic West Bengal.

♦ Thunderstorm accompanied with squall (wind speed reaching 50-60 kmph) and lightning at isolated places very likely over Bihar.

♦ Thunderstorm accompanied with gusty winds (wind speed reaching 50-60 kmph) and lightning at isolated places very likely over Assam & Meghalaya.

♦ Thunderstorm accompanied with gusty winds (wind speed reaching 40-50 kmph) and lightning at isolated places very likely over Jharkhand, Sub-Himalayan West Bengal & Sikkim, Odisha, Nagaland, Manipur, Mizoram & Tripura, Chhattisgarh, Vidarbha, Telangana, Coastal Andhra Pradesh, North & South Interior Karnataka, Tamilnadu & Puducherry and Kerala.

♦ Thunderstorm accompanied with gusty winds (wind speed reaching 30-40 kmph) and lightning at isolated places very likely over Jammu & Kashmir.

♦ Heat Wave Conditions likely in isolated pockets over West Rajasthan.

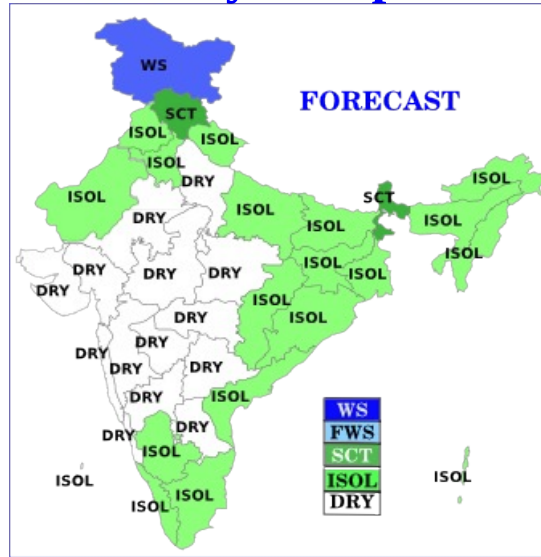
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## Wednesday 24 April 2019



24 April (Day 2): ♦ **Thunderstorm accompanied with hail, gusty winds (wind speed reaching 30-40 kmph) and lightning** at isolated places very likely over Himachal Pradesh.

♦ **Thunderstorm accompanied with gusty winds (wind speed reaching 40-50 kmph) and lightning** at isolated places very likely over Jammu & Kashmir, Bihar, Gangetic West Bengal, Odisha and South Interior Karnataka.

♦ **Thunderstorm accompanied with gusty winds (wind speed reaching 30-40 kmph) and lightning** at isolated places very likely over Chhattisgarh.

♦ **Thunderstorm/Duststorm accompanied with gusty winds (wind speed reaching 40-50 kmph) and lightning** at isolated places very likely over West Rajasthan.

♦ **Thunderstorm/Duststorm accompanied with gusty winds (wind speed reaching 30-40 kmph) and lightning** at isolated places very likely over Uttar Pradesh.

♦ **Heat Wave Conditions** likely in isolated pockets over West Rajasthan.

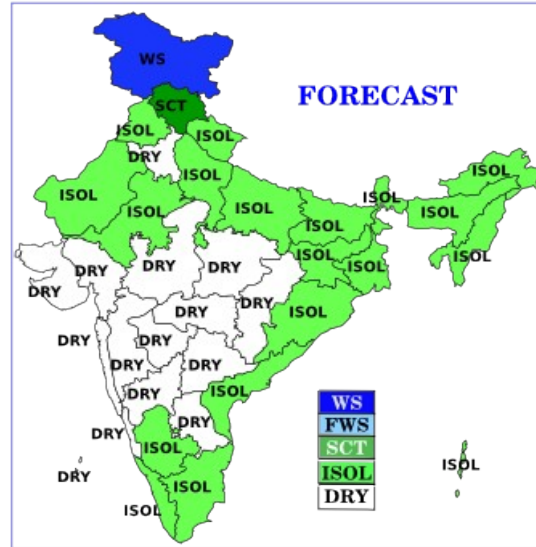
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## Thursday 25 April 2019



25 April (Day 3): ♦ **Thunderstorm accompanied with hail, gusty winds (wind speed reaching 30-40 kmph) and lightning** at isolated places very likely over Himachal Pradesh.

♦ **Thunderstorm accompanied with gusty winds (wind speed reaching 30-40 kmph) and lightning** at isolated places very likely over Jammu & Kashmir.

♦ **Thunderstorm/Duststorm accompanied with gusty winds (wind speed reaching 40-50 kmph) and lightning** at isolated places very likely over Rajasthan.

♦ **Thunderstorm/Duststorm accompanied with gusty winds (wind speed reaching 30-40 kmph) and lightning** at isolated places very likely over Haryana, Chandigarh & Delhi and Uttar Pradesh.

♦ **Heat Wave Conditions** in isolated pockets over East Rajasthan, West Madhya Pradesh and Vidarbha.

♦ **Squally weather (wind speed reaching 30-40 kmph)** likely over Equatorial Indian Ocean & adjoining southwest Bay of Bengal and along & off Srilanka coast.

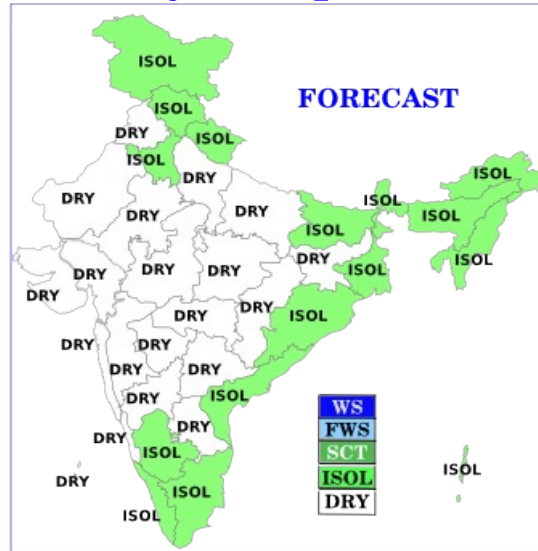
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## Friday 26 April 2019



**26 April (Day 4):** ♦ **Heat Wave Conditions** over some parts of Vidarbha and at isolated pockets over East Rajasthan and Madhya Pradesh.

♦ **Squally wind speed reaching 40-50 kmph** likely over Equatorial Indian Ocean & adjoining southwest Bay of Bengal and along & off Srilanka coast.

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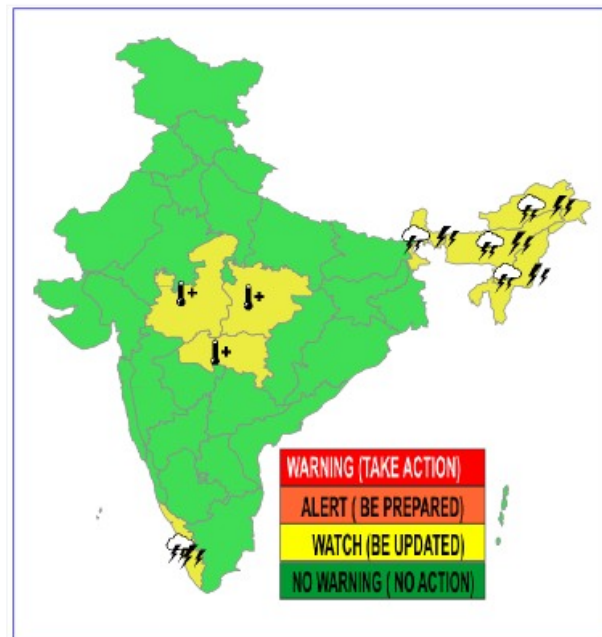
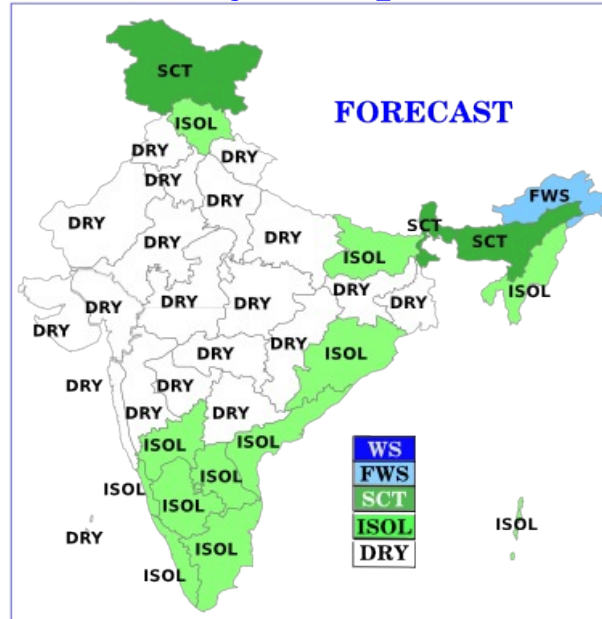
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## Saturday 27 April 2019



27 April (Day 5): ♦ **Heat Wave Conditions** likely in some parts of Vidarbha and at isolated pockets over Madhya Pradesh.

♦ **Thunderstorm accompanied with squall (wind speed reaching 50-60 kmph) and lightning** at isolated places very likely over Sub-Himalayan West Bengal & Sikkim.

♦ **Thunderstorm accompanied with gusty winds (wind speed reaching 50-60 kmph) and lightning** at isolated places very likely over Assam & Meghalaya.

♦ **Thunderstorm accompanied with gusty winds (wind speed reaching 40-50 kmph) and lightning** at isolated places very likely over Kerala, Arunachal Pradesh and Nagaland, Manipur, Mizoram & Tripura.

♦ **Squally weather (wind speed reaching 50-60 kmph)** likely over Equatorial Indian Ocean & adjoining southwest Bay of Bengal and along & off Srilanka coast.

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