



Thursday 13 October 2022

MORNING

Time of Issue: 0730 hours IST

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Withdrawal of Southwest Monsoon:

- ◆ The withdrawal line of Southwest Monsoon continues to pass through Long. 79.0°E/ Lat. 31.7° N, Uttarkashi, Nazibabad, Agra, Gwalior, Ratlam, Bharuch and Long. 71.0°E / Lat. 20.3° N.
- ◆ Conditions are very likely to become favourable for withdrawal of southwest monsoon from some more parts of northwest & central India during next 2-3 days.

Weather systems, rainfall/thunderstorm Forecast & Warnings:

- ◆ A cyclonic circulation lies over Comorin area & neighbourhood in lower tropospheric levels.
- ◆ A cyclonic circulation lies over north Andaman Sea in lower tropospheric levels and is very likely to move nearly westwards during next 2-3 days.
- ◆ Under the influence of above systems;
 - Fairly widespread/widespread light/moderate rainfall with isolated **heavy falls & thunderstorm/lightning** very likely over Tamil Nadu, Puducherry & Karaikal during 13th-17th; Rayalaseema and North Interior Karnataka on 13th; south interior Karnataka on 13th & 14th and Kerala & Mahe on 15th-17th October, 2022.
 - Fairly widespread/widespread light/moderate rainfall with isolated **heavy falls & thunderstorm/lightning** very likely over Arunachal Pradesh and Assam & Meghalaya on 13th October, 2022.
 - Mainly dry weather very likely to prevail over most parts of Northwest India from 14th October onward.

Main Weather Observations

* Red color warning does not mean "Red Alert" Red color warning means "Take Action".

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◆ **Rainfall/thundershower observed (from 0830 hours IST to 1730 hours IST of yesterday):** at many places over Himachal Pradesh, West Bengal & Sikkim, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Odisha and Andaman & Nicobar Islands; at a few places over Arunachal Pradesh, Madhya Maharashtra, Konkan & Goa and North Interior Karnataka and at isolated places over Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad, West Uttar Pradesh, Gujarat region, Madhya Pradesh, Chhattisgarh, Vidarbha, Bihar, Jharkhand, Coastal Andhra Pradesh & Yanam, Rayalaseema, Telangana and Tamil Nadu, Puducherry & Karaikal.

◆ **Heavy Rainfall Recorded (from 0830 hours IST to 1730 hours IST of yesterday):** Nil.

◆ **Chief amount of Rainfall observed (from 0830 hours IST to 1730 hours IST of yesterday): (1 cm or more):** Uluberia-6; Koraput-5; Pasighat, Kailashahar, Canning, Bolangir and Mumbai (Santacruz)- 3 each; Pendra Road, Agartala, Silchar, Jamshedpur, Bhubaneswar, Keongjargarh, Midnapore, Bhawanipatna, Kurnool, Nagappattinam and Matheran- 2 each; Jhansi, Amraoti, Ambikapur, Hirakud, Adilabad, Pachmarhi, Gangtok, Guwahati, Kalimpong, Baghdogra, Golaghat, Surat, Diamond Harbour, Kolkata (Alipore & Dum Dum), Balasore, Nasik, Mahabaleswar, Kolhapur, Bijapur, Bagalkote, Dharmapuri, Hut Bay and Maya Bandar- 1 each.

◆ **Thunderstorm observed (from 0830 hours IST of yesterday to 0530 hours IST of today):** at isolated places over Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad, Himachal Pradesh, Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh, Assam & Meghalaya, Tripura, East Madhya Pradesh, Vidarbha, Bihar, Jharkhand, Chhattisgarh, Odisha, Coastal Andhra Pradesh & Yanam, Konkan & Goa, Madhya Maharashtra, Marathwada, Saurashtra & Kutch, West Bengal & Sikkim, Vidarbha, Telangana, Rayalaseema, Interior Karnataka and Tamil Nadu, Puducherry & Karaikal.

◆ **Minimum Temperature Departures (as on 12-10-2022):** Minimum temperatures were appreciably above normal (3.1°C to 5.0°C) at a few places over Bihar; at isolated places over West Madhya Pradesh and Saurashtra & Kutch; above normal (1.6°C to 3.0°C) at many places over Gujarat Region; at a few places over Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad, Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim, Odisha and Rayalaseema and at isolated places over Gangetic West Bengal, West Rajasthan, East Madhya Pradesh, Vidarbha and Tamil Nadu, Puducherry & Karaikal and near normal over rest parts of the country. Yesterday, the lowest minimum temperature of 15.5°C was reported at Sikar (East Rajasthan) over the plains of the country.

◆ **Maximum Temperature Departures (as on 12-10-2022):** Maximum temperatures were above normal (1.6°C to 3.0°C) at many places over Kerala & Mahe; at a few places over Gangetic West Bengal; at isolated places over Odisha, Coastal Andhra Pradesh & Yanam and Saurashtra & Kutch. They were markedly below normal (-5.1°C or less) at isolated places over Madhya Maharashtra; appreciably below normal (-3.1°C to -5.0°C) at many places over Haryana, Chandigarh & Delhi; at a few places over Himachal Pradesh, Uttar Pradesh, Madhya Pradesh, Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim and North Interior Karnataka; below normal (-1.6°C to -3.0°C) at most places over Bihar and Vidarbha; at many places over Jammu & Kashmir, Ladakh, Gilgit, Baltistan, Muzaffarabad, Uttarakhand, East Rajasthan, Chhattisgarh and Andaman & Nicobar Islands; at a few places over West Rajasthan, Gujarat region, Telangana and Tamilnadu, Puducherry & Karaikal and near normal over rest parts of the country. Yesterday, the highest maximum temperature of 39.2°C was reported at Bhuj (Saurashtra & Kutch) over the plains of the country.

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Meteorological Analysis (Based on 0530 hours IST)

- ◆ Conditions are very likely to become favourable for withdrawal of southwest monsoon from some more parts of northwest & central India during next 2-3 days. The withdrawal line of **Southwest Monsoon** continues to pass through Long. 79.0°E/ Lat. 31.7°N, Uttarkashi, Nazibabad, Agra, Gwalior, Ratlam, Bharuch and Long. 71.0°E / Lat. 20.3°N.
- ◆ The cyclonic circulation over Comorin area & neighbourhood extending upto 1.5 km above mean sea level persists.
- ◆ The cyclonic circulation over north Andaman Sea & neighbourhood extending upto 1.5 km above mean sea level persists.
- ◆ The **Western Disturbance** as a trough in mid & upper tropospheric westerlies with its axis at 5.8 km above mean sea level roughly along 76°E to the north of 30°N is moving away.
- ◆ The cyclonic circulation over north Punjab & neighbourhood extending up to 1.5 km above mean sea level has become less marked.

Weather Forecast for next 5 days * upto 0830 hours IST of 18th October, 2022

- ◆ Meteorological sub-division wise detailed 5 days precipitation forecast is given in Table-1.
- ◆ No significant change in maximum temperatures very likely over the country during next 5 days.

Weather Outlook for subsequent 2 days During 18th-20th October, 2022

- ◆ Fairly widespread light/moderate rainfall very likely over many parts of South peninsular India, Jharkhand, Odisha and Islands; over some parts of North East India. Isolated to scattered light/moderate rainfall very likely over Vidarbha, Chhattisgarh and Jammu, Kashmir, Ladakh, Gilgit, Baltistan and Muzaffarabad.
- ◆ Dry weather is likely over rest parts of the country.

Weather Warning during next 5 days *

13 Oct (Day 1): ♦ Heavy rainfall at isolated places very likely over Arunachal Pradesh, Assam & Meghalaya, Rayalaseema, Interior Karnataka and Tamil Nadu, Puducherry & Karaikal.

♦ **Thunderstorm accompanied with lightning** at isolated places very likely over Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad, Himachal Pradesh, Uttarakhand, Vidarbha, Chhattisgarh, Bihar, Jharkhand, West Bengal & Sikkim, Odisha, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Madhya Maharashtra, Marathwada, Konkan & Goa, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Karnataka, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe.

14 Oct (Day 2): ♦ Heavy rainfall at isolated places very likely over South Interior Karnataka and Tamil Nadu, Puducherry & Karaikal.

♦ **Thunderstorm accompanied with lightning** at isolated places very likely over Chhattisgarh, Jharkhand, Odisha, Madhya Maharashtra, Konkan & Goa, South Interior Karnataka, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe.

15 Oct (Day 3): ♦ Heavy rainfall at isolated places likely over Andaman & Nicobar Islands, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe.

♦ **Thunderstorm accompanied with lightning** at isolated places likely over Chhattisgarh, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe.

16 Oct (Day 4): ♦ Heavy rainfall at isolated places likely over Andaman & Nicobar Islands, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe.

♦ **Thunderstorm accompanied with lightning** at isolated places likely over Chhattisgarh, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe.

17 Oct (Day 5): ♦ Heavy rainfall at isolated places likely over Andaman & Nicobar Islands, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe.

♦ **Thunderstorm accompanied with lightning** at isolated places likely over Chhattisgarh, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe.

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.

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Table-1
5 Day Rainfall Forecast (MORNING)
13-October-2022

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

% 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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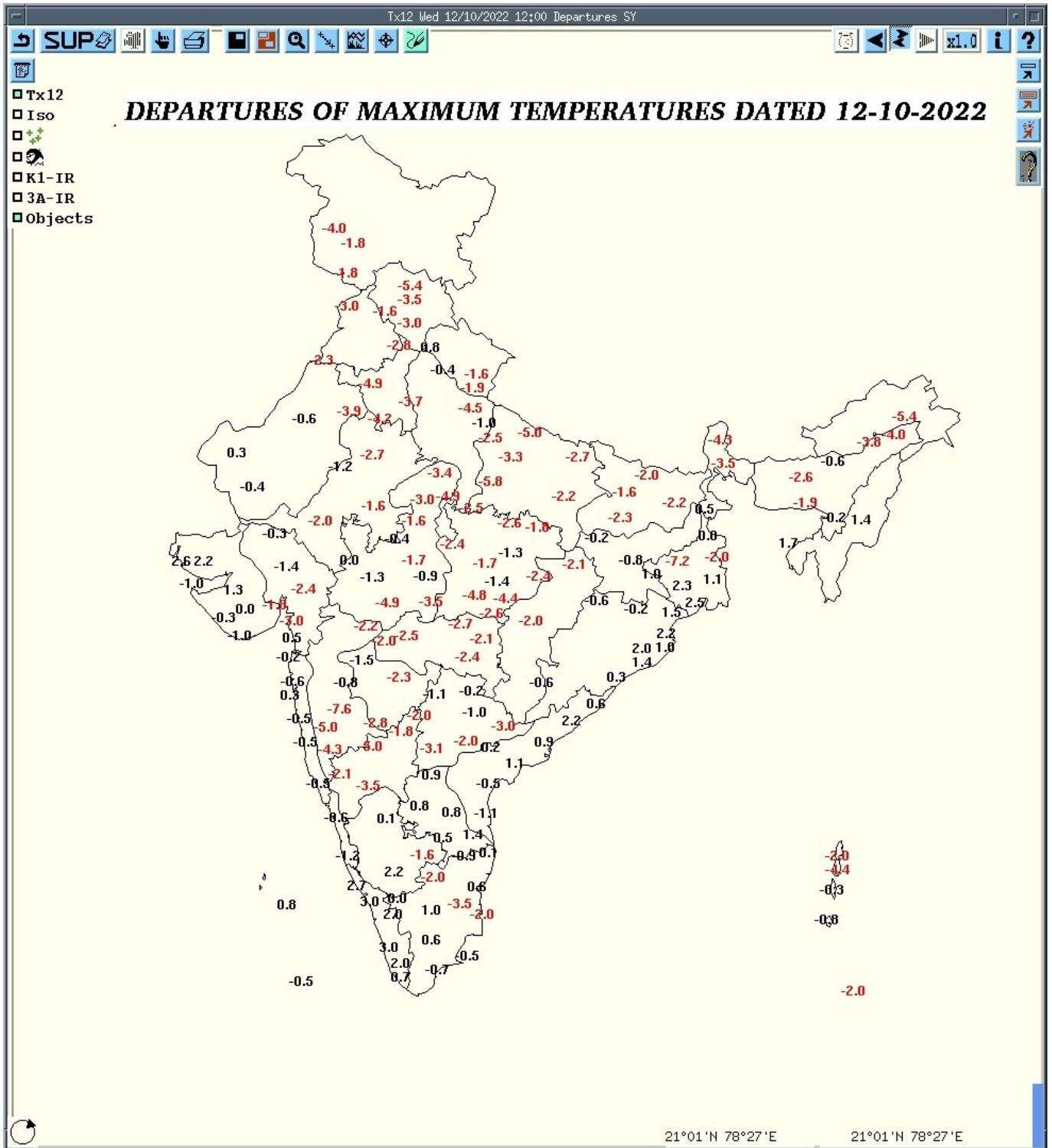
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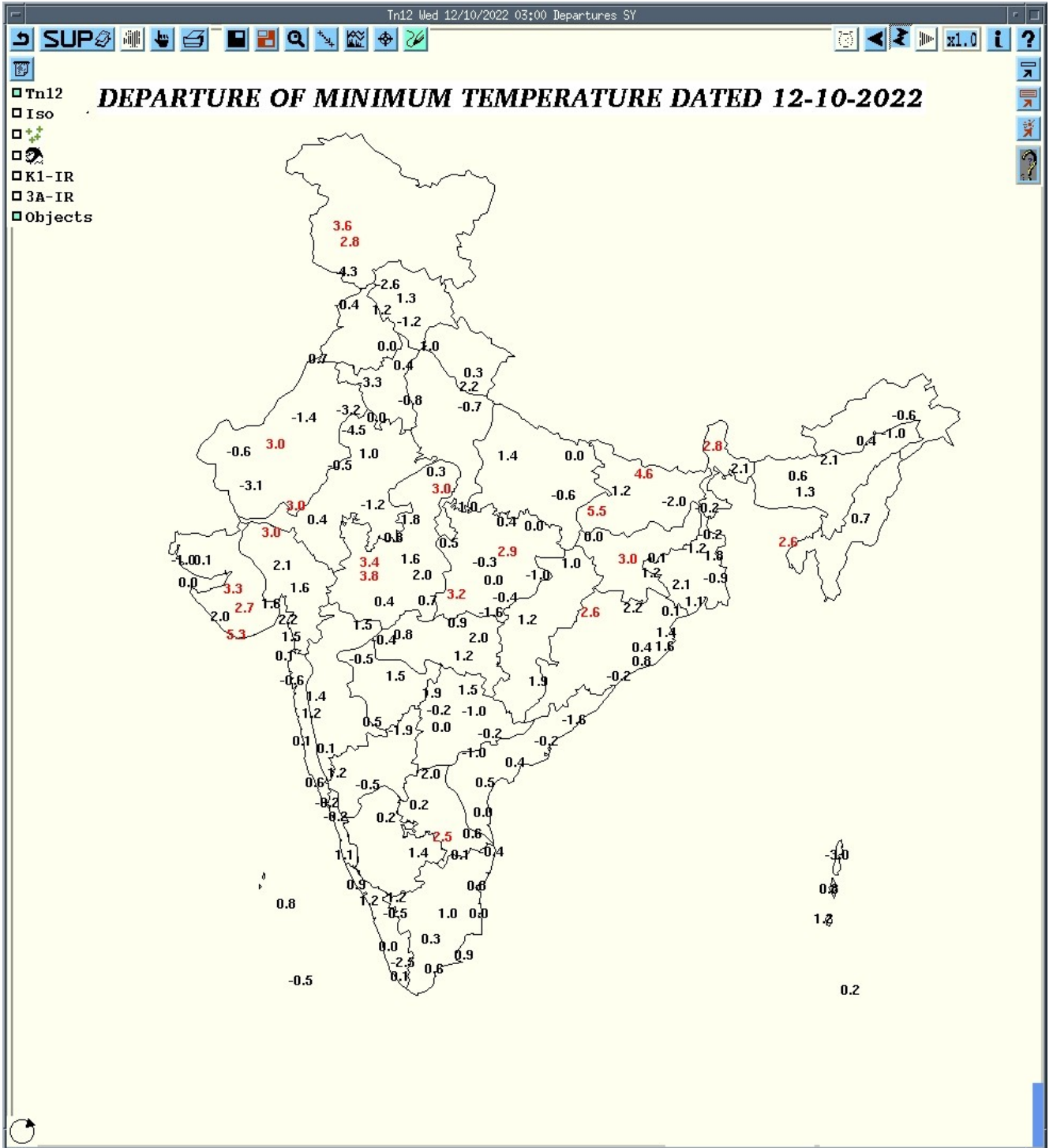
Fig. 5 : Departure from Normal of Maximum Temperatures



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Fig. 6 : Departure from Normal of Minimum Temperatures



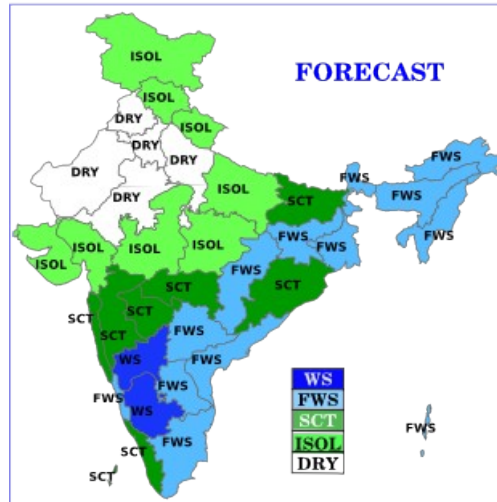
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(Created by the Meteosoft-1977)

Thursday 13 October 2022



13 Oct (Day 1): ♦ Heavy rainfall at isolated places very likely over Arunachal Pradesh, Assam & Meghalaya, Rayalaseema, Interior Karnataka and Tamil Nadu, Puducherry & Karaikal.

♦ **Thunderstorm accompanied with lightning** at isolated places very likely over Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad, Himachal Pradesh, Uttarakhand, Vidarbha, Chhattisgarh, Bihar, Jharkhand, West Bengal & Sikkim, Odisha, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Madhya Maharashtra, Marathwada, Konkan & Goa, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Karnataka, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe.

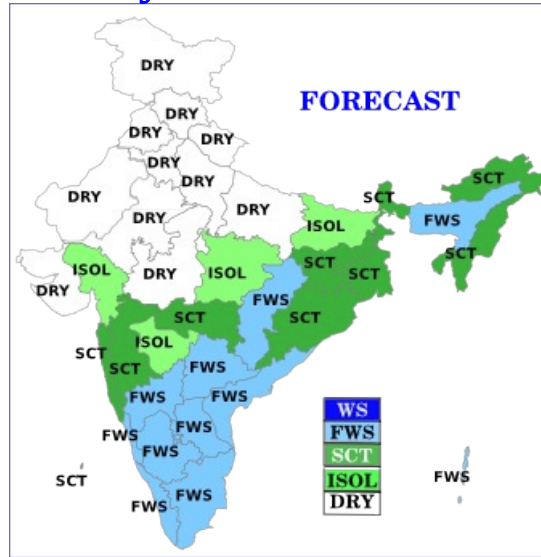
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Friday 14 October 2022



14 Oct (Day 2): ♦ Heavy rainfall at isolated places very likely over South Interior Karnataka and Tamil Nadu, Puducherry & Karaikal.

♦ Thunderstorm accompanied with lightning at isolated places very likely over Chhattisgarh, Jharkhand, Odisha, Madhya Maharashtra, Konkan & Goa, South Interior Karnataka, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe.

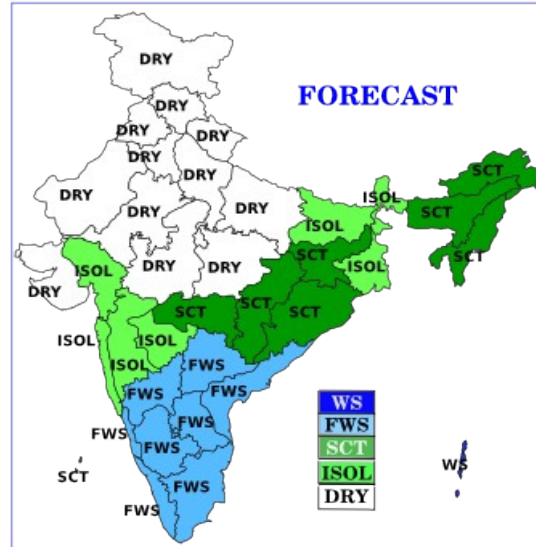
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Saturday 15 October 2022



15 Oct (Day 3): ♦ Heavy rainfall at isolated places likely over Andaman & Nicobar Islands, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe.

♦ Thunderstorm accompanied with lightning at isolated places likely over Chhattisgarh, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe.

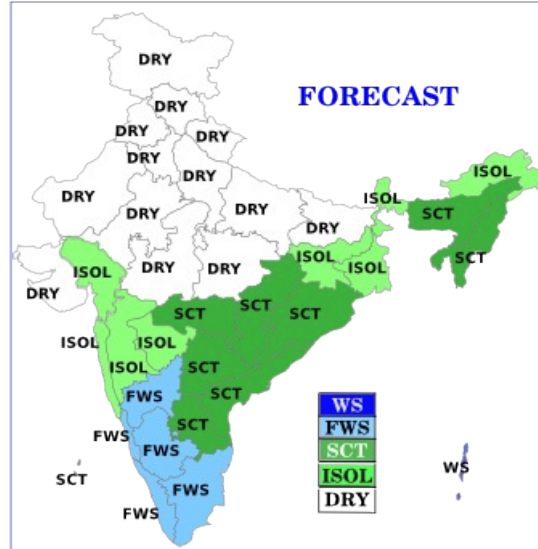
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Sunday 16 October 2022



16 Oct (Day 4): ♦ Heavy rainfall at isolated places likely over Andaman & Nicobar Islands, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe.

♦ **Thunderstorm accompanied with lightning** at isolated places likely over Chhattisgarh, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe.

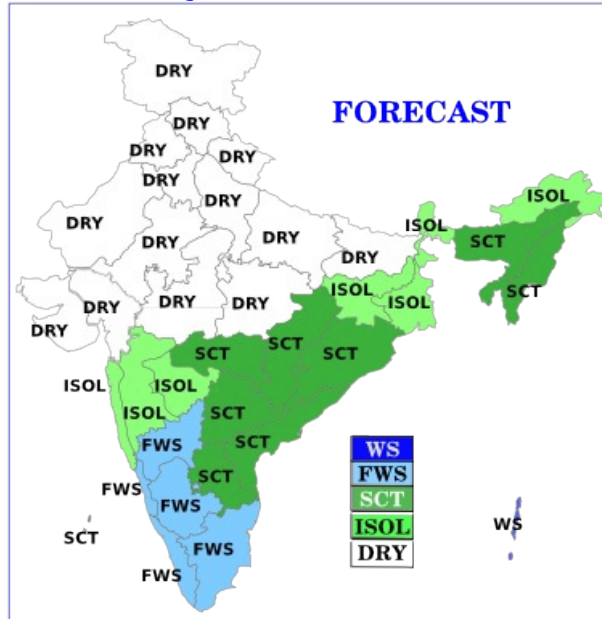
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Monday 17 October 2022



17 Oct (Day 5): ♦ **Heavy rainfall** at isolated places likely over Andaman & Nicobar Islands, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe.

♦ **Thunderstorm accompanied with lightning** at isolated places likely over Chhattisgarh, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe.

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LEGENDS

- 1 अंडमान और निकोबार द्वीप समूह
- 2 अरुणाचल प्रदेश
- 3 असम और मेघालय
- 4 नागालैंड मनीपुर मीजोरम और त्रिपुरा
- 5 उप हिमालय पश्चिम बंगाल एंवम् सिक्किम
- 6 पश्चिम गंगोय बंगाल
- 7 ओडिशा
- 8 झारखंड
- 9 बिहार
- 10 पूर्वी उत्तर प्रदेश
- 11 पश्चिम उत्तर प्रदेश
- 12 उत्तराखंड
- 13 हरियाणा चंडिगढ़ एंवम् दिल्ली
- 14 पंजाब
- 15 हिमाचल प्रदेश
- 16 जम्मू एंवम् कश्मीर एंवम् लद्दाख
- 17 पश्चिम राजस्थान
- 18 पूर्वी राजस्थान
- 19 पश्चिम मध्य प्रदेश
- 20 पूर्वी मध्य प्रदेश
- 21 गुजरात क्षेत्र
- 22 सौराष्ट्र एंवम् कच्छ
- 23 कोंकण एंवम् गोवा
- 24 मध्य महाराष्ट्र
- 25 मराठावाडा
- 26 विदर्भ
- 27 छत्तीसगढ़
- 28 तटीय आंध्र प्रदेश एवं यनम
- 29 तेलंगाना
- 30 रायलसीमा
- 31 तमिलनाडु, पुदुचेरी एंवम् कराईकल
- 32 तटिय कर्नाटक
- 33 आंतरिक उत्तरी कर्नाटक
- 34 आंतरिक दक्षिणी कर्नाटक
- 35 केरल एंवम् माहे
- 36 लक्षद्वीप



1. Andaman & Nicobar Islands
2. Arunachal Pradesh
3. Assam & Meghalaya
4. Nagaland, Manipur, Mizoram & Tripura
5. Sub-Himalayan West Bengal & Sikkim
6. Gangetic West Bengal
7. Orissa
8. Jharkhand
9. Bihar
10. East Uttar Pradesh
11. West Uttar Pradesh
12. Uttarakhand
13. Haryana, Chd & Delhi
14. Punjab
15. Himachal Pradesh
16. Jammu & Kashmir and Ladakh
17. West Rajasthan
18. East Rajasthan
19. West Madhya Pradesh
20. East Madhya Pradesh
21. Gujarat
22. Saurashtra
23. Konkan & Goa
24. Madhya Maharashtra
25. Marathawada
26. Vidharbha
27. Chhattisgarh
28. Coastal Andhra Pradesh & Yanam
29. Telangana
30. Rayalaseema
31. Tamilnadu, Puducherry & Karaikal
32. Coastal Karnataka
33. North Interior Karnataka
34. South Interior Karnataka
35. Kerala & Mahe
36. Lakshadweep

SPATIAL DISTRIBUTION (% of Stations reporting)

% 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)

WARNING

WARNING (TAKE ACTION)
ALERT (BE PREPARED)
WATCH (BE UPDATED)
NO WARNING (NO ACTION)

Probabilistic Forecast

Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75



Heavy Rain



Heavy Snow



Thunderstorm



Dust Storm



Strong Winds



Visibility



Cyclone



Squall/ Hail



Frost



Cold Wave



Heat Wave



Sea State

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(Copies to the Meteorologist (GPO))

LEGENDS

WARNING

WARNING (TAKE ACTION)
ALERT (BE PREPARED)
WATCH (BE UPDATED)
NO WARNING (NO ACTION)

Probabilistic Forecast

Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75



Rain/ Snow *

Heavy: 64.5 to 115.5 mm/cm *
Very Heavy: 115.6 to 204.4 mm/cm *
Extremely Heavy: > 204.4 mm/cm *



Heat Wave

When maximum temperature of a station reaches $\geq 40^{\circ}\text{C}$ for plains and $\geq 30^{\circ}\text{C}$ for hilly regions

(a) Based on Departure from normal

Heat Wave: Maximum Temperature Departure from normal 4.5°C to 6.4°C .

Severe Heat Wave: Maximum Temperature Departure from normal $\geq 6.5^{\circ}\text{C}$

(b). Based on Actual maximum temperature

Heat Wave: When actual maximum temperature $\geq 45^{\circ}\text{C}$.

Severe Heat Wave: When actual maximum temperature $\geq 47^{\circ}\text{C}$

(c) Criteria for heat wave for coastal stations

When maximum temperature departure is $> 4.5^{\circ}\text{C}$ from normal. Heat Wave may be described provided maximum temperature $\geq 37^{\circ}\text{C}$



Warm Night

When maximum temperature remains 40°C

Warm Night: When minimum temperature departure 4.5°C to 6.4°C .

Severe Warm Night: When minimum temperature departure $> 6.4^{\circ}\text{C}$.



Cold Wave

When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ for hilly regions.

(a). Based on departure

Cold Wave: Minimum Temperature Departure from normal -4.5°C to -6.4°C .

Severe Cold Wave: Minimum Temperature Departure from normal $\geq -6.5^{\circ}\text{C}$

(b) Based on actual Minimum Temperature (for Plains only)

Cold Wave : When Minimum Temperature is $\leq 4.0^{\circ}\text{C}$

Severe Cold Wave: When Minimum Temperature is $\leq 2.0^{\circ}\text{C}$

(c) For Coastal Stations

When Minimum Temperature departure is $\leq -4.5^{\circ}\text{C}$ or actual Minimum Temperature is $\leq 15^{\circ}\text{C}$



Cold Day

When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ for hilly regions

Based on departure

Cold Day: Maximum Temperature Departure from normal -4.5°C to -6.4°C .

Severe Cold Day: Maximum Temperature Departure from normal $\leq -6.5^{\circ}\text{C}$



Fog

Phenomenon of small droplets suspended in air and the horizontal visibility $< 1\text{km}$

Moderate Fog: When the visibility between 500-200 metres

Dense Fog: when the visibility between 50- 200 metres

Very Dense Fog: when the visibility < 50 metres



Thunderstorm

Sudden electrical discharges manifested by a flash of light (Lightning) and a sharp rumbling sound (thunder)



Dust/Sand Storm

An ensemble of particles of dust or sand energetically lifted to great heights by a strong and turbulent wind.



Frost

Ice deposits on ground

Air temperature $\leq 4^{\circ}\text{C}$ (over Plains)



Squall

A strong wind that rises suddenly, lasts for atleast 1 minute.

Moderate: Wind speed 52-61 kmph

Severe: Wind speed 62-87 kmph

Very Severe: Wind speed > 87 kmph



Sea State

Effect of various waves in the sea over specific area

Rough to very rough: Wind speed 41-62 kmph (22-33 knots) & Wave height 2.5-6 metre

High to very high: Wind speed 63-117 kmph (34-63 knots) & Wave height 6-14 metre

Phenomenal: Wind speed > 117 kmph (> 63 knots) & Wave height > 14 metre



Cyclone

Cyclonic Storm: Wind speed 62-87 kmph (34-47 knots)

Severe Cyclonic Storm: Wind speed 88-117 kmph (48-63 knots)

Very Severe Cyclonic Storm: Wind speed 118-165 kmph (64 - 89 knots)

Extremely Severe Cyclonic Storm: Wind speed 166-220 kmph (90 -119 knots)

Super Cyclone Storm: Wind speed > 220 kmph (> 119 knots)

* Red color warning does not mean "Red Alert" Red color warning means "Take Action".

Forecast and Warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

For more details kindly visit www.imd.gov.in or contact : +91 11 24631913, 24643965, 24629798

(Created by the Meteorology Dept.)