

भारत सरकार
पृथ्वी विज्ञान मंत्रालय
भारत मौसम विज्ञान विभाग
प्रदेशिक मौसम केंद्र, नागपूर

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Time: 12:32 HRS IST

WEATHER SUMMARY AND WEATHER FORECAST BULLETIN FOR VIDARBHA

Synoptic Observation (Based on 0830 Hours IST Observation)

- ❖ The Western Disturbance as an upper air cyclonic circulation over north Punjab & neighbourhood between 1.5 & 3.1 km above mean sea level persists with the trough aloft middle and upper level westerlies with its axis at 5.8 km above mean sea level now runs roughly along Long. 70°E to the north of Lat. 25°N.
- ❖ The trough from Marathwada to South Interior Karnataka now seen from Marathwada to North Interior Tamilnadu across Interior Karnataka at 0.9 km above mean sea level.
- ❖ The upper air cyclonic circulation over south Haryana & neighbourhood at 0.9 km above mean sea level persists.
- ❖ The trough in lower level westerlies with its axis roughly along Long. 93°E to the north of Lat. 22°N between 3.1 & 5.8 km above mean sea level persists.

Main Weather Observations

Rainfall distribution was dry, with nil intensity over Vidarbha. No large change in Maximum Temperature over Vidarbha and were appreciably above normal. No large change in Minimum Temperature over Vidarbha and was normal. The highest maximum temperature were recorded for Akola (41.6 °C) and lowest minimum temperature was recorded for Washim (17.8 °C) station of Vidarbha.

Rainfall (in Centimeter)

"Chief Amount of Rainfall (1 cm & above):

NONE

<https://mausam.imd.gov.in/nagpur/>

<https://imdnagpur.gov.in/>

<https://x.com/imdnagpur/>

Please follow the next page for Forecast and Warning

अगले सात दिनों का जिलेवार वर्षा का पूर्वानुमान विदर्भ के लिए

		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
		15 March 2026	16 March 2026	17 March 2026	18 March 2026	19 March 2026	20 March 2026	21 March 2026
पूर्वी विदर्भ	नागपुर	एक-दो स्थान पर	शुष्क	शुष्क	कुछ स्थानों पर	कुछ स्थानों पर	एक-दो स्थान पर	शुष्क
	वर्धा	एक-दो स्थान पर	शुष्क	एक-दो स्थान पर	कुछ स्थानों पर	कुछ स्थानों पर	एक-दो स्थान पर	शुष्क
	भंडारा	शुष्क	शुष्क	शुष्क	कुछ स्थानों पर	कुछ स्थानों पर	एक-दो स्थान पर	शुष्क
	गोंदिया	शुष्क	एक-दो स्थान पर	शुष्क	कुछ स्थानों पर	कुछ स्थानों पर	एक-दो स्थान पर	एक-दो स्थान पर
	चंद्रपुर	एक-दो स्थान पर	एक-दो स्थान पर	एक-दो स्थान पर	कुछ स्थानों पर	कुछ स्थानों पर	एक-दो स्थान पर	शुष्क
पश्चिमी विदर्भ	गढ़चिरोली	एक-दो स्थान पर	एक-दो स्थान पर	शुष्क	एक-दो स्थान पर	एक-दो स्थान पर	एक-दो स्थान पर	एक-दो स्थान पर
	अमरावती	शुष्क	शुष्क	शुष्क	एक-दो स्थान पर	कुछ स्थानों पर	एक-दो स्थान पर	शुष्क
	अकोला	शुष्क	शुष्क	शुष्क	शुष्क	एक-दो स्थान पर	एक-दो स्थान पर	शुष्क
	यवतमाल	एक-दो स्थान पर	एक-दो स्थान पर	एक-दो स्थान पर	कुछ स्थानों पर	एक-दो स्थान पर	एक-दो स्थान पर	शुष्क
	बुलढाणा	शुष्क	शुष्क	शुष्क	शुष्क	एक-दो स्थान पर	एक-दो स्थान पर	शुष्क
वाशिम	शुष्क	शुष्क	शुष्क	शुष्क	एक-दो स्थान पर	एक-दो स्थान पर	शुष्क	

Districtwise Precipitation Forecast for Next Seven Days for Vidarbha

		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
		15 March 2026	16 March 2026	17 March 2026	18 March 2026	19 March 2026	20 March 2026	21 March 2026
East Vidarbha	Nagpur	ISOL	DRY	DRY	SCT	SCT	ISOL	DRY
	Wardha	ISOL	DRY	ISOL	SCT	SCT	ISOL	DRY
	Bhandara	DRY	DRY	DRY	SCT	SCT	ISOL	DRY
	Gondia	DRY	ISOL	DRY	SCT	SCT	ISOL	ISOL
	Chandrapur	ISOL	ISOL	ISOL	SCT	SCT	ISOL	DRY
West Vidarbha	Gadchiroli	ISOL	ISOL	DRY	ISOL	ISOL	ISOL	ISOL
	Amravati	DRY	DRY	DRY	ISOL	SCT	ISOL	DRY
	Akola	DRY	DRY	DRY	DRY	ISOL	ISOL	DRY
	Yavatmal	ISOL	ISOL	ISOL	SCT	ISOL	ISOL	DRY
	Buldhana	DRY	DRY	DRY	DRY	ISOL	ISOL	DRY
Washim	DRY	DRY	DRY	DRY	ISOL	ISOL	DRY	

पुढील सात दिवसांचा जिल्हाचा पावसाचा अंदाज विदर्भसाठी

		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
		15 March 2026	16 March 2026	17 March 2026	18 March 2026	19 March 2026	20 March 2026	21 March 2026
पूर्वी विदर्भ	नागपुर	तुळक	कोरडे	कोरडे	विरळ	विरळ	तुळक	कोरडे
	वर्धा	तुळक	कोरडे	तुळक	विरळ	विरळ	तुळक	कोरडे
	भंडारा	कोरडे	कोरडे	कोरडे	विरळ	विरळ	तुळक	कोरडे
	गोंदिया	कोरडे	तुळक	कोरडे	विरळ	विरळ	तुळक	तुळक
	चंद्रपुर	तुळक	तुळक	तुळक	विरळ	विरळ	तुळक	कोरडे
पश्चिमी विदर्भ	गढ़चिरोली	तुळक	तुळक	कोरडे	तुळक	तुळक	तुळक	तुळक
	अमरावती	कोरडे	कोरडे	कोरडे	तुळक	विरळ	तुळक	कोरडे
	अकोला	कोरडे	कोरडे	कोरडे	कोरडे	तुळक	तुळक	कोरडे
	यवतमाल	तुळक	तुळक	तुळक	विरळ	तुळक	तुळक	कोरडे
	बुलढाणा	कोरडे	कोरडे	कोरडे	कोरडे	तुळक	तुळक	कोरडे
वाशिम	कोरडे	कोरडे	कोरडे	कोरडे	तुळक	तुळक	कोरडे	

Weather Warning Forecast for Next Seven Days for Vidarbha Met Subdivision

		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
		15 March 2026	16 March 2026	17 March 2026	18 March 2026	19 March 2026	20 March 2026	21 March 2026
Vidarbha Met Subdivision		Heat Wave and Thunderstorm with lightning & Gusty Winds (speed reaching 40-50 kmph) at one or two places.	Heat Wave and Thunderstorm with lightning & Gusty Winds (speed reaching 30-40 kmph) at one or two places.	Heat Wave and Thunderstorm with lightning & Gusty Winds (speed reaching 30-40 kmph) at one or two places.	Thunderstorm with lightning & Gusty Winds (speed reaching 40-50 kmph) at one or two places.	Thunderstorm with lightning & Gusty Winds (speed reaching 40-50 kmph) at one or two places.	Thunderstorm with lightning & Gusty Winds (speed reaching 40-50 kmph) at one or two places.	Thunderstorm with lightning & Gusty Winds (speed reaching 40-50 kmph) at one or two places.

Legends

Distribution of Rainfall

Abbreviation	Meaning (English/हिंदी/मराठी)	% of stations where rainfall is expected
WS	Widespread/ Most Places/ अधिकांश स्थानों पर/ सर्वत्र	76 - 100
FWS	Fairly Widespread / Many places/ बहुत स्थानों पर/ बहुदा सर्वत्र	51-75
SCT	Scattered/ Few places/ कुछ स्थानों पर/ विरळ	26-50
ISOL	Isolated/ one or two places/ एक-दो स्थान पर/ तुळक	1-25
DRY	Dry/ शुष्क/ कोरडे	No Rain

Intensity of Rainfall

Terms	Criteria	हिंदी में	मराठीत
Heavy Rain	64.5 - 115.5 mm	भारी वर्षा	जोरदार पाऊस
Very Heavy Rain	115.6 - 204.4 mm	बहुत भारी वर्षा	खूप जोरदार पाऊस
Extremely Heavy Rain	≥204.5 mm	अत्यधिक भारी वर्षा	अत्यंत जोरदार पाऊस

Warning

WARNING (TAKE ACTION)	(कार्यवाही करें)
ALERT (BE PREPARED TO TAKE ACTION)	(कार्यवाही करने के लिए तैयार रहें)
WATCH (BE AWARE)	(सतर्क रहें)
NO WARNING (NO ACTION)	(कोई कार्यवाही नहीं)

विदर्भ के लिए अगले पांच दिनों के लिए जिलेवार वर्षा की चेतावनी, अगले पृष्ठ से देखें

ज़िला	15-Mar Today	16-Mar Mon	17-Mar Tue	18-Mar Wed	19-Mar Thu	
अमरावती	वर्षा	शुष्क	शुष्क	शुष्क	एक-दो स्थान पर	कुछ स्थानों पर
	तीव्रता	-	-	-	हल्की से मध्यम	हल्की से मध्यम
	संभावना	अधिक संभावना	अधिक संभावना	अधिक संभावना	अधिक संभावना	अधिक संभावना
	चेतावनी	एक या दो स्थानों पर उष्ण लहर ।	कोई चेतावनी नहीं।	कोई चेतावनी नहीं।	कोई चेतावनी नहीं।	कोई चेतावनी नहीं।
अकोला	वर्षा	शुष्क	शुष्क	शुष्क	शुष्क	एक-दो स्थान पर
	तीव्रता	-	-	-	-	हल्की से मध्यम
	संभावना	अधिक संभावना	अधिक संभावना	अधिक संभावना	अधिक संभावना	अधिक संभावना
	चेतावनी	एक या दो स्थानों पर उष्ण लहर ।	कोई चेतावनी नहीं।	कोई चेतावनी नहीं।	कोई चेतावनी नहीं।	कोई चेतावनी नहीं।
यवतमाल	वर्षा	शुष्क	एक-दो स्थान पर	एक-दो स्थान पर	कुछ स्थानों पर	एक-दो स्थान पर
	तीव्रता	-	हल्की	हल्की	हल्की से मध्यम	हल्की से मध्यम
	संभावना	अधिक संभावना	अधिक संभावना	अधिक संभावना	अधिक संभावना	अधिक संभावना
	चेतावनी	एक-दो स्थानों पर गरज-चमक तथा तेज हवा (गति 40-50किमी प्रति घंटे तक) चलने की संभावना ।	एक-दो स्थानों पर गरज-चमक तथा तेज हवा (गति 30-40किमी प्रति घंटे तक) चलने की संभावना ।	एक-दो स्थानों पर गरज-चमक तथा तेज हवा (गति 30-40किमी प्रति घंटे तक) चलने की संभावना ।	एक-दो स्थानों पर गरज-चमक तथा तेज हवा (गति 40-50किमी प्रति घंटे तक) चलने की संभावना ।	कोई चेतावनी नहीं।
बुलढाणा	वर्षा	शुष्क	शुष्क	शुष्क	शुष्क	एक-दो स्थान पर
	तीव्रता	-	-	-	-	हल्की से मध्यम
	संभावना	अधिक संभावना	अधिक संभावना	अधिक संभावना	अधिक संभावना	अधिक संभावना
	चेतावनी	कोई चेतावनी नहीं।	कोई चेतावनी नहीं।	कोई चेतावनी नहीं।	कोई चेतावनी नहीं।	कोई चेतावनी नहीं।
वाशिम	वर्षा	शुष्क	शुष्क	शुष्क	शुष्क	एक-दो स्थान पर
	तीव्रता	-	-	-	-	हल्की से मध्यम
	संभावना	अधिक संभावना	अधिक संभावना	अधिक संभावना	अधिक संभावना	अधिक संभावना
	चेतावनी	कोई चेतावनी नहीं।	कोई चेतावनी नहीं।	कोई चेतावनी नहीं।	कोई चेतावनी नहीं।	कोई चेतावनी नहीं।



Districtwise Precipitation Forecast and Warning for Vidarbha for next five days

There will be no large change in Maximum Temperature in next 24 hours , thereafter it falls by 2-4°C in subsequent days over Vidharbha Region. There will be no large change in minimum Temperature for next seven days over Vidharbha Region.

Sunday, 15 March 2026

Time: 15:23 Hrs IST

Districts		15-Mar Today	16-Mar Mon	17-Mar Tue	18-Mar Wed	19-Mar Thu
Nagpur	Rainfall	Dry	Dry	Dry	Few places	Few places
	Intensity	-	-	-	Light to moderate	Light to moderate
	Probability	Very likely	Very likely	Very likely	Very likely	Very likely
	Warning	Thunderstorm with lightning & Gusty Winds (speed reaching 40-50 kmph) at one or two places.	NO WARNING	NO WARNING	Thunderstorm with lightning & Gusty Winds (speed reaching 40-50 kmph) at one or two places.	Thunderstorm with lightning & Gusty Winds (speed reaching 40-50 kmph) at one or two places.
Wardha	Rainfall	Dry	Dry	One/two places	Few places	Few places
	Intensity	-	-	Light	Light to moderate	Light to moderate
	Probability	Very likely	Very likely	Very likely	Very likely	Very likely
	Warning	Thunderstorm with lightning & Gusty Winds (speed reaching 40-50 kmph) at one or two places. Heat Wave at one or two pockets.	NO WARNING	Thunderstorm with lightning & Gusty Winds (speed reaching 30-40 kmph) at one or two places.	Thunderstorm with lightning & Gusty Winds (speed reaching 40-50 kmph) at one or two places.	Thunderstorm with lightning & Gusty Winds (speed reaching 40-50 kmph) at one or two places.
Bhandara	Rainfall	Dry	Dry	Dry	Few places	Few places
	Intensity	-	-	-	Light to moderate	Light to moderate
	Probability	Very likely	Very likely	Very likely	Very likely	Very likely
	Warning	NO WARNING	NO WARNING	NO WARNING	Thunderstorm with lightning & Gusty Winds (speed reaching 40-50 kmph) at one or two places.	Thunderstorm with lightning & Gusty Winds (speed reaching 40-50 kmph) at one or two places.
Gondia	Rainfall	Dry	One/two places	Dry	Few places	Few places
	Intensity	-	Light	-	Light to moderate	Light to moderate
	Probability	Very likely	Very likely	Very likely	Very likely	Very likely
	Warning	NO WARNING	Thunderstorm with lightning & Gusty Winds (speed reaching 30-40 kmph) at one or two places.	NO WARNING	Thunderstorm with lightning & Gusty Winds (speed reaching 40-50 kmph) at one or two places.	Thunderstorm with lightning & Gusty Winds (speed reaching 40-50 kmph) at one or two places.
Chandrapur	Rainfall	One/two places	One/two places	One/two places	Few places	Few places
	Intensity	Light	Light	Light	Light to moderate	Light to moderate
	Probability	Very likely	Very likely	Very likely	Very likely	Very likely
	Warning	Thunderstorm with lightning & Gusty Winds (speed reaching 40-50 kmph) at one or two places.	Thunderstorm with lightning & Gusty Winds (speed reaching 30-40 kmph) at one or two places.	Thunderstorm with lightning & Gusty Winds (speed reaching 30-40 kmph) at one or two places.	Thunderstorm with lightning & Gusty Winds (speed reaching 40-50 kmph) at one or two places.	Thunderstorm with lightning & Gusty Winds (speed reaching 40-50 kmph) at one or two places.
Gadchiroli	Rainfall	One/two places	One/two places	Dry	One/two places	One/two places
	Intensity	Light	Light	-	Light to moderate	Light to moderate
	Probability	Very likely	Very likely	Very likely	Very likely	Very likely
	Warning	Thunderstorm with lightning & Gusty Winds (speed reaching 40-50 kmph) at one or two places.	Thunderstorm with lightning & Gusty Winds (speed reaching 30-40 kmph) at one or two places.	Thunderstorm with lightning & Gusty Winds (speed reaching 30-40 kmph) at one or two places.	NO WARNING	NO WARNING

Districts		15-Mar Today	16-Mar Mon	17-Mar Tue	18-Mar Wed	19-Mar Thu
Amravati	Rainfall	Dry	Dry	Dry	One/two places	Few places
	Intensity	-	-	-	Light to moderate	Light to moderate
	Probability	Very likely	Very likely	Very likely	Very likely	Very likely
	Warning	Heat Wave at one or two pockets.	NO WARNING	NO WARNING	NO WARNING	NO WARNING
Akola	Rainfall	Dry	Dry	Dry	Dry	One/two places
	Intensity	-	-	-	Dry	Light to moderate
	Probability	Very likely	Very likely	Very likely	Very likely	Very likely
	Warning	Heat Wave at one or two pockets.	NO WARNING	NO WARNING	NO WARNING	NO WARNING
Yavatmal	Rainfall	Dry	One/two places	One/two places	Few places	One/two places
	Intensity	-	Light	Light	Light to moderate	Light to moderate
	Probability	Very likely	Very likely	Very likely	Very likely	Very likely
	Warning	Thunderstorm with lightning & Gusty Winds (speed reaching 40-50 kmph) at one or two places.	Thunderstorm with lightning & Gusty Winds (speed reaching 30-40 kmph) at one or two places.	Thunderstorm with lightning & Gusty Winds (speed reaching 30-40 kmph) at one or two places.	Thunderstorm with lightning & Gusty Winds (speed reaching 40-50 kmph) at one or two places.	NO WARNING
Buldhana	Rainfall	Dry	Dry	Dry	Dry	One/two places
	Intensity	-	-	-	-	Light to moderate
	Probability	Very likely	Very likely	Very likely	Very likely	Very likely
	Warning	NO WARNING	NO WARNING	NO WARNING	NO WARNING	NO WARNING
Washim	Rainfall	Dry	Dry	Dry	Dry	One/two places
	Intensity	-	-	-	-	Light to moderate
	Probability	Very likely	Very likely	Very likely	Very likely	Very likely
	Warning	NO WARNING	NO WARNING	NO WARNING	NO WARNING	NO WARNING

ज़िला	15-Mar Today	16-Mar Mon	17-Mar Tue	18-Mar Wed	19-Mar Thu	
अमरावती	वर्षा	कोरडे	कोरडे	कोरडे	तुरळक	विरळ
	तीव्रता	-	-	-	हलका ते मध्यम	हलका ते मध्यम
	सम्भाव्यता	अत्यधिक संभावना	अत्यधिक संभावना	अत्यधिक संभावना	अत्यधिक संभावना	अत्यधिक संभावना
	चेतावनी	एक-दोन ठिकाणी उष्णतेची लाट ।	चेतावणी नाही।	चेतावणी नाही।	चेतावणी नाही।	चेतावणी नाही।
अकोला	वर्षा	कोरडे	कोरडे	कोरडे	कोरडे	तुरळक
	तीव्रता	-	-	-	-	हलका ते मध्यम
	सम्भाव्यता	अत्यधिक संभावना	अत्यधिक संभावना	अत्यधिक संभावना	अत्यधिक संभावना	अत्यधिक संभावना
	चेतावनी	एक-दोन ठिकाणी उष्णतेची लाट ।	चेतावणी नाही।	चेतावणी नाही।	चेतावणी नाही।	चेतावणी नाही।
यवतमाळ	वर्षा	कोरडे	तुरळक	तुरळक	विरळ	तुरळक
	तीव्रता	-	हलका	हलका	हलका ते मध्यम	हलका ते मध्यम
	सम्भाव्यता	अत्यधिक संभावना	अत्यधिक संभावना	अत्यधिक संभावना	अत्यधिक संभावना	अत्यधिक संभावना
	चेतावनी	एक-दोन ठिकाणी विजांच्या कडकडाटासह मेघगर्जना व ताशी 40-50 किमी वेगाने जोरदार वारे वाहण्याची शक्यता आहे.	एक-दोन ठिकाणी विजांच्या कडकडाटासह मेघगर्जना व ताशी 30-40 किमी वेगाने जोरदार वारे वाहण्याची शक्यता आहे.	एक-दोन ठिकाणी विजांच्या कडकडाटासह मेघगर्जना व ताशी 30-40 किमी वेगाने जोरदार वारे वाहण्याची शक्यता आहे.	एक-दोन ठिकाणी विजांच्या कडकडाटासह मेघगर्जना व ताशी 40-50 किमी वेगाने जोरदार वारे वाहण्याची शक्यता आहे.	चेतावणी नाही।
बुलढाणा	वर्षा	कोरडे	कोरडे	कोरडे	कोरडे	तुरळक
	तीव्रता	-	-	-	-	हलका ते मध्यम
	सम्भाव्यता	अत्यधिक संभावना	अत्यधिक संभावना	अत्यधिक संभावना	अत्यधिक संभावना	अत्यधिक संभावना
	चेतावनी	चेतावणी नाही।	चेतावणी नाही।	चेतावणी नाही।	चेतावणी नाही।	चेतावणी नाही।
वाशिम	वर्षा	कोरडे	कोरडे	कोरडे	कोरडे	तुरळक
	तीव्रता	-	-	-	-	हलका ते मध्यम
	सम्भाव्यता	अत्यधिक संभावना	अत्यधिक संभावना	अत्यधिक संभावना	अत्यधिक संभावना	अत्यधिक संभावना
	चेतावनी	चेतावणी नाही।	चेतावणी नाही।	चेतावणी नाही।	चेतावणी नाही।	चेतावणी नाही।

Legends :

Distribution of Rainfall

Abbreviation	Meaning	% of stations where rainfall is expected
WS	Widspread/ Most Places/ अधिकांश स्थानों पर/ सर्वत्र	76 - 100
FWS	Fairly Widespread / Many places/ बहुत स्थानों पर/ बहुदा सर्वत्र	51-75
SCT	Scattered/ Few places/ कुछ स्थानों पर/ विरल	26-50
ISOL	Isolated/ one or two places/ एक-दो स्थान पर/ तुरळक	1-25
DRY	Dry/ शुष्क/ कोरडे	No Rain

Intensity of rainfall

Intensity of Rainfall/ वर्षा की तीव्रता	Rainfall amount/ वर्षा की मात्रा (mm)
Very light rain / बहुत हल्की वर्षा	0.1 - 2.4
Light rain / हल्की वर्षा	2.5 - 15.5
Moderate rain / मध्यम वर्षा	15.6 - 64.4
Heavy rain / भारी वर्षा	64.5 - 115.5
Very heavy rain / बहुत भारी वर्षा	115.6 - 204.4
Extremely Heavy rain / अत्यधिक भारी वर्षा	≥ 204.5
Exceptionally heavy rain / असामान्य भारी वर्षा	When the amount is a value near about the highest recorded rainfall at or near the station for the month or season. However, this term will be used only when the actual rainfall amount exceeds 12 cm.

Warning

Warning	Meaning in Hindi	Probability of Occurrence (%)	Term used	Meaning in hindi
WARNING (TAKE ACTION)	(कार्यवाही करें)	Unlikely	Unlikely	बहुत कम संभावना
ALERT (BE PREPARED TO TAKE ACTION)	(कार्यवाही करने के लिए तैयार रहें)	Likely	Likely	कुछ संभावना
WATCH (BE AWARE)	(सतर्क रहें)	Very Likely	Very Likely	बहुत संभावना
NO WARNING (NO ACTION)	(कोई कार्यवाही नहीं)	Most Likely	Most Likely	बहुत ज्यादा संभावना

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 $> -6.4^\circ\text{C}$ (b) Based on actual Minimum Temperature (for Plains only) Cold Wave: Minimum Temperature is $\leq 4.0^\circ\text{C}$ Severe Cold Wave: Minimum Temperature is $\leq 2.0^\circ\text{C}$ (c) For Costal Stations When Minimum Temperature Departure is $\leq -4.5^\circ\text{C}$ and actual Minimum Temperature is $\leq 15^\circ\text{C}$
	FOG Phenomenon of small droplets suspended in air and the horizontal visibility $< 1\text{ km}$ Moderate Fog: When the visibility is between 200-500 meter Dense Fog: When the visibility is between 50-200 meter Very Dense Fog: When the visibility is $< 50\text{ meter}$
GROUND FROST	Ice deposits on ground Air temperature $\leq 4^\circ\text{C}$ (over Plains)

COLD WAVE: IMPACT AND SUGGESTED ACTIONS

Colour Code	Alert	Warning	Impact	Suggested Actions
Green (No action)	Normal Day	Minimum temperatures are near normal	Comfortable temperature. No cautionary action required.	Nil
Yellow Alert (Be updated)	Cold Alert	Cold wave conditions at isolated pockets persists for 2 days	<ul style="list-style-type: none"> • Drop in temperatures leading to discomfort, especially during the night. • Increased incidences of respiratory illnesses. • Strain on vulnerable groups like the elderly and children. • Potential damage to crops, especially in northern plains. 	<ul style="list-style-type: none"> • Wear multiple layers of clothing to retain body heat. • Limit outdoor activities and cover extremities (hands, feet, ears, and head). • Use cloth or jute to cover sensitive plants and increase irrigation. • Ensure animals have a warm, dry shelter and adequate food. • Monitor elderly and children for signs of hypothermia.
Orange Alert (Be prepared)	Severe Cold Alert for the day	<p>(i) Severe cold wave conditions persists for 2 days.</p> <p>(ii) Though not severe, but cold wave persists for 4 days or more.</p>	<ul style="list-style-type: none"> • Intense cold causing prolonged discomfort and health risks, including hypothermia and frostbite. • Significant disruption in daily activities due to reduced visibility from fog. • Heavy strain on the power grid from increased demand for heating. • Greater crop damage, particularly to vegetables and wheat. 	<ul style="list-style-type: none"> • Avoid outdoor exposure; wear woolen socks, gloves, and insulated clothing. • Use polythene sheets to cover crops and apply anti-frost sprays. • Provide extra bedding and increase the calorie content in animal feed. • Keep livestock indoors and regularly check water sources for freezing. • Ensure indoor heating is safe and check on elderly family members regularly.
Red Alert (Take Action)	Extreme Cold Alert for the day	<p>(i) Severe cold wave persists for more than 2 days.</p> <p>(ii) Total number of cold/severe cold wave days exceeding 6 days.</p>	<ul style="list-style-type: none"> • Severe health risks with widespread hypothermia and death in extreme cases. • Major disruptions to transportation and infrastructure due to thick fog, icy conditions, and freezing temperatures. • Large-scale crop losses, including damage to fruit, vegetable, and rabi crops. • Economic loss due to halted construction activities, reduced labor efficiency, and energy 	<ul style="list-style-type: none"> • Stay indoors at all costs and use insulated clothing for maximum protection. • Provide fully insulated animal shelters with additional bedding for warmth. • Keep water from freezing for livestock and provide extra feed for energy. • Stock up on emergency supplies and ensure backup power in case of outages.

Damage associated with Thunderstorms/ गरज के साथ तूफान से जुड़े नुकसान

Category / wind speed	Structures	Communication & Power	Agriculture	Suggested Action
Light Thunderstorm/ हल्के गरज के साथ तूफान <41 kmph	Nil	Nil	Nil	Nil
Moderate Thunderstorms/ मध्यम गरज के साथ तूफान 41-61 kmph	Minor damage to loose/unsecured structures	Nil	Minor damage to banana tree. Damage to ripe paddy crops.	People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
Severe Thunderstorm/ तेज़ गरज के साथ तूफान 62-87 kmph	Damage to thatched hut.	Minor damage to power and communication lines due to breaking of branches.	Some damage to paddy crops, banana, papaya trees and orchards and standing crops.	People are advised to take shelter in pukka structures and avoid taking shelter under trees. Farming operations to be temporarily suspended during occurrence of event. Also move away from electric poles and wires.
Very Severe Thunderstorm/ बहुत तेज़ गरज के साथ तूफान > 87 kmph	Major damage to thatched houses/ huts. Roof tops may blow up. Unattached metal sheets may fly.	Minor damage to power and communication lines.	Breaking of tree branches, uprooting of large avenue trees. Moderate damage to banana and papaya trees. Large dead limbs blown from trees. Damage to standing crops.	People are advised to stay away from weak walls and structures and take shelter in pukka shelters. People in affected areas to remain indoors and avoid water bodies and flying projectiles. Farming operations to be temporarily suspended during occurrence of event.
Thunderstorm associated with hailstorm/ गरज और तूफान के साथ ओलावृष्टि	Minor damage to kutcha structures and tin and asbestos roofed houses, cars.		The fruit, vegetable and field crops at maturity stages are more prone to damage. Damage to standing crops.	People are advised to stay away from weak walls and structures and take shelter in pukka shelters. People in affected areas to remain indoors.

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