

Dated: 12.03.2025

Time of Issue: 1700 IST

PRESS RELEASE

Subject: Wet spell very likely over Himachal Pradesh from night of 12th March, 2025 till noon/evening of 16th March, 2025.

Weather System

- The Western disturbance as a cyclonic circulation now lies over West Afghanistan & neighbourhood at 3.1 km above mean sea level. Under the influence of this western disturbance and other favourable atmospheric conditions:

Fairly widespread to widespread precipitation activity accompanied with **thunderstorm, lightning and** very likely to commence over Himachal Pradesh **from the night of 12th Mar. till evening of 16th Mar. 2025.**

❖ Rainfall/Snowfall:

1. **Light snowfall** at many places with few spells of **moderate snowfall very likely** in the districts Lahaul-Spiti, Kinnaur and over the higher reaches of Kangra, Chamba, Shimla, Kullu districts from **morning of 13th Mar. till evening of 16th Mar. 2025.**
2. **Light rainfall very likely** over many places with few spells of **moderate rainfall accompanied with thunderstorm & lightning** in the districts of Solan, Hamirpur, Bilaspur & Una and in the remaining parts of Kangra, Chamba, Shimla, Mandi, Sirmaur and Kullu districts from **night of 12th Mar. till evening of 16th Mar. 2025.**
3. Few spells of **light snowfall** with one or two **moderate** spells very likely over **tourist destinations in the State at Manali, Solang Valley and Sissu & adjoining areas** and few spells of **light rain over Shimla City & adjoining areas** from **morning of 13th Mar. till evening of 16th Mar. 2025.**

Moderate spells of rain/snowfall over the region may lead to:

- ❖ Vehicles skidding due to slippery roads.
- ❖ Low visibility.
- ❖ Possibility of vehicle collision
- ❖ Traffic congestion.
- ❖ Localised essential services may affect.
- ❖ Routine outdoor business may affect.
- ❖ Essential services may affect at some locations

Therefore, it is advised to:

- ❖ Drive carefully.
- ❖ Limit outdoor activities during the event.
- ❖ Take adequate safety measures
- ❖ Follow the state government and concerned departments advisories.

❖ Temperatures

No large change in minimum temperatures during next 24 hours. Thereafter minimum temperatures likely to fall gradually by 2-3 °C during next subsequent 3-4 days. Maximum temperatures likely to fall gradually by 3-5 °C during next 2-3 days.

❖ Thunderstorm/Lightning (Yellow Alert)

Thunderstorm accompanied with lightning likely at isolated places over mid hills of the state from 12th to 13th March, 2025 and over lower hills/plain areas and mid hills of the state from 14th to 15th March, 2025. **(Impacts and advisories are attached in annexure).**

Expected Impact and Action suggested due to Thunderstorm/ Lightning conditions over Himachal Pradesh

Weather Warning	Affected areas	Impacts and advisories
Thunderstorm/ Lightning	Lower & Mid hills	<ul style="list-style-type: none">• Close windows and doors.• Stay indoors and avoid travel if possible.• Stay away from the water bodies and electrical equipments

DISTRICTWISE WEATHER FORECAST FOR THE NEXT 5 DAYS

DAY 1(UPTO 0830 IST OF 13.03.2025)



DAY 2(UPTO 0830 IST OF 14.03.2025)



DAY 3(UPTO 0830 IST OF 15.03.2025)



DAY 4(UPTO 0830 IST OF 16.03.2025)



DAY 5(UPTO 0830 IST OF 17.03.2025)



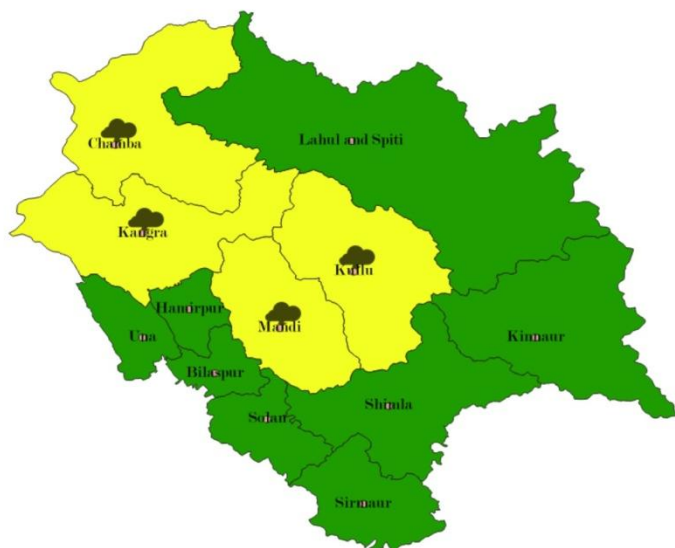
Legends

- DRY
- ISOL(0 TO 25%)
- SCT(26 TO 50%)
- FWS(51 TO 75%)
- WS(76 TO 100%)

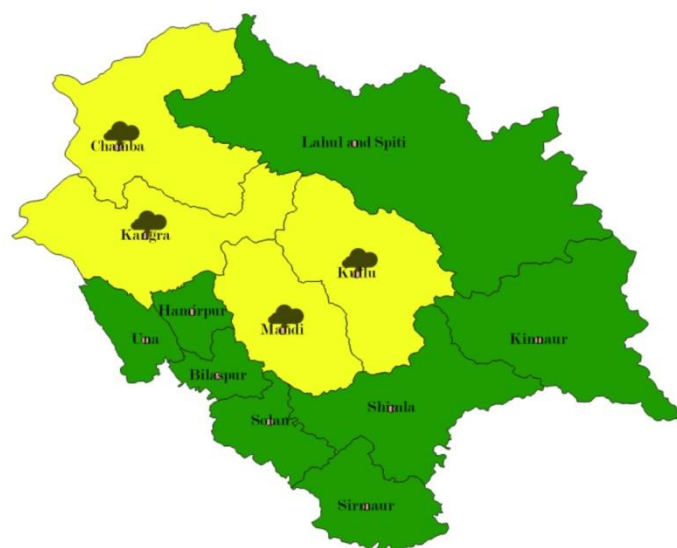
*percentage based on the number of stations reporting rainfall

DISTRICTWISE WEATHER WARNING FOR THE NEXT 5 DAYS

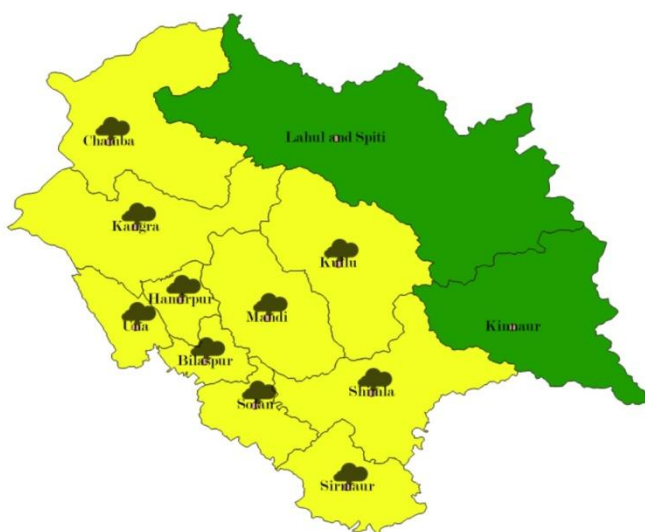
DAY 1(UPTO 0830 IST OF 13.03.2025)



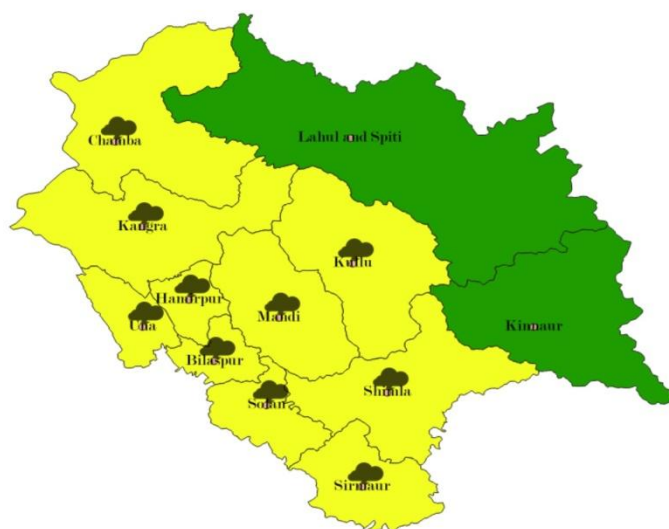
DAY 2(UPTO 0830 IST OF 14.03.2025)



DAY 3(UPTO 0830 IST OF 15.03.2025)



DAY 4(UPTO 0830 IST OF 16.03.2025)



DAY 5(UPTO 0830 IST OF 17.03.2025)



Legends

Warning

- NO WARNING (NO ACTION)-कोई कार्यवाही नहीं
- WATCH (BE UPDATED)-निगरानी रखे
- ALERT(BE PREPARED)-सतर्क रहे
- WARNING(TAKE ACTION)-कार्यवाही करे

legends

- THUNDERSTORM
- Heavy rain with thunderstorm
- SNOW
- Heavy to Very Rain with thunderstorm
- HEAT WAVE
- GUSTY WINDS(Wind speed 30-40kmph)
- HAIL
- COLD WAVE / COLD DAY
- FOG
- Ground Frost

Legends and Criteria:

Fog	Heavy Snow	Cold Wave	COLOUR CODED WARNING <div style="background-color: #90EE90; padding: 2px;">No Warning (No Action)</div> <div style="background-color: #FFFF00; padding: 2px;">Watch (Be Aware)</div> <div style="background-color: #FFA500; padding: 2px;">Alert (Be Prepared To Take Action)</div> <div style="background-color: #FF0000; padding: 2px;">Warning (Take Action)</div>										
Heavy Rain	Dust Storm	Cold Day											
Very Heavy Rain	Heat Wave	Ground Frost											
Extremely Heavy Rain	Warm Night												
Thunder & Lightning	Hot Day												
Hailstorm	Hot & Humid		Probabilistic Forecast <table border="1"> <thead> <tr> <th>Terms</th> <th>Probability of Occurrence (%)</th> </tr> </thead> <tbody> <tr> <td>Unlikely</td> <td>< 25</td> </tr> <tr> <td>Likely</td> <td>25 - 50</td> </tr> <tr> <td>Very Likely</td> <td>50 - 75</td> </tr> <tr> <td>Most Likely</td> <td>> 75</td> </tr> </tbody> </table>	Terms	Probability of Occurrence (%)	Unlikely	< 25	Likely	25 - 50	Very Likely	50 - 75	Most Likely	> 75
Terms	Probability of Occurrence (%)												
Unlikely	< 25												
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Very Likely	50 - 75												
Most Likely	> 75												
Dust Raising Winds	Strong Surface Winds												

RAINFALL INTENSITY		SPATIAL DISTRIBUTION		PROBABILITY OF OCCURENCE	
VERY LIGHT RAIN	TRACE-2.4mm	DRY	NO RAINFALL	UNLIKELY	≤ 25%
LIGHT RAIN	2.5- 15.5mm	ISOL (ISOLATED PLACES)	UPTO 25% AREA	LIKELY	26- 50%
MODERATE RAIN	15.6- 64.4mm	SCT (FEW PLACES)	25- 50% AREA	VERY LIKELY	51- 75%
HEAVY RAIN	64.5-115.5mm	FWS (MANY PLACES)	50- 75% AREA		
VERY HEAVY RAIN	115.6-204.4mm	WS (MOST PLACES)	>75% AREA	MOST LIKELY	> 75%
EXTREMELY HEAVY RAIN	>204.5mm				

**Regards,
Met Centre Shimla**

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