

Government of India Ministry of Earth Sciences India Meteorological Department Meteorological Centre, Shimla (HP)

Years of Service to the Nation

Date: 03.10.2025

Himachal Pradesh

Sub: - 1. Enhanced precipitation activity is very likely over Himachal Pradesh during 05th to 07th October with peak activity on 06th October, 2025.

2. Thunderstorm/lightning accompanied with gusty wind (40-50 kmph) and hailstorm is likely at isolated places over the state during 04th to 07th October, 2025.

Under the influence of an active western disturbance, high moisture feeding from Arabian Sea as well as Bay of Bengal and other favourable synoptic conditions, following weather conditions are expected:

Weather Forecast:

Light to moderate rainfall at most places, with heavy rainfall/snowfall at few places from 05th to 07th October and very heavy rainfall/snowfall at isolated places on October 06th, 2025 is very likely over the State. Aforesaid spell is likely to be accompanied with thunderstorm, lightning and gusty wind (speed 40-50 kmph) at isolated places over the State with possibility of hailstorm at isolated places over the low hills/plains & adjoining mid hills of the State during 04th to 07th October, 2025.

Weather Warning:

- ***** Heavy Rainfall
- 05th October: Heavy rainfall/snowfall very likely at isolated places over Una, Chamba, Kangra, Kullu, Lahaul-Spiti & Mandi districts. (Yellow Alert)
- 06th October: a) Heavy to very heavy rainfall/snowfall likely at isolated places over Chamba, Kangra, Kullu, Mandi & Lahaul-Spiti districts. (Orange Alert)
 - **b)** *Heavy rainfall/snowfall* likely at isolated places over *Shimla, Sirmaur & Kinnaur* districts. <u>(Yellow Alert)</u>
- **07**th **October: Heavy rainfall** likely at isolated places over **Solan, Sirmaur & Kangra** districts. (Yellow Alert)

***** Hailstorm

- *05th October*: *Hailstorm* is likely at isolated places over *Una*, *Bilaspur*, *Hamirpur*, *Chamba*, *Kangra* & *Mandi* districts. (Orange Alert)
- *06th October*: *Hailstorm* is likely at isolated places over *Una, Bilaspur, Hamirpur, Solan & Sirmaur* districts. (Yellow Alert)

* Thunderstorm/Lightning & Gusty wind (40-50 kmph) (Yellow Alert)

- Thunderstorm accompanied with lightning at isolated places is very likely over Kangra & Solan districts during 04th to 07th October; over Una, Bilaspur & Hamirpur during 04th to 06th October; over Chamba, Shimla & Sirmaur during 05th to 07th October and over Kullu & Mandi during 05th to 06th October, 2025.
- *Gusty wind (40-50 kmph)* is likely at isolated places over *Kangra & Solan districts* during 04th to 07th October; over Una, Bilaspur & Hamirpur during 04th to 06th October; over Chamba, Shimla, Sirmaur & Lahaul-Spiti during 05th to 07th October and over the remaining districts of the state during 05th to 06th October, 2025.

Expected Impact and Action suggested due to Heavy to Very Heavy Rainfall/ Hailstorm/ Thunderstorm/ Lightning/ Gusty wind (40-50 kmph) over Himachal Pradesh

Weather Warning	Affected	Impacts and advisories
	areas	•
Heavy to Very Heavy rainfall	Over the State	Impacts: Possibility of landslide/mudslide/land sink/mud sink in vulnerable areas. Water logging in low lying areas. Partial damage to vulnerable structures. Vehicles skidding due to slippery roads and low visibility Traffic congestion. Essential services and routine outdoor businesses may affect for some time. Damage to horticulture & standing crops. Possibility of inundation/flash flood in vulnerable areas. Water level may rise in river catchment areas, nalas etc. Advisories: Avoid going to vulnerable areas and areas that face the water logging problems often. Limit outdoor activities and avoid going near water bodies. Keep safe distance from the vulnerable structures. Be updated with the weather information. Follow any traffic advisories issued by State Government authorities. Follow advisories/guidelines issued by the State Government.
Hailstorm	Low hills/plains & adjoining mid hills	Impacts: Damage to plantation, horticulture and standing crops. Partial damage to vulnerable structures. Vehicles skidding due to slippery roads. Advisories: Immediately get out of water bodies. Use hail nets or hail caps in fruit orchards. Limit outdoor activities and keep yourself at the safer place and stay indoors. Move livestock at the safer place. Keep updated with the weather information. Follow advisories/guidelines issued by the State Government.
Thunderstorm/ Lightning	Low hills/plains & mid hills	Impacts: Partial damage to vulnerable structures and huts. Visibility conditions very likely to decrease. Vehicles skidding due to slippery roads. Advisories: Unplug electrical/ electronic appliances. Keep away from all the objects that conduct electricity and immediately get out of water bodies. Limit outdoor activities and keep yourself at the safer place and stay indoors. Move livestock at the safer place. Keep updated with the weather information. Follow advisories issued by the State Government.
Gusty wind (40- 50 kmph)	Over the State	Impacts: Partial damage to vulnerable structures and huts. Loose objects like weak hoarding and rooftops may fly. Advisories: Take cover next to a building or under a shelter. Stand clear of roadways or train tracks, as a gust may blow you into the path of an oncoming vehicle. Use handrails where available on outdoor walkways and avoid other elevated areas such as roofs without adequate railing. Watch for flying debris. Keep updated with the weather information. Follow advisories issued by the State Government.

DAY 1(UPTO 0830 IST OF 04.10.2025)



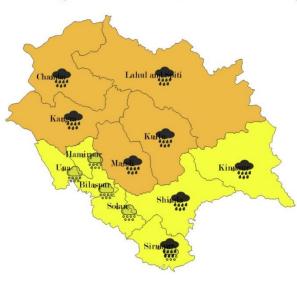
DAY 2(UPTO 0830 IST OF 05.10.2025)



DAY 3(UPTO 0830 IST OF 06.10.2025)



DAY 4(UPTO 0830 IST OF 07.10.2025)



DAY 5(UPTO 0830 IST OF 08.10.2025)





55 Ground Frost

DISTRICTWISE WEATHER WARNING (Thunderstorm and Gusty winds) FOR THE NEXT 5 DAYS

DAY 1(UPTO 0830 IST OF 04.10.2025)



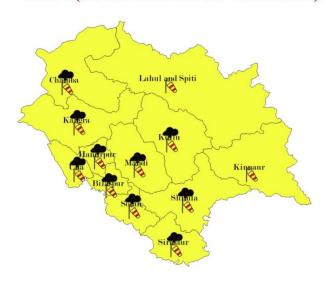
DAY 2(UPTO 0830 IST OF 05.10.2025)



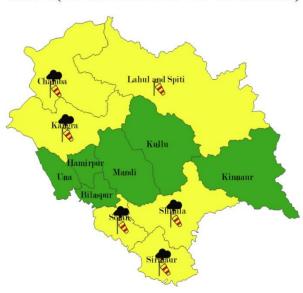
DAY 3(UPTO 0830 IST OF 06.10.2025)



DAY 4(UPTO 0830 IST OF 07.10.2025)



DAY 5(UPTO 0830 IST OF 08.10.2025)





DISTRICTWISE WEATHER FORECAST FOR THE NEXT 5 DAYS

DAY 1(UPTO 0830 IST OF 04.10.2025)



DAY 2(UPTO 0830 IST OF 05.10.2025)



DAY 3(UPTO 0830 IST OF 06.10.2025)



DAY 4(UPTO 0830 IST OF 07.10.2025)



DAY 5(UPTO 0830 IST OF 08.10.2025)



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

Note: Forecast/Warning for any day is valid from 0830 hours IST of that day till 0830 hours IST of next day

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%			

SPATIAL			
DRY	No Rainfall		
ISOLATED	1-25%		
FEW	26-50%		
MANY	51-75%		
MOST	76-100%		

RAINFALL INTENSITY			
Light	2.5-15.5 mm		
Moderate	15.6-64.4 mm		
Heavy	64.5-115.5 mm		
Very Heavy	115.6-204.4 mm		
Extremely Heavy	≥204.5 mm		

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> Regards, Met Centre Shimla

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