

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

Years of Service to the Mation याए सेवा के 150 जो

Himachal Pradesh Date: 10.08.2025

Sub: - 1. Enhanced rainfall activity is very likely over Himachal Pradesh during 11th to 14th August with peak activity on 13th & 14th August, 2025.

Under the influence of the western disturbance, Monsoon trough and other favourable synoptic conditions, following weather conditions are expected:

Weather Forecast:

• Light to moderate rainfall at most places over the state with heavy to very heavy rainfall at isolated places very likely over low hills/plains, mid hills & adjoining high hills of the state during 11th to 14th August, 2025 with peak intensity on 13th & 14th August, 2025. Isolated thunderstorm/lightning likely over low hills/plains and mid hills of the state from 10th to 11th August, 2025

Weather Warning:

- ***** Heavy Rainfall
- 10th August: Heavy rainfall very likely at isolated places over Una, Kangra, Kullu, Mandi & Sirmaur districts. (Yellow Alert)
- 11th August: a) Heavy to very heavy rainfall very likely at isolated places over Kangra, Chamba & Mandi districts; (Orange Alert)
- **b) Heavy rainfall** very likely at isolated places over Una, Bilaspur, Hamirpur & Solan districts. (Yellow Alert)
- 12th August: a) Heavy to very heavy rainfall very likely at isolated places over Kangra, Chamba & Mandi districts; (Orange Alert)
- **b) Heavy rainfall** very likely at isolated places over Una, Bilaspur & Sirmaur districts. <u>(Yellow Alert)</u>
- 13th August: a) Heavy to very heavy rainfall very likely at isolated places over Kangra, Sirmaur & Mandi districts; (Orange Alert)
- **b) Heavy rainfall** very likely at isolated places over Una, Bilaspur, Hamirpur, Chamba, Kullu & Shimla districts. <u>(Yellow Alert)</u>
- 14th August: a) Heavy to very heavy rainfall very likely at isolated places over Kangra, Kullu, Shimla Sirmaur & Mandi districts; (Orange Alert)
- **b) Heavy rainfall** very likely at isolated places over Una, Bilaspur, Hamirpur, Solan & Chamba districts. <u>(Yellow Alert)</u>

Thunderstorm/Lightning (Yellow Alert)

• **Thunderstorm accompanied with lightning** at isolated places very likely over Kullu & *Sirmaur* districts on 10th August, 2025; over Bilaspur, Hamirpur, Chamba, & *Solan* districts on 11th August, 2025; and over *Una*, *Mandi* & *Kangra* districts during 10th to 11th August, 2025.

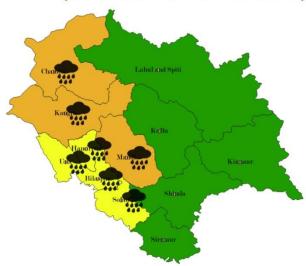
Expected Impact and Action suggested due to Heavy to Very Heavy Rainfall/Thunderstorm/lightning over Himachal Pradesh

Weather	Affected	Impacts and advisories		
Warning	areas			
Heavy to very heavy rainfall	Low hills/plains, mid hills & adjoining high hill areas	Impacts: Possibility of landslide/mudslide/land sink/mud sinks 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. Avoid going near water bodies. Avoid trekking. Limit outdoor activities. 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.		
Thunderstorm/ Lightning	Low hills/plains & mid hills	Impacts: Partial damage to vulnerable structures and huts. Limit outdoor activities Visibility conditions very likely to decrease. Vehicles skidding due to slippery roads. Advisories: Follow any traffic advisories. 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.		

DAY 1(UPTO 0830 IST OF 11.08.2025)



DAY 2(UPTO 0830 IST OF 12.08.2025)



DAY 3(UPTO 0830 IST OF 13.08.2025)



DAY 4(UPTO 0830 IST OF 14.08.2025)



DAY 5(UPTO 0830 IST OF 15.08.2025)



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 I HEAT WAVE GUSTY WINDS(Wind speed 30-40kmph) HAIL

COLD WAVE / COLD DAY

FOG

55 Ground Frost

DAY 1(UPTO 0830 IST OF 11.08.2025)



DAY 3(UPTO 0830 IST OF 13.08.2025)



DAY 5(UPTO 0830 IST OF 15.08.2025)



DAY 2(UPTO 0830 IST OF 12.08.2025)



DAY 4(UPTO 0830 IST OF 14.08.2025)



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

I HEAT WAVE

GUSTY WINDS(Wind speed 30-40kmph)

A HAIL

COLD WAVE / COLD DAY

= FOG

55 Ground Frost

DAY 1(UPTO 0830 IST OF 11.08.2025)



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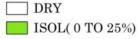
DAY 4(UPTO 0830 IST OF 14.08.2025)



DAY 5(UPTO 0830 IST OF 15.08.2025)



Legends



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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