

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

Years of Service to the Nation गए सेंचा के 150 वर्ष

Date: 04.07.2025

Himachal Pradesh

Sub: - 1. Heavy to very heavy rainfall activity is very likely over Himachal Pradesh during 05th to 09th July with peak activity during 06th noon till 07th July noon.

2. Isolated extremely heavy rainfall also likely on 06th July, 2025.

Under the influence of shifting of Monsoon trough towards the foothills of the Himalayas and other favourable atmospheric conditions, following weather conditions are expected:

Weather Forecast:

• Light to moderate rainfall at most places with heavy to very heavy rainfall at few places very likely over low hills/plains, mid hills and adjoining high hills of the state during 05th to 09th July, 2025 with peak intensity on 06th and 07th July, 2025. Isolated spells of very heavy to extremely heavy rainfall also likely over low hills/plains & adjoining mid hills during 06th noon till 07th July noon. Isolated thunderstorm/lightning likely over low hills/plains and mid hills of the state from 05th to 08th July, 2025.

Weather Warning:

- ***** Heavy Rainfall
- **04**th **July: Heavy rainfall** very likely at isolated places over Una, Bilaspur, Hamirpur & Kangra districts. (Yellow Alert)
- 05th July: Heavy to very heavy rainfall very likely at isolated places over Kangra & Mandi districts and heavy rainfall very likely at isolated places over Chamba, Sirmaur, Shimla & Kullu districts. (Orange Alert)
- 06th July: a) <u>Very Heavy to extremely heavy rainfall</u> very likely at isolated places over Kangra, Sirmaur & Mandi districts (Red Alert)
 - **b)** Heavy to very heavy rainfall very likely at isolated places over Una, Bilaspur, Hamirpur, Chamba, Solan, Shimla & Kullu districts. (Orange Alert)
- 07th July: Heavy to very heavy rainfall likely at isolated places over Una, Bilaspur, Hamirpur, Chamba, Kangra, Mandi, Sirmaur, Solan, Shimla & Kullu districts. (Orange Alert)
- **08**th **July: Heavy to very heavy rainfall** likely at isolated places over Una, Bilaspur, Mandi, Shimla & Sirmaur districts and **heavy rainfall** very likely at isolated places over Hamirpur, Kangra, Chamba, Solan & Kullu districts. (**Orange Alert**)

Thunderstorm/Lightning (Yellow Alert)

• **Thunderstorm accompanied with lightning** at isolated places very likely over Kangra district during 05th to 07th July, 2025; over Mandi district during 05th to 08th July, 2025; over *Hamirpur*, *Kullu, Chamba & Solan* districts on 06th & 07th July, 2025 and over *Una, Bilaspur, Mandi, Sirmaur & Shimla* districts during 06th to 08th July, 2025.

Expected Impact and Action suggested due to Very Heavy to Extremely Heavy Rainfall/

Heavy to Very Heavy Rainfall/ Thunderstorm/ Lightning over Himachal Pradesh

Weather	Affected	Impacts and advisories
Warning	areas	
Very Heavy to Extremely Heavy rainfall	Kangra, Mandi and Sirmaur	Impacts:
Heavy to Very Heavy rainfall	Low hills/plains, mid hills & adjoining high hill areas	Impacts: Possibility of landslide/mudslide/landsink/mudsink 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 05.07.2025)



DAY 3(UPTO 0830 IST OF 07.07.2025)



DAY 5(UPTO 0830 IST OF 09.07.2025)



DAY 2(UPTO 0830 IST OF 06.07.2025)



DAY 4(UPTO 0830 IST OF 08.07.2025)



Legends.

War	ming.
	NO WARNING (NO ACTION)-कोई कार्यवाही नहीं
	WATCH (BE UPDATED)-निगरानी रखे
	ALERT(BE PREPARED)-सतर्क रहे
	WARNING(TAKE ACTION)-कार्यवाही करे
leger	nds
•	THUNDERSTORM
100	Heavy rain with thunderstorm

─ SNOW★ Heavy to Very Rain with thunderstorm

F HEAT WAVE

GUSTY WINDS(Wind speed 30-40kmph)

HAIL
COLD WAVE / COLD DAY

55 Ground Frost

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%			

KAINFALL 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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