



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

Winter Seasonal Weather Report (January-February 2025)

1. February month weather summary

- Himachal Pradesh has received isolated to widespread precipitation during the month of February 2025 with **weak** activity on many days, **normal** activity on 2 days (dated 06th & 20th Feb.), **active** activity on 4 days (dated 05th, 21st, 26nd & 27th Feb.) and **vigorous** activity on 1 day (dated 28th Feb. 2025).
- Himachal Pradesh has received **31st highest rainfall** (124.7 mm) during the period 1901-2025 for February 2025. The highest rainfall was received in the year 1954 (271.8 mm) in the month of February.

1.1 Precipitation and Departure for February month

The state received an overall **excess** precipitation with departure (22%) having recorded actual rainfall of **124.7mm** against the normal rainfall of **101.8mm** in the month of February 2025. Districts Kullu and Mandi received **large excess** rainfall; districts Chamba, Kangra, Shimla, Lahaul-Spiti and Una received **excess** rainfall; districts Hamirpur and Sirmaur received **normal** rainfall & districts Solan, Kinnaur and Bilaspur received **deficient** rainfall.

District wise rainfall and departure for February month-

February-2025			
District	Actual(mm)	Normal(mm)	Departure (%)
Bilaspur	37.7	62.8	-40
Chamba	185.4	153.5	21
Hamirpur	73.2	67.3	9
Kangra	114.2	91.3	25
Kinnaur	62.1	104.3	-40
Kullu	211	103.6	104
Lahaul & Spiti	148.5	122.6	21
Mandi	110.9	68.8	61
Shimla	104.4	76.4	37
Sirmaur	53.6	63.7	-16
Solan	52.8	66.3	-20
Una	70	57.8	21
Sub- Division HP	124.7	101.8	22

1.2 Fog:

- **Moderate to Dense Fog** was observed at few places in the districts Mandi and Bilaspur.

1.3 Cold day:

- **Cold day** was observed in Manali and Chamba on 05th Feb.; Kalpa on 27th and 28th Feb. 2025
- **Severe cold day** was observed in Mandi on 27th Feb. 2025 & Una, Mandi and Chamba on 28th Feb. 2025.

1.4 Cold Wave:

Cold wave to severe cold wave conditions prevailed over some parts of Una and Berthin since 3rd Feb.; over Chamba since 05th Feb.; over Bilaspur, Kangra and Mandi since 6th Feb. 2025.

1.5 Ground Frost:

Ground Frost was observed in Palampur on 01st Feb; Kalpa on 06th, 11th & 12th Feb; Sundernagar on 06th Feb.; Bilaspur on 20th Feb.2025.

2. Winter Seasonal Precipitation (01.01.2025 to 28.02.2025)

January-

The State received **large deficient** precipitation (-84%) in Himachal Pradesh with 13.3 mm actual rainfall against 85.3 mm normal rainfall in January month i.e. from 01.01.2025 to 31.01.2025. District Lahaul & Spiti has received highest precipitation amount viz 23.3 mm while district Una & Hamirpur has received highest rainfall departure (-95%) against normal rainfall. All districts of Himachal Pradesh have received large deficient precipitation in the month of January 2025.

Winter Season (Jan- Feb)-

Himachal Pradesh has received **42nd Lowest Rainfall (138.0 mm)** from the period 1901-2025. The lowest rainfall was received in the year **1902 (33.6 mm)** in winter season.

The state has received **deficient** rainfall having departure of (-26%) with actual rainfall of **138.0 mm** against normal rainfall of **187.1 mm** in Winter Season. District Kullu received **excess** rainfall; districts Mandi and Shimla received **normal** rainfall; districts Chamba, Lahaul-Spiti, Una, Hamirpur, Kangra, Solan and Sirmaur received **deficient** rainfall & districts Bilaspur and Kinnaur received **large deficient** rainfall.

January -February 2025			
District	Actual(mm)	Normal(mm)	Departure (%)
Bilaspur	40.4	110.5	-63
Chamba	199.5	273.1	-27
Hamirpur	75.9	120.1	-37
Kangra	118.8	163.8	-27
Kinnaur	69.4	206	-66
Kullu	231.7	191.6	21
Lahaul & Spiti	171.9	225.7	-24
Mandi	120	131.6	-9

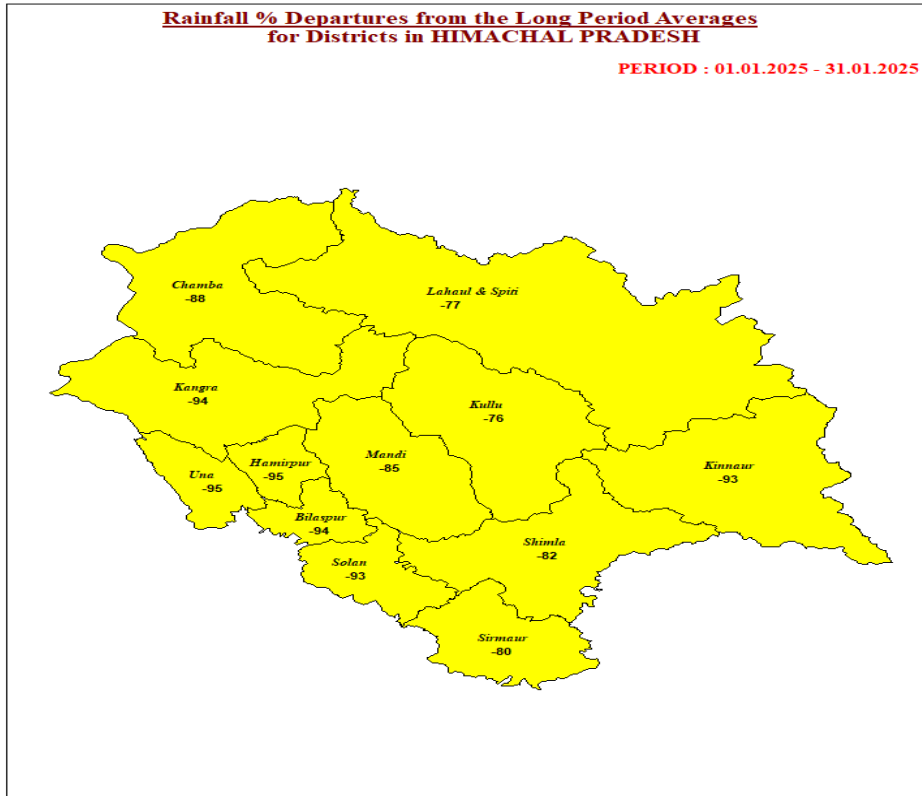
Shimla	115.9	139.7	-17
Sirmaur	63.4	110.8	-43
Solan	56.8	121.4	-53
Una	71.9	97.8	-26
Sub- Division HP	138	187.1	-26

3. Pictorial representation of rainfall departure (%) from normal (January, February and for Winter Season)

**INDIA METEOROLOGICAL DEPARTMENT
MC SHIMLA**

**Rainfall % Departures from the Long Period Averages
for Districts in HIMACHAL PRADESH**

PERIOD : 01.01.2025 - 31.01.2025



LEGEND: ■ L. EXCESS (+60% OR MORE) ■ EXCESS (+20% TO +59%) ■ NORMAL (+19% TO -19%)
 ■ DEFICIENT (-20% TO -59%) ■ L. DEFICIENT (-60% TO -99%) ■ NO RAIN (-100%) ■ NO DATA

**INDIA METEOROLOGICAL DEPARTMENT
MC SHIMLA**

Rainfall (in mm)/ Departures (in %) from the Long Period Averages
for Districts in HIMACHAL PRADESH

PERIOD: 01.02.2025 - 28.02.2025



LEGEND: ■ L. EXCESS [+60% OR MORE] ■ EXCESS [+20% TO +59%] ■ NORMAL [+19% TO -19%]
 ■ DEFICIENT [-20% TO -59%] ■ L. DEFICIENT [-60% TO -99%] ■ NO RAIN [-100%] ■ NO DATA

**INDIA METEOROLOGICAL DEPARTMENT
MC SHIMLA**

Rainfall % Departures from the Long Period Averages
for Districts in HIMACHAL PRADESH

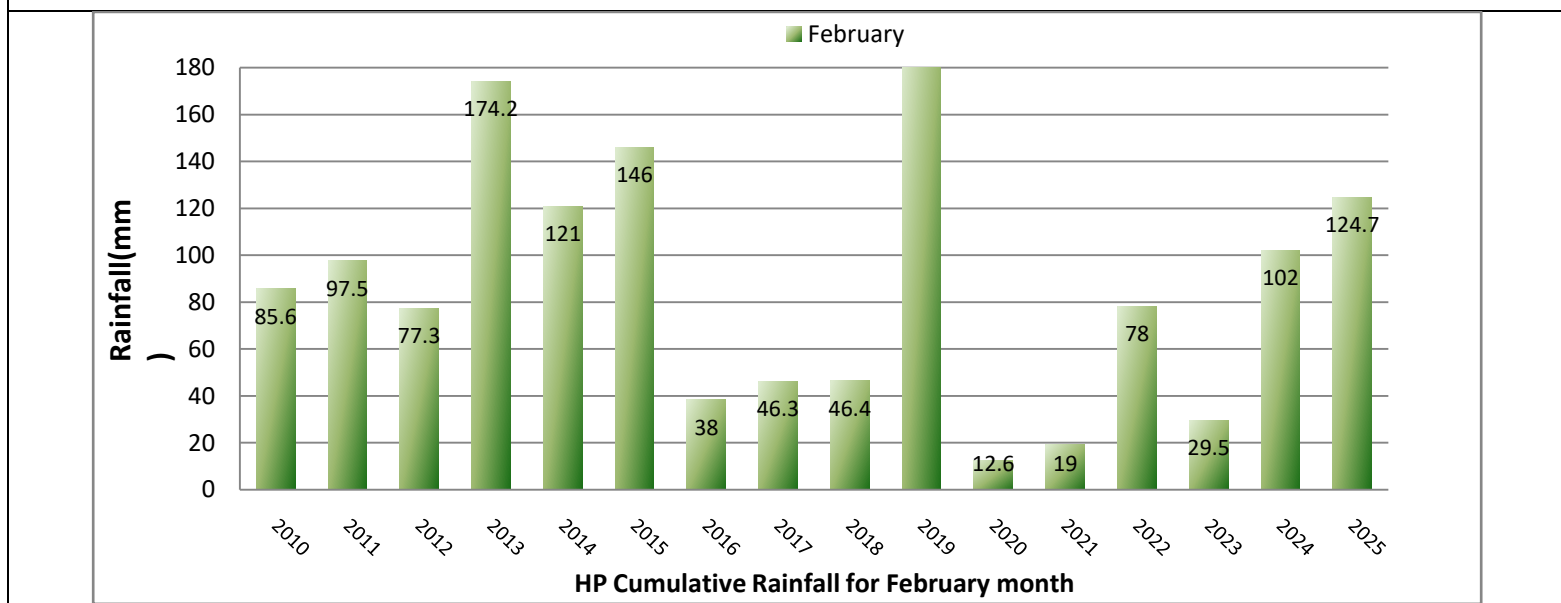
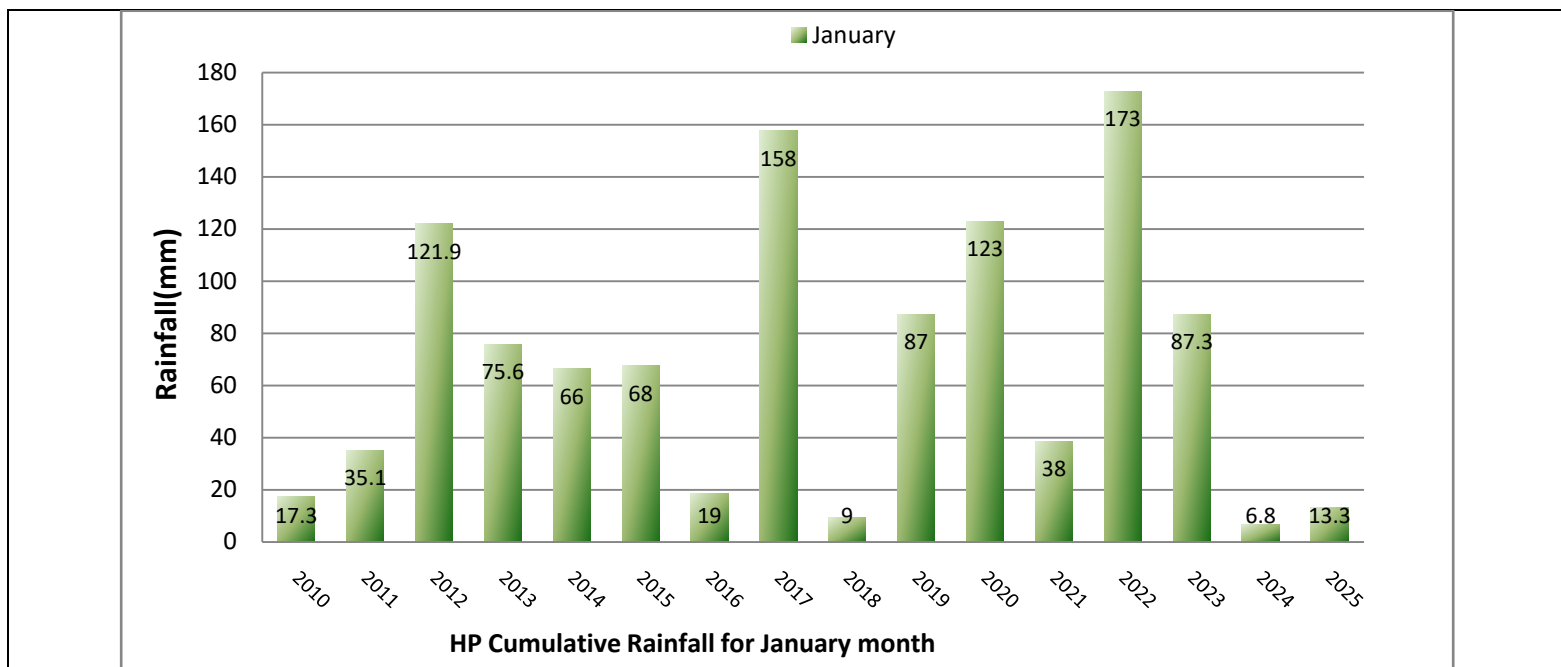
PERIOD : 01.01.2025 - 28.02.2025

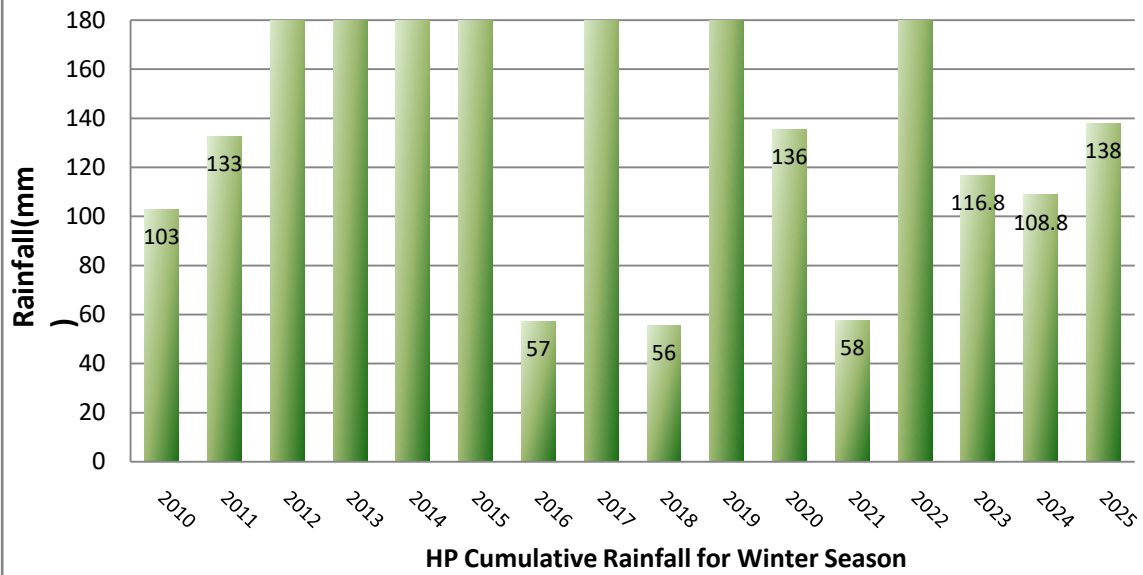


LEGEND: ■ L. EXCESS [+60% OR MORE] ■ EXCESS [+20% TO +59%] ■ NORMAL [+19% TO -19%]
 ■ DEFICIENT [-20% TO -59%] ■ L. DEFICIENT [-60% TO -99%] ■ NO RAIN [-100%] ■ NO DATA

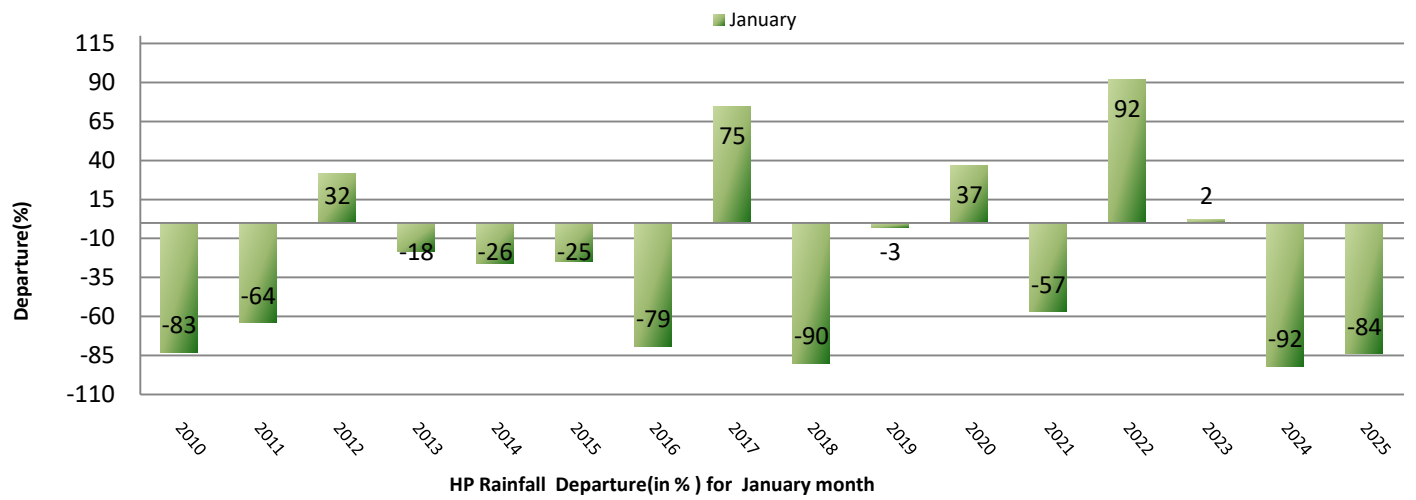
5. Following graph shows the graphical representation of actual Rainfall (mm) and Departure (%) For Himachal Pradesh (Comparison from 2010 to 2025)

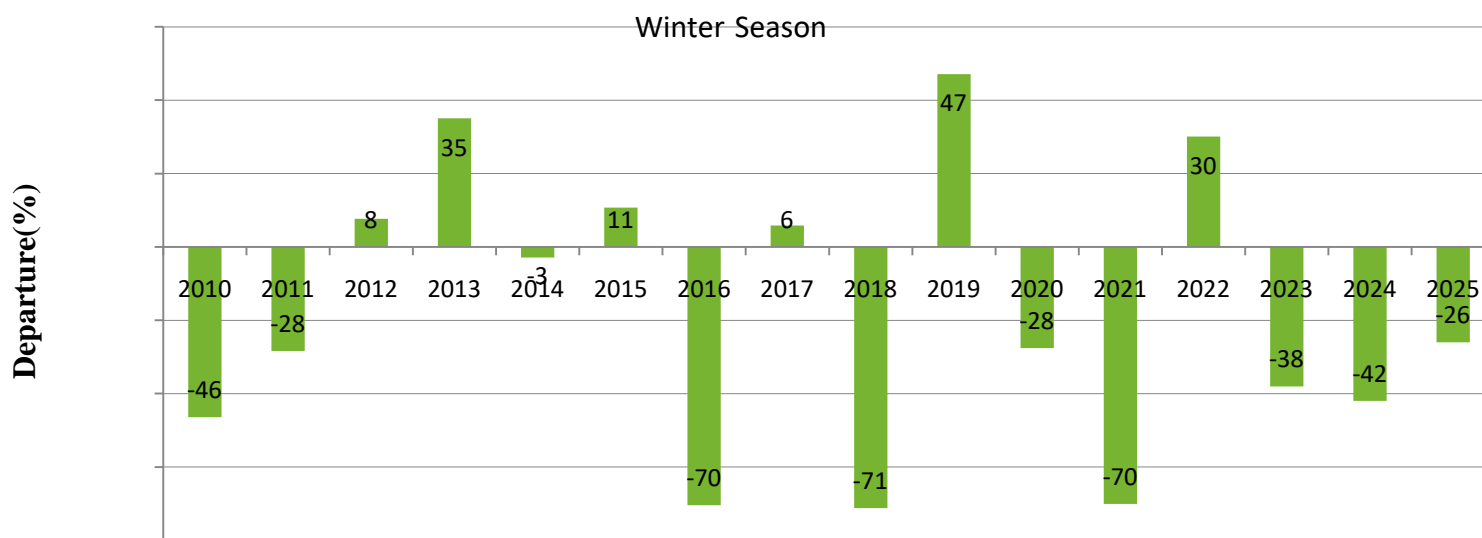
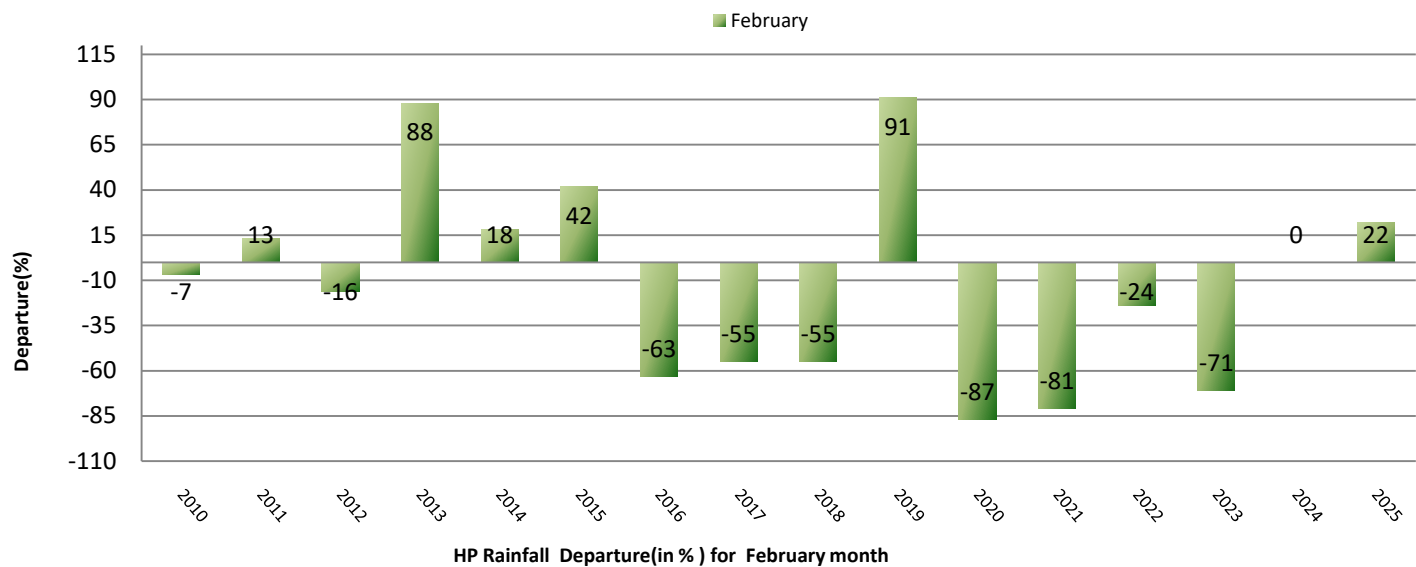
Graph 1:-Actual Rainfall





Graph2:-Percentage departure





6. Highest Precipitation

- **Highest Rainfall (mm)-** Kheri(Chamba): 151.0 on **28thFebruary 2025**
- **Highest Snowfall (cm)-** **Kothi(Kullu): 120.0** on **28thFebruary 2025**

7. Chief amount of Rainfall (mm)

	Date	Station
January	06-01-2025	Una:1.0
	07-01-2025	Pandoh: 23.5 , Tinder: 15.1, Gohar:15.0
	12-01-2025	Sarahan: 18.1, Rohru: 15.0
	13-01-2025	Bharmaur: 5.0, Nahan: 4.1, Renuka(Dadahu): 4.0
	16-01-2025	Tinder: 15, Sangrah: 6, Bijahi: 6
	17-01-2025	Bharmaur: 10, AMFU Seobagh: 8.2, Jubbal:8.2
February	02-02-2025	Palampur & Chamba-2.0 each, Sundernagar-0.1, Shimla & Manali: Trace
	05-02-2025	Saloni (dist Chamba) 4, Chhatrari (dist Chamba) 4, Chamba (dist Chamba) 4, , Kasol (dist Kullu) 3, Karsog (dist Mandi) 2, Bijahi (dist Mandi) 2, Bhuntar (dist Kullu) 2, Manali (dist Kullu) 2, Seo Bagh (dist Kullu) 2, Dalhousia (dist Chamba) 2, Jogindernagar (dist Mandi) 2, Banjar (dist Kullu) 2,
	06-02-2025	Manali-20, Dalhousie-7, Kataula & Bharmaur-6 each, Banjar-4, Bharmaur & Seobagh-3 each, Baldwara, Bhuntar, Wangtoo and Pandoh-2 each.
	12-02-2025	Manali 12.0, Kothi 0.8
	16-02-2025	Shimla & Kufri (each) Trace
	20-02-2025	Sangrah: 10.0, Baijnath: 9.1, Gohar: 9.0, Kataula: 8.4, Brahmani: 8.2, Mehre Barsar, Theog, Olinda & Una: 8.0 each, Kangra & Guler: 7.8 (each), Palampur: 7.4, Nagrota Suriyan: 7.2
	21-02-2025	Rainfall (m m) Nagrota Surian 56.0, Ghamroor 44.2, Chamba aws 42.0, Saloni 36.2, Tissa 35.7, Palampur 33.2, Seobagh 29.2, Kangra Aero 28.8
	22-02-2025	Sarahan 0.8
	23-02-2025	Manali 5.0, Kasol 2.0, Shimla 1.8, Kufri 1.0, Kotkhai 0.1, Sarahan & Jubberhatti (each) Trace
	25-02-2025	Udaipur 2.0
	26-02-2025	Jot 59.4, Manali 30.0, Seobagh 25.2, Sarahan 22.5, Banjar 22.0, Bhuntar 21.8, Karsog 18.3, Kasol 18.0, Shillaro 15.6
	27-02-2025	Saloni 32.4, Kothi 30.0, Sarahan 29.1, Bhabhanagar 23.8, Seobagh 22.2, Manali 19.0, Banjar 18.2, Bharmaur 17.0, Jot 16.0, Chhatrari 15.5
	28-02-2025	Seobagh 116.6, Bhuntar 113.2, Banjar 112.4, Jogindernagar 112.0, Kataula 110.4, Saloni 109.3, Palampur 99.2, Chamba 97.0, Rampur 95.6, Jot 94.6, Baijnath 75.0, Kangra & Karsog 74.0 (each), Jubbal 72.2, Rohru 70.0,Theog 65.5, Solan & Kufri 59.0 (each), Mandi 57.4, Kotkhai 57.2, Bharwain 57.0, Chopal 56.8, Janjehli 55.0

8. Chief amount of Snowfall (cm)

	Date	Station
January	03-01-2025	Hansa: 5.0
	06-01-2025	Hansa: 5.0, Koksar: 2.1, Gondla- Tr
	07-01-2025	Shillaroo: 10.0, Kufri: 5.0, Bijahi & Gondla: 4.0, Khadralla: 2.0
	12-01-2025	Gondla: 6.0, Keylong, Shillaroo, Khadralla & Kothi-5.0, Koksar : 4.9, Jot & Bharmaur: 4.0
	13-01-2025	Koksar: 2.1, Kalpa: 0.4, Shimla: Tr
	15-01-2025	Koksar: Tr
	16-01-2025	Bharmaur: 15.3, Gondla : 12.0, Chopal: 10.0, Koksar :8.8, Kothi: 7.5
	17-01-2025	Koksar: 19.0, Gondla : 11.0, Khadralla: 5.0, Kufri: 2.4
	18-01-2025	Hansa: 2.5
	19-01-2025	Hansa : 10.0, Pooh: 2.5
	20-01-2025	Hansa : 15.0, Koksar: 3.1, Moorang: 0.3,
	21-01-2025	Hansa: 2.5
	24-01-2025	Shimla: Tr
	29-01-2025	Hansa: 2.5
30-01-2025	Kothi: 1.0, Kukumseri & Gondla: Tr	
February	02-02-2025	Gondla: Tr
	04-02-2025	Hansa: 5.0, Kalpa & Sangla: 0.2, Kothi: Tr
	05-02-2025	Kothi:33.0, Koksar: 19.0, Hansa: 15.0, Gondla: 11.0, Keylong: 9.0
	06-02-2025	Dalhousie: 15.0, Koksar: 12.6, Gondla: 9.0
	07-02-2025	Koksar: 1.2
	09-02-2025	Kukumseri: 1.6
	11-02-2025	Kalpa: 0.2, Kukumseri: Tr
	12-02-2025	Kothi: 1.0
	16-02-2025	Koksar: 1.2, Shimla, Kufri, Kukumseri & Gondla: Tr
	17-02-2025	Keylong & Gondla: Trace
	19-02-2025	Koksar: Trace
	20-02-2025	Khadralla: 11.0, Kothi: 7.5, Shillaroo: 5.0
	21-02-2025	Gondla: 42.0, Kukumseri: 24.3, Khadralla: 15.0, Hansa; 10.0
	25-02-2025	Koksar: 2.1
26-02-2025	Kukumseri: 41.0, Koksar: 17.0, Gondla: 16.0, Kalpa: 13.8, Kothi: 8.0	
27-02-2025	Keylong: 20.0, Koksar: 36.9, Gondla: 25.0, Khadralla: 12.0	
28-02-2025	Kothi: 120.0, Khadralla: 115.0, Koksar: 112.0, Gondla: 87.0, Keylong: 75.0	

9. Forecast for next 7 days

Light rain/snow likely at isolated places on 01st and 02nd Mar. 2025 and at few places on 04th Mar. 2025 over the state. Light to moderate rain/snow very likely at many places with a few spells of heavy rain/snow at isolated places over the state on 3rd Mar. 2025. Dry weather likely over the state on 05th, 06th and 07th March.

With Regards
Meteorological Centre Shimla

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