



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

Monthly Weather Report (March 2025)

1. Weather summary

- Himachal Pradesh has received isolated to widespread precipitation during many days of March month with **weak** activity on some days; **normal** activity on 4 days (dated 11th, 14th, 15th & 17th March 2025); **active** activity on 2 days (dated 04th & 16th March 2025) and **vigorous** activity on 1 day (dated 01st March 2025).
- Himachal Pradesh has received **54th lowest rainfall** (75.5 mm) since 1901. The lowest rainfall was received in the year **2022** (5.4 mm) in the month of March.
- Himachal Pradesh has received
 - **Very heavy snow** in **Khadrala (Dist. Shimla) 120.0 cm** on 1st Mar. 2025.
 - **Heavy rain** in Bhuntar (Dist. Kullu) 112.2 mm, Joggindernagar (Dist. Mandi) 108.0 mm, Seobagh (Dist. Kullu) 106.0 mm, Banjar (Dist. Kullu) 92.0 mm, Dharamshala (Dist. Kangra) 85.2 mm, Manali (Dist. Kullu) 82.0 mm, Baijnath (Dist. Kangra) 78.0 mm, Palampur (Dist. Knagra) 75.6 mm, Karsog (Dist. Mandi) 68.2 mm, Kasol (Dist. Kullu) 67.0 mm on 1st Mar. 2025 and Kumarsain (Dist. Shimla) 70.4 mm, Manali (Dist. Kullu) 65.0 mm on 16th Mar. 2025.

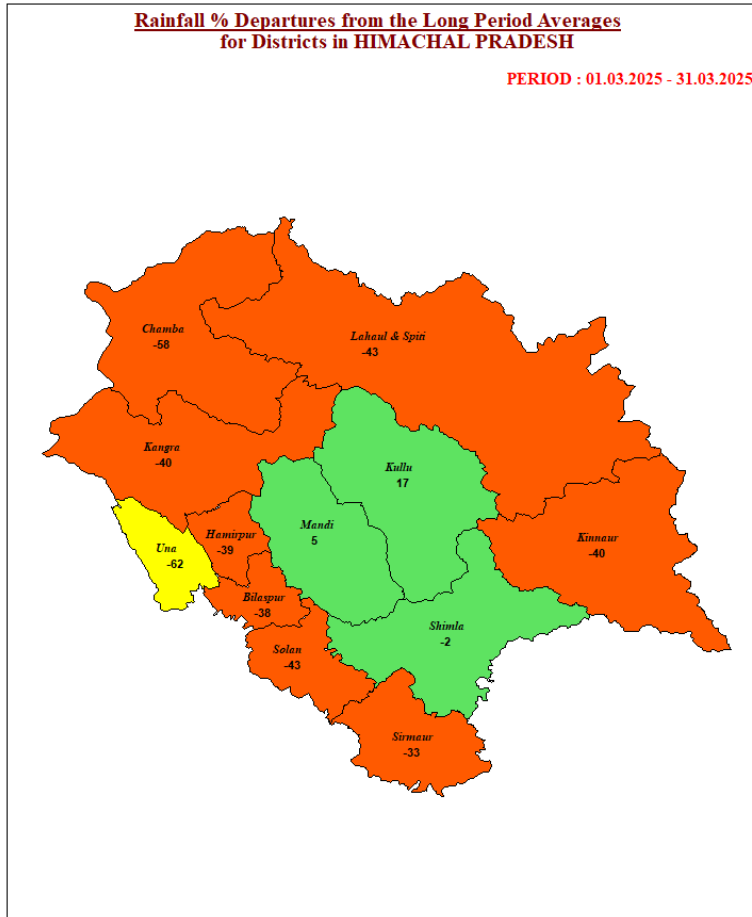
2. Monthly precipitation and departure-

- The State received **deficient** precipitation (-33%) with **75.5 mm** actual rainfall against **113.4 mm** normal rainfall in March month.
- District Kullu has received highest precipitation amount viz 156.3 mm while district Una has received highest rainfall departure (-62%) against normal rainfall.
- District Una has received **large deficient** precipitation; Districts Kullu, Mandi, Shimla has received **normal** precipitation & remaining districts of Himachal Pradesh have received **deficient** precipitation in the month of March 2025.

INDIA METEOROLOGICAL DEPARTMENT
MC SHIMLA

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

PERIOD : 01.03.2025 - 31.03.2025

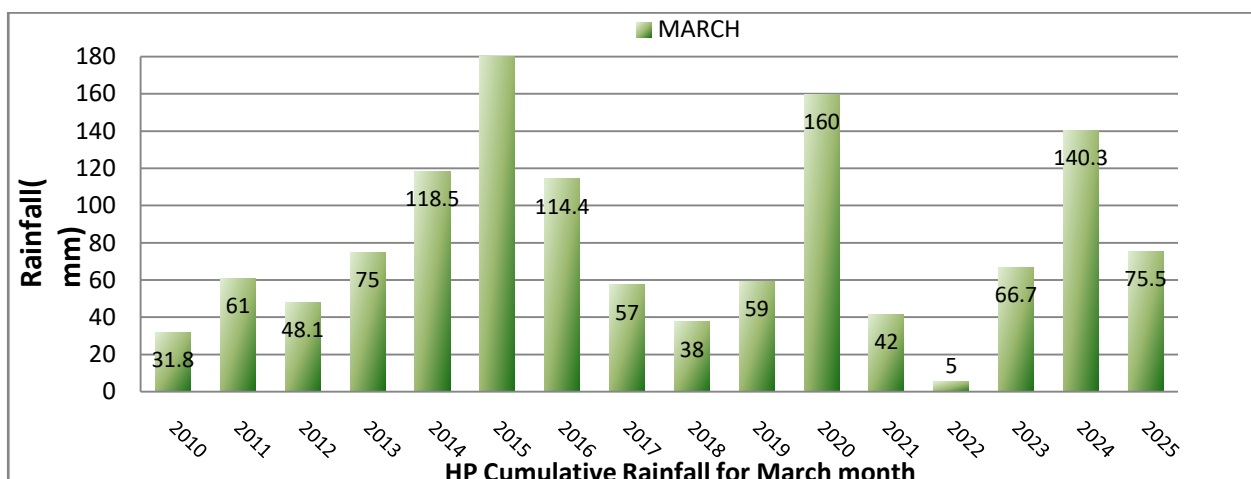


LEGEND: ■ L. EXCESS (+60% OR MORE) ■ EXCESS (+20% TO +59%) ■ NORMAL (+19% TO -19%)
■ DEFICIENT (-20% TO -59%) ■ L. DEFICIENT (-60% TO -99%) ■ NO RAIN (-100%) ■ NO DATA

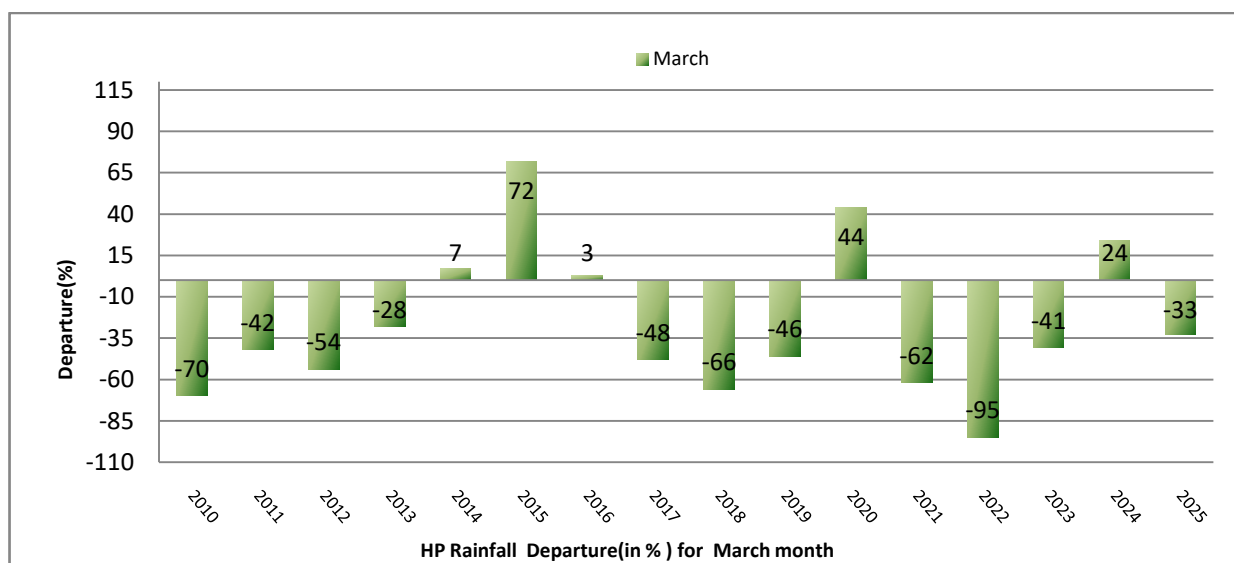
3. District wise monthly rainfall (in mm) and Departure (in %)

(01 st March to 31 st March) 2025			
DISTRICTS	Actual(in mm)	Normal(in mm)	Dep(in%)
BILASPUR	31.9	51.8	-38
CHAMBA	74.1	177.4	-58
HAMIRPUR	33.9	55.5	-39
KANGRA	52.5	87.8	-40
KINNAUR	69.0	115.5	-40
KULLU	156.3	134.1	17
LAHAUL & SPITI	82.2	145.2	-43
MANDI	75.7	72.2	5
SHIMLA	79.8	81.7	-2
SIRMAUR	34.9	52.0	-33
SOLAN	35.5	61.9	-43
UNA	17.1	45.0	-62
HP	75.5	113.4	-33

4. Monthly Actual Rainfall(in mm) comparison from 2010-2025:-



5. Monthly rainfall Departure (in %) comparison from 2010-2025:-



6. Monthly Rainfall distribution and Rainfall Activity for March month.

HIMACHAL PRADESH					
Date	Distribution	Activity	Date	Distribution	Activity
01-03-2025	WIDE SPREAD	VIGOROUS	17-03-2025	SCATTERED	NORMAL
02-03-2025	ISOLATED	WEAK	18-03-2025	ISOLATED	WEAK
03-03-2025	DRY	WEAK	19-03-2025	DRY	WEAK
04-03-2025	WIDE SPREAD	ACTIVE	20-03-2025	ISOLATED	WEAK
05-03-2025	ISOLATED	WEAK	21-03-2025	ISOLATED	WEAK
06-03-2025	DRY	WEAK	22-03-2025	ISOLATED	WEAK
07-03-2025	DRY	WEAK	23-03-2025	DRY	WEAK
08-03-2025	ISOLATED	WEAK	24-03-2025	DRY	WEAK
09-03-2025	DRY	WEAK	25-03-2025	DRY	WEAK
10-03-2025	ISOLATED	WEAK	26-03-2025	ISOLATED	WEAK
11-03-2025	ISOLATED	NORMAL	27-03-2025	ISOLATED	WEAK
12-03-2025	ISOLATED	WEAK	28-03-2025	ISOLATED	WEAK
13-03-2025	ISOLATED	WEAK	29-03-2025	DRY	WEAK
14-03-2025	ISOLATED	NORMAL	30-03-2025	DRY	WEAK
15-03-2025	FAIRLY WIDE SPREAD	NORMAL	31-03-2025	DRY	WEAK
16-03-2025	WIDE SPREAD	ACTIVE			

7. Chief Amount of Rainfall (in mm) March 2025-

Date	Station
01-03-2025	Bhuntar: 112.2, Jot: 108.8, Joggindernagar: 108.8, Seobagh: 106.0, Banjar: 92.0, Dharamshala: 85.2, Manali: 82.0
02-03-2025	Aghar: 17.0, Pachhad: 15.0, Jatton Barrage: 3.4
04-03-2025	Bhuntar: 25.8, Manali: 25.0, Seobagh: 21.2, Banjar: 19.2, Karsog: 14.1, Rampur: 12.4
05-03-2025	Nahan: 16.8, Dalhousie: 7.0, Jatton Barrage: 5.0, Kasauli: 4.0, Kandaghat: 2.8
08-03-2025	Manali: 1.0
11-03-2025	Manali: 5.0, Kothi: 3.6, Bharmour: 1.5
12-03-2025	Chamba: 2.0, Tissa: 1.0
13-03-2025	Tissa: 5.8, Saloni: 3.3
14-03-2025	Kothi : 14.0, Tissa: 8.6, Manali: 7.0, Sangla: 2.6
15-03-2025	Kotkhai: 16.1, Saloni: 14.2, Kufri: 12.0, Shillaroo: 11.4, Kasauli: 11.0, Chopal: 10.8, Kalpa: 10.6, Seobagh: 10.0, Sangla: 8.1
16-03-2025	Manali: 65.0, Bhuntar: 45.6, Seobagh: 42.0, Gohar: 36.0, Kothi: 34.0, Baggi: 32.1, Kataula: 30.3
17-03-2025	Baggi: 19.5, Bhuntar: 11.9, Seobagh: 11.2, Kufri: 11.0, Banjar: 10.4, Jot: 9.8
18-03-2025	Pandoh: 3.5, Chamba: 1.0
20-03-2025	Baijnath: 9.0, Manali: 7.0, Joggindernagar: 5.0
21-03-2025	Bharmaur: 4.0
22-03-2025	Bharmaur: 9.0, Sangla: 4.2
26-03-2025	Kukumseri: Trace
27-03-2025	Keylong: Trace
28-03-2025	Jot & Chamba: 1.0

8. Chief Amount of Snowfall (in cm) March 2025-

Date	Station
01-03-2025	Khadrala: 120.0, Hansa: 60.0, Koksar: 27.0, Kukumseri: 24.8, Kalpa, Kothi & Keylong: 15.0
04-03-2025	Koksar: 34.0, Kothi: 33.0, Gondla: 22.0, Keylong: 20.0, Kukumseri: 16.2
05-03-2025	Khadrala: 7.0, Kukumseri: 1.5
10-03-2025	Koksar: 1.2, Keylong: 1.0, Gondla: Trace
11-03-2025	Koksar: 20.0, Gondla: 16.0, Keylong: 15.0, Kukumseri: 3.8, Hansa: 2.5
12-03-2025	Kukumseri: 1.8, Koksar & Gondla: Trace
13-03-2025	Gondla: 0.5, Koksar: Trace
14-03-2025	Gondla: 13.0, Koksar: 9.5, Kukumseri: 5.9
15-03-2025	Gondla: 8.0, Koksar & Kukumseri: 4.2
16-03-2025	Gondla: 15.0, Hansa: 12.0, Koksar: 9.8
17-03-2025	Kalpa: 17.9, Sangla: 8.6, Gondla: 1.0
20-03-2025	Koksar: 1.1, Gondla & Keylong: Trace
21-03-2025	Kukumseri: Trace
26-03-2025	Keylong & Gondla: Trace

9. Forecast for Next 7 Days

- Light rain/snow likely at isolated places on 03rd April 2025 in the districts of Chamba, Kullu, Kangra, Lahaul-Spiti and Kinnaur. Mainly dry weather likely to prevail over the state during remaining days of the week.

With Regards
Meteorological Centre Shimla

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

WARNING	PROBABILISTIC FORECAST		SPATIAL		RAINFALL INTENSITY	
WARNING (TAKE ACTION)	Terms	Probability of Occurrence	DRY	No Rainfall	Light	2.5-15.5 mm
ALERT (BE PREPARED)	Unlikely	<25%	ISOLATED	1-25%	Moderate	15.6-64.4 mm
WATCH (BE UPDATED)	Likely	25-50%	FEW	26-50%	Heavy	64.5-115.5 mm
NO WARNING (NO ACTION)	Very Likely	50-75%	MANY	51-75%	Very Heavy	115.6-204.4 mm
	Most Likely	>75%	MOST	76-100%	Extremely Heavy	≥204.5 mm

For more information kindly visit:

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