



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

Pre-Monsoon Seasonal Weather Report **(March-May 2025)**

Pre-Monsoon Seasonal Precipitation (01.03.2025 to 31.05.2025)

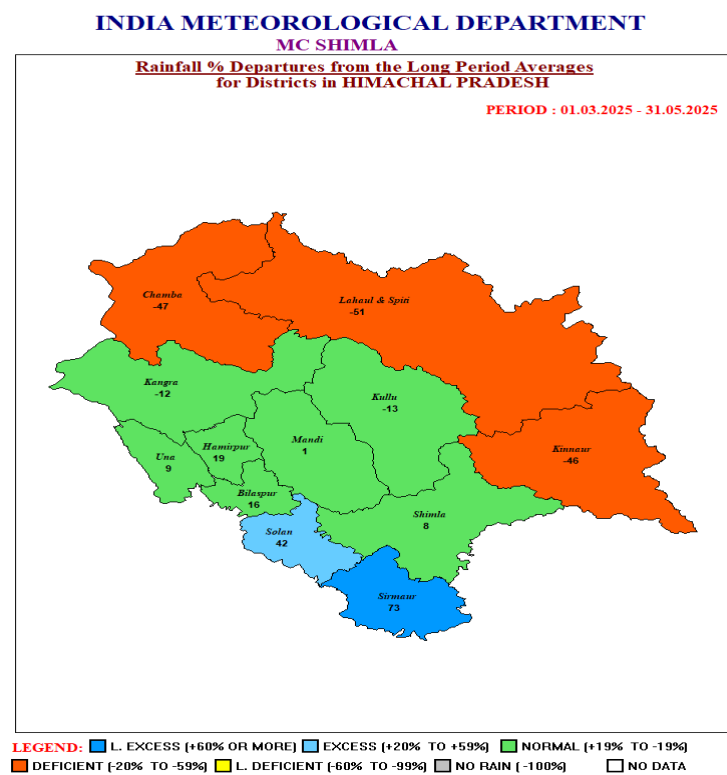
1 Pre-Monsoon Season (March-May)-

- Himachal Pradesh has received **39th Lowest Rainfall (175.0 mm)** from the period 1901-2025. The lowest rainfall was received in the year **2022 (63.8 mm)** in Pre-Monsoon Season.
- The state has received **deficient** rainfall having departure of **(-27%)** with actual rainfall of **175.0 mm** against normal rainfall of **240.7 mm** in Pre-Monsoon Season. District Sirmaur received **large excess** rainfall; district Solan received **excess** rainfall; districts Kangra, Kullu, Mandi, Shimla, Una, Hamirpur and Bilaspur received **normal** rainfall & districts Chamba, Lahaul-Spiti and Kinnaur received **deficient** rainfall.
- **Heavy rain** was observed on some days over the state in March and May months.
- **Isolated hailstorm** activity was recorded on some days over the state in the Pre-Monsoon Season.

District wise rainfall and departure for Pre-Monsoon season-

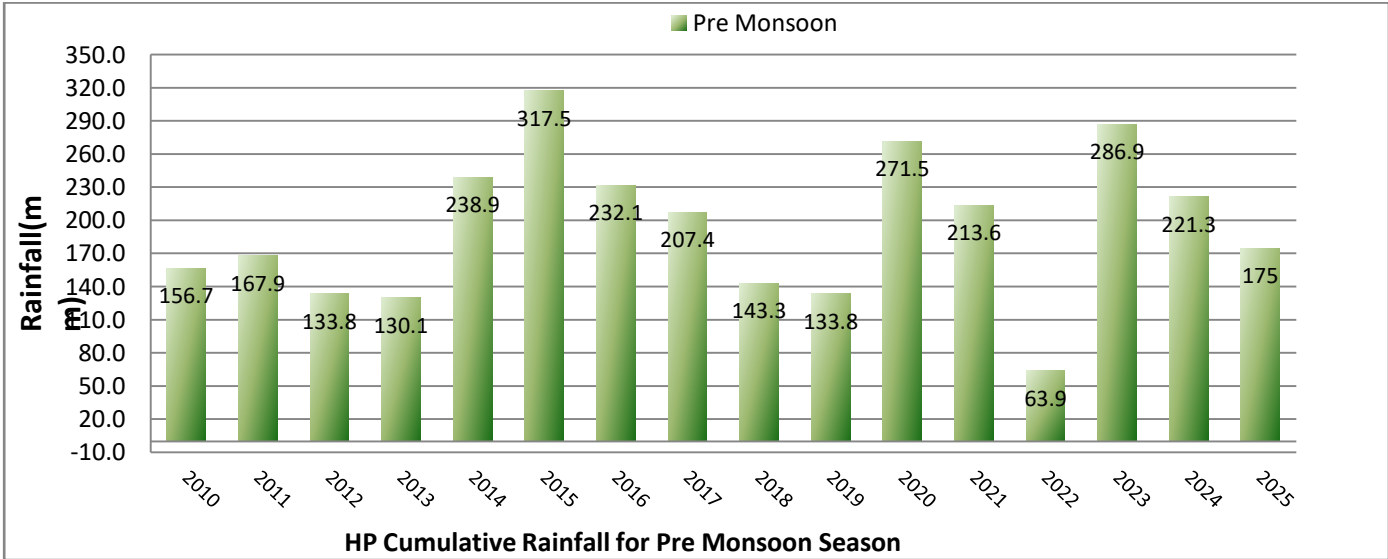
March-May 2025			
District	Actual(mm)	Normal(mm)	Departure (%)
Bilaspur	137.3	117.9	16
Chamba	194.6	368.8	-47
Hamirpur	155.6	130.3	19
Kangra	166.5	189	-12
Kinnaur	134.5	249.4	-46
Kullu	247.5	283.6	-13
Lahaul & Spiti	135.7	279	-51
Mandi	194.2	192.4	1
Shimla	220.8	205.2	8
Sirmaur	217.6	126.1	73
Solan	205.1	144.3	42
Una	111.6	102.7	9
Sub- Division HP	175	240.7	-27

1.1 Pictorial representation of rainfall departure (%) from normal for Pre-Monsoon Season

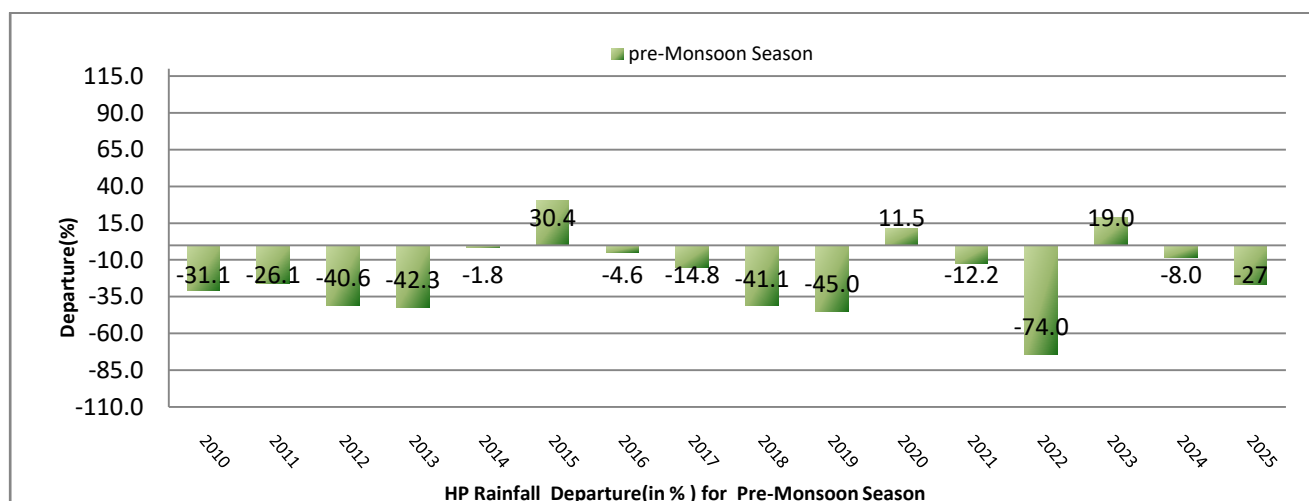


1.2 Following graph shows the graphical representation of actual Rainfall (mm) and Departure (%) For Himachal Pradesh (Comparison from 2010 to 2025)

Graph:-Actual Rainfall



Graph:-Percentage departure



2. May month weather summary

- Himachal Pradesh has received isolated to widespread precipitation during the month of May 2025 with **weak** activity on few days, **normal** activity on few days, **active** activity on 2 days (dated 05th & 30th Feb.) and **vigorous** activity on 1 day (dated 25th May. 2025).
- Himachal Pradesh has received 49th **highest rainfall** (62.5 mm) during the period 1901-2025 for May 2025. The highest rainfall was received in the year 1987 (214.2 mm) in the month of May.

2.1 Precipitation and Departure for May month

- The state received an overall **normal** precipitation with departure (-1%) having recorded **actual** rainfall of **62.5 mm** against the **normal** rainfall of **63.3 mm** in the month of May 2025.
- Districts Una, Hamirpur, Bilaspur, Solan and Sirmaur received **large excess** rainfall; districts Kangra and Shimla received **excess** rainfall; district Mandi received **normal** rainfall; districts Kullu, Chamba and Lahaul-Spiti received **deficient** rainfall. & district Kinnaur **large deficient** rainfall.
- **Heavy rain** was observed in Kahu (Dist. Bilaspur) 74.1 mm on 5th May 2025; Pachhad (Dist. Sirmaur) 67.3 mm on 11th May 2025; Pachhad (Dist. Sirmaur) 107.0 mm & Kandaghat (Dist. Solan) 103.2 mm on 11th May 2025; Rajgarh (Dist. Sirmaur) 70.0 mm on 30th May 2025.
- **Isolated hailstorm** activity was recorded in Shimla district on 2nd, 3rd, 4th May 2025; Solan, Shimla districts on 5th May 2025; Mandi district on 7th May 2025; Shimla district on 10th, 16th May 2025; Kangra districts on 17th, 21st May 2025; Kangra, Shimla districts on 22nd May 2025; Shimla district on 25th, 30th May 2025 and Shimla, Kangra Sirmaur districts on 29th May 2025.

2.2 District wise rainfall and departure for May month

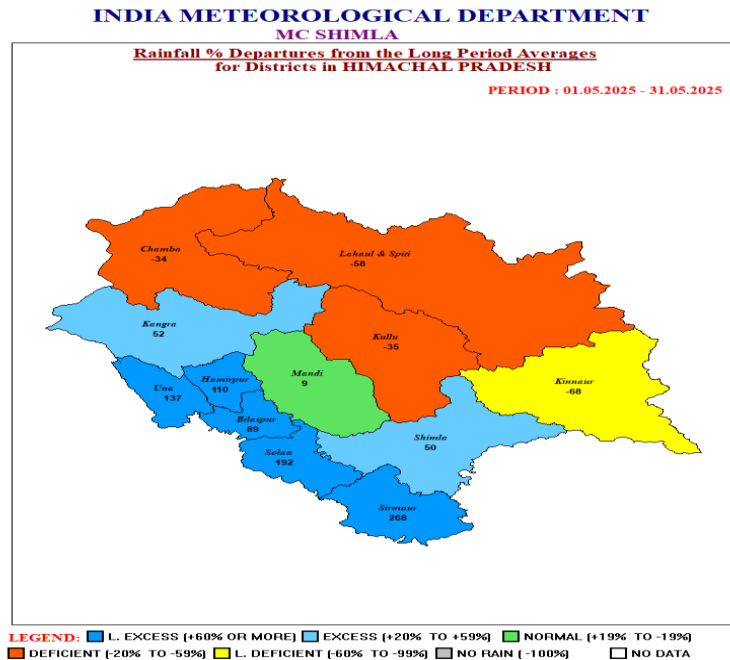
May-2025			
District	Actual(mm)	Normal(mm)	Departure (%)
Bilaspur	74.4	39.4	89
Chamba	65.2	98.5	-34
Hamirpur	89.9	42.8	110
Kangra	83.7	55.1	52
Kinnaur	18.4	57.6	-68
Kullu	45.3	69.5	-35
Lahaul & Spiti	25.2	59.3	-58

Mandi	75.2	69.2	9
Shimla	104.5	69.8	50
Sirmaur	156.6	42.5	268
Solan	144	49.3	192
Una	76.7	32.4	137
Sub- Division HP	62.5	63.3	-1

2.3 Monthly Rainfall distribution and Rainfall Activity for May month

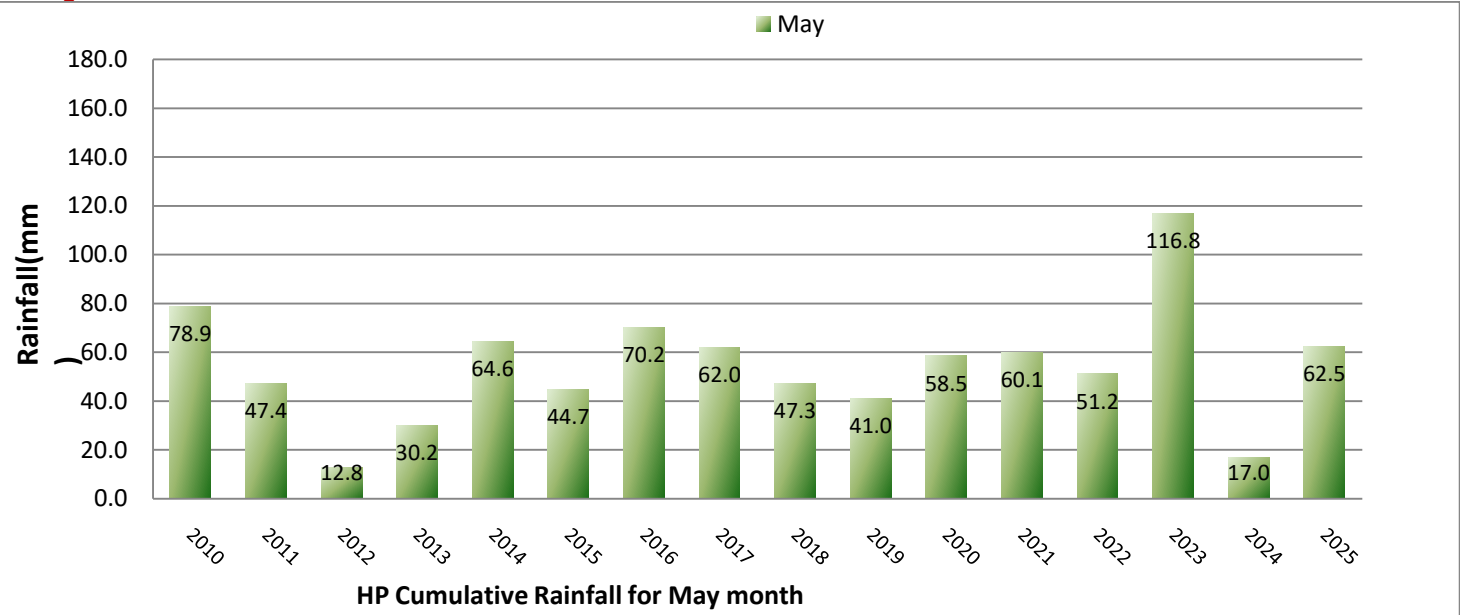
HIMACHAL PRADESH					
Date	Distribution	Activity	Date	Distribution	Activity
01-05-2025	DRY	WEAK	17-05-2025	ISOLATED	WEAK
02-05-2025	FAIRLY WIDE SPREAD	NORMAL	18-05-2025	ISOLATED	WEAK
03-05-2025	SCATTERED	NORMAL	19-05-2025	SCATTERED	NORMAL
04-05-2025	FAIRLY WIDE SPREAD	NORMAL	20-05-2025	ISOLATED	NORMAL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

2.4 Pictorial representation of rainfall departure (%) from normal for May month

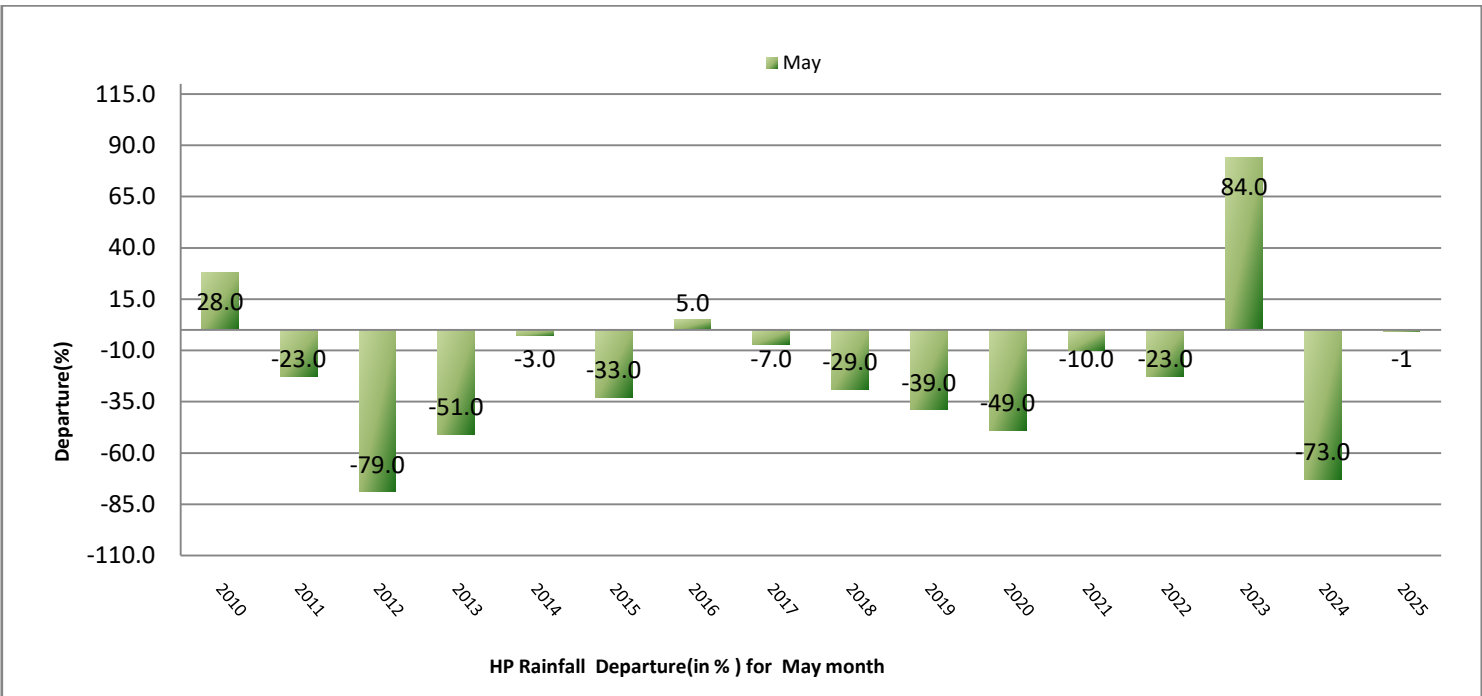


2.5 Following graph shows the graphical representation of actual Rainfall (mm) and Departure (%) For Himachal Pradesh (Comparison from 2010 to 2025)

Graph:-Actual Rainfall



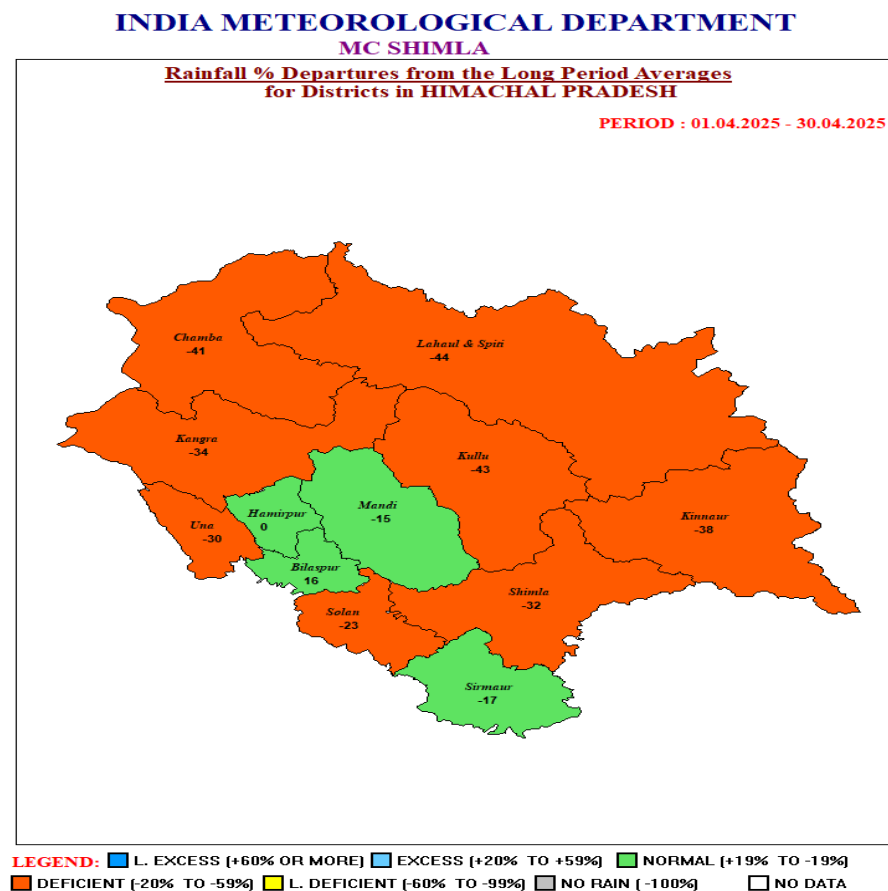
Graph:-Percentage departure



3. April-

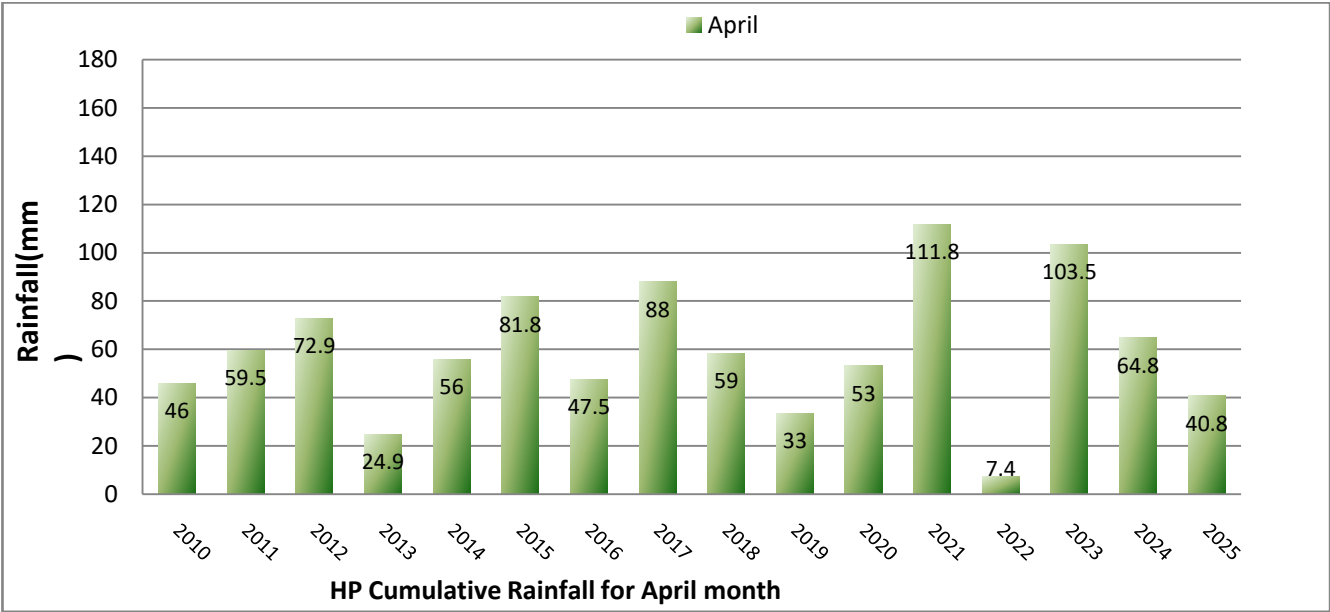
- The State received **deficient** precipitation (-36%) with **40.8 mm** actual rainfall against **64.0 mm** normal rainfall in April month.
- District Chamba has received highest precipitation amount viz 55.2 mm and district Una has received lowest precipitation amount viz 17.8 mm.
- District Lahaul & Spiti has received highest negative rainfall departure (-44%) and district Bilaspur has received highest positive rainfall departure (+16%).
- Districts Hamirpur, Mandi, Bilaspur, Solan and Sirmaur have received **normal** precipitation & remaining districts of Himachal Pradesh have received **deficient** precipitation in the month of April 2025.
- **Isolated hailstorm** activity was recorded in Shimla, Mandi districts on 11th April 2025; Solan district on 13th April 2025; Chamba, Shimla districts on 17th April 2025; Mandi district on 19th April 2025 and Shimla district on 22nd April 2025.

3.1 Pictorial representation of rainfall departure (%) from normal for April month

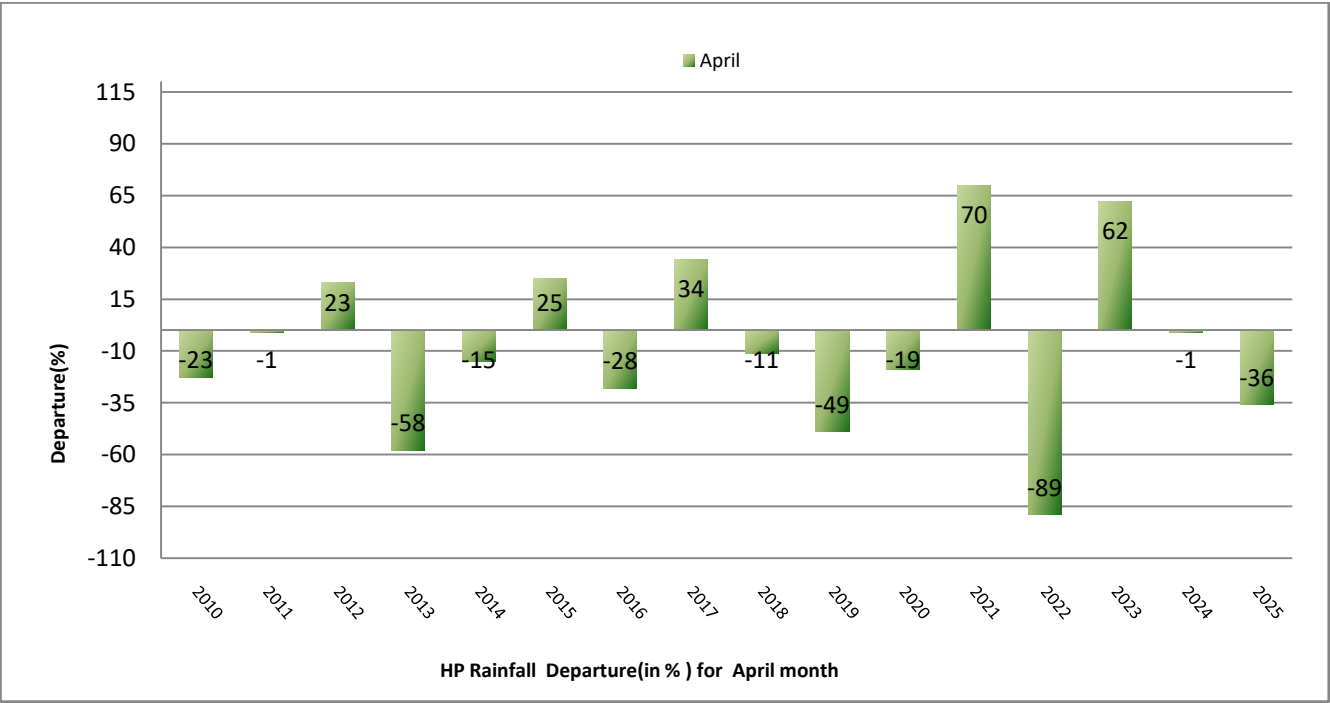


3.2 Following graph shows the graphical representation of actual Rainfall (mm) and Departure (%) For Himachal Pradesh (Comparison from 2010 to 2025)

Graph:-Actual Rainfall



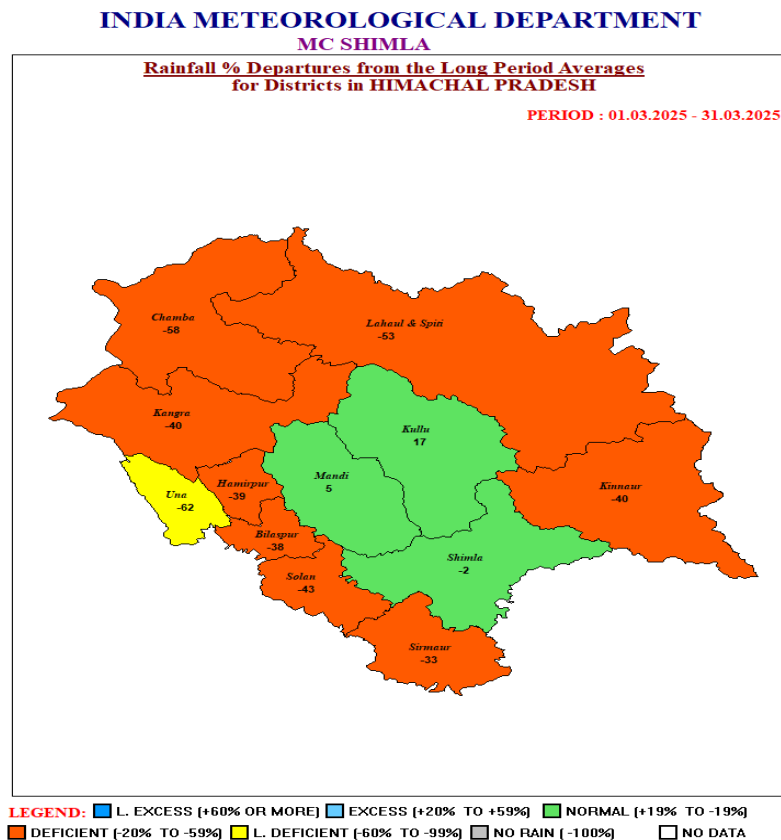
Graph:-Percentage departure



4. March-

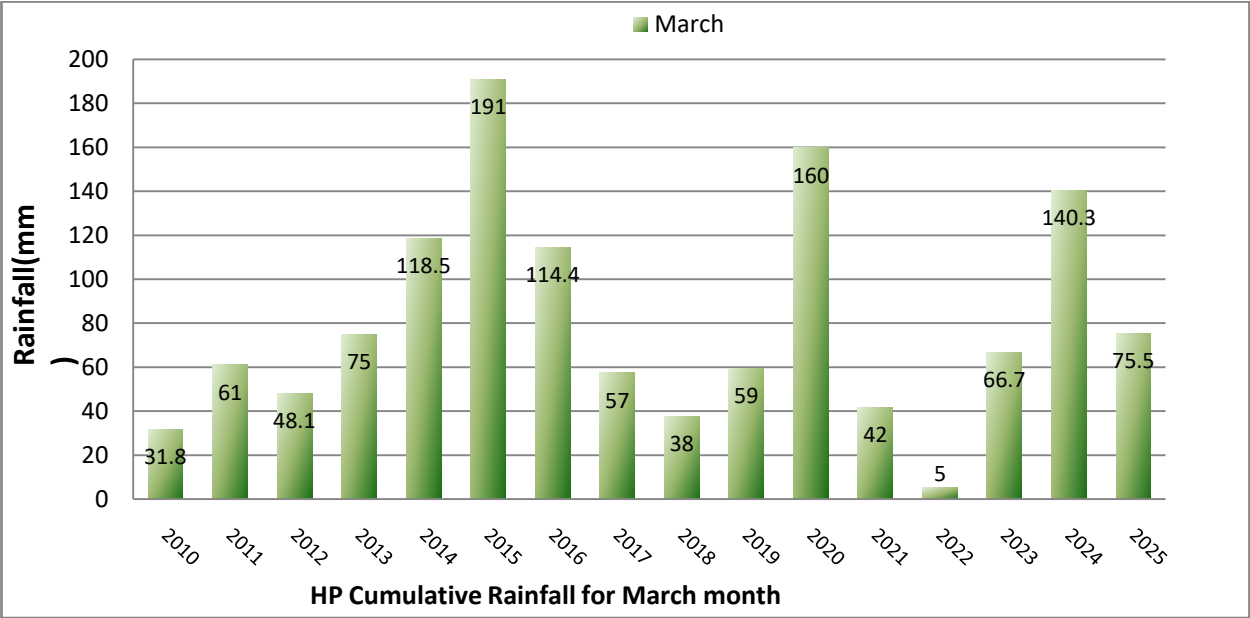
- The State received **deficient** precipitation (-33%) with **75.5 mm** actual rainfall against **113.4 mm** normal rainfall in March month.
- District Kullu has received highest precipitation amount viz 156.3 mm while district Una has received highest rainfall departure (-62%) against normal rainfall.
- 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.
- **Very heavy snow** was observed in **Khadrala (Dist. Shimla) 120.0 cm** on 1st Mar. 2025.
- **Heavy rain** was observed 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.
- **Isolated hailstorm** activity was recorded in Shimla district on 16th Mar. 2025 and in Shimla, Mandi and Chamba districts on 17th Mar. 2025.

4.1 Pictorial representation of rainfall departure (%) from normal for March month

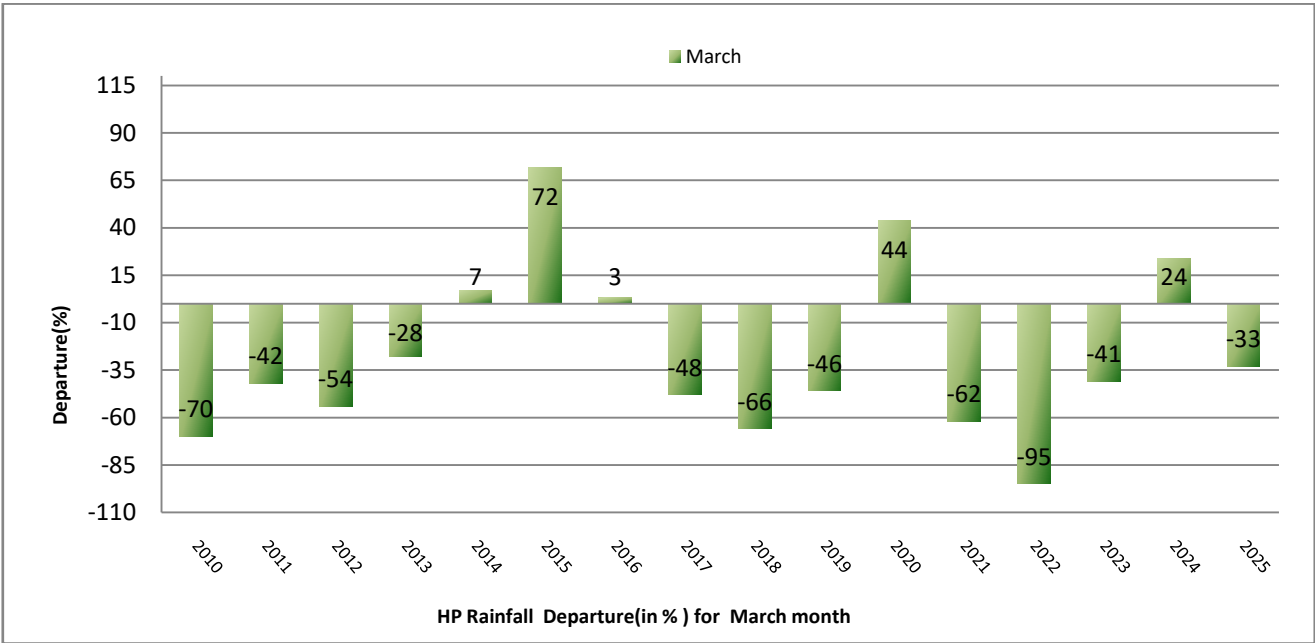


4.2 Following graph shows the graphical representation of actual Rainfall (mm) and Departure (%) For Himachal Pradesh (Comparison from 2010 to 2025)

Graph:-Actual Rainfall



Graph:-Percentage departure



5. Chief amount of Rainfall (mm)

	Date	Station
March	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
April	09-04-2025	Kothi 8.0, Kukumseri trace
	10-04-2025	Bharmour 4.0, Keylong and Bhabanagar trace
	11-04-2025	Gohar 19.0, Jhanjheli 15.0, Sandhole 14.6, Pandoh & Bijahi 14.0, Paonta Sahib 13.6, Karsog 13.1, Bharmour 12.0
	12-04-2025	Aghar 57.0, Dharamshala 40.0, Jogindernagar & Baijnath 32.0, Jot 24.4, Dalhousie 22.0, Palampur 19.2, Kheri 18.0, Saloni 15.2, Solan 15.0
	13-04-2025	Kandaghat 28.8, Pachhad 28.0, Solan 16.0, Ghaghas 15.8, Rajgarh, Rohru & Baldwara 15.0
	17-04-2025	Shillaroo 30.0, Seobagh 28.8, Jubbal 26.8, Salooni 26.3, Kukumseri 23.8, Tissa & Bangana 23.6 each, Kumarsain 20.4, Gohar & Rajgarh 20.0 each, Dharamshala 17.0
	18-04-2025	Khoksar 9.1
	19-04-2025	Tissa 19.3, Kukumseri 15.8, Bhunter 14.0, Seobagh 13.0, Banjar 10.2
	20-04-2025	Kothi 30.0, Gondhla 11.6, Keylong 10.0, Pooh 9.4
	21-04-2025	Pooh 48.2, Salooni 40.4, Kothi 35.4, Kalpa 34.8, Sangla 31.6, Theog & Moorang 20.0, Bilaspur 20.2, Ghaghas 18.8, Aghar 18.2,
	22-04-2025	Naina Devi 24.2, Bijahi 23.0, Kasol 21.0, Ghaghas 17.2, Bharmour 17.0, Bilaspur 16.4, Malraon 16.2, Hamirpur 14.0
	23-04-2025	Keylong trace
	24-04-2025	Sangla 0.4, Gondhla & Khoksar trace

	25-04-2025	Kukumseri 1.2, Keylong 1.0
	30-04-2025	Kotkhai 1.3
May	02-05-2025	Solan: 39.0, Bilaspur: 26.0, Rajgarh & Mehre Barsar: 25.0, BBMB: 21.0, Pachhad: 20.0, Gohar: 15.0, Bhareri: 13.4, Naina Devi: 12.2, Kahu: 11.7, Shimla: 11.0
	03-05-2025	Dehra Gopipur: 37.2, Paonta Sahib: 17.4, Shimla: 16.6, Kandaghat: 15.0, Jubberhatti: 14.8, Kufri: 14.5, Jatton Barrage: 10.4, Solan: 10.0
	04-05-2025	Nagrota Suriyan: 24.8, Narkanda: 24.5, Bharmaur: 22.0, Sujanpur Tira: 21.6, Mandi: 20.4, Rohru: 20.0, Gohar: 19.0, Hamirpir: 18.5, Chamba: 18.0, Manali & DehraGopipur: 14.0, Kothi: 13.4, Joggindernagar & Baijnath: 13.0
	05-05-2025	Kahu: 74.1, Kandaghat: 56.2, Naina Devi: 38.6, Kasauli : 21.0, Shimla: 19.2, Dharampur: 18.2, Kufri: 16.0, Rajgarh & Chamba: 12.0, Dehra Gopipur: 11.3
	06-05-2025	Paonta Sahib: 34.0, Pachhad: 30.0, Jatton Barrage: 20.3, Sujanpur Tira: 17.5, Nahan: 9.4, Narkanda: 9.0, Solan: 6.6, Kandaghat: 4.2
	07-05-2025	Guler: 34.8, Sujnapur Tira: 26.8, Karsog: 24.1, Gohar: 21.0, Nagrota Suriyan: 20.4, Dharampur: 19.6, Bhareri & Sundernagar: 11.8
	08-05-2025	Hamirpur: 26.5, nagrota Suriyan: 16.2, Rohru: 15.0, Sarahan: 10.0, Guler & Banjar: 8.2, Kangra: 7.7, Berthin: 6.5, Dharampur: 6.2
	09-05-2025	Naina Devi: 38.2, Bhareri: 30.8, Nahan: 29.8, Kahu, Rohru & Palampur: 10.0
	10-05-2025	Shillaro: 43.6, Jubberhatti: 34.5, Kataula: 28.3, Jatton Barrage: 22.0, Mandi: 21.2, Sarahan: 19.5, Narkanda:16.0, Shimla: 12.4, Chopal: 10.0, Kothi: 8.4, Kotkhai: 7.1
	11-05-2025	Kasauli: 27.0, Dharampur: 12.6, Khadrula: 9.0, Kahu & Shimla: 5.2, Kothi: 4.6, Solan: 4.4
	12-05-2025	Bharmaur: 10.0, Kasauli: 3.4, Kufri & Shimla: 2.0, Kukumseri: 1.9, Kothi: 1.8
	13-05-2025	Narkanda: 4.5, Seobagh: 4.0, Pandoh: 2.5, Saloni: 2.0, rampur: 1.6, Bharmaur: 1.5
	14-05-2025	Nichar: 19.0, Sangla: 4.6, Kalpa: 4.2, Reckong Peo & Bharmaur: 3.0
	16-05-2025	Una: 12.6, Kataula: 11.1, BBMB: 10.2, Sarahan: 7.5, Rampur: 7.2, Naina Devi: 6.2, Pandoh: 6.0, Shimla: 5.2
	17-05-2025	Sarahan: 6.3, Shillaroo: 4.0, Joggindernagar & Seobagh: 2.0, Nahan: 1.4
	18-05-2025	Narkanda: 7.0, Baijnath & Palampur: 5.0, Bharmaur: 1.0
	19-05-2025	Bharmaur: 20.5, mandi: 16.4, Kukumseri: 13.2, Kangra: 12.4, Pandoh: 10.0, Rampur: 8.8, Joggindernagar: 8.0, Palampur: 7.4
	20-05-2025	Nichar: 12.0, Sangla:11.4, Kukum seri: 9.6, kalpa: 6.0, Reckong Peo: 3.0, Naina Devi: 2.0
	21-05-2025	Palmapur: 24.0, Joggindernagar: 8.0, Sujanpur Tira:7.8, Baijnath: 7.0, BBMB: 4.8, Manali: 1.0, Berthin: 0.2
	22-05-2025	BBMB: 26.4, Palampur: 24.4, Solan: 21.8, Sujanpur Tira:19.6, Mehre Barsar: 18.0, Kasauli: 11.5
	24-05-2025	Rohru : 10.0, Gondla: Tr
	25-05-2025	Pachhad: 107.0, Kandaghat: 103.2, Nagrota Suriyan: 43.2, Bharwain: 42.0, Chopal: 40.0, rampur: 38.2, Solan: 36.6, Kasauli: 32.0, Kufri: 27.0, Guler: 25.4
	26-05-2025	Chopal: 6.4, Dharampur: 6.2, Narkanda: 5.5, Solan: 5.3, Shimla: 3.3
	28-05-2025	Bhuntar: 15.2, Berthin: 11.2, Kataula: 11.1, Kandaghat: 10.4, Bajaura: 10.4, Solan: 6.2, Seobagh: 5.4
	29-05-2025	Palampur:31.6, Kataula: 13.0, Sujanpur Tira: 12.8, Bijahi: 11.4, Nahan: 10.8, Shimla: 7.0
	30-05-2025	Rajgarh: 70.0, Jubberhatti: 46.1, Kasauli: 40.0, Baldwara: 37.0, Dharampur: 32.4, Shimla: 27.6, Sundernagar: 23.8
	31-05-2025	Sunnibajji: 15.4, Kotkhai: 9.1, Kufri: 8.8, Jatton Barrage & Rohru: 6.0, Dharampur: 5.2, Kasauli: 5.0, Solan: 4.0, Paonta Sahib: 3.4, Shimla: 3.3, Jubberhatti & Sangla: 2.4, Shillaroo: 2.2, Kukumseri: 2.1, Gondla & Keylong: 2.0, Kothi & Bhuntar: 1.2

6. Chief amount of Snowfall (cm)

	Date	Station
March	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: 24.0, Keylong: 20.0, Kukumseri: 16.2, Pooh: 10.0
	05-03-2025	Khadrala: 7.0, Kukumseri: 1.5
	10-03-2025	Koksar: 1.2, Keylong: 1.0
	11-03-2025	Koksar: 20.0, Gondla: 16.0, Keylong: 15.0, Kukumseri: 3.8
	12-03-2025	Kukumseri: 1.8
	13-03-2025	Gondla: 0.5
	14-03-2025	Gondla: 13.0, Khadralla: 10.0, Koksar: 9.5, Kukumseri: 5.9
	15-03-2025	Khadrala: 10.0, Gondla: 8.0, Kukumseri & Koksar: 4.2
	16-03-2025	Kothi: 27.5, Gondla: 15.0, Hansa: 12.0, Khadralla: 5.0
	17-03-2025	Kalpa: 17.9, Sangla: 8.6, Kothi: Tr
	20-03-2025	Koksar: 1.1, Keylong & Gondla: Tr
	21-03-2025	Kukumseri: Tr
	26-03-2025	Keylong & Gondla: Tr
April	12-04-2025	Kukumseri: 7.8, Gondla: 3.0, Keylong: 1.0
	17-04-2025	Gondla: 1.0, Koksar: Tr
	19-04-2025	Hansa: 5.0
	20-04-2025	Hansa: 5.0, Sumdho: 4.0, Koksar: Tr
	21-04-2025	Hansa: 7.5, Gondla: 3.0, Koksar: 2.1, Keylong: 2.0
	22-04-2025	Khadrala: 6.0, Hansa: 5.0, Gondla: 4.0, Keylong: Tr
	25-04-2025	Keylong: Tr
May	06-05-2025	Hansa: 2.5

7. Forecast for next 7 days

Light to moderate rain likely at many places over the state during 3rd to 4th June 2025. Light rainfall likely at few places over the state from 01st, 2nd & 5th June 2025 and at isolated places on 06th & 07th June 2025.

With Regards
Meteorological Centre Shimla

For more information kindly visit:

Website: <https://mausam.imd.gov.in/shimla/>

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