



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

Monsoon Report 2026

Date of Issue: 03rd October, 2026

1. Main Features: -

1. In the year 2026, the southwest monsoon entered in Himachal Pradesh on 30th June, 2026 and covered entire state by 01st July, 2026, seven days later as compared to the normal onset date of covering entire state i.e. 25th June. In last 29 years, the earliest onset of southwest monsoon was on 09th June, 2000 and most delayed onset was on 05th July, 2010.
2. The Southwest monsoon seasonal (June to September) rainfall has been normal over the state with 652.3 mm of actual rainfall during monsoon 2026 against its normal 734.4 mm with -11% departure. Districts Kinnaur, Una, Bilaspur, Kullu, Chamba, Kangra, Mandi, Shimla, Sirmaur & Solan received normal precipitation; district Hamirpur received deficient precipitation and district Lahaul-Spiti has received large deficient precipitation.
3. This year, Himachal Pradesh received 41st lowest rainfall of 652.3 mm in monsoon season in the last 125 years. However, the highest rainfall (1314.6 mm) was recorded in the year 1922 for the period of 1901 to 2026.

2. Progress of Southwest Monsoon: -

1. In the month of June, Himachal Pradesh received 64.9 mm actual rainfall against its normal value of 101.1 mm which was 36% less than its Long Period Average. Districts Una, Shimla & Kinnaur have received normal precipitation and remaining districts of Himachal Pradesh have received deficient precipitation in the month of June 2026.
2. In the month of July, Himachal Pradesh received 272.5 mm actual rainfall against its normal value of 255.9 mm which was 6% more than its Long Period Average. District Kullu has received large excess precipitation; districts Chamba, Kinnaur & Shimla have received excess precipitation; districts Bilaspur, Kangra, Sirmaur, Solan & Una have received normal precipitation and remaining districts of Himachal Pradesh have received deficient precipitation in the month of July 2026.
3. In the month of August, Himachal Pradesh received 212.5 mm actual rainfall against its normal value of 256.8 mm which was 17% less than its Long Period Average. Districts Bilaspur, Kangra, Kullu, Mandi, Shimla, Sirmaur & Una have received normal precipitation; districts Chamba, Hamirpur & Solan have received deficient precipitation and remaining districts of Himachal Pradesh have received large deficient precipitation in the month of August 2026.
4. In the month of September, Himachal Pradesh has received 103.4 mm actual rainfall against its normal value of 120.6 mm which is 14% less than its Long Period Average. Districts Kinnaur has received large excess precipitation; districts Bilaspur, Shimla & Sirmaur have received excess precipitation; districts Hamirpur, Kangra, Mandi & Solan received normal precipitation; districts Chamba, Kullu & Una received deficient precipitation and district Lahaul-Spiti has received large deficient precipitation.
5. Extremely heavy rainfall was reported over Sirmaur district on 10th July during this monsoon season.
6. In the month of July, 8 days; in August, 4 days and in September, 2 days very heavy rainfall was reported over Himachal Pradesh during this monsoon season.

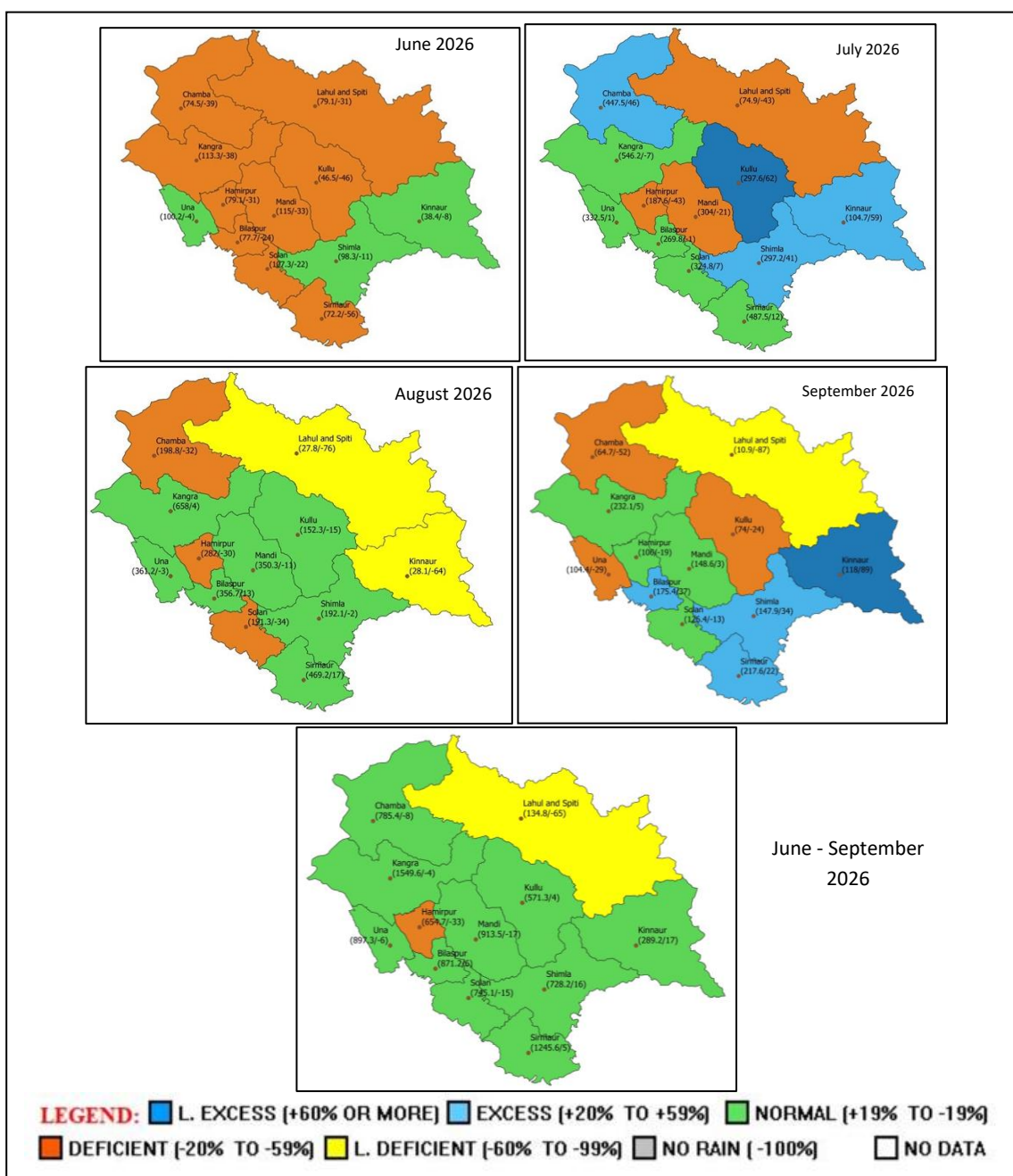
3. Withdrawal of Southwest Monsoon: -

- The Southwest monsoon has withdrawn from the entire Himachal Pradesh today, the 03rd October, 2026 against the normal date of 25th September.

The onset and withdrawal dates of SW Monsoon from Himachal Pradesh in the last few years are given below: -

Year	Onset	Withdrawal
2015	24.06.2015	29.09.2015
2016	21.06.2016	05.10.2016
2017	01.07.2017	30.09.2017
2018	27.06.2018	01.10.2018
2019	02.07.2019	11.10.2019
2020	24.06.2020	30.09.2020
2021	13.06.2021	10.10.2021
2022	29.06.2022	03.10.2022
2023	24.06.2023	06.10.2023
2024	27.06.2024	02.10.2024
2025	20.06.2025	26.09.2025
2026	30.06.2026	03.10.2026

4. Monthly And Seasonal District Wise Observed Rainfall(mm) and its Departures (%) from LPA



5. Comparison of actual precipitation and departure (%) in HP for period 2015-2026 for September: -

Year	Actual	%Dep.
2015	74.0	-42
2016	56.8	-55
2017	106.1	-17
2018	269.8	111
2019	93.5	-27
2020	29.9	-77
2021	173.3	36
2022	135.3	12
2023	69.9	-42
2024	125.2	4
2025	205.7	71
2026	103.4	-14

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

6. Comparison of actual precipitation and departure (%) in HP for period 2015-2025 for monsoon season-

Year	Actual	%Dep.
2015	638.2	-16
2016	623.9	-18
2017	717.2	-6
2018	927.0	21
2019	686.9	-10
2020	567.4	-26
2021	688.6	-10
2022	716.2	-2
2023	886.0	21
2024	600.8	-18
2025	1022.5	39
2026	652.3	-11

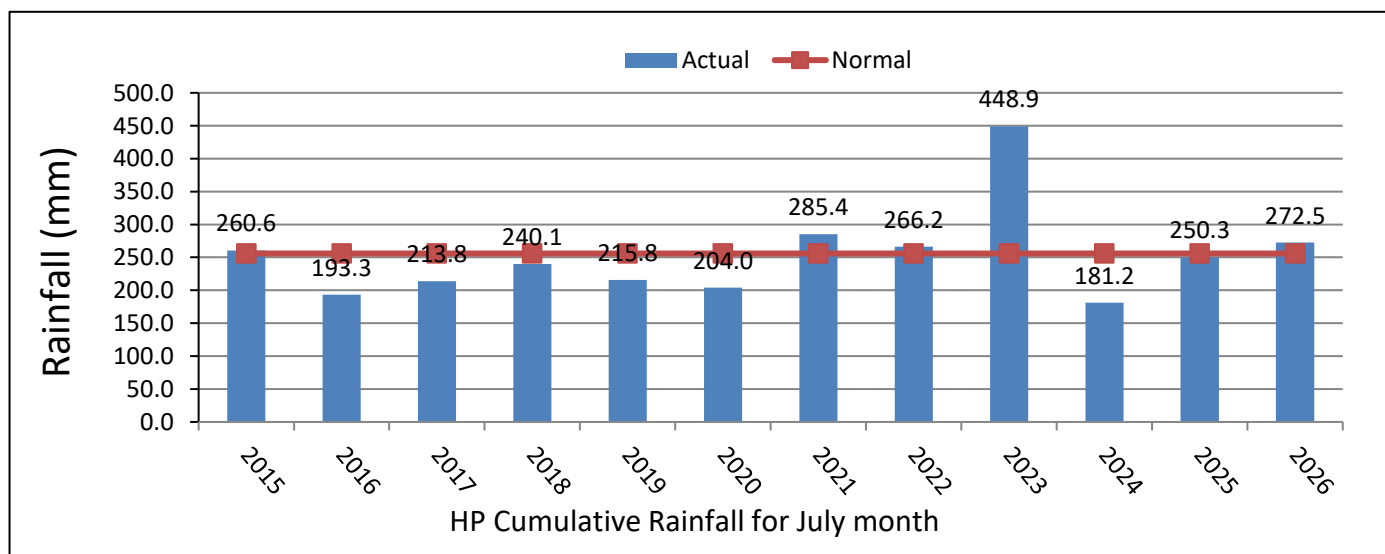
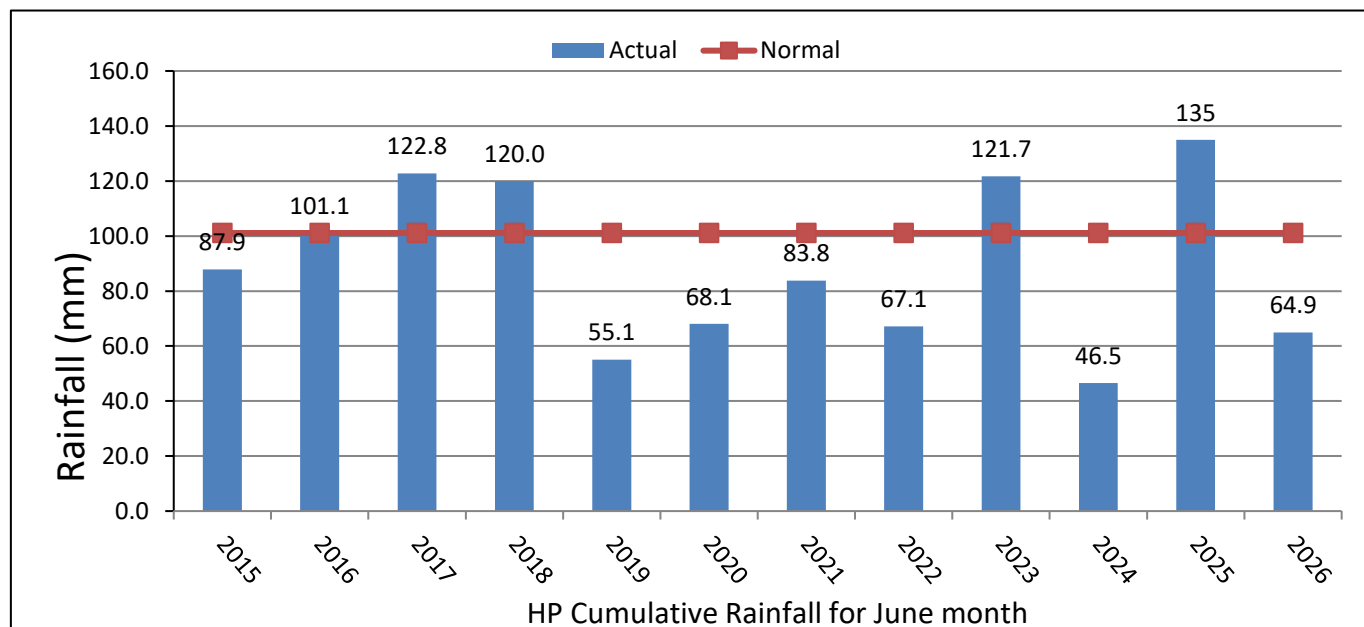
LEGEND: ■ L. EXCESS (+60% OR MORE) ■ EXCESS (+20% TO +59%) ■ NORMAL (+19% TO -19%)
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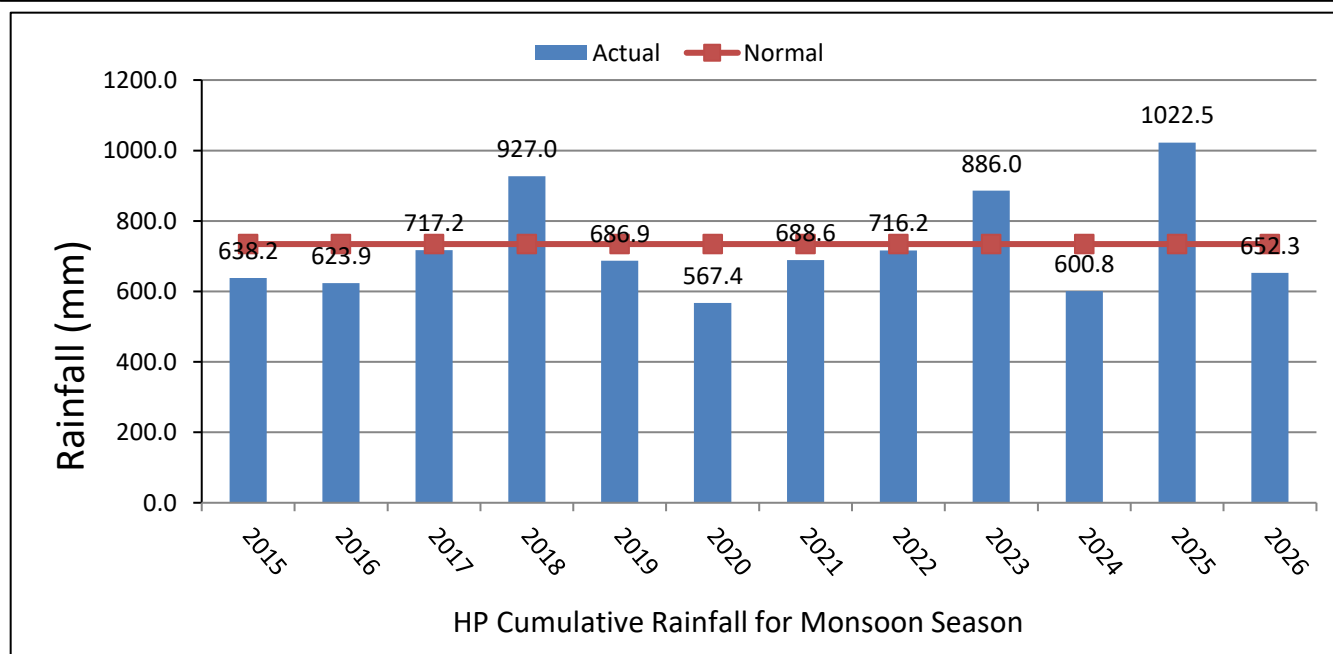
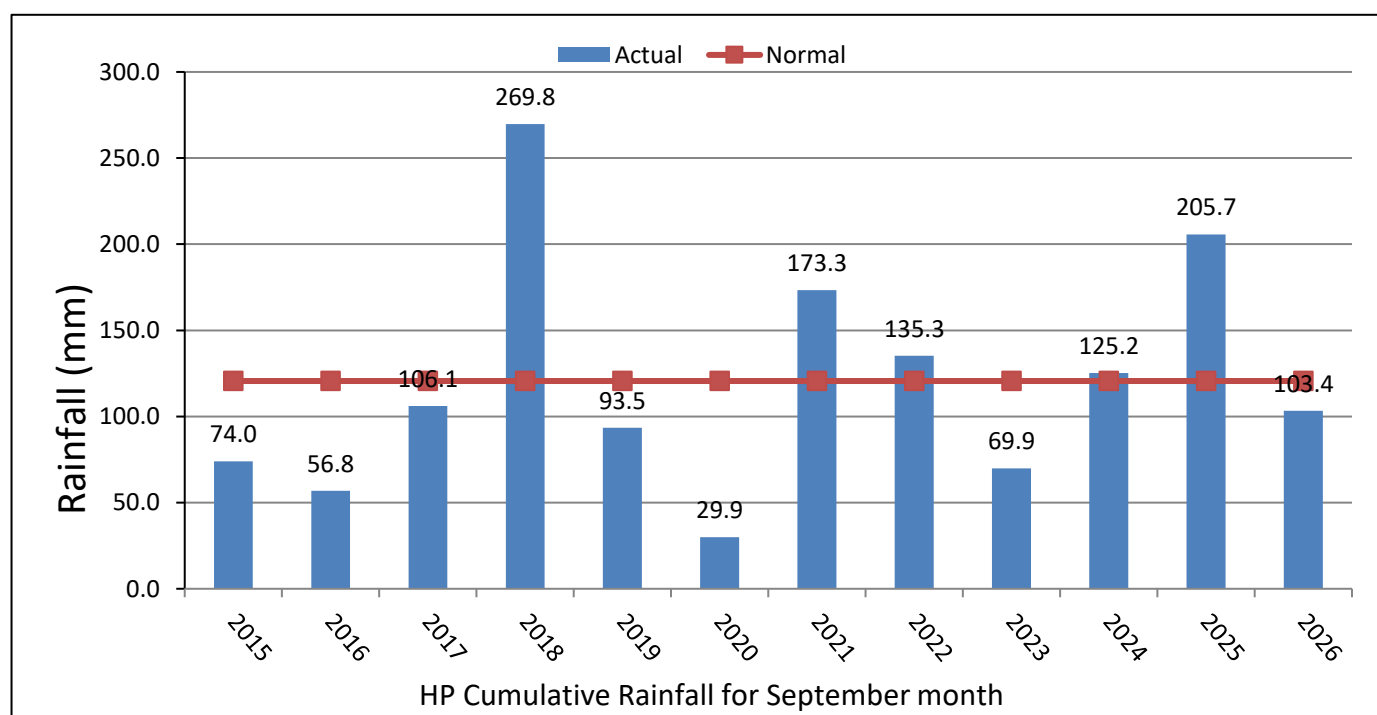
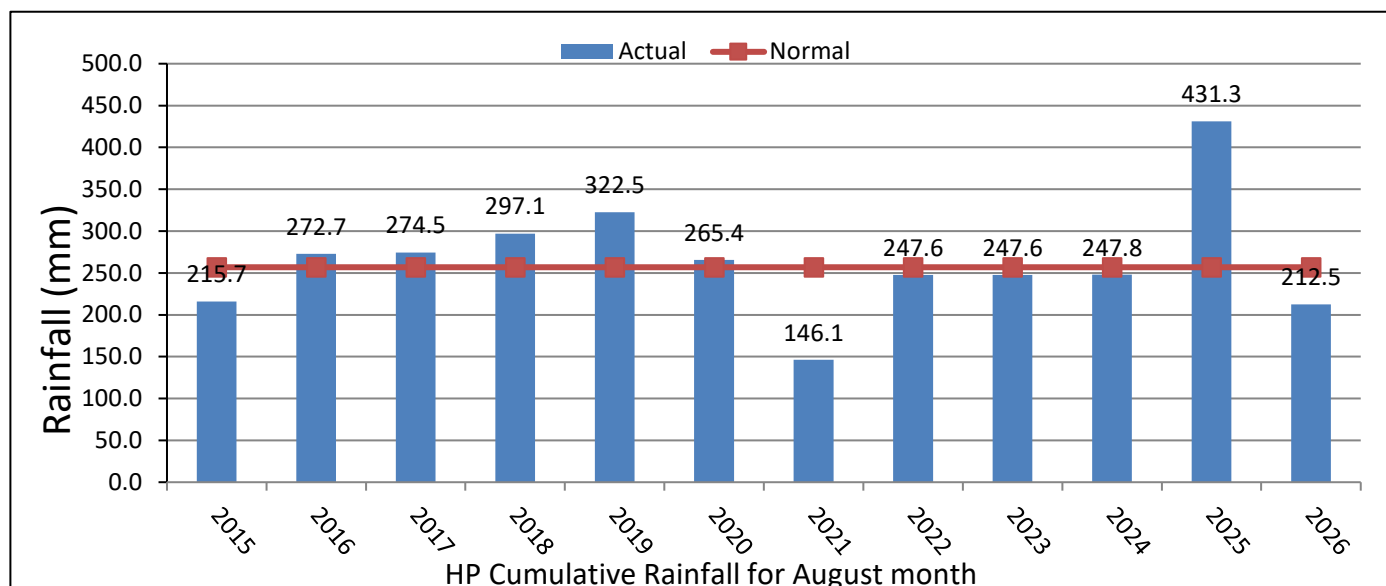
7. Monthly and Seasonal Rainfall: -

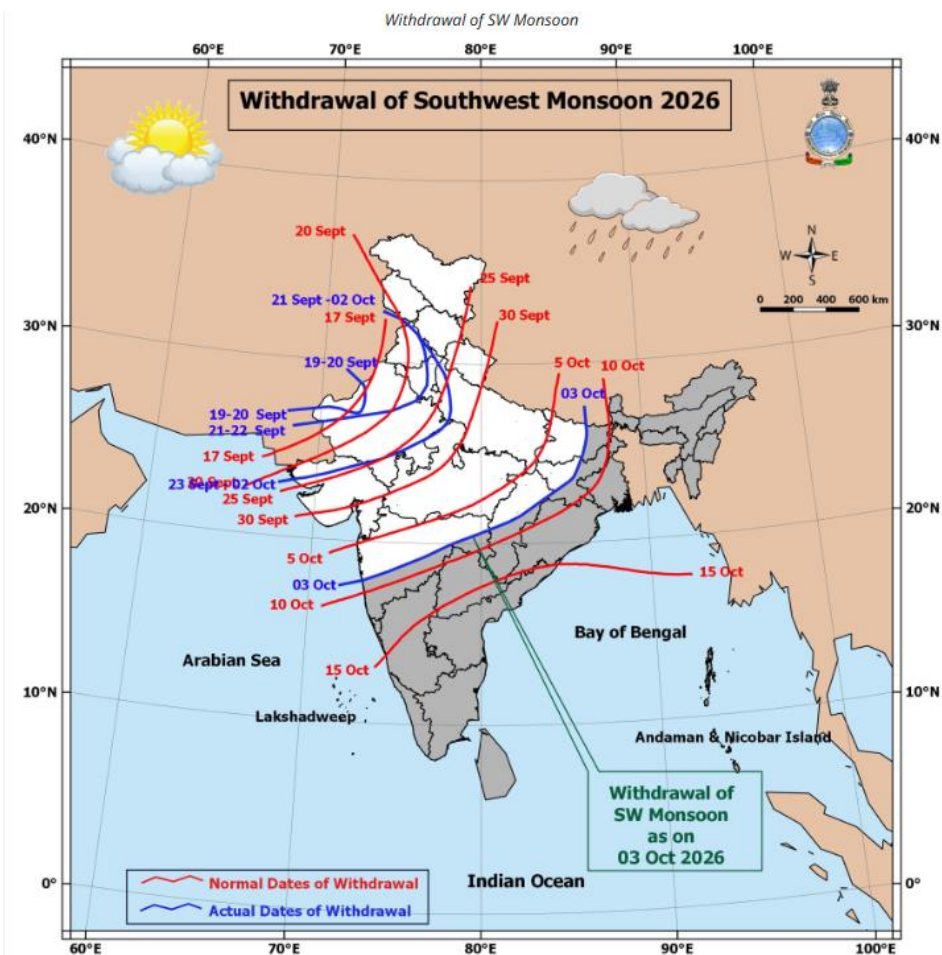
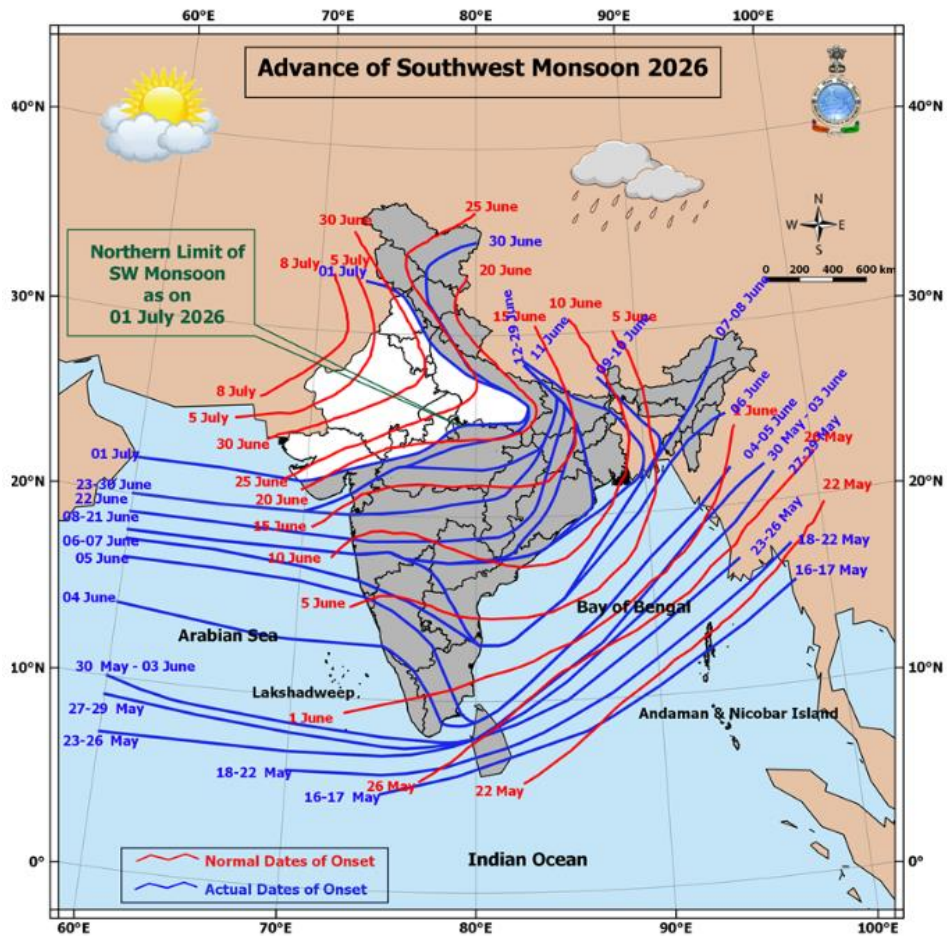
Month	Rainfall	Actual(mm)	Normal(mm)	Departure (%)
June		64.9	101.1	-36
July		272.5	255.9	6
August		212.5	256.8	-17
September		103.4	120.6	-14
Seasonal		652.3	734.4	-11

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 ■ DEFICIENT (-20% TO -59%) ■ L. DEFICIENT (-60% TO -99%) ■ NO RAIN (-100%) ■ NO DATA

8. Monthly and Seasonal rainfall (mm) comparison from 2015-2026:-







9. Verification of LRF:-

As per the Long Range Forecast issued on 30th May, 2026, NW India including Himachal Pradesh most likely to receive below normal rainfall and rainfall likely to be <92% of LPA. However, Himachal Pradesh received 642.5 mm of actual rainfall against the 734.4 mm (LPA) during monsoon 2026.

10. Dissemination of weather forecast:-

All the weather forecast & warning bulletins, press release and nowcast were issued on timely manner and disseminated to all the stakeholders and users through all the possible modes such as website, e-mail, and our social media groups like WhatsApp, Instagram, X, Facebook, YouTube etc. and Sachet were also issued during any severe weather event.

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

With Regards
Meteorological Centre
Shimla

For more information kindly visit:

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

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