



Dated: 14<sup>th</sup> April, 2026

## Long Range Forecast for the 2026 Southwest Monsoon Season Rainfall (June-September)

- The Southwest monsoon seasonal (June to September, 2026) rainfall over the country as a whole is likely to be 92 % of the Long Period Average (LPA) with a model error of  $\pm 5\%$ . The LPA of the season rainfall over the country as a whole for the period **1971-2020 is 87 cm**.
- The southwest monsoon seasonal (June to September, 2026) rainfall is most likely to be below normal over the country as a whole and will be (90-95% of LPA).
- The five-category probability forecast for the Seasonal (June to September) rainfall over the country as a whole is given below. The forecast indicates that the probabilities for both below normal and deficient rainfall categories are higher than their respective climatological probabilities. The forecast probabilities for the “Above Normal” and “Excess” rainfall categories are lower than their respective climatological probabilities. Overall, the Southwest Monsoon seasonal rainfall over the country is most likely to be below normal (90–95% of LPA).

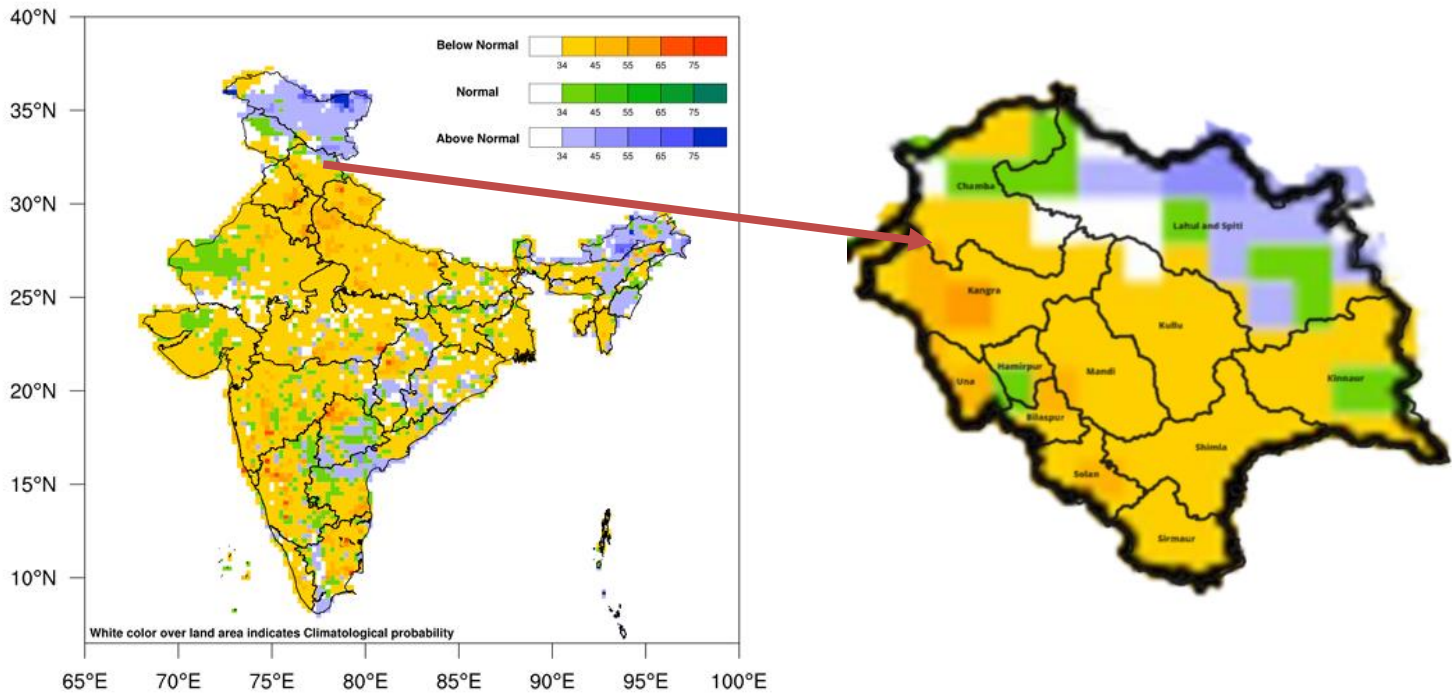
Category	Rainfall Range (% of LPA)	Forecast Probability (%)	Climatological Probability (%)
Deficient	< 90	35	16
Below Normal	90 - 95	31	17
Normal	96 -104	27	33
Above Normal	105 -110	6	16
Excess	> 110	1	17

- The 2026 southwest monsoon (June to September) rainfall across Himachal Pradesh is very likely to be below normal over most parts of the state except over Lahaul-Spiti district, where it is likely to be normal to above normal and over some parts of Chamba, Kinnaur & Hamirpur districts, where it is likely to be near normal.
- Rainfall Normal (1971-2020) for southwest Monsoon for **Himachal Pradesh** is **(734.4) mm**.

- District wise monsoon normal rainfall for Himachal Pradesh:

S.No.	District	Normal(mm)
1	Bilaspur	819.1
2	Chamba	853.4
3	Hamirpur	973.2
4	Kangra	1622.4
5	Kinnaur	247.8
6	Kullu	548
7	Lahaul & Spiti	382.9
8	Mandi	1097.5
9	Shimla	627.5
10	Sirmaur	1183.8
11	Solan	874.3
12	Una	953
13	Sub- Division HP	734.4

Tercile probability rainfall forecast for 2026 southwest monsoon season



- At present, Weak La Niña-like conditions are transitioning to ENSO-neutral conditions over the equatorial Pacific. Atmospheric circulation features across the tropical Pacific remain consistent with weak La Niña-like conditions. The Monsoon Mission Climate Forecast System (MMCFS) suggests the development of El Niño conditions during the SW Monsoon season.
- At present, neutral Indian Ocean Dipole (IOD) conditions are present over the Indian Ocean and the latest Climate models forecast indicates that the positive IOD conditions are likely to develop towards the end of the southwest monsoon season.
- The northern hemisphere snow cover extent during the last three months (January to March 2026) was slightly below normal. Winter and spring snow cover extent over Northern Hemisphere as well as Eurasia has a general inverse relationship with the subsequent southwest monsoon seasonal rainfall over the country.

With Regards  
Meteorological Centre Shimla

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