



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



Himachal Pradesh

Date: 20.06.2025

**Sub: - 1. Arrival of Southwest Monsoon over Himachal Pradesh
2. Heavy to very heavy rainfall activity very likely over parts of plains/low hills
and adjoining mid hills during 20th to 25th June, 2025.**

- The Southwest Monsoon has set in over Himachal Pradesh and covered some parts of the state including Shimla, today, the 20th June 2025.
- The Northern Limit of Monsoon passes through 25.0°N/60.0°E, 25.0°N/65.0°E, 25.5°N/70.0°E, Jaipur, Agra, Rampur, Dehradun, **Shimla, Manali** and 33.5°N/79.0°E.
- During last 24 hours, heavy rainfall with thunderstorm and lightning reported at isolated places of the state with moderate rainfall at few places of the state.
- Conditions are favourable for further advance of Southwest monsoon over remaining parts of **Himachal Pradesh** during next 2 days.

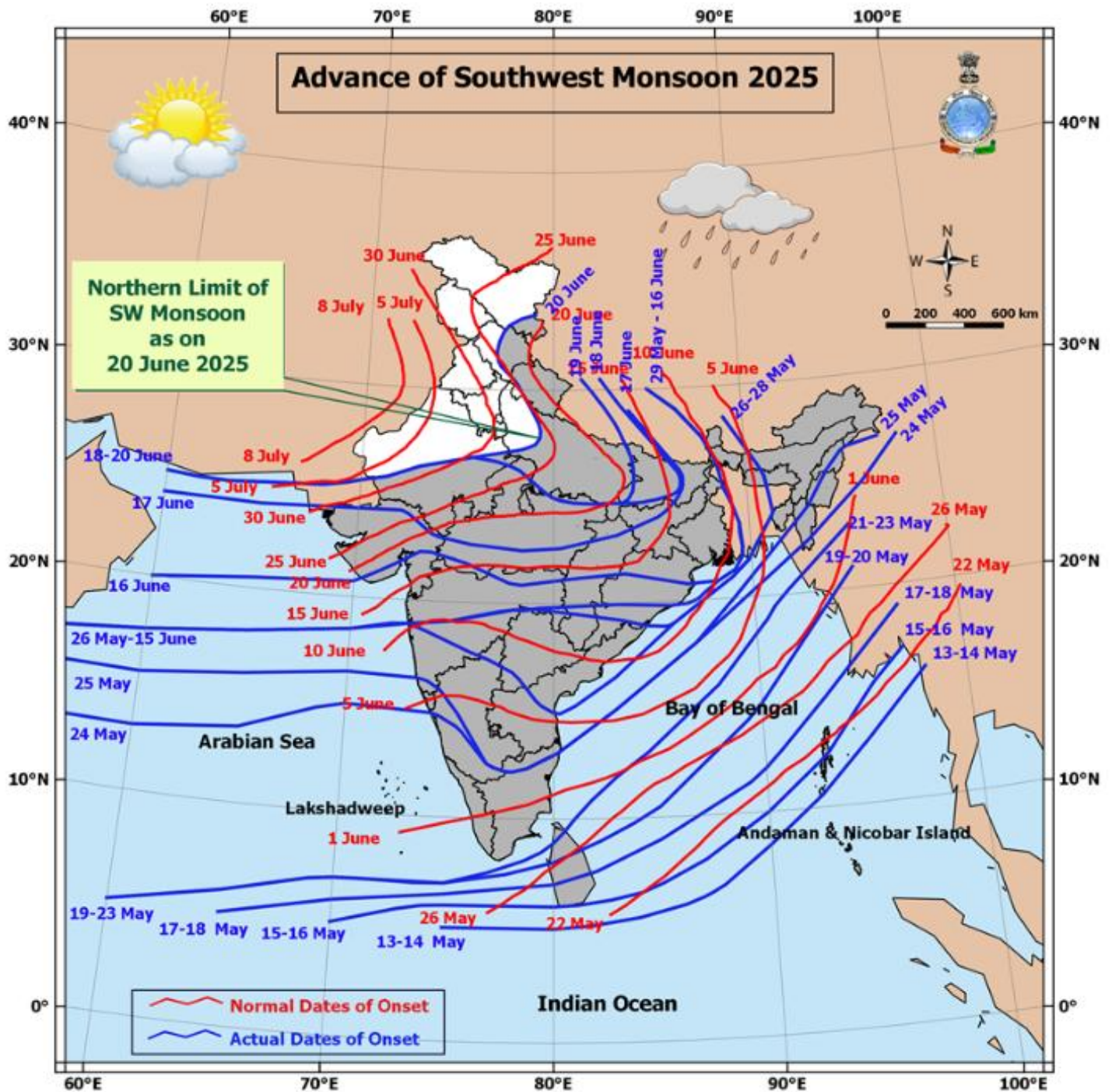
➤ *In view of the advancement of Southwest Monsoon over Himachal Pradesh, following weather is expected:*

Weather Forecast:

- *Fairly widespread to widespread rainfall with isolated heavy to very heavy rainfall very likely over many parts of low hills/plains & adjoining mid hills and light to moderate rainfall over some parts of the high & adjoining mid hills of the state during 20th to 25th June, 2025 with peak intensity on 22nd and 25th June, 2025.*

Weather Warning (Orange Alert):

- **20th June: Heavy rainfall** very likely at isolated places over Kangra, Sirmaur, Hamirpur and Mandi districts.
- **21st June: Heavy rainfall** very likely at isolated places over Una, Hamirpur, Kangra, Sirmaur, Shimla and Solan districts.
- **22nd June: Heavy to very heavy rainfall** very likely at isolated places over Una, Bilaspur, Hamirpur, Kangra, Shimla, Sirmaur and Solan and **heavy rainfall** at isolated places over Chamba, kullu and Mandi districts.
- **23rd June: Heavy to very heavy rainfall** likely at isolated places over Kangra and Sirmaur and **heavy rainfall** at isolated places over Shimla, Solan and Mandi districts.
- **24th June: Heavy rainfall** likely at isolated places over Chamba, Sirmaur, Mandi and Solan districts.



Advance of Southwest Monsoon 2025

Arrival of Southwest Monsoon over Himachal Pradesh during last 25 years:

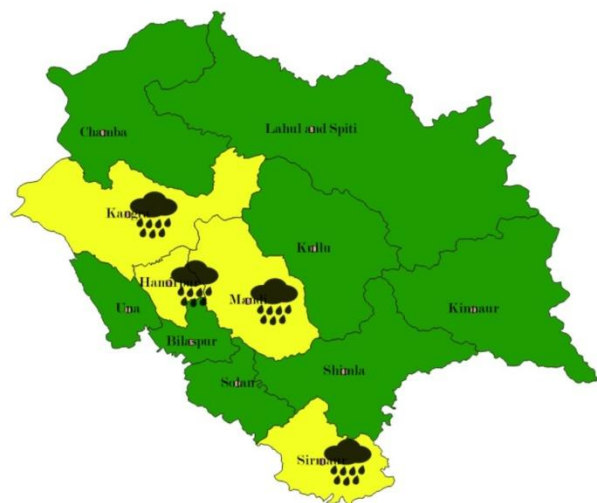
Year	Arrival
2000	09.06.2000
2001	23.06.2001
2002	04.07.2002
2003	27.06.2003
2004	18.06.2004
2005	26.06.2005
2006	30.06.2006
2007	26.06.2007
2008	13.06.2008
2009	30.06.2009
2010	05.07.2010
2011	25.06.2011
2012	27.06.2012
2013	15.06.2013
2014	01.07.2014
2015	24.06.2015
2016	21.06.2016
2017	01.07.2017
2018	27.06.2018
2019	02.07.2019
2020	24.06.2020
2021	13.06.2021
2022	29.06.2022
2023	24.06.2023
2024	27.06.2024
2025	20.06.2025

Expected Impact and Action suggested due to Heavy to Very Heavy Rainfall over Himachal Pradesh

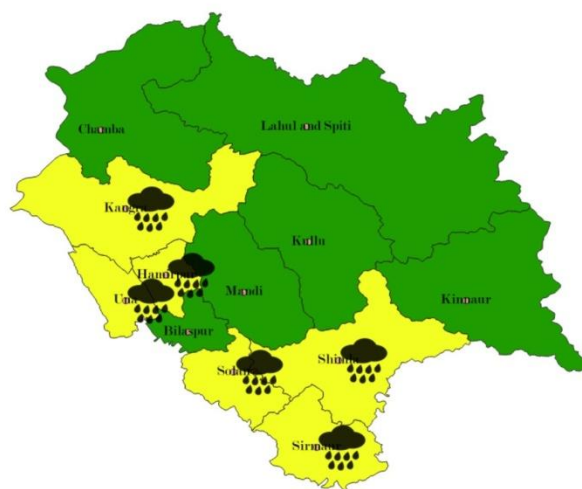
Weather Warning	Affected areas	Impacts and advisories
Heavy to Very Heavy rainfall	Low hills/plains and mid hills areas	<p>Impacts:</p> <ul style="list-style-type: none"> ➤ Possibility of localised landslide/mudslide in vulnerable areas ➤ Water logging in low lying areas. ➤ Partial damage to vulnerable structures. ➤ Vehicles skidding due to slippery roads and low visibility ➤ Traffic congestion. ➤ Localised essential services and routine outdoor business may affect. ➤ Possibility of disruptions of essential services viz. water and electricity, communications and related services. <p>Advisories:</p> <ul style="list-style-type: none"> ➤ Follow any traffic advisories. ➤ Avoid going to vulnerable areas and areas that face the water logging problems often. ➤ Do not go swimming or boating in rivulets/streams during heavy spells. ➤ Maintain safe distance from river flow and water bodies. ➤ Follow advisories/guidelines issued by the state government.

DISTRICTWISE WEATHER WARNING FOR THE NEXT 5 DAYS

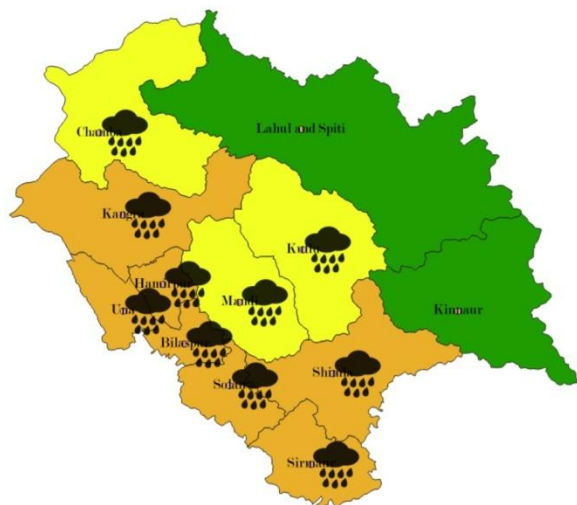
DAY 1(UPTO 0830 IST OF 21.06.2025)



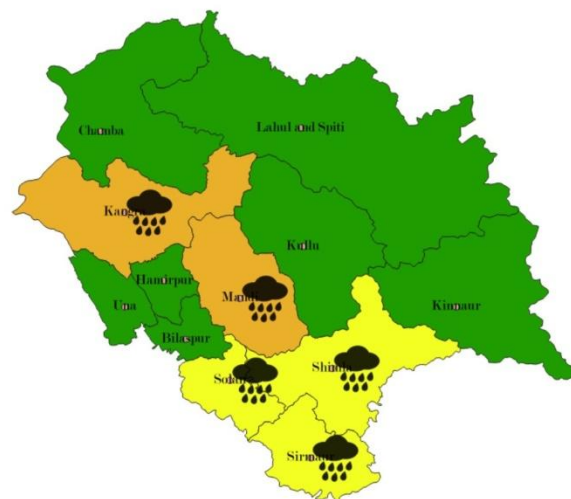
DAY 2(UPTO 0830 IST OF 22.06.2025)



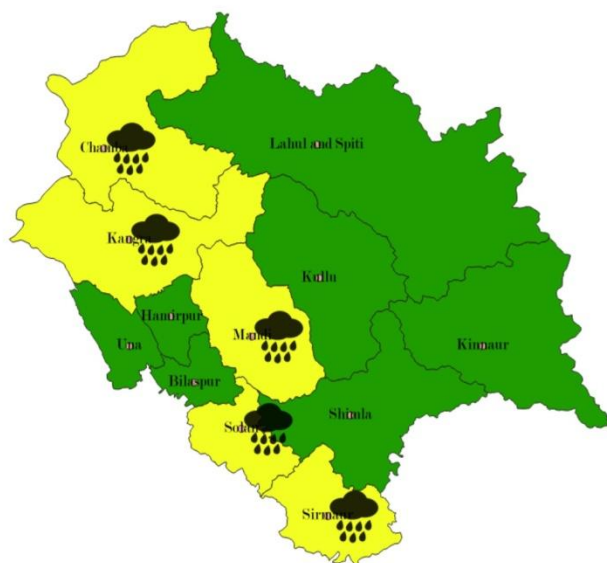
DAY 3(UPTO 0830 IST OF 23.06.2025)



DAY 4(UPTO 0830 IST OF 24.06.2025)



DAY 5(UPTO 0830 IST OF 25.06.2025)



Legends.

Warning.

- NO WARNING (NO ACTION)-कोई कार्यवाही नहीं
- WATCH (BE UPDATED)-निगरानी रखे
- ALERT(BE PREPARED)-सतर्क रहे
- WARNING(TAKE ACTION)-कार्यवाही करे

legends

- THUNDERSTORM
- Heavy rain with thunderstorm
- SNOW
- Heavy to Very Rain with thunderstorm
- HEAT WAVE
- GUSTY WINDS(Wind speed 30-40kmph)
- HAIL
- COLD WAVE / COLD DAY
- FOG
- Ground Frost

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

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Regards,

Met Centre Shimla

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