



**Weekly Weather Report of HARYANA**

***Dated 03.07.2025***

**Synoptic Features:**

The Southwest Monsoon has covered the entire country on 29<sup>th</sup> June, 2025, against the normal date of 08<sup>th</sup> July (9 days before the normal date of covering the entire India). The monsoon trough at mean sea level now passes through Jaisalmer, Kota, Guna, Satana, Daltonganj, Digha and thence east southeastwards to northeast Bay of Bengal and extends upto 0.9 km above mean sea level.

**DISTRIBUTION OF TEMPERATURES:**

REGION/DATE	27.06.2025	28.06.2025	29.06.2025	30.06.2025	01.07.2025	02.07.2025	03.07.2025
MAXIMUM TEMPERATURE	N	N	ABN	MBN	ABN	ABN	BN
MINIMUM TEMPERATURE	AN	N	N	BN	BN	N	N

**DISTRIBUTION OF RAINFALL**

REGION/DATE	27.06.2025	28.06.2025	29.06.2025	30.06.2025	01.07.2025	02.07.2025	03.07.2025
RAINFALL	ISOL	ISOL	SCT	FWS	FWS	SCT	ISOL

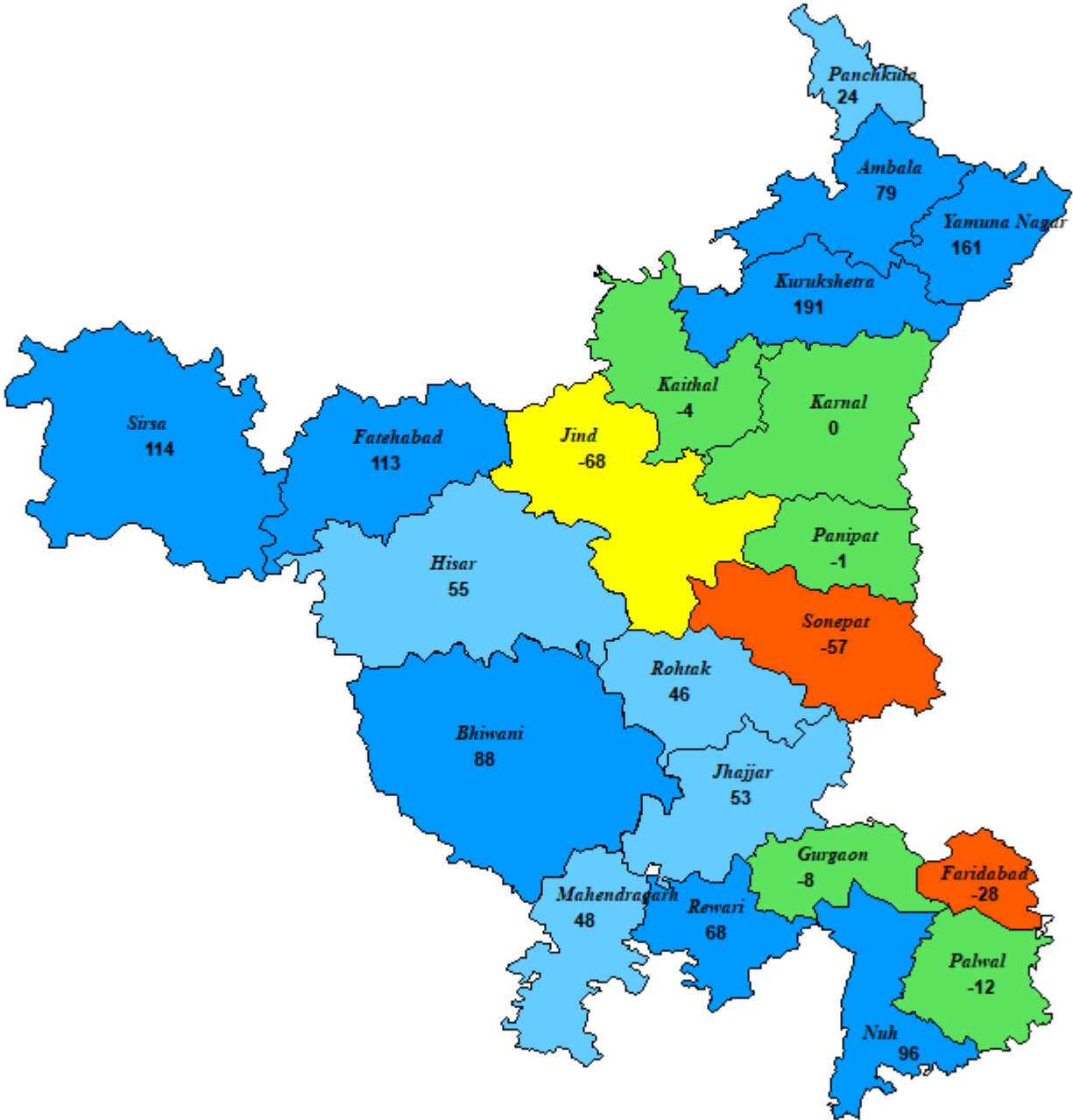
STATION	HIGHEST MAXIMUM	LOWEST MAXIMUM	HIGHEST MINIMUM	LOWEST MINIMUM	TOTAL RAINFALL	AVERAGE MAXIMUM	AVERAGE MINIMUM
CHANDIGARH	37.2	29.9	29.2	23.6	255.0	33.6	25.4
AMBALA	37.7	29.4	29.0	24.0	133.6	34.0	26.3
HISAR	37.0	32.3	28.5	25.2	35.4	35.2	26.8
KARNAL	35.4	29.0	27.6	25.0	23.6	33.3	26.5

WEATHER PHENOMENON OBSERVED DURING THE WEEK	
THUNDERSTORM	THUNDERSTORM/ LIGHTNING OCCURRED AT MANY PLACES
GUSTY WIND	GUSTY WIND OCCURRED AT ISOLATED PLACES
RAINFALL	LIGHT TO MODERATE RAINFALL OCCURRED AT MANY PLACES IN THIS WEEK HEAVY RAINFALL OCCURRED AT ISOLATED PLACES

INDIA METEOROLOGICAL DEPARTMENT  
MC CHANDIGARH

Rainfall % Departures from the Long Period Averages  
for Districts in HARYANA

PERIOD : 27.06.2025 - 03.07.2025



**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

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DISTRICTWISE RAINFALL

HARYANA						
	WEEKLY RAINFALL (27 <sup>th</sup> June 2025 to 03 <sup>rd</sup> July 2025)			SEASONAL RAINFALL (01 <sup>st</sup> June 2025 to 03 <sup>rd</sup> July 2025)		
DISTRICT	Actual	Normal	% Dep.	Actual	Normal	% Dep.
AMBALA	77.3	43.1	79	128.8	135.6	-5
BHIWANI	26.7	14.2	88	61.6	47.2	30
CHANDIGARH	194	50.9	281	235.3	174.5	35
CHARKHI DADRI	71.3	19.5	265	107	62.2	72
FARIDABAD	15.9	22.2	-28	30.3	57.3	-47
FATEHABAD	31.8	14.9	113	43.5	44.5	-2
GURGAON	23.3	25.3	-8	66	59	12
HISAR	25.5	16.5	55	85.6	50.1	71
JHAJJAR	34.2	22.3	53	75.6	47.4	60
JIND	7.8	24.7	-68	39.6	68.9	-43
KAITHAL	11.8	12.2	-4	43.5	58.1	-25
KARNAL	29	29.1	0	107	90.7	18
KURUKSHETRA	52	17.9	191	194.9	66.7	192
MAHENDRAGARH	38	25.6	48	153.3	66.6	130
NUH	54.4	27.7	96	140.4	62.2	126
PALWAL	19.1	21.8	-12	41.1	44.8	-8
PANCHKULA	54.4	43.8	24	79	123.3	-36
PANIPAT	26.3	26.5	-1	54.5	68	-20
REWARI	37.4	22.3	68	127	60.2	111
ROHTAK	41.5	28.5	46	74	67.1	10
SIRSA	31.1	14.5	114	47.1	46	2
SONEPAT	9.1	21.3	-57	48	64.1	-25
YAMUNA NAGAR	140.3	53.8	161	324.5	148.8	118
HARYANA	35.4	22.9	55	86.4	65.4	32

LEGENDS:

TERM	% DEPARTURE FROM NORMAL	INTENSITY OF RAINFALL	AMOUNT OF RAINFALL
LARGE DEFICIENT	- 60% OR LESS	VERY LIGHT RAINFALL	0.1 -2.4 mm
DEFICIENT	- 20 % TO - 59%	LIGHT RAINFALL	2.5 -15.5 mm
NORMAL	+ 19% TO -19%	MODERATE RAINFALL	15.6 -64.4 mm
EXCESS	+ 20 % TO + 59%	HEAVY RAINFALL	64.5 -115.5 mm
LARGE EXCESS	+ 60% OR MORE	VERY HEAVY RAINFALL	115.6 -204.4 mm
NO RAIN	- 100 %	EXTREMELY HEAVY RAINFALL	≥ 204.5 mm
		EXCEPTIONALLY HEAVY RAINFALL	When the amount is a value near about the highest recorded rainfall at or near the station for the month or season. However,this term will be used only when the actual rainall amount exceeds 12 cm.
TERMINOLOGY	DEPARTURES FROM NORMAL	TERMINOLOGY	DEPARTURES FROM NORMAL
N- NORMAL	-1.5 TO 1.5 ° C	BN - BELOW NORMAL	-1.6- (-3.0) ° C
AN -ABOVE NORMAL	1.6 -3.0 ° C	ABN – APPRECIABLY BELOW NORMAL	-3.1-(-5.0) ° C
AAN- APPRECIABLY ABOVE NORMAL	3.1-5.0 ° C	MBN -MARKEDLY BELOW NORMAL	-5.1 ° C or less
MAN - MARKEDLY ABOVE NORMAL	5.1 ° C or less		



## DEFINITION/CRITERIA

### Rain/ Snow \*

Heavy: 64.5 to 115.5 mm/cm *
Very Heavy: 115.6 to 204.4 mm/cm *
Extremely Heavy: > 204.4 mm/cm *

### Heat Wave

**When maximum temperature of a station reaches  $\geq 40^{\circ}\text{C}$  for plains and  $\geq 30^{\circ}\text{C}$  for hilly regions**  
**(a) Based on Departure from normal**

Heat Wave: Maximum Temperature Departure from normal $4.5^{\circ}\text{C}$ to $6.4^{\circ}\text{C}$ .
Severe Heat Wave: Maximum Temperature Departure from normal $\geq 6.5^{\circ}\text{C}$

**(b). Based on Actual maximum temperature**

Heat Wave: When actual maximum temperature $\geq 45^{\circ}\text{C}$ .
Severe Heat Wave: When actual maximum temperature $\geq 47^{\circ}\text{C}$

**(c). Criteria for heat wave for coastal stations**

When maximum temperature departure is  $> 4.5^{\circ}\text{C}$  from normal. Heat Wave may be described provided maximum temperature  $\geq 37^{\circ}\text{C}$

### Warm Night

**When maximum temperature remains  $40^{\circ}\text{C}$**

Warm Night: When minimum temperature departure $4.5^{\circ}\text{C}$ to $6.4^{\circ}\text{C}$ .
Severe Warm Night: When minimum temperature departure $> 6.4^{\circ}\text{C}$ .

### Cold Wave

**When minimum temperature of a station  $\leq 10^{\circ}\text{C}$  for plains and  $\leq 0^{\circ}\text{C}$  for hilly regions.**  
**(a). Based on departure**

Cold Wave: Minimum Temperature Departure from normal $-4.5^{\circ}\text{C}$ to $-6.4^{\circ}\text{C}$ .
Severe Cold Wave: Minimum Temperature Departure from normal $\leq -6.5^{\circ}\text{C}$

**(b) Based on actual Minimum Temperature (for Plains only)**

Cold Wave : When Minimum Temperature is $\leq 4.0^{\circ}\text{C}$
Severe Cold Wave: When Minimum Temperature is $\leq 2.0^{\circ}\text{C}$

**(c) For Coastal Stations**

When Minimum Temperature departure is  $\leq -4.5^{\circ}\text{C}$  & actual Minimum Temperature is  $\leq 15^{\circ}\text{C}$

### Cold Day

**When minimum temperature of a station  $\leq 10^{\circ}\text{C}$  for plains and  $\leq 0^{\circ}\text{C}$  for hilly regions**  
**Based on departure**

Cold Day: Maximum Temperature Departure from normal $-4.5^{\circ}\text{C}$ to $-6.4^{\circ}\text{C}$ .
Severe Cold Day: Maximum Temperature Departure from normal $\leq -6.5^{\circ}\text{C}$

### Fog

**Phenomenon of small droplets suspended in air and the horizontal visibility  $< 1\text{km}$**

Moderate Fog: When the visibility between 500-200 metres
Dense Fog: when the visibility between 50- 200 metres
Very Dense Fog: when the visibility $< 50$ metres

### Thunderstorm

**Sudden electrical discharges manifested by a flash of light (Lightning) and a sharp rumbling sound (thunder)**

### Dust/Sand Storm

**An ensemble of particles of dust or sand energetically lifted to great heights by a strong and turbulent wind.**

### Frost

**Ice deposits on ground**

Air temperature $\leq 4^{\circ}\text{C}$ ( over Plains)
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### Squall

**A strong wind that rises suddenly, lasts for atleast 1 minute.**

Moderate: Wind speed 52-61 kmph
Severe: Wind speed 62-87 kmph
Very Severe: Wind speed $> 87$ kmph

## EXTREME WEATHER EVENTS