



Weekly Weather Report of PUNJAB

Dated 03.07.2025

Synoptic Features:

The Southwest Monsoon has covered the the entire country on 29th June, 2025, against the normal date of 08th 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	ABN	N	N	ABN	ABN	MBN	N
MINIMUM TEMPERATURE	N	AN	AN	N	N	N	AN

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	SCT	ISOL	FWS	WS	FWS	SCT	ISOL

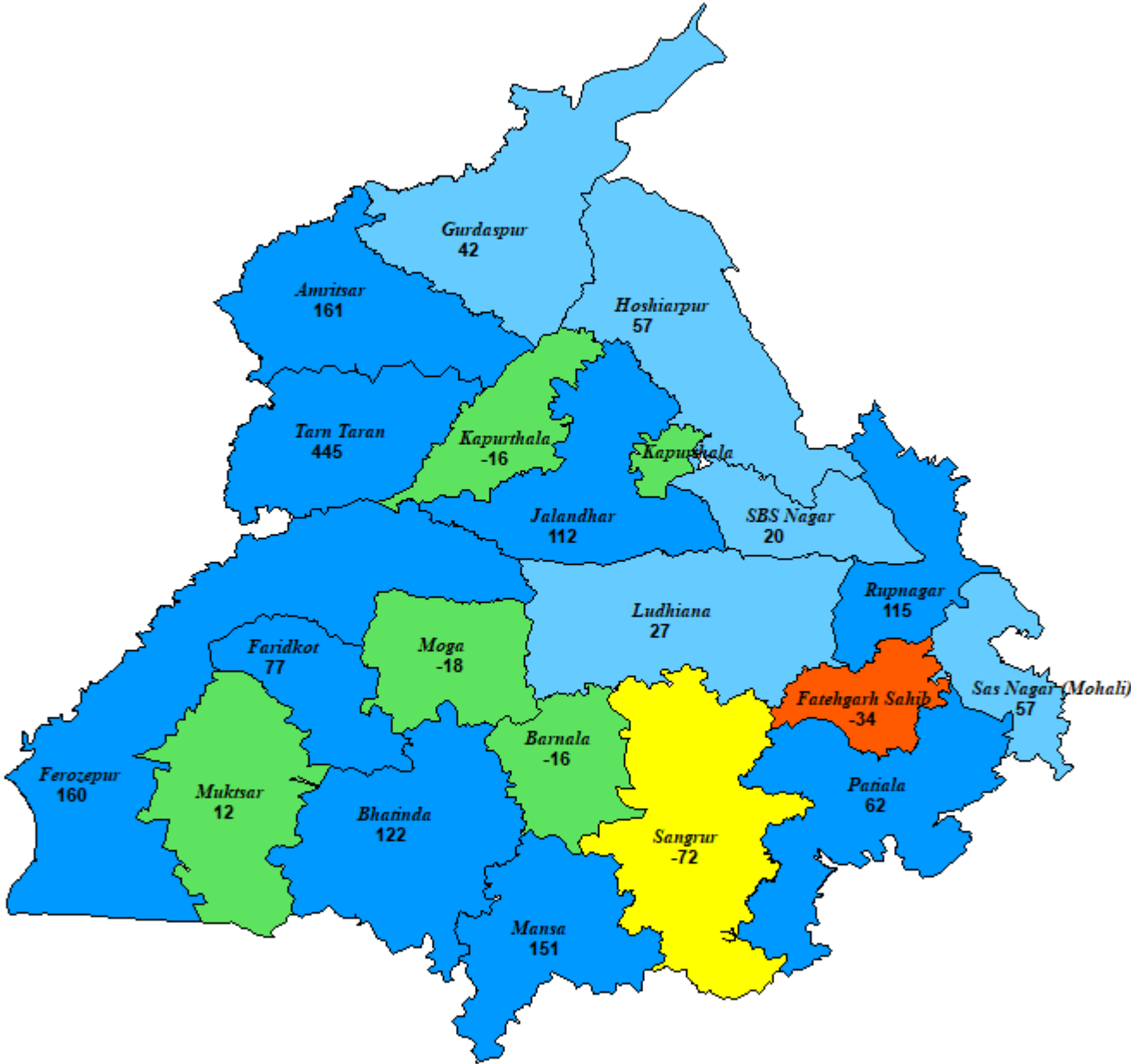
	HIGHEST MAXIMUM	LOWEST MAXIMUM	HIGHEST MINIMUM	LOWEST MINIMUM	TOTAL RAINFALL	AVERAGE MAXIMUM	AVERAGE MINIMUM
AMRITSAR	35.9	29.5	29.2	24.6	55.8	33.3	27.2
LUDHIANA	36.1	28.6	28.2	24.4	38.8	33.1	26.2
PATIALA	36.8	30.0	28.6	24.8	85.8	33.2	26.6
CHANDIGARH	37.2	29.9	29.2	23.6	255.0	33.6	25.4

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 MOST PLACES ON 4 TH DAY OF THIS WEEK HEAVY RAINFALL OCCURRED AT ISOLATED PLACES

INDIA METEOROLOGICAL DEPARTMENT
MC CHANDIGARH

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

PERIOD : 27.06.2025 - 03.07.2025

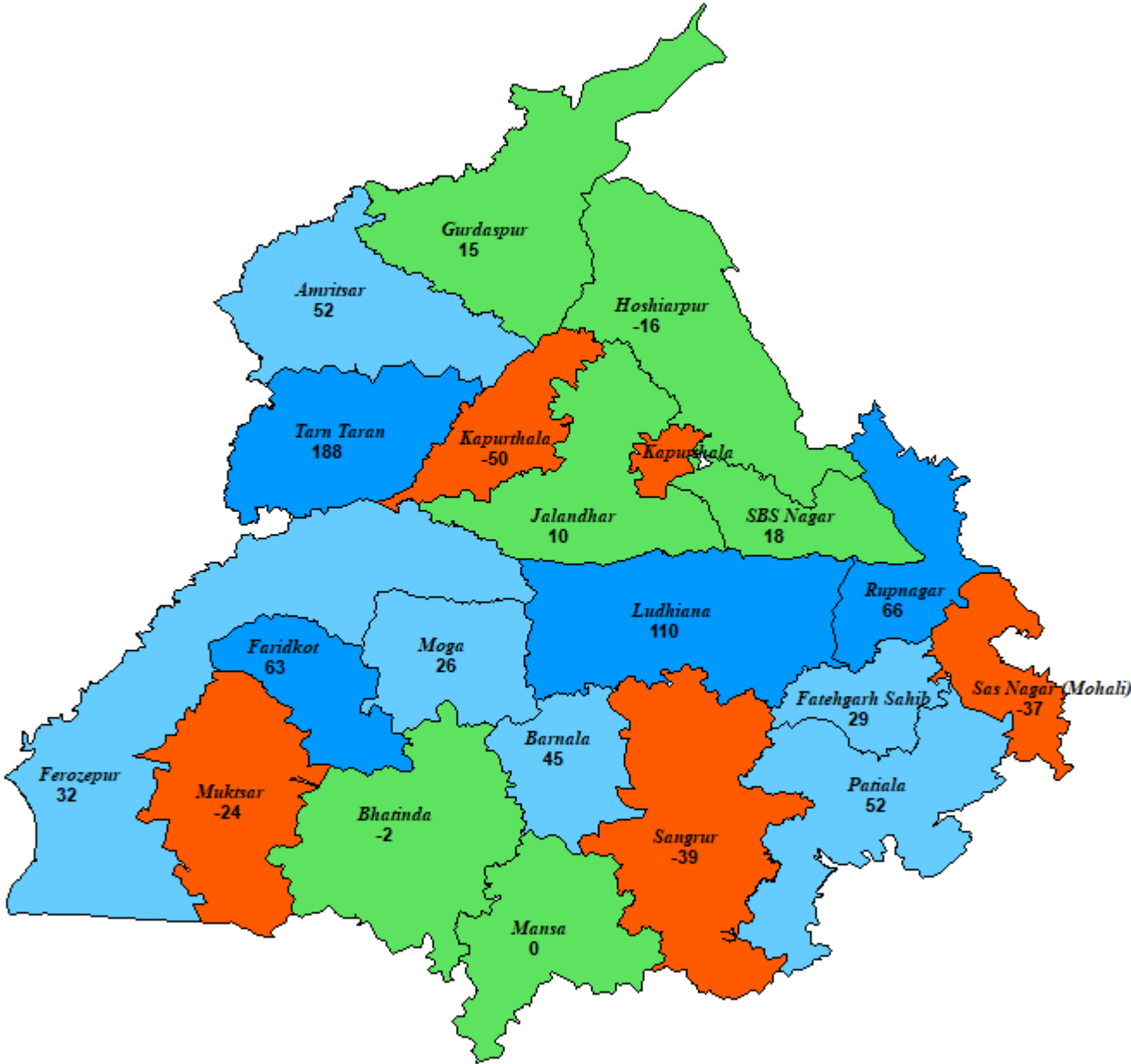


LEGEND: ■ L. EXCESS (+60% OR MORE) ■ EXCESS (+20% TO +59%) ■ NORMAL (+19% TO -19%)
■ DEFICIENT (-20% TO -59%) ■ L. DEFICIENT (-60% TO -99%) ■ NO RAIN (-100%) ■ NO DATA

INDIA METEOROLOGICAL DEPARTMENT
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Rainfall % Departures from the Long Period Averages
for Districts in PUNJAB

PERIOD : 01.06.2025 - 03.07.2025



LEGEND: ■ L. EXCESS (+60% OR MORE) ■ EXCESS (+20% TO +59%) ■ NORMAL (+19% TO -19%)
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DISTRICTWISE RAINFALL

PUNJAB						
	WEEKLY RAINFALL (27 th June 2025 to 03 rd July 2025)			SEASONAL RAINFALL (01 st June 2025 to 03 rd July 2025)		
DISTRICT	Actual	Normal	% Dep.	Actual	Normal	% Dep.
AMRITSAR	59.6	22.8	161	91.7	60.4	52
BARNALA	16.9	20	-16	88.2	61	45
BHATINDA	41.8	18.8	122	52.1	53	-2
FARIDKOT	40.6	22.9	77	101.6	62.4	63
FATEHGARH SAHIB	15.5	23.3	-34	85.8	66.5	29
FAZILKA	12.3	16	-23	39	39.1	0
FEROZEPUR	33.3	12.8	160	49	37.2	32
GURDASPUR	57	40.2	42	98.8	85.9	15
HOSHIARPUR	60.4	38.4	57	77.7	92.2	-16
JALANDHAR	70.1	33.1	112	83.8	75.9	10
KAPURTHALA	23.7	28.1	-16	32.2	64.4	-50
LUDHIANA	36	28.3	27	152.1	72.3	110
MANSA	33.4	13.3	151	45.6	45.7	0
MOGA	12.5	15.3	-18	65.5	51.8	26
MUKTSAR	26.9	24	12	47.8	63	-24
PATHANKOT	34.3	47.9	-28	152.7	106.9	43
PATIALA	38.3	23.7	62	115.4	75.9	52
RUPNAGAR	106.7	49.6	115	198.9	119.8	66
SANGRUR	5.5	19.3	-72	35.6	58.3	-39
SAS NAGAR (MOHALI)	58.1	37.1	57	66.8	105.9	-37
SBS NAGAR	72.9	60.6	20	152.1	128.4	18
TARN TARAN	64.9	11.9	445	86	29.9	188
PUNJAB	40	25.5	57	83.7	66.7	25

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°C to 6.4°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°C

Warm Night: When minimum temperature departure 4.5°C to 6.4°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°C to -6.4°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°C to -6.4°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)

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

Visit IMD MC Chandigarh website at :- https://mausam.imd.gov.in/chandigarh/mcdata/extremes_values.pdf