

NICR

NCDEX Group Company

Weekly Monsoon Report
June 23, 2025



Monsoon 2025

Background

Monsoon 2025

- The Northern Limit of the Monsoon progressed to cover areas like Jaipur, Agra, Rampur, Dehradun, Shimla, Pathankot, and Jammu, and is expected to advance further across North Arabian Sea, Rajasthan, Punjab, Haryana, Chandigarh, Delhi, and the remaining parts of West UP and Himachal Pradesh.
- A low-pressure area over central South Uttar Pradesh weakened, though its associated cyclonic circulation persisted and tilted southwest with height.
- A cyclonic circulation and a trough extended from South UP to northwest Bay of Bengal, affecting Madhya Pradesh, Jharkhand, and North Odisha.
- An upper cyclonic circulation remained active over Saurashtra & Kutch, and another over Northeast Assam and nearby areas.
- The upper cyclonic circulations over Bangladesh and Gangetic West Bengal weakened over the period.
- The trough extending from South Punjab to Southeast UP across Haryana became less marked by the end of the period.

Rainfall (in mm) as on 23 June 2025

As of 23rd June 2025, the overall rainfall across the country was slightly above the long-term average, with an actual of 114.8 mm compared to the normal of 113.0 mm, a surplus of about 2%. Region-wise, Northwest India received significantly higher rains at 62.4 mm, 30% above its long-term average, while Central India also registered a surplus of 10%. In contrast, East and Northeast India received 13% less rainfall than usual, and the South Peninsula was 7% below its long-term average.

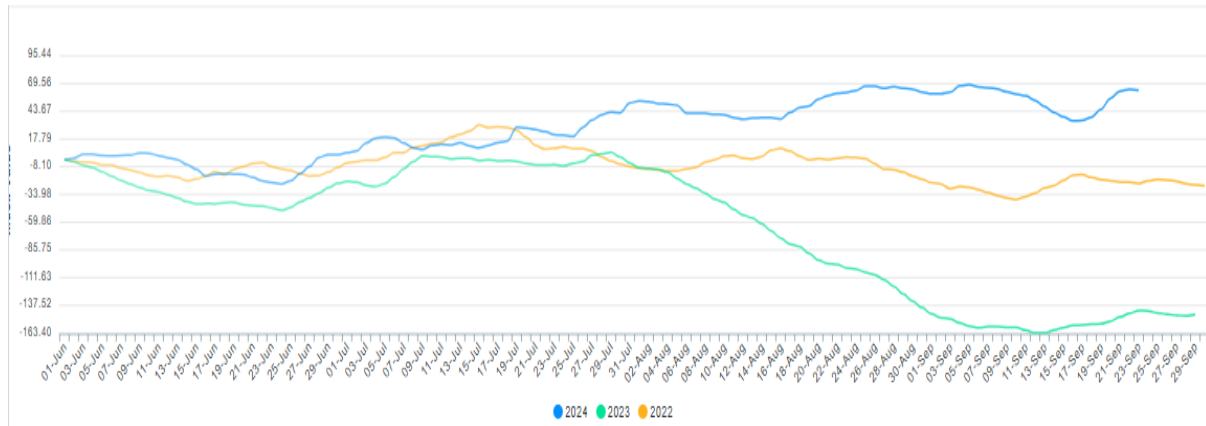
Rainfall (in mm) as on 23 June, 2025

Region	Actual	Normal	% Departure from Long Period Average
EAST & NORTHEAST INDIA	205.0	234.6	-13%
NORTHWEST INDIA	62.4	47.9	+30%
CENTRAL INDIA	121.7	110.2	+10%
SOUTH PENINSULA INDIA	112.0	120.8	-7%
COUNTRY AS A WHOLE	114.8	113.0	+2%

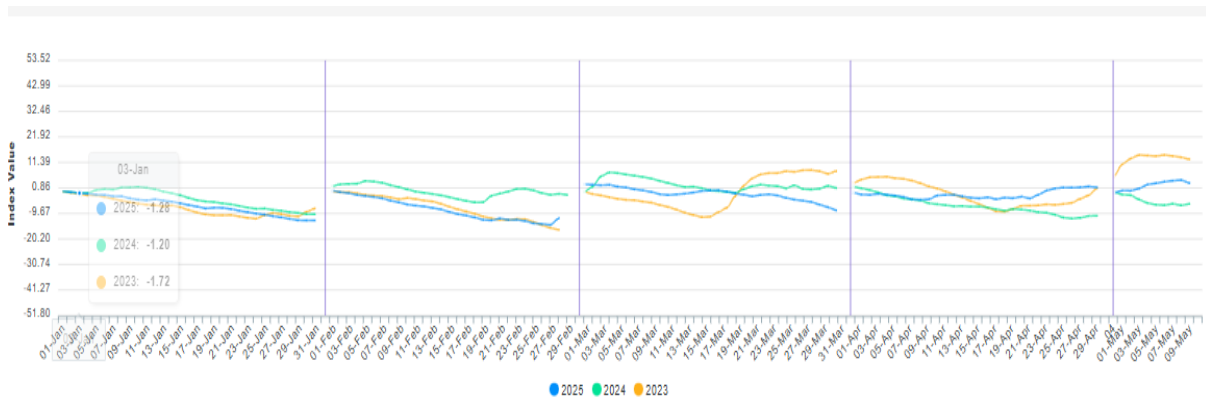
NCDEX Monsoon and Rainfall Indices

NCDEX publishes two national-level rainfall-based indices – the Indian Monsoon Index (Yearly Cumulative Monsoon Index) and Indian Rain Index (Monthly Cumulative Rainfall Index) – that tracks the systematic rainfall movement in the country. While currently, these indices are not tradable, they still serve as a tool for market participants to track weather movements.

Indian Monsoon Index



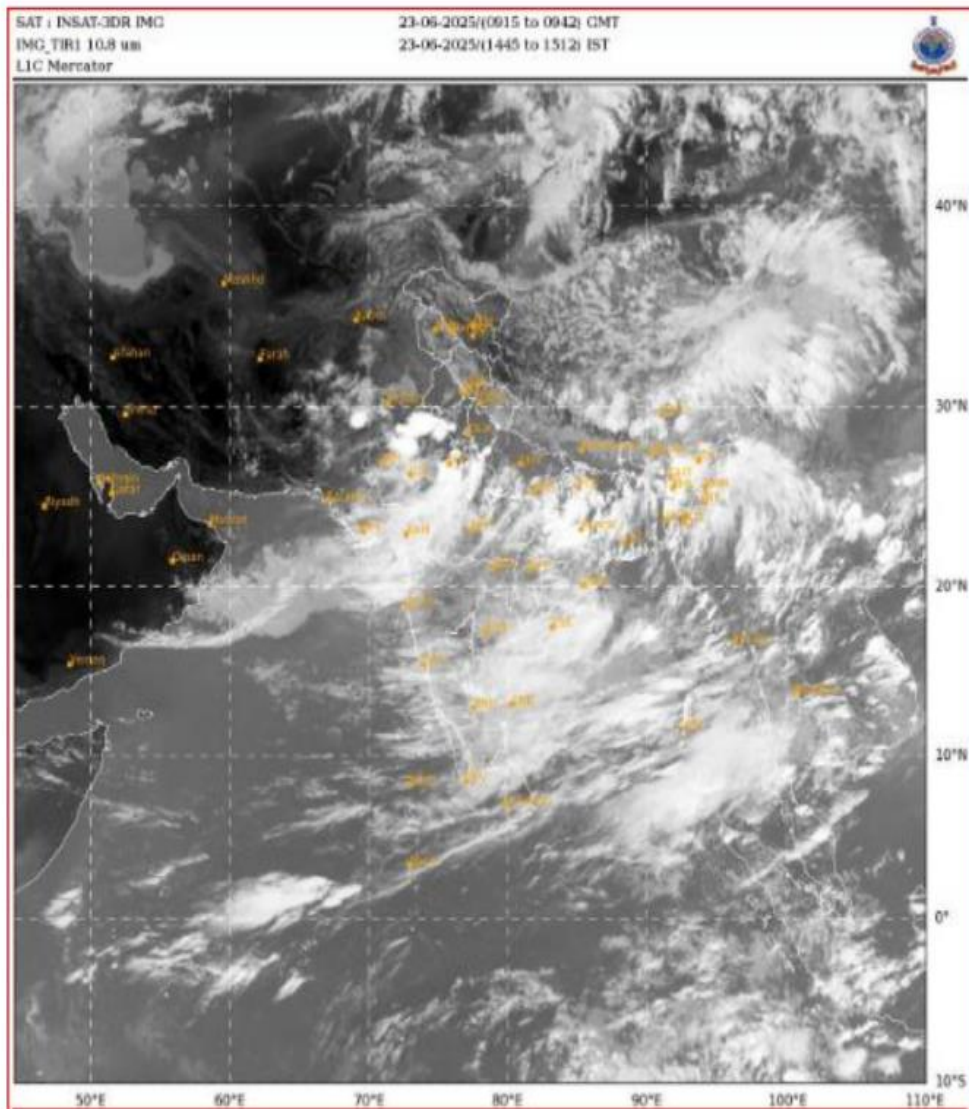
Indian Rain Index



Source: NCDEX, as on 10 May 2025

Progress and Forecast of the Monsoon 2025

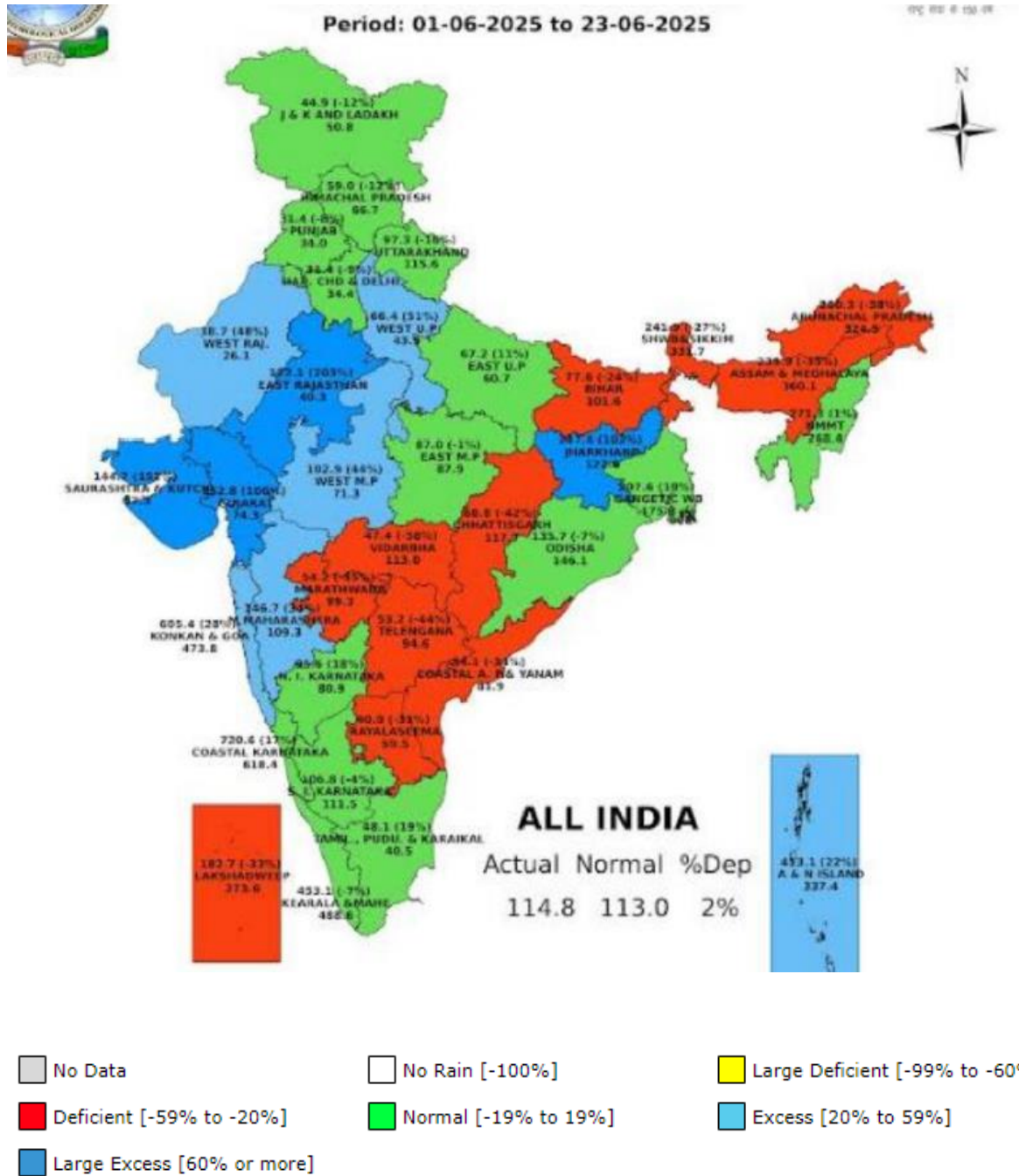
Satellite Image as on June 23 2025



Source: IMD, New Delhi

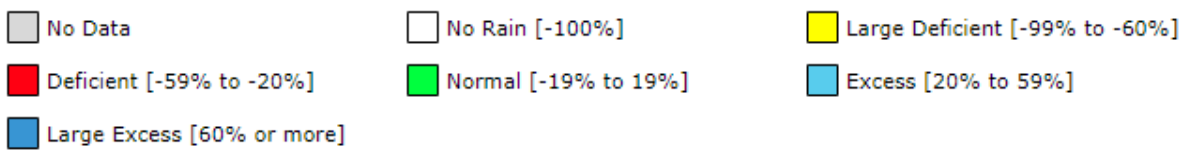
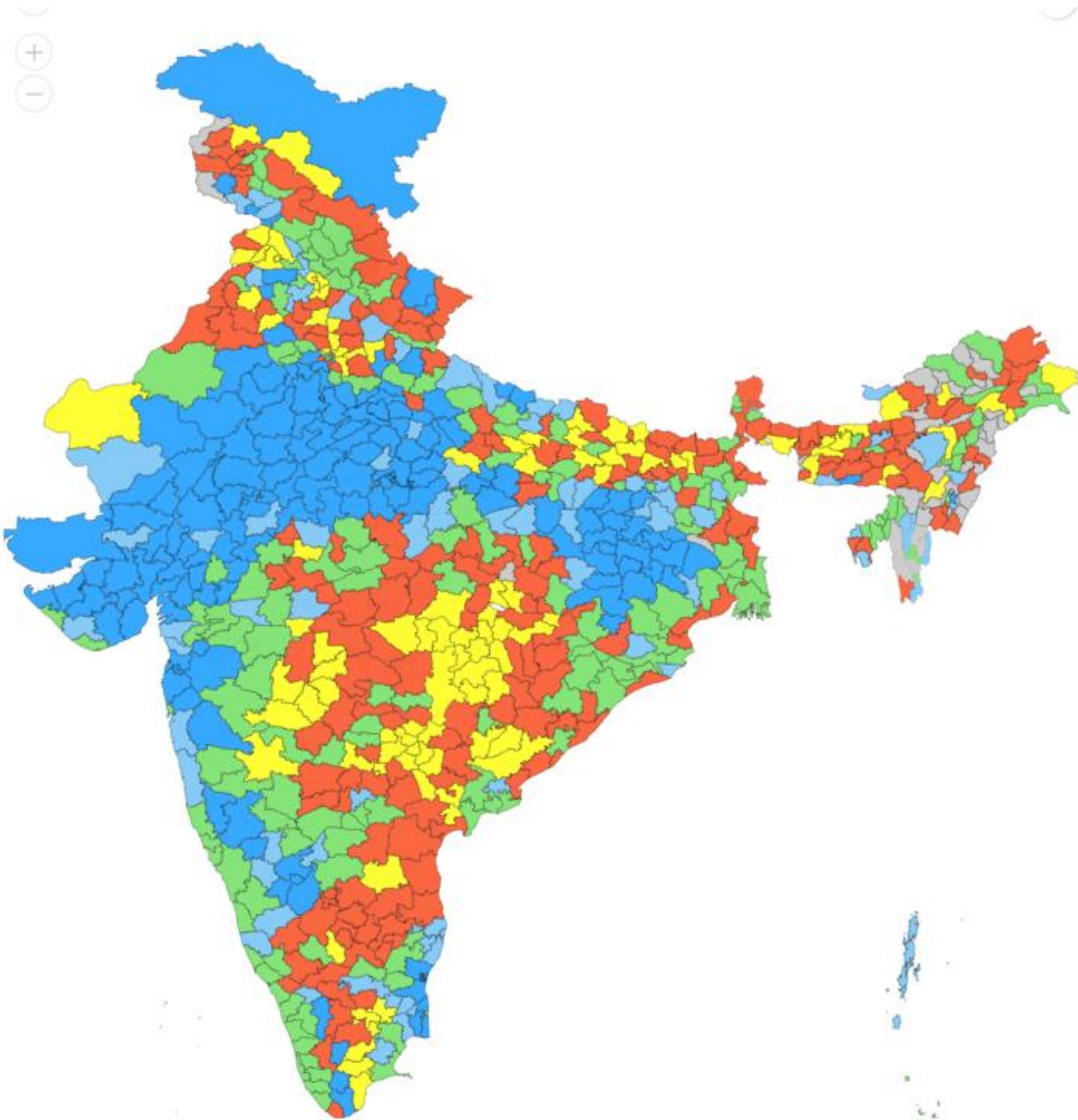
Monsoon Rainfall Status

State wise cumulative rainfall overview during 1 June – 23 June 2025



Source: IMD, New Delhi

District wise cumulative rainfall from 1-03-2025



Source: IMD, New Delhi

Sub-division wise seasonal cumulative rainfall statistics from 1st June to 23rd June

- Country as a whole received 114.8 mm, slightly above the normal of 113.0 mm (2% surplus).
- East & Northeast India: Overall deficit at (13% deficit), with Assam & Meghalaya (35% deficit), Arunachal Pradesh (38% deficit), Sub-Himalayan West Bengal (27% deficit), and Bihar (24% deficit) showing significant shortfalls. However, Jharkhand received 102% above normal, and Gangetic West Bengal was 18% above normal.
- Northwest India: Overall surplus of 30%, boosted by East Rajasthan (203% surplus) and West Uttar Pradesh (51% surplus). Other areas were near normal.
- Central India: Slight surplus of 10% overall, with strong performance in Gujarat Region (106% surplus) and Saurashtra & Kutch (152% surplus), despite deficits in Vidarbha (58% deficit), Chhattisgarh (42% deficit), and Marathwada (45% deficit).
- South Peninsula: Near normal (7% deficit), with deficits in Telangana (44% deficit) and Rayalaseema (31% deficit) offset by surplus rains in Andaman & Nicobar Islands (22% surplus) and Coastal Karnataka (17% surplus).

SUBDIVISION-WISE RAINFALL (MM) DISTRIBUTION					
S.No.	METEOROLOGICAL SUBDIVISIONS	PERIOD: 01-Jun-2025 TO 23-Jun-2025			
		ACTUAL	NORMAL	% DEPARTURE	CATEGORY
EAST & NORTH EAST INDIA		205.0	234.6	-13%	N
1	ARUNACHAL PRADESH	200.3	324.5	-38%	D
2	ASSAM & MEGHALAYA	235.9	360.1	-35%	D
3	NAGALAND, MANIPUR, MIZORAM & TRIPUA	271.3	268.4	1%	N
4	SUB-HIMALAYAN WEST BENGAL & SIKKIM	241.9	331.7	-27%	D
5	GANGETIC WEST BENGAL	207.6	175.3	18%	N
6	JHARKHAND	247.4	122.6	102%	LE
7	BIHAR	77.6	101.6	-24%	D
NORTH WEST INDIA		62.4	47.9	30%	E
1	EAST UTTAR PRADESH	67.2	60.7	11%	N
2	WEST UTTAR PRADESH	66.4	43.9	51%	E
3	UTTARAKHAND	97.3	115.6	-16%	N
4	HARYANA, CHANDIGARH & DELHI	31.4	34.4	-9%	N
5	PUNJAB	31.4	34.0	-8%	N
6	HIMACHAL PRADESH	59.0	66.7	-12%	N
7	JAMMU, KASHMIR & LADAKH	44.9	50.8	-12%	N
8	WEST RAJASTHAN	38.7	26.1	48%	E
9	EAST RAJASTHAN	122.1	40.3	203%	LE
CENTRAL INDIA		121.7	110.2	10%	N
1	ODISHA	135.7	146.1	-7%	N
2	WEST MADHYA PRADESH	102.9	71.3	44%	E
3	EAST MADHYA PRADESH	87.0	87.9	-1%	N
4	GUJARAT REGION	152.8	74.3	106%	LE
5	SAURASHTRA & KUTCH	144.7	57.3	152%	LE
6	KONKAN & GOA	605.4	473.8	28%	E
7	MADHYA MAHARASHTRA	146.7	109.3	34%	E
8	MARATHWADA	54.2	99.3	-45%	D
9	VIDARBHA	47.4	113.0	-58%	D
10	CHHATTISGARH	68.8	117.7	-42%	D
SOUTH PENINSULAR INDIA		112.0	120.8	-7%	N
1	ANDAMAN & NICOBAR ISLANDS	413.1	337.4	22%	E
2	COASTAL ANDHRA PRADESH & YANAM	54.1	81.9	-34%	D
3	TELANGANA	53.2	94.6	-44%	D
4	RAYALASEEMA	40.9	59.5	-31%	D
5	TAMIL NADU, PUDUCHERY & KARAİKAL	48.1	40.5	19%	N
6	COASTAL KARNATAKA	720.6	618.4	17%	N
7	NORTH INTERIOR KARNATAKA	95.6	80.9	18%	N
8	SOUTH INTERIOR KARNATAKA	106.8	111.5	-4%	N
9	KERALA & MAHE	453.1	488.6	-7%	N
10	LAKSHADWEEP	182.7	273.6	-33%	D
COUNTRY AS A WHOLE		114.8	113.0	2%	N

Source: IMD, New Delhi

Outlook for Rainfall June 2025 – 7 day rainfall forecast

During the period of 23 to 29 June 2025, most of the Northeast, West Coast, and Himalayan foothill regions are expected to experience widespread or fairly widespread rainfall, indicating active and consistent monsoon activity across these areas. The rest of the country will generally witness scattered to isolated rains, with pockets of concentrated activity.

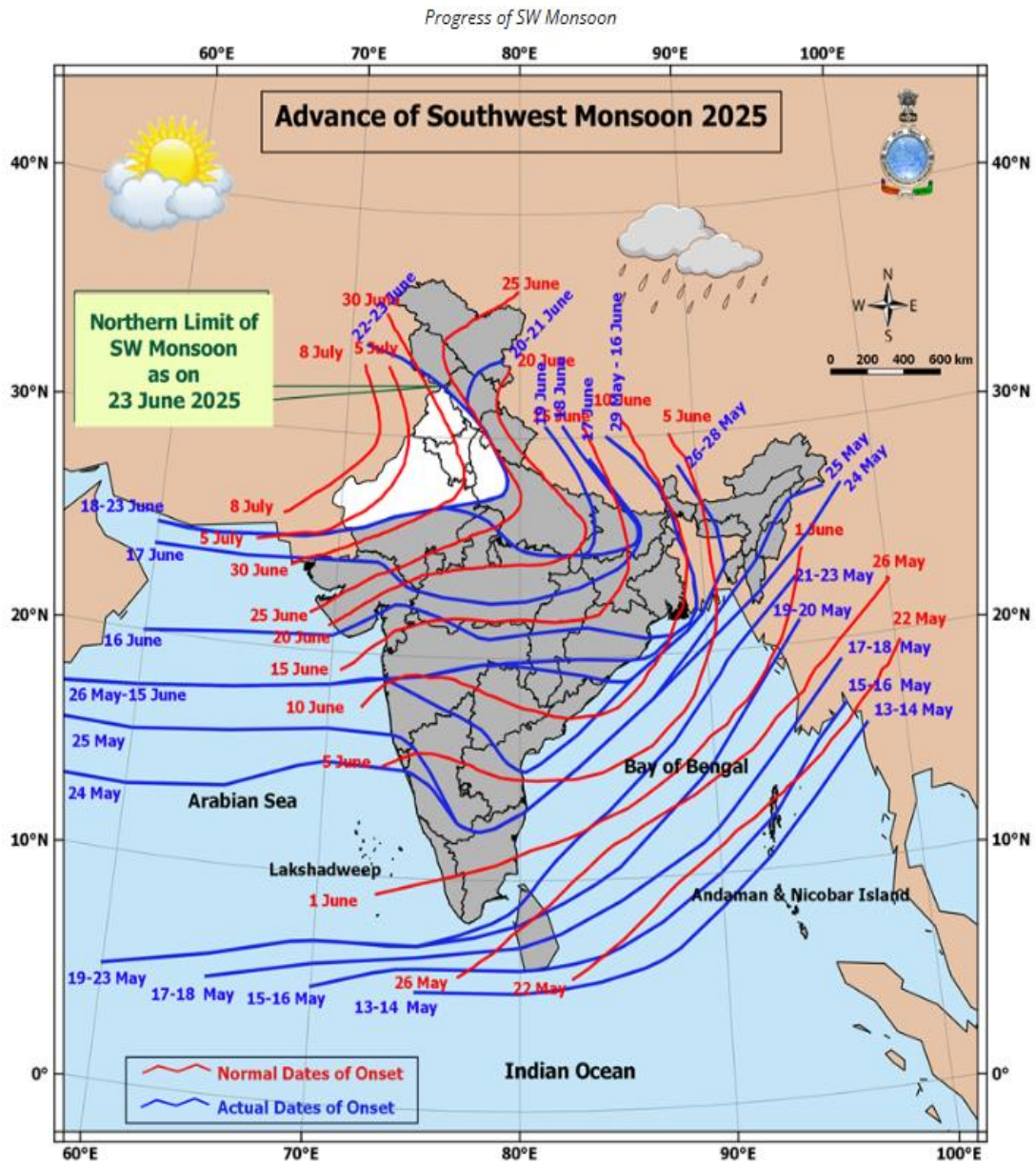
- Northeast & West Coast: Widespread or fairly widespread rains throughout the week.
- Himalayan Foothills: Consistently active with widespread or fairly widespread rains.
- Central & Northern India: Predominantly scattered rains, with some areas seeing higher activity.
- Marathwada, Rayalaseema & Tamil Nadu: Isolated rains for much of the period, indicating weaker activity.
- Other Areas: Mixed patterns of scattered to isolated rains, aligning with typical early monsoon behaviour.

S.No.	Subdivision	23-Jun	24-Jun	25-Jun	26-Jun	27-Jun	28-Jun	29-Jun
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	WS	WS	WS	FWS	FWS	FWS	FWS
2	ARUNACHAL PRADESH	WS	WS	FWS	SCT	FWS	FWS	WS
3	ASSAM & MEHGHALAYA	WS	FWS	FWS	FWS	FWS	FWS	FWS
4	N. M. M. & T.	WS	WS	FWS	FWS	FWS	FWS	FWS
5	S.H. WEST BENGAL & SIKKIM	WS	WS	FWS	FWS	WS	WS	WS
6	GANGETIC WEST BENGAL	WS	WS	WS	WS	WS	FWS	FWS
7	ODISHA	FWS	FWS	FWS	WS	WS	FWS	FWS
8	JHARKHAND	WS	WS	WS	WS	WS	FWS	FWS
9	BIHAR	FWS	FWS	FWS	SCT	SCT	SCT	FWS
10	EAST UTTAR PRADESH	FWS	FWS	FWS	FWS	FWS	WS	WS
11	WEST UTTAR PRADESH	SCT	FWS	FWS	WS	WS	WS	WS
12	UTTARAKHAND	WS	WS	WS	WS	WS	WS	WS
13	HARYANA, CHD & DELHI	SCT	FWS	WS	WS	FWS	FWS	FWS
14	PUNJAB	SCT	SCT	WS	WS	FWS	FWS	FWS
15	HIMACHAL PRADESH	FWS	FWS	WS	WS	WS	FWS	FWS
16	JAMMU AND KASHMIR AND LADAKH	SCT	SCT	WS	WS	WS	SCT	SCT
17	WEST RAJASTHAN	SCT	SCT	ISOL	SCT	FWS	FWS	SCT
18	EAST RAJASTHAN	FWS	FWS	SCT	SCT	FWS	FWS	FWS
19	WEST MADHYA PRADESH	WS	WS	WS	WS	WS	FWS	FWS
20	EAST MADHYA PRADESH	WS	WS	WS	WS	WS	WS	WS
21	GUJRAT REGION	WS	WS	WS	WS	WS	WS	WS
22	SAURASHTRA & KUTCH	WS	FWS	FWS	WS	WS	WS	WS
23	KONKAN & GOA	WS	WS	WS	WS	WS	WS	WS
24	MADHYA MAHARASHTRA	SCT	SCT	SCT	SCT	SCT	SCT	FWS
25	MARATHWADA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
26	VIDARBHA	FWS	WS	WS	FWS	FWS	SCT	FWS
27	CHATTISGARH	FWS	FWS	FWS	WS	WS	WS	WS
28	COASTAL ANDHRA PRADESH	FWS	SCT	ISOL	ISOL	FWS	FWS	SCT
29	TELANGANA	ISOL	ISOL	ISOL	ISOL	SCT	SCT	ISOL
30	RAYALASEEMA	FWS	ISOL	ISOL	ISOL	SCT	SCT	ISOL
31	TAMILNADU & PUDUCHERRY	ISOL	ISOL	ISOL	SCT	SCT	SCT	ISOL
32	COSTAL KARNATAKA	WS	WS	WS	WS	WS	WS	WS
33	NORTH INTERIOR KARNATAKA	SCT	SCT	SCT	SCT	FWS	SCT	SCT
34	SOUTH INTERIOR KARNATAKA	FWS	FWS	FWS	FWS	FWS	FWS	SCT
35	KERALA	WS	WS	WS	WS	WS	WS	FWS
36	LAKSHDWEAP	WS	WS	WS	WS	WS	WS	FWS

Source: IMD, New Delhi

Legend	Category	% Stations
WS	Widespread/Most Places	76-100
FWS	Fairly Widespread/Many Places	51-75
SCT	Scattered/ A Few Places	26-50
ISOL	Isolated Places	1-25
DRY	No Rain	0

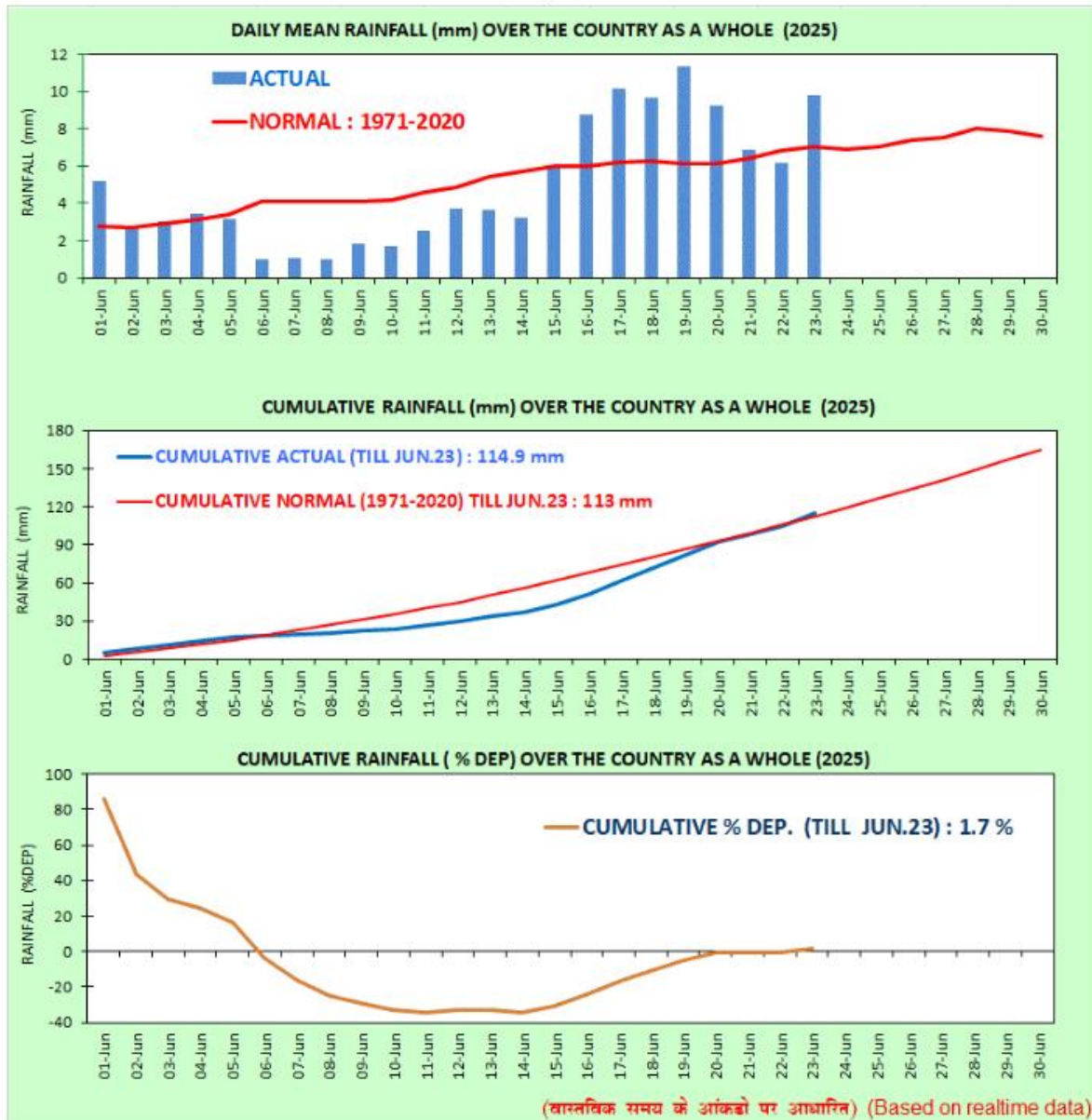
Advancement of Monsoon 2025



Source: IMD, New Delhi

All India Rainfall Time Series till 23 June 2025

All India Rainfall Time Series



All India Crop Sowing Progress

As of 20th June 2025, Kharif sowing has progressed well across all major crop groups compared to 2024. Total area sown increased from 124.88 lakh ha in 2024 to 137.84 lakh ha in 2025, an overall rise of roughly 13 lakh ha. Notably, Rice registered a significant increase of 4.86 lakh ha, and Pulses grew by 2.8 lakh ha, with Moong and Urad seeing the biggest gains. Coarse cereals also showed strong growth, especially Maize (up by 2.01 lakh ha) and Bajra (1.0 lakh ha). Meanwhile, Oilseeds remained nearly stable (decline of 0.11 lakh ha), and Sugarcane and Cotton both saw modest increases, with Cotton rising by 2.14 lakh ha compared to last year.

All India Kharif Crop Sowing Progress (Area: In lakh ha) as on 20 June 2025

S.No.	Crop	Normal Area (2019-20 to 2023-24)	Area Sown		Increase (+)/Decrease (-) over 2024
			2025	2024	
1	Rice	403.09	13.22	8.37	4.86
2	Pulses	129.61	9.44	6.63	2.8
a	Arhar	44.71	2.48	2.61	-0.13
b	Urd bean	32.64	1.39	0.62	0.77
c	Moong bean	35.69	4.43	2.67	1.77
d	Kulthi	1.72	0.08	0.07	0.01
e	Mothbean	9.7	0.11	0	0.11
f	Other pulses	5.15	0.94	0.67	0.27
3	Shri Anna cum Coarse cereals	180.71	18.03	14.77	3.25
a	Jowar	15.07	1.51	0.9	0.61
b	Bajra	70.69	3.7	2.71	1
c	Ragi	11.52	0.03	0.32	-0.29
d	Small millets	4.48	0.47	0.55	-0.08
e	Maize	78.95	12.32	10.31	2.01
4	Oilseeds	194.63	5.38	5.49	-0.11
a	Groundnut	45.1	1.78	1.91	-0.13
b	Soybean	127.19	3.07	3.12	-0.05
c	Sunflower	1.29	0.27	0.26	0.02
d	Sesamum	10.32	0.2	0.14	0.06
e	Niger	1.08	0	0	0
f	Castor	9.65	0.01	0.02	-0.01
g	Other Oilseeds	0	0.03	0.04	0
5	Sugarcane	52.51	55.07	54.88	0.2
6	Jute & Mesta	6.59	5.46	5.62	-0.17
7	Cotton	129.5	31.25	29.12	2.14
Total		1096.64	137.84	124.88	12.97

Source: The Department of Agriculture & Farmers' Welfare has released progress of area coverage under kharif crops as on 20th June 2024 <https://www.pib.gov.in/PressReleasePage.aspx?PRID=2138970>

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