



Voluntary Report - Voluntary - Public Distribution

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Report Number: IN2025-0005

Report Name: Normal Rains Observed During Northeast Monsoon

Country: India

Post: Mumbai

Report Category: Agricultural Situation

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Report Highlights:

India's northeast monsoon began on October 15, five days ahead of schedule, however, cumulative rainfall between October and December was three percent lower than the fifty-year average according to India's Meteorological Department (IMD). The monsoon officially withdrew from Tamil Nadu on January 27, four weeks later than the average withdrawal date of December 20. IMD has forecast normal to above normal rainfall between January to March over most parts of the country.

DISCLAIMER: The information contained in this report was retrieved from the Ministry of Earth Sciences/India's Meteorological Department (IMD) website https://mausam.imd.gov.in/. The U.S. Consulate General Mumbai – Foreign Agricultural Service (FAS) Office of Agricultural Affairs (OAA), USDA and/or the U.S. government make no claim of accuracy or authenticity. The Government of India has not officially endorsed this report. [Note: Use Google Chrome to access the links if they do not open in Internet Explorer]

Uneven Rains Mark Northeast Monsoon

The southwest monsoon, a small-scale monsoon that contributes approximately 11 percent of national annual rainfall, and 48 percent of subdivisional rainfall to parts of south India retreated from the entire country on October 15. Simultaneously, the northeast monsoon, which brings rain to coastal Andhra Pradesh, Rayalaseema, Tamil Nadu, south interior Karnataka and Kerala set in over the southeast peninsular on the same day, five days ahead of schedule.

Rainfall in November was observed 55 percent deficient, with December levels 74 percent above the long period average (LPA). Cumulative rainfall between October and December reached 117.4 millimeters (mm) against the LPA of 121 mm. On December 31, 2024, IMD <u>forecasted</u> normal rainfall (88-112 percent of LPA) during the winter season for most of the country.

RAINFALL STATISTICS - NORTH-EAST MONSOON 2024							
OCTOBER 2024	1- Oct		31-Oct	NOVEMBER 2024	1- Nov		30-Nov
REGION	ACTUAL	NORMAL	% DEP	REGION	ACTUAL	NORMAL	% DEP
COUNTRY AS A WHOLE	75.7	75.4	0.4	COUNTRY AS A WHOLE	13.5	29.7	-54.5
NORTHWEST INDIA	5.2	21.6	-75.8	NORTHWEST INDIA	2.4	12.1	-79.9
EAST & NORTHEAST INDIA	140.8	123.2	14.3	EAST & NORTHEAST INDIA	7.5	22.6	-67.0
CENTRAL INDIA	54.0	57.0	-5.3	CENTRAL INDIA	1.8	14.0	-87.4
SOUTH PENINSULA	170.3	152.3	11.8	SOUTH PENINSULA	55.8	89.8	-37.9
CORE REGION OF SOUTH PENINSULA*	203.8	172.4	18.2	CORE REGION OF SOUTH PENINSULA*	75.8	118.7	-36.1
DECEMBER 2024	1- Dec	то	31-Dec	NT			<u> </u>
REGION	ACTUAL	NORMAL	% DEP				
COUNTRY AS A WHOLE	27.6	15.9	73.8	32- 200			
NORTHWEST INDIA	15.8	18.9	-16.6		E	AST &	-0
EAST & NORTHEAST INDIA	3.2	13.1	-75.9	21- NORTHWEST		THEAST	37
CENTRAL INDIA	12.8	5.1	151.0	SNDIA 5	man 1	NOIA	5
SOUTH PENINSULA	91.5	32.0	185.8	and as from	En	マン	
CORE REGION OF SOUTH PENINSULA*	126.0	43.0	192.8	CENTRALS	25	Low.	
					1 3	6	h
CUMULATIVE SEASONAL RAINFALL	1- Oct	and the second second second	31-Dec	l l 2 3 2 5	and the second		8
REGION		NORMAL	% DEP	II- SOUTH	/		tar
COUNTRY AS A WHOLE	117.4	121.0	-3.0	BENINSULAR			
NORTHWEST INDIA	23.4	52.6	-55.4	L L L L L L L L L L L L L L L L L L L			8
EAST & NORTHEAST INDIA	154.3	158.9	-2.9				0
CENTRAL INDIA	68.5	76.1	-9.9	1 13 Ca			
SOUTH PENINSULA	317.9	274.1	16.0		7	SP.	°.
CORE REGION OF SOUTH PENINSULA*	406.2	334.1	21.6	72" 76" 80"	849		92°E
	FOUR HOMOGENEOUS	REGION	IS OF INL	AIC			
compri				*CORE REGION OF SOUTH PENINSULA*			
				sing of 5 subdivisions of south peninsula			
	eceiving North-East Monsoon viz:						
1) Coastal Andhra Pradesh and Yanam			
) Coastal Aliulita Fradesit aliu Talialit ?) Rayalaseema			
CITED STORE							
				 amil Nadu & Puducherry and Karaikal South Interior Karnataka 			
			4) South Interior Karnataka5) Kerala & Mahe				
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Figure 1. Rainfall Statistics for Northeast Monsoon 2024

Source: Indian Meteorological Department Pune

Reservoir Levels Below Ten-Year Average

India's Central Water Commission monitors the storage status of 155 reservoirs around the country on a weekly basis, with the latest <u>reservoir storage bulletin of January 23</u> showing current levels at 119.5 billion cubic meters (BCM), 66 percent of total live storage capacity.

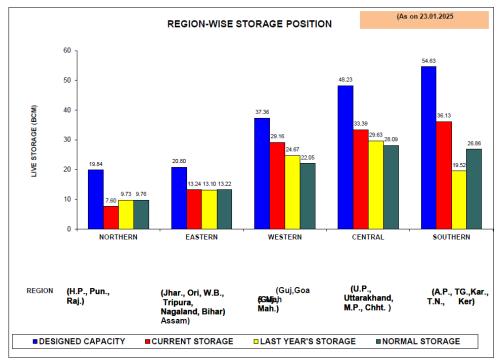


Figure 2. Regional Reservoir Storage (billion cubic meters - BCM) – January 23

Source: Ministry of Jal Shakti/Central Water Commission

Attachments:

No Attachments.