



## Hydroclimate Summary Bulletin

November 2025

The Monthly Hydroclimate Summary Bulletin provides an overview of the prevailing hydroclimatic conditions across the region, focusing on Standardized Precipitation Index (SPI), Standardized Precipitation Evapotranspiration Index (SPEI), rainfall and temperature.

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# 1 SPI Conditions

## 1.1 SPI Condition of November 2025 and Season (October to November 2025)

## 1.2 Districts under wet and dry conditions based on SPI

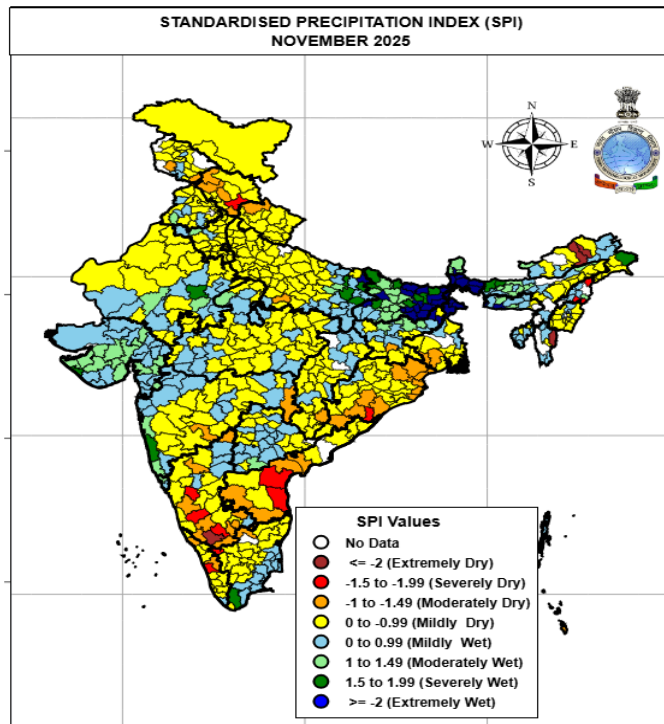


Figure 1: SPI in November 2025

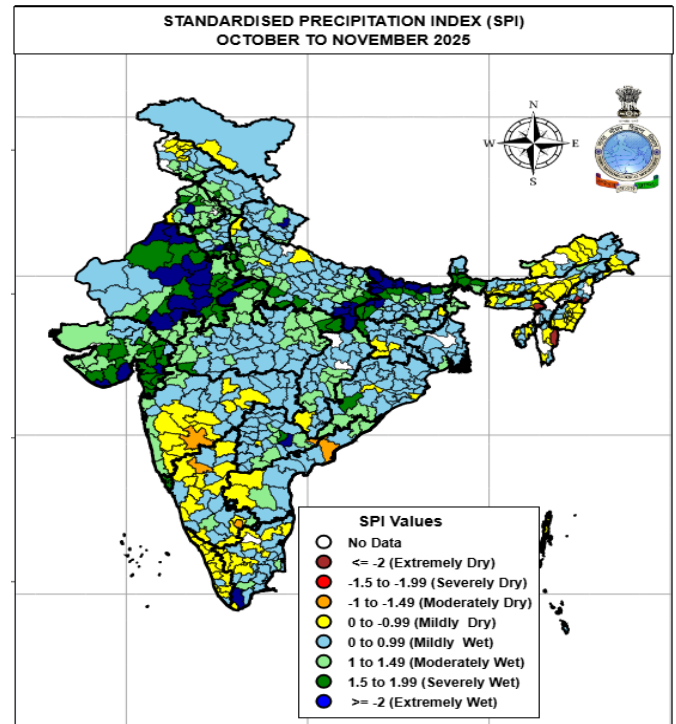


Figure 2: SPI in Season (October to November 2025)

DISTRICTS IN EACH CATEGORY (NOVEMBER 2025)	
CONDITIONS	STATES (DISTRICTS)
WET (SPI > 1) (DIST.: 85)	Arunachal Pradesh (Tawang, Anjaw), Assam (Kokrajhar, Dhemaji, Darrang, Chirang, Baksa), Bihar (Vaishali, Supaul, Siwan, Sitamarhi, Sheohar, Sheikhpura, Saran, Saharsa, Purnia, Purba Cham-paran, Paschim Champaran, Nawada, Nalanda, Muzaffarpur, Munger, Madubani, Madhepura, Lakhisarai, Kishanganj, Khagaria, Katihar, Jamui, Jahanabad, Gopalganj, Drabhang, Buxar, Bhojpur, Bhagalpur, Begusarai, Banka, Arwal, Arariya), Gujarat(Surendranagar, Sabar Kantha, Rajkot, Porbandar, Narmada, Jamnagar, Devbhoomi Dwarka, Chhota Udepur, Botad, Bhavnagar, Bharuch, Ahmadabad), Jharkhand(Pakur, Kodarma, Gooda, Chatra), Maharashtra(Sindhudurg, Ratnagiri, Raigarh, Mumbai City), Meghalaya(South West Khasi Hills, South West Garo Hills, South Garo Hills, East Garo Hills), Rajasthan(Tonk, Pali), Sikkim(West, South, North, East), Tamil Nadu(Tirunelveli),Telangana(Nagarkurnool), Uttar Pradesh(Santkabirnagar, Kushinagar, Gazipur, Deoria, Azamgarh, Ambedkar Nagar), West Bengal(Uttar Dinajpur, Malda, Kochbihar, Kalimpong, Jalpaiguri, Darjeeling, Dakshin Dinajpur, Alipurduar)
DRY (SPI < -1) (DIST.: 47)	Andaman And Nicobar (South Andaman, Nicobar), Andhra Pradesh (Prakasam, Nellore, Krishna, Guntur), Arunachal Pradesh (West Siang, Siang), Chhattisgarh (Bastar), Himachal Pradesh (Shimla, Mandi, Kangra, Chamba), Jammu And Kashmir (Kathua), Karnataka (Shimoga, Ramnagar, Mysore, Mandhya, Kodagu, Haveri, Chikmagalur, Chikballapur, Chamarajanagar, Bidar, Bangalore Urban), Kerala (Thrissur, Palakkad, Kannur), Maharashtra (Osmanabad), Mizoram (Champhai), Nagaland (Phek, Mon), Odisha (Rayagarha, Mayurbhanj, Koraput, Kendujhar, Kendraparha, Gajapathi, Bhadrak, Baleshwar), Tamil Nadu (Nilgiri, Krishnagiri, Chennai), Uttarakhand (Uttarkashi), West Bengal (Pashchim Medinipur, Kolkata, Jhargram)

\*All other districts are normal (SPI between -1 and 1)

1.3 District-wise Highest and Lowest Statistics of SPI

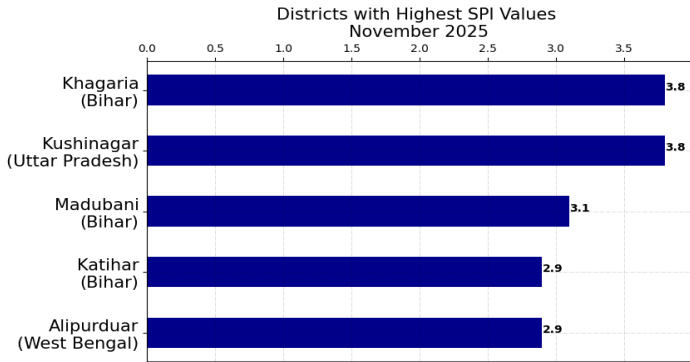


Figure 3: Districts with Highest SPI in November 2025

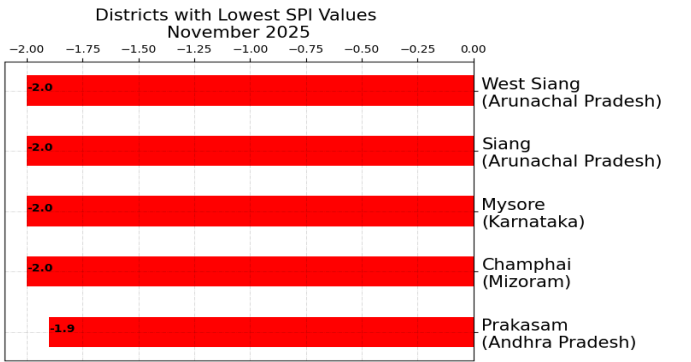


Figure 4: Districts with Lowest SPI in November 2025

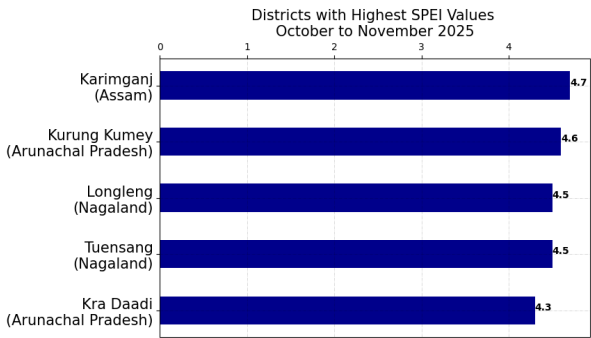


Figure 5: Districts with Highest SPI in Season (October to November 2025)

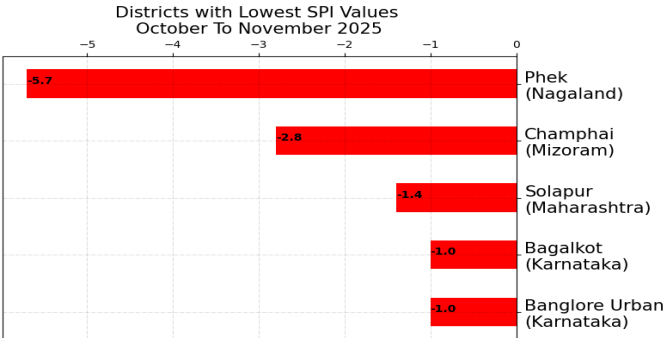


Figure 6: Districts with Lowest SPI in Season (October to November 2025)

2 SPEI Conditions

2.1 SPEI Condition of November 2025 and Season (October to November 2025)

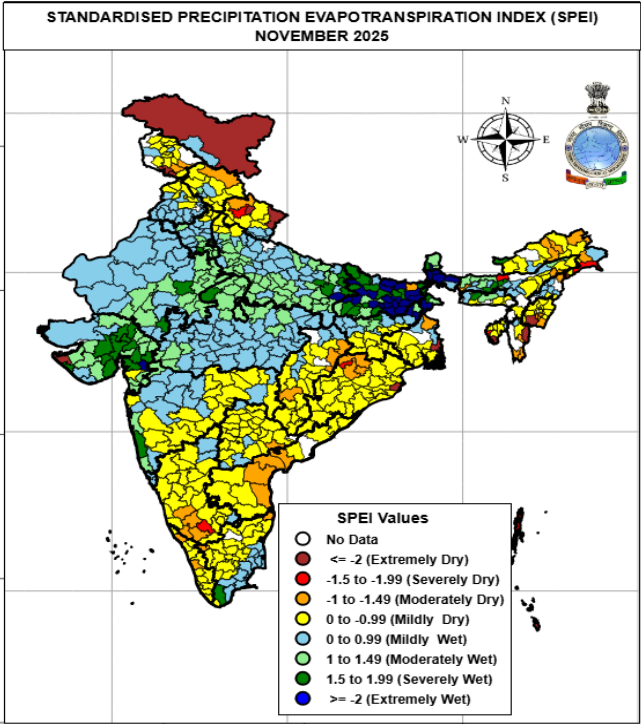


Figure 7: SPEI in November 2025

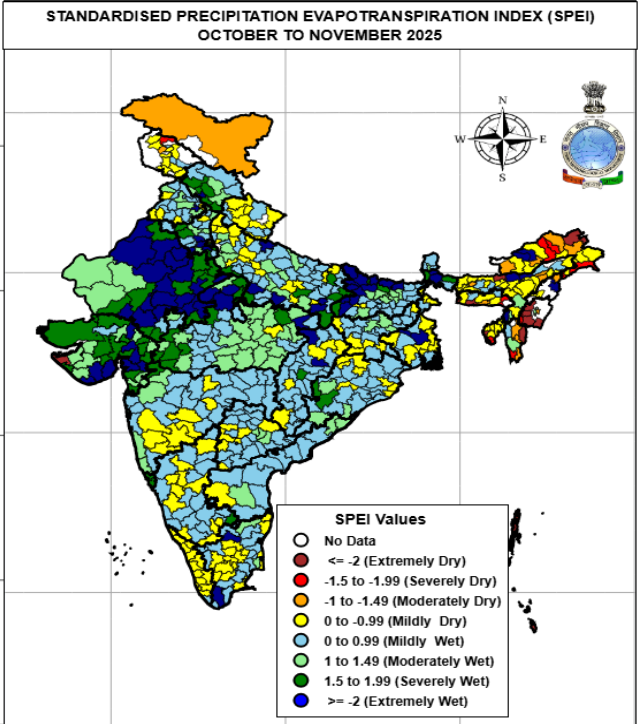


Figure 8: SPEI in Season (October to November 2025)

2.2 District-wise Highest and Lowest Statistics of SPEI

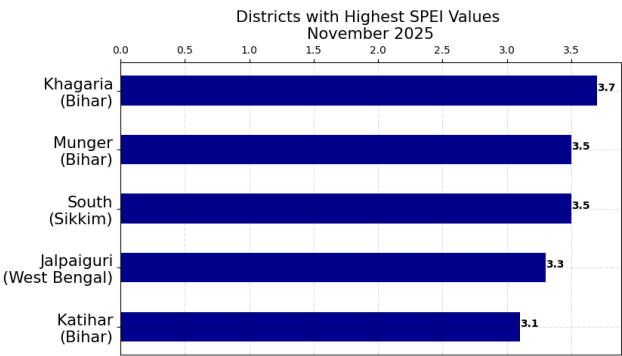


Figure 9: Districts with Highest SPEI in November 2025

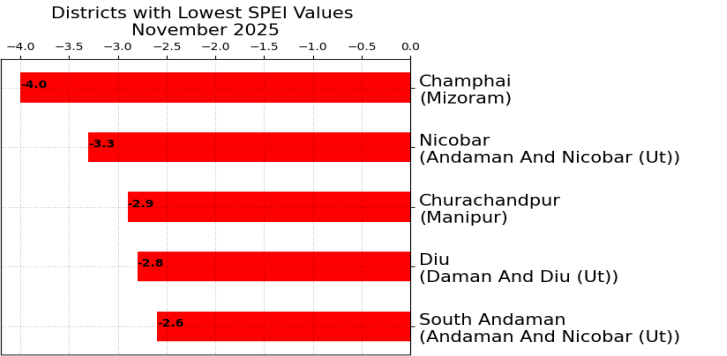


Figure 10: Districts with Lowest SPEI in November 2025

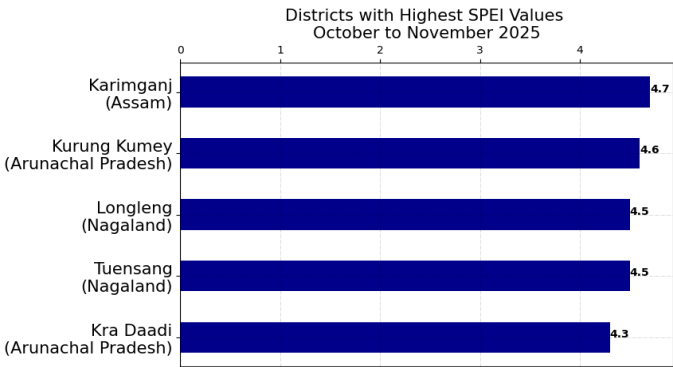


Figure 11: Districts with Highest SPEI in Season (October to November 2025)

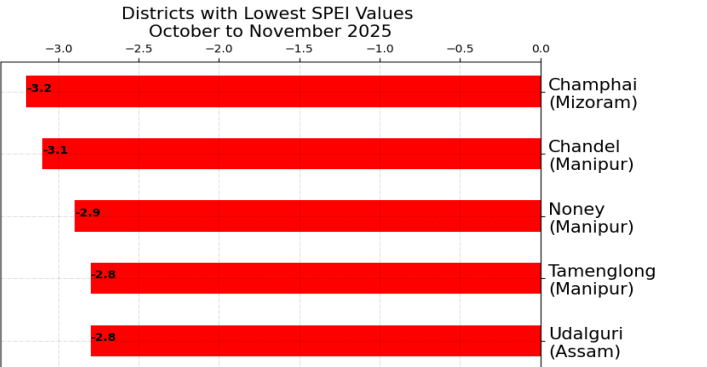


Figure 12: Districts with Lowest SPEI in Season (October to November 2025)

3 Rainfall Conditions

3.1 Actual Rainfall and Anomaly in November 2025 and Season (October to November 2025)

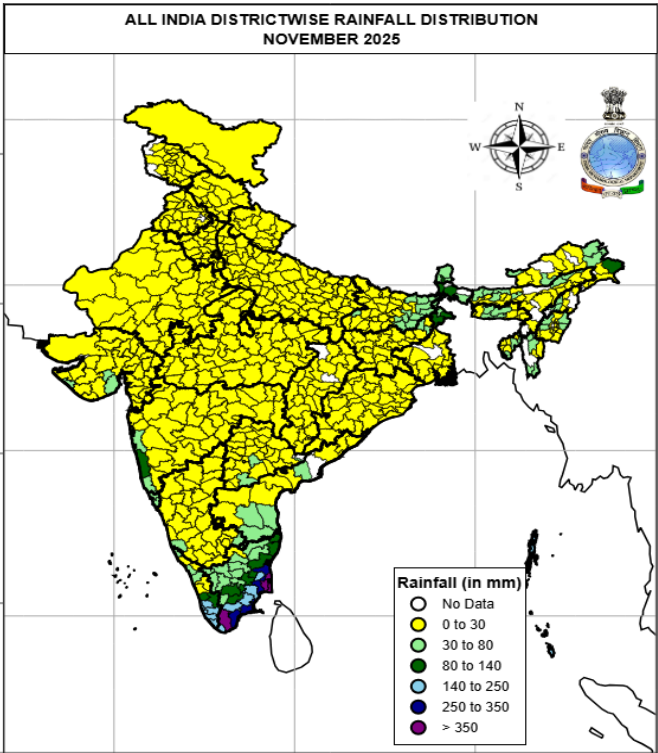


Figure 13: Actual Rainfall in November 2025

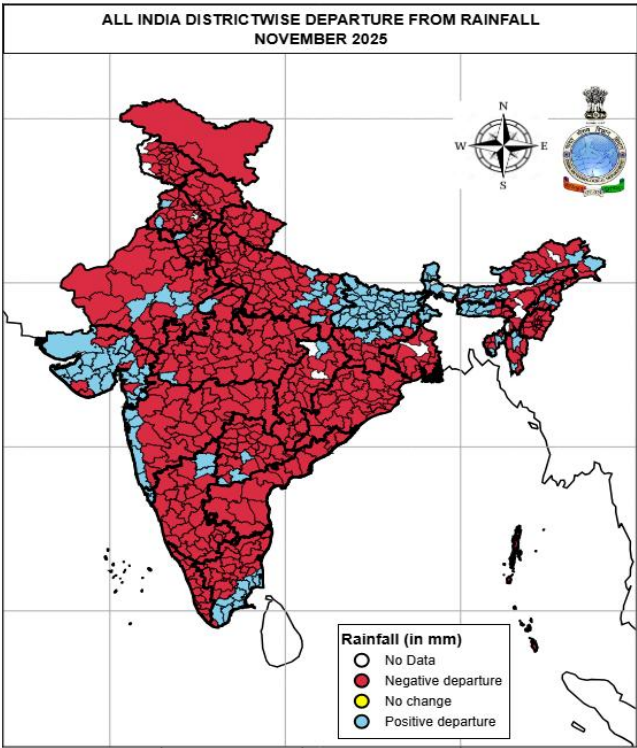
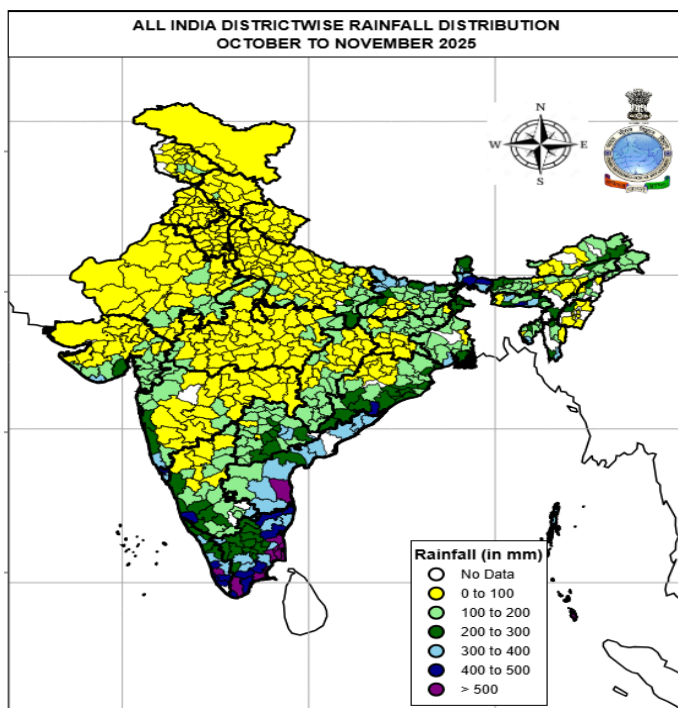
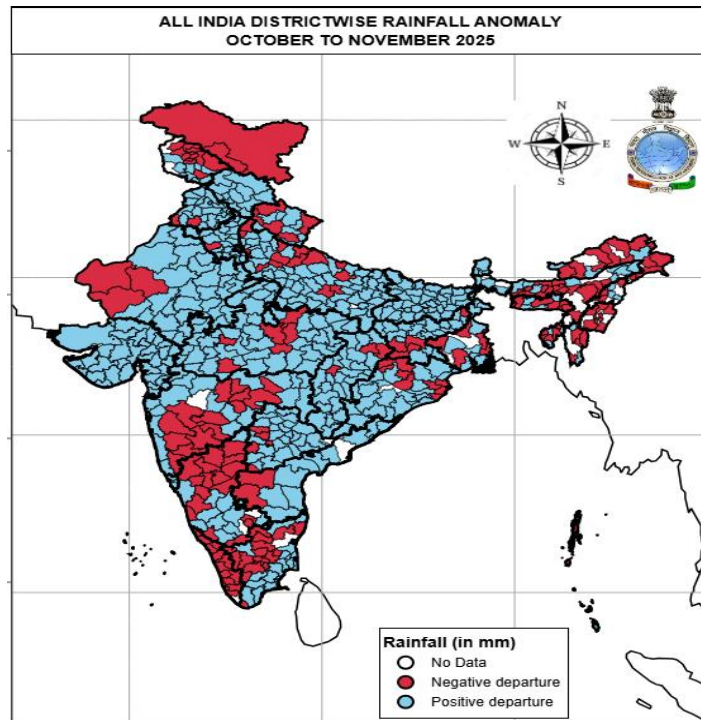


Figure 14: Rainfall Anomaly in November 2025



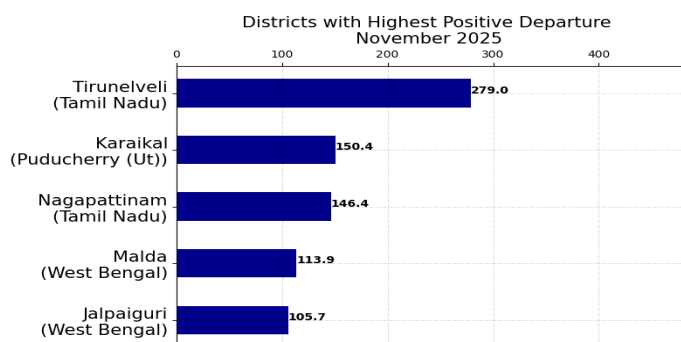


**Figure 15: Actual Rainfall in Season (October to November 2025)**

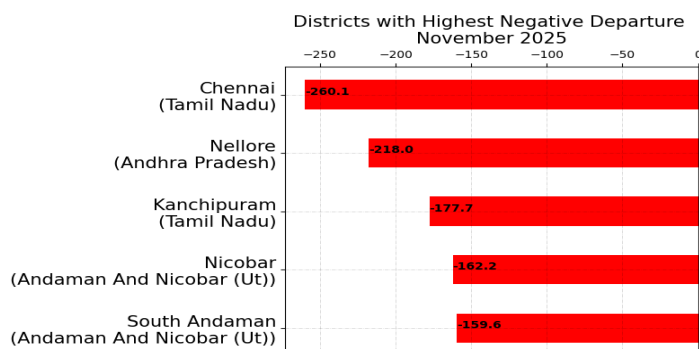


**Figure 16: Rainfall Anomaly in Season (October to November 2025)**

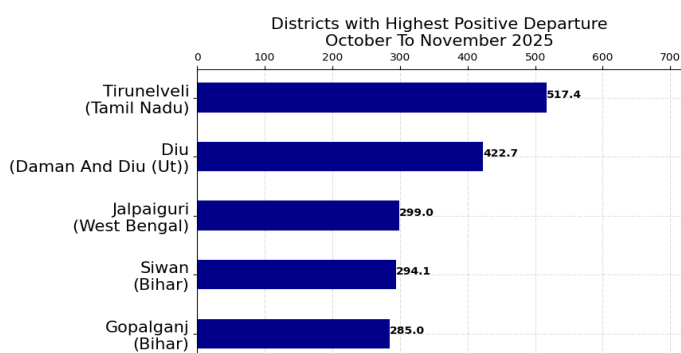
### 3.2 District-wise Highest and Lowest Statistics of Rainfall



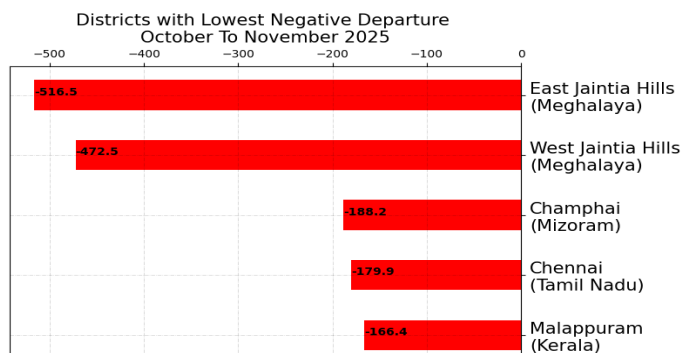
**Figure 17: Districts with Highest Positive Departure in November 2025**



**Figure 18: Districts with Lowest Negative Departure in November 2025**



**Figure 19: Districts with Highest Positive Departure in Season (October to November 2025)**



**Figure 20: Districts with Lowest Negative Departure in Season (October to November 2025)**

## 4 Temperature Conditions

### 4.1 Tmax Actual and Anomaly in November 2025

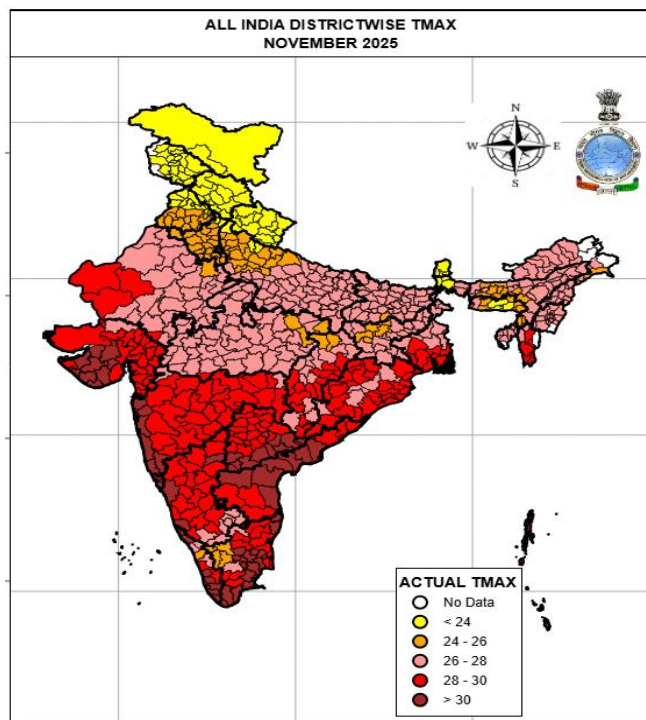


Figure 21: Actual Tmax in November 2025

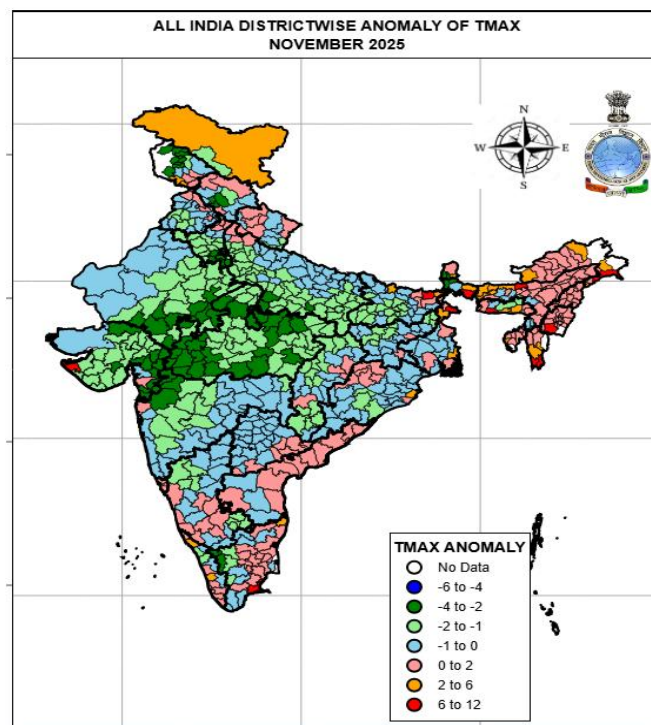


Figure 22: Tmax Anomaly in November 2025

### 4.2 Tmin Actual and Anomaly in November 2025

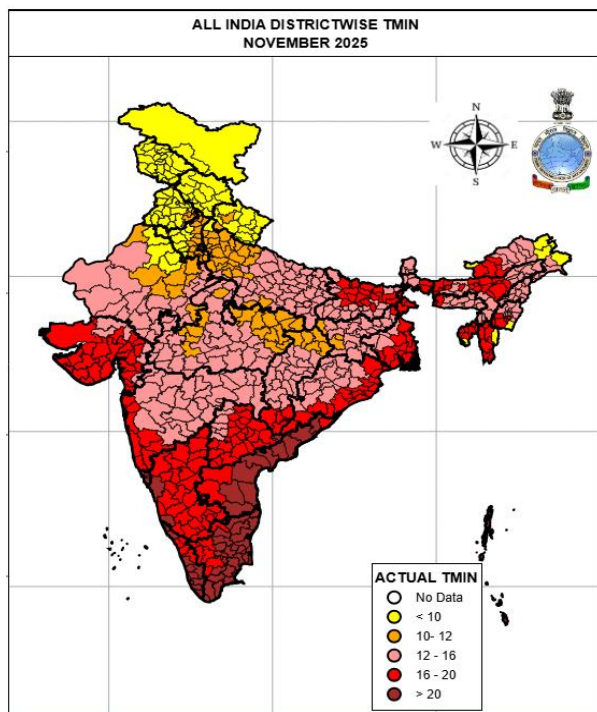


Figure 23: Actual Tmin in November 2025

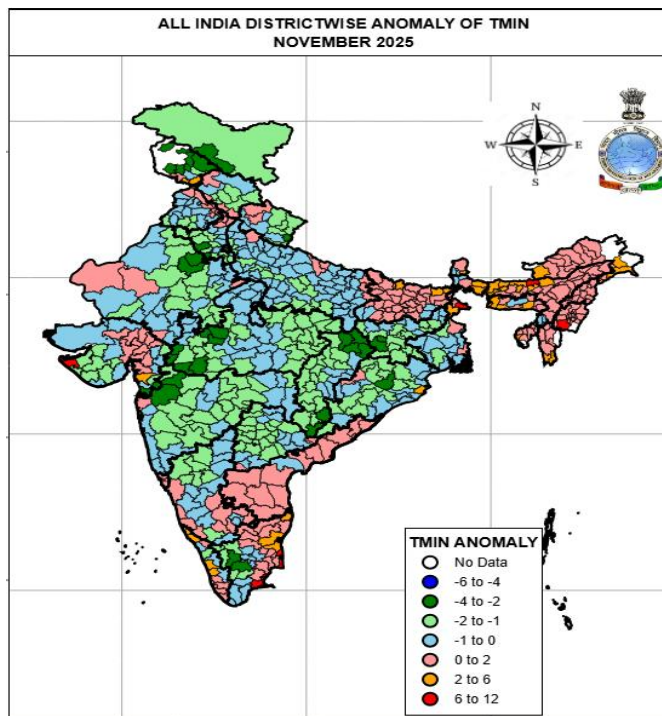


Figure 24: Tmin Anomaly in November 2025

4.3 Normal Tmax and Tmin in November

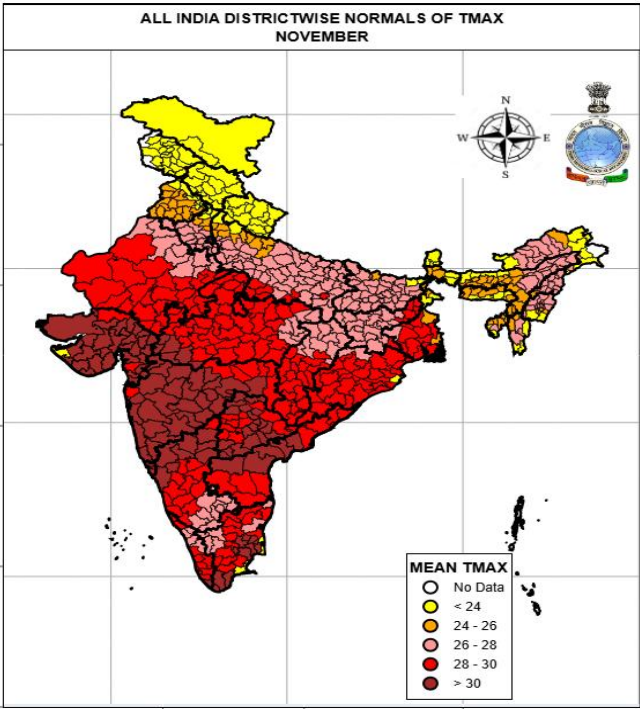


Figure 25: Normal Tmax in November 2025

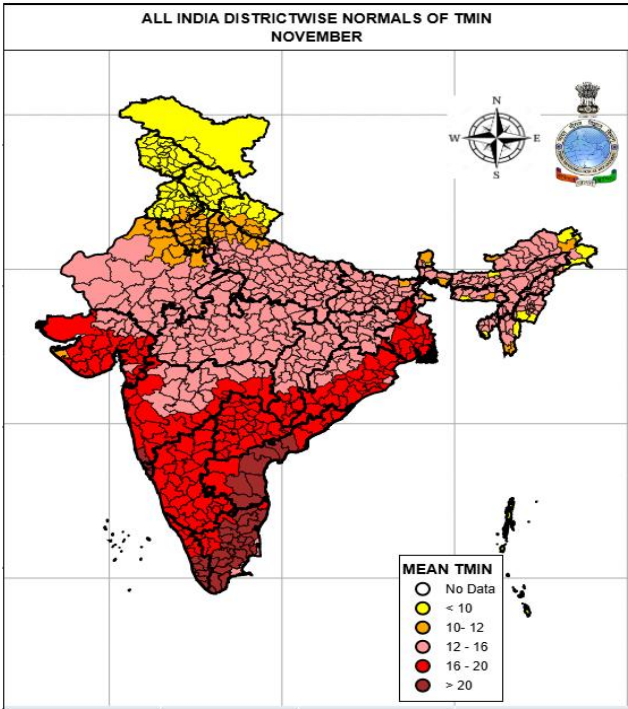


Figure 26: Normal Tmin in November 2025

4.4 Diurnal Range (Tmax - Tmin) in November 2025

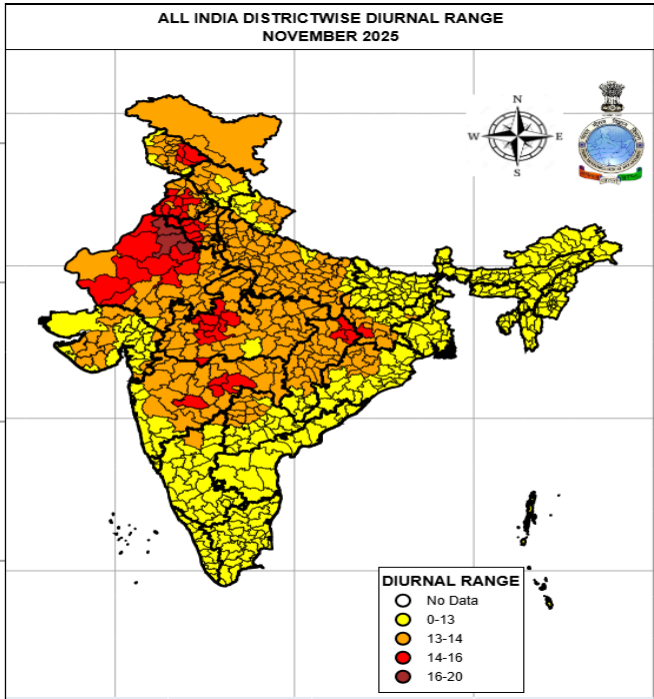


Figure 27: Diurnal Range in November 2025



#### 4.5 District-wise Highest and Lowest Statistics of Temperature in November 2025

TOP 5 DISTRICTS IN EACH CATEGORY WITH TEMP. IN °C (NOVEMBER 2025)					
VARIABLES	1	2	3	4	5
<b>TMAX</b>	South Goa (32.4) (Goa)	North Goa (32.2) (Goa)	Mumbai City (32.0) (Maharashtra)	Lakshadweep (31.9) (Lakshadweep)	Uttar Kannada (31.8) (Karnataka)
<b>TMAX ANOMALY</b>	Nagapattinam (13.2) (Tamil Nadu)	Chennai (12.4) (Tamil Nadu)	Churachandpur (11.9) (Manipur)	Puducherry (11.5) (Puducherry)	Devbhoomi Dwarka (10.2) (Gujarat)
<b>TMIN</b>	Nicobar (24.5) (A & N Islands)	Lakshadweep (24.2) (Lakshadweep)	Nagapattinam (24.2) (Tamil Nadu)	Karaikal (24.2) (Puducherry)	South Andaman (24.1) (A & N Islands)
<b>TMIN ANOMALY</b>	Nagapattinam (11.1) (Tamil Nadu)	Puducherry (10.1) (Puducherry)	Chennai (10.1) (Tamil Nadu)	Ramanathapuram (7.8) (Tamil Nadu)	Udalgiri (7.3) (Assam)
<b>DIURNAL RANGE</b>	Churu (17.2) (Rajasthan)	Hanumangarh (17.2) (Rajasthan)	Jhunjhunu (17.1) (Rajasthan)	Sikar (16.5) (Rajasthan)	Sirsa (16.5) (Haryana)

BOTTOM 5 DISTRICTS IN EACH CATEGORY WITH TEMP. IN °C (NOVEMBER 2025)					
VARIABLES	1	2	3	4	5
<b>TMAX</b>	Srinagar (3.5) (J & K)	Pulwama (13.5) (J & K)	Bandipore (13.4) (J & K)	Kupwara (13.4) (J & K)	Baramulla (13.4) (J & K)
<b>TMAX ANOMALY</b>	Poonch (-4.3) (J & K)	Baramulla (-4.1) (J & K)	Badgam (-3.9) (J & K)	Nandurbar (-3.6) (Maharashtra)	Alirajpur (-3.3) (MP)
<b>TMIN</b>	Srinagar (-0.4) (J & K)	Pulwama (-0.4) (J & K)	Baramulla (-0.4) (J & K)	Bandipore (-0.4) (J & K)	Kupwara (-0.4) (J & K)
<b>TMIN ANOMALY</b>	Poonch (-5.3) (J & K)	Baramulla (-5.1) (J & K)	Badgam (-4.9) (J & K)	Kulgam (-4.7) (J & K)	Shopian (-4.6) (J & K)
<b>DIURNAL RANGE</b>	Nagapattinam (5.8) (Tamil Nadu)	Karaikal (5.7) (Puducherry)	South Andaman (5.7) (A & N Islands)	Cuddalore (5.7) (Tamil Nadu)	North & Middle Andaman (5.5) (A & N Islands)

**NOTE: Temperatures above are district-wise monthly mean temperatures for November 2025.**