REGD. NO. PNC-W-475 GOVERNMENT OF INDIA PUBLICATION, BOOK PACKET CONTAINING PERIODICALS ISSN 0971-7595

भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय

INDIA METEOROLOGICAL DEPARTMENT
Ministry of Earth Sciences

WEEKLY WEATHER REPORT
साप्ताहिक मौसम विवरण

For the week ending on **12th November 2025** (21 Kartika 1947 Saka)

CHIEF FEATURES: 1) Season's first spell of cold to severe cold wave conditions observed over parts of northwest and adjoining central & northern India during the week. By the middle of the week, cold wave conditions intensified into severe cold wave affecting parts of central India, while cold wave spread more widely across adjoining northern India. Toward the end of the week, severe cold wave conditions persisted in central India and adjoining regions, accompanied by continued cold wave activity elsewhere, along with some cold day conditions in parts of central India.

2) Dense fog was observed at isolated places over Assam & Meghalaya, Himachal Pradesh at the beginning of week and over Odisha towards the end of week.

3) Heavy / very heavy rainfall at isolated places was observed over extreme south peninsular India during the week.

4) Weekly average maximum temperatures were above normal by 1 to 3ºC over parts of northeastern India; were below normal by 1 to 3ºC over parts of west and adjoining central India and were near normal over remaining parts of the country during the week.

5) Weekly average minimum temperatures were above normal by 2 to 4ºC over parts of northeastern India and were below normal by 2 to 4ºC over most parts of the country except extreme south peninsular India where it was near normal during the week

ACTIVITY OF NORTHEAST MONSOON (NEM) DURING THE WEEK:

No activity of Northeast Monsoon was observed during the week.

SEMI-PERMANENT FEATURES:

Inter Tropical Convergence Zone (ITCZ): it was located between Lat.10°N and Lat.13°N over the Indian region during the week.

Sub-Tropical Ridge (STR): It oscillated between Lat.11°N and Lat.16°N at 200 hPa during the week.

Sub-Tropical Westerly Jet (STWJ): The highest wind speed of 112 knots was recorded over Dehradun on 12th November 2025 at 317 hPa during the week.

MINIMUM TEMPERATURE:

The lowest minimum temperature of 6.5°C was recorded at Adampur IAF (Punjab) on 11th November, 2025 over the plains of the country during the week.

SIGNIFICANT WEATHER:

Severe Cold Wave conditions prevailed at isolated places over east Rajasthan on 8th; over west Madhya Pradesh on 9th; over east Rajasthan, west Madhya Pradesh on 10th; over Madhya Pradesh on 11th; over Madhya Pradesh and Chhattisgarh on 12th November.

Cold Wave conditions prevailed at isolated places over east Rajasthan on 9th; over Uttar Pradesh, Haryana, east Madhya Pradesh, Chhattisgarh on 10th; over Haryana, Chhattisgarh on 11th and over east Rajasthan on 12th November.

Cold Day conditions also prevailed at isolated places over east Madhya Pradesh on 11th & 12th November.

Dense Fog was observed at isolated places over Assam & Meghalaya, Himachal Pradesh on 6th and over Odisha on 11th November.

Moderate Fog was observed at isolated places over Himachal Pradesh on 10th and 11th November.

Shallow Fog was observed at isolated places over Nagaland, Manipur, Mizoram & Tripura, east Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, Chhattisgarh on 6th; at a few places over Nagaland, Manipur, Mizoram & Tripura; at isolated places over Assam & Meghalaya on 7th; at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, east Uttar Pradesh on 9th; at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Bihar, east Uttar Pradesh, Himachal Pradesh, west Madhya Pradesh on 10th; at isolated places over Assam & Meghalaya, Uttar Pradesh, Haryana, Chandigarh & Delhi and Himachal Pradesh on 11th November.

Heavy rain at a few places with very heavy rain at isolated places was observed over Tamil Nadu, Puducherry & Karaikal on 6th November.

Heavy to very heavy rain at isolated places was observed over coastal Karnataka on 9th; over Tamil Nadu, Puducherry & Karaikal on 12th November.

Heavy rainfall at isolated places was observed over Rayalaseema, Tamil Nadu, Puducherry & Karaikal on 7th; over coastal Andhra Pradesh, Rayalaseema, Kerala & Mahe on 10th and over Kerala & Mahe on 12th November.

WEATHER SYSTEMS:

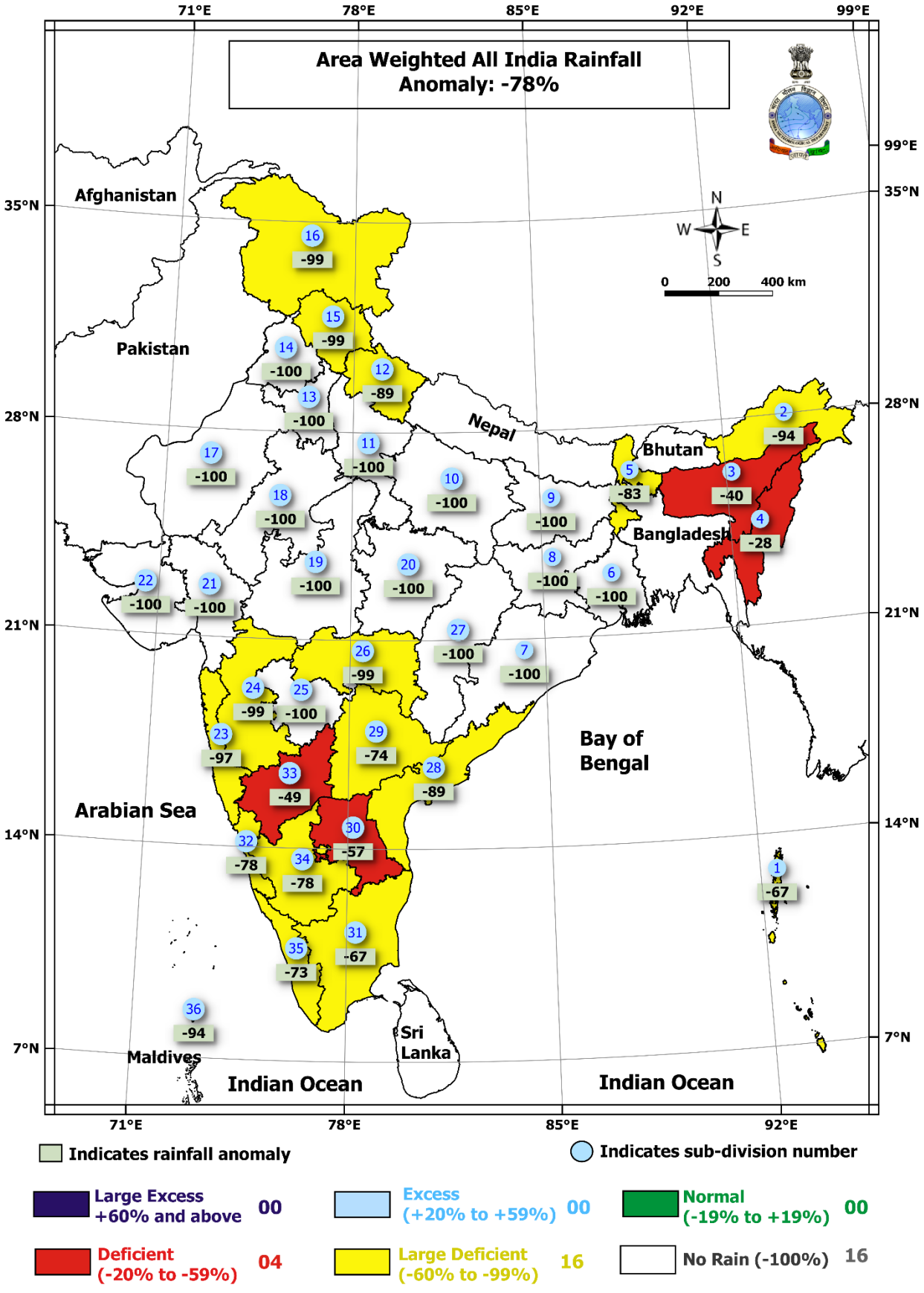
- An upper air cyclonic circulation lay over southwest and adjoining westcentral Bay of Bengal on 11th evening. It lay over southwest Bay of Bengal & neighbourhood and extended upto 1.5 km above m.s.l. on 12th morning and lay over southwest and adjoining southeast Bay of Bengal which extended upto 1.5 km above m.s.l. on 12th November.
- An upper air cyclonic circulation lay over north Haryana and neighbourhood at 3.1 km above m.s.l. on 12th.
- An upper air cyclonic circulation lay over northeast Assam & neighbourhood at 1.5 km above m.s.l. on 12th.
- An upper air cyclonic circulation lay over central Pakistan & neighbourhood at 1.5 km above m.s.l. on 11th which became less marked on 12th.
- An upper air cyclonic circulation lay over southeast Arabian Sea off south Kerala coast and extended upto 1.5 km above m.s.l. on 11th and became less marked on 12th.
- An upper air cyclonic circulation lay over Assam & neighbourhood at 1.5 km above m.s.l. on 7th. It lay over central Assam & neighbourhood on 8th morning and lay over east Bangladesh & neighbourhood between 1.5 & 3.1 km above m.s.l. on 8th. It lay over south Bangladesh & neighbourhood on 9th morning; lay over southwest Bangladesh & adjoining Gangetic West Bengal at 1.5 km above m.s.l. on 9th. It lay over south Bangladesh & neighbourhood and extended upto 1.5 km above m.s.l. on 10th. Maintaining its vertical extent, it lay over Tripura & neighbourhood on 11th; lay over Mizoram & neighbourhood on 12th morning and became less marked on 12th.
- Last week's **low pressure area** over northeast Bay of Bengal & adjoining Bangladesh coast became less marked on 5th evening. However, the associated upper air cyclonic circulation lay over eastcentral and adjoining northeast Bay of Bengal between 1.5 & 3.1 km above m.s.l. on 6th and persisted over the same region 7th. Maintaining its vertical extent, it lay over eastcentral Bay of Bengal on 8th. It persisted over the same region and extended upto 3.1 km above m.s.l. on 9th. Maintaining its vertical extent, it lay over central Bay of Bengal on 10th which became less marked on 11th.
- An upper air cyclonic circulation lay over north Tamil Nadu & neighbourhood at 3.1 km above m.s.l. on 9th. It lay over north interior Tamil Nadu & neighbourhood at 3.1 km above m.s.l. on 10th which became less marked on 11th.
- A western disturbance as a cyclonic circulation over Jammu & neighbourhood at 3.1 km above m.s.l. with a trough aloft in middle tropospheric westerlies with its axis at 5.8 km above m.s.l. ran roughly along Long.71°E to the north of Lat.32°N on 8th morning; lay over north Punjab & neighbourhood at 3.1 km above m.s.l. with a trough aloft in middle tropospheric westerlies with its axis at 5.8 km above m.s.l. ran roughly along Long.72°E to the north of Lat.32°N on 8th; lay over north Haryana at 3.1 km above m.s.l. with a trough aloft in middle tropospheric westerlies with its axis at 5.8 km above m.s.l. ran roughly along Long.78°E to the north of Lat.32°N on 9th and moved away east-northeastwards on 10th.
- An upper air cyclonic circulation lay over Gulf of Mannar and adjoining Comorin Area at 5.8 km above m.s.l. on 8th which became less marked on 9th.
- A trough ran from southwest Bay of Bengal to Kerala across Sri Lanka and Tamil Nadu at 0.9 km above m.s.l. on 8th and became less marked on 9th.
- An upper air cyclonic circulation lay over north Haryana & neighbourhood at 1.5 km above m.s.l. on 7th which became less marked on 8th.
- An upper air cyclonic circulation lay over south interior Karnataka & neighbourhood at 3.1 km above m.s.l. on 7th and became less marked on 8th.
- An upper air cyclonic circulation lay over Bangladesh and adjoining Tripura & south Assam and extended upto 1.5 km above m.s.l. on 6th which became less marked on 7th.
- Last week's trough from southwest Bay of Bengal to north Kerala across interior Tamil Nadu ran from central Bay of Bengal to east central Arabian Sea across Tamil Nadu, Karnataka between 1.5 to 5.8 km above m.s.l. on 6th which became less marked on 7th.
- Last week's western disturbance as a cyclonic circulation over north Punjab & neighbourhood between 3.1 & 4.5 km above m.s.l. with a trough aloft in middle tropospheric westerlies with its axis at 5.8 km above m.s.l. roughly along Long.72°E to the north of Lat.32°N moved away east-northeastwards on 6th November.

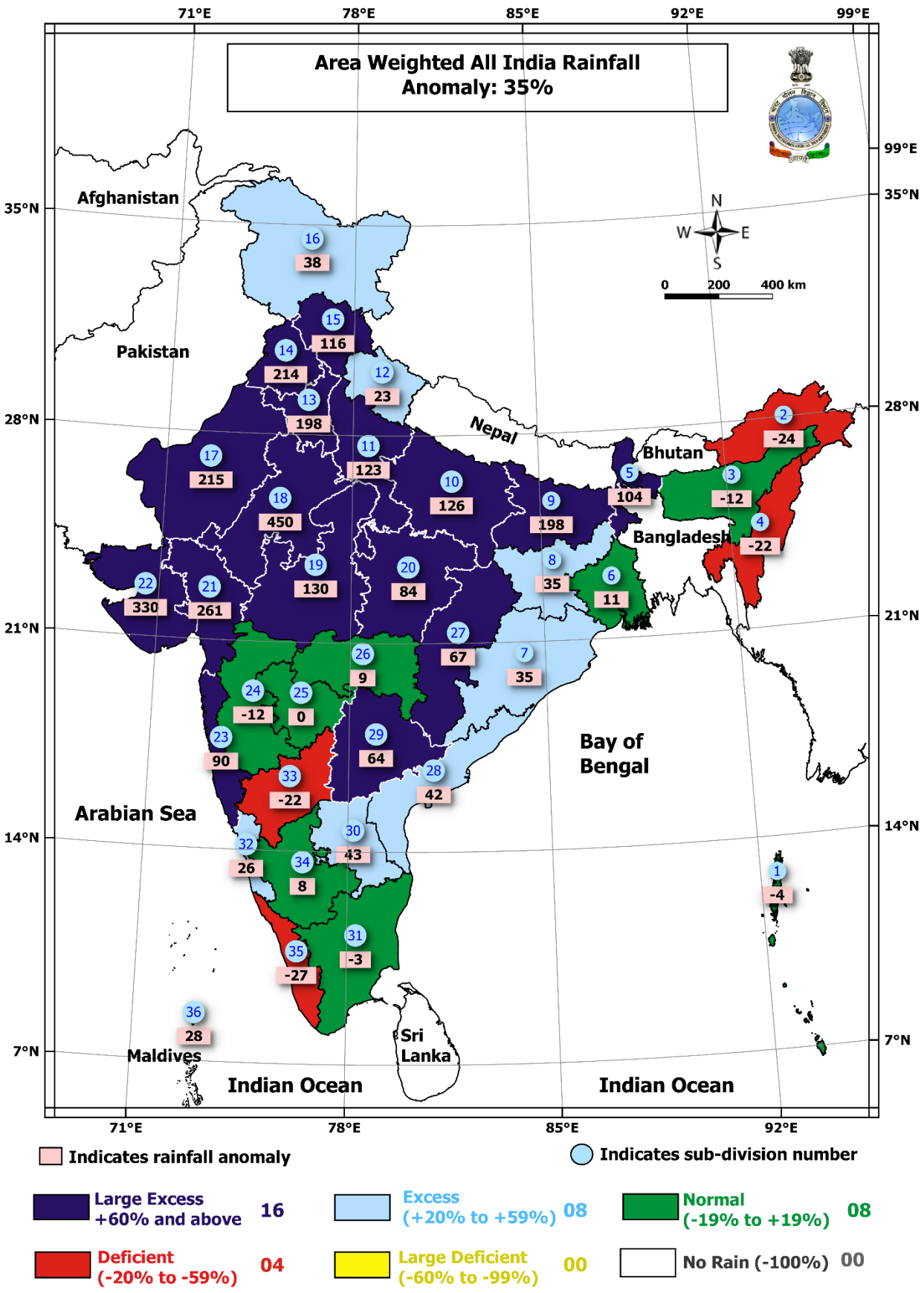
12th November 2025
Pune - 5

Head, Weather Forecasting Division,
O/o The Climate Research & Services, Pune

Rainfall % Departure For the Week ending

12 Nov 2025



Rainfall % Departure For the Season ending

1 Oct to 12 Nov 2025