

Press Release: Dated: 17 September 2026

Subject: Current Weather Status and Extended Range Forecast for the next two weeks (17 to 30 September 2026)

1. Salient Observed Features for the week ending 16 September 2026:

- ❖ **Formation of a Low Pressure Area over North Bay of Bengal & neighbourhood on 10th September:** Under the influence of an upper air cyclonic circulation over North Bay of Bengal & adjoining Bangladesh coast, a Low Pressure Area formed over North Bay of Bengal & neighbourhood in the morning hours of 10th September. It lay over Northwest-Westcentral Bay of Bengal & adjoining south Odisha-north Andhra Pradesh coasts on 11th September; lay over south Chhattisgarh & neighbourhood on 12th September; lay over southwest Madhya Pradesh & adjoining north Vidarbha on 13th September; lay over southeast Rajasthan & adjoining north Gujarat on 14th September; lay over southwest Rajasthan adjoining Kutch region & southeast Pakistan on 15th September; lay over Saurashtra & adjoining Northeast Arabian Sea on 16th September.
- ❖ It caused isolated **extremely heavy rainfall** over Gujarat Region on 13th September and **heavy to very heavy rainfall** recorded at isolated places over East Uttar Pradesh on 10th September, East Madhya Pradesh, Bihar on 11th September, Odisha, Chhattisgarh on 11th & 12th September, Telangana on 13th & 14th September, Vidarbha on 13th September, West Madhya Pradesh on 14th & 15th September, Gujarat Region on 15th September, Saurashtra & Kutch on 15th & 16th September.
- ❖ The **Monsoon Trough** at mean sea level was either near its normal position or south of its normal position during most days of the week. **All-India weekly cumulative rainfall** was 17% below normal of long-period average due to subdued monsoon rainfall activity over many parts of south peninsular, north, east & northeast India during the week (ref Fig. 6).
- ❖ **Extremely heavy rainfall** also recorded at isolated places over Sub-Himalayan West Bengal & Sikkim on 16th September. **Heavy to very heavy rainfall** also recorded at isolated places over Assam & Meghalaya on 12th, 13th & 16th September, Nagaland, Manipur, Mizoram & Tripura on 12th September, Sub-Himalayan West Bengal & Sikkim, Konkan & Goa on 13th September, Haryana on 14th September, Tamil Nadu, Puducherry & Karaikal on 15th September.
- ❖ During the past week, rainfall was 17% below Long Period Average (LPA) over the country as a whole (Annexure I).
- ❖ Cumulatively from 1 June to 16 September 2026, the country as a whole had rainfall that was 15% below LPA (Annexure II).
- ❖ Details of weekly and cumulative rainfall distribution are given in Table 1.

Table 1: Rainfall status (Week and season)

Region	Week			Season		
	10.09.2026 TO 16.09.2026			01.06.2026 TO 16.09.2026		
	Actual (mm)	Normal (mm)	Departure (%)	Actual (mm)	Normal (mm)	Departure (%)
EAST & NORTHEAST INDIA	36.4	71.3	-49%	923.8	1243.7	-26%
NORTHWEST INDIA	14.6	26.1	-44%	498.1	555.9	-10%
CENTRAL INDIA	56.4	42.7	32%	865.2	912.3	-5%
SOUTH PENINSULA	22.8	36.0	-37%	459.7	637.0	-28%
THE COUNTRY AS A WHOLE	33.8	40.9	-17%	682.0	801.5	-15%

2. Large-scale features:

- ❖ Moderate El Niño conditions currently prevail over the equatorial Pacific Ocean, with sea surface temperature (SST) anomalies remaining above normal across the central and eastern equatorial Pacific. These conditions are expected to strengthen further during the Southwest Monsoon season. Forecasts from the Monsoon Mission Coupled Forecast System (MMCFS) also indicate a continued strengthening of El Niño conditions throughout the remaining period of Southwest Monsoon season.
- ❖ At present, neutral Indian Ocean Dipole (IOD) conditions prevail over the Indian Ocean. Forecasts from the Monsoon Mission Coupled Forecast System (MMCFS) indicate that these neutral IOD conditions are likely to persist throughout the remaining period of Southwest Monsoon season. However, climate forecasts from some international forecasting centers suggest that positive IOD conditions are likely to develop during September 2026.
- ❖ Madden-Julian Oscillation (MJO) index is currently in Phase 8, centered over the Western Hemisphere and Africa, with an amplitude close to 1. It is likely to move across phases 8 and 1 during most part of week 1 with amplitude remaining more than 1. From end of week 1 onwards, it is indicated to move across phase 2 with amplitude more than 1 during the remaining part of forecast period.

3. Forecast for the next two weeks

Weather systems & associated Precipitation during Week 1 (17 to 23 September 2026) and Week 2 (24 to 30 September 2026)

Weather systems & associated Precipitation during Week 1 (17 to 23 September 2026):

Weather systems during week 1:

- ❖ Conditions are becoming favorable for the withdrawal of the Southwest Monsoon from some parts of West Rajasthan around 19th September 2026.
- ❖ The Low-Pressure Area over Saurashtra & adjoining Northeast Arabian Sea persisted over the same region at 0830 hrs IST of today, 17th September 2026. The associated cyclonic circulation extends up to 5.8 km above mean sea level, tilting southwards with height. It is likely to be less marked within 24hrs.
- ❖ The existing upper-air cyclonic circulation over north Thailand is very likely to emerge over the north Andaman Sea around 18th September evening (1200 UTC). Under its influence, a low pressure area is very likely to form over the same region around 19th September evening (1200 UTC). Thereafter, there is a high probability of its intensification into a depression over the east-central Bay of Bengal in the latter half of week 1 (during 21st-22nd September). It is very likely to move further west-northwestwards towards the south Odisha-north Andhra Pradesh coasts during the subsequent 3-4 days. The remnant of this system is very likely to move northwestwards up to North Chhattisgarh and north-northwestwards up to East Uttar Pradesh & adjoining Bihar during the first half of week 2.
- ❖ A cyclonic circulation is likely to develop over Southwest Bay of Bengal off Tamil Nadu coast by the middle of the week.
- ❖ A ridge is likely to develop and prevail in lower tropospheric levels over the South Arabian Sea (AS) and the adjoining Central AS, during most days of the week.
- ❖ An active Western Disturbance is likely to affect northwest India during both the weeks.
- ❖ A ridge in the upper troposphere is likely to prevail around 25 to 28 degrees north during the week.

Under the influence of the above systems, the following weather is likely:

- ❖ **Fairly Widespread to Widespread** rainfall accompanied with thunderstorm & lightning likely over Himachal Pradesh and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 17th September, over Punjab on 17th September. Isolated **heavy rainfall** likely over Haryana Chandigarh & Delhi and Punjab on 17th September; East Rajasthan during 17th-18th September.
- ❖ **Fairly Widespread to Widespread** rainfall accompanied with thunderstorm & lightning likely over East Madhya Pradesh during 17th-18th September; Vidarbha during 22nd-23rd September; Chhattisgarh during 18th-23rd September. Isolated **heavy rainfall** likely over Chhattisgarh during 20th-23rd September.
- ❖ **Fairly Widespread to Widespread** rainfall accompanied with thunderstorm & lightning likely over Andaman & Nicobar Islands during 17th-23rd September; Sub-Himalayan West Bengal & Sikkim during 17th-19th September; Gangetic West Bengal during 17th-20th September and on 23rd September; Odisha during 21st-23rd September. Isolated **heavy rainfall** likely over Andaman & Nicobar Islands during 18th-20th September; Sub-Himalayan West Bengal & Sikkim on 18th September; Bihar during 17th-18th September; Odisha during 17th-18th September and on 23rd September with isolated **very heavy rainfall** also likely over Sub-Himalayan West Bengal & Sikkim on 17th September.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh and Assam & Meghalaya on 17th September; Nagaland, Manipur, Mizoram & Tripura on 19th September. Isolated **heavy rainfall** likely over Arunachal Pradesh on 17th September; Assam & Meghalaya on 17th September and during 19th-21st September; Nagaland, Manipur, Mizoram & Tripura on 19th September.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Konkan & Goa on 17th September and during 20th-23rd September; Madhya Maharashtra during 21st-22nd September; Marathwada on 22nd September; Gujarat Region during 17th-19th September; Saurashtra & Kutch on 17th September. Isolated **heavy rainfall** likely over Madhya Maharashtra during 21st-22nd September; Saurashtra & Kutch on 17th September.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Kerala & Mahe and Lakshadweep during 17th-23rd September; Coastal Karnataka and Telangana during 20th-23rd September; North Interior Karnataka and South Interior Karnataka during 19th-23rd September. Isolated **heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal during 17th-23rd September; Kerala & Mahe during 17th-20th September; Lakshadweep on 18th September and on 21st September; Coastal Karnataka, North Interior Karnataka and South Interior Karnataka during 20th-21st September; Coastal Andhra Pradesh & Yanam during 19th-21st September and on 23rd September; Rayalaseema during 19th-21st September; Telangana during 20th-23rd September.
- ❖ **Overall, for the country as a whole, the rainfall is likely to be below normal during the week.**

Precipitation during Week 2 (24 to 30 September 2026):

- ❖ Light/moderate scattered rainfall is likely over some parts of the Western Himalayan region during some days of the week.
- ❖ Light/moderate scattered to fairly widespread rainfall is likely over Northeast & East India during the week. Isolated **heavy rainfall** is likely over Odisha, Gangetic West Bengal, Jharkhand, Bihar, and Northeast India on some days of the week.
- ❖ Scattered to fairly widespread rainfall with isolated **heavy falls** likely over Konkan & Goa, Coastal Karnataka, during some days of the week. Scattered rainfall with isolated **heavy falls** also likely over the remaining parts of Peninsular India during some days of the week.

- ❖ **Rainfall activity is likely to be normal to above normal over East and adjoining Central & Peninsular India** during the first half of the week, and below normal over the remaining parts of the country during the week (Annexure IV).
- ❖ **Overall, for the country as a whole, the rainfall is likely to be near normal during the week.**

Temperature forecast for Week 1 (17 to 23 September 2026) and Week 2 (24 to 30 September 2026)

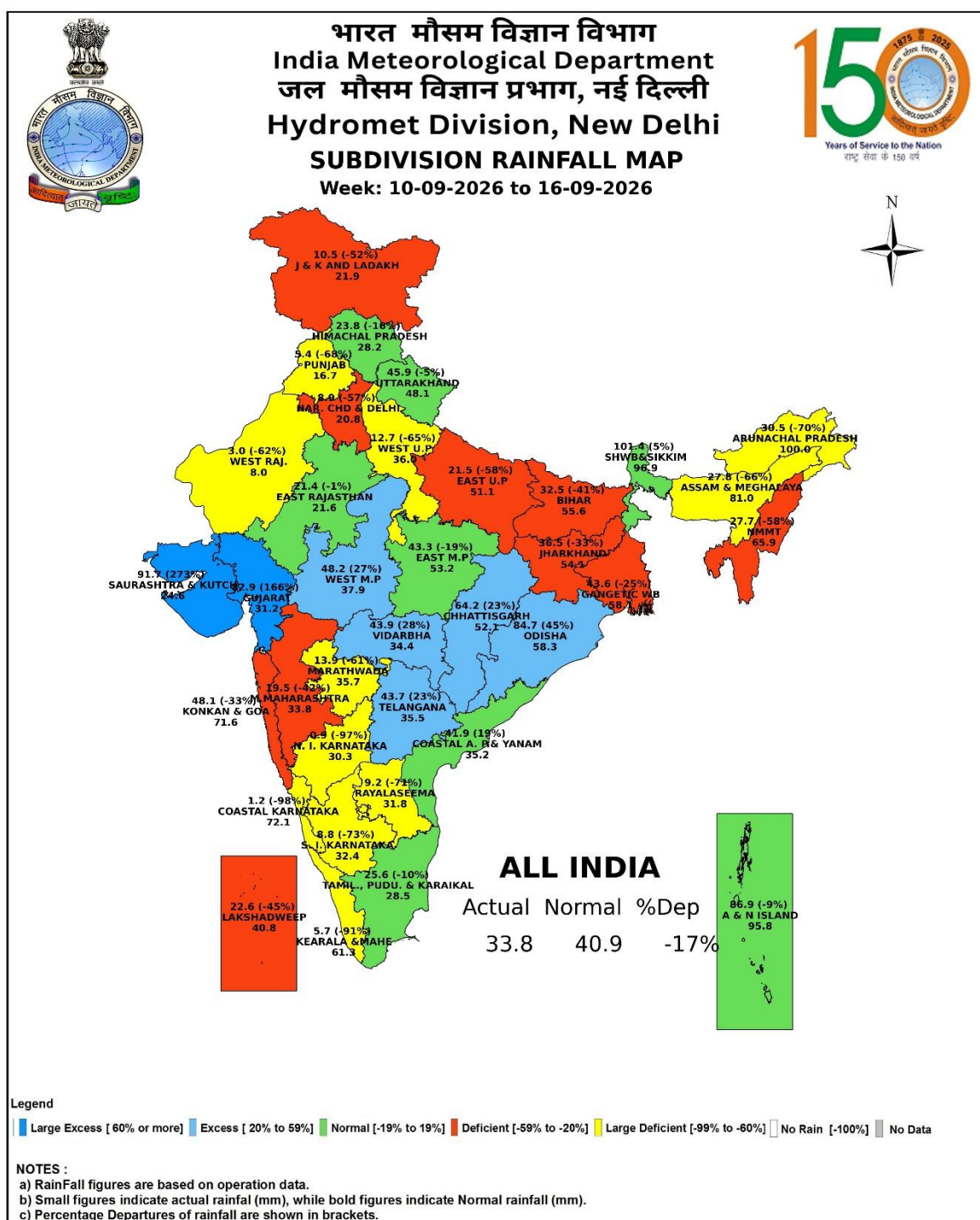
Temperature forecast for Week 1 (17 to 23 September 2026):

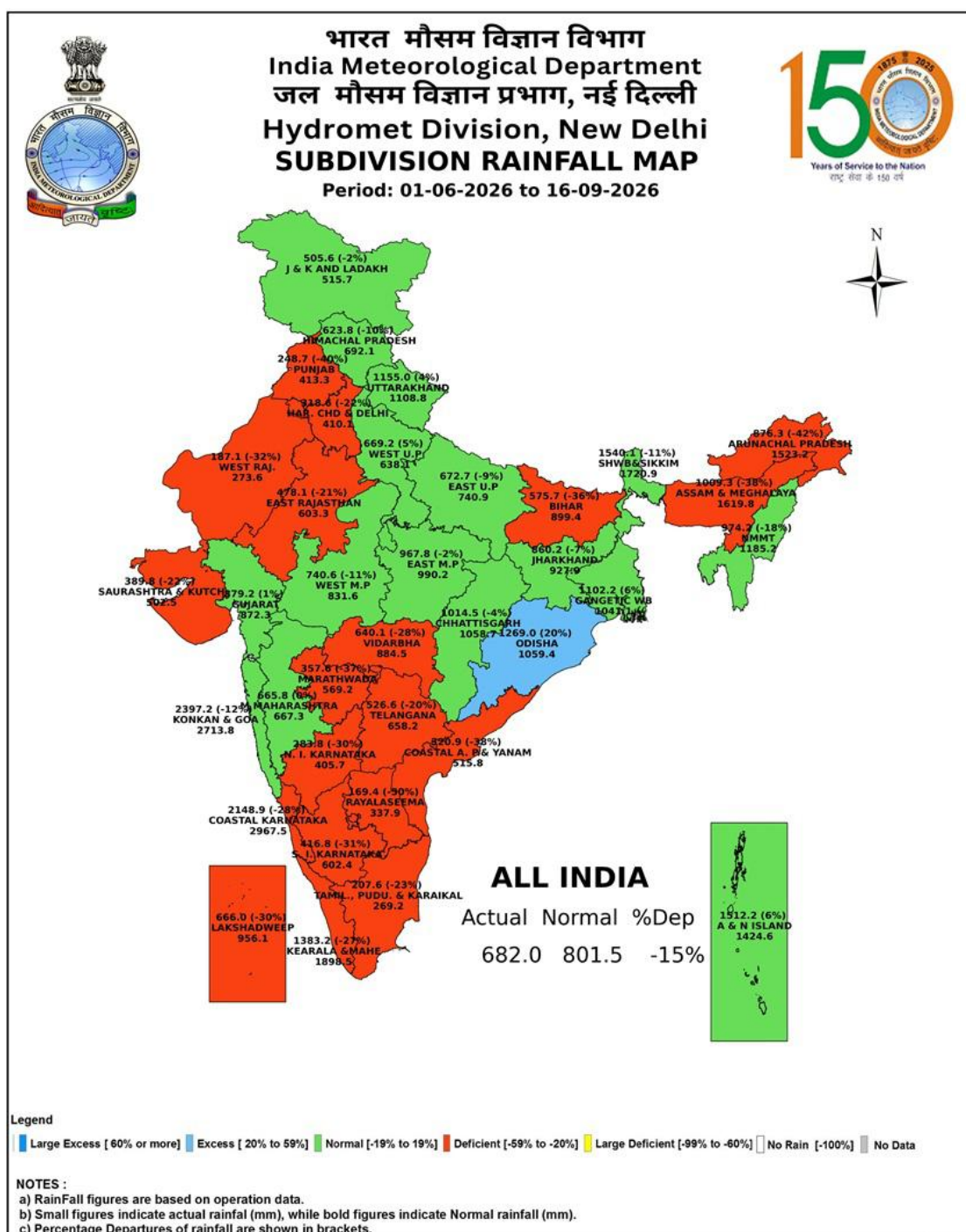
- ❖ Above normal maximum temperatures by 2-4°C are very likely over some parts of the plains of Northwest India, and by 2-3°C are very likely over some parts of Peninsular, East and Northeast India during some/many days of the week. Near-normal (-1.5 to +1.5°C) maximum temperatures are likely over the rest of the country. **(Annexure IV).**
- ❖ No probability of a heat wave over any part of the country during the week.
- ❖ No probability of warm nights in any part of the country during the week. Minimum temperatures are likely to be near normal (-1.5 to +1.5°C) for the country.

Temperature forecast for Week 2 (24 to 30 September 2026):

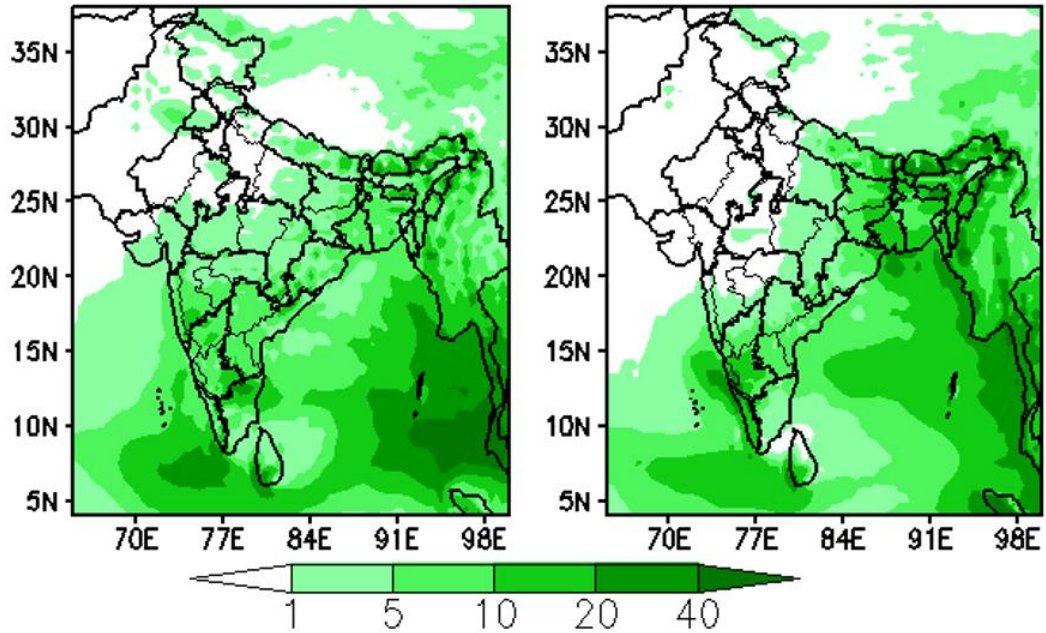
- ❖ Above normal maximum temperatures by 2-4°C are very likely over some parts of the plains of Northwest India during some days of the week. Near-normal (-1.5 to +1.5°C) maximum temperatures are likely over the rest of the country. **(Annexure IV).**
- ❖ No probability of a heat wave over any part of the country during the week.
- ❖ No probability of warm nights in any part of the country during the week. Minimum temperatures are likely to be near Normal (-1.5 to +1.5°C) for the country.

Advisories on the likely impact and suggested actions for Heavy Rainfall/ High temperatures/ Heat Waves are provided in Annexure-V.

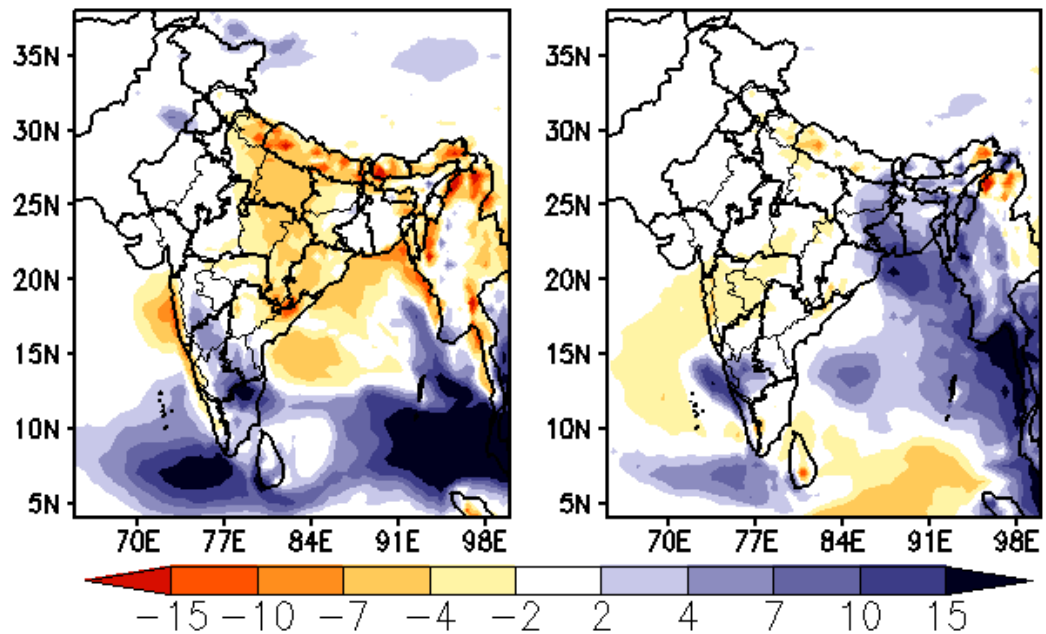




Forecast Rainfall (mm/day) (00Z=0530 hrs IST)
 (Week1:00Z17Sep–00Z24Sep) (Week2:00Z24Sep–00Z01Oct)



Forecast Rainfall Anomaly (mm/day) (00Z=0530 hrs IST)
 (Week1:00Z17Sep–00Z24Sep) (Week2:00Z24Sep–00Z01Oct)

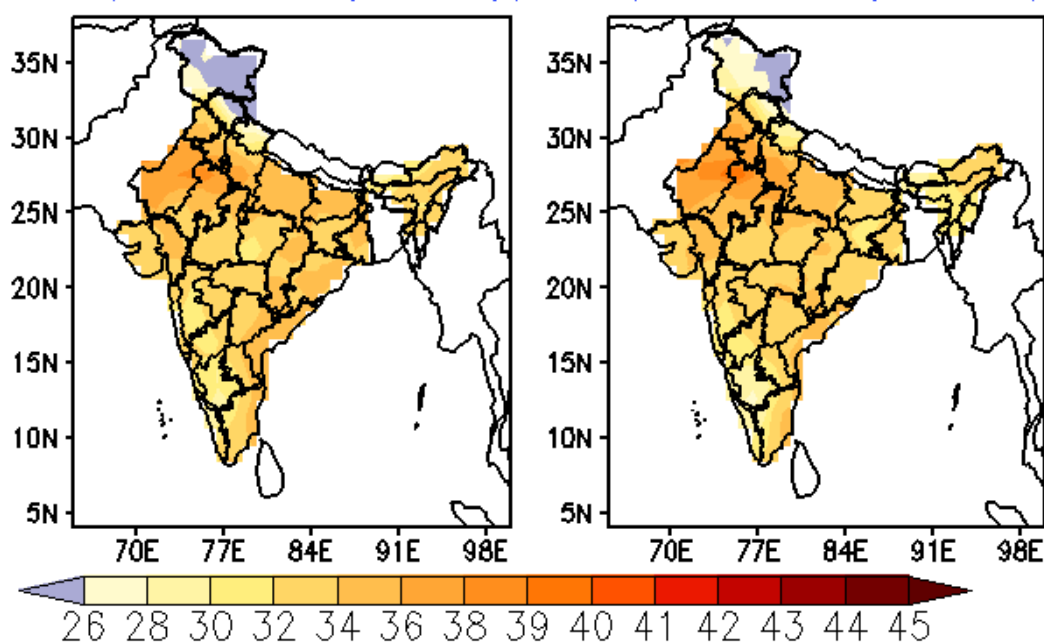


Extended range forecast of weekly distribution of rainfall in mm per day (top panel) and anomalies (lower panel) from IMD MME

MME Bias corrected forecast Tmax (Deg C)

(Week1: 18Sep–24Sep)

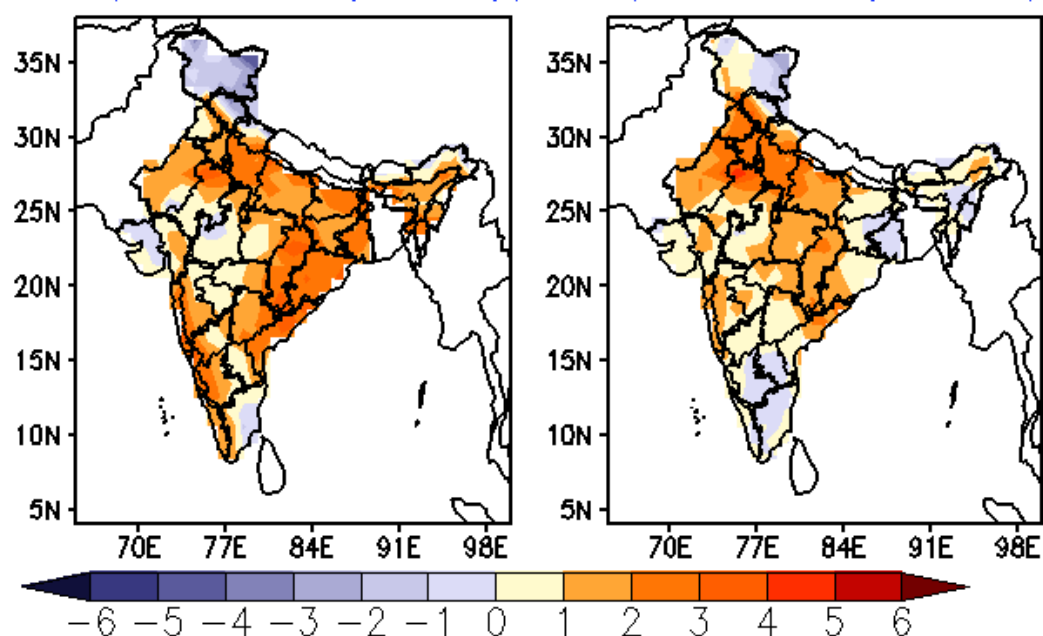
(Week2: 25Sep–01Oct)



MME forecast Tmax anomaly (Deg C)

(Week1: 18Sep–24Sep)

(Week2: 25Sep–01Oct)



Extended range forecast of weekly distribution of Maximum Temperature in °C (top panel) and anomalies (lower panel) from IMD Bias Corrected Forecast

Impact Expected & Action Suggested due to heavy/very heavy/extremely heavy rainfall

- ❖ **Isolated very heavy rainfall likely over Sub-Himalayan West Bengal & Sikkim on 17th September.**

Impact expected:

- ❖ Breaking of tree branches, uprooting of small trees like banana, papaya, drum sticks. Strong wind and rain may damage plantation, horticulture and standing crops.
- ❖ Partial damage to vulnerable structures due to strong winds and rain.
- ❖ Minor damage to kutchha houses/walls, huts and roads due to heavy rain.
- ❖ Loose objects may fly.
- ❖ Small ships, trawlers and boats may be affected.
- ❖ Road and rail traffic may be affected due to heavy rain and squally winds.
- ❖ There could be localised landslides, mudslides, landslips, water logging, inundation and flooding over low lying areas.
- ❖ Occasional reduction in visibility due to heavy rainfall.
- ❖ Helicopter services may get affected.

Action suggested:

- ❖ People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- ❖ Take safe shelters; do not take shelter under trees, as there could be lightning.
- ❖ In case of expected lightning, unplug electrical/ electronic appliances, immediately, get out of water bodies and keep away from all the objects that conduct electricity.
- ❖ Tourism and recreational activities to be regulated.
- ❖ Onshore and offshore activities to be judiciously regulated.
- ❖ Helicopter services to be regulated.

Agromet advisories for likely impact of Heavy Rainfall

- ❖ In **Sub-Himalayan West Bengal & Sikkim**, maintain safe water levels in rice and clear drainage channels in rice and green gram fields. Drain out excess water from rice fields, pointed gourd and other standing crop and vegetables.
- ❖ In **Odisha**, ensure proper drainage to drain excess water from rice, maize, millets, ginger, turmeric, vegetables, pulses and orchards. Protect vegetable nurseries, provide staking to vegetables and undertake earthing-up around newly planted banana saplings; postpone field operations until rainfall ceases and soil conditions become suitable.
- ❖ In **Bihar**, maintain proper drainage in rice, maize, sesame, pigeon pea and other standing crop fields and avoid prolonged water stagnation.
- ❖ In **Arunachal Pradesh**, maintain proper drainage in millet fields to prevent water stagnation and strengthen trellises and supports for cucumber and other gourds. Harvest mature upland/Jhum rice, soybean and vegetables and immediately shift the produce to safe, covered shelters.
- ❖ In **Assam & Meghalaya**, drain excess water from maize, black gram, green gram and sesame fields and keep drainage channels clear. Maintain suitable water levels in rice, support papaya, banana and weak-stemmed crops, and harvest pumpkins and bottle gourd before the rains wherever possible.
- ❖ In **Punjab**, maintain adequate drainage in standing crop fields and withhold irrigation and field operations during wet conditions. Harvest mature pearl millet wherever conditions permit.

- ❖ In **Haryana**, ensure proper drainage in paddy, cotton and vegetable fields and withhold irrigation during the wet spell. Harvest mature vegetables during rain-free periods and avoid entering muddy fields.
- ❖ In **East Rajasthan**, harvest the matured pearl millet crops, fully matured pods of mung bean, moth bean and cowpea and keep in safe place.
- ❖ In **Tamil Nadu**, drain out excess rain water from standing crop fields and avoid fertilizer and pesticide applications during rainfall, particularly where heavy rainfall was received yesterday. Provide support to banana plants and prop sugarcane against lodging.
- ❖ In **Keralam**, ensure effective drainage in banana, black pepper, coconut, ginger and turmeric fields following the recent rainfall and provide strong support to banana plants and trellis-grown crops. Postpone all field operations until rainfall ceases and soil conditions become suitable.
- ❖ In **South Interior Karnataka**, protect harvested produce by keeping it in safe, covered storage, and secure farm structures and equipment. Ensure proper drainage in standing crop fields to avoid waterlogging.
- ❖ In **Andaman & Nicobar**, make necessary arrangements to remove excess rain water in standing crop fields to avoid waterlogging. Provide mechanical support to banana & papaya plantations and staking to young plants and vegetables.

Agromet advisories for likely impact of Thunderstorm / Gusty Winds

- ❖ Shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields. Tie the harvested crops securely and cover them to minimize the risk of displacement from strong surface winds.
- ❖ Provide mechanical support to horticultural crops and staking or support to vegetables and young fruit plants / fruit-bearing plants to avoid lodging due to strong winds.

Livestock / Poultry / Fisheries

- ❖ Keep the animals inside the shed during heavy rainfall and provide them balanced feed.
- ❖ Store the feed and fodder in a safe place to prevent spoilage.
- ❖ In regions with high temperatures and heat wave conditions, provide clean, cool drinking water to animals, and cover the roofs of poultry sheds with grass to reduce the adverse effects of heat.
- ❖ Construct an outlet with proper netting around the ponds to drain excess water, thereby preventing fish from escaping in the event of overflow.