Government of India

Earth System Science Organization

Ministry of Earth Sciences

India Meteorological Department

Press Release: Dated: 18th September 2025

Subject: Current Weather Status and Extended range Forecast for the next two weeks (18th September to 01st October 2025)

1. Salient Observed Features for the week ending 17th September 2025:

- **Withdrawal of Southwest Monsoon from West Rajasthan:** During the week, southwest monsoon has withdrawn from some parts of West Rajasthan on 14th September, 2025 against the normal date of 17th September. It has further withdrawn from some more parts of Rajasthan, some parts of Gujarat, Punjab and Haryana on 16th September. The line of withdrawal of southwest monsoon passed through 31°N/74°E, Bhatinda, Fatehabad, Pilani, Ajmer, Deesa, Bhuj and 23°N/68°E on 16th September.
- **Heavy to Extremely Heavy rainfall spell over western Himalayan region during 13-16 September:** Very heavy to extremely heavy rainfall spell recorded over parts of western Himalayan region during 13th – 16th September. **Extremely heavy rainfall** was recorded at isolated places over Uttarakhand on 13th & 16th September and Himachal Pradesh on 14th September mainly due to impact of lower level monsoonal easterlies to these areas and local topography. It caused flash floods and landslides over Chamoli and Dehradun (Uttarakhand), and Mandi (Himachal Pradesh).
- **Heavy to Extremely rainfall spell over Bihar, Sub-Himalayan West Bengal & Sikkim and Assam & Meghalaya during 11-17 September: Extremely heavy rainfall** was recorded at isolated places over Sub-Himalayan West Bengal & Sikkim on 12th, 14th & 15th September, Bihar on 14th & 17th September, Assam & Meghalaya on 16th September. It was mainly due to a cyclonic circulation over Bihar and another cyclonic circulation over North Bangladesh and southerly/southeasterly wind convergence over the region from North Bay of Bengal.
- **Formation of Low Pressure Area and its movement from south Odisha-Andhra Pradesh coasts to central India during 12-14 September which caused heavy to extremely heavy rainfall spell across the region:** Under the influence of an upper air cyclonic circulation over westcentral & adjoining Bay of Bengal off north Andhra and south Odisha coast, a **Low Pressure Area** formed over the same region

at 0830 hrs IST of 12th September. It lay over westcentral & adjoining northwest Bay of Bengal, north Andhra Pradesh-south Odisha coasts on 13th September; lay over north Telangana & adjoining Vidarbha on 14th September and became less marked at 0530 hrs IST of 15th September. **It caused heavy to very heavy rainfall with isolated extremely heavy rainfall** over Telangana during 11th – 15th September, heavy to very heavy rainfall at isolated places over Odisha on 12th & 13th September, Coastal Andhra Pradesh on 11th & 13th September, Rayalaseema on 11th & 12th September, Marathawada during 12th – 16th September, East Madhya Pradesh during 13th – 15th September, Madhya Maharashtra on 14th & 15th September.

- **Very heavy rainfall** was recorded at isolated places over Bihar on 11th, 15th & 16th September, Madhya Maharashtra, North Interior Karnataka on 11th September, Marathawada on 11th, 13th, 14th & 16th September, Tamil Nadu, Puducherry & Karaikal on 11th, 16th & 17th September, Uttarakhand on 12th & 17th September, Assam & Meghalya during 13th – 15th & 17th September, Sub-Himalayan West Bengal & Sikkim on 13th, 16th & 17th September, Telangana on 14th & 15th September, Konkan & Goa, Nagaland, Manipur, Mizoram & Tripura on 14th September, Gangetic West Bengal, Jharkhand, Uttarakhand on 15th September, East Uttar Pradesh on 15th & 16th September, Coastal Andhra Pradesh & Yanam on 15th September, Himachal Pradesh, Odisha, Rayalaseema on 16th September, West Madhya Pradesh, Arunachal Pradesh on 17th September.
- **Heavy rainfall** was recorded at isolated places over East Uttar Pradesh on 11th, 12th & 17th September, Assam & Meghalaya on 11th & 12th September, Nagaland, Manipur, Mizoram & Tripura during 11th – 13th, 15th & 16th September, Chhattisgarh on 11th, 12th, 16th & 17th September, Sub-Himalayan West Bengal & Sikkim, South Interior Karnataka on 11th September, Telangana on 11th, 13th, 16th & 17th September, Coastal Andhra Pradesh & Yanam on 11th, 13th, 14th, 16th & 17th September, Rayalaseema on 11th, 12th & 17th September, Himachal Pradesh on 12th & 13th September, East Madhya Pradesh during 12th – 17th September, Jharkhand, Vidarbha on 12th, 13th, 16th & 17th September, Odisha on 12th, 13th, 15th & 17th September, Marathawada on 12th, 15th & 17th September, Tamil Nadu, Puducherry & Karaikal during 12th – 14th September, West Uttar Pradesh on 13th & 17th September, Bihar on 13th September, Arunachal Pradesh on 13th, 15th & 16th September, North Interior Karnataka on 13th, 15th & 17th September, Gangetic West Bengal on 14th, 16th & 17th September, Gujarat Region, Uttarakhand on 14th September, Madhya Maharashtra during 14th – 17th September, Punjab on 15th September, Andaman & Nicobar Islands, West Madhya Pradesh on 16th September, Konkan & Goa on 16th & 17th September.
- **Weekly Average Maximum temperature** was below normal by 1-3°C over parts of south peninsular and eastern India, above normal by 1-3°C over parts of north India, and nearly normal over rest parts of the country during the week. **Weekly**

Average Minimum temperature was above normal by 1-3°C over parts of north India and nearly normal over the entire country during the week.

- **Temperature Scenario:** The lowest minimum temperature of **14.5°C** had been recorded at **Halflong (ASSAM)** on **17th September, 2025** and the highest maximum temperature of **39.5°C** had been recorded at **Madurai (Tamilnadu)** **on 15th September, 2025** over the plains of the country during the week.

- **Analysis of weekly overall rainfall distribution during the week-ending on 17th September and the Monsoon Season's Rainfall Scenario (01.06.2025 to 17.09.2025):** The country as a whole, the weekly cumulative All India Rainfall (ending on 17th September) in % departure from its long period average (LPA) is +07%. All India Seasonal cumulative rainfall % departure during this year's Monsoon Season Rainfall (01st June to 17th September 2025) is 08%. Details of the rainfall distribution over the four broad geographical regions of India are given in Table 1, and Meteorological sub-division-wise rainfall for week and season are given in Annexure II & III, respectively.

Table 1: Rainfall status (Week and season)

Region	Week			Season		
	11.09.2025 TO 17.09.2025			01.06.2025 TO 17.09.2025		
	Actual (mm)	Normal (mm)	Departure (%)	Actual (mm)	Normal (mm)	Departure (%)
EAST & NORTHEAST INDIA	**88.3**	**70.8**	**+25%**	**1030.2**	**1253.2**	**-18%**
NORTHWEST INDIA	**15.2**	**24.3**	**-37%**	**735.0**	**558.5**	**+32%**
CENTRAL INDIA	**44.9**	**42.0**	**+7%**	**1019.8**	**917.8**	**+11%**
SOUTH PENINSULA	**46.2**	**37.3**	**+24%**	**690.1**	**643.2**	**+7%**
THE COUNTRY AS A WHOLE	**43.0**	**40.2**	**+7%**	**869.1**	**806.8**	**+8%**

2. Large-scale features:

- Currently, neutral El Niño–Southern Oscillation (ENSO) conditions are prevailing over the equatorial Pacific region. Forecasts from the Monsoon Mission Climate Forecast System (MMCFS), along with other climate models, suggest that these neutral conditions are likely to persist throughout the monsoon season. However, there is an increased likelihood of La Niña conditions developing during the post-monsoon season.
- At present, neutral Indian Ocean Dipole (IOD) conditions are prevailing over the Indian Ocean. Forecasts from the MMCFS and other climate models indicate that weak negative IOD conditions are likely to develop towards the end of the monsoon season, persisting for a brief period.

- MJO is currently in phase 8 with an amplitude of less than 1. It is likely to enter phase 7 at the start of week 1 and then subsequently move to phase 6 during the second half of week 1, with amplitude remaining less than 1. During week 2, it is likely to move rapidly across phase 6, phase 7, and enter phase 8 by the second half of week 2 with an amplitude remaining less than 1. It is likely to remain in phase 8 for the remaining period of week 2.

3. Forecast for the next two weeks

Weather systems & associated Precipitation during Week 1 (18 to 24 September 2025) and Week 2 (25 September to 01st October 2025)

Weather systems & associated Precipitation during Week 1 (18 to 24 September 2025)

Weather systems and withdrawal of Southwest Monsoon:

- An upper air cyclonic circulation lies over east Bihar and another over northeast Assam in lower tropospheric levels.
- An upper air cyclonic circulation lies over Marathwada in lower tropospheric levels and a trough runs from central parts of South Uttar Pradesh to upper air cyclonic circulation over Marathwada in lower tropospheric levels.
- A trough runs south Maharashtra coast to Westcentral & southwest Bay of Bengal in lower tropospheric levels.
- An upper air cyclonic circulation lies over South Interior Karnataka in middle tropospheric levels.
- Conditions are likely to become favourable for further withdrawal of Southwest Monsoon from some more parts of northwest India and some parts of central India during 2nd half of the week.

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

East & Central India:

- Light to moderate rain/thunderstorm at most/many places with isolated heavy rainfall likely over East Madhya Pradesh on 18th; West Madhya Pradesh on 18th & 19th; Andaman & Nicobar Islands, Sub-Himalayan West Bengal & Sikkim, Bihar during 18th-20thSeptember with isolated very heavy falls over Andaman & Nicobar Islands on 18th& 19th and Sub-Himalayan West Bengal & Sikkim on 18th September.
- Thunderstorm& gusty winds (speed reaching 30-40 Kmph) very likely over East India during next 5-6 days.

Northeast India:

- Light/moderate rain/thunderstorm at many/some places with isolated heavy rainfall likely over Arunachal Pradesh during 18th- 20th; Assam & Meghalaya during 18th- 24th and Nagaland, Manipur, Mizoram & Tripura during 19th- 24th September with isolated very heavy falls over Assam & Meghalaya on 22nd September.

Northwest India:

- Light to moderate rain/thunderstorm at some/isolated places with isolated heavy rainfall likely over Himachal Pradesh, Uttar Pradesh on 18th; Uttarakhand on 18th & 19th September with isolated very heavy falls over Uttarakhand on 18th September.

South Peninsular India:

- Light to moderate rain/thunderstorm at many/some places with isolated heavy rainfall likely over Kerala & Mahe, Rayalaseema, Telangana, and Karnataka on 18th and Tamil Nadu on 18th, 19th & 21stSeptember.
- Strong surface winds (speed reaching 30-40 Kmph) very likely over Coastal Andhra Pradesh & Yanam and Rayalaseema during most days of the week.

West India:

- Light to moderate rain/thunderstorm at many/some places likely over the region during the week with isolated heavy rainfall likely over Konkan, Madhya Maharashtra on 18th and Goa on 18th & 19thSeptember.

Precipitation for week 2 (25 September to 01st October 2025):

- A low pressure area likely to form over northwest & adjoining central India during 1st half of the week.
- Fairly widespread to widespread rainfall with isolated heavy to very heavy falls likely over most parts of central & north Peninsular India (especially Odisha, Chhattisgarh, Madhya Pradesh, East Rajasthan, Gujarat and Maharashtra) mainly during 1st half of the week.
- Overall, rainfall activity is likely to be above normal over central and peninsular India; normal to above normal over most parts of northwest & east India; below normal over northeast India during the week.

Temperature forecast for Week 1 (18 to 24 September 2025) and Week 2 (25 September to 01st October 2025)

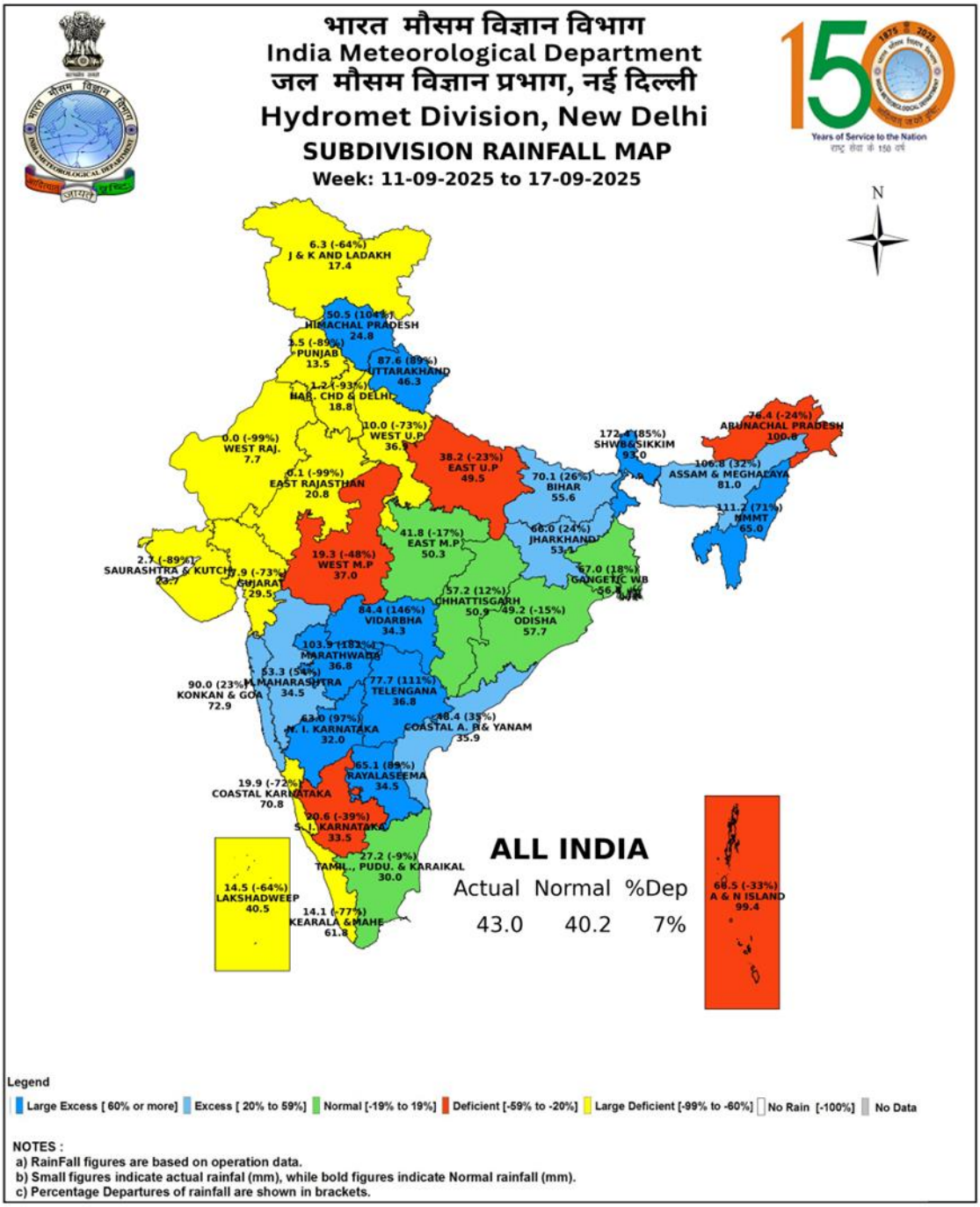
Temperature forecast for Week 1 (18 to 24 September 2025):

- Maximum Temperature Departures (as on 17-09-2025): markedly above normal(> 5.1°C) at isolated places over Odisha and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad; appreciably above normal(3.1°C to 5.0°C) at isolated places over Chhattisgarh; above normal(1.6°C to 3.0°C) at few places over Punjab and Himachal Pradesh; at isolated places over Assam & Meghalaya, Jharkhand, West Uttar Pradesh, Haryana-Chandigarh-Delhi, East Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Gujarat Region, Madhya Maharashtra, Coastal Andhra Pradesh & Yanam, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe. These are near normal or below normal over rest parts of the country. The highest maximum temperature of 39.5°C is reported at NELLORE (ANDHRA PRADESH).
- Overall, maximum temperatures are likely to be above normal by 2-4°C over most parts of central & east India, north Peninsular India and over Uttar Pradesh. These are very likely to be near normal or below normal over remaining parts of the country during the week.

Temperature forecast for Week 2 (25 September to 01st October 2025):

- Maximum temperatures are likely to be near normal or below normal over most parts of the country except Western Himalayan Region and northeast India, where these are likely to be above normal by 2-4°C during the week.

Annexure I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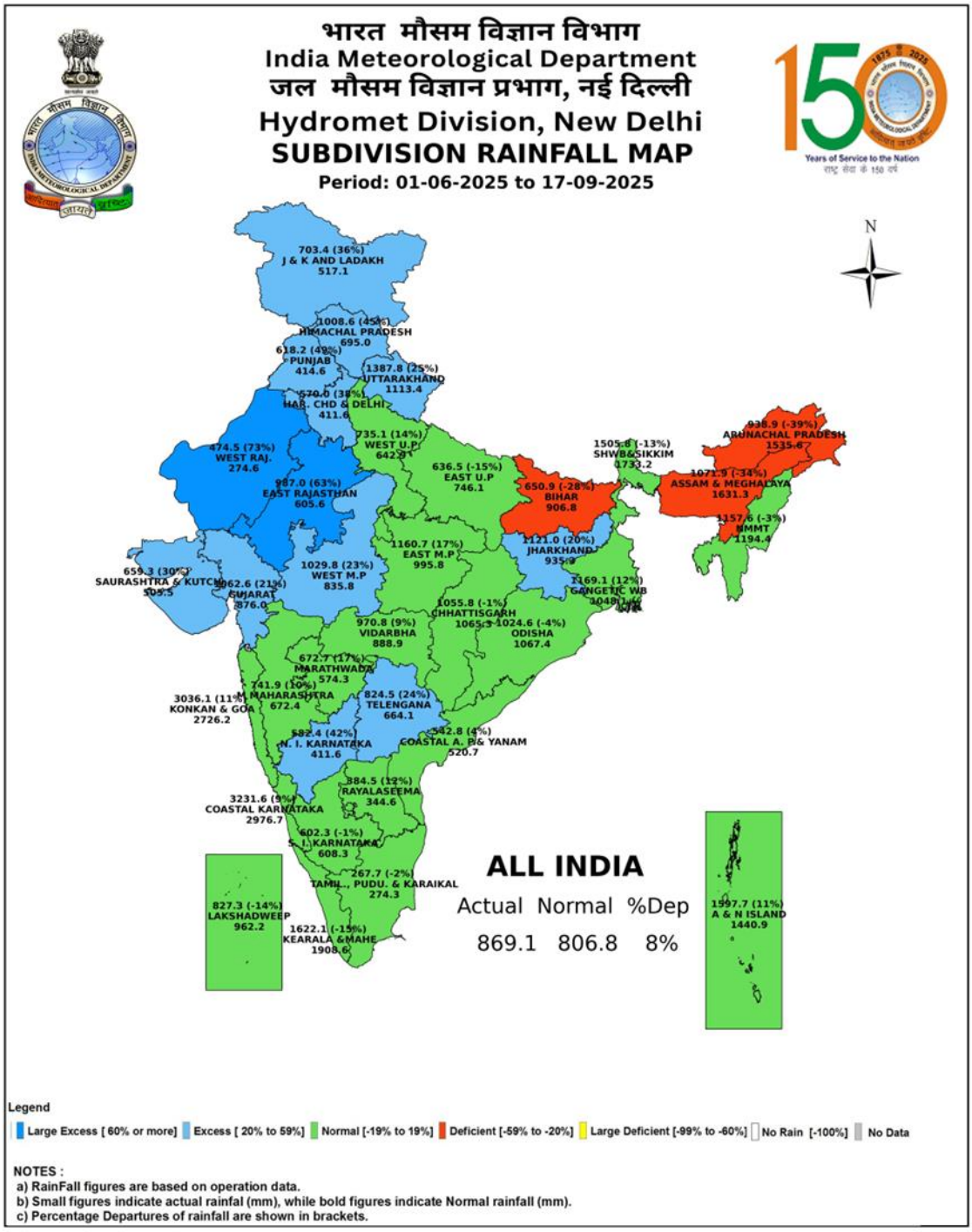
India Meteorological Department
जल मौसम विज्ञान प्रभाग, नई दिल्ली
Hydromet Division, New Delhi
SUBDIVISION RAINFALL MAP
Week: 11-09-2025 to 17-09-2025
150
Years of Service to the Nation
N
6.3 (-64%)
J & K AND LADAKH
17.4
50.5 (104%)
HIMACHAL PRADESH
24.8
2.5 (-89%)
PUNJAB
13.5
87.6 (89%)
UTTARAKHAND
46.3
1.2 (-93%)
HAR. CHD & DELHI
18.8
0.0 (-99%)
WEST RAJ.
7.7
10.0 (-73%)
WEST U.P
36.9
38.2 (-23%)
EAST U.P
49.5
0.1 (-99%)
EAST RAJASTHAN
20.8
172.4 (85%)
SHWB&SIKKIM
93.0
76.4 (-24%)
ARUNACHAL PRADESH
100.8
70.1 (26%)
BIHAR
55.6
106.8 (32%)
ASSAM & MEGHALAYA
81.0
111.2 (71%)
NMMT
65.0
41.8 (-17%)
EAST M.P
50.3
66.0 (24%)
JHARKHAND
53.1
19.3 (-48%)
WEST M.P
37.0
2.7 (-89%)
SAURASHTRA & KUTCH
23.7
7.9 (-73%)
GUJARAT
29.5
57.0 (18%)
GANGETIC WB
56.8
57.2 (12%)
CHHATTISGARH
50.9
49.2 (-15%)
ODISHA
57.7
84.4 (146%)
VIDARBHA
34.3
103.9 (181%)
MARATHWADA
36.8
53.3 (54%)
M.MAHARASHTRA
34.5
90.0 (23%)
KONKAN & GOA
72.9
77.7 (111%)
TELENGANA
36.8
63.0 (97%)
N. I. KARNATAKA
32.0
48.4 (35%)
COASTAL A. P.& YANAM
35.9
65.1 (89%)
RAYALASEEMA
34.5
19.9 (-72%)
COASTAL KARNATAKA
70.8
20.6 (-39%)
S. I. KARNATAKA
33.5
27.2 (-9%)
TAMIL., PUDU. & KARAIKAL
30.0
14.5 (-64%)
LAKSHADWEEP
40.5
14.1 (-77%)
KEARALA &MAHE
61.8
ALL INDIA
Actual Normal %Dep
43.0 40.2 7%
68.5 (-33%)
A & N ISLAND
99.4
Legend
Large Excess [60% or more]
Excess [20% to 59%]
Normal [-19% to 19%]
Deficient [-59% to -20%]
Large Deficient [-99% to -60%]
No Rain [-100%]
No Data
NOTES :
a) RainFall figures are based on operation data.
b) Small figures indicate actual rainfal (mm), while bold figures indicate Normal rainfall (mm).
c) Percentage Departures of rainfall are shown in brackets.

Annexure II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Hydromet Division, New Delhi
SUBDIVISION RAINFALL MAP
Period: 01-06-2025 to 17-09-2025
Years of Service to the Nation
703.4 (36%)
J & K AND LADAKH
517.1
1008.6 (45%)
HIMACHAL PRADESH
695.0
618.2 (49%)
PUNJAB
414.6
1387.8 (25%)
UTTARAKHAND
1113.4
570.0 (38%)
HAR. CHD & DELHI
411.6
735.1 (14%)
WEST U.P
642.9
474.5 (73%)
WEST RAJ.
274.6
636.5 (-15%)
EAST U.P
746.1
987.0 (63%)
EAST RAJASTHAN
605.6
650.9 (-28%)
BIHAR
906.8
1505.6 (-13%)
SHWB&SIKKIM
1733.2
938.9 (-39%)
ARUNACHAL PRADESH
1535.6
1071.9 (-34%)
ASSAM & MEGHALAYA
1631.3
1157.6 (-3%)
NMMT
1194.4
1160.7 (17%)
EAST M.P
995.8
1121.0 (20%)
JHARKHAND
935.9
1029.8 (23%)
WEST M.P
835.8
659.3 (30%)
SAURASHTRA & KUTCH
505.5
962.6 (21%)
GUJARAT
876.0
1169.1 (12%)
GANGETIC WB
1049.2
1055.8 (-1%)
CHHATTISGARH
1065.3
1024.6 (-4%)
ODISHA
1067.4
970.8 (9%)
VIDARBHA
888.9
672.7 (17%)
MARATHWADA
574.3
741.9 (10%)
M.MAHARASHTRA
672.4
3036.1 (11%)
KONKAN & GOA
2726.2
824.5 (24%)
TELENGANA
664.1
582.4 (42%)
N. I. KARNATAKA
411.6
542.8 (4%)
COASTAL A. P& YANAM
520.7
384.5 (12%)
RAYALASEEMA
344.6
3231.6 (9%)
COASTAL KARNATAKA
2976.7
602.3 (-1%)
S. I. KARNATAKA
608.3
267.7 (-2%)
TAMIL., PUDU. & KARAIKAL
274.3
827.3 (-14%)
LAKSHADWEEP
962.2
1622.1 (-15%)
KEARALA &MAHE
1908.6
ALL INDIA
Actual Normal %Dep
869.1 806.8 8%
1597.7 (11%)
A & N ISLAND
1440.9
N
Legend
Large Excess [60% or more]
Excess [20% to 59%]
Normal [-19% to 19%]
Deficient [-59% to -20%]
Large Deficient [-99% to -60%]
No Rain [-100%]
No Data
NOTES :
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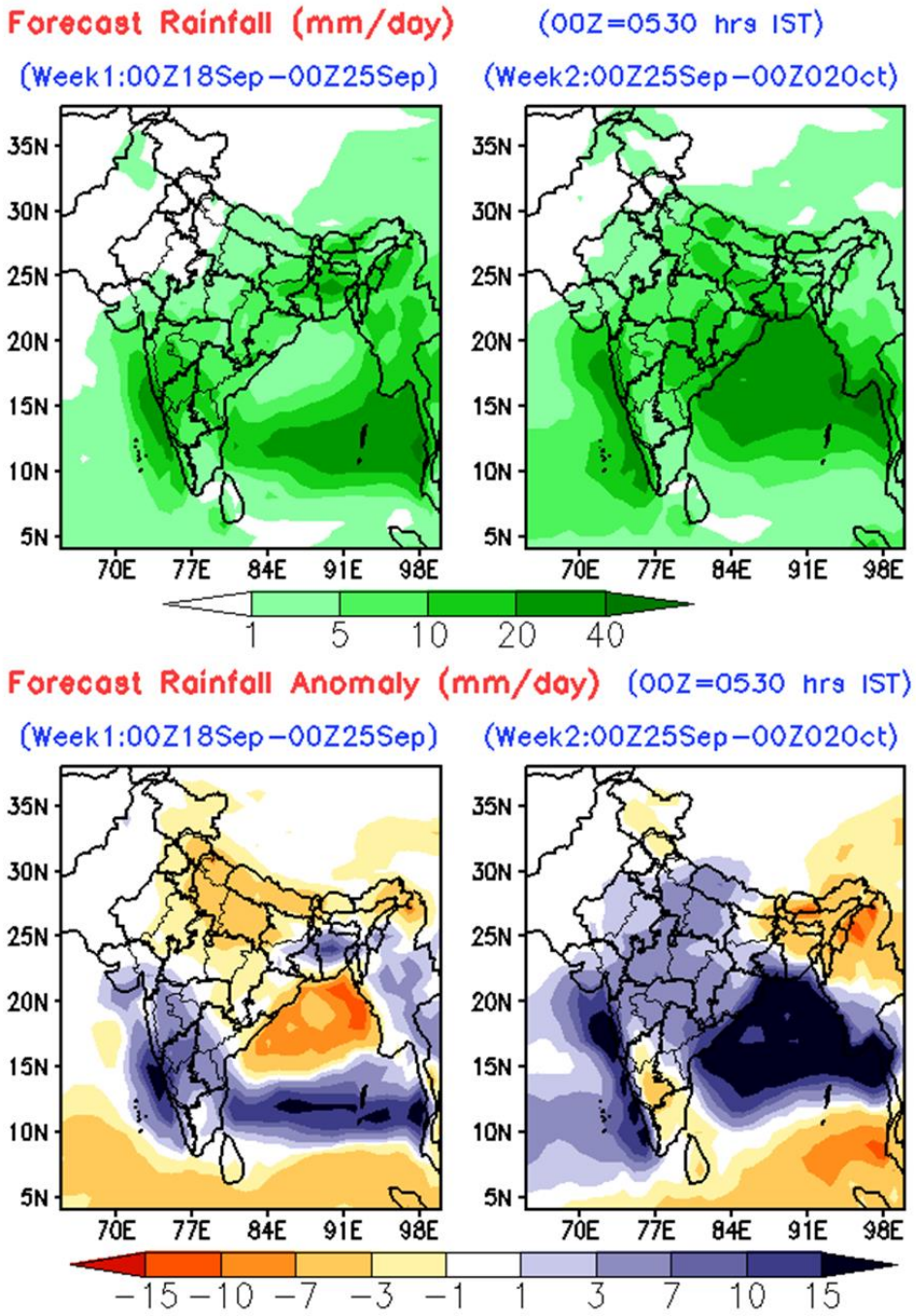
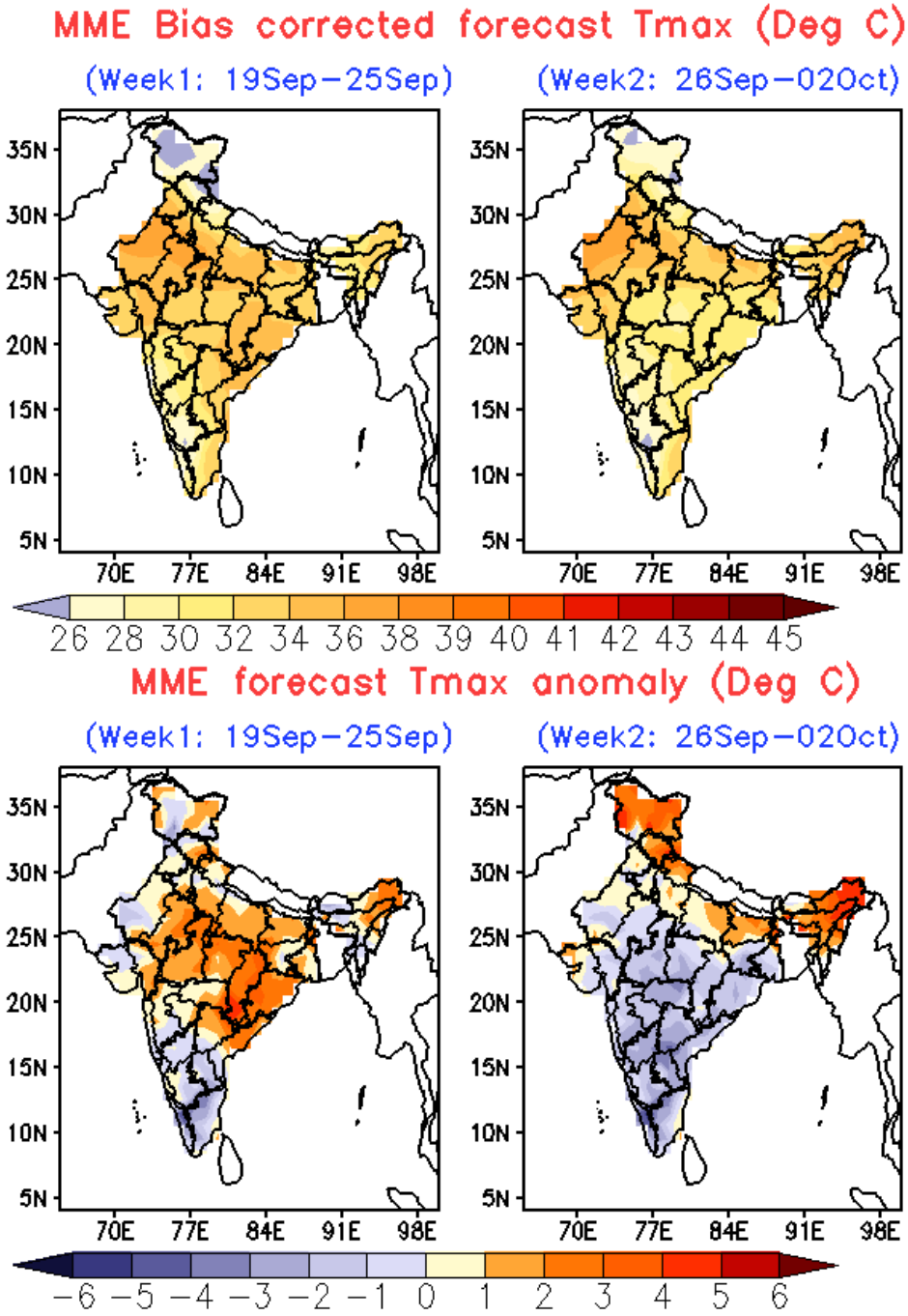


Extended range forecast of weekly distribution of rainfall in mm per day (top panel) and anomalies (lower panel) from IMD MME

Annexure IV



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