Government of India

Earth System Science Organization

Ministry of Earth Sciences

India Meteorological Department

Press Release: Dated: 02nd October 2025

Subject: Current Weather Status and Extended range Forecast for the next two weeks (02nd to 15th October 2025)

1. Salient Observed Features for the week ending 01st October 2025:

- **Further Withdrawal of the Southwest Monsoon:** The southwest monsoon further withdrawn from some more parts of Gujarat, entire Rajasthan, some more parts of Madhya Pradesh & Uttar Pradesh and entire Western Himalayan Region (Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttarakhand) on 26thSeptember, 2025. The line of withdrawal of southwest monsoon passed through 20°N/69°E, Veraval, Bharuch, Ujjain, Jhansi, Shahjahanpur and 30°N/81°E on 26th September.
- **Seasonal Monsoon Rainfall:** Rainfall over the country as a whole during the 2025 southwest monsoon season (June- September) was 108% of its long period average (LPA). Seasonal rainfall over Northwest India, Central India, South Peninsula, and Northeast India were 127%, 115%, 110% and 80% of the respective LPA. Monthly rainfall over the country as a whole was 109% of LPA in June, 105% in both July and August, and 115% of LPA in September.
- **Formation of a Depression over northwest & adjoining westcentral Bay of Bengal off South Odisha - North Andhra Pradesh coasts and its movement across south Odisha, south Chhattisgarh and east Vidarbha during 26th – 28th September:** Under the influence of an upper air cyclonic circulation over eastcentral& adjoining northeast Bay of Bengal, a **Low Pressure Area** formed over central parts of north and adjoining central Bay of Bengal at 1730 hours IST of 25th September. It moved westwards and lay as a **Well-Marked Low Pressure Area** over northwest & adjoining central Bay of Bengal at 0530 hrs IST of 26th September. It moved west-northwestwards, concentrated into a **Depression** and lay cantered at 1730 hrs IST of 26th September over northwest & adjoining westcentral Bay of Bengal off South Odisha - North Andhra Pradesh coasts near latitude 19.3°N and longitude 86.1°E. Moving nearly westwards, it crossed south Odisha coast near latitude 19.3°N and longitude 85.0°E close to Gopalpur around 0430 hrs IST of 27th September and lay centred at 0530 hrs IST of 27th September, over south coastal Odisha, near latitude 19.3°N and longitude 84.8°E. It weakened into a **Well-Marked Low Pressure Area** over West Vidarbha & adjoining north Madhya Maharashtra at 0830 hours IST of 28th September; lay over Gulf of Cambay &neighbourhood at 0530 hours IST of 29th September; lay over Gulf of Kutch &neighbourhood at 0830 hours IST of 30th September; lay over northeast Arabian Sea & adjoining Saurashtra coast at 0830 hours

IST of 01st October. Moving nearly westwards, it concentrated into a **Depression** and lay centered at 1730 hours IST of 01st October over northeast Arabian Sea near latitude 22.0ºN and longitude 68.3ºE. It caused **extremely heavy rainfall** at isolated places over Konkan & Goa, Gujarat Region, Saurashtra & Kutch on 29th September. **Very heavy rainfall** was recorded at isolated places over Odisha on 27th& 29th September, Jharkhand, Telangana, Rayalaseema on 27th September, Marathawada on 27th& 28th September, Madhya Maharashtra on 28th& 29th September, Konkan & Goa, Gujarat Region on 28th September, East Rajasthan on 1st October.

- **Formation of a Deep Depression over westcentral& adjoining northwest Bay of Bengal on 01st October:** Under the influence of an upper air cyclonic circulation over east central Bay of Bengal & neighbourhood, a **Low Pressure Area** formed over westcentral Bay of Bengal at 1730 hrs IST of 30th September. It lay as a **Well-Marked Low Pressure Area** over the same region at 0530 hrs IST of 01st October. Moving north-northwestwards, it concentrated into a **Depression** and lay centered at 1130 hrs IST of 01st October over westcentral Bay of Bengal near latitude 15.8°N and longitude 86.5°E. Moving north-northwestwards, it intensified into a **Deep Depression** and lay centered at 2330 hrs IST of 01st October over westcentral& adjoining northwest Bay of Bengal near latitude 16.8ºN and longitude 86.0ºE.
- **Very heavy rainfall** was also recorded at isolated places over Chhattisgarh on 25th September, Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe on 26th September, Assam & Meghalaya on 27th September & 1st October, Coastal Karnataka on 29th September, Nagaland, Manipur, Mizoram & Tripura, Sub-Himalayan West Bengal, West Uttar Pradesh on 1st October.
- **Heavy rainfall** was recorded at isolated places over Odisha, Bihar on 25th& 28th September, Vidarbha during 25th – 28th September, Nagaland, Manipur, Mizoram & Tripura on 25th& 29th September, Sub-Himalayan West Bengal & Sikkim, Tripura on 25th September, Andaman & Nicobar Islands on 26th September & 29th September – 1st October, East Madhya Pradesh on 26th September & 1st October, Gangetic West Bengal on 27th September & 1st October, Konkan & Goa on 27th& 29th September, Coastal Andhra Pradesh & Yanam on 27th, 28th& 30th September, Kerala & Mahe during 27th – 29th September, Chhattisgarh, Madhya Maharashtra, North Interior Karnataka, Tamil Nadu, Puducherry & Karaikal on 27th September, West Madhya Pradesh on 28th& 29th September & 1st October, Coastal Karnataka on 28th September & 1st October, Assam & Meghalaya, Telangana on 28th September, Uttarakhand, South Interior Karnataka on 29th September, West Rajasthan on 30th September & 1st October, East Rajasthan on 30th September, Arunachal Pradesh, Jharkhand, Delhi on 1st October.
- **Weekly Average Maximum temperature** was above normal by 2-4ºC over parts of north, east & northeast India, below normal by 2-4ºC over parts of west and south peninsular India, and nearly normal over rest parts of the country during the week. **Weekly Average Minimum temperature** was above normal by 1-3ºC over parts of north, northwest, east and northeast India, and nearly normal over the entire country during the week.
- **Temperature Scenario:** The lowest minimum temperature of **17.0ºC** had been recorded at **Jeur (Maharashtra)** on **17thSeptember,2025** and the highest maximum temperature of

39.8°C had been recorded at **Jaisalmer (Rajasthan) on 28th September,2025** over the plains of the country during the week.

- **Analysis of weekly overall rainfall distribution during the week-ending on 01st October and the Monsoon Season's Rainfall Scenario (01.06.2025 to30.09.2025):** The country as a whole, the weekly cumulative All India Rainfall (ending on 01st October) in % departure from its long period average (LPA) is 28%. All India Seasonal cumulative rainfall % departure during this year's Monsoon Season Rainfall (01st June to 30th 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 I & II,** respectively.

Table 1: Rainfall status (Week and season)

Region	Week			Season		
	25.09.2025 TO 01.10.2025			01.06.2025 TO 30.09.2025		
	Actual (mm)	Normal (mm)	Departure (%)	Actual (mm)	Normal (mm)	Departure (%)
EAST & NORTHEAST INDIA	**26.3**	**55.7**	**-53%**	**1089.9**	**1367.3**	**-20%**
NORTHWEST INDIA	**8.2**	**11.3**	**-28%**	**747.9**	**587.6**	**+27%**
CENTRAL INDIA	**63.0**	**26.0**	**+142%**	**1125.3**	**978.0**	**+15%**
SOUTH PENINSULA	**46.8**	**39.6**	**+18%**	**787.4**	**716.2**	**+10%**
THE COUNTRY AS A WHOLE	**37.1**	**28.9**	**+28%**	**937.2**	**868.6**	**+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 2 with an amplitude of greater than 1. It is likely to remain in phase 2 with amplitude becoming less than 1, during the first half of week 1. During the second half of week 1, it is likely to migrate to phase 1, with amplitude remaining less than 1. It is likely to enter phase 8 at the start of week 2, with amplitude becoming greater than 1. During the Week 2, it is likely to remain in phase 8 for most days of the week 2 with amplitude remaining

greater than 1. By the end of the week 2, it is likely to move to phase 1 with the amplitude remaining greater than 1.

3. Forecast for the next two weeks

Weather systems & associated Precipitation during Week 1 (02 to 08 October, 2025) and Week 2 (09 to 15 October, 2025)

Weather systems & associated Precipitation during Week 1 (02 to 08 October, 2025):

Weather systems:

- A **deep depression** lay over west central & adjoining northwest Bay of Bengal at 0830 hrs IST of today. It is very likely to continue to move north-northwestwards and cross Odisha and adjoining Andhra Pradesh coasts between Gopalpur and Paradip by night of 2nd October.
- A **depression** lay over northeast Arabian Sea at 0830 hrs IST of today. It is likely to move southwestwards towards northwest Arabian Sea during next 3 days.
- An **upper air cyclonic circulation** lies over central Uttar Pradesh & neighbourhood in lower tropospheric levels.
- An **upper air cyclonic circulation** lies over northwest Rajasthan & neighbourhood at lower tropospheric lower tropospheric level.
- An **upper air cyclonic circulation** lies over Arunachal Pradesh & neighbourhood at lower tropospheric level.
- A fresh **Western Disturbance** is likely to affect northwest India from 04th October 2025. High moisture feeding is likely from Arabian sea as well as Bay of Bengal to northwest India at lower tropospheric levels majorly during 05th to 07th October, 2025. Due to this system along with confluence of winds and high moisture, there is possibility of heavy to very heavy precipitation with hailstorm over northwest India during the same period with peak intensity on 06th October, 2025.

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

East & Central India:

- **Isolated extremely heavy rainfall (≥21 cm) likely over** Chhattisgarh & Odisha on 02nd, Bihar on 03rd & 04th October.
- Light to moderate rain/thunderstorm at most/many places with isolated **heavy rainfall** likely over Vidarbha on 02nd; East Madhya Pradesh & Chhattisgarh during 02nd -04th; Sub-Himalayan West Bengal & Sikkim during 02nd -06th; Gangetic West Bengal, Jharkhand during 02nd -05th; Bihar during 02nd -07th; Odisha on 02nd & 03rd October with isolated very heavy rainfall over Gangetic West Bengal, Odisha, Jharkhand and Chhattisgarh on 02nd& 03rd;East Madhya Pradesh on 03rd; Sub-Himalayan West Bengal & Sikkim during 3rd -05th; Bihar during 02nd -05thOctober.

Northeast India: Light/moderate rain/thunderstorm at many/some places with isolated **heavy rainfall** likely over Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura during the week except on 05th & 06th; Assam & Meghalaya during the week except on 06th& 07th with **very heavy rainfall** over Assam & Meghalaya on 03rdOctober**.**

South Peninsular India:

- **Isolated extremely heavy rainfall (≥21 cm) likely** over Coastal Andhra Pradesh & Yanam on 02ndOctober.
- Light to moderate rain/thunderstorm at many/some places with isolated **heavy rainfall** likely over Tamil Nadu during 02nd-05th, Coastal Andhra Pradesh & Yanam on 02nd& 03rdand **heavy to very heavy rainfall** over Coastal Andhra Pradesh & Yanam on 02nd October.
- Hot & Humid conditions likely to prevail over Tamil Nadu on 02nd October.

Northwest India:

- **Isolated extremely heavy rainfall (≥21 cm) likely over** East Uttar Pradesh on 04th October.
- Isolated to scattered rainfall very likely over Northwest India during 02nd- 04th and increase thereafter with fairly widespread to widespread rainfall accompanied with thunderstorm & lightning during 05th- 08th October.
- isolated **heavy rainfall** likely over Jammu-Kashmir-Ladakh, Himachal Pradesh, Punjab during 05th -07th; east Uttarakhand on 02nd, 06th & 07th; West Uttar Pradesh, Haryana Chandigarh & Delhi on 06th & 07th; East Uttar Pradesh during 02nd -05th; West Rajasthan on 05th& 06th; East Rajasthan on 06th October with **very heavy rainfall** over Jammu-Kashmir, Himachal Pradesh, Uttarakhand, Punjab, Haryana Chandigarh & Delhi on 06th; East Uttar Pradesh during 03rd- 05th October.
- Isolated **hailstorm** activity is also likely over Jammu-Kashmir, Himachal Pradesh, Uttarakhand, Punjab on 05th & 06th; West Uttar Pradesh, Haryana Chandigarh & Delhi on 06th October.

West India: Light to moderate rain/thunderstorm at most/many places with **heavy rainfall** likely over Saurashtra & Kutch on 02nd October.

Overall, during the week,

(i) Under the influence of deep depression over west central & adjoining northwest Bay of Bengal, heavy to very heavy rainfall at many places with extremely heavy rainfall at isolated places likely over south Chhattisgarh, Odisha & north Coastal Andhra Pradesh today, the 02nd October and over Bihar on 03rd & 04th October.

(ii) A fresh intense western disturbance is likely cause heavy to very heavy rainfall spell over Northwest India during 05th-07th October with peak intensity on 06th October.

(iii) Conditions are not favourable for further withdrawal of southwest monsoon from remaining parts of the country during the week (Annexure III).

Precipitation for week 2 (09 to 15 October, 2025):

- Under the influence of likely formation of low pressure area, fairly widespread to widespread rainfall with isolated heavy to very heavy falls likely over most parts of east & northeast India mainly during 1st half of the week.
- Overall, rainfall activity is likely to be above normal over east & northeast India and Chhattisgarh; and below normal over remaining parts of the country during the week. **(Annexure IV)**
- **Conditions are likely to become favourable for further withdrawal of southwest monsoon from remaining parts of Gujarat, Madhya Pradesh and Uttar Pradesh; some parts of Maharashtra and east India during the week.**

Temperature forecast for Week 1 (02 to 08 October, 2025) and Week 2 (09 to 15 October, 2025)

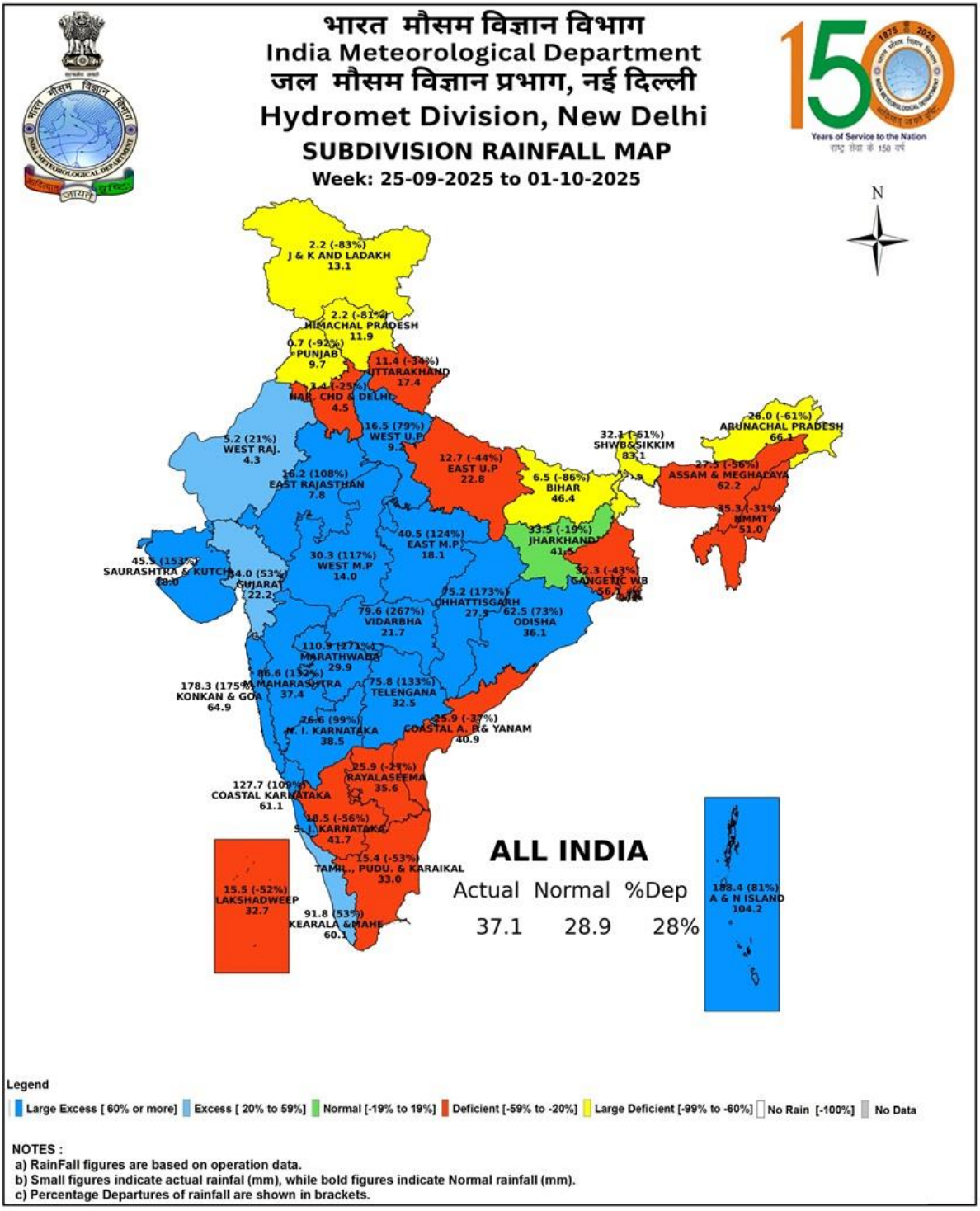
Temperature forecast for Week 1 (02 to 08 October, 2025):

- **Maximum Temperature Departures (as on 01-10-2025):** appreciably above normal(3.1°C to 5.0°C) at few places over Jharkhand and Chhattisgarh; at isolated places over Vidarbha and Tamil Nadu, Puducherry & Karaikal; above normal (1.6°C to 3.0°C) at many places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad; at few places over Bihar, Uttarakhand and Himachal Pradesh; at isolated places over Gangetic West Bengal, Odisha, East Uttar Pradesh, Haryana-Chandigarh-Delhi, Punjab and Kerala & Mahe. These are near normal or below normal over rest parts of the country. The highest maximum temperature of 39.0°C was reported at MADURAI (A) (TAMIL NADU).
- Overall, maximum temperatures are likely to be near normal or below normal over most parts of the country during the week **(Annexure V).**

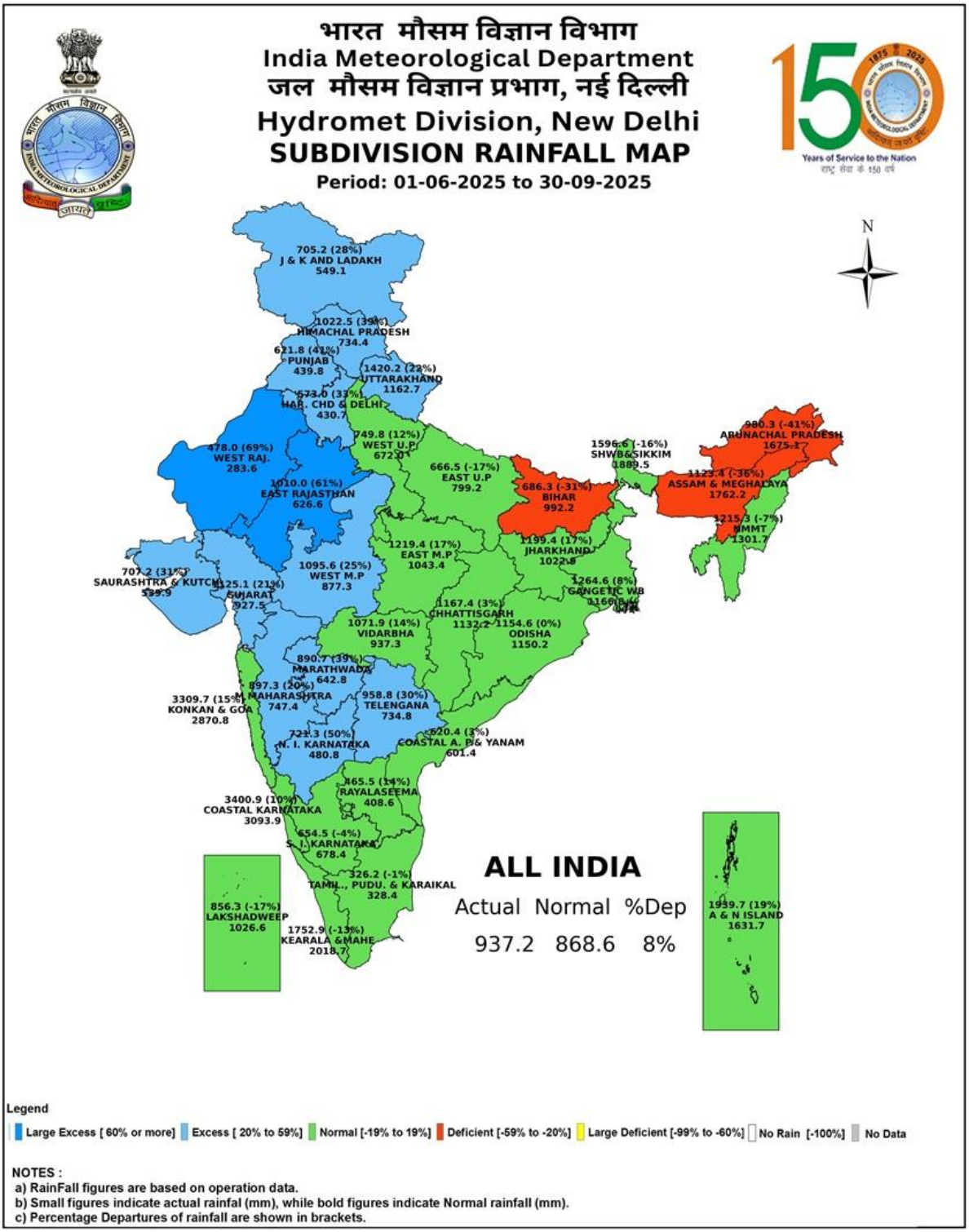
Temperature forecast for Week 2 (09 to 15 October, 2025):

- Maximum temperatures are likely to be near normal or below normal over most parts of the country except Western Himalayan Region, where these are likely to be above normal by 2-3°C during the week **(Annexure V).**

Annexure I


भारत मौसम विज्ञान विभाग
India Meteorological Department
जल मौसम विज्ञान प्रभाग, नई दिल्ली
Hydromet Division, New Delhi
SUBDIVISION RAINFALL MAP
Week: 25-09-2025 to 01-10-2025
150
Years of Service to the Nation
राष्ट्र सेवा के 150 वर्ष
N
2.2 (-83%)
J & K AND LADAKH
13.1
2.2 (-81%)
HIMACHAL PRADESH
11.9
0.7 (-92%)
PUNJAB
9.7
11.4 (-34%)
UTTARAKHAND
17.4
2.1 (-25%)
HAR. CHD & DELHI
4.5
5.2 (21%)
WEST RAJ.
4.3
16.5 (79%)
WEST U.P
9.2
12.7 (-44%)
EAST U.P
22.8
16.2 (108%)
EAST RAJASTHAN
7.8
6.5 (-86%)
BIHAR
46.4
32.1 (-61%)
SHWB&SIKKIM
83.1
26.0 (-61%)
ARUNACHAL PRADESH
66.1
27.5 (-56%)
ASSAM & MEGHALAYA
62.2
25.3 (-31%)
NMMT
51.0
40.5 (124%)
EAST M.P
18.1
33.5 (-19%)
JHARKHAND
41.5
30.3 (117%)
WEST M.P
14.0
45.5 (153%)
SAURASHTRA & KUTCH
34.0 (53%)
GUJARAT
22.2
32.3 (-43%)
GANGETIC WB
56.7
75.2 (173%)
CHHATTISGARH
27.5
62.5 (73%)
ODISHA
36.1
79.6 (267%)
VIDARBHA
21.7
110.9 (271%)
MARATHWADA
29.9
86.6 (132%)
MAHARASHTRA
37.4
178.3 (175%)
KONKAN & GOA
64.9
75.8 (133%)
TELENGANA
32.5
76.6 (99%)
N. I. KARNATAKA
38.5
25.9 (-37%)
COASTAL A. P& YANAM
40.9
25.9 (-27%)
RAYALASEEMA
35.6
127.7 (109%)
COASTAL KARNATAKA
61.1
18.5 (-56%)
S. I. KARNATAKA
41.7
15.4 (-53%)
TAMIL., PUDU. & KARAIKAL
33.0
15.5 (-52%)
LAKSHADWEEP
32.7
91.8 (53%)
KEARALA &MAHE
60.1
ALL INDIA
Actual Normal %Dep
37.1 28.9 28%
188.4 (81%)
A & N ISLAND
104.2
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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India Meteorological Department
जल मौसम विज्ञान प्रभाग, नई दिल्ली
Hydromet Division, New Delhi
SUBDIVISION RAINFALL MAP
Period: 01-06-2025 to 30-09-2025
Years of Service to the Nation
राष्ट्र सेवा के 150 वर्ष
N
705.2 (28%)
J & K AND LADAKH
549.1
1022.5 (39%)
HIMACHAL PRADESH
734.4
621.8 (41%)
PUNJAB
439.8
1420.2 (22%)
UTTARAKHAND
1162.7
573.0 (33%)
HAR. CHD & DELHI
430.7
749.8 (12%)
WEST U.P.
672.0
478.0 (69%)
WEST RAJ.
283.6
666.5 (-17%)
EAST U.P
799.2
1596.6 (-16%)
SHWB&SIKKIM
1889.5
980.3 (-41%)
ARUNACHAL PRADESH
1675.1
1123.4 (-36%)
ASSAM & MEGHALAYA
1762.2
1010.0 (61%)
EAST RAJASTHAN
626.6
686.3 (-31%)
BIHAR
992.2
1215.3 (-7%)
NMMT
1301.7
1199.4 (17%)
JHARKHAND
1022.8
1219.4 (17%)
EAST M.P
1043.4
1095.6 (25%)
WEST M.P
877.3
707.2 (31%)
SAURASHTRA & KUTCH
539.9
525.1 (21%)
GUJARAT
927.5
1264.6 (8%)
GANGETIC WB
1166.8
1167.4 (3%)
CHHATTISGARH
1132.2
1154.6 (0%)
ODISHA
1150.2
1071.9 (14%)
VIDARBHA
937.3
890.7 (39%)
MARATHWADA
642.8
897.3 (30%)
MAHARASHTRA
747.4
3309.7 (15%)
KONKAN & GOA
2870.8
958.8 (30%)
TELENGANA
734.8
721.3 (50%)
N. I. KARNATAKA
480.8
620.4 (3%)
COASTAL A. P& YANAM
601.4
465.5 (14%)
RAYALASEEMA
408.6
3400.9 (10%)
COASTAL KARNATAKA
3093.9
654.5 (-4%)
S. I. KARNATAKA
678.4
326.2 (-1%)
TAMIL., PUDU. & KARAIKAL
328.4
856.3 (-17%)
LAKSHADWEEP
1026.6
1752.9 (-13%)
KEARALA &MAHE
2018.7
ALL INDIA
Actual Normal %Dep
937.2 868.6 8%
1939.7 (19%)
A & N ISLAND
1631.7
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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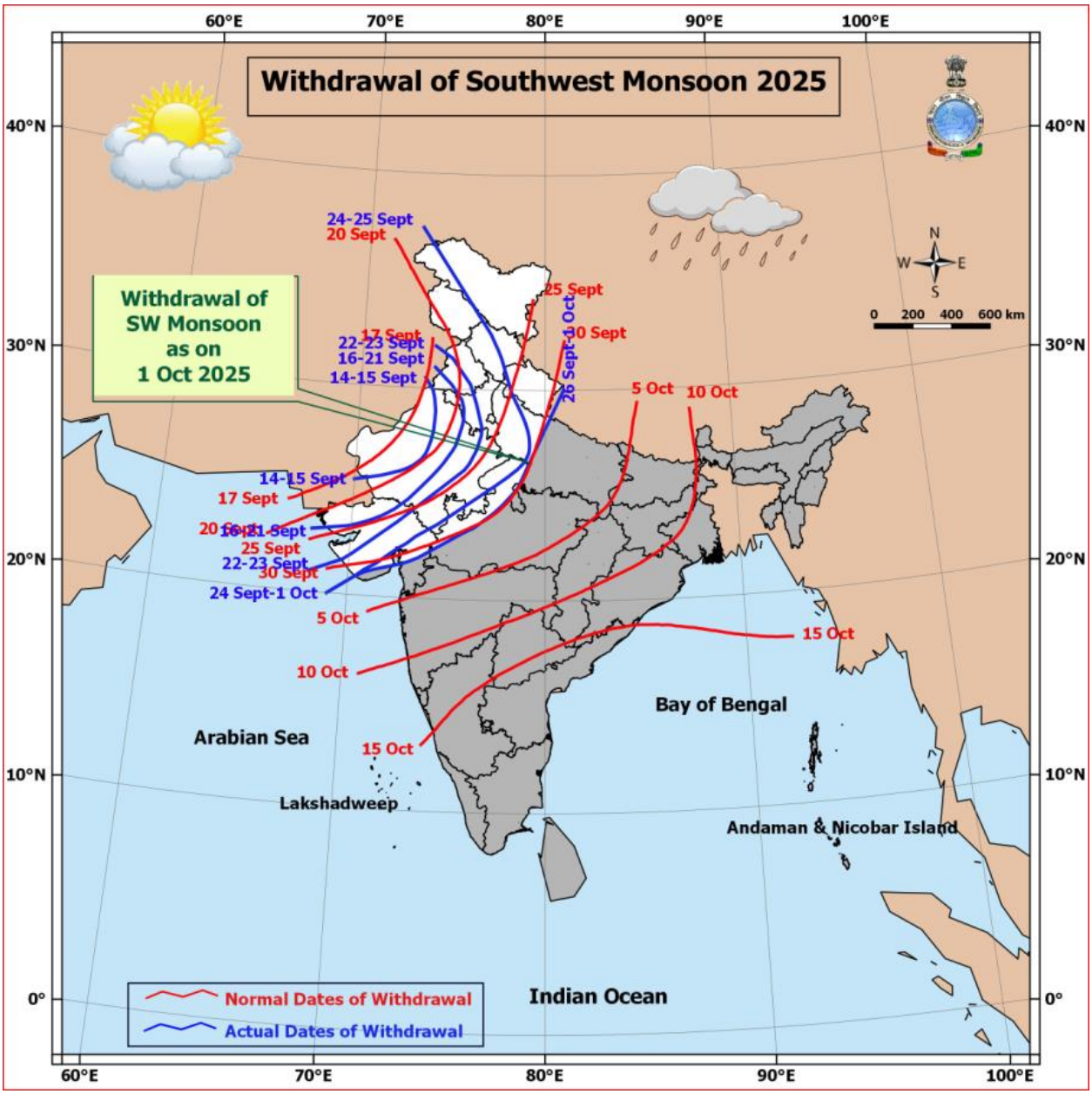
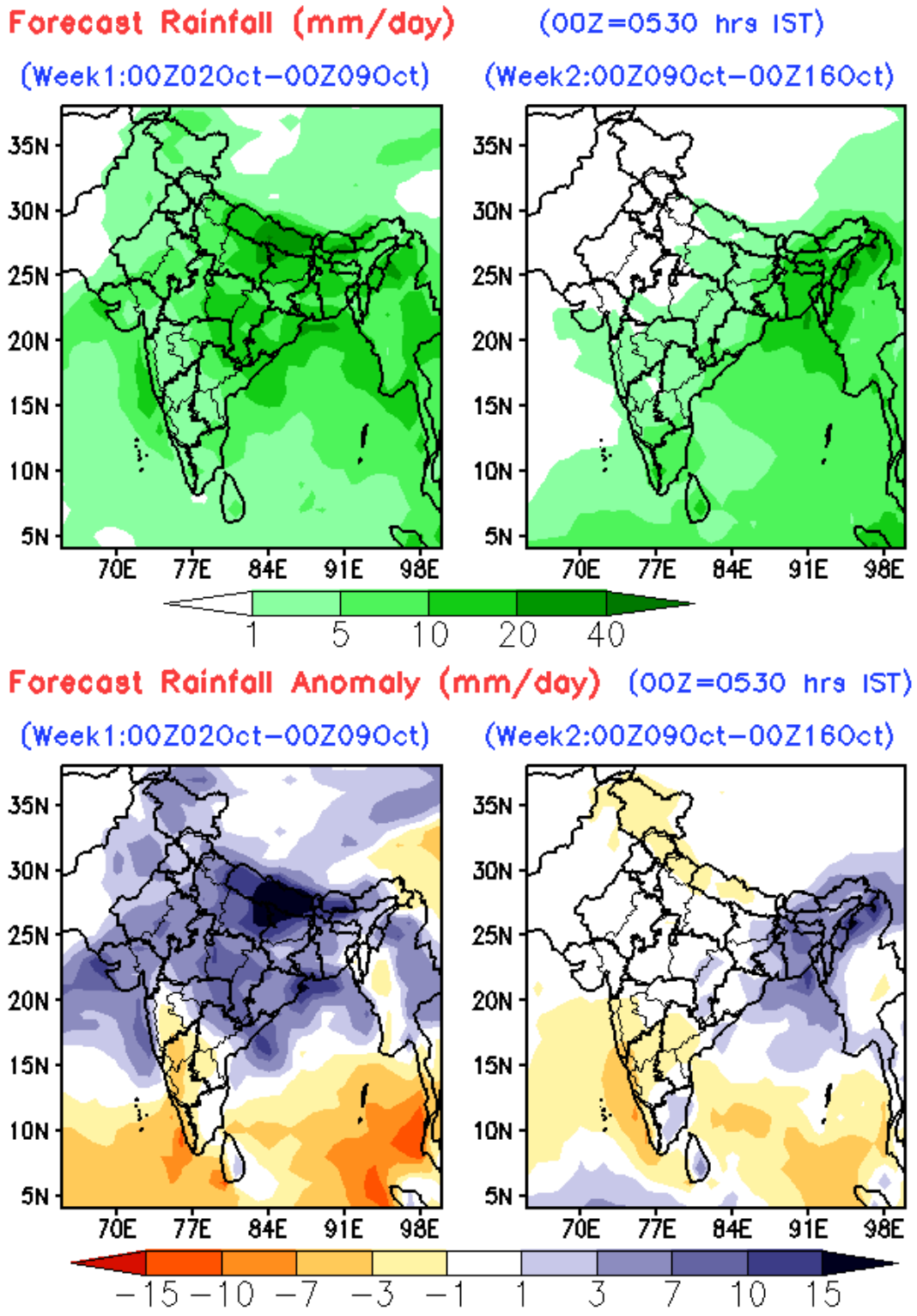
c) Percentage Departures of rainfall are shown in brackets.

Annexure III



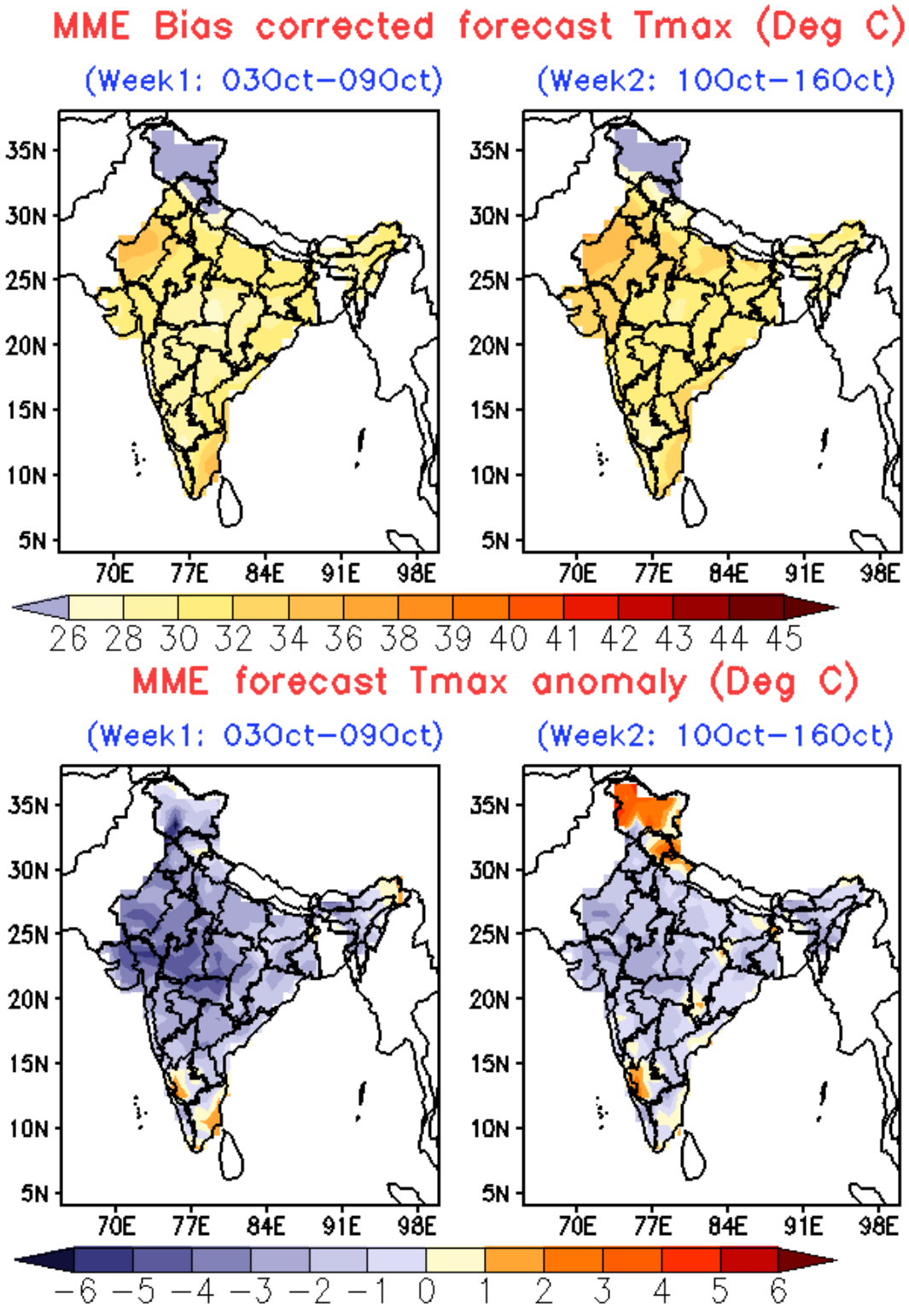
Withdrawal map of Southwest Monsoon, 2025

Annexure IV



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

Annexure V



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