Government of India

Earth System Science Organization

Ministry of Earth Sciences

India Meteorological Department

Press Release: Dated: 18 June 2026

Subject: Current Weather Status and Extended Range Forecast for the next two weeks (18 June to 01 July 2026)

1. Salient Observed Features for the week ending 17 June 2026:

- **Further Advance of Southwest Monsoon:** The southwest monsoon further advanced into some more parts of Karnataka, Telangana & Andhra Pradesh, remaining parts of Tamil Nadu & Puducherry, southwest Bay of Bengal, some more parts of westcentral & northwest Bay of Bengal and West Bengal, and some parts of Bihar on **11th June**; further advanced into entire northwest Bay of Bengal, some more parts of westcentral Bay of Bengal, West Bengal & Bihar, and some parts of Odisha & Jharkhand on **12th June**; further advanced into remaining parts of Andhra Pradesh, West Bengal & westcentral Bay of Bengal, some more parts of Telangana, Odisha, Jharkhand & Bihar on **15th June**.
- **Heavy to Very Heavy Rainfall** recorded at isolated places Sub-Himalayan West Bengal & Sikkim on 11th, 16th & 17th June, Coastal Andhra Pradesh & Yanam, Andaman & Nicobar Islands on 11th June, Kerala & Mahe on 12th & 17th June, Assam & Meghalaya on 13th, 15th & 17th June, South Interior Karnataka on 13th June, Bihar, Nagaland, Manipur, Mizoram & Tripura on 14th June, Arunachal Pradesh on 17th June. **Heavy rainfall** recorded at isolated places over Bihar on 11th, 12th, 15th & 16th June, East Uttar Pradesh on 11th & 14th June, Assam & Meghalaya on 11th, 12th & 14th June, Tamil Nadu, Puducherry & Karaikal during 11th – 13th & 15th June, Telangana on 11th, 13th & 14th June, Arunachal Pradesh on 11th June, Himachal Pradesh on 12th & 13th June, Gangetic West Bengal on 12th, 14th & 17th June, Sub-Himalayan West Bengal & Sikkim on 12th & 14th June, Odisha on 12th, 14th, 15th & 17th June, Jharkhand on 12th & 15th June, Nagaland, Manipur, Mizoram & Tripura on 12th, 13th, 16th & 17th June, Uttarakhand, West Uttar Pradesh, Andaman & Nicobar Islands on 12th June, Coastal Andhra Pradesh & Yanam on 13th, 15th & 16th June, Kerala & Mahe, Rayalaseema on 13th & 14th June, Coastal Karnataka on 15th June, East Rajasthan, West Madhya Pradesh on 17th June.
- **Hailstorm** recorded at isolated places over Haryana, Himachal Pradesh on 12th & 16th June, Jammu-Kashmir, Punjab, East Madhya Pradesh on 12th June, East Rajasthan on 13th & 14th June, Uttarakhand on 16th June.

- **In association with two successive Western Disturbances (11th – 14th June & 15th – 17th June), thunderstorm activity prevailed over plains of North India during the week. Thunderstorm accompanied with Squally/Gusty winds** prevailed at isolated places over Andaman & Nicobar Islands, Odisha, West Madhya Pradesh, East Madhya Pradesh during 11th – 17th June, Uttarakhand on 11th, 12th & 16th June, Punjab during 11th – 14th, 16th & 17th June, Haryana during 11th – 13th, 16th & 17th June, West Uttar Pradesh during 11th – 13th & 15th – 17th June, East Uttar Pradesh on 11th & 13th – 17th June, Nagaland, Manipur, Mizoram & Tripura on 11th June, Bihar on 11th, 14th & 16th June, Jharkhand on 11th, 12th & 14th – 17th June, Gangetic West Bengal on 11th, 12th, 14th & 16th June, Madhya Maharashtra, Gujarat Region, Saurashtra & Kutch during 11th – 16th June, Marathawada on 11th & 13th – 16th June, Tamil Nadu, Puducherry & Karaikal on 11th, 15th & 16th June, Himachal Pradesh on 12th & 13th June, West Rajasthan on 12th, 13th & 15th, 17th June, Konkan & Goa during 12th – 14th June, Vidarbha on 13th & 17th June, Chhattisgarh during 13th – 17th June, East Rajasthan during 13th – 15th & 17th June, Telangana, Rayalaseema, Coastal Andhra Pradesh & Yanam on 15th June, Sub-Himalayan West Bengal & Sikkim on 16th June.
- **Heatwave** conditions prevailed at isolated places over East Uttar Pradesh, Punjab on 11th June, Vidarbha on 12th, 13th & 17th June, Odisha on 17th June.
- **Weekly Average Maximum temperature** was below normal by 2-4°C over parts of north, northwest, west and adjoining central India during first half of the week. It was above normal by 2-4°C over parts of south peninsula, central and east India and nearly normal over remaining parts of the country during the week. **Weekly Average Minimum temperature** was below normal by 2-4°C over parts of north, northwest and adjoining central India during first half of the week, and nearly normal over remaining parts of the country during the week.
- **Temperature Scenario:** The lowest minimum temperature of **17.0°C** had been recorded at **Halflong (Assam)** on **14th June, 2026** and the highest maximum temperature of **46.0°C** had been recorded at **Jaisalmer (Rajasthan) on 11th & 12th June, 2026** over the plains of the country during the week.

- **Analysis of weekly overall rainfall distribution during the week ending on 17 June and the Monsoon Season's Rainfall Scenario (01.06.2026 to 17.06.2026):** The country as a whole, the weekly cumulative All India Rainfall (ending on 17 June) in % departure from its long period average (LPA) is -48%. All India Seasonal cumulative rainfall % departure during this year's Monsoon Season Rainfall (01.06.2026 to 17.06.2026) is -38%. Details of the rainfall distribution over the four broad geographical regions of India are provided in Table 1. Meteorological sub-division-wise rainfall for the week and season is presented in **Annexure II & III,** respectively.

Table 1: Rainfall status (Week and season)

Region	Week			Season		
	11.06.2026 TO 17.06.2026			01.06.2026 TO 17.06.2026		
	Actual (mm)	Normal (mm)	Departure (%)	Actual (mm)	Normal (mm)	Departure (%)
EAST & NORTHEAST INDIA	39.8	75.2	-47%	89.2	159	-44%
NORTHWEST INDIA	18.5	16	15%	31.7	30.8	3%
CENTRAL INDIA	10.4	40.4	-74%	25.1	66.8	-62%
SOUTH PENINSULA	24.5	42.2	-42%	70.2	86.5	-19%
THE COUNTRY AS A WHOLE	**20.3**	**38.8**	**-48%**	**46.2**	**74.3**	**-38%**

2. Large-scale features:

- Currently, El Niño conditions are present over the equatorial Pacific Ocean and are expected to strengthen further during the Southwest Monsoon season. The atmosphere has responded to the warming sea surface temperatures, and the coupled ocean–atmosphere system now exhibits characteristics consistent with El Niño conditions. Forecasts from the Monsoon Mission Coupled Forecast System (MMCFS) indicate a further strengthening of El Niño conditions during the 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 neutral IOD conditions are likely to persist through the Southwest Monsoon season.
- Madden-Julian Oscillation (MJO) index is currently in phase 2 with amplitude close to zero. It is likely to move rapidly across phases 2, 3, 4 & 5 during week 1 with increasing trend in amplitude during week 1. Thereafter, it will enter into phase 6 with amplitude becoming close to 1 and continue in same phase during the remaining period.

3. Forecast for the next two weeks

Weather systems & associated Precipitation during Week 1 (18 to 24 June 2026) and Week 2 (25 June to 01 July 2026)

Weather systems & associated Precipitation during Week 1 (18 to 24 June 2026):

Advance of Southwest Monsoon 2026 (Annexure-I):

- **The Northern Limit of Monsoon** continues to pass through 18°N/60°E, 18°N/65°E, 18°N/70°E, Harnai, Solapur, Hyderabad, Bhadrachalam, Koraput, Phulbani, Ranchi, Jamui, Muzaffarpur and 28.3°N/83°E.
- **Conditions are favourable** for further advance of southwest monsoon into some more parts of Telangana, Odisha, Jharkhand & Bihar, and some parts of Chhattisgarh during next 4-5 days.

Weather systems during week 1:

- Easterly to northeasterly wind anomalies over most parts of the Bay of Bengal and northeasterly to northerly wind anomalies over the Arabian Sea are likely in Week 1, indicating a weaker-than-normal cross-equatorial flow.
- A ridge is likely to extend from north Gujarat to coastal Odisha across Madhya Pradesh and Chhattisgarh in Week 1.
- A trough in the lower-tropospheric westerlies is likely to extend from north Bihar to the north Bay of Bengal in Week 1.
- A western disturbance is likely to affect the western Himalayan region and adjoining northwest plains in Week 1.
- An east-west shear zone is likely to extend from the west-central Bay of Bengal off the Andhra Pradesh coast to the Myanmar coast across the central Bay of Bengal in Week 1.
- An upper-air cyclonic circulation is likely to develop over the east-central Bay of Bengal during the latter half of Week 1.
- An upper-air cyclonic circulation is likely to develop over the northwest Bay of Bengal off the south Odisha coast towards the end of Week 1.
- An upper-air cyclonic circulation is likely to develop over the northeast Arabian Sea during the latter half of Week 1.
- **Overall, weaker southwest monsoon conditions are likely to prevail over the country during Week 1.**

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

- Light to moderate rainfall at isolated to scattered places is likely over Northwest India during the week, with fairly widespread to widespread rainfall likely over the Western Himalayan Region on some days. Thunderstorms, lightning and gusty winds are likely over the region, with isolated thundersquall and duststorm activity over Rajasthan during the early part of the week.
- Light to moderate rainfall at isolated to scattered places is likely over Central India during the week, accompanied by thunderstorms, lightning and gusty winds at isolated places.
- Fairly widespread to widespread rainfall is likely over Northeast India and Sub-Himalayan West Bengal & Sikkim during most days of the week. Isolated heavy to very heavy rainfall is likely over Arunachal Pradesh, Assam & Meghalaya,

Nagaland-Manipur-Mizoram-Tripura and Sub-Himalayan West Bengal & Sikkim on many days of the week.

- Light to moderate rainfall at isolated to scattered places is likely over East India during the week, with isolated heavy rainfall likely over Bihar and Sub-Himalayan West Bengal & Sikkim. Thunderstorms, lightning and isolated thundersquall activity are also likely over parts of the region.
- Widespread rainfall with isolated heavy to very heavy falls is likely over the west coast (Konkan & Goa, Coastal Karnataka and Kerala) during several days of the week. Scattered to fairly widespread rainfall with isolated heavy falls is also likely over adjoining interior parts of Peninsular India.
- Scattered to fairly widespread rainfall is likely over the remaining parts of South Peninsular India during the week, accompanied by thunderstorms, lightning and gusty winds at isolated places.
- **Overall, rainfall activity is likely to remain below normal over most parts of the country except some parts of south peninsular India and north-east India where it will be near normal during the week (Annexure III).**

Weather systems & associated Precipitation during Week 2 (25 June to 01 July 2026):

- **Conditions will become favorable for further advance of the southwest monsoon into the remaining parts of the central Arabian Sea, Maharashtra, Odisha, Jharkhand, Bihar, some parts of the north Arabian Sea, Gujarat, Madhya Pradesh, & Uttar Pradesh during the week.**
- The seasonal trough is likely to remain near its normal position, with the eastern end likely to shift southward during the latter half of Week 2.
- The low-level Somali Jet is likely to strengthen in Week 2, leading to an enhancement of the cross-equatorial flow over the southern Arabian Sea.
- Westerlies are likely to dominate the lower tropospheric levels over Central and Peninsular India in Week 2.
- A trough in the lower-tropospheric westerlies is likely to extend from north Bihar to the north Bay of Bengal in Week 2.
- An upper-air cyclonic circulation is likely to develop in the middle tropospheric levels over the central Arabian Sea in Week 2.
- An east-west shear zone is likely to extend from the cyclonic circulation over the central Arabian Sea to the east-central Bay of Bengal across the west-central Bay of Bengal in Week 2.
- The Tropical Easterly Jet is likely to prevail over South Peninsular India in Week 2.
- The Tibetan Anticyclone is likely to become more pronounced in Week 2 and remain positioned south of its normal location over west Assam and the neighborhood, with the ridge likely to run around 27°N.

- An anomalous upper-air cyclonic circulation is likely to develop over Comorin and adjoining Peninsular India in Week 2.
- An upper-air cyclonic circulation is likely to develop over the northeast Bay of Bengal in Week 2.
- **Overall, the conditions are likely to become favorable for further advance of the Southwest Monsoon during week 2.**

Under the influence of the above system:

- Light rainfall at isolated to scattered places is likely over the Western Himalayan Region (WHR) during many days of the week.
- Light/moderate scattered to fairly widespread rainfall is likely over Northeast India during the week.
- Isolated heavy to very heavy falls likely over Arunachal Pradesh, Assam & Meghalaya, and Sub-Himalayan West Bengal, on many days of the week.
- Widespread rainfall with isolated heavy to very heavy falls likely over coastal areas of Konkan & Goa, Coastal Karnataka, and Kerala during many days of the week. Scattered to fairly widespread rainfall with isolated heavy falls also likely over remaining parts of Peninsular India during some days of the week.
- **Overall, rainfall is likely to be below normal over the entire country except Konkan & Goa, Karnataka, Rayalaseema, Kerala, and Tamil Nadu, where it will be near normal to above normal during the week (Annexure III).**

Temperature forecast for Week 1 (18 to 24 June 2026) and Week 2 (25 June to 01 July 2026)

Temperature forecast for Week 1 (18 to 24 June, 2026):

- Gradual rise in maximum temperatures by 2-3°C likely over Northwest India till 18th June and no significant change thereafter.
- Gradual rise in maximum temperatures by 2-3°C likely over Central India till 20th June and no significant change thereafter.
- No significant change in maximum temperatures likely over East India till 18th June, gradual fall by 2-3°C till 20th June and no significant change thereafter.
- No significant change in maximum temperatures likely over the rest parts of country till 24th June, 2026.

Heat Wave, Hot & Humid weather conditions warning:

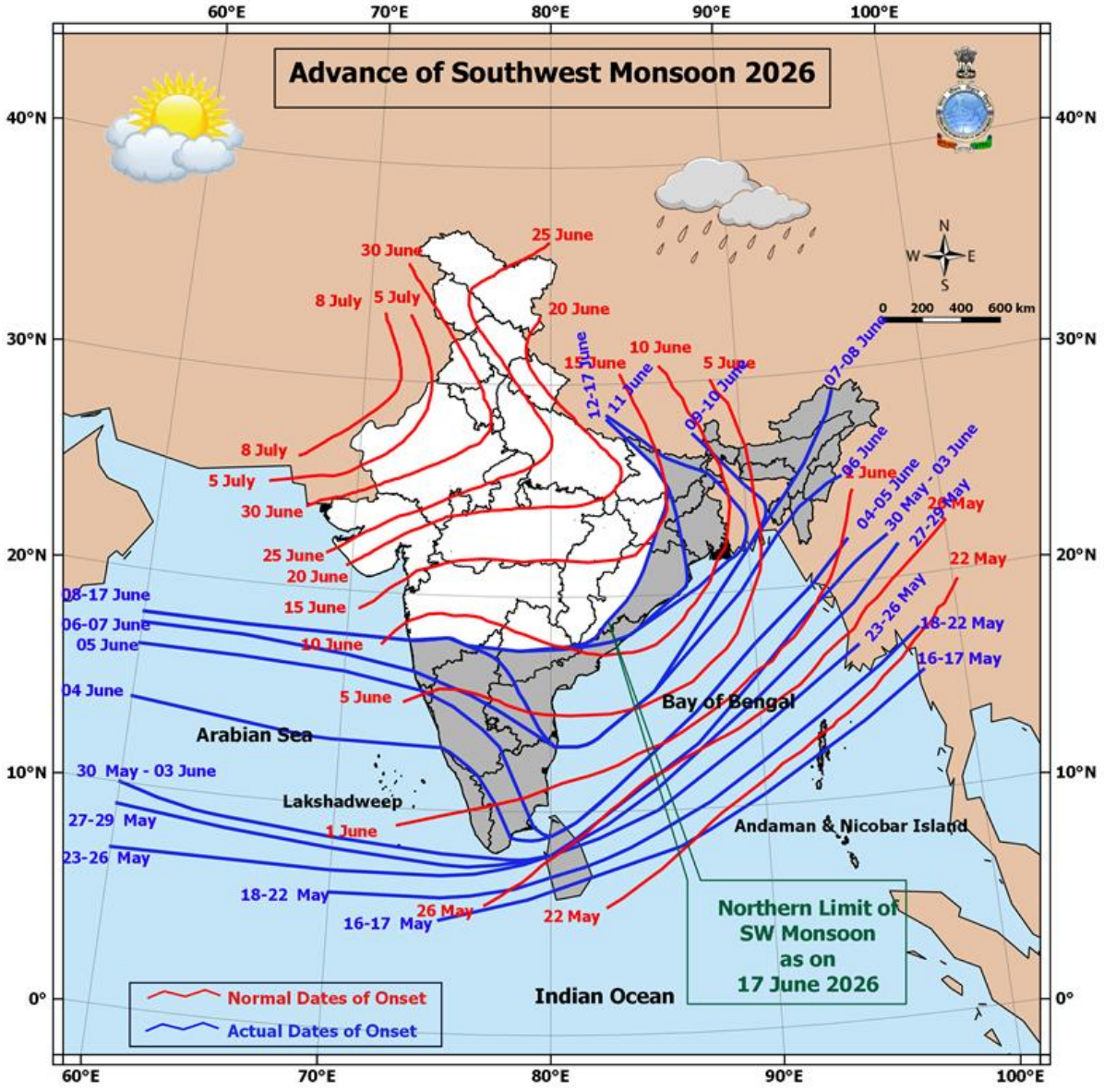
- **Heat wave** conditions very likely in isolated pockets over Bihar, Coastal Andhra Pradesh & Yanam and Odisha on 18th June; East Uttar Pradesh during 18th-24th June; Madhya Maharashtra, Marathawada, Telangana and Vidarbha during 18th-20th June; West Uttar Pradesh during 19th-24th June.
- **Hot and humid** weather conditions likely to prevail over Gangetic West Bengal during 18th-19th June; Odisha during 18th-20th June; Konkan & Goa during

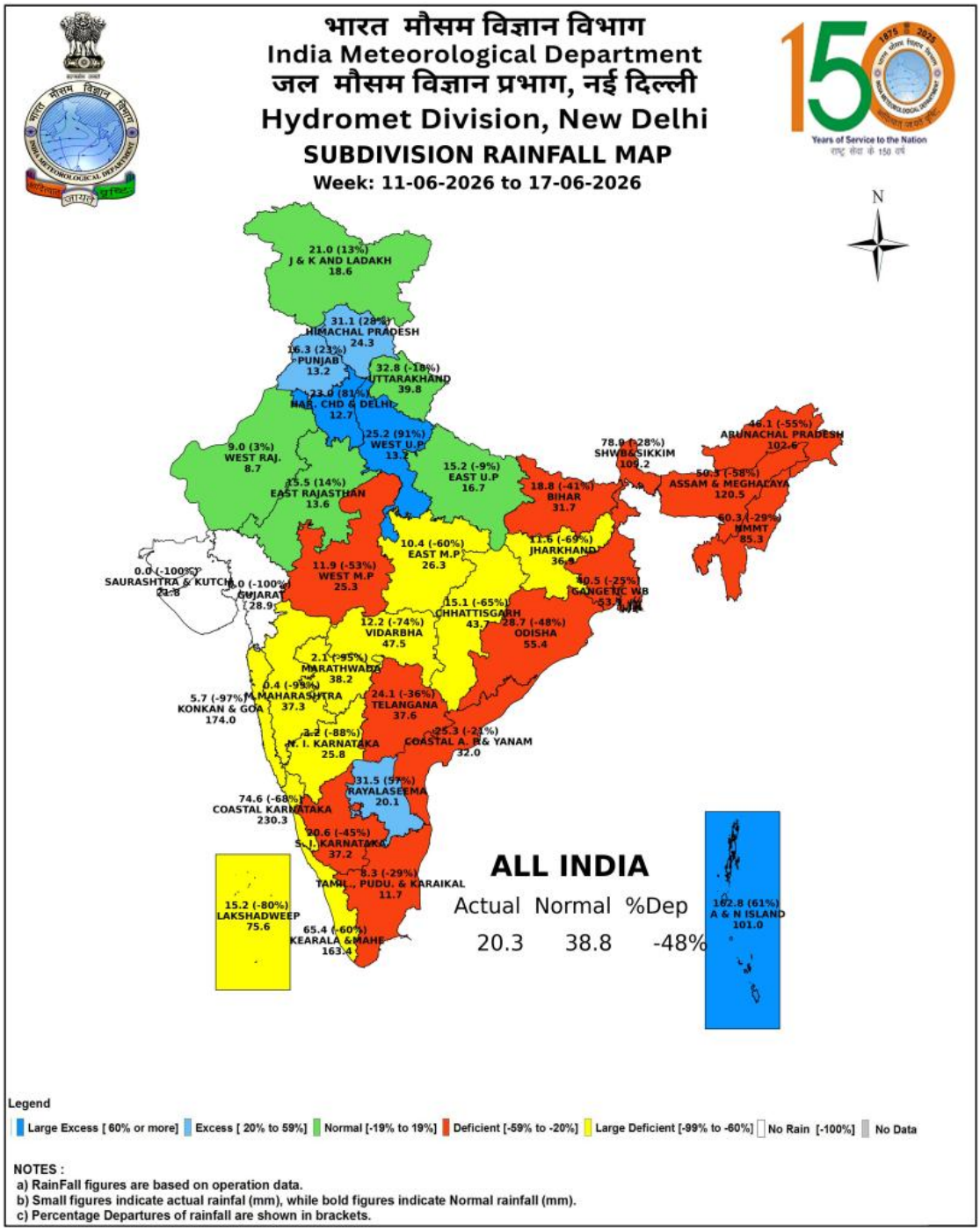
18th-21st June; Coastal Andhra Pradesh & Yanam and Rayalaseema during 19th-20th June.

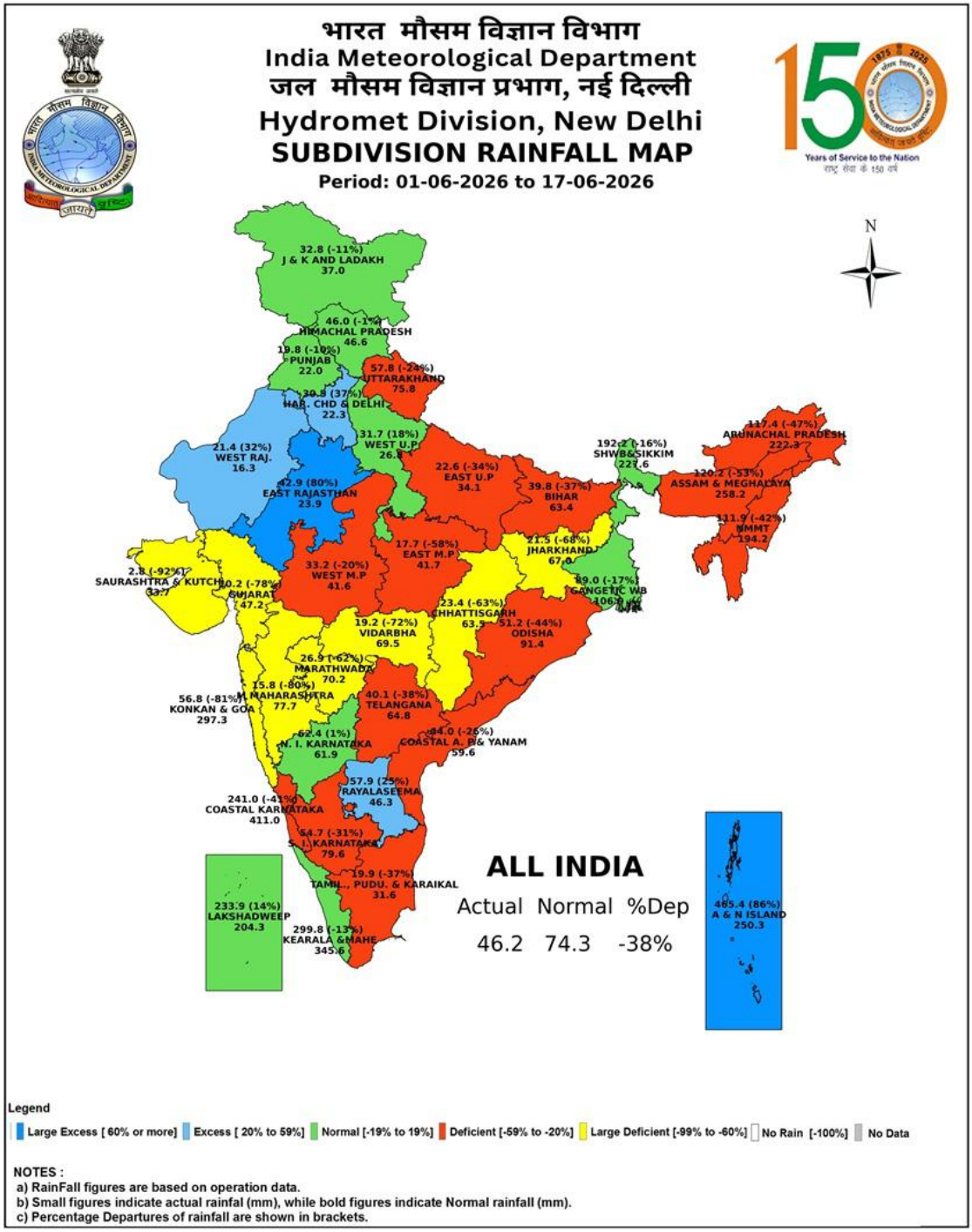
Temperature forecast for Week 2 (25 June to 01 July 2026):

- **Low probability of Heatwave conditions** likely over parts of northwest India (Rajasthan, Punjab, Haryana & Uttar Pradesh), and central India (Vidarbha and adjoining regions of North Telangana) on some days of week 2.
- Above normal **(+1.6 to +3.0°C)** maximum temperatures are likely over many parts of the plains of northwest India, central India, north peninsular India, and East India. Near-normal weekly maximum temperatures **(-1.5 to +1.5°C)** are likely across the rest of the country during week 2.
- No Warm Night conditions likely during Week 2. However, minimum temperatures are likely to be above normal **(+1.6 to +3.0°C)** over parts of northwest India (Punjab, Haryana, Rajasthan, & Uttar Pradesh), adjoining Central India (Vidarbha, Marathwada, Madhya Pradesh), and East India (Bihar, Jharkhand, and Chhattisgarh), and near Normal **(-1.5 to +1.5°C)** across the rest of the country.

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


Advance of Southwest Monsoon 2026
60°E
70°E
80°E
90°E
100°E
40°N
30°N
20°N
10°N
0°
N
W
E
S
0 200 400 600 km
25 June
30 June
8 July
5 July
20 June
15 June
10 June
5 June
12-17 June
11 June
09-10 June
07-08 June
06 June
04-05 June
30 May - 03 June
27-29 May
23-26 May
22 May
18-22 May
16-17 May
8 July
5 July
30 June
25 June
20 June
15 June
10 June
5 June
08-17 June
06-07 June
05 June
04 June
30 May - 03 June
27-29 May
23-26 May
18-22 May
16-17 May
26 May
1 June
22 May
Arabian Sea
Bay of Bengal
Lakshadweep
Andaman & Nicobar Island
Indian Ocean
Northern Limit of SW Monsoon as on 17 June 2026
Normal Dates of Onset
Actual Dates of Onset


भारत मौसम विज्ञान विभाग
India Meteorological Department
जल मौसम विज्ञान प्रभाग, नई दिल्ली
Hydromet Division, New Delhi
SUBDIVISION RAINFALL MAP
Week: 11-06-2026 to 17-06-2026
Years of Service to the Nation
N
21.0 (13%) J & K AND LADAKH 18.6
31.1 (28%) HIMACHAL PRADESH 24.3
16.3 (23%) PUNJAB 13.2
32.8 (-18%) UTTARAKHAND 39.8
23.0 (81%) HAR. CHD & DELHI 12.7
25.2 (91%) WEST U.P 13.2
9.0 (3%) WEST RAJ. 8.7
15.2 (-9%) EAST U.P 16.7
13.5 (14%) EAST RAJASTHAN 13.6
78.9 (-28%) SHWB&SIKKIM 109.2
46.1 (-55%) ARUNACHAL PRADESH 102.6
50.3 (-58%) ASSAM & MEGHALAYA 120.5
18.8 (-41%) BIHAR 31.7
60.3 (-29%) NMMT 85.3
10.4 (-60%) EAST M.P 26.3
11.6 (-69%) JHARKHAND 36.9
0.0 (-100%) SAURASHTRA & KUTCH 24.8
11.9 (-53%) WEST M.P 25.3
0.0 (-100%) GUJARAT 28.9
40.5 (-25%) GANGETIC WB 53.9
15.1 (-65%) CHHATTISGARH 43.7
28.7 (-48%) ODISHA 55.4
12.2 (-74%) VIDARBHA 47.5
2.1 (-95%) MARATHWADA 38.2
0.4 (-99%) M.MAHARASHTRA 37.3
5.7 (-97%) KONKAN & GOA 174.0
24.1 (-36%) TELANGANA 37.6
4.2 (-88%) N. I. KARNATAKA 25.8
25.3 (-21%) COASTAL A. P& YANAM 32.0
31.5 (57%) RAYALASEEMA 20.1
74.6 (-68%) COASTAL KARNATAKA 230.3
20.6 (-45%) S. I. KARNATAKA 37.2
8.3 (-29%) TAMIL, PUDU. & KARAIKAL 11.7
15.2 (-80%) LAKSHADWEEP 75.6
65.4 (-60%) KEARALA &MAHE 163.4
ALL INDIA
Actual Normal %Dep
20.3 38.8 -48%
162.8 (61%) A & N ISLAND 101.0
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.


भारत मौसम विज्ञान विभाग
India Meteorological Department
जल मौसम विज्ञान प्रभाग, नई दिल्ली
Hydromet Division, New Delhi
SUBDIVISION RAINFALL MAP
Period: 01-06-2026 to 17-06-2026
Years of Service to the Nation
N
32.8 (-11%) J & K AND LADAKH 37.0
46.0 (-1%) HIMACHAL PRADESH 46.6
19.8 (-10%) PUNJAB 22.0
57.8 (-23%) UTTARAKHAND 75.8
20.8 (37%) HAR. CHD & DELHI 22.3
31.7 (18%) WEST U.P 26.8
21.4 (32%) WEST RAJ. 16.3
42.9 (80%) EAST RAJASTHAN 23.9
22.6 (-34%) EAST U.P 34.1
39.8 (-37%) BIHAR 63.4
192.2 (-16%) SHWB&SIKKIM 221.6
117.4 (-47%) ARUNACHAL PRADESH 222.3
120.2 (-53%) ASSAM & MEGHALAYA 258.2
111.9 (-42%) NMMT 194.2
17.7 (-58%) EAST M.P 41.7
21.5 (-68%) JHARKHAND 67.0
2.8 (-92%) SAURASHTRA & KUTCH 33.7
10.2 (-78%) GUJARAT 47.2
33.2 (-20%) WEST M.P 41.6
89.0 (-17%) GANGETIC WB 106.8
23.4 (-63%) CHHATTISGARH 63.5
51.2 (-44%) ODISHA 91.4
19.2 (-72%) VIDARBHA 69.5
26.9 (-62%) MARATHWADA 70.2
15.8 (-80%) M MAHARASHTRA 77.7
56.8 (-81%) KONKAN & GOA 297.3
40.1 (-38%) TELANGANA 64.8
62.4 (1%) N. I. KARNATAKA 61.9
84.0 (-26%) COASTAL A. P& YANAM 59.6
57.9 (25%) RAYALASEEMA 46.3
241.0 (-41%) COASTAL KARNATAKA 411.0
54.7 (-31%) S. I. KARNATAKA 79.6
19.9 (-37%) TAMIL., PUDU. & KARAIKAL 31.6
233.9 (14%) LAKSHADWEEP 204.3
299.8 (-13%) KEARALA &MAHE 345.6
ALL INDIA
Actual Normal %Dep
46.2 74.3 -38%
485.4 (86%) A & N ISLAND 250.3
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).
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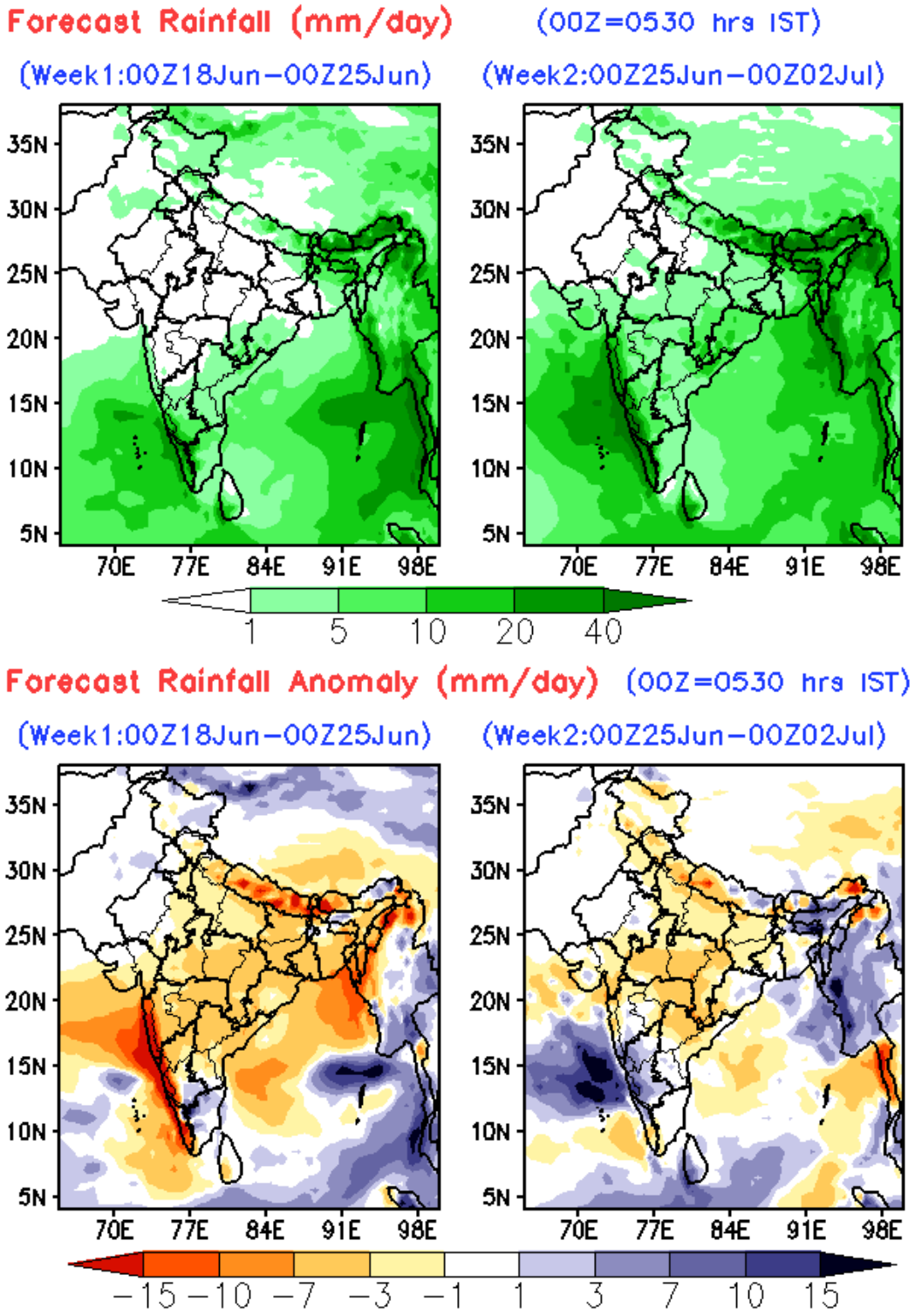
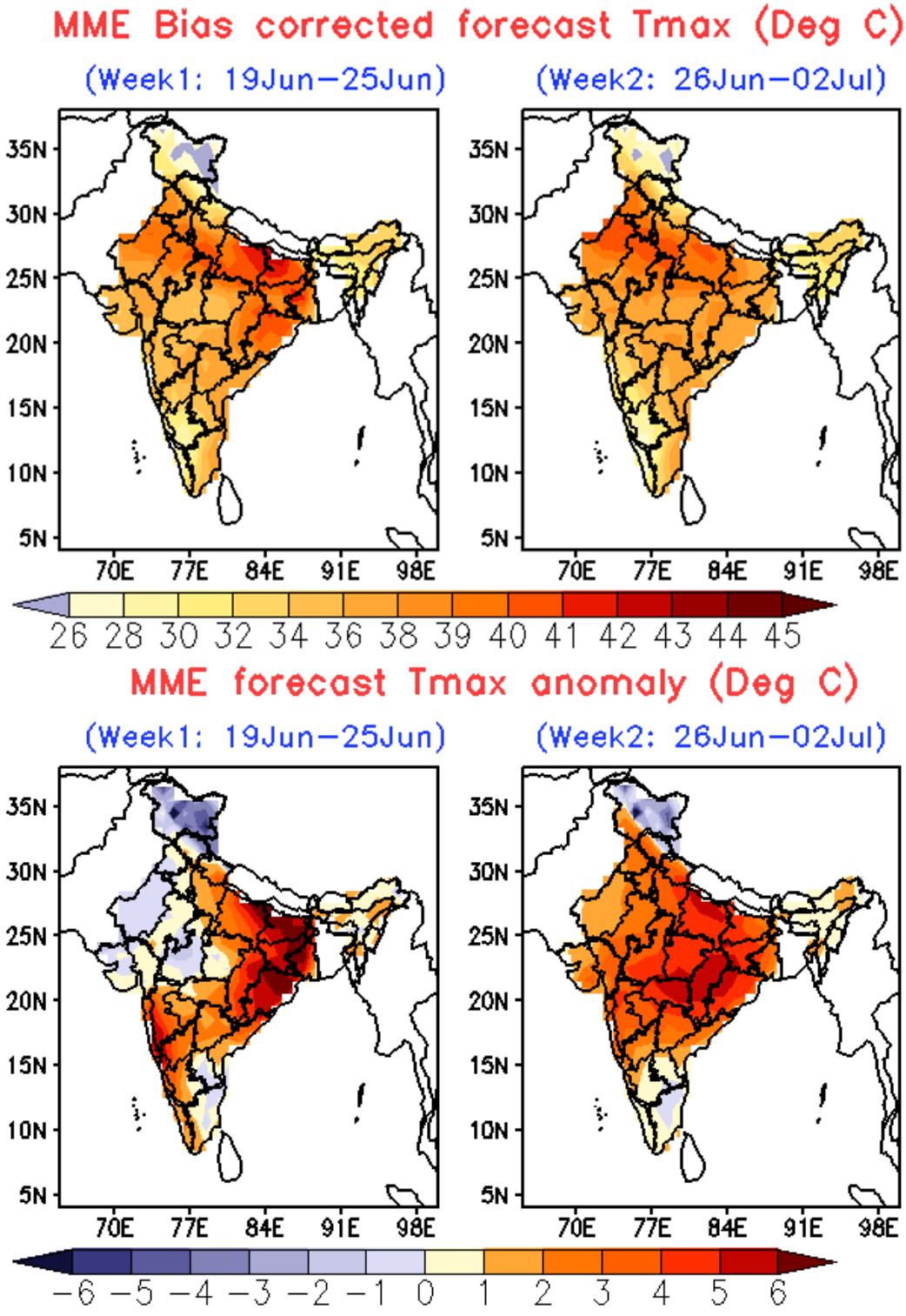


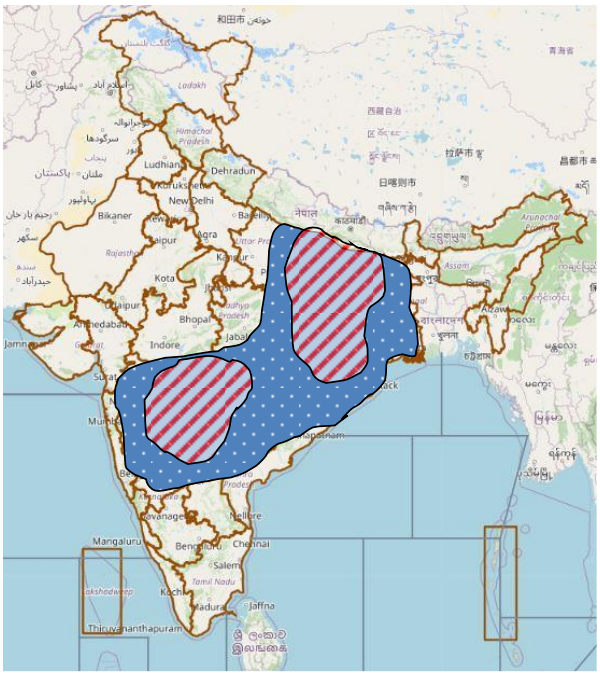
Extended range forecast of weekly distribution of rainfall in mm per day (top panel) and anomalies (lower panel) from IMD MME



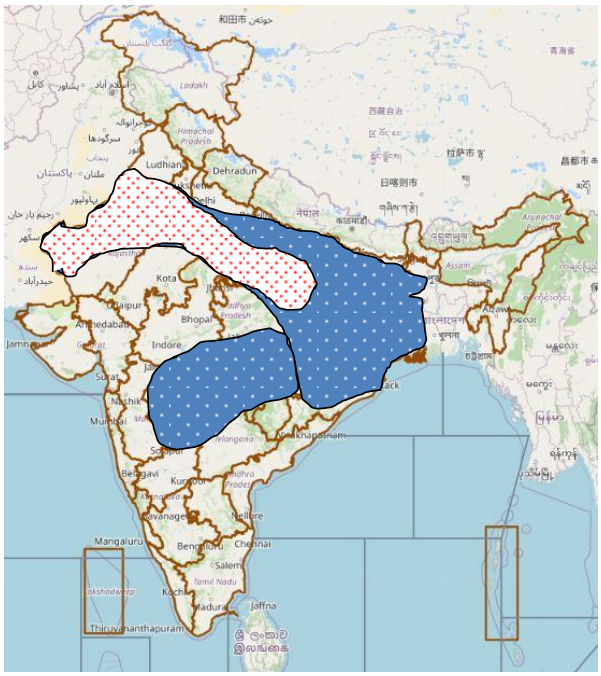
Extended range forecast of weekly distribution of Maximum Temperature in °C (top panel) and anomalies (lower panel) from IMD Bias Corrected Forecast

EXTENDED RANGE OUTLOOK FOR HEATWAVE & MAXIMUM TEMPERATURES

Week 1: 19.06.2026- 25.06.2026



Week2: 26.06.2026- 02.07.2026



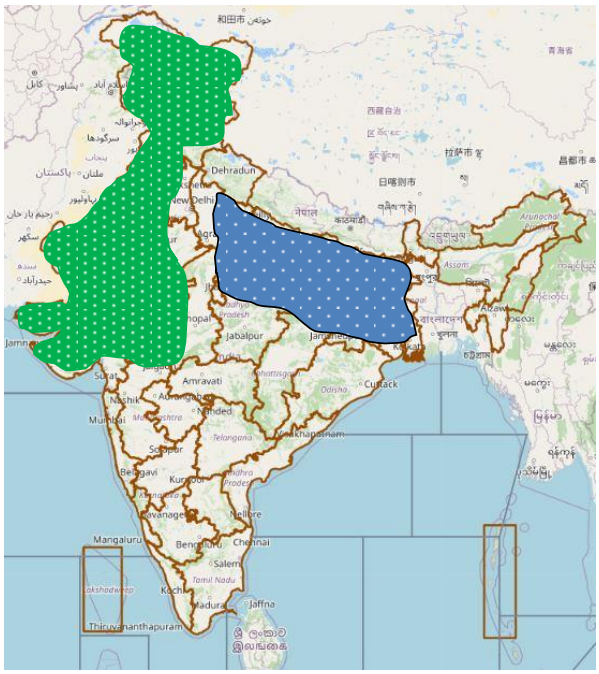
PROBABILITY OF HEATWAVE — **CONFIDENCE**

- LOW (1-33% PROBABILITY)
- MODERATE (34-67% PROBABILITY)
- HIGH (68-100% PROBABILITY)

- Markedly Above Normal Maximum Temperatures (>+5.1°C)
- Appreciably Above Normal Maximum Temperatures (+3.1 to +5.0°C)
- Above Normal Maximum Temperatures (+1.6 to +3.0°C)
- Normal Maximum Temperature (+1.5 to -1.5°C)

EXTENDED RANGE OUTLOOK FOR WARM NIGHT & MINIMUM TEMPERATURES

Week 1: 19.06.2026- 25.06.2026



Week2: 26.06.2026- 02.07.2026

PROBABILITY OF Warm Night	CONFIDENCE
LOW (1-33% PROBABILITY)	
MODERATE (34-67% PROBABILITY)	
HIGH (68-100% PROBABILITY)	
Markedly Above Normal Minimum Temperatures (>+5.1°C)	
Appreciably Above Normal Minimum Temperatures (+3.1 to +5.0°C)	
Above Normal Minimum Temperatures (+1.6 to +3.0°C)	
Normal to Below Normal Minimum Temperature (+1.5 to -1.5°C)	
Below Normal Minimum Temperatures (-1.6 to -3.0°C)	
Appreciably below Normal Minimum Temperatures (-3.1 to -5.0°C)	
Markedly below Normal Minimum Temperatures (-5.1°C or less)	

Impact expected and action suggested due to isolated thunderstorm with lightning, gusty/squally winds & hailstorm over

- **Thundersquall (wind speed reaching 60-70 kmph gusting to 80 kmph)** likely over West Rajasthan on 18th June; East Rajasthan during 18th-19th June; Bihar during 18th-19th June.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over West Rajasthan during 19th-20th June; East Rajasthan on 20th June; West Madhya Pradesh during 18th-19th June; Jharkhand during 18th-20th June; Odisha during 18th-19th June.
- Isolated **Hailstorm** activity likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 18th-20th June; Himachal Pradesh, Uttarakhand during 18th-19th June.

Impact expected:

- Breaking of tree branches, uprooting of large avenue trees. Large dead limbs blown from trees. Damage to Standing crops.
- Minor to Major damage to banana and papaya trees.
- Minor to major damage to power and communication lines due to breaking of branches.
- Strong wind/hail may damage plantation, horticulture and standing crops.
- Partial damage to vulnerable structures due to strong winds.
- Minor damage to kutcha houses/walls and huts.
- Loose objects may fly.

Action suggested:

- People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- Stay indoors, close windows & doors and avoid travel if possible.
- Take safe shelters; do not take shelter under trees.
- Do not lie on concrete floors and do not lean against concrete walls.
- Unplug electrical/ electronic appliances.
- Immediately get out of water bodies.
- Keep away from all the objects that conduct electricity.

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

- Isolated **very heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim during 18th-19th June and during 21st-23rd June; Assam & Meghalaya during 19th-22nd June; Kerala & Mahe on 18th June.

Impact Expected

- Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas.
- Occasional reduction in visibility due to heavy rainfall.
- Disruption of traffic in major cities due to water logging in roads leading to increased travel time.
- Minor damage to kutcha roads.
- Possibilities of damage to vulnerable structure.
- Localized Landslides/Mudslides/landslips/mudslips/landsinks/mudsinks.
- Damage to horticulture and standing crops in some areas due to inundation.
- It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC)

Action Suggested

- Check for traffic congestion on your route before leaving for your destination.
- Follow any traffic advisories that are issued in this regard.
- Avoid going to areas that face the water logging problems often.
- Avoid staying in vulnerable structure.

Impact expected and action suggested due to Heat wave conditions:

- **Heat wave** conditions very likely in isolated pockets over Bihar, Coastal Andhra Pradesh & Yanam and Odisha on 18th June; East Uttar Pradesh during 18th-24th June; Madhya Maharashtra, Marathawada, Telangana and Vidarbha during 18th-20th June; West Uttar Pradesh during 19th-24th June.

Alert Areas

- High temperature & increased likelihood of heat illness symptoms in people who are either exposed to sun for a prolonged period or doing heavy work.
- High health concern for vulnerable people e.g. infants, elderly, people with chronic diseases.
- Avoid heat exposure– keep cool. Avoid dehydration.
- Drink sufficient water- even if not thirsty.
- Use ORS, homemade drinks like lassi, torani (rice water), lemon water, buttermilk, etc. to keep yourself hydrated.

Agromet advisories for likely impact of Hailstorms

- In **Jammu & Kashmir** and **Himachal Pradesh,** use hail nets or hail caps in fruit orchards and vegetable plants to protect them from mechanical damage. Ensure effective field drainage to prevent waterlogging. Undertake picking of matured fruits at the earliest. Keep the harvested produce in safe places.

Agromet advisories for likely impact of Heavy Rainfall

- In **Arunachal Pradesh,** ensure proper drainage in vegetables, maize, rice nursery and other crop fields to prevent waterlogging. Harvest mature vegetables and fruits to avoid crop losses.
- In **Assam**, ensure proper drainage arrangements for quick removal of excess water from rice nurseries, jute, ginger, vegetables, banana, citrus and papaya. Avoid nursery sowing of *Sali* rice during heavy rainfall. Cover the rice nursery beds with thin polythene sheet. Provide mechanical support to the sugarcane crop to prevent lodging.
- In **Meghalaya**, ensure proper drainage channels in maize, ginger, cowpea, vegetable fields and banana plantations. Protect young seedlings from direct exposure to heavy rainfall. Use propping (bamboo or wooden poles) to support heavily laden plants.
- In **Sub Himalayan West Bengal,** harvest green gram pods and cover the grains by tarpaulins to protect it from rain or store it in dry place. Keep the harvested produce of rice and other vegetables in safe and dry place. Provide adequate drainage in jute, ginger, tomato and dalley khorsani fields and nurseries of *kharif* rice and vegetables.
- In **Keralam,** drain out excess water from banana, coconut, cardamom, ginger, black pepper and vegetables. Provide staking support in banana plants and strengthen the pandals of vegetable crops. Avoid transplanting of rice during heavy rain.
- In **Tamil Nadu,** maintain proper drainage in rice, cumbu, groundnut, sugarcane, banana and vegetables. Keep the harvested produce at safe places.

Agromet advisories for likely impact of High temperatures / Heat Waves

- In **Odisha, Bihar, Uttar Pradesh, Vidarbha, North Madhya Maharashtra, Marathwada, Coastal Andhra Pradesh** and **Telangana,** apply light irrigation as per requirement in vegetable crops and fruit orchards. Carry out mulching with crop residue, straw or polythene to conserve soil moisture. Use temporary shade nets to protect the fruit plants from high temperatures.

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.