



**Government of India
Ministry of Earth Sciences
India Meteorological Department**

**Press Release
Date: 27th June, 2023
Time of Issue: 1330 hours IST**

Subject: i) Active monsoon conditions likely to continue over Northwest, Central & West India during next 5 days.

ii) Advance of Southwest monsoon into some more parts of Rajasthan and remaining parts of Punjab & Haryana during next 2 days.

Weather observed during past 24 hours ending at 0830 hours IST of today (Annexure I):

Advance of Southwest Monsoon (Annexure II)

- ❖ The Southwest Monsoon has further advanced into most parts of north Arabian Sea, remaining parts of Gujarat and some more parts of Rajasthan today, the 27th June.
- ❖ The Northern Limit of Monsoon (NLM) now passes through Lat. 26.0°N/ Long. 55°E, Lat. 26.0°N/ Long. 65°E, Lat. 25.0°N/ Long. 70°E, Jodhpur, Sikar, Narnaul, Firozpur and Lat. 32.5°N/ Long. 72.5°E.
- ❖ Conditions are favourable for further advance of Southwest Monsoon into some more parts of Rajasthan and remaining parts of Haryana and Punjab during next 2 days.

Significant Weather features, Forecast and Warning during next 5 days: (Annexure III)

- ❖ The **Low Pressure Area** now lies over north Chhattisgarh & neighbourhood. It is very likely to move west-northwestwards towards northwest Madhya Pradesh during next 3 days.
- ❖ An east-west trough runs from northwest Rajasthan to Northeast Bay of Bengal in lower tropospheric levels.
- ❖ The off-shore trough at mean sea level runs from south Gujarat coast to Kerala coast.
- ❖ A cyclonic circulation lies over south Gujarat coast & neighbourhood in middle tropospheric levels.

Weather Forecast and Warning due to strengthening of the Southwest Monsoon Flow over the Indian subcontinent:

Northwest India:

- ❖ Light/moderate fairly widespread to widespread rainfall with isolated **heavy rainfall** very likely over West Uttar Pradesh, Rajasthan, Uttarakhand during next 5 days; Himachal Pradesh during 27th-29th June; East Uttar Pradesh during 29th June-01st July. Isolated **Heavy to Very Heavy rainfall** very likely over East Rajasthan on 29th & 30th June and over Uttarakhand on 28th & 30th June.

Central India:

- ❖ Light/moderate fairly widespread to widespread rainfall with isolated **heavy/very heavy falls**, thunderstorm & lightning over Madhya Pradesh during next 4-5 days and over Chhattisgarh & Vidarbha during next 2 days. Isolated **extremely heavy rainfall** very likely over Vidarbha and East Madhya Pradesh on 27th June.

West India:

- ❖ Light/moderate fairly widespread to widespread rainfall with isolated **Heavy to very Heavy rainfall** is very likely over Konkan & Goa, Gujarat State and Ghat areas of Madhya Maharashtra during next 5 days and Marathwada on 27th June. Isolated **extremely heavy rainfall** very likely over Gujarat region on 28th June.

East & adjoining Northeast India:

- ❖ Fairly widespread to widespread light/moderate rainfall with isolated **Heavy to Very Heavy falls** very likely over West Bengal & Sikkim during 27th-08th and over Assam & Meghalaya, Arunachal Pradesh during 29th June-01st July. Isolated **heavy rainfall** also likely over parts of East India during next 2 days and over northeast India during next 5 days.

South India:

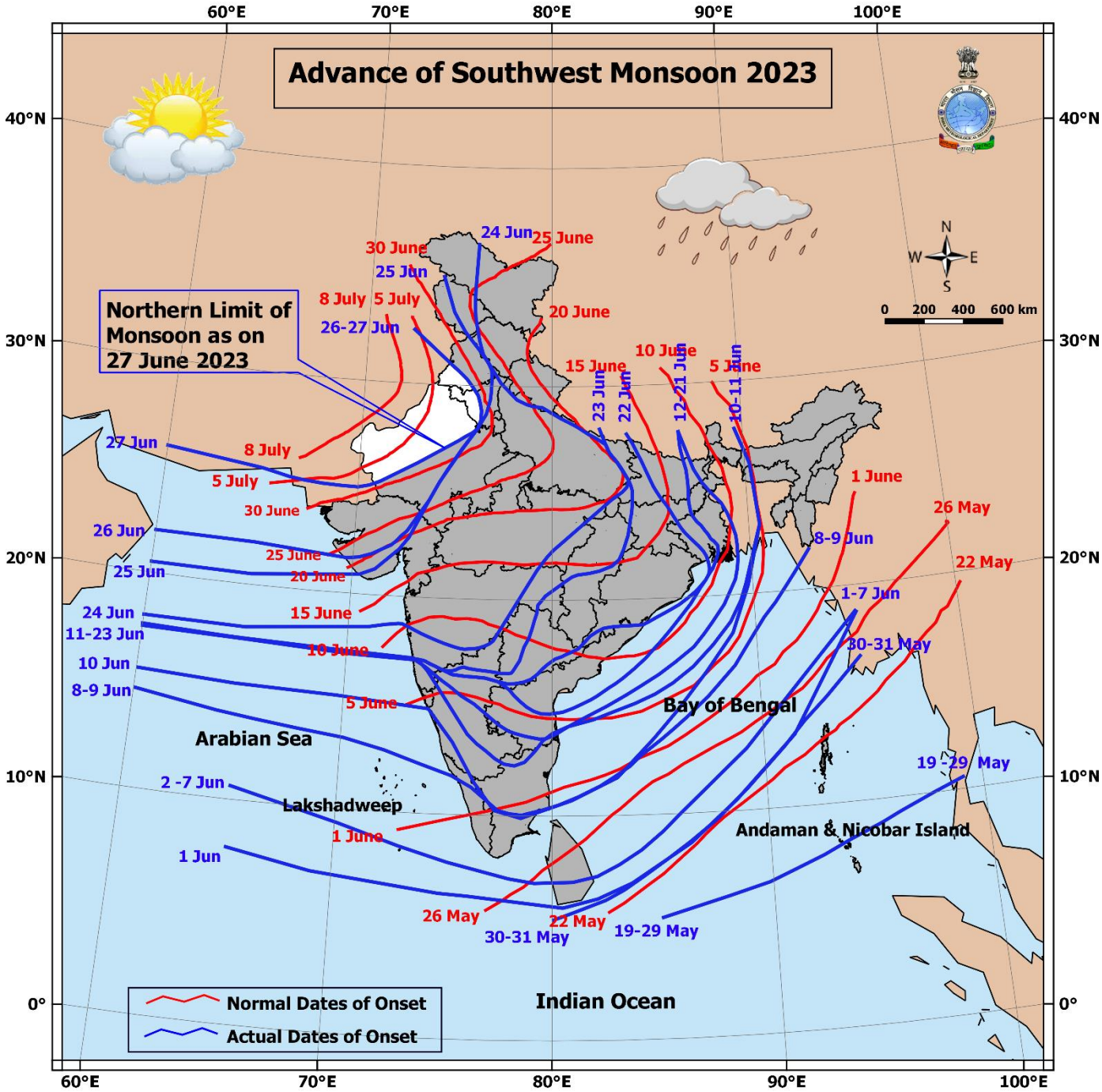
- ❖ Light/moderate scattered to fairly widespread rainfall with isolated **heavy to very heavy rainfall** also likely over Kerala & Mahe on 27th June. **Isolated heavy rainfall** also likely over Coastal Karnataka during 27th June to 01st July; Kerala on 30th June & 01st July; Lakshadweep on 27th June.

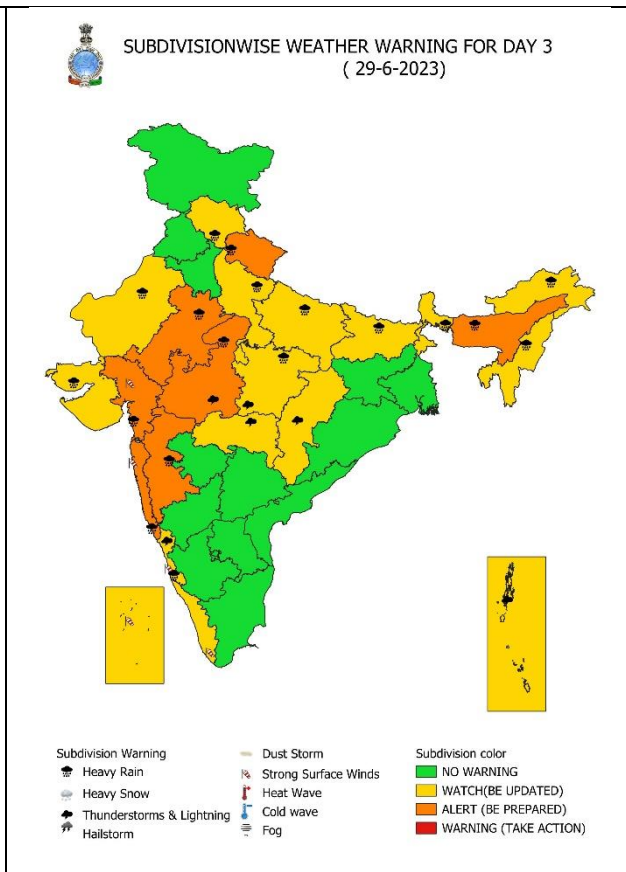
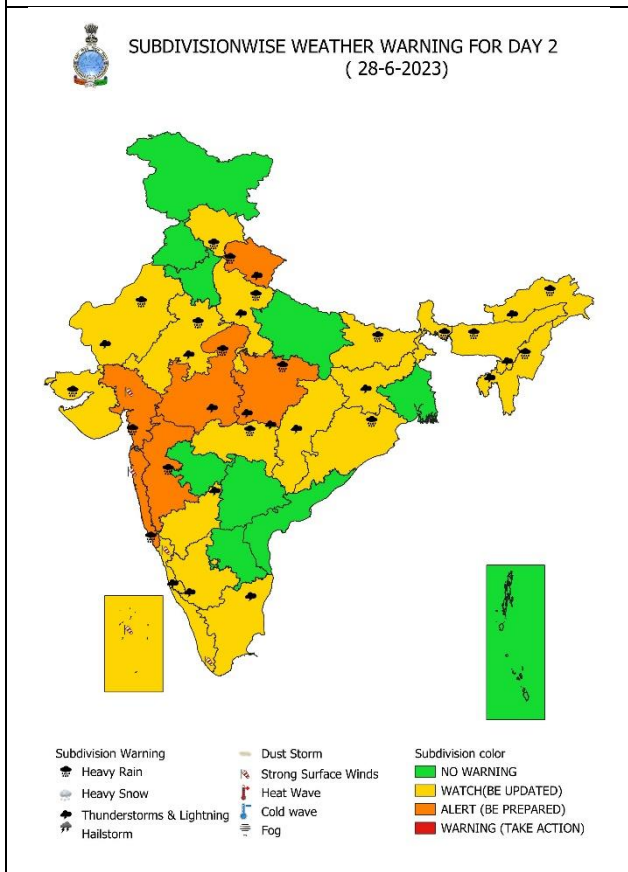
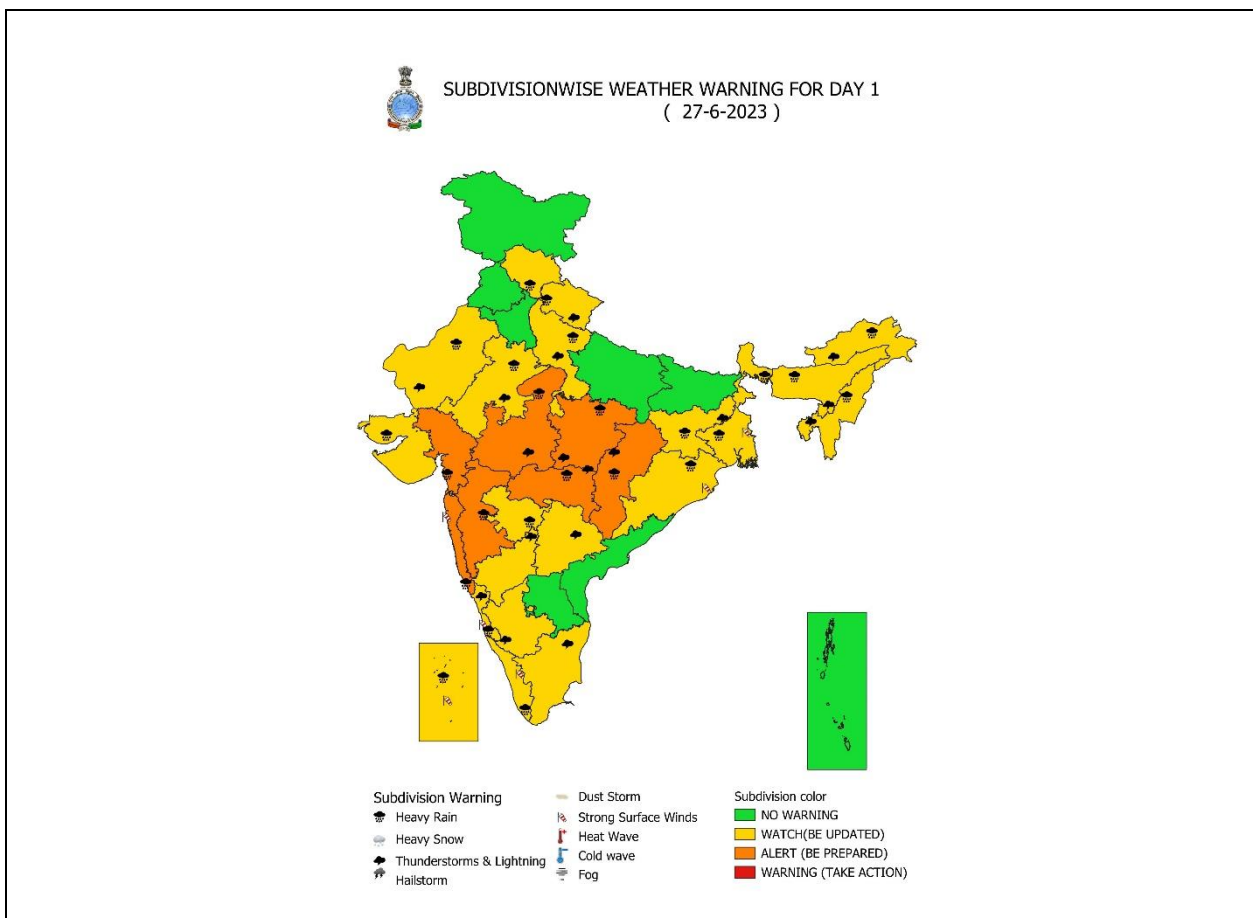
For more details kindly refer:

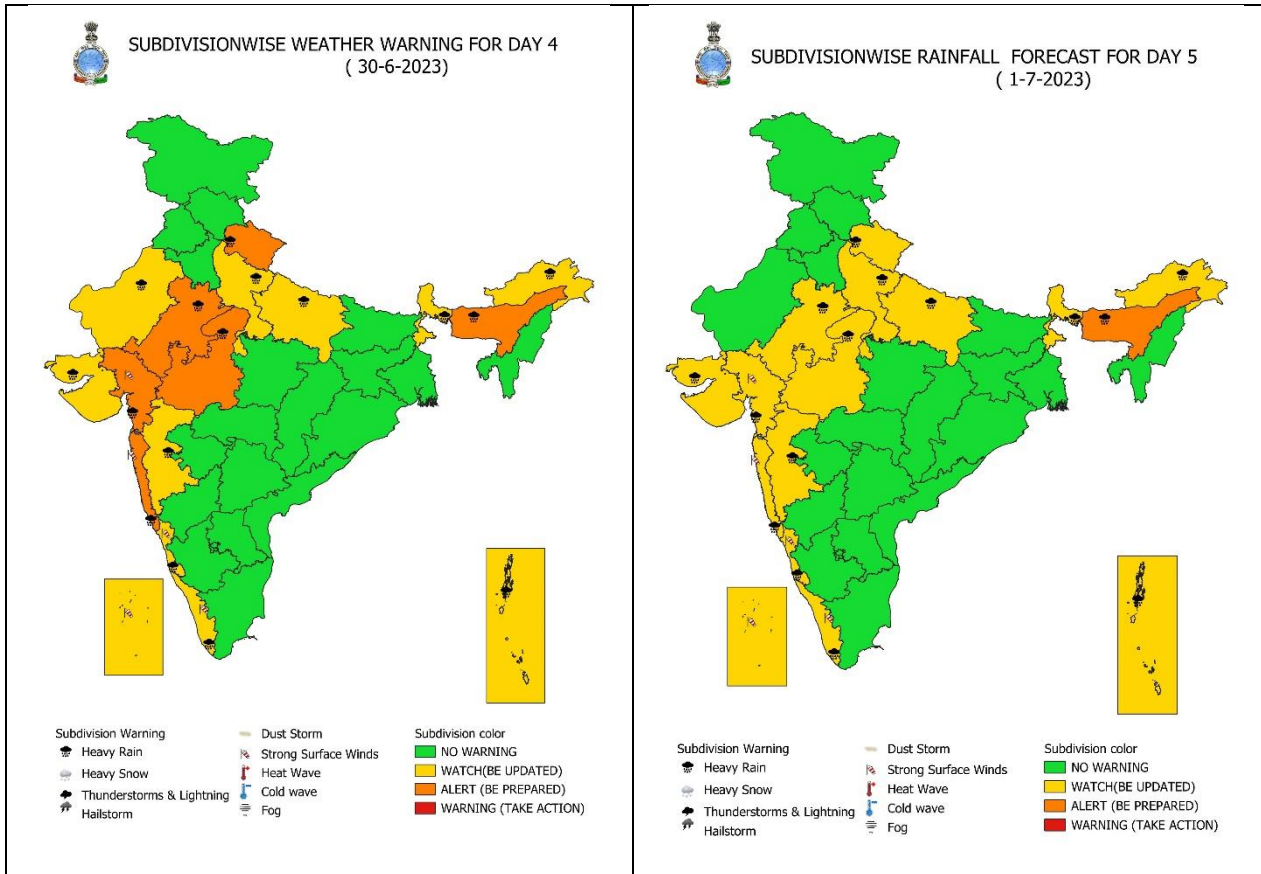
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Weather Observations: (from 0830 hours IST of yesterday to 0830 hours IST of today):

- ❖ **Rainfall/thundershowers observed: at most places** over West Bengal & Sikkim, Odisha, Jharkhand, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Madhya Pradesh, Vidarbha, Chhattisgarh, Konkan & Goa, Coastal Karnataka, Lakshadweep; **at many places** over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Andaman & Nicobar Islands, Uttarakhand, Haryana-Chandigarh-Delhi, East Rajasthan, Gujarat state, Telangana, Kerala & Mahe; **at a few places** over Punjab, Uttar Pradesh, West Rajasthan, Madhya Maharashtra, Marathwada, Bihar and **at isolated places** over and Tamil Nadu, Puducherry & Karaikal, Coastal Andhra Pradesh & Yanam, Rayalaseema and Interior Karnataka.
- ❖ **Extremely heavy rainfall** at isolated places over Chhattisgarh; **Very heavy rainfall** at isolated places over Konkan & Goa, Odisha, Madhya Pradesh, Vidarbha, Chhattisgarh, Jharkhand, Gujarat Region, Coastal Karnataka and **heavy rainfall** at isolated places over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Mizoram, Himachal Pradesh, West Uttar Pradesh, Delhi, Rajasthan, West Bengal, Saurashtra & Kutch and Madhya Maharashtra.
- ❖ **Significant rainfall recorded (in cm): Chhattisgarh:** Dondilohara (dist Balod) 22, Balod (dist Balod) 19, Mohla (dist Rajnandgaon) 17, Dongargaon (dist Rajnandgaon) 16, Rajim (dist Gariaband) 15, Doundi (dist Balod) 15, Dhamtari (dist Dhamtari) 15, Chhuria (dist Rajnandgaon) 14, Gurur (dist Balod) 14, Dongargarh (dist Rajnandgaon) 12, Kurud (dist Dhamtari) 12, Rajnandgaon (dist Rajnandgaon) 12, **Vidarbha:** Sakoli (dist Bhandara) 20, Bhandara (dist Bhandara) 16, Arjuni Morgaon (dist Gondia) 15, Deori (dist Gondia) 15, Lakhani (dist Bhandara) 14, Korchi (dist Gadchiroli) 14, Salekasa (dist Gondia) 13, Sadakarjuni (dist Gondia) 12, **East Madhya Pradesh:** Narsinghpur-aws (dist Narsinghpur) 19, Umariyapan (dist Katni) 17, Lakhnadon (dist Seoni) 17, Dheemarkheda (dist Katni) 17, Tamia (dist Chindwara) 16, Gadarwara (dist Narsinghpur) 16, Tendukheda (dist Narsinghpur) 15; **West Madhya Pradesh:** Deori (dist Raisen) 17, Bankhedi (dist Narmadapuram) 12, Pachmarhi (dist Narmadapuram) 12, Udaipura (dist Raisen) 11, Pipariya (dist Narmadapuram) 11; **Gujarat Region:** Umergam (dist Valsad) 13, Mahemdavad (dist Kheda) 11, Nadiad (dist Kheda) 11, Khanvel (dist Dadara & Nagar Haveli) 9; **Odisha:** Bhograi (dist Balasore) 12, Paikmal (dist Bargarh) 10, Padampur (dist Bargarh) 10, Lakhanpur (dist Jharsuguda) 9, Telkoi (dist Keonjhar) 9, Bijepur (dist Bargarh) 9, Ambabhona (dist Bargarh) 9, **Himachal Pradesh:** Barthin (dist Bilaspur) 7, Mashobra Aws (dist Shimla) 5, **Konkan & Goa:** Pen (dist Raigad) 12, Matheran (dist Raigad) 12, Bhiwandi (dist Thane) 12, Wada (dist Palghar) 10, Talasari (dist Palghar) 10, **Madhya Maharashtra:** Lonavala_agri (dist Pune) 9, **Rajasthan:** Sojat (dist Pali) 10, Malpura (dist Tonk) 9, Chirawa (dist Jhunjhunu) 8, Gegal Sr (dist Ajmer) 7, Shahabad (dist Baran) 7, Kotputli (dist Jaipur) 7, Makrana Sr (dist Nagaur) 7, Jodhpur (dist Jodhpur) 7; **Saurashtra & Kutch:** Mundra (dist Kutch) 9, Morbi (dist Morbi) 8, Wadhvan (dist Surendranagar) 8; **Assam & Meghalaya:** Cherrapunji(rkm) (dist East Khasi Hills) 9, Sonari_arg (dist Sibsagar) 7, Golaghat_pto (dist Golaghat) 7, Cherrapunji (dist East Khasi Hills) 7; **West Uttar Pradesh:** Lalitpur-9, Meerut, Bulandshahar-8 each; **Telangana:** Sirpur (t) (dist Kumaram Bheem) 7, **Jharkhand:** Chakradharpur-14; Tonto-11; Sadar chaibasa-10, Jhinkpani, Chaibasa-8 each; bano simdega kvk aws-63.5; **Delhi:** Pusa-8, Ayanagar-4, Lodi Road-1; **West Bengal:** East Midnapore-11, Darzeeling-10.







Agromet advisories for rainfall, thunderstorms/gusty winds and heatwave likely over various parts of the country:

- Drain out excess water from crop fields to avoid water stagnation in Himachal Pradesh, Uttarakhand, West Uttar Pradesh, Rajasthan, West Bengal, Sikkim, Odisha, Jharkhand, Madhya Pradesh, Chhattisgarh, Maharashtra, Goa, Gujarat, Kerala, Lakshadweep, Coastal Karnataka and North Eastern States.
- Provide staking to vegetables.

Impact & Action Suggested due to extremely heavy/very heavy rainfall over Vidarbha, Chhattisgarh and Kerala & Mahe on 27th June ;over West Bengal & Sikkim during 27th to 28th June; over Uttarakhand on 28th & 30th; over East Rajasthan on 29th & 30th; over West Madhya Pradesh, Konkan & Goa, Madhya Maharashtra and Gujarat Region during 27th to 30th;over East Madhya Pradesh on 27th & 28th; over Assam & Meghalaya during 29th June to 01st July; over Arunachal Pradesh on 30th June & 01st July.

A. Impact Expected

- Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas of the above region.
- 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 kutchha roads.
- Possibilities of damage to vulnerable structure.
- Localized Landslides/Mudslides
- 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).














B. 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.

Legends:

- ❖ **Heavy Rain:** 64.5 to 115.5 mm; **Very Heavy Rain:** 115.6 to 204.4 mm; **Extremely Heavy Rain:** >204.4mm.
- ❖ **Region wise classification of meteorological Sub-Divisions:**
 - **Northwest India:** Western Himalayan Region (Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand); Punjab, Haryana-Chandigarh-Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan.
 - **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
 - **East India:** Bihar, Jharkhand, Sub-Himalaya West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
 - **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
 - **West India:** Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra and Marathwada.
 - **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

SPATIAL DISTRIBUTION (% of Stations reporting)			
% Stations	Category	% Stations	Category
76-100	Widespread (WS/Most Places)	26-50	Scattered (SCT/ A Few Places)
51-75	Fairly Widespread (FWS/ Many Places)	1-25	Isolated (ISOL)

Subdivision Warning	 Dust Storm	Subdivision color
 Heavy Rain	 Strong Surface Winds	 NO WARNING
 Heavy Snow	 Heat Wave	 WATCH(BE UPDATED)
 Thunderstorms & Lightning	 Cold wave	 ALERT (BE PREPARED)
 Hailstorm	 Fog	 WARNING (TAKE ACTION)

Probabilistic Forecast	
Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75