



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release

Date: 27th July, 2023

Time of Issue: 1345 hours IST

Subject: i) Exceptionally heavy rainfall has occurred over **Telangana (Laxmidevipeta in Mulugu dist- 65 cm, Chityal (dist J. Bhupalpally) 62 cm, Regonda (dist J. Bhupalpally) 47 cm).**
ii) Extremely heavy rainfall likely to continue over **Telangana, Vidarbha, Konkan & Goa, ghat areas of Madhya Maharashtra today and decrease gradually thereafter.**
iii) Decrease in rainfall activity over south peninsular India and increase in rainfall activity over East India from 29th July, 2023.

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

Significant Weather features:

- ❖ Yesterday's **Well Marked Low Pressure Area** over Westcentral & adjoining Northwest Bay of Bengal off north Andhra Pradesh-south Odisha coasts has weakened into a **Low Pressure Area** over south Odisha & adjoining north Coastal Andhra Pradesh today morning.
- ❖ The Monsoon Trough is active & is south of its normal position and passes through Bikaner, Kota, Raisen, Durg, centre of Low Pressure Area over south Odisha & adjoining north Coastal Andhra Pradesh and thence east-southeastwards to Eastcentral Bay of Bengal and extends upto lower tropospheric levels. It is likely to gradually shift northwards during next 2 days.
- ❖ The shear zone now runs roughly along Lat. 18° N in middle tropospheric levels tilting southwards with height.
- ❖ A cyclonic circulation lies over Punjab & neighbourhood in lower tropospheric levels.

Weather Forecast and Warning (Annexure II):

Northwest India: Light/Moderate fairly widespread to widespread rainfall with isolated **heavy rainfall** is very likely over Uttarakhand during 27th-31st; Himachal Pradesh, Punjab, Haryana-Chandigarh-Delhi and West Uttar Pradesh during 27th-29th; over East Uttar Pradesh during 28th-31st; over Rajasthan and Jammu and Kashmir on 27th& 28th July, 2023.

Isolated very heavy rainfall also likely over Himachal Pradesh and West Rajasthan on 27th July, 2023.

Central India: Light/moderate fairly widespread to widespread rainfall with isolated **heavy rainfall** is very likely over the region during 27th-29th July.

Isolated extremely heavy falls also likely over Vidarbha on 27th July.

Isolated very heavy rainfall also likely over Chhattisgarh on 27th& 28th July; Vidarbha on 28th July.

West India: Light/moderate fairly widespread to widespread rainfall with **isolated heavy to very heavy rainfall** very likely to continue over Konkan & Goa and ghat areas of Madhya Maharashtra during 27th-29th July; over Gujarat Region on 27th & 28th and Marathwada on 27th July, 2023.

Isolated extremely heavy rainfall very likely over Konkan & Goa and ghat areas of Madhya Maharashtra on 27th July, 2023.

Isolated extremely heavy rainfall very likely over Mumbai city & adjoining areas on 27th and very heavy rainfall on 28th July.

South India: Light/moderate fairly widespread to widespread rainfall with **isolated heavy to very heavy rainfall** very likely over Telangana, Coastal Karnataka, North Interior Karnataka on 27th & 28th and over Rayalaseema & South Interior Karnataka on 27th July.

Isolated extremely heavy rainfall very likely over Telangana on 27th July, 2023.

East India: Light/moderate fairly widespread to widespread rainfall with isolated **heavy rainfall** very likely over Odisha during 27th-31st; Sub-Himalaya West Bengal & Sikkim during 27th-29th July and over Jharkhand during 29th-31st and over Bihar on 30th & 31st July, 2023.

Northeast India: Light/moderate fairly widespread rainfall with **isolated heavy rainfall** very likely over the region during 27th-31st July.

Isolated very heavy rainfall likely over Arunachal Pradesh and Assam & Meghalaya on 27th & 28th July, 2023.

For more details kindly refer: https://mausam.imd.gov.in/responsive/all_india_forcast_bulletin.php

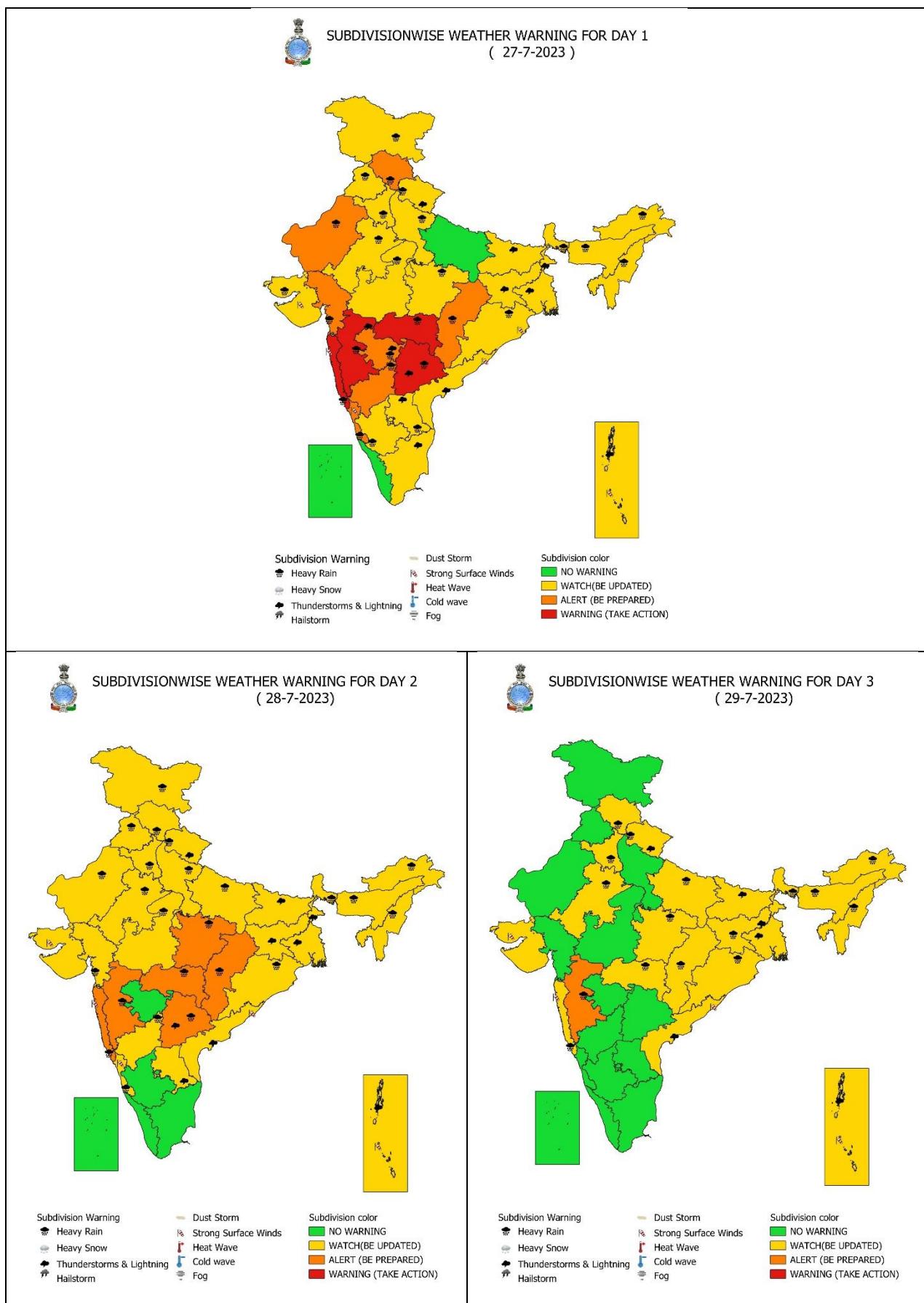
Rainfall Observations: (from 0830 hours IST of yesterday to 0830 hours IST of today, the 27th July 2023):

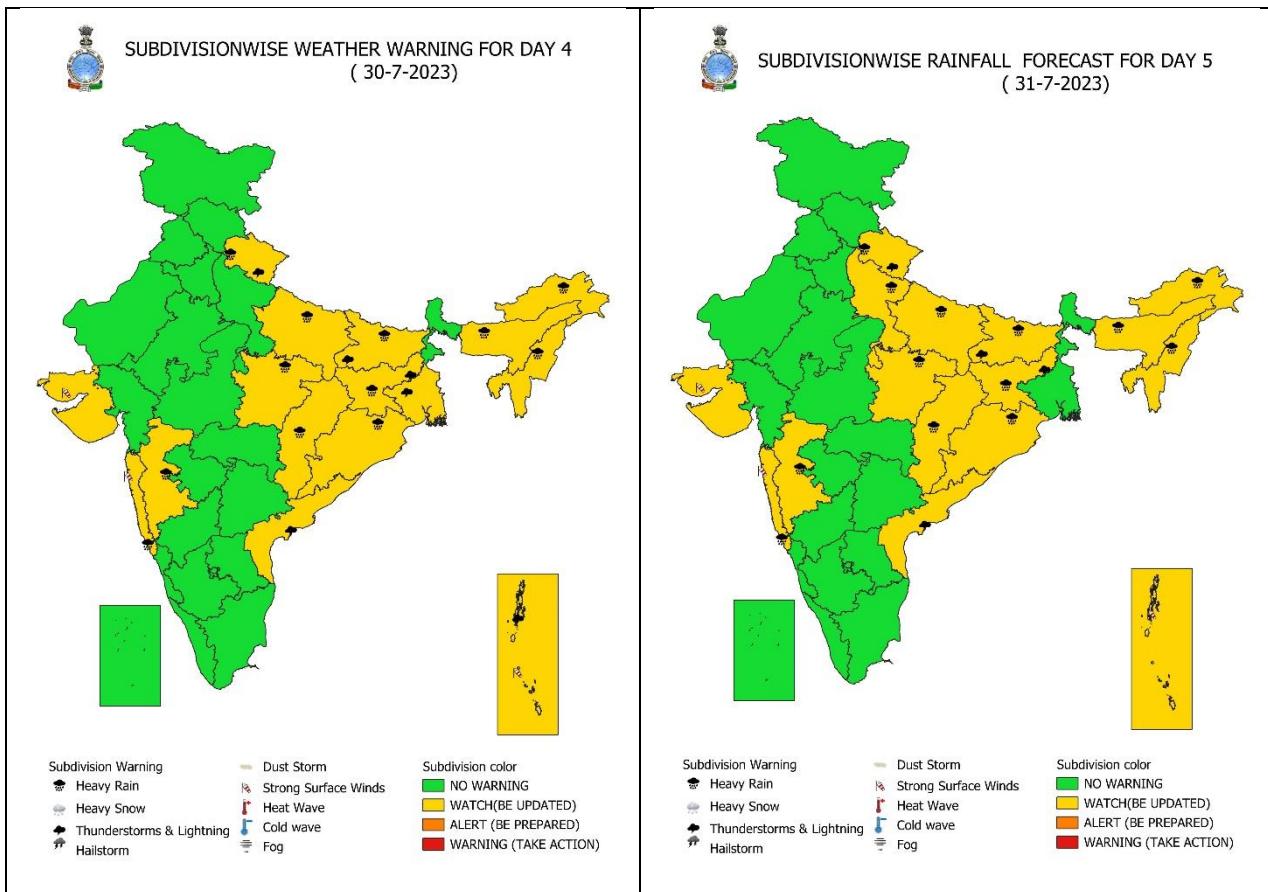
- **Exceptionally heavy rainfall** recorded over Telangana: Chityal (dist J. Bhupalpally) 62,
- **Heavy to very heavy rainfall with isolated extremely heavy rainfall** observed over West Rajasthan, West Uttar Pradesh, Gujarat Region, Chhattisgarh, Konkan & Goa, Madhya Maharashtra and Coastal Andhra Pradesh.
- **Heavy to very heavy rainfall** at isolated places over West Madhya Pradesh, Vidarbha and Coastal Karnataka.
- **Heavy rainfall** at isolated places over Himachal Pradesh, Jammu & Kashmir, Haryana, East Rajasthan, Rayalseema, Tamil Nadu, Saurashtra & Kutch, Marathwada, West Bengal & Sikkim, North Interior Karnataka, Odisha and Assam & Meghalaya.

➤ Significant rainfall recorded (in cm):

- **Telangana: Laxmidevipeta (Mulugu)-65**, Chityal (dist J. Bhupalpally) 62, Regonda (dist J. Bhupalpally) 47, Ghanpurjskb (dist J. Bhupalpally) 46, Parkal (dist Hanumakonda) 46, Mogullapalle (dist J. Bhupalpally) 43, Mogullapally, Karkagudem-39 each, Venkatapur (dist Mulugu) 37, Govindaraopet (dist Mulugu) 33, Mulug (dist Mulugu) 33, Shayampet (dist Hanumakonda) 30, Jammikunta (dist Karimnagar) 29, Atmakurwrgl (dist Hanumakonda) 29, Nallabelly (dist Warangal) 29, Hasanparthy (dist Hanumakonda) 29, Huzurabad (dist Karimnagar) 28, Bheemadevapalle (dist Hanumakonda) 26, Pinapaka (dist B. Kothagudem) 25, Zaffergadh (dist Jangaon) 25, Bhupalpalle (dist J. Bhupalpally) 24, Boath (dist Adilabad) 23, Mahabubabad (dist Mahabubabad) 23, Kodakandla (dist Jangaon) 22, Parvathagiri (dist Warangal) 22, Kothagudem (dist B. Kothagudem) 22, Chennaraopet (dist Warangal) 21, Nirmal (dist Nirmal) 21, Khanapur (dist Warangal) 21, Sarangapurnrl (dist Nirmal) 21, Dharmasagar (dist Hanumakonda) 21, Narsampet (dist Warangal) 20, Sangem (dist Warangal) 20, Palawancha (dist B. Kothagudem) 20, Tadwai Mlg (dist Mulugu) 19, Dornakal (dist Mahabubabad) 19, Dharmaram (dist Peddapalle) 18, Sultanabad (dist Peddapalle) 18, Bazarhathnoor (dist Adilabad) 18, Pegadapalle (dist Jagtial) 18, Garla (dist Mahabubabad) 18, Ghanpur (dist Jangaon) 18, Malyal (dist Mahabubabad) 17, Gundala (dist B. Kothagudem) 17, Manuguru (dist B. Kothagudem) 17, Elagaid (dist Peddapalle) 17, Gangadhara (dist Karimnagar) 17, Thimmapur (dist Karimnagar) 17, Aswapuram (dist B. Kothagudem) 17, Shankarapatnam (dist Karimnagar) 17, Mallial (dist Jagtial) 17, Boinpalle (dist Rajanna Sircilla) 17, Kathlapur (dist Jagtial) 17, Choppadandi (dist Karimnagar) 17, Dahegaon (dist Kumaram Bheem) 16, Julurpad (dist B. Kothagudem) 16, Gudurwrgl (dist Mahabubabad) 16, Srirampur (dist Peddapalle) 16, Yellandu (dist B. Kothagudem) 16, Raghunathpalle (dist Jangaon) 16, Noothankal (dist Suryapet) 15, Enkuru (dist Khammam) 15, Jagtial (dist Jagtial) 15, Chigurumamidy (dist Karimnagar) 15, Kammar Palle (dist Nizamabad) 15, Mirdoddi (dist Siddipet) 15, Sarangapur (dist Jagtial) 15, Karimnagar (dist Karimnagar) 14, Metpalle (dist Jagtial) 14, Tekulapalle (dist B. Kothagudem) 14, Khanpur (dist Nirmal) 14, Burgampadu (dist B. Kothagudem) 14, Jainoor (dist Kumaram Bheem) 14, Mortad (dist Nizamabad) 13, Palakurthi (dist Jangaon) 13, Yellandu(arg) (dist B. Kothagudem) 13, Velagatoor (dist Jagtial) 13, Laxmanchanda (dist Nirmal) 13, Devaruppal (dist Jangaon) 13, Bheemgal (dist Nizamabad) 13, Mulakalapalle (dist B. Kothagudem) 13, Dandepalle (dist Mancherial) 13, Venkatapuram (dist Mulugu) 13, Yellareddypeta (dist Rajanna Sircilla) 13, Sirsilla (dist Rajanna Sircilla) 13, Utnur (dist Adilabad) 13, Talamadugu (dist Adilabad) 13, Karimnagar(a) (dist Karimnagar) 12, Jaipur (dist Mancherial) 12, Julapalle (dist Peddapalle) 12, Balkonda (dist Nizamabad) 12, Tamasi (dist Adilabad) 12, Luxettipet (dist Mancherial) 12, Jajireddigudem (dist Suryapet) 11, Ellanthukunta (dist Rajanna Sircilla) 11, Chandurthi (dist Rajanna Sircilla) 11, Bayyaram (dist Mahabubabad) 11, Thollada (dist Khammam) 11, Narmetta (dist Jangaon) 11, Chandrugonda (dist B. Kothagudem) 11, Bejjanki (dist Siddipet) 11, Dilawarpur (dist Nirmal) 11, Bachhanpet (dist Jangaon) 11, Nanganur (dist Siddipet) 11, Jannaram (dist Mancherial) 11, Velpur (dist Nizamabad) 11, Bejjur (dist Kumaram Bheem) 11, Mutharam Mahadevpur (dist J. Bhupalpally) 10, Machareddy (dist Kamareddy) 10, Jangaon (dist Jangaon) 10, Kusumanchi (dist Khammam) 10, Yadagirigutta (dist Y. Bhuvanagiri) 10, Jagadevpur (dist Siddipet) 10, Navipet (dist Nizamabad) 10,
- **Konkan & Goa: Pen** (dist Raigad) 30, Colaba - Imd Obsy (dist Mumbai City) 22, Lanja (dist Ratnagiri) 22, Tala (dist Raigad) 21, Ratnagiri - Imd Obsy (dist Ratnagiri) 20, Murud (dist Raigad) 20, Mhasla (dist Raigad) 18, Dapoli_agri (dist Ratnagiri) 17, Shriwardhan (dist Raigad) 17, Mandangad (dist Ratnagiri) 16, Mangaon (dist Raigad) 15, Santacruz - Imd Obsy (dist Mumbai Suburban) 15, Harnai Imd Obsy (dist Ratnagiri) 14, Sudhagad Pali (dist Raigad) 14, Chiplun (dist Ratnagiri) 14, Roha (dist Raigad) 13, Wakwali_agri (dist Ratnagiri) 13, Rajapur (dist Ratnagiri) 13, Poladpur (dist Raigad) 12,

- **Gujarat Region:** Nanipalson (dist Valsad) 29, Madhbun (dist Dadara & Nagar Haveli) 14, Dehgam_arg (dist Gandhinagar) 14, Khanvel (dist Dadara & Nagar Haveli) 12, Kaprada (dist Valsad) 12, Vapi (dist Valsad) 8, Dhandhuka_arg (dist Ahmedabad) 8,
- **West Uttar Pradesh:** Etawah-22, Aligarh-11
- **Chhattisgarh:** Bijapur (dist Bijapur) 21, Usoor (dist Bijapur) 15, Bhairamgarh (dist Bijapur) 13, Bhopalpatnam (dist Bijapur) 10,
- **West Rajasthan:** Dungargarh (dist Bikaner) 21, Didwana (dist Nagaur) 7, Ganganagar (dist Sri Ganganagar) 7,
- **Madhya Maharashtra:** Mahabaleshwar- Imd Obsy (dist Satara) 18, Harsul - Fmo (dist Nashik) 17, Gaganbawada (dist Kolhapur) 16, Lonavala_agri (dist Pune) 12, Shahuwadi (dist Kolhapur) 7, Surgana (dist Nashik) 7,
- **Coastal Karnataka:** Castle Rock (dist Uttara Kannada) 17, Kadra (dist Uttara Kannada) 11, Mulki (dist Dakshina Kannada) 11, Siddapur (dist Uttara Kannada) 10, Gokarna (dist Uttara Kannada) 9, Kumta (dist Uttara Kannada) 9, Kundapur (dist Udupi) 8, Joida (dist Uttara Kannada) 8, Manchikere (dist Uttara Kannada) 7,
- **Vidarbha:** Nagpur Aerodrome (dist Nagpur) 16, Hingna (dist Nagpur) 15, Korpana (dist Chandrapur) 15, Agriculture College (dist Nagpur) 15, Hinganghat (dist Wardha) 14, Kamptee (dist Nagpur) 14, Selu (dist Wardha) 13, Samudrapur (dist Wardha) 12, Kalamb (dist Yeotmal) 11, Wardha (dist Wardha) 9, Warora (dist Chandrapur) 9, Ahiri (dist Gadchiroli) 9, Ralegaon (dist Yeotmal) 9, Joiti (dist Chandrapur) 9, Wani (dist Yeotmal) 8,
- **Coastal Andhra Pradesh:** Kunavaram (dist Alluri Sithamaraju) 12, Kukunoor (dist Eluru) 11, Chintur (dist Alluri Sithamaraju) 10, Vizianagaram (dist Vizianagaram) 9, Bheemunipatnam (dist Vishakhapatnam) 9, Pusapatirega (dist Vizianagaram) 8, Visakhapatnam (dist Vishakhapatnam) 8, Ranastalam (dist Srikakulam) 8, Tiruvuru (dist Ntr District) 7,
- **West Madhya Pradesh:** Bhind-aws (dist Bhind) 12, Bhimpur (dist Betul) 9, Babai (makhan Nagar) (dist Narmadapuram) 8, Narmadapuram (dist Narmadapuram) 7,
- **Assam & Meghalaya:** Mawsynram (dist East Khasi Hills) 11, Mawkyrwat (dist South West Khasi Hills) 11, Cherrapunji(rkm) (dist East Khasi Hills) 11,
- **Odisha:** Jaipatna (dist Kalahandi) 11, Umarkote (dist Nawarangpur) 7,
- **East Rajasthan:** Shahpura Sr (dist Jaipur) 9, Bijoliya Sr (dist Bhilwara) 7, Mandalgarh (dist Bhilwara) 7,
- **Saurashtra & Kutch:** Lalpur (dist Jamnagar) 9, Vadia (dist Amreli) 8, Jetpur (dist Rajkot) 8,
- **Jammu & Kashmir:** Burmal Arg (dist Kathua) 9, Kathua_kv (dist Kathua) 8, Udhampur(iaf) (dist Udhampur) 7
- **Marathwada:** Kinwat (dist Nanded) 9,
- **Rayalaseema:** Nandyal (dist Nandyal) 8, Rudravaram (dist Nandyal) 7,
- **Himachal Pradesh:** Guler (dist Kangra) 7,
- **Haryana:** Faridabad-7
- **Tamil Nadu:** Glenmorgan (dist Nilgiris) 7,
- **North Interior Karnataka:** Londa (dist Belagavi) 7,





Agromet advisories for heavy rainfall likely over various parts of the country

- Drain out excess water from crop fields to avoid water stagnation in Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Punjab, Rajasthan, Sub Himalayan West Bengal & Sikkim, Odisha, Madhya Pradesh, Chhattisgarh, Maharashtra, Goa, Gujarat State, Karnataka, Andhra Pradesh, Rayalaseema, Telangana and North Eastern States.
- Postpone transplanting of rice and finger millet in Konkan; rice in ghat regions of Madhya Maharashtra and Telangana.
- Postpone sowing of cotton, groundnut, castor and red gram in Telangana.

Impact & Action Suggested

due to extremely heavy rainfall over Konkan & Goa, Madhya Maharashtra, Telangana, Vidarbha on 27th July

due to very heavy rainfall: over Himachal Pradesh, West Rajasthan, Gujarat Region, Marathwada, North Interior Karnataka on 27th; Chhattisgarh on 27th & 28th July, 2023.

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 kutch roads.
- ❖ Possibilities of damage to vulnerable structure.
- ❖ Localized Landslides/Mudslides in the hilly areas.
- ❖ 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.
- ❖ **Obsy:** Observatory; **AWS:** Automatic Weather Station
- ❖ **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