



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

**Press Release
Date: 10th July, 2022
Time of Issue: 1330 hrs IST**

**Subject: (i) Intense wet spell likely to continue over Telangana, Vidarbha & adjoining areas of Coastal Andhra Pradesh and south Chhattisgarh on 10th & 11th July, 2022.
(ii) A fresh intense wet spell likely over Gujarat, Konkan & Goa, Madhya Maharashtra and coastal Karnataka from 12th July, 2022.**

Weather observed during past 24 hours ending at 0830 hrs IST of today:

- **Extremely heavy rainfall** at isolated places occurred over Telangana, Chhattisgarh, Gujarat region, Madhya Maharashtra, Vidarbha, East Madhya Pradesh and Coastal Karnataka; **heavy to very heavy rainfall** at isolated places occurred over Himachal Pradesh, Uttarakhand, Haryana, West Madhya Pradesh, Marathawada, Konkan & Goa, Coastal Andhra Pradesh & Yanam, Interior Karnataka and Kerala & Mahe and **heavy rainfall** at isolated places over Punjab, West Uttar Pradesh, East Rajasthan, Saurashtra & Kutch, Odisha, Arunachal Pradesh, Assam and Tamilnadu. **(Annexure I)**

Rainfall/thunderstorm Forecast & Warnings: (Multi-hazard warning is given in Annexure II)

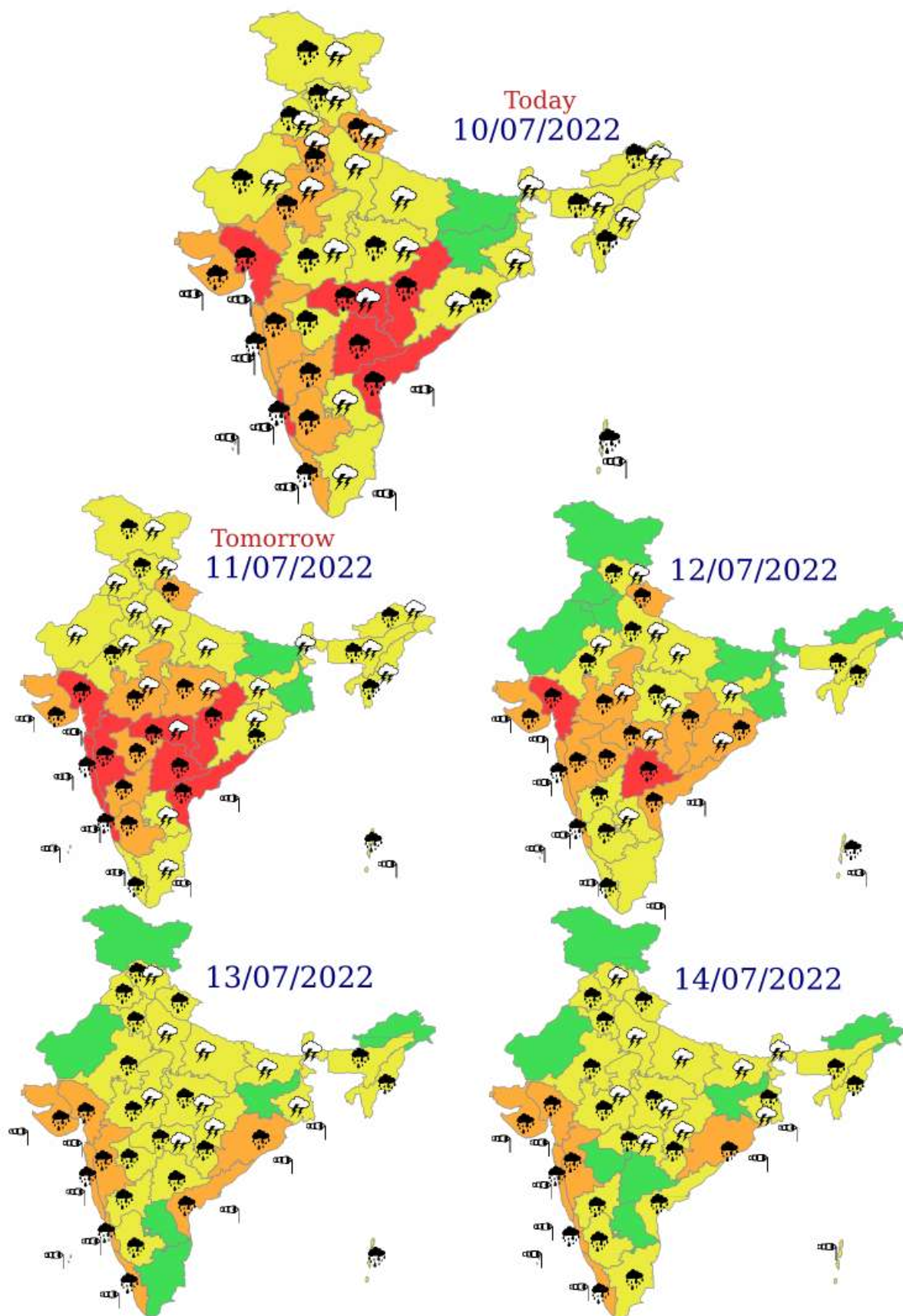
- A **Low Pressure Area** lies over coastal areas of south Odisha-north Andhra Pradesh & neighbourhood with the associated cyclonic circulation extending upto upper tropospheric levels tilting southwestwards with height.
- The monsoon trough is active and south of its normal position
- An east-west shear zone runs roughly along 20°N in lower & mid tropospheric levels tilting southwestwards with height across North Peninsular India.
- An off-shore trough at mean sea level runs from Gujarat coast to north Kerala coast.
- **Under their influence;**
 - Fairly widespread/widespread rainfall & **thunderstorm/lightning** with isolated **heavy rainfall** very likely over Chhattisgarh, Vidarbha, Madhya Pradesh, Odisha, Maharashtra, Gujarat state, Kerala & Mahe, Coastal Andhra Pradesh & Yanam, Telangana and Karnataka during next 4-5 days.
 - **Isolated very heavy rainfall** very likely over Saurashtra & Kutch during 10th-12th; Marathawada on 11th & 12th; Coastal Karnataka on 14th; Kerala & Mahe on 10th, 13th & 14th; Konkan & Goa on 10th; Coastal Andhra Pradesh & Yanam on 12th & 13th; Interior Karnataka on 10th & 11th; West Madhya Pradesh on 11th & 12th; East Madhya Pradesh on 11th; Odisha during 12th-14th; Vidarbha on 13th and over Chhattisgarh on 12th & 13th July, 2022.

- **Isolated/Scattered heavy to very heavy rainfall with isolated extremely heavy rainfall** also likely over Telangana during 10th-12th; Gujarat Region, ghat areas of Madhya Maharashtra during 10th-14th; Saurashtra & Kutch on 13th & 14th; Konkan & Goa during 11th- 14th; Coastal Karnataka during 10th-13th, Chhattisgarh & Coastal Andhra Pradesh on 10th & 11th; Vidarbha during 10th - 12th July, 2022.
- Isolated/scattered rainfall activity very likely over Rayalaseema and Tamil Nadu, Puducherry & Karaikal during next 5 days with isolated **heavy rainfall** also likely over Tamil Nadu, Puducherry & Karaikal on 10th July, 2022.
- Fairly widespread to widespread rainfall & isolated **thunderstorm/lightning** during next 5 days with:
 - Isolated **heavy rainfall** very likely over Jammu & Kashmir on 10th & 11th; Himachal Pradesh during 10th- 13th and over Uttarakhand during 10th- 14th July, 2022.
 - **Isolated heavy to very heavy rainfall** likely over Uttarakhand during 10th-12th July, 2022.
- Scattered/fairly rainfall activity with isolated **thunderstorm/lightning** very likely Punjab, Haryana, Chandigarh and Rajasthan and isolated/scattered over Uttar Pradesh during next 5 days.
 - Isolated **heavy rainfall** likely over Punjab on 10th, 13th & 14th; Haryana-Chandigarh on 13th & 14th; West Rajasthan on 10th and over East Rajasthan during 11th-14th July, 2022.
 - **Isolated heavy to very heavy rainfall** also likely over Haryana-Chandigarh and East Rajasthan on 10th July, 2022.

Rainfall (in cm):

- ❖ **Telangana:** Mancherla: Kotapalle-25, Chennur-23, Nizamabad: Navipet-24, Armur-23, Mortad-19, Dich Palle-18, Ranjal-16, Makloor-15, Bodhan-15, Armoor(arg)-14, Varni-14, Balkonda-14, Nandipet-14, Nizamabad-13, Jakranpalle-12, Velpur-11, Kotgiri-11, Rudrur- 11, Yeda Palle- 11, Bheemgal- 11, Kammar Palle-9, Dhar Palle - 8, Peddapalle: Ramgundam-23, Manthani-16, Peddapalle-13, Elagaid (dist Peddapalle) 11, Nirmal: Mudhole-21, Nirmal-18, Dilawarpur-16, Nirmal(arg)-15, Sarangapur-15, Laxmanchanda-12, Khanpur-12, Kumaram Bheem: Bijjur(arg)-20, Bejjur-16, Jainoor-13, Dahegaon-12, Sirpuru-10, Kerameri-9, Mulugu: Tadwai Mlg-17, Venkatapuram-15, Govindaraopet-12, Venkatapur-11, Adilabad: Utnur-14, Boath-14, Bazarhathnoor-11, Jagtial: Metpalle-14, Sarangapur-14, Kathlapur-12, Jagtial-11, Velagatoor-9, Pegadapalle- 8, Mallapur-8, Rajanna Sircilla: Gambhiraopet-14, Chandurthi-10, Bhupalpally: Bhupalpally-13, Kamareddy: Banswada-13;
- ❖ **Madhya Maharashtra:** Nashik : Igatpuri -24, Peth - 13, Surgana - 12, Harsul – Fmo- 11, Trimbakshwar- 9, Satara: Mahabaleshwar- Imd Obsy- 17, Kolhapur: Shahuwadi - 13, Pune: Vadgaon Maval-10, Velhe-10, Paud Mulshi -8, Jalgaon: Dahigaon - Fmo -9, Jalgaon - Imd Pt -8, Nandurbar: Akkalkuwa-9, Nandurbar-8;
- ❖ **Gujarat Region:** Valsad: Dharampur-22, Kaprada-19, Nanipalson - 14, Valsad_ Kvk Aws-10, Navsari: Vansda - 21, Chikhli -20, Khergam - 18, Dangs: Dang_kvks Aws-18, Dangs (ahwa) -18, Waghai -16, Subir-14, Surat: Umerpada - 18, Tapi: Vyara - 11, Chhota Udepur: Sankheda -10;
- ❖ **East Madhya Pradesh:** Chindwara: Sausar-22, Mohkheda-11, Harrai-7;
- ❖ **Chhattisgarh:** Bijapur : Bijapur-22, Kanker: Pakhanjur-11, Bastar: Lohandiguda-9, Rajnandgaon: Ambagarh Chowki-8;
- ❖ **Coastal Karnataka:** Dakshina Kannada: Subramanya-21, Mulki- 20, Belthangadi- 18, Dharmasthala-17, Mani-16, Sulya-13, Mangaluru Ap Obsy-12, Puttur Hms-12, Panambur Obsy- 11, Mangaluru-10, Uttara Kannada: Siddapur-10, Gersoppa and Shirali-8 each; Udupi: Kota-9;
- ❖ **South Interior Karnataka:** Kodagu: Bhagamandala-17, Napoklu-9, Somwarpet-9, Virajpet-8, Ponnampet Pwd-7, Chikkamagaluru: Jayapura-17, Kottigehara-, Sringeri Hms-12, Balehonnur-11, Hassan: Sakleshpura-7;
- ❖ **Konkan & Goa:** Sindhudurg: Sawantwadi-15, Thane: Ulhasnagar-11, Raigad: Karjat_agri-9, Matheran-8, North Goa: Valpoi-9, Palghar: Jawhar-9, Mokheda – Fmo-8, Ratnagiri: Khed-8;
- ❖ **Haryana:** Yamunanagar: Tajewala-15, Ambala: Ambala-9, Sirsa: Sirsa-9, Jind: Narwana-7, Kurukshetra: Babain-7;
- ❖ **West Madhya Pradesh:** Bhopal: Navibagh Aet -14, Bairagarh Airport-13, Bhopal Arera Hills-8, Vidisha: Shamshabad- 14, Gyaspur-8, Sehore: Shyampur- 12, Guna: Chachoda-11, Sehore: Rehti-10;
- ❖ **Kerala & Mahe:** Kasargod: Vellarikkundu-14, Kudulu-11, Hosdurg-8, Wynad: Padinjarathara Dam-12, Ambalavayal, Manantoddy & Vyttili-7 Each, Kozhikode: Kakkayam-8, Cannur: Taliparamba-8, Idukki: Munnar-7, Palakkad: Kanjirapuzha-7;

- ❖ **Uttarakhand:** Udham Singh Nagar: Kashipur-13, Bageshwar: Loharkhet & Sama-8 Each; Dehradun: Dehradun-11, Jollygrant-8, Rishikesh & Haripur-7 Each, Garhwal Pauri: Kotdwara-10, Garhwal Tehri: Narendranagar-7, Hardwar: Roshnabad-9, Hardwar-8;
- ❖ **North Interior Karnataka:** Belagavi: Londa-13, Kalaburgi: Khajuri-7;
- ❖ **Marathwada:** Nanded: Dharmabad-12, Umari-10, Bhokar- 10, Kinwat-10, Billoli-7, Aurangabad: Soegaon-7;
- ❖ **Himachal Pradesh:** Kangra: Kangra & Dharmsala-11 Each; Nurpur-8, Sirmaur: Paonta-11;
- ❖ **Punjab:** Sangrur: Sangrur-11, Fatehgarh Sahib: Sirhind-11, Jalandhar: Adampur-9, Patiala: Bhadson-8, Rupnagar: Chamkor Sahib-8;
- ❖ **Taminadu, Puducherry & Karaikal:** Nilgiris: Devala-10, Avalanche-9, Coimbatore: Chinnakalar-9;
- ❖ **Arunachal Pradesh:** Tirap: Deomali-10;
- ❖ **Saurashtra & Kutch:** Kutch: Mundra-9, Junagadh: Visavadar-7;
- ❖ **East Rajasthan:** Bharatpur: Uchchain- 8, Jhalawar: Khanpur- 7, Dholpur: Sarmathura- 7, Kota: Mandana-7;
- ❖ **Coastal Andhra Pradesh & Yanam:** West Godavari: Chintalapudi and Koyyalagudem-7 each;
- ❖ **Odisha:** Dhenkanal: Hindol-7, Ganjam: Jagannath Prasad-7, Mayurbhanj: Kaptipada and Udala-7 Each;
- ❖ **Assam:** Sonitpur: Tezpur-7;



EXPECTED IMPACT & ACTION SUGGESTED DUE TO-

(i) **Isolated extremely heavy rainfall** over Telangana during 10th-12th; Gujarat Region, ghat areas of Madhya Maharashtra during 10th-14th; Saurashtra & Kutch on 13th & 14th; Konkan & Goa during 11th- 14th; Coastal Karnataka during 10th-13th, Chhattisgarh & Coastal Andhra Pradesh on 10th & 11th; Vidarbha during 10th - 12th July, 2022.

(ii) **Isolated very heavy rainfall** over Uttarakhand and Saurashtra & Kutch during 10th-12th; Marathwada on 11th & 12th; Coastal Karnataka on 14th; Kerala & Mahe on 10th, 13th & 14th; Haryana-Chandigarh, East Rajasthan and Konkan & Goa on 10th; Coastal Andhra Pradesh & Yanam on 12th & 13th; Interior Karnataka on 10th & 11th; West Madhya Pradesh on 11th & 12th; East Madhya Pradesh on 11th; Odisha during 12th-14th; Vidarbha on 13th and over Chhattisgarh on 12th & 13th July, 2022.

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 kutcha 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:** >204.4 mm.

Region wise classification of meteorological Sub-Divisions:

- 1) **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.
- 2) **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
- 3) **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
- 4) **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- 5) **West India:** Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra and Marathwada.
- 6) **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)



WARNING
WARNING (TAKE ACTION)
ALERT (BE PREPARED)
WATCH (BE UPDATED)
NO WARNING (NO ACTION)

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

