



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release
Date: 12th July, 2022
Time of Issue: 1300 hrs IST

Subject: Current intense wet spell over Gujarat, Konkan and north Madhya Maharashtra likely to continue till 14th July and over Central & adjoining Peninsular India till 13th July, 2022.

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

- **Heavy to very heavy rainfall with extremely heavy falls** at isolated places occurred over Vidarbha, Chhattisgarh, Gujarat region, Konkan & Goa and Madhya Maharashtra; **heavy to very heavy rainfall** at isolated places occurred over Madhya Pradesh, Odisha, Saurashtra & Kutch, Telangana, Coastal & South Interior Karnataka, Tamilnadu and Kerala; **heavy rainfall** at isolated places over Himachal Pradesh, Uttarakhand, Haryana, Delhi, east Rajasthan, Assam, Marathwada and Coastal Andhra Pradesh (**Annexure I**).

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

- A **Well Marked Low Pressure Area** lies over south coastal Odisha & neighbourhood with the associated cyclonic circulation extends upto middle 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.
- **Under the influence above systems;**
 - Fairly widespread/widespread light/moderate 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 West Madhya Pradesh during 12th – 16th; East Madhya Pradesh during 14th – 16th; Vidarbha and Chhattisgarh on 13th; Kerala & Mahe, Marathwada and Coastal Andhra Pradesh on 12th; Coastal & South Interior Karnataka during 12th-13th; Konkan & Goa and Madhya Maharashtra on 15th & 16th; Gujarat region on 14th; Odisha on 12th, 13th, 15th & 16th and over Saurashtra & Kutch on 15th July, 2022.
 - ✓ Isolated **extremely heavy falls** very likely over Vidarbha, Telangana & Chhattisgarh on 12th; Gujarat region on 12th & 13th; over Saurashtra & Kutch, ghat areas of Madhya Maharashtra and Konkan & Goa during 12th – 14th July, 2022.

- Isolated/scattered light/moderate rainfall activity very likely over Rayalaseema and Tamil Nadu, Puducherry & Karaikal during next 5 days.
 - ✓ Isolated **heavy rainfall** also likely over Tamil Nadu, Puducherry & Karaikal on 12th July, 2022.

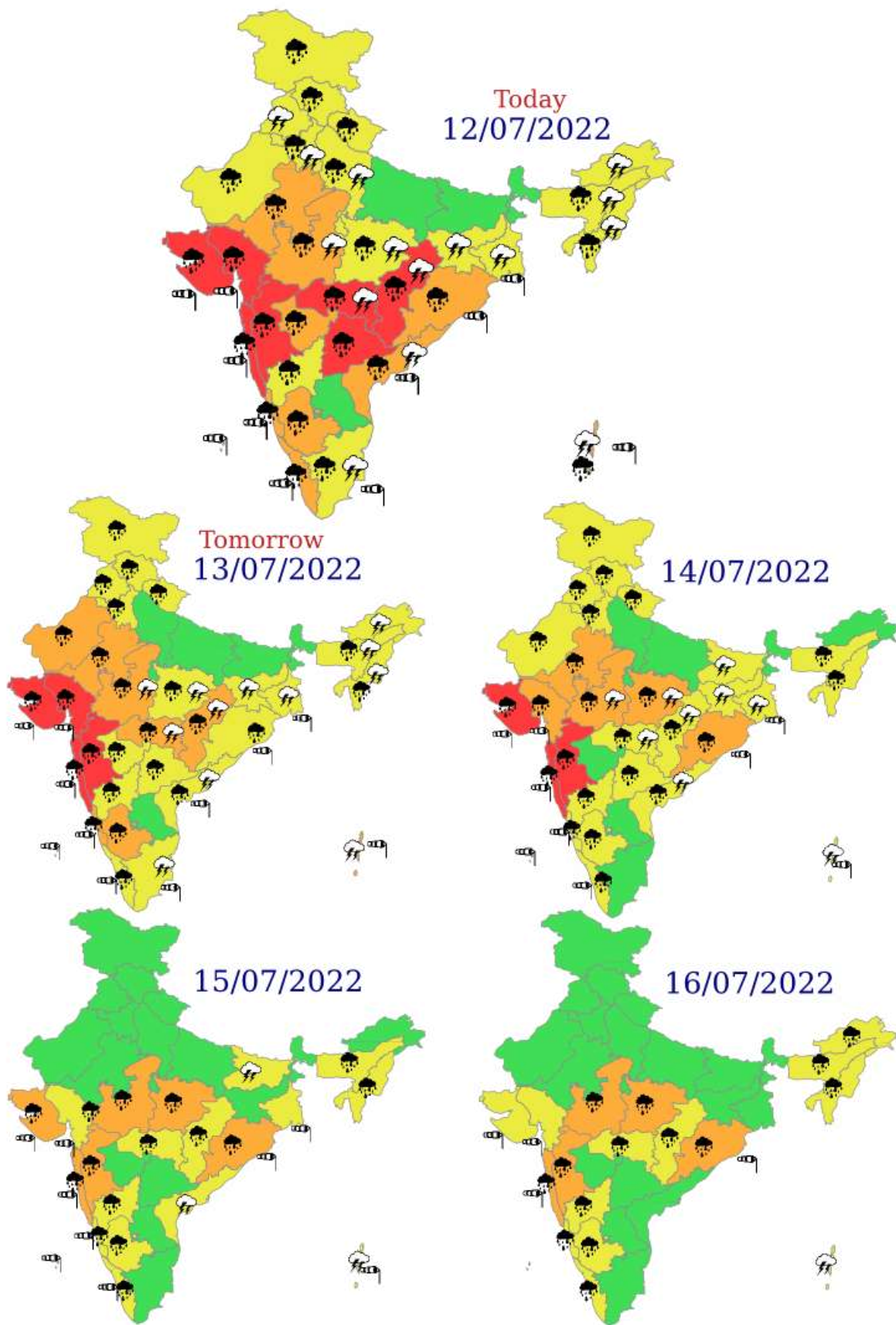
- Scattered to fairly widespread light/moderate rainfall with isolated **thunderstorm/lightning** very likely over Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad, Himachal Pradesh, Uttarakhand, Punjab, Haryana, Chandigarh, Delhi during next 3 days.
 - ✓ Isolated **heavy rainfall** very likely over Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad, Himachal Pradesh, Uttarakhand and Haryana during 12th-14th; over Punjab on 13th & 14th and over Delhi on 12th July, 2022.

Rainfall (in cm):

- ❖ **Telangana:** Kerameri (dist Kumaram Bheem) 20, Utnur (dist Adilabad) 17, Jainoor (dist Kumaram Bheem) 15, Utnoor(arg) (dist Adilabad) 15, Venkatapuram (dist Mulugu) 13, Sirpuru (dist Kumaram Bheem) 12, Asifabad (dist Kumaram Bheem) 11, Asifabad(arg) (dist Kumaram Bheem) 11, Boath (dist Adilabad) 11, Bejjur (dist Kumaram Bheem) 10, Adilabad (dist Adilabad) 10, Nirmal (dist Nirmal) 9, Laxmanchanda (dist Nirmal) 9, Kagaznagar (dist Kumaram Bheem) 8, Nirmal(arg) (dist Nirmal) 7, Bijjur(arg) (dist Kumaram Bheem) 7, Bazarhathnoor (dist Adilabad) 7, Khanpur (dist Nirmal) 7, Sarangapurnrl (dist Nirmal) 7, Tamsi (dist Adilabad) 7, Metpalle (dist Jagtial) 7, Mallapur (dist Jagtial) 7.
- ❖ **Madhya Maharashtra:** Peth (dist Nashik) 33, Mahabaleshwar- Imd Obsy (dist Satara) 25, Lonavala_agri (dist Pune) 20, Igatpuri (dist Nashik) 19, Trimbakshwar (dist Nashik) 17, Nda Pune - Arg (dist Pune) 17, Surgana (dist Nashik) 16, Navapur (dist Nandurbar) 15, Pimpalgaonbaswant_agri (dist Nashik) 14, Dindori (dist Nashik) 10, Nashik - Imd Obsy (dist Nashik) 10, Shahuwadi (dist Kolhapur) 10, Kalvan (dist Nashik) 9, Sakri (dist Dhule) 9, Gaganbawada (dist Kolhapur) 9, Radhanagari (dist Kolhapur) 8, Malegaon Camp - Imd Pt (dist Nashik) 8, Ajra (dist Kolhapur) 8, Patan (dist Satara) 8, Satna Baglan (dist Nashik) 8, Yaval (dist Jalgaon) 7, Bhore (dist Pune) 7, Devla (dist Nashik) 7, Taloda (dist Nandurbar) 7.
- ❖ **Marathawada:** Kinwat (dist Nanded) 7.
- ❖ **Vidarbha:** Ahiri (dist Gadchiroli) 21, Ballarpur (dist Chandrapur) 11, Arni (dist Yeotmal) 11, Joiti (dist Chandrapur) 9, Rajura (dist Chandrapur) 8, Gadchiroli (dist Gadchiroli) 7, Sironcha (dist Gadchiroli) 7, Goregaon (dist Gondia) 7, Sakoli (dist Bhandara) 7, Etapalli (dist Gadchiroli) 7.
- ❖ **Gujarat Region:** Dediapada (dist Narmada) 53, Tilakwada (dist Narmada) 51, Umerpada (dist Surat) 43, Sagbara (dist Narmada) 42, Kaprada (dist Valsad) 40, Jambughoda (dist Panchmahal) 39, Garudeshwar (dist Narmada) 37, Nandod (dist Narmada) 35, Dangs (ahwa) (dist Dangs) 32, Narmada_kvks Aws (dist Narmada) 31, Subir (dist Dangs) 29, Ukai (dist Surat) 26, Dharampur (dist Valsad) 25, Khanvel (dist Dadara & Nagar Haveli) 24, Godhra (dist Panchmahal) 24, Uchchhal (dist Tapi) 23, Madhbun (dist Dadara & Nagar Haveli) 22, Songadh (dist Tapi) 22, Vapi (dist Valsad) 21, Mangrol (dist Surat) 20, Valsad_Kvks Aws (dist Valsad) 20, Dang_kvks Aws (dist Dangs) 19, Sankheda (dist Chhota Udepur) 19, Umernagar (dist Valsad) 18, Silvassa (dist Dadara & Nagar Haveli) 18, Waghai (dist Dangs) 17, Naswadi (dist Chhota Udepur) 17, Rajpipala (dist Narmada) 16, Valsad (dist Valsad) 15, Pardi (dist Valsad) 14, Bodeli (dist Chhota Udepur) 13, Vansda (dist Navsari) 13, Daman (dist Daman) 12, Nanipalson (dist Valsad) 11, Mahuva (dist Surat) 11, Netrang (dist Bharuch) 11, Vyara (dist Tapi) 11, Dolvan (dist Tapi) 11, Dabhoi (dist Vadodara) 10, Daman_fmto (dist Daman) 10, Sojitra (dist Anand) 10, Bharuch (dist Bharuch) 10, Khergam (dist Navsari) 9, Mandvi (dist Surat) 9, Dantiwada (dist Banaskantha) 9, Valia (dist Bharuch) 9, Chhotaudepur_kvks Aws (dist Chhota Udepur) 9, Shahera (dist Panchmahal) 9, Sinor (dist Vadodara) 9, Jhagadia (dist Bharuch) 9, Valod (dist Tapi) 9, Tarapur (dist Anand) 8, Lunawada (dist Mahisagar) 8, Maktampur_aws (dist Bharuch) 8, Dantewada_aws (dist Banaskantha) 8, Palsana (dist Surat) 8, Sanjeli (dist Dahod) 8, Karjan (dist Vadodara) 8, Dhansura (dist Aravalli) 7, Petlad (dist Anand) 7, Ankleshwar (dist Bharuch) 7, Bhabhar (dist Banaskantha) 7, Radhanpur (dist Patan) 7.
- ❖ **Chhattisgarh:** Bijapur (dist Bijapur) 20, Pakhanjur (dist Kanker) 11, Mainpur (dist Gariaband) 9, Antagarh (dist Kanker) 9, Usoor (dist Bijapur) 9, Durgkondal (dist Kanker) 9, Nagari (dist Dhamtari) 9, Kanker (dist Kanker) 8, Mohla (dist Rajnandgaon) 8, Dhamtari (dist Dhamtari) 8, Keshkal (dist Kondagaon) 7, Bhanupratappur (dist Kanker) 7, Bhairamgarh (dist Bijapur) 7, Baderajpur (dist Kondagaon) 7, Makadi (dist Kondagaon) 7, Sukma (dist Sukma) 7.
- ❖ **Konkan & Goa:** Jawhar (dist Palghar) 29, Talasari (dist Palghar) 26, Wada (dist Palghar) 20, Sudhagad Pali (dist Raigad) 19, Vikramgad (dist Palghar) 17, Bhiwandi (dist Thane) 15, Karjat_agri (dist Raigad) 15, Kalyan (dist Thane) 15, Roha (dist Raigad) 15, Matheran (dist Raigad) 15, Ambernath (dist Thane) 14, Ulhasnagar (dist Thane) 13, Khalapur (dist Raigad) 13, Khed (dist Ratnagiri) 12, Pen (dist Raigad) 12, Mahad (dist Raigad) 11, Sangameshwar Devrukh (dist Ratnagiri) 11, Mandangad (dist Ratnagiri) 11, Palghar_agri (dist Palghar) 11, Shahapur (dist Thane) 11, Vasai (dist Palghar) 10, Thane (dist Thane) 10, Dahanu - Imd Obsy (dist Palghar) 10, Lanja (dist Ratnagiri) 9, Poladpur (dist Raigad) 9, Chiplun (dist Ratnagiri) 9, Tala (dist Raigad) 9, Panvel_agri (dist Raigad) 9, Sanguem (dist South Goa) 9, Tbia Imd Part Time (dist Thane) 9, Wakwali_agri (dist Ratnagiri) 8, Mangaon (dist Raigad) 8, Quepem (dist South Goa) 7, Sawantwadi (dist Sindhudurg) 7, Murbad (dist Thane) 7.
- ❖ **Delhi:** Northwest Delhi: Pitmpura-8.
- ❖ **East Rajasthan:** Sirohi: Mounntabu-8, Pratapgarh-8, Kota: Sangod-7.
- ❖ **Saurashtra & Kutch:** Rajkot (dist Rajkot) 20, Jodia (dist Jamnagar) 12, Kotdasangani (dist Rajkot) 12,

Dhrol (dist Jamnagar) 11, Mandvi(k)_aws (dist Kutch)11, Mundra (dist Kutch) 10, Targhadia_aws (dist Rajkot) 10, Jamnagar (dist Jamnagar) 9, Lodhika (dist Rajkot) 9, Okha (dist Devbhoomi Dwarka) 8, Lakhpat (dist Kutch) 7, Mandvi(k) (dist Kutch) 7, Malia_miana (dist Morbi) 7, Jamnagar_kv Aw (dist Jamnagar) 7, Naliya (dist Kutch) 7, Tankara (dist Morbi) 7, Abdasa (dist Kutch) 7.

- ❖ **Coastal Andhra Pradesh & Yanam:** Chintur (dist East Godavari) 7, Nuzvid (dist Krishna) 7.
- ❖ **Tamilnadu, Puducherry & Karaikal:** The Nilgiris: Devala-12, Upperbhavani-10, Gudalur Bazaar-8, Coimbatore: Chinnakalar and Valparai PTO-9, Cincona-8, Valparai PAP-7, Valparai Taluk Office-7.
- ❖ **Uttarakhand:** Champawat: Banbasa-8, Bageshwar: Sama-7, Garwal Pauri: Kotdwara-8, Udham sing Nagar: Khatima-8.
- ❖ **Kerala & Mahe:** Wynad: Padingarathara-12, Wayanad (WYD): Vythiri (VYT)-7; Kozhikode: Kakkayam-7.
- ❖ **Coastal Karnataka:** Subramanya (dist Dakshina Kannada) 13, Siddapura (dist Udupi) 12, Gersoppa (dist Uttara Kannada) 11, Siddapur (dist Uttara Kannada) 9, Kollur (dist Udupi) 9, Gokarna (dist Uttara Kannada) 8, Udupi (dist Udupi) 8, Manki (dist Uttara Kannada) 8, Belthangadi (dist Dakshina Kannada) 8, Karkala (dist Udupi) 8, Kumta (dist Uttara Kannada) 7, Shirali Pto (dist Uttara Kannada) 7, Kadra (dist Uttara Kannada) 7, Manchikere (dist Uttara Kannada) 7.
- ❖ **S. I. Karnataka:** Linganamakki Hms (dist Shivamogga) 13, Somwarpet (dist Kodagu) 12, Sringeri Hms (dist Chikkamagaluru) 9, Balehonnur (dist Chikkamagaluru) 8, Tyagarthi (dist Shivamogga) 7, Koppa (dist Chikkamagaluru) 7, Kottigehara (dist Chikkamagaluru) 7.



EXPECTED IMPACT & ACTION SUGGESTED DUE TO-

(i) **Isolated extremely heavy rainfall** over Vidarbha, Telangana & Chhattisgarh on 12th; Gujarat region on 12th & 13th; over Saurashtra & Kutch, ghat areas of Madhya Maharashtra and Konkan & Goa during 12th – 14th July, 2022.

(ii) **Isolated very heavy rainfall** over West Madhya Pradesh during 12th – 16th; East Madhya Pradesh during 14th – 16th; Vidarbha and Chhattisgarh on 13th; Kerala & Mahe, Marathwada and Coastal Andhra Pradesh on 12th; Coastal & South Interior Karnataka during 12th-13th; Konkan & Goa and Madhya Maharashtra on 15th & 16th; Gujarat region on 14th; Odisha on 12th, 13th, 15th & 16th and over Saurashtra & Kutch on 15th 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

