



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

**Press Release
Date: 13th July, 2022
Time of Issue: 1300 hrs IST**

Subject: Intense wet spell likely to continue over West coast and over Central & adjoining Peninsular India till 14th July, 2022 and decrease thereafter.

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

- **Heavy to very heavy rainfall at a few places with extremely heavy falls** at isolated places occurred over Telangana and **heavy to very heavy rainfall with extremely heavy falls** at isolated places occurred over Chhattisgarh, Gujarat State, Madhya Pradesh, Konkan & Goa, Madhya Maharashtra, Marathwada; **heavy to very heavy rainfall** at isolated places occurred over Vidarbha, Himachal Pradesh, East Rajasthan, Odisha, Coastal & South Interior Karnataka, Tamilnadu and Kerala and **heavy rainfall** at isolated places over, Uttarakhand, West Uttar Pradesh, Haryana-Chandigarh, Punjab, Assam, Andaman & Nicobar Islands and North Interior Karnataka.(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 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 middle & upper 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 5 days.
 - ✓ **Isolated very heavy rainfall** very likely over West Madhya Pradesh & Telangana on 14th; East Madhya Pradesh on 13th & 17th; Vidarbha on 14th & 17th; Chhattisgarh on 16th & 17th; Odisha during 13th-16th; Konkan & Goa, Madhya Maharashtra & Gujarat region on 15th; Saurashtra & Kutch on 16th; North Interior Karnataka, Tamilnadu and Kerala & Mahe on 13th; Coastal & South Interior Karnataka on 13th & 14th July, 2022.
 - ✓ **Isolated heavy to very rainfall with extremely heavy falls very likely over West Madhya Pradesh, Vidarbha, Marathwada, Telangana & Chhattisgarh on 13th; Gujarat region, ghat areas of Madhya Maharashtra and Konkan & Goa on 13th & 14th and over Saurashtra & Kutch during 13th-15th July, 2022.**
 - Isolated/scattered light/moderate rainfall activity very likely over Rayalaseema and Tamil Nadu, Puducherry & Karaikal during next 5 days.

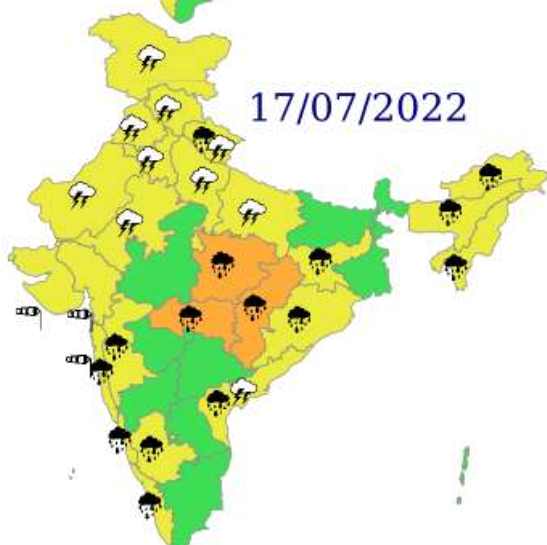
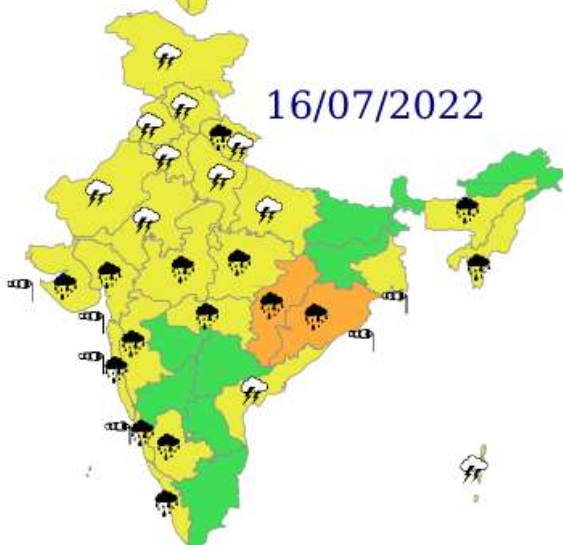
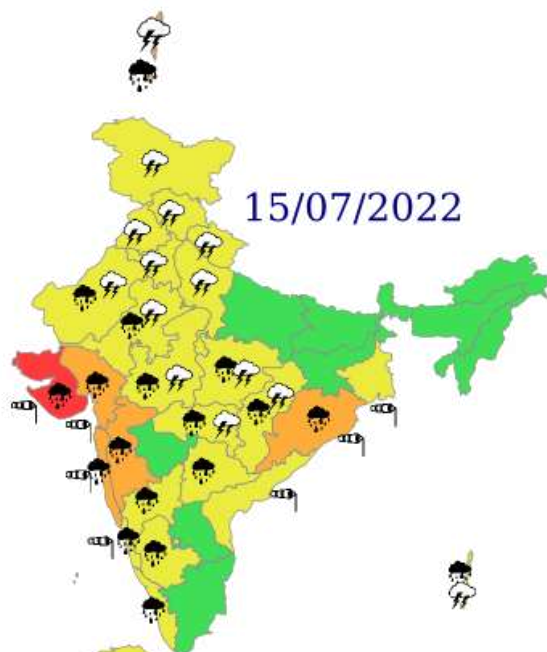
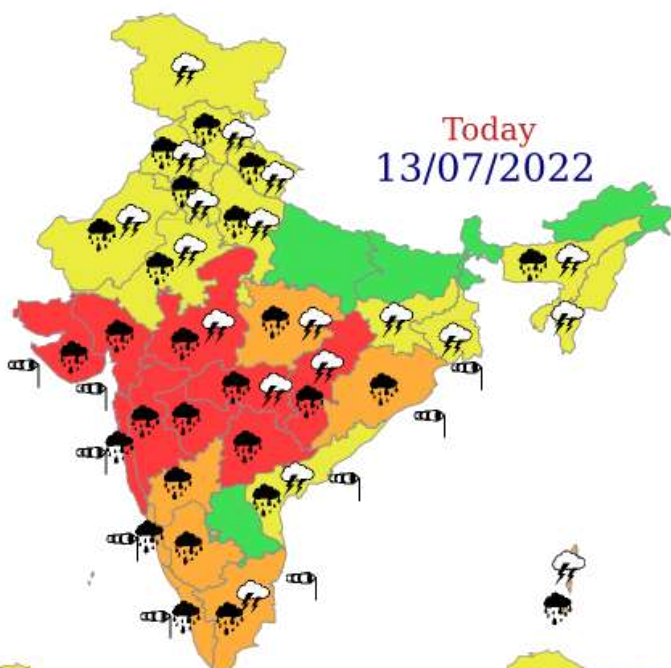
- ✓ Isolated **heavy to very heavy rainfall** also likely over Tamil Nadu, Puducherry & Karaikal on 13th July, 2022.
- Scattered to fairly widespread light/moderate rainfall with isolated **thunderstorm/lightning** very likely over Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad, Himachal Pradesh, Uttarakhand during next 5 days and over Punjab, Haryana, Chandigarh, Delhi & Rajasthan during next 3 days with reduction thereafter and isolated rainfall activity over Uttar Pradesh during next 5 days.
- ✓ Isolated **heavy rainfall** very likely over Himachal Pradesh, Punjab & Haryana on 13th & 14th, Uttarakhand on 13th, 14th, 16th & 17th; West Uttar Pradesh on 13th and over Rajasthan during 13th-15th July, 2022. Isolated **heavy to very heavy rainfall** also likely over East Rajasthan on 14th July, 2022.

Annexure I

Rainfall (in cm):

- ❖ **Telangana:** Jainoor (dist Kumaram Bheem) 39, Kerameri (dist Kumaram Bheem) 38, Sirpuru (dist Kumaram Bheem) 35, Laxmanchanda (dist Nirmal) 29, Elagaid (dist Peddapalle) 25, Sultanabad (dist Peddapalle) 25, Dharmaram (dist Peddapalle) 25, Peddapalle (dist Peddapalle) 24, Luxettipet (dist Mancherial) 24, Utnur (dist Adilabad) 24, Nirmal (dist Nirmal) 23, Dharmapuri (dist Jagtial) 23, Dilawarpur (dist Nirmal) 23, Venkatapuram (dist Mulugu) 22, Sarangapurnrl (dist Nirmal) 22, Khanpur (dist Nirmal) 22, Choppadandi (dist Karimnagar) 21, Balkonda (dist Nizamabad) 21, Velagatoor (dist Jagtial) 21, Bheemgal (dist Nizamabad) 21, Dandepalle (dist Mancherial) 20, Pegadapalle (dist Jagtial) 20, Srirampur (dist Peddapalle) 20, Julapalle (dist Peddapalle) 20, Metpalle (dist Jagtial) 20, Boath (dist Adilabad) 19, Sarangapur (dist Jagtial) 19.
- ❖ **Chhattisgarh:** Bijapur (dist Bijapur) 30, Bhopalpatnam (dist Bijapur) 15, Dhamtari (dist Dhamtari) 15, Makadi (dist Kondagaon) 14, Dondilohara (dist Balod) 13, Balod (dist Balod) 13, Gariabund (dist Gariaband) 12, Deobhog (dist Gariaband) 12, Magarlod (dist Dhamtari) 12, Durgkondal (dist Kanker) 11, Gurur (dist Balod) 11.
- ❖ **Madhya Maharashtra:** Lonavala_agri (dist Pune) 19, Mahabaleshwar- Imd Obsy (dist Satara) 14, Gaganbawada (dist Kolhapur) 12, Radhanagari (dist Kolhapur) 10, Paud Mulshi (dist Pune) 10, Igatpuri (dist Nashik) 10.
- ❖ **Marathawada:** Kinwat (dist Nanded) 21, Himayatnagar (dist Nanded) 19, Mudkhed (dist Nanded) 18, Bhokar (dist Nanded) 17, Ardhapur (dist Nanded) 15, Umari (dist Nanded) 15, Hadgaon (dist Nanded) 15, Dharmabad (dist Nanded) 14, Nanded - Imd Parttime (dist Nanded) 13, Billoli (dist Nanded) 11.
- ❖ **West Madhya Pradesh:** Godadongri (dist Betul) 25, Chicholi (dist Betul) 23, Timarni (dist Harda) 20, Bhimpur (dist Betul) 19, Shahpur (dist Betul) 18, Betul (dist Betul) 14, Moman Badodiya (dist Shajapur) 13, Pachmarhi (dist Narmadapuram) 11.
- ❖ **East Madhya Pradesh:** Sausar (dist Chindwara) 21, Tirodi (dist Balaghat) 20, Bichhua (dist Chindwara) 19, Kurai (dist Seoni) 11, Waraseoni (dist Balaghat) 11, Katangi (dist Balaghat) 10, Balaghat-aws (dist Balaghat) 10, Lalburra (dist Balaghat) 9.

- ❖ **Vidarbha:** Bhamragad (dist Gadchiroli) 16, Joiti (dist Chandrapur) 16, Samudrapur (dist Wardha) 15, Tumsar (dist Bhandara) 15, Saoner (dist Nagpur) 15, Sironcha (dist Gadchiroli) 14, Korpana (dist Chandrapur) 14, Lakhandur (dist Bhandara) 13.
- ❖ **Gujarat Region:** Vagra (dist Bharuch) 23, Waghai (dist Dangs) 17, Vansda (dist Navsari) 17, Dangs (ahwa) (dist Dangs) 16, Karjan (dist Vadodara) 15, Dolvan (dist Tapi) 14, Vyara (dist Tapi) 14, Songadh (dist Tapi) 14, Nanipalson (dist Valsad) 14, Mandvi (dist Surat) 13, Dhansura (dist Aravalli) 13, Mahuva (dist Surat) 12, Subir (dist Dangs) 11, Khedbrahma (dist Sabarkantha) 11, Valod (dist Tapi) 11.
- ❖ **Konkan & Goa:** Matheran (dist Raigad) 22, Wada (dist Palghar) 15, Karjat_agri (dist Raigad) 14, Khalapur (dist Raigad) 12, Palghar_agri (dist Palghar) 12, Lanja (dist Ratnagiri) 12, Vikramgad (dist Palghar) 12, Sudhagad Pali (dist Raigad) 11, Chiplun (dist Ratnagiri) 10, Pen (dist Raigad) 10, Mokheda - Fmo (dist Palghar) 9.
- ❖ **East Rajasthan:** Udaipur: Mavli-12, Dungarpur: Sagwara-7.
- ❖ **Saurashtra & Kutch:** Anjar (dist Kutch) 21, Gandhidham (dist Kutch) 17, Nakhatrana (dist Kutch) 14, Bhuj (dist Kutch) 12, Jodia (dist Jamnagar) 11, Sutrapada (dist Gir Somnath) 10, Abdasa (dist Kutch) 9, Mandvi(k) (dist Kutch) 8.
- ❖ **Tamilnadu, Puducherry & Karaikal:** The Nilgiris: Gudalur Bazaar-18, Upper Gudalur-16, Devala-15, Upperbhavani-13, Avalanche-12, Taluk Office Pandalur-10, Naduvattam-9, Harisan Malayalam Ltd. Went worth Estate, Cherangode-8, Glenmorgan-7.
- ❖ 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:** Chamoli: Karnaprayag-11.
- ❖ **Himachal Pradesh:** Kangra: Nurpur & Nagrota Surian-11 each, Guler-7.
- ❖ **Odisha:** Nawrangpur: Jhorigam-12, Umarkote-10, Bargarh: Barpalli-9, Keonjargarh: Harichandanpur-9, Nawapara: Sinapali-9, Bolangir: Titlagarh-8, Ganjam: Bhanjnar-8.
- ❖ **Kerala & Mahe:** Wynad: Padingarathara-12, Wayanad (WYD): Vythiri (VYT)-11; Pallakad: Mannarkad-8, Kannur: Aralam-8.
- ❖ **West Uttar Pradesh:** Meerut: Meerut-9, Muzaffarnagar: Jansath-7.
- ❖ **Haryana-Chandigarh:** Hodal (dist Palwal) 9, Rajaund (dist Kaithal) 7.
- ❖ **Punjab:** Phangota (dist Pathankot) 8.
- ❖ **Assam & Meghalaya:** Nongstein (dist West Khasi Hills) 7;
- ❖ **North Interior Karnataka:** Londa (dist Belagavi) 8, Khajuri (dist Kalaburgi) 7, Aurad (dist Bidar) 7,
- ❖ **Coastal Karnataka:** Castle Rock (dist Uttara Kannada) 13, Gersoppa (dist Uttara Kannada) 8.
- ❖ **S. I. Karnataka:** Sringeri Hms (dist Chikkamagaluru) 13, Koppa (dist Chikkamagaluru) 11, Linganamakki Hms (dist Shivamogga) 9.
- ❖ **Andaman & Nicobar Islands:** Long Island-8.



EXPECTED IMPACT & ACTION SUGGESTED DUE TO-

(i) **Isolated extremely heavy rainfall** over West Madhya Pradesh, Vidarbha, Marathwada, Telangana & Chhattisgarh on 13th; Gujarat region, ghat areas of Madhya Maharashtra and Konkan & Goa on 13th & 14th and over Saurashtra & Kutch during 13th-15th July, 2022.

(ii) **Isolated very heavy rainfall** over West Madhya Pradesh & Telangana on 14th; East Madhya Pradesh on 13th & 17th; Vidarbha on 14th & 17th; Chhattisgarh on 16th & 17th; Odisha during 13th-16th; Konkan & Goa, Madhya Maharashtra & Gujarat region on 15th; Saurashtra & Kutch on 16th; North Interior Karnataka, Tamilnadu and Kerala & Mahe on 13th; Coastal & South Interior Karnataka on 13th & 14th 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)



Heavy Rain



Strong Winds

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



Thunderstorm with Lightning



Heat Wave