



#### National Weather Forecasting Centre India Meteorological Department Ministry of Earth Sciences

Tuesday, July 02, 2024 Time of Issue: 2000 hours IST (NIGHT)

## All India Impact Based Weather Warning Bulletin

## 02 July (Day 1):

- Heavy to very heavy rainfall with extremely heavy falls very likely at isolated places over Uttarakhand & Gujarat Region; Heavy to very heavy rainfall at isolated places Haryana-Chandigarh-Delhi, West Uttar Pradesh, Sub-Himalayan West Bengal & Sikkim, Bihar, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Konkan & Goa, Madhya Maharashtra, Saurashtra & Kutch; Heavy rainfall at isolated places over Himachal Pradesh, Punjab, East Uttar Pradesh, East Rajasthan, Madhya Pradesh, Chhattisgarh, Jharkhand, Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe, Coastal & South Interior Karnataka.
- \* Thunderstorm accompanied with lightning & gusty winds (speed reaching 30-40 kmph) very likely at isolated places over Madhya Pradesh, Vidarbha, Rayalaseema and with lightning at isolated places over Chhattisgarh, Gangetic West Bengal, Bihar, Jharkhand, Odisha, Arunachal Pradesh, Gujarat state, Kerala & Mahe, Coastal Andhra Pradesh & Yanam.
- ❖ Squally weather with wind speed 35 kmph to 45 kmph gusting to 55 kmph very likely to prevail over southern parts of northeast Arabian sea and adjoining northwest Arabian sea, eastcentral and adjoining westcentral Arabian sea, northern parts of southeast & southwest Arabian sea, along and off Karnataka, Kerala coasts, over Lakshadweep area, gulf of Mannar, off Sri Lanka coast, south and central Bay of Bengal & north Bay of Bengal, along and off north Andhra Pradesh, Odisha, west Bengal coasts; squally weather with wind speed 45 kmph to 55 kmph gusting to 65 kmph to prevail along and off Gujarat, Maharashtra, Konkan, Goa coasts; squally wind with wind speed 45 kmph to 55 kmph gusting to 65 kmph to prevail along and off Somalia coast & adjoining and northern parts of southwest Arabian sea & westcentral Arabian sea, most parts of eastcentral Arabian sea, southern parts of north Arabian sea, along and off Yemen and Oman coasts. Fishermen are advised not to venture into these areas.

#### 03 July (Day 2):

- Heavy to very heavy rainfall very likely at isolated places over Uttarakhand, Punjab, Haryana-Chandigarh-Delhi, West Uttar Pradesh, Sub-Himalayan West Bengal & Sikkim, Bihar, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Gujarat Region; Heavy rainfall at isolated places over Himachal Pradesh, East Uttar Pradesh, Rajasthan, Madhya Pradesh, Chhattisgarh, Gangetic West Bengal, Jharkhand, Konkan & Goa, Madhya Maharashtra, Saurashtra & Kutch, Kerala & Mahe, Coastal & South Interior Karnataka.
- ❖ Thunderstorm accompanied with lightning & gusty winds (speed reaching 30-40 kmph) very likely at isolated places over Madhya Pradesh, Vidarbha, Rayalaseema and with lightning at isolated places over Chhattisgarh, Bihar, Gujarat state, Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe, Coastal Andhra Pradesh & Yanam, North Interior Karnataka.
- ❖ Squally weather with wind speed 35 kmph to 45 kmph gusting to 55 kmph likely to prevail over southern parts of northeast Arabian sea and adjoining northwest Arabian sea, eastcentral and adjoining westcentral Arabian sea, northern parts of southeast & southwest Arabian sea, along and off Gujarat, Maharashtra, Konkan, goa coasts, gulf of Mannar, off Sri Lanka coast, most parts of south Bay of Bengal, central Bay of Bengal & adjoining north Bay of Bengal, off north Andhra Pradesh, south Odisha coasts. Squally wind with wind speed 45 kmph to 55 kmph gusting to 65 kmph likely to prevail along and off Somalia coast & adjoining and northern parts of southwest Arabian sea & westcentral Arabian sea, most parts of eastcentral Arabian sea, southern parts of north Arabian sea, along and off Yemen and Oman coasts. Fishermen are advised not to venture into these areas.





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### 04 July (Day 3):

- \* Heavy to very heavy rainfall very likely at isolated places over Uttarakhand, West Uttar Pradesh, Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura; heavy rainfall at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Punjab, Haryana-Chandigarh-Delhi, East Uttar Pradesh, East Rajasthan, Madhya Pradesh, Andaman & Nicobar Islands, Gangetic West Bengal, Bihar, Jharkhand, Konkan & Goa, Madhya Maharashtra, Gujarat Region, Kerala & Mahe, Coastal Karnataka, South Interior Karnataka.
- Thunderstorm accompanied with lightning & gusty winds (speed reaching 30-40 kmph) very likely at isolated places over Madhya Pradesh, Vidarbha, Rayalaseema and with lightning at isolated places over Chhattisgarh, Gujarat state, Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe, Coastal Andhra Pradesh & Yanam, Interior Karnataka.
- ❖ Squally weather with wind speed 35 kmph to 45 kmph gusting to 55 kmph likely to prevail over southern parts of northeast Arabian sea and adjoining northwest Arabian sea, eastcentral and adjoining westcentral Arabian sea, northern parts of southeast & southwest Arabian sea, along and off Gujarat, Maharashtra, Konkan, Goa coasts, gulf of Mannar, off Sri Lanka coast, southwest Bay of Bengal & northern parts of southeast Bay of Bengal, central Bay of Bengal & adjoining northwest Bay of Bengal, off north Andhra Pradesh, south Odisha coasts. Squally weather with wind speed 45 kmph to 55 kmph gusting to 65 kmph likely to prevail over parts of westcentral Bay of Bengal. Squally wind with wind speed 45 kmph to 55 kmph gusting to 65 kmph likely to prevail along and off Somalia coast & adjoining and northern parts of southwest Arabian sea & westcentral Arabian sea, most parts of eastcentral Arabian sea, southern parts of north Arabian sea, along and off Yemen and Oman coasts. Fishermen are advised not to venture into these areas.

#### 05 July (Day 4):

- Heavy to very heavy rainfall with extremely heavy falls likely at isolated places over Arunachal Pradesh and Assam & Meghalaya; Heavy to very heavy rainfall at isolated places Uttarakhand, East Uttar Pradesh, Sub-Himalayan West Bengal & Sikkim, Nagaland, Manipur, Mizoram & Tripura, Coastal Karnataka; Heavy rainfall at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Punjab, Haryana-Chandigarh-Delhi, West Uttar Pradesh, East Rajasthan, Andaman & Nicobar Islands, Bihar, Konkan & Goa, Madhya Maharashtra, Gujarat Region, Kerala & Mahe, South Interior Karnataka.
- Thunderstorm accompanied with lightning & gusty winds (speed reaching 30-40 kmph) likely at isolated places over Madhya Pradesh, Vidarbha, Rayalaseema and with lightning at isolated places over Chhattisgarh, Gujarat state, Kerala & Mahe, Coastal Andhra Pradesh & Yanam, North Interior Karnataka.
- ❖ Squally weather with wind speed 35 kmph to 45 kmph gusting to 55 kmph likely to prevail over southern parts of northeast Arabian sea and adjoining northwest Arabian sea, eastcentral and adjoining westcentral Arabian sea, northern parts of southeast & southwest Arabian sea, along and off Gujarat, Maharashtra, Konkan, Goa coasts, gulf of Mannar, off Sri Lanka coast, southwest Bay of Bengal & adjoining southeast Bay of Bengal, central Bay of Bengal & adjoining northwest Bay of Bengal, off north Andhra Pradesh, south Odisha coasts. Squally weather with wind speed 45 kmph to 55 kmph gusting to 65 kmph likely to prevail over parts of westcentral Bay of Bengal. Squally wind with wind speed 45 kmph to 55 kmph gusting to 65 kmph likely to prevail along and off Somalia coast & adjoining and northern parts of southwest Arabian sea & westcentral Arabian sea, most parts of eastcentral Arabian sea, southern parts of north Arabian sea, along and off Yemen and Oman coasts. Fishermen are advised not to venture into these areas.

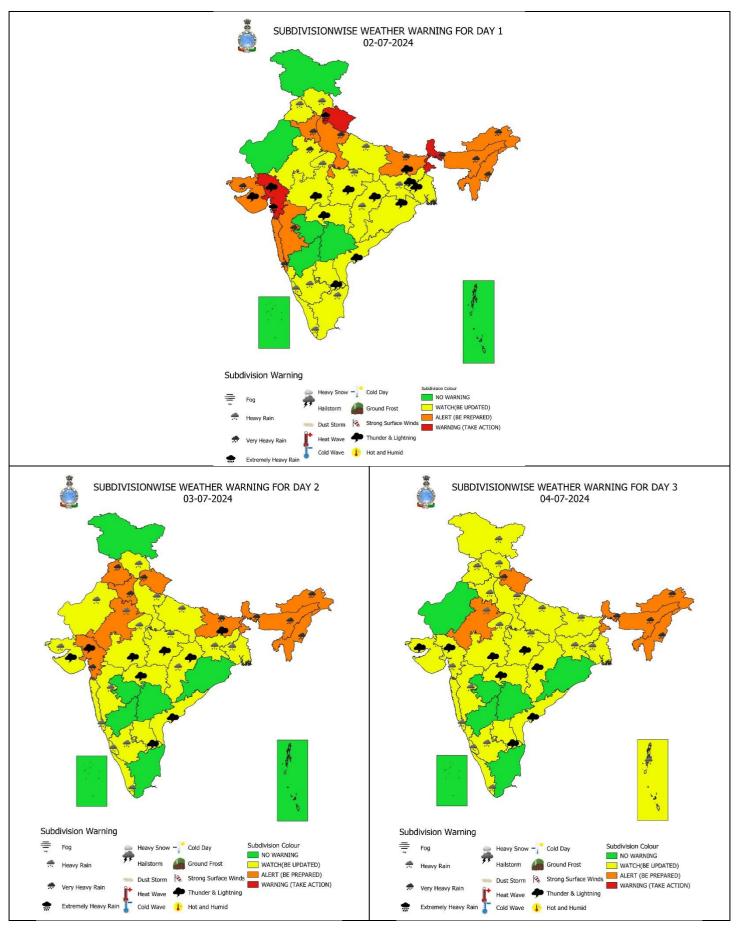
#### 06 July (Day 5):

- Heavy to very heavy rainfall with extremely heavy falls likely at isolated places over Arunachal Pradesh and Assam & Meghalaya; Heavy to very heavy rainfall at isolated places Uttarakhand, Uttar Pradesh, Konkan & Goa, Madhya Maharashtra, Coastal Karnataka; Heavy rainfall at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Punjab, Haryana-Chandigarh-Delhi, East Rajasthan, Sub-Himalayan West Bengal & Sikkim, Bihar, Odisha, Kerala & Mahe, South Interior Karnataka.
- Thunderstorm accompanied with lightning & gusty winds (speed reaching 30-40 kmph) likely at isolated places over Madhya Pradesh, Vidarbha, Rayalaseema and with lightning at isolated places over Chhattisgarh, Kerala & Mahe, Coastal Andhra Pradesh & Yanam.
- Squally weather with wind speed 35 kmph to 45 kmph gusting to 55 kmph likely to prevail over southern parts of northeast Arabian sea and adjoining northwest Arabian sea, eastcentral and adjoining westcentral Arabian sea, northern parts of southeast & southwest Arabian sea, gulf of Mannar, off Sri Lanka coast, south Bay of Bengal & adjoining southeast Bay of Bengal, central Bay of Bengal & adjoining northwest Bay of Bengal, off north Andhra Pradesh coast. Squally weather with wind speed 45 kmph to 55 kmph gusting to 65 kmph likely to prevail along and off Gujarat, Maharashtra, Konkan, Goa coasts, over parts of westcentral Bay of Bengal. Squally wind with wind speed 45 kmph to 55 kmph gusting to 65 kmph likely to prevail along and off Somalia coast & adjoining and northern parts of southwest Arabian sea & westcentral Arabian sea, most parts of eastcentral Arabian sea, southern parts of north Arabian sea, along and off Yemen and Oman coasts. Fishermen are advised not to venture into these areas.



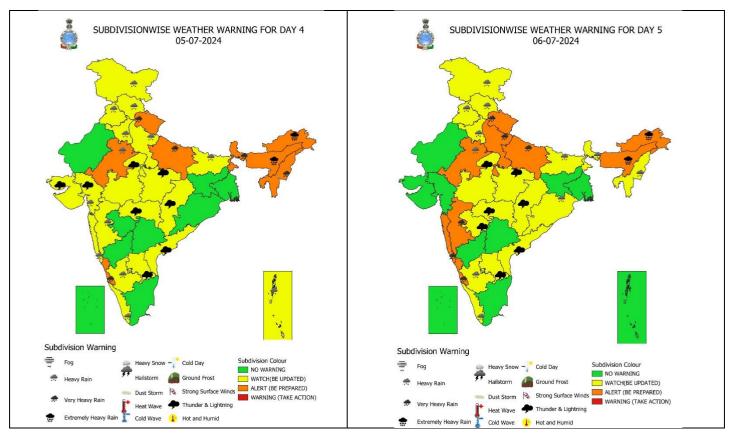


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#### **IMPACT & ACTION SUGGESTED due to**

- ➤ Isolated extremely heavy rainfall very likely over Arunachal Pradesh & Assam & Meghalaya on 05th & 06th; over Gujarat Region on 02nd July.
- ➤ Isolated very heavy rainfall very likely over Uttarakhand during 02<sup>nd</sup> 06<sup>th</sup>, Punjab on 03<sup>rd</sup>, Haryana on 02<sup>nd</sup> & 03<sup>rd</sup> July; West Uttar Pradesh on 02<sup>nd</sup> & 06<sup>th</sup>; East Uttar Pradesh on 05<sup>th</sup> & 06<sup>th</sup>; Bihar on 02nd & 03rd; Arunachal Pradesh & Assam & Meghalaya during 02nd 04th; Sub-Himalayan West Bengal & Sikkim, Nagaland, Manipur, Mizoram & Tripura during 02nd 05<sup>th</sup>; Konkan & Goa, Madhya Maharashtra on 02nd & 06th; Saurashtra & Kutch on 02nd; Gujarat Region on 03rd; Coastal Karnataka on 05th & 06th July.

## **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/landslips/mud slips/landsinks/mudsinks.
- ➤ 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)

# **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.



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# Agromet advisories for Heavy Rainfall, Gusty winds and Heat Wave likely over various parts of the country:

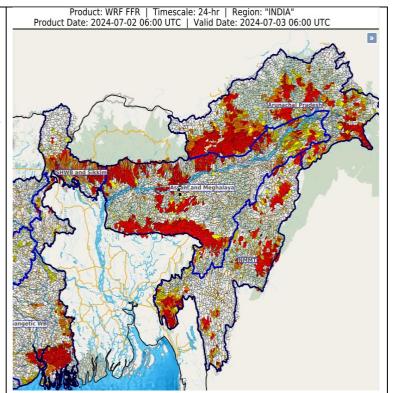
- Make provision for draining out excess water from crop fields to avoid water stagnation in North Eastern States, West Bengal & Sikkim, Odisha, Bihar, Jharkhand, Himachal Pradesh, Uttarakhand, Punjab, Haryana, Uttar Pradesh, East Rajasthan, Madhya Pradesh, Chhattisgarh, Konkan & Goa, Madhya Maharashtra, Vidarbha, Gujarat State, Tamil Nadu, Kerala, Coastal and South Interior Karnataka, Andhra Pradesh and Telangana.
- > Postpone land preparation, nursery preparation and transplantation of WRC rice in Arunachal Pradesh.
- ➤ Provide mechanical support to horticultural crops & staking to vegetables.

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 03-07-2024

Moderate flash flood risk likely over few watersheds & neighbourhoods of SHWB & Sikkim Met Sub-divisions during next 24 hours.

Low to Moderate flash flood risk over few watersheds likelv neighbourhoods of Arunachal Pradesh, Assam & Meghalaya and Gangetic West Bengal Met Subdivisions during next 24 hours.

Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.





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24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 03-07-2024 :

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of Himachal Pradesh and Uttarakhand Met Sub-divisions during next 24 hours.

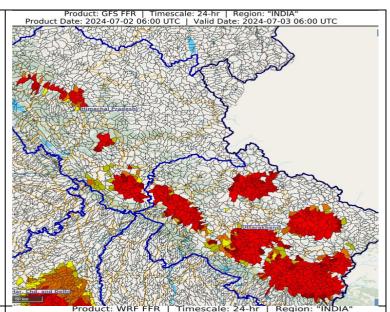
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.

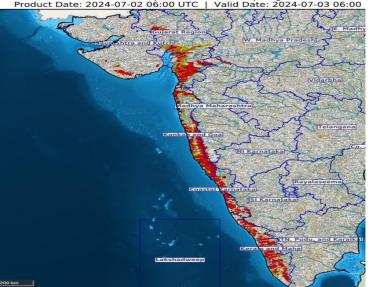
24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 03-07-2024 :

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of Coastal Karnataka, Kerala & Mahe, Gujarat Region, Saurashtra & Kutch and Konkan & Goa Met Sub-divisions during next

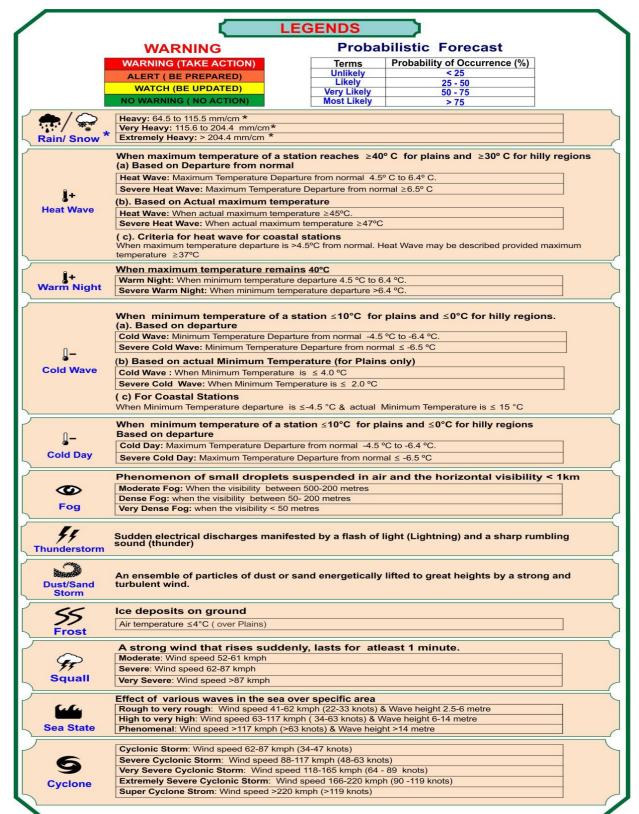
24 hours.

Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.









Kindly download MAUSAM APP for location specific forecast & warning, MEGHDOOT APP for Agromet advisory and DAMINI APP for Lightning Warning & visit state MC/RMC websites for district wise warning.