



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

**Press Release
Date: 05th July, 2023
Time of Issue: 1345 hours IST**

Subject: Intense spell of rainfall likely to continue over south Peninsular India and Konkan & Goa till 06th and over Gujarat on 07th & 08th July, 2023.

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

Significant Weather features, Forecast and Warning during next 5 days: (Annexure II)

- ❖ The Monsoon trough at mean sea level runs to the south of its normal position.
- ❖ The east-west shear zone roughly along Lat. 15°N in middle tropospheric levels persists.
- ❖ The off-shore trough at mean sea level runs from south Gujarat coast to north Kerala coast.
- ❖ A cyclonic circulation lies over North & adjoining Central Bay of Bengal in lower and middle tropospheric levels.
- ❖ A fresh Western Disturbance is likely to affect Western Himalayan Region from the night of 8th July.

Weather Forecast and Warning:

South India: Light/moderate widespread rainfall with **isolated heavy to very heavy rainfall** very likely to continue over the region during next 2 days & decrease thereafter. Isolated **extremely heavy rainfall** also likely over Kerala and Coastal Karnataka on 05th July, 2023.

West India: Light/moderate widespread rainfall with **Isolated heavy to very heavy rainfall** very likely over Konkan & Goa, ghat areas of Madhya Maharashtra and Gujarat state during next 5 days. Isolated **extremely heavy falls** also likely over Konkan & Goa on 05th & 06th; ghat areas of Madhya Maharashtra on 06th; over Gujarat region on 07th and Saurashtra & Kutch on 07th & 08th July.

Northwest India: Light/moderate fairly widespread to widespread rainfall with **isolated heavy rainfall** is very likely over the region during next 5 days. Isolated **very heavy rainfall** is also very likely over Uttar Pradesh on 05th July. Thereafter, under the influence of a Western Disturbance and its interaction with monsoonal winds; isolated **heavy to very heavy rainfall** is also likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttarakhand, Punjab and Haryana-Chandigarh on 09th July.

Central India: Light/moderate fairly widespread to widespread rainfall with **isolated heavy rainfall** is very likely over the region during next 3 days. Isolated **very heavy rainfall** is also very likely over Vidarbha on 05th & 06th; Chhattisgarh on 06th July.

East & adjoining Northeast India: Fairly widespread to widespread light/moderate rainfall with isolated **Heavy rainfall** very likely over Sub-Himalayan West Bengal & Sikkim, Odisha, Bihar during next 5 days; over Assam & Meghalaya, Arunachal Pradesh, Nagaland, Manipur during next 3 days and decrease thereafter.

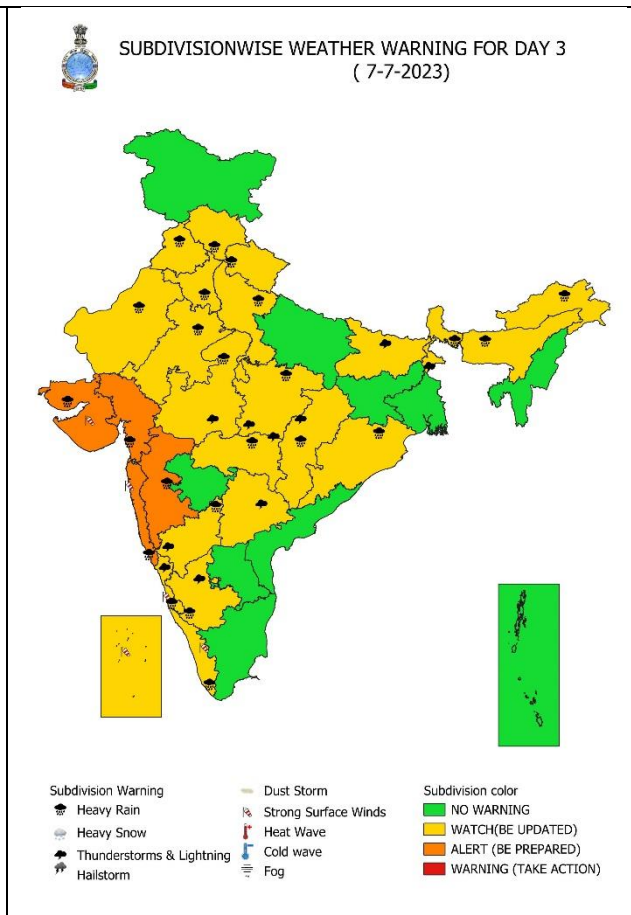
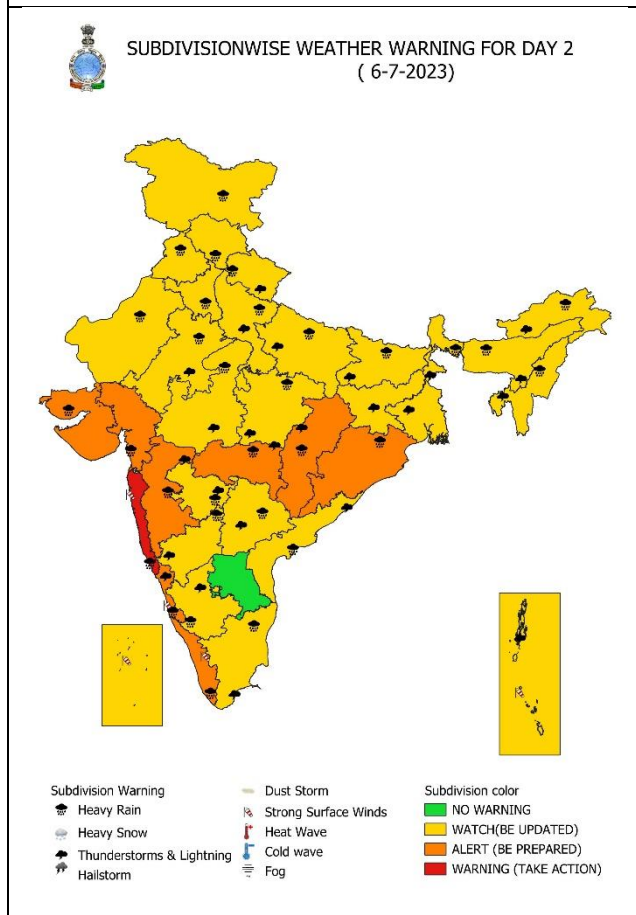
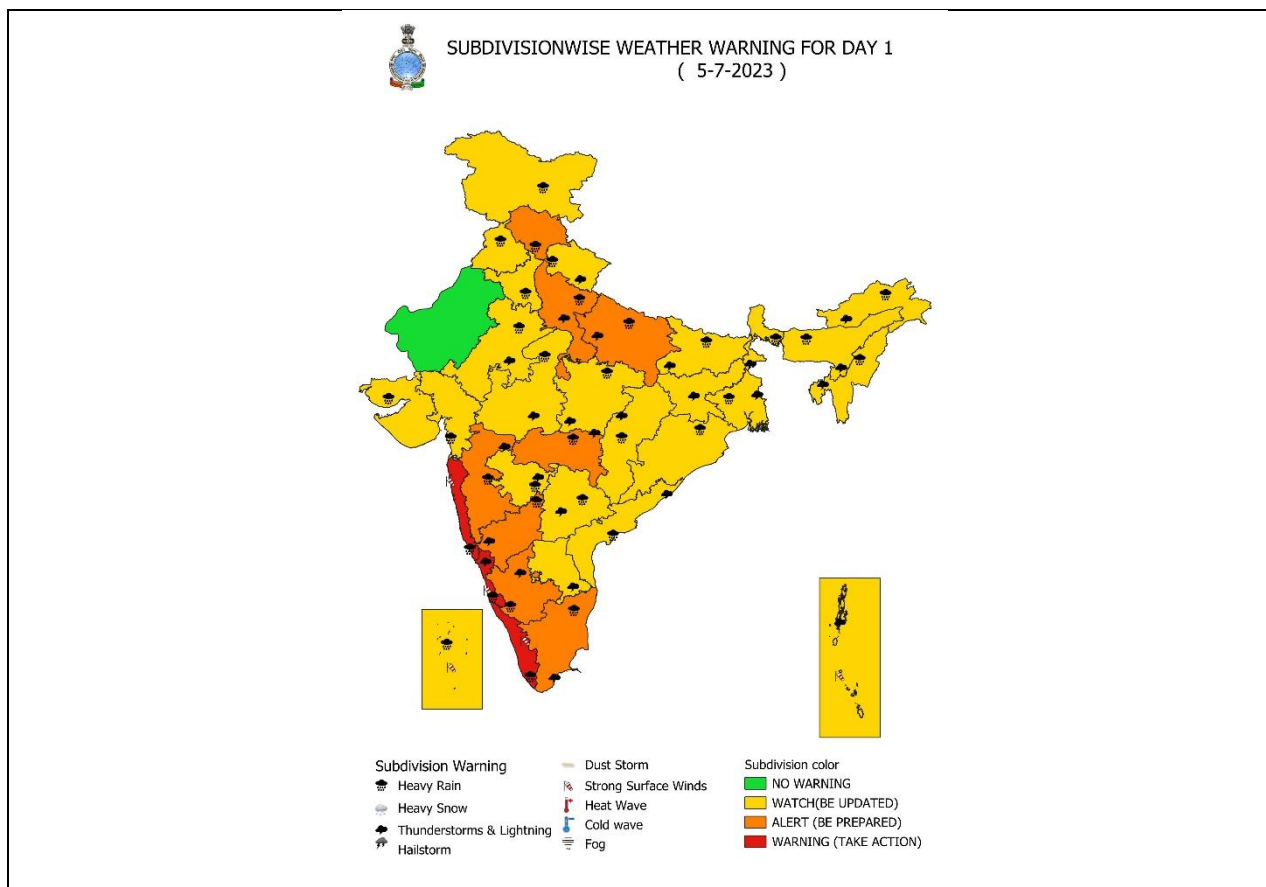
No significant weather likely over rest parts of the country.

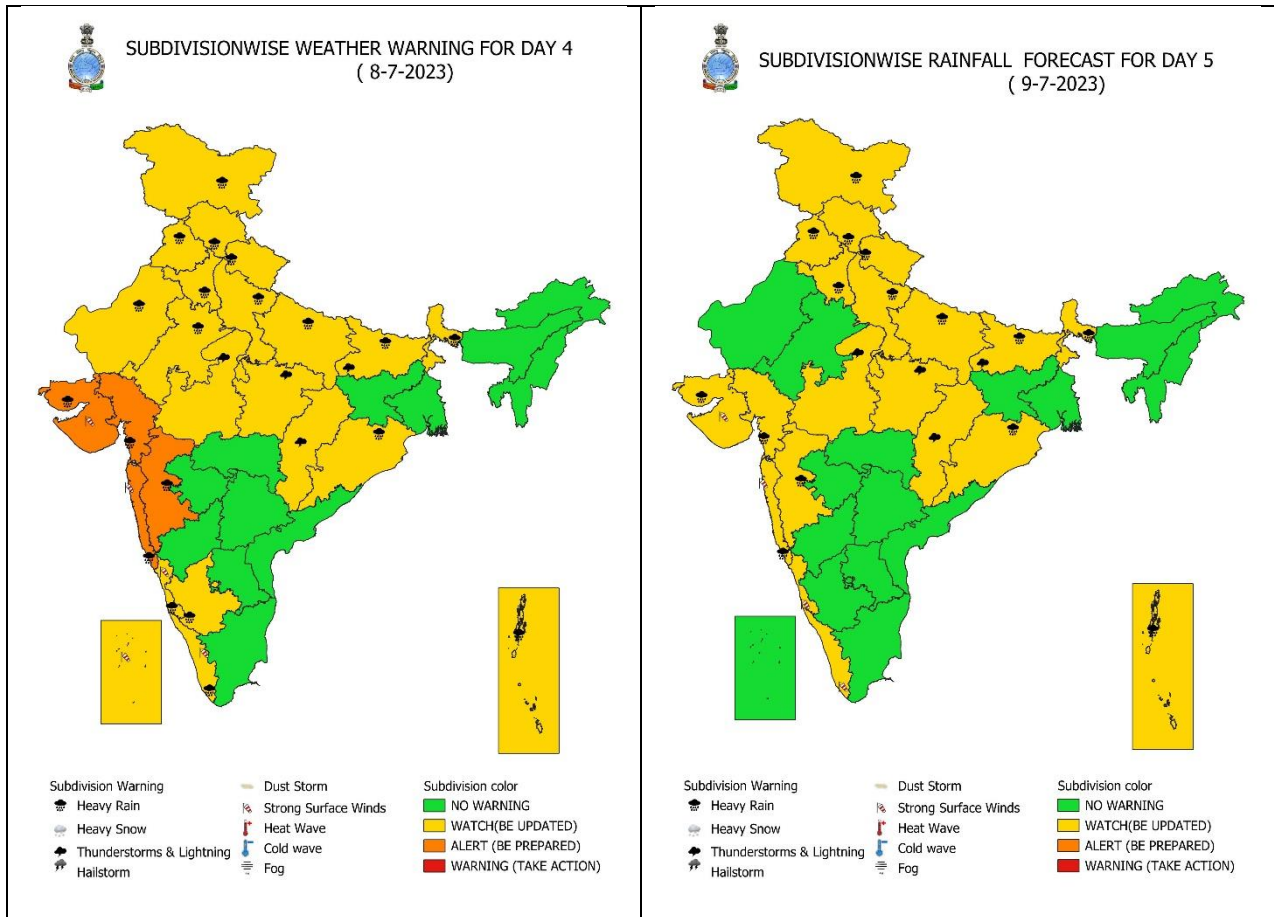
For more details kindly refer:

https://mausam.imd.gov.in/responsive/all_india_forcast_bulletin.php

Weather Observations: (from 0830 hours IST of yesterday to 0830 hours IST of today):

- **Heavy Rainfall observed: Heavy to Very heavy rainfall** at a few places **with extremely heavy falls** at isolated places over Konkan & Goa; **Heavy to Very heavy rainfall** at a few places over Kerala & Mahe; at isolated places over Tamil Nadu, Coastal Karnataka, Telangana, West Madhya Pradesh, West Uttar Pradesh, Bihar, Nagaland, Manipur, Mizoram & Tripura, Chhattisgarh and **Heavy rainfall** at isolated places over Uttarakhand, Punjab, Jammu & Kashmir, East Uttar Pradesh, East Rajasthan, East Madhya Pradesh, Jharkhand, Saurashtra & Kutch, Madhya Maharashtra, Marathwada, West Bengal, Assam & Meghalaya, Coastal Andhra Pradesh, Rayalaseema, South Interior Karnataka, Vidarbha, Jharkhand and Odisha.
- **Significant rainfall recorded (in cm): Konkan & Goa:** Rameshwar_agri (dist Sindhudurg) 24, Devgad (dist Sindhudurg) 22, Canacona (dist South Goa) 17, Quepem (dist South Goa) 14, Malvan (dist Sindhudurg) 14, Margao (dist South Goa) 12, Panjim - Imd Obsy (dist North Goa) 12, Kudal (dist Sindhudurg) 11, Dabolim N.a.s.- Navy (dist South Goa) 11, Mormugao - Pmo Imd (dist South Goa) 11, Sanguem (dist South Goa) 11, Mapusa (dist North Goa) 9, Santacruz - Imd Obsy (dist Mumbai Suburban) 9, Pernem (dist North Goa) 9, Mulde_Agri (dist Sindhudurg) 9, **Kerala & Mahe:** Peermade To (dist Idukki) 19, Vadakara (dist Kozhikode) 19, Padinjarathara Dam Aws (dist Wynad) 17, Kanjirappally (dist Kottayam) 16, Ponnani (dist Malappuram) 16, Enamakkal (dist Thrissur) 16, Tellichery (dist Cannur) 15, Alwaye Pwd (dist Ernakulam) 15, Kozhikode (dist Kozhikode) 15, Chalakudi (dist Thrissur) 15, Mahe (dist Mahe) 15, **Tamil Nadu:** Chinnakalar (dist Coimbatore) 13, Cincona (dist Coimbatore) 11, Valparai PTO (dist Coimbatore), Barur (dist Krishnagiri) 8 each, Sholayar (dist Coimbatore), Yercaud (dist Salem) 7 each, **Coastal Karnataka:** Karwar Obsy (dist Uttara Kannada) 18, Honavar Obsy (dist Uttara Kannada) 18, Shirali Pto (dist Uttara Kannada) 18, Mulki (dist Dakshina Kannada) 17, Belthangadi (dist Dakshina Kannada) 16, Udupi (dist Udupi) 15, Karkala (dist Udupi) 15, **Telangana:** Kondapak (dist Siddipet) 13, Mirdoddi (dist Siddipet) 13, Kollapur (dist Nagarkurnool) 12, Naga Reddipet (dist Kamareddy) 12, **South Interior Karnataka:** Kottigehara (dist Chikkamagaluru) 9, Bhagamandala (dist Kodagu) 8, Kammardi (dist Chikkamagaluru) 7, **Coastal Andhra Pradesh:** Vararamachandrapur (dist Alluri Sitharamaraju) 9, Kunavaram (dist Alluri Sitharamaraju) 9, Koyyalagudem (dist Eluru) 7, Pathapatnam (dist Srikakulam) 7, Paderu (dist Alluri Sitharamaraju) 7, **Rayalaseema:** Atmakur (dist Nandyal) 8, **Chhattisgarh:** Kusmi (dist Balrampur) 13, Lohandiguda (dist Bastar) 7, Dongargarh (dist Rajnandgaon) 7, **West Uttar Pradesh:** Pawayan (dist Shahjahanpur) 13, Shahjahanpur Obsy (dist Shahjahanpur) 10, Saharanpur (dist Saharanpur) 7, **Bihar:** Madhubani-18, Supaul-12, **East Uttar Pradesh:** Sardhanagar (dist Kheri) 11, Muhammadi (dist Kheri) 9, Fatehpur Tehsil (dist Barabanki) 9, Nighasan (dist Kheri) 9, **East Rajasthan:** Pilani (dist Jhunjhunu) 8, Sikrai (dist Dausa) 7, Shahpura Sr (dist Jaipur) 5, **West Madhya Pradesh:** Khaknar (dist Burhanpur) 12, Shegaon (dist Khargone) 11, Lahar (dist Bhind) 9, Warla (dist Barwani) 7, Bhimpur (dist Betul) 7, **East Madhya Pradesh:** Umreth (dist Chindwara) 9, Amarwara (dist Chindwara) 9, Bijuri (dist Anuppur) 7, Anuppur-aws (dist Anuppur) 7, **Marathawada:** Parbhani - Imd Obsy (dist Parbhani) 10, Udgir (dist Latur) 7; **Saurashtra & Kutch:** Talala (dist Gir Somnath) 7; **Odisha :** Nawapara (dist Nawapara) 7, Kolnara (dist Rayagada) 7; **Jharkhand:** Bokaro: Nawadih-10, Tenughat-9, Phusro-8; **Vidarbha:** Yeotmal (dist Yeotmal) 9, Digras (dist Yeotmal) 9, Arni (dist Yeotmal) 7, Deoli (dist Wardha) 7, Mahagaon (dist Yeotmal) 7, **Punjab:** Tibri (dist Gurdaspur) 12, Hoshiarpur (dist Hoshiarpur) 10, Gurudaspur (dist Gurdaspur) 9, Dhariwal Irr (dist Gurdaspur) 9, Aliwal (dist Gurdaspur) 7, Amritsar Rev (dist Amritsar) 7, **Jammu & Kashmir:** Samba Aws (dist Samba) 10, Jammu Aws (dist Jammu) 8, Jammu (dist Jammu) 8, Jammu Aero (dist Jammu) 7, **Haryana:** Rohtak Rev (dist Rohtak) 7, Gurgaon Rev (dist Gurgaon) 7, **Nagaland, Manipur, Mizoram & Tripura:** Kvk Dhalai (dist Dhalai) 16, Amarpur (dist Gomati) 15, Kamalpur (dist Dhalai) 14, Khowai (dist Khowai) 13, Kamalpur_aws (dist Dhalai) 11, Agartala Aero (dist West Tripura) 10, Arundhutinagar (dist West Tripura) 9, **Assam:** Khetri Arg (dist Kamrup (rural)) 8, Nongpuh (dist Ri Bhoi) 8,





Agromet advisories for rainfall, thunderstorms 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, Haryana, Uttar Pradesh, Rajasthan, West Bengal & Sikkim, Odisha, Bihar, Madya Pradesh, Chhattisgarh, Gujarat, Maharashtra, Tamil Nadu, Kerala, Lakshadweep, Karnataka, Coastal Andhra Pradesh, Telangana and North Eastern States.
- ❖ Postpone transplanting of rice in Kerala, Coastal Karnataka and South Konkan & Goa.
- ❖ Postpone sowing of direct-seeded rice in Coastal Karnataka.
- ❖ Provide staking to vegetables.

Impact & Action Suggested due to extremely heavy/very heavy rainfall over Karnataka, Kerala & Mahe during 05th-06th; Konkan & Goa and ghat areas of Madhya Maharashtra during 05th-07th; Tamil Nadu, Himachal Pradesh, Uttar Pradesh on 05th; Gujarat state on 07th & 08th July.

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:** >204.4mm.
- ❖ **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 |