

Wednesday, July 19, 2023 Time of Issue: 1645 hours IST (EVENING)

#### ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

## **Significant Weather Features**

#### **Significant Weather features:**

- A cyclonic circulation lies over Northwest & adjoining Westcentral Bay of Bengal and adjoining areas of north Andhra Pradesh-south Odisha coasts extending upto mid-tropospheric levels tilting southwards with height. Under its influence, a low-pressure area is likely to form over Northwest & adjoining Westcentral Bay of Bengal during next 24 hours.
- The Monsoon Trough at mean sea level runs south of its normal position and now passes through Phalodi, Kota, Raisen, Seoni, Raipur, Puri and thence east-southeastwards to Eastcentral Bay of Bengal.
- A cyclonic circulation lies over south Chhattisgarh and another cyclonic circulation lies over south Punjab in lower tropospheric levels.
- ❖ The shear zone runs roughly along Lat. 20° N between 3.1 km & 7.6 km above mean sea level tilting southwards with height.

## **Weather Forecast and Warning:**

**Northwest India:** Light/moderate Fairly widespread to widespread rainfall with isolated **heavy rainfall** is very likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttarakhand and Rajasthan during 19<sup>th</sup>-23<sup>rd</sup>; over Punjab and Haryana on 19<sup>th</sup>, 22<sup>nd</sup> & 23<sup>rd</sup> July 2023.

Isolated very heavy rainfall also very likely over Jammu & Kashmir on 19th and over Uttarakhand on 22nd July.

**Central 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** also likely over Madhya Pradesh on 19<sup>th</sup> and over Vidarbha & Chhattisgarh on 19<sup>th</sup> & 20<sup>th</sup> July.

**West India:** Light/moderate fairly widespread to widespread rainfall with **isolated heavy to very heavy rainfall** very likely to continue over Konkan & Goa, ghat areas of Madhya Maharashtra and Gujarat state during next 5 days.

**Isolated heavy to very heavy rainfall** very likely to continue over Mumbai during next 02 days.

Isolated extremely heavy rainfall likely over Konkan & Goa, ghat areas of Madhya Maharashtra on  $19^{th}$  and Gujarat state on  $19^{th}$  &  $21^{st}$  July.

**South India:** Light/moderate fairly widespread to widespread rainfall with **isolated heavy rainfall** very likely to over Kerala, Karnataka & Telangana during next 5 days; over coastal Andhra Pradesh on 19<sup>th</sup>, 22<sup>nd</sup> & 23<sup>rd</sup> and over Tamil Nadu and Rayalaseema on 19<sup>th</sup> July. **Isolated very heavy rainfall** also likely over coastal Andhra Pradesh & north interior Karnataka on 19<sup>th</sup> and over Telangana and coastal Karnataka on 19<sup>th</sup>, 20<sup>th</sup> & 23<sup>rd</sup> July.

**East India:** Light/moderate widespread rainfall with isolated **heavy to very heavy rainfall** very likely over Odisha during 19<sup>th</sup> to 23<sup>rd</sup> and isolated **heavy rainfall** over Andaman & Nicobar Islands during 21<sup>st</sup>-23<sup>rd</sup> July.

**Northeast India:** Light/moderate Scattered to Fairly widespread rainfall likely over the region. **Isolated heavy rainfall** likely over Assam & Meghalaya on 21st & 22nd and over Tripura on 21st July.



### **Main Weather Observations**

- Rainfall/thundershowers observed (from 0830 hours IST of yesterday to 0830 hours IST of today): at most places over Himachal Pradesh, Uttarakhand, Vidarbha, Chhattisgarh, Andaman & Nicobar Islands, Odisha, Konkan & Goa, Madhya Maharashtra, Marathwada, Saurashtra & Kutch, Coastal Andhra Pradesh & Yanam, Telangana, Coastal Karnataka, North Interior Karnataka, Kerala & Mahe; at many places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Haryana-Chandigarh-Delhi, East Rajasthan, Madhya Pradesh, Gangetic West Bengal, Nagaland, Manipur, Mizoram & Tripura, Gujarat Region, South Interior Karnataka, Lakshadweep; at a few places over Punjab, West Uttar Pradesh, West Rajasthan, Jharkhand, Rayalaseema and at isolated places over East Uttar Pradesh, Sub-Himalaya West Bengal & Sikkim, Bihar, Arunachal Pradesh, Assam & Meghalaya, Tamil Nadu, Puducherry & Karaikal.
- ❖ Heavy Rainfall observed (from 0830 hours IST of yesterday to 0830 hours IST of today): Exceptionally heavy rainfall at isolated places over Saurashtra & Kutch; Extremely heavy rainfall at isolated places over Vidarbha, Konkan & Goa, Madhya Maharashtra, Gujarat Region, Jammu-Kashmir; Very heavy rainfall at isolated places over Himachal Pradesh, Uttarakhand, Telangana, Coastal Karnataka, Interior Karnataka, Odisha and heavy rainfall at isolated places over Punjab, Rajasthan, Madhya Pradesh, Marathwada, Coastal Andhra Pradesh & Yanam, Kerala & Mahe.
- \* Significant rainfall recorded (from 0830 hours IST of yesterday to 0830 hours IST of today): (in cm): GUJARAT REGION: Daman (dist Daman) 23; SAURASHTRA & KUTCH: Sutrapada (dist Gir Somnath) 54, Veraval (dist Gir Somnath) 52; KONKAN & GOA: Matheran (dist Raigad) 34; MADHYA MAHARASHTRA: Mahabaleshwar- Imd Obsy (dist Satara) 28; MARATHWADA: Dharmabad (dist Nanded) 8; ORISSA: Chitrakunda K Guma (dist Malkangiri) 20; KERALA & MAHE: Padinjarathara Dam Aws (dist Wynad) 8; COASTAL KARNATAKA: Castle Rock (dist Uttara Kannada) 24; NORTH INTERIOR KARNATAKA: Londa (dist Belagavi) 15; SOUTH INTERIOR KARNATAKA: Linganamakki Hms (dist Shivamogga) 9, Kammardi (dist Chikkamagaluru) 9; COASTAL ANDHRA PRADESH: Chintur (dist Alluri Sitharamaraju) 8; TELANGANA: Manuguru (dist B. Kothagudem) 14; VIDARBHA: Chandrapur (dist Chandrapur) 20; HIMACHAL PRADESH: Dharmsala (dist Kangra) 13; JAMMU & KASHMIR: Katra 31; UTTARAKHAND: Rishikesh 13; PUNJAB: Patiala and Malikpur 7 each.
- Thunderstorm observed (from 0830 hours IST to 1430 hours IST of today): at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Punjab, Haryana-Chandigarh-Delhi, Gujarat Region, Nagaland, Manipur, Mizoram & Tripura, Telangana.
- ❖ Minimum Temperature Departures (as on 19-07-2023): Minimum temperatures are appreciably above normal (3.1°C to 5.0°C) at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Bihar; above normal (1.6°C to 3.0°C) at many places over Himachal Pradesh, East Uttar Pradesh, Sub-Himalaya West Bengal & Sikkim, Andaman & Nicobar Islands; at a few places over West Rajasthan, East Madhya Pradesh, Tamil Nadu, Puducherry & Karaikal and at isolated places over Gujarat Region, Kerala & Mahe. They are below normal (-1.6°C to -3.0°C) at many places over Telangana; at a few places over Coastal Andhra Pradesh & Yanam, Marathwada; at isolated places over East Madhya Pradesh and near normal over rest parts of the country. Today, the lowest minimum temperature of 19.8°C was reported at Nalgonda (Telangana) over the plains of the country.
- \* Maximum Temperature Departures (as on 18-07-2023): Maximum temperatures were appreciably above normal (3.1°C to 5.0°C) at a few places over Sub-Himalaya West Bengal & Sikkim, Nagaland, Manipur, Mizoram & Tripura; at isolated places over Coastal Karnataka, Assam & Meghalaya; above normal (1.6°C to 3.0°C) at many places over East Madhya Pradesh and Bihar; at a few places over Jharkhand, Tamil Nadu, Puducherry & Karaikal, Rayalaseema, South Interior Karnataka, Arunachal Pradesh; at isolated places over Gangetic West Bengal. They were markedly below normal (-5.1°C or less) at many places over North Interior Karnataka, Telangana; at isolated places over Haryana-Chandigarh-Delhi, Madhya Maharashtra; appreciably below normal (-3.1°C to -5.0°C) at most places over Marathwada; at many places over Coastal Andhra Pradesh & Yanam; at a few places over Madhya Maharashtra, Odisha; at isolated places over Uttarakhand, Vidarbha, Chhattisgarh; below normal (-1.6°C to -3.0°C) at a few place over Punjab, Konkan & Goa; at isolated places over Saurashtra & Kutch, East Madhya Pradesh and near normal over rest parts of the country. Yesterday, the highest maximum temperature of 40.5°C was reported at Jaisalmer (West Rajasthan).





## Meteorological Analysis (Based on 1430 hours IST)

- ❖ The Monsoon Trough at mean sea level continue to pass through Phalodi, Kota, Raisen, Seoni, Raipur, Puri and thence east-southeastwards to Eastcentral Bay of Bengal and extends upto 2.1 km above mean sea level.
- ❖ The cyclonic circulation over Northwest & adjoining Westcentral Bay of Bengal and adjoining areas of north Andhra Pradesh-south Odisha coasts extending upto 7.6 km above mean sea level tilting southwards with height persists. Under its influence, a low-pressure area likely to form over Northwest & adjoining Westcentral Bay of Bengal during next 24 hours.
- ❖ The cyclonic circulation over south Chhattisgarh extending upto 1.5 km above mean sea level persists.
- ❖ The shear zone roughly along Lat. 20° N between 3.1 & 7.6 km above mean sea level tilting southwards with height persists.
- ❖ The cyclonic circulation over south Punjab & neighbourhood and extends upto 3.1 km above mean sea level persists.

## Weather Forecast for next 5 days (Upto 0830 hours IST of 24th July, 2023)

- ❖ Meteorological sub-division wise detailed 5 days rainfall forecast is given in Table-1.
- No significant change in maximum temperatures likely over most parts of country during next 5 days.

## Weather Outlook for subsequent 2 days

❖ Fairly widespread to widespread light/moderate rainfall likely over most parts of the country except over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, West Rajasthan, Andhra Pradesh, Rayalaseema, South Interior Karnataka and Tamil Nadu, Puducherry & Karaikal where isolated to scattered rainfall is likely.





## Table-1-

7 Days Rainfall Forecast								
C		19-	20-	21-	22-	23-	24-	25-
S. No.	Subdivision	Jul Day						
NO.		1	2	3	4	5	6	7
1	ANDAMAN & NICOBAR ISLANDS	WS						
2	ARUNACHAL PRADESH	SCT	SCT	SCT	FWS	FWS	FWS	FWS
3	ASSAM & MEGHALAYA	SCT	SCT	SCT	FWS	FWS	FWS	FWS
4	NAGALAND, MANIPUR, MIZORAM & TRIPURA	SCT	SCT	FWS	FWS	FWS	FWS	FWS
5	SUB-HIMALAYAN WEST BENGAL & SIKKIM	ISOL	SCT	FWS	FWS	FWS	FWS	FWS
6	GANGETIC WEST BENGAL	SCT						
7	ODISHA	WS						
8	JHARKHAND	SCT	ISOL	ISOL	SCT	SCT	SCT	SCT
9	BIHAR	ISOL	ISOL	ISOL	ISOL	SCT	SCT	SCT
10	EAST UTTAR PRADESH	ISOL						
11	WEST UTTAR PRADESH	ISOL	ISOL	ISOL	ISOL	SCT	SCT	FWS
12	UTTARAKHAND	WS						
13	HARYANA CHANDIGARH & DELHI	FWS	SCT	SCT	FWS	FWS	FWS	FWS
14	PUNJAB	FWS	FWS	FWS	FWS	WS	WS	WS
15	HIMACHAL PRADESH	WS						
16	JAMMU & KASHMIR AND LADAKH	WS	WS	WS	WS	FWS	FWS	FWS
17	WEST RAJASTHAN	SCT	FWS	FWS	FWS	FWS	FWS	FWS
18	EAST RAJASTHAN	FWS	FWS	FWS	FWS	FWS	WS	WS
19	WEST MADHYA PRADESH	FWS	FWS	FWS	FWS	FWS	FWS	WS
20	EAST MADHYA PRADESH	FWS						
21	GUJARAT REGION	WS	WS	WS	WS	FWS	FWS	SCT
22	SAURASHTRA & KUTCH	WS	WS	WS	WS	FWS	FWS	SCT
23	KONKAN & GOA	WS						
24	MADHYA MAHARASHTRA	WS	FWS	FWS	FWS	FWS	FWS	FWS
25	MARATHAWADA	WS	WS	FWS	FWS	FWS	FWS	FWS
26	VIDARBHA	WS						
27	CHHATTISGARH	WS	WS	WS	WS	WS	WS	FWS
28	COASTAL ANDHRA PRADESH & YANAM	WS	SCT	SCT	FWS	WS	WS	WS
29	TELANGANA	WS	WS	FWS	FWS	WS	WS	WS
30	RAYALASEEMA	SCT	ISOL	ISOL	SCT	FWS	FWS	FWS
31	TAMILNADU PUDUCHERRY & KARAIKAL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	SCT
32	COASTAL KARNATAKA	WS						
33	NORTH INTERIOR KARNATAKA	WS	FWS	FWS	FWS	WS	WS	WS
34	SOUTH INTERIOR KARNATAKA	FWS	FWS	FWS	FWS	WS	WS	WS
35	KERALA & MAHE	WS						
36	LAKSHADWEEP	FWS	FWS	FWS	WS	WS	WS	WS

Legend	Category	% Stations
WS	Widespread/Most Places	76-100
FWS	Fairly Widespread/Many places	51-75
SCT	Scattered/ A Few Places	26-50
ISOL	Isolated Places	1-25
DRY	No Rain	0



Fig. 1: Maximum Temperatures Dated 18.07.2023

Fig. 2: Departure of Maximum Temp. Dated 18.07.2023

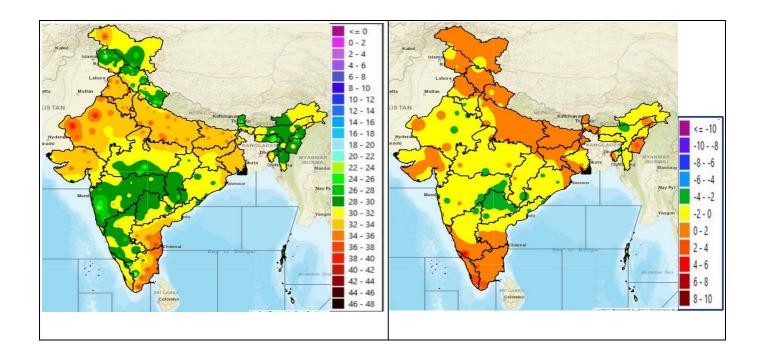


Fig. 3: Minimum Temperatures Dated 19.07.2023

Fig. 4: Departure of Minimum Temp. Dated 19.07.2023

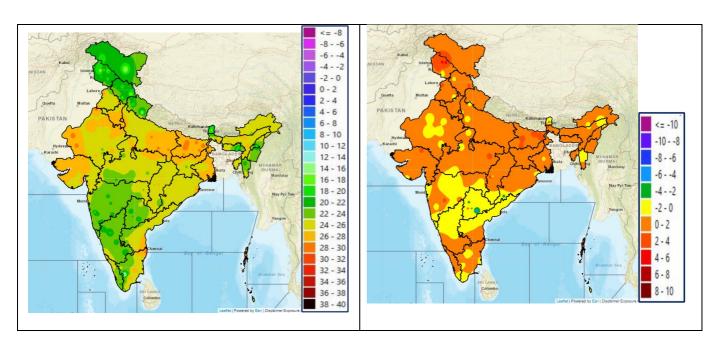
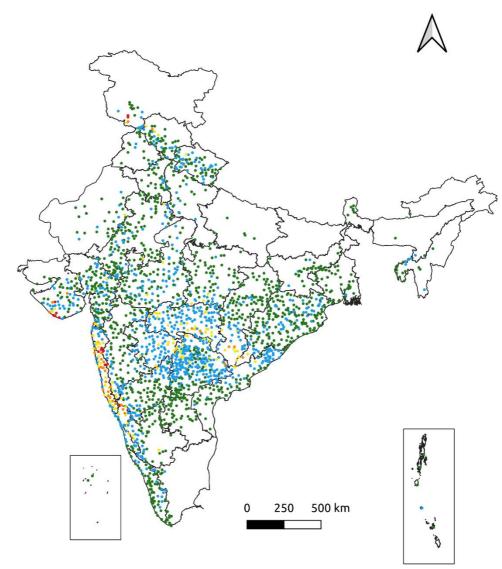




Fig. 5: Accumulated Rainfall (mm) during past 24 hours



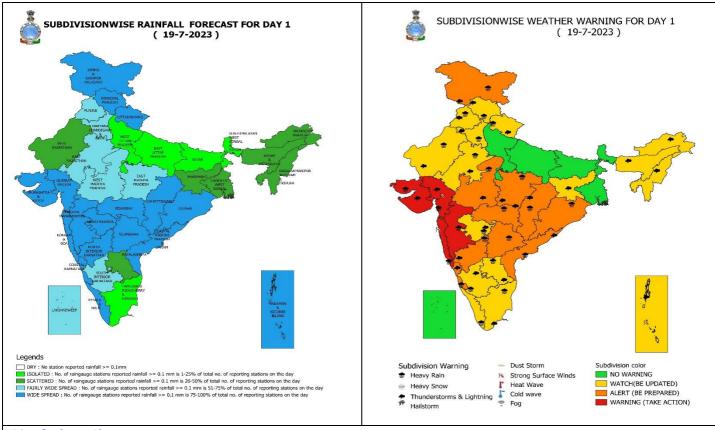
24 Hr cumulative rainfall recorded over different stations during 0830 IST of 18-7-2023 to 0830 IST of 19-7-2023



# Legends

- Very Light to Light Rainfall (0.1 15.5 mm)
- Moderate Rainfall (15.6 64.4 mm)
- Heavy Rainfall (64.5 115.5 mm)
- Very Heavy Rainfall (115.6 204.4 mm)
- Extremely Heavy Rainfall (>=204.5 mm)

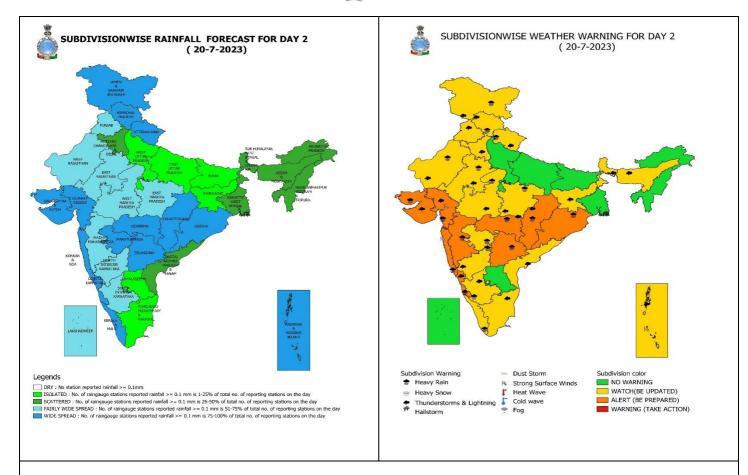




## 19 July (Day 1):

- Heavy to very heavy rainfall with extremely heavy falls very likely at isolated places over Konkan & Goa, Madhya Maharashtra, Gujarat; heavy to very heavy rainfall at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Madhya Pradesh, Vidarbha, Chhattisgarh, Odisha, Coastal Andhra Pradesh & Yanam, Telangana, Coastal Karnataka, North Interior Karnataka and heavy rainfall at isolated places over Himachal Pradesh, Uttarakhand, Punjab, Haryana-Chandigarh-Delhi, Rajasthan, Marathwada, South Interior Karnataka, Rayalaseema, Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe.
- Thunderstorm with lightning & gusty winds (speed 40-50 kmph) very likely at isolated places over Andaman & Nicobar Islands and with lightning at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttarakhand, Punjab, Haryana-Chandigarh-Delhi, Rajasthan, Madhya Pradesh, Vidarbha, Chhattisgarh, Jharkhand, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Marathwada, Gujarat, Coastal Andhra Pradesh & Yanam, Rayalaseema, Karnataka, Tamil Nadu, Puducherry & Karaikal.
- Squally weather with wind speed of 40-45 kmph gusting to 55 kmph over along and off Kerala and Karnataka coasts, over Andaman Sea; Squally weather with wind speed of 45-55 kmph gusting to 65 kmph over along and off Goa, Maharashtra, Gujarat coasts, over central and south Bay of Bengal, along and off north Andhra Pradesh coast, and along and off Sri Lanka coast. Squally wind speed of 45-55 kmph gusting to 65 kmph over Gulf of Mannar, along and off south Tamil Nadu coast, over south west and central Arabian Sea.

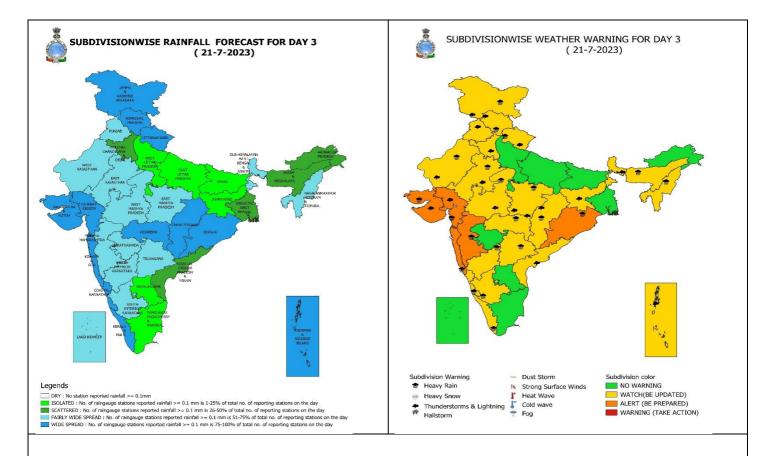




#### 20 July (Day 2):

- Heavy to very heavy rainfall at isolated places over Vidarbha, Chhattisgarh, Odisha, Konkan & Goa, Madhya Maharashtra, Gujarat, Telangana, Coastal Karnataka and heavy rainfall at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttarakhand, Rajasthan, Madhya Pradesh, Marathwada, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe.
- Thunderstorm with lightning & gusty winds (speed 40-50 kmph) very likely at isolated places over Andaman & Nicobar Islands and with lightning at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttarakhand, Punjab, Haryana-Chandigarh-Delhi, Rajasthan, Madhya Pradesh, Vidarbha, Chhattisgarh, Sub-Himalaya West Bengal & Sikkim, Jharkhand, Assam & Meghalaya, Gujarat, Coastal Andhra Pradesh & Yanam, Karnataka, Tamil Nadu, Puducherry & Karaikal.
- Squally weather with wind speed of 40-45 kmph gusting to 55 kmph over along and off Kerala, Karnataka, Odisha coasts, over south east and south west Bay of Bengal and along and off Sri Lanka coast; Squally weather with wind speed of 45-55 kmph gusting to 65 kmph over along and off Goa, Maharashtra, Gujarat coasts, over central and adjoining south Bay of Bengal, adjoining north west Bay of Bengal and along and off Andhra Pradesh coast. Squally wind speed of 45-55 kmph gusting to 65 kmph over Gulf of Mannar, along and off south Tamil Nadu coast, over south west and central Arabian Sea.

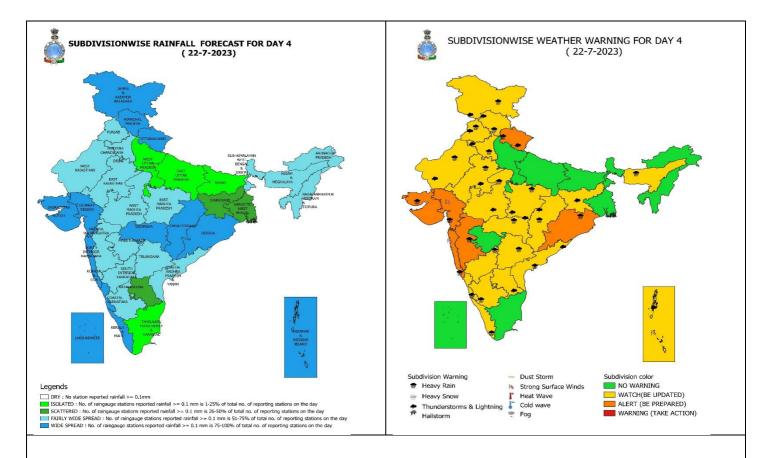




## 21 July (Day 3):

- \* Heavy to very heavy rainfall with extremely heavy falls very likely at isolated places over Gujarat Region; heavy to very heavy rainfall likely at isolated places Odisha, Konkan & Goa, Madhya Maharashtra, Saurashtra & Kutch; heavy rainfall at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttarakhand, Rajasthan, Madhya Pradesh, Vidarbha, Chhattisgarh, Andaman & Nicobar Islands, South Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Telangana, Karnataka, Kerala & Mahe
- Thunderstorm with lightning & gusty winds (speed 40-50 kmph) very likely at isolated places over Andaman & Nicobar Islands and with lightning at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttarakhand, Punjab, Haryana-Chandigarh-Delhi, Rajasthan, Madhya Pradesh, Vidarbha, Chhattisgarh, Sub-Himalaya West Bengal & Sikkim, Jharkhand, Gujarat, Coastal Andhra Pradesh & Yanam.
- Squally weather with wind speed of 40-45 kmph gusting to 55 kmph over along and off Kerala, Karnataka, Goa, Maharashtra, Gujarat and Odisha coasts and over Andaman Sea; Squally weather with wind speed of 45-55 kmph gusting to 65 kmph over west central and adjoining south west and north west Bay of Bengal, along and off Andhra Pradesh coast. Squally wind speed of 45-55 kmph gusting to 65 kmph over Gulf of Mannar, along and off south Tamil Nadu coast, over south west and central Arabian Sea.

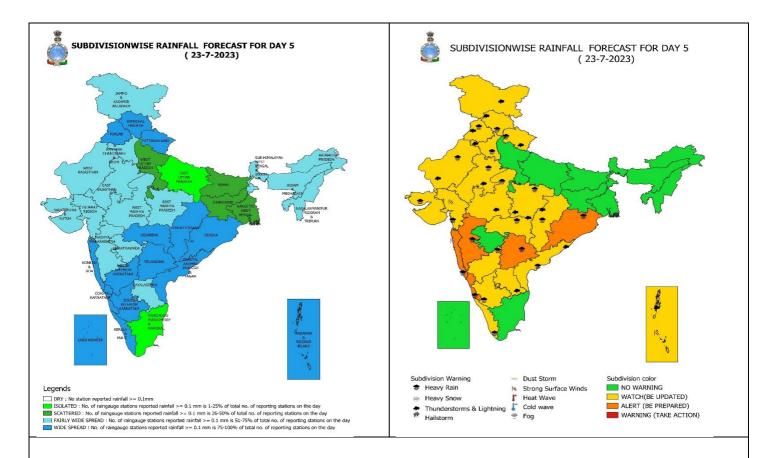




### 22 July (Day 4):

- Heavy to very heavy rainfall likely at isolated places Uttarakhand, Odisha, Konkan & Goa, Madhya Maharashtra, Gujarat state; heavy rainfall at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Punjab, Haryana-Chandigarh-Delhi, Rajasthan, Madhya Pradesh, Vidarbha, Chhattisgarh, Andaman & Nicobar Islands, South Assam & Meghalaya, Telangana, Coastal Andhra Pradesh & Yanam, Karnataka and Kerala & Mahe.
- Thunderstorm with lightning at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttarakhand, Punjab, Haryana-Chandigarh-Delhi, Rajasthan, Madhya Pradesh, Vidarbha, Chhattisgarh, Jharkhand, Coastal Andhra Pradesh & Yanam, Rayalaseema.
- Squally weather with wind speed of 40-45 kmph gusting to 55 kmph over along and off Karnataka, Goa, Maharashtra, Gujarat and Odisha coasts, over south and east central Bay of Bengal; Squally weather with wind speed of 45-55 kmph gusting to 65 kmph over west central and adjoining south west south Bay of Bengal and off Andhra Pradesh coast. Squally wind speed of 45-55 kmph gusting to 65 kmph over Gulf of Mannar, along and off south Tamil Nadu coast, over south west and central Arabian Sea.



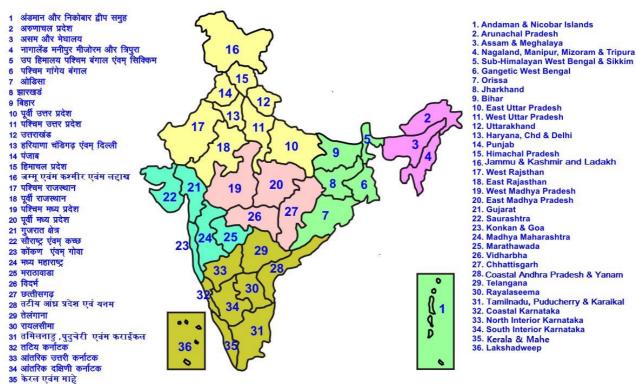


### 23 July (Day 5):

- \* Heavy to very heavy rainfall likely at isolated places Odisha, Konkan & Goa, Ghat areas of Madhya Maharashtra, Telangana, Coastal Karnataka; heavy rainfall at isolated places over Himachal Pradesh, Uttarakhand, Punjab, Haryana-Chandigarh-Delhi, Rajasthan, Madhya Pradesh, Vidarbha, Chhattisgarh, Andaman & Nicobar Islands, Gujarat state, Coastal Andhra Pradesh & Yanam, Interior Karnataka and south Kerala.
- ❖ Thunderstorm with lightning at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttarakhand, Punjab, Haryana-Chandigarh-Delhi, Rajasthan, Madhya Pradesh, Vidarbha, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Rayalaseema.
- Squally weather with wind speed of 40-45 kmph gusting to 55 kmph over along and off Karnataka, Goa, Maharashtra, Gujarat coasts, over south and east central Bay of Bengal; Squally weather with wind speed of 45-55 kmph gusting to 65 kmph over west central and adjoining south west south Bay of Bengal and off Andhra Pradesh coast. Squally wind speed of 45-55 kmph gusting to 65 kmph over Gulf of Mannar, along and off south Tamil Nadu coast, over south west and central Arabian Sea.



# **LEGENDS**



- 1. Andaman & Nicobar Islands

- 8. Jharkhand

- 13. Haryana, Chd & Delhi

- 25. Marathawada
- 27. Chhattisgarh
- 28. Coastal Andhra Pradesh & Yanam
- 32. Coastal Karnataka 33. North Interior Karnataka

## 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 Widespred (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



36 लक्षद्वीप

**Heavy Rain** 

**Heavy Snow** 



**77** Thunderstorm



**Dust Storm** 



**Strong Winds** 





**Heat Wave** 

Cyclone



Squall/ Hail





**Cold Wave** 





Sea State





