



Friday 09 July 2021

MID-DAY

Time of Issue: 1330 hours IST

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

- ◆ The Northern Limit of southwest monsoon (NLM) continues to pass through Lat. 26°N / Long. 70°E, Barmer, Bhilwara, Dholpur, Aligarh, Meerut, Ambala and Amritsar.
- ◆ Conditions are favourable for further advance of southwest Monsoon over Delhi; remaining parts of West Uttar Pradesh; some more parts of Punjab, Haryana and Rajasthan during next 24 hours. Conditions are also becoming favourable for further advance of southwest Monsoon over remaining parts of the country during 11th-12th July.
- ◆ Further strengthening of easterly winds at lower levels also likely over northwest India during next 3-4 days.
- ◆ Under the influence of these conditions, fairly widespread to widespread rainfall very likely over Northwest India during next 5 days and **isolated heavy rainfall** also very likely over Jammu, Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad, Haryana, Chandigarh & Delhi during 11th-13th; Himachal Pradesh & West Uttar Pradesh and East Rajasthan during 10th-13th; Punjab and west Rajasthan on 11th & 12th; and East Uttar Pradesh on 09th. **Isolated very heavy rainfall also very likely over Himachal Pradesh on 11th & 12th Uttarakhand 10th-12th; west Uttar Pradesh 11th-13th July, 2021.**
- ◆ A Low Pressure Area over Westcentral & adjoining Northwest Bay of Bengal around 11th July and an east west shear zone runs in lower and middle levels across Central India. Under their influence, fairly widespread to widespread rainfall with **isolated heavy falls** very likely over Central India (Madhya Pradesh, Vidarbha, Chhattisgarh and Odisha) during next 5 days and **isolated very heavy rainfall also very likely over Vidarbha on 09th & 10th; West Madhya Pradesh on 11th July, 2021.**
- ◆ Due to further strengthening of southwesterly winds from Arabian Sea and likely formation of a Low Pressure Area over Westcentral & adjoining Northwest Bay of Bengal around 11th July; enhanced rainfall activity with fairly widespread to widespread rainfall very likely along the west coast and adjoining Peninsular India likely to continue during next 5 days. **Isolated heavy to very heavy falls** very likely over Maharashtra & Goa, Coastal Andhra Pradesh and Telangana, Karnataka, Kerala & Mahe and Tamilnadu during 09th-13th July. **Isolated extremely heavy falls also likely over ghat areas of Madhya Maharashtra on 12th-13th July; Konkan & Goa during 11th-13th; coastal and south interior Karnataka on 11th-12th and over north Kerala on 11th July, 2021.**
- ◆ Moderate to Severe Thunderstorms accompanied with frequent cloud to ground lightning very likely over Punjab, Haryana, Uttar Pradesh and Madhya Pradesh during next 24 hours. This may cause injuries leading to casualties to people and animals staying outdoors.

Main Weather Observations

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Meteorological Analysis (Based on 0830 hours IST)

- ◆ The northern Limit of southwest monsoon (NLM) continues to pass through Lat. 26°N / Long. 70°E, Barmer, Bhilwara, Dholpur, Aligarh, Meerut, Ambala and Amritsar.
- ◆ Conditions are favourable for further advance of southwest Monsoon over Delhi, remaining parts of West Uttar Pradesh, some more parts of Punjab, Haryana and Rajasthan during next 24 hours. Conditions are also becoming favourable for further advance of southwest Monsoon over remaining parts of the country during 11th-12th July.
- ◆ The trough at mean sea level from Punjab to Northeast Bay of Bengal now runs from south Punjab to northwest Bay of Bengal across south Haryana, south Uttar Pradesh, Jharkhand and north Odisha; and extends upto 0.9 km above mean sea level.
- ◆ The cyclonic circulation over Northwest Bay of Bengal & adjoining coastal areas of Odisha & West Bengal now lies over Jharkhand & neighbourhood and extends upto 5.8 km above mean sea level.
- ◆ An East-West shear zone runs roughly at 20°N between 3.1 & 5.8 km above mean sea level tilting southwards with height.
- ◆ The Western Disturbance now seen as a cyclonic circulation over northeast Rajasthan & neighbourhood between 4.5 & 5.8 km above mean sea level.
- ◆ The cyclonic circulation over north Pakistan & adjoining Punjab now lies over central Pakistan & neighbourhood and seen at 1.5 km above mean sea level.
- ◆ A low pressure area is likely to form over westcentral & adjoining Northwest Bay of Bengal off north Andhra Pradesh-south Odisha coasts around 11th July.
- ◆ The cyclonic circulation over East Uttar Pradesh extending upto 1.5 km above mean sea level has become less marked.
- ◆ The north-south trough from cyclonic circulation over Northwest Bay of Bengal & adjoining coastal areas of Odisha & West Bengal to south Coastal Andhra Pradesh at 3.1 km above mean sea level has become less marked.
- ◆ The cyclonic circulation over south Rajasthan & neighbourhood at 3.1 km above mean sea level has become less marked.

Weather Forecast for next 5 days * upto 0830 hours IST of 14th July, 2021

- ◆ Meteorological sub-division wise detailed 5 days precipitation forecast is given in Table-1.
- ◆ No significant change in maximum temperatures over most parts of Northwest and Central India during next 48 hours and fall by 2-4°C thereafter.
- ◆ No significant change in maximum temperatures over remaining parts of the country during next 5 days.

Weather Outlook for subsequent 2 days from 14th July 2021 to 16th July 2021

- ◆ Active monsoon conditions likely to prevail over the country.
- ◆ Fairly widespread to widespread rainfall with isolated heavy to very heavy falls likely over Northeast India & Central India along the West coast and adjoining peninsular India; scattered to fairly widespread rainfall over remaining parts of the country except over East Uttar Pradesh, north Madhya Pradesh, Jharkhand and Tamilnadu, Puducherry & Karaikal where isolated to scattered rainfall is likely.



Table-1
5 Day Rainfall Forecast (MID-DAY)
09-July-2021

Met-Sub-Division	09-Jul Today	10Jul Sat	11Jul Sun	12Jul Mon	13Jul Tue
1. Andaman & Nicobar Islands	WS	WS	WS	WS	WS
2. Arunachal Pradesh	FWS	FWS	FWS	SCT	SCT
3. Assam & Meghalaya	FWS	FWS	FWS	FWS	FWS
4. N. M. M. & T.	WS	WS	FWS	FWS	FWS
5. S.H. West Bengal & Sikkim	FWS	FWS	FWS	FWS	FWS
6. Gangetic West Bengal	FWS	SCT	SCT	SCT	SCT
7. Odisha	FWS	FWS	FWS	FWS	FWS
8. Jharkhand	WS	WS	FWS	FWS	FWS
9. Bihar	FWS	FWS	FWS	FWS	FWS
10. East Uttar Pradesh	SCT	FWS	FWS	SCT	SCT
11. West Uttar Pradesh	SCT	FWS	WS	WS	WS
12. Uttarakhand	FWS	WS	WS	WS	WS
13. Haryana, Chd & Delhi	SCT	FWS	WS	WS	WS
14. Punjab	SCT	SCT	WS	WS	FWS
15. Himachal Pradesh	FWS	WS	WS	WS	WS
16. J & K and Ladakh	SCT	SCT	FWS	WS	WS
17. West Rajsthan	ISOL	ISOL	SCT	FWS	FWS
18. East Rajasthan	SCT	FWS	WS	WS	WS
19. West Madhya Pradesh	SCT	WS	WS	WS	FWS
20. East Madhya Pradesh	FWS	WS	WS	FWS	FWS
21. Gujarat Region	ISOL	SCT	FWS	WS	WS
22. Saurashtra & Kutch	ISOL	ISOL	SCT	FWS	FWS
23. Konkan & Goa	WS	WS	WS	WS	WS
24. Madhya Maharashtra	FWS	FWS	WS	WS	WS
25. Marathawada	FWS	WS	WS	WS	WS
26. Vidharbha	WS	WS	WS	WS	WS
27. Chhattisgarh	WS	FWS	FWS	FWS	FWS
28. Coastal A. P. & Yanam	FWS	FWS	WS	WS	WS
29. Telangana	FWS	FWS	WS	WS	WS
30. Rayalaseema	FWS	SCT	SCT	FWS	FWS
31. T.N.,Puducherry & Karaikal	SCT	SCT	ISOL	ISOL	ISOL
32. Coastal Karnataka	WS	WS	WS	WS	WS
33. North Interior Karnataka	WS	FWS	WS	WS	WS
34. South Interior Karnataka	WS	WS	WS	WS	WS
35. Kerala & Mahe	WS	WS	WS	WS	WS
36. Lakshadweep	WS	WS	WS	WS	WS

% Station Reporting Rainfall

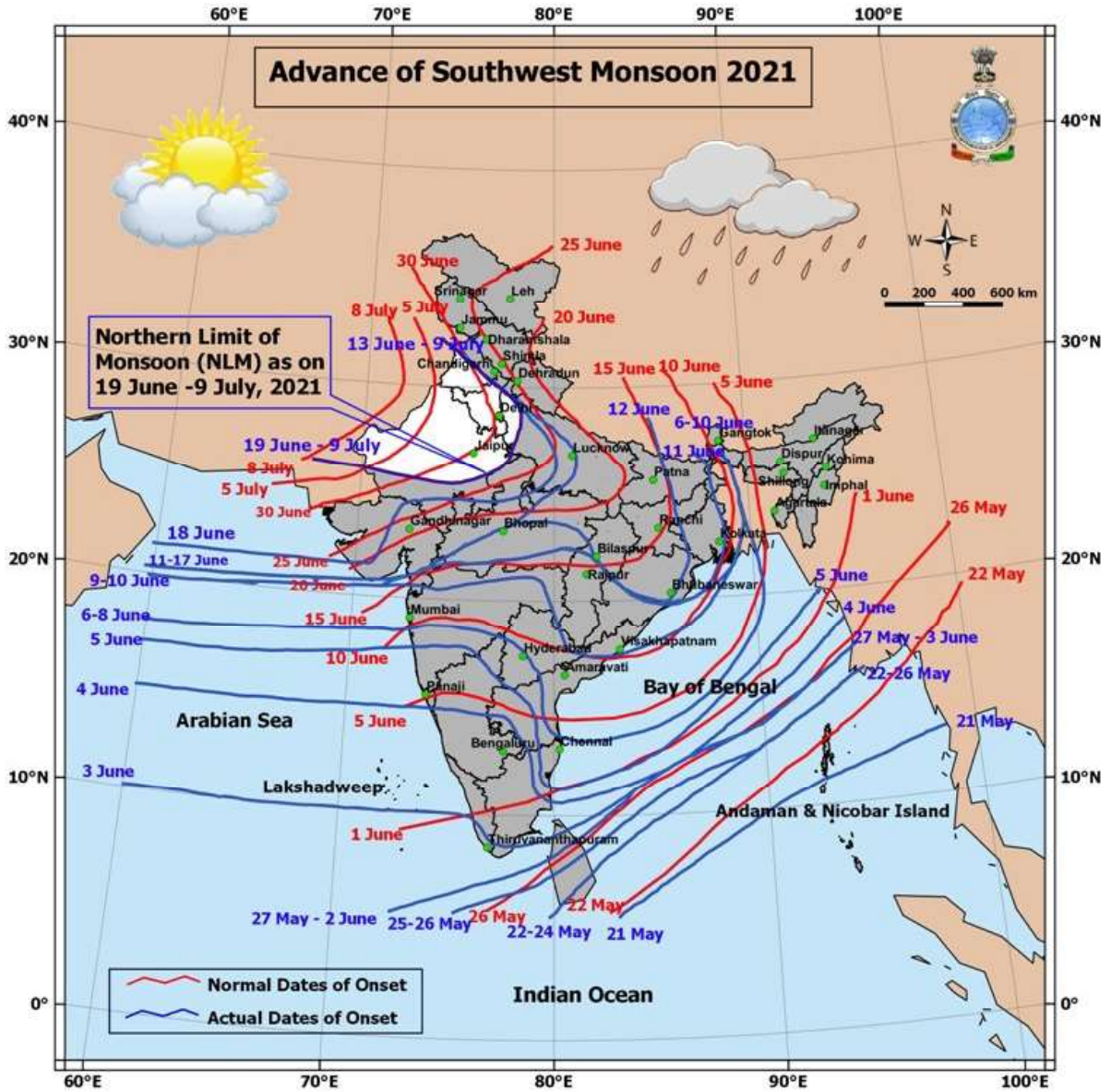
% Stations	Category	% Stations	Category
76-100	Widespread (WS/ Most Places)	26-50	Scattered (SCT/ A Few Places)
51-75	Fairly Widespread (FWS/ Many Places)	1-25	Isolated (ISOL)
No Rain	Dry		

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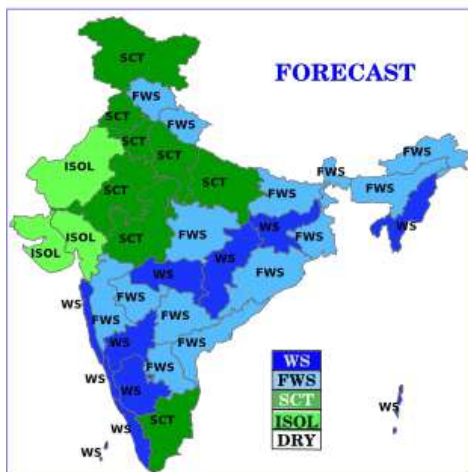
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Friday 09 July 2021



9 July (Day 1): ♦ **Heavy to Very Heavy Rainfall** very likely at isolated places over Vidharbha, Konkan & Goa, Coastal & South Interior Karnataka, Kerala & Mahe and Tamilnadu, Puducherry & Karaikal and **Heavy Rainfall** at isolated places over Uttarakhand, East Uttar Pradesh, East Madhya Pradesh, Chhattisgarh, Bihar, Jharkhand, Odisha, Andaman & Nicobar Islands, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Madhya Maharashtra, Marathwada, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, North Interior Karnataka and Lakshadweep.

♦ **Thunderstorm with gusty wind** (speed reaching 40-50 kmph) very likely at isolated places over Andaman & Nicobar Islands and **with lightning** very likely at isolated places over Jammu, Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad, Himachal Pradesh, Uttarakhand, Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh, East Rajasthan, Madhya Pradesh, Vidarbha, Chhattisgarh, Bihar, Jharkhand, West Bengal & Sikkim, Odisha, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Madhya Maharashtra, Marathwada, Konkan & Goa, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Karnataka and Tamilnadu, Puducherry & Karaikal. **Thunderstorm/Duststorm with lightning & gusty winds (speed reaching 40-50 kmph)** very likely at isolated places over West Rajasthan.

♦ **Strong Winds (speed 40-50 kmph gusting to 60 kmph)** very likely over Southwest & Westcentral Arabian sea; Lakshadweep area and along & off Kerala & Karnataka coasts; South Bay of Bengal along & off Tamil Nadu & south Andhra Pradesh coasts, Comorin area, Gulf of Mannar and Andaman Sea. Fishermen are advised not to venture into these areas.

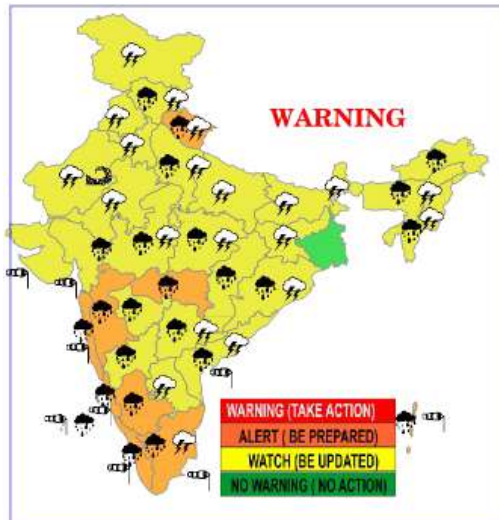
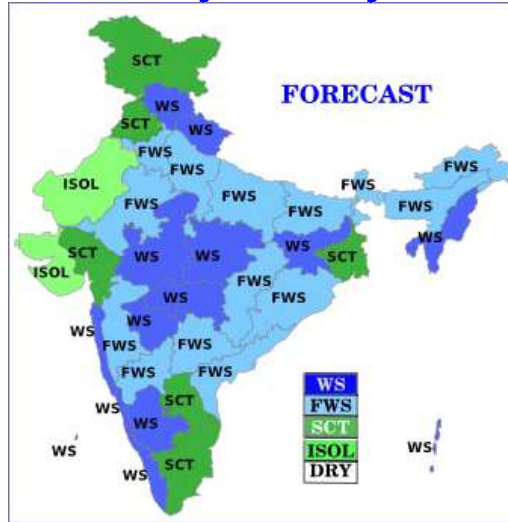
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Saturday 10 July 2021



10 July (Day 2): ♦ **Heavy to Very Heavy Rainfall** very likely at isolated places over Uttarakhand, Vidarbha, Andaman & Nicobar Islands, Madhya Maharashtra, Konkan & Goa, Coastal & South Interior Karnataka, Tamilnadu, Puducherry & Karaikal and Kerala & Mahe and **Heavy Rainfall** at isolated places over Himachal Pradesh, West Uttar Pradesh, East Rajasthan, Madhya Pradesh, Chhattisgarh, Odisha, Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura, Gujarat Region, Marathwada, Coastal Andhra Pradesh & Yanam, Telangana, North Interior Karnataka and Lakshadweep.

♦ **Thunderstorm accompanied with lightning & Squall** (speed reaching 50-60 kmph) very likely at isolated places over Andaman & Nicobar Islands; **with hail** at isolated places over Jammu, Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad and **with lightning** at isolated places over Himachal Pradesh, Uttarakhand, Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh, East Rajasthan, Madhya Pradesh, Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim, Odisha, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema and Tamilnadu, Puducherry & Karaikal. **Thunderstorm/Duststorm with lightning & gusty winds (speed reaching 40-50 kmph)** very likely at isolated places over West Rajasthan.

♦ **Strong Winds (speed 40-50 kmph gusting to 60 kmph)** very likely over Southwest & Westcentral Arabian sea; Northeast Arabian Sea and along & off Gujarat coast; Lakshadweep area and along & off Kerala & Karnataka coasts; South Bay of Bengal; Westcentral bay of Bengal along & off Tamil Nadu & south Andhra Pradesh coasts, Comorin area, Gulf of Mannar and Andaman Sea. Fishermen are advised not to venture into these areas.

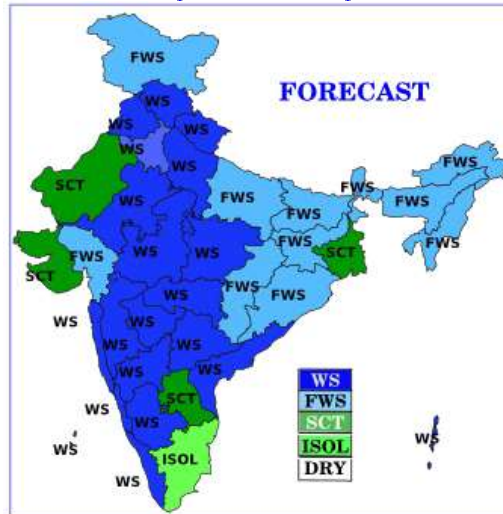
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Sunday 11 July 2021



11 July (Day 3): ♦ **Heavy to Very Heavy Rainfall with Extremely heavy falls** very likely at isolated places over south Konkan & Goa, Coastal & South Interior Karnataka and Kerala & Mahe; **Heavy to Very Heavy Rainfall** at isolated places over Himachal Pradesh, Uttarakhand, West Uttar Pradesh, East Rajasthan, West Madhya Pradesh, Andaman & Nicobar Islands, Madhya Maharashtra, Coastal Andhra Pradesh & Yanam, Telangana and Tamilnadu, Puducherry & Karaikal and **Heavy Rainfall** at isolated places over Jammu, Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad, Punjab, Haryana, Chandigarh & Delhi, West Rajasthan, East Madhya, Vidarbha, Chhattisgarh, Odisha, Gujarat Region, Marathwada, Rayalaseema, North Interior Karnataka and Lakshadweep.

♦ **Thunderstorm accompanied with lightning & Squall** (speed reaching 50-60 kmph) very likely at isolated places over Andaman & Nicobar Islands; **with hail** at isolated places over Jammu, Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad and **with lightning** at isolated places over East Uttar Pradesh, West Rajasthan, Gangetic West Bengal and Tamilnadu, Puducherry & Karaikal.

♦ **Strong Winds (speed 40-50 kmph gusting to 60 kmph)** likely over Southwest & Westcentral Arabian sea; Northeast Arabian Sea and along & off Gujarat coast; Lakshadweep area and along & off Kerala & Karnataka coasts; South Bay of Bengal; Westcentral bay of Bengal along & off Tamil Nadu & south Andhra Pradesh coasts, Comorin area, Gulf of Mannar and Andaman Sea. Fishermen are advised not to venture into these areas.

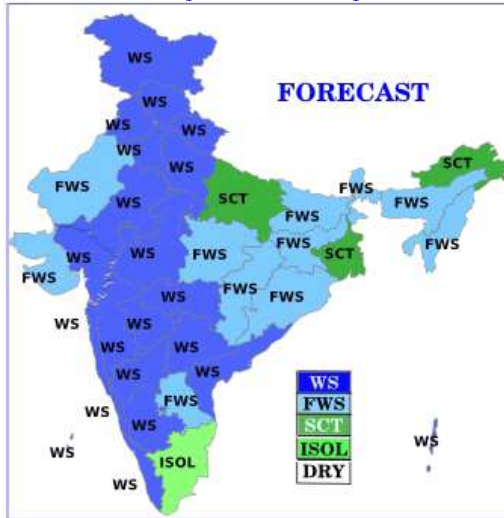
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Monday 12 July 2021



12 July (Day 4): ♦ **Heavy to Very Heavy Rainfall with Extremely heavy falls** very likely at isolated places over Madhya Maharashtra, Konkan & Goa and Coastal & South Interior Karnataka; **Heavy to Very Heavy Rainfall** at isolated places over Himachal Pradesh, Uttarakhand, West Uttar Pradesh, East Rajasthan, Gujarat Region, Coastal Andhra Pradesh & Yanam, Telangana, Tamilnadu, Puducherry & Karaikal and Kerala & Mahe and **Heavy Rainfall** at isolated places over Punjab, Haryana, Chandigarh & Delhi, West Rajasthan, Madhya Pradesh, Vidarbha, Chhattisgarh, Odisha, Andaman & Nicobar Islands, Saurashtra & Kutch, Marathwada, Rayalaseema and North Interior Karnataka.

♦ **Thunderstorm accompanied with lightning & Squall** (speed reaching 50-60 kmph) very likely at isolated places over Andaman & Nicobar Islands; **with hail** at isolated places over Jammu, Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad and **with lightning** at isolated places over East Uttar Pradesh, West Rajasthan and Tamilnadu, Puducherry & Karaikal.

♦ **Strong Winds (speed 40-50 kmph gusting to 60 kmph)** likely over Southwest & Westcentral Arabian sea; Northeast Arabian Sea and along & off Gujarat coast; Lakshadweep area and along & off Kerala & Karnataka coasts; South Bay of Bengal; Westcentral bay of Bengal along & off Tamil Nadu & south Andhra Pradesh coasts, Comorin area, Gulf of Mannar and Andaman Sea. Fishermen are advised not to venture into these areas.

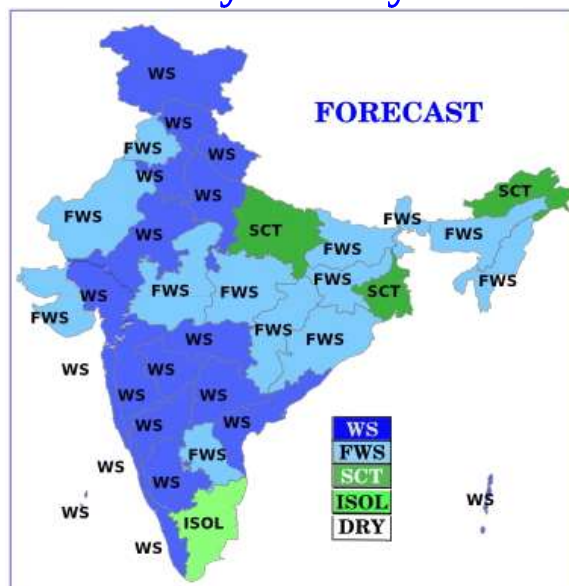
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Tuesday 13 July 2021



13 July (Day 5): ♦ **Heavy to Very Heavy Rainfall with Extremely heavy falls** likely at isolated places over Madhya Maharashtra and Konkan & Goa; **Heavy to Very Heavy Rainfall** at isolated places over West Uttar Pradesh, Gujarat State, Telangana and Coastal & South Interior Karnataka and **Heavy Rainfall** at isolated places over Jammu, Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad, Himachal Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, East Rajasthan, West Madhya Pradesh, Vidarbha, Chhattisgarh, Odisha, Andaman & Nicobar Islands, Marathwada, Coastal Andhra Pradesh & Yanam, Rayalaseema, North Interior Karnataka, Tamilnadu, Puducherry & Karaikal and Kerala & Mahe.

♦ **Thunderstorm accompanied with lightning & gusty wind** (speed reaching 50-60 kmph) likely at isolated places over Andaman & Nicobar Islands; and **with lightning** at isolated places over Jammu, Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad, East Uttar Pradesh, West Rajasthan and Tamilnadu, Puducherry & Karaikal.

♦ **Strong Winds** (speed 40-50 kmph gusting to 60 kmph) likely over Southwest & Westcentral Arabian sea; Northeast Arabian Sea and along & off Gujarat coast; Lakshadweep area and along & off Kerala & Karnataka coasts; South Bay of Bengal; Westcentral bay of Bengal along & off Tamil Nadu & south Andhra Pradesh coasts, Comorin area, Gulf of Mannar and Andaman Sea. Fishermen are advised not to venture into these areas.

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