



Government of India
Earth System Sciences Organization
Ministry of Earth Sciences
India Meteorological Department

Press Release
Date: 03rd March, 2020
Time of Issue: 1800 hrs IST

Subject: An active wet spell over northwest & adjoining Central India during 4th March to 7th March, 2020

- ❖ A Western Disturbance as a cyclonic circulation lies over Iran & neighbourhood at mid-tropospheric levels. Under its influence, an induced cyclonic circulation very likely to form over southwest Rajasthan & adjoining Pakistan at lower tropospheric levels by tomorrow, the 04th March, 2020 night.
- ❖ High moisture feeding very likely to take place over northwest India from Arabian Sea at lower & mid tropospheric levels mainly on 5th & 6th March, 2020. Under its influence:
 - Widespread rainfall/snowfall is most likely to occur over Western Himalayan region during 05th to 07th March, 2020. Fairly widespread to widespread rainfall very likely over Punjab, Haryana, Chandigarh, Delhi and Uttar Pradesh during the same period.
 - **Thunderstorm accompanied with lightning, hail & gusty wind (speed reaching 30-40 kmph)** is very likely to occur at isolated places over Jammu & Kashmir, Ladakh, Gilgit-Baltistan, Himachal Pradesh, Uttarakhand, Uttar Pradesh, north Rajasthan and at a few places over Punjab & Haryana on 05th & 06th March, 2020.
 - **Heavy Rain/snowfall** also very likely over Jammu & Kashmir, Gilgit-Baltistan from 05th to 07th and over Himachal Pradesh on 5th & 6th and over Uttarakhand on 06th March 2020; **heavy rainfall** at isolated places over Punjab on 05th & 6th; over Haryana, Chandigarh and West Uttar Pradesh on 06th March, 2020.
- ❖ Due to most likely confluence between westerly winds associated with the Western Disturbance and moist low level easterly wind from Arabian Sea mainly during 04th- 06th March over Central & adjoining East India, moderate scattered to fairly widespread rainfall with isolated **thunderstorm accompanied with lightning/hail** very likely over Odisha, West Bengal & Sikkim, Bihar, Jharkhand, Chhattisgarh, Madhya Pradesh and Northeastern states during same period.

Detailed forecast & warnings for the above systems are as follow:

Sub-Divisions	04 March. 2020*	05 March. 2020*	06 March 2020*	07 March 2020*
Jammu, Kashmir, Ladakh & Gilgit-Baltistan	Rain/snowfall at many places with isolated thunderstorm, lightning & hail	Rain/snowfall at most places with isolated heavy rainfall/snowfall, thunderstorm, lightning & hail	Rain/snowfall at most places with isolated heavy rainfall/snowfall, thunderstorm & lightning	Rain/snowfall at most places with isolated heavy rainfall/snowfall, thunderstorm & lightning

Himachal Pradesh	Rain/snowfall at a few places with isolated thunderstorm & lightning	Rain/snowfall at most places with isolated heavy rainfall/snowfall, thunderstorm, lightning & hail	Rain/snowfall at most places with isolated heavy rainfall/snowfall, thunderstorm, lightning & hail	Rain/snowfall at most places
Uttarakhand	Rain/snowfall at isolated places	Rain/snowfall at a few places with isolated thunderstorm, lightning & hail	Rain/snowfall at most places with isolated heavy rainfall/snowfall, thunderstorm, lightning & hail	Rain/snowfall at most places with isolated thunderstorm & lightning
Punjab	Rainfall at a few places with isolated thunderstorm & lightning	Rainfall at most places with isolated heavy rainfall, thunderstorm, lightning, hail & gusty wind speed reaching 30-40 kmph	Rainfall at most places with isolated heavy rainfall, thunderstorm, lightning, hail & gusty wind speed reaching 30-40 kmph	Rainfall at a few places
Haryana, Chandigarh & Delhi	Rainfall at isolated places with isolated thunderstorm & lightning	Rainfall at most places with isolated thunderstorm, lightning, hail & gusty wind speed reaching 30-40 kmph	Rainfall at most places with isolated heavy rainfall, thunderstorm, lightning, hail & gusty wind speed reaching 30-40 kmph	Rainfall at a few places
West Uttar Pradesh	Rainfall at isolated places with isolated thunderstorm & lightning	Rainfall at many places with isolated thunderstorm, lightning, hail & gusty wind speed reaching 30-40 kmph	Rainfall at most places with isolated heavy rainfall, thunderstorm, lightning, hail & gusty wind speed reaching 30-40 kmph	Rainfall at a few places
East Uttar Pradesh	Rainfall at isolated places	Rainfall at a few places with isolated thunderstorm, lightning, hail & gusty wind speed reaching 30-40 kmph	Rainfall at many places with isolated thunderstorm, lightning, hail & gusty wind speed reaching 30-40 kmph	Rainfall at a few places
West Rajasthan	Rainfall at isolated places	Rainfall at a few places with isolated thunderstorm, lightning & hail	Rainfall at isolated places with isolated thunderstorm, lightning & hail	Dry
East Rajasthan	Rainfall at isolated places	Rainfall at a few places with isolated thunderstorm, lightning & hail	Rainfall at a few places with isolated thunderstorm, lightning & hail	Rainfall at isolated places
West Madhya Pradesh	Rainfall at isolated places with isolated thunderstorm & lightning	Rainfall at isolated places with isolated thunderstorm, lightning & hail	Rainfall at isolated places with isolated thunderstorm, lightning & hail	Dry
East Madhya Pradesh	Rainfall at isolated places with isolated	Rainfall at isolated places with isolated thunderstorm, lightning	Rainfall at a few places with isolated thunderstorm,	Rainfall at isolated places with isolated thunderstorm &

	thunderstorm & lightning	& hail	lightning & hail	lightning
Bihar	Rainfall at isolated places	Rainfall at a few places with isolated thunderstorm, lightning & hail	Rainfall at a few places with isolated thunderstorm, lightning & hail	Rainfall at isolated places
Jharkhand	Rainfall at a few places with isolated thunderstorm & lightning	Rainfall at most places with isolated thunderstorm, lightning & hail	Rainfall at most places with isolated thunderstorm, lightning & hail	Rainfall at many places with isolated thunderstorm & lightning
Chhattisgarh	Rainfall at isolated places with isolated thunderstorm & lightning	Rainfall at a few places with isolated thunderstorm, lightning & hail	Rainfall at many places with isolated thunderstorm, lightning & hail	Rainfall at a few places with isolated thunderstorm & lightning
Odisha	Rainfall at a few places with isolated thunderstorm & lightning	Rainfall at many places with isolated thunderstorm, lightning, hail & gusty wind speed reaching 30-40 kmph	Rainfall at many places with isolated thunderstorm & lightning	Rainfall at a few places
Gangetic West Bengal	Rainfall at a few places with isolated thunderstorm & lightning	Rainfall at many places with isolated thunderstorm, lightning, hail & gusty wind speed reaching 30-40 kmph	Rainfall at a few places with isolated thunderstorm & lightning	Rainfall at a few places with isolated thunderstorm & lightning

Note: * Rainfall till 0830 IST of next day.

Legends: **Green: No warning**, **Yellow: Be updated**, **Orange- Be prepared**; **Red- Take action**,

Heavy rain: 64.5-115.5 mm/day; **isolated rain** ($\leq 25\%$ of stations gets rain), **scattered or at a few places rain** (26 to 50% of stations gets rain), **at many places or fairly widespread rain** (51–75% of stations gets rain) and **at most places or widespread rain** ($> 75\%$ of stations gets rain)

For further details and forecast updates kindly visit websites of IMD, New Delhi:

http://www.imd.gov.in/pages/allindiawxfc_bulletin.php

For district level warning, kindly visit website of Meteorological Centres/Regional Meteorological Centres of IMD at state levels.