



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

[Press Release](#)

Dated: 18th January, 2019: Time: 1530 hours IST

Sub.: Active Wet Spell over Northwest India during 20th to 24th January, 2019

Meteorological conditions:

- A fresh Western Disturbance as an upper air cyclonic circulation at 3.1 km above mean sea level lies over Iran & neighbourhood with a trough aloft with its axis at 5.8 km above mean sea level running roughly along Longitude 50°E to the north of Latitude 30°N. Under its influence, an induced cyclonic circulation would form over southwest Rajasthan on 20th and would move over Punjab & adjoining Haryana by 22nd. In addition, there would be high moisture feeding from Arabian Sea over northwest India specifically over Western Himalayan Region (WHR) from 20th to 24th. Strong wind convergence at mid & upper tropospheric levels over WHR and wind confluence at lower levels over plains of northwest India would also occur during same period.

Forecast & Warnings:

Sub-Division	18 Jan. 2019	19 Jan. 2019	20 Jan. 2019	21 Jan. 2019	22 Jan. 2019
Jammu & Kashmir	Rain/snow at a few places	Rain/snow at many places	Rain/snow at most places with isolated heavy falls	Rain/snow at most places with heavy falls at a few places and very heavy falls at isolated places	Rain/snow at most places with isolated heavy falls
Himachal Pradesh	Rain/snow at isolated places	Rain/snow at a few places	Rain/snow at many places	Rain/snow at most places with isolated heavy to very heavy falls	Rain/snow at most places with isolated heavy to very heavy falls
Uttarakhand	Dry	Rain/snow at isolated places	Rain/snow at a few places	Rain/snow at most places	Rain/snow at most places with isolated heavy falls
Punjab	Dry	Dry	Rainfall at isolated places	Rainfall at most places with isolated heavy falls	Rainfall at most places
Haryana, Chandigarh & Delhi	Dry	Dry	Rainfall at isolated places	Rainfall at most places with isolated heavy falls	Rainfall at most places

West Rajasthan	Dry	Dry	Rainfall at isolated places	Rainfall at a few places	Rainfall at isolated places
East Rajasthan	Dry	Dry	Dry	Rainfall at isolated places	Rainfall at isolated places
West Uttar Pradesh	Dry	Dry	Dry	Rainfall at a few places	Rainfall at many places
East Uttar Pradesh	Dry	Dry	Dry	Rainfall at isolated places	Rainfall at a few places
West Madhya Pradesh	Dry	Dry	Dry	Rainfall at isolated places	Rainfall at isolated places
East Madhya Pradesh	Dry	Dry	Dry	Rainfall at isolated places	Rainfall at isolated places


Note: * Rainfall till at 0830 of next day.

- Hailstorm very likely at isolated places over Jammu division, lower reaches of Himachal Pradesh & Uttarakhand, Punjab, Haryana, Chandigarh and West Rajasthan on 20th January; and over Jammu division, lower reaches of Himachal Pradesh & Uttarakhand, Punjab, Haryana, Chandigarh & Delhi, West Uttar Pradesh and north Rajasthan on 21st January 2019.

Outlook for 23rd & 24th January 2019:

- Reduction in rainfall activity most likely over northwest India with scattered to fairly widespread rain/snow over Western Himalayan Region and isolated to scattered rain over the plains.

Legends:

 Rain/ Snow *	Heavy: 64.5 to 115.5 mm/cm *
	Very Heavy: 115.6 to 204.4 mm/cm *
	Extremely Heavy: > 204.4 mm/cm *

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)
Dry (No station reported Rainfall)			

WARNING

WARNING (TAKE ACTION)
ALERT (BE PREPARED)
WATCH (BE UPDATED)
NO WARNING (NO ACTION)