

मौसम विज्ञान केंद्र, जयपुर
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय



Meteorological Centre, Jaipur
India Meteorological Department
Ministry of Earth Science

WEEKLY WEATHER REPORT FOR RAJASTHAN

FOR THE WEEK ENDING ON 28.10.2021

WEEK'S RAINFALL(22/10/2021 to 28/10/2021):- LARGE EXCESS IN EAST RAJASTHAN AND NO RAIN IN WEST RAJASTHAN IN THIS WEEK IN THE STATE.

Chief Rainfall Amount(in cms) : (22/10/2021 to 28/10/2021):-

**24/10/2021 Anupgarh5,Suratgarh4,Raisignagaer4,Kajuwala3ganganagr
SRIGANGANAGAR),Kolayatmagra2,(Bikaner) Tibe 2 (Hanumangarh),Nokha1 (Jaisalmer)**

TEMPERATURES (22/10/2021 to 28/10/2021):-

IN DAY TEMPERATURE NO LARGE CHANGE IN ALL DIVISIONS& THESE WERE ABOVE NORMAL IN JODHPUR&BIKANER DIVISIONS & NEARLY NORMAL IN REST DIVISIONS.IN NIGHT TEMP. NO LARGE CHANGE IN ALL DIVISIONS.THESE WERE ABOVE NORMAL IN BIKANER&JODHPUR DIVISIONS&NEARLY NORMAL IN REST DIVISIONS.

CHIEF SYNOPTIC FEATURES AND ASSOCIATED WEATHER:

23/10/2021 The western Disturbance as a cyclonic circulation over east Afghanistan and neighbourhood now lies over north Pakistan and adjoining Afghanistan at 3.1km above mean sea level with a trough aloft with its axis at 5.8 km above mean sea level roughly along Long.68°E to the north of Lat.25°N. The induced cyclonic circulation over central Pakistan and neighbourhood now lies over central Pakistan and adjoining Punjab and Northwest Rajasthan and extends upto 1.5 km above mean sea level.

24/10/2021• The Western Disturbance as a cyclonic circulation over north Pakistan and adjoining Afghanistan now lies over north Pakistan and neighbourhood and seen between at 3.1 & 7.6 km above mean sea level. The trough in westerlies with its axis at 5.8 km above mean sea level now runs roughly along Long. 70°E to the north of Lat. 23°N.• The induced cyclonic circulation over central Pakistan and adjoining Punjab and Northwest Rajasthan persists and now extends upto 2.1 km above mean sea level.

25/10/2021The Western Disturbance as a trough in westerly with its axis at 5.8 km above mean sea level now runs roughly along Long. 74°E to the north of Lat. 32°N. The induced cyclonic circulation over central Pakistan and adjoining Punjab and Northwest Rajasthan extending upto 2.1 km above mean sea level has become less marked.

27/10/2021The feeble Western Disturbance as a trough in mid-tropospheric westerlies with its axis at 5.8km above mean sea level now runs roughly along Long. 76°E to the north of Lat. 32°N.

28/10/2021

The feeble Western Disturbance as a trough in mid-tropospheric westerlies with its axis at 5.8 km above mean sea level now runs roughly along Long. 78°E to the north of Lat. 32°N has moved away east north east ward.

Under the influence of above systems Rainfall activity remained as per details given below: -

Date	EAST RAJASTHAN Rainfall Distribution	WEST RAJASTHAN Rainfall Distribution
22-10-2021	DRY	DRY
23-10-2021	DRY	DRY
24-10-2021	DRY	DRY
25-10-2021	ISOL	SCT
26-10-2021	DRY	DRY
27-10-2021	DRY	DRY
28-10-2021	DRY	DRY