



Monday, January 20, 2025  
Time of Issue: 0815 hours IST

**All India Weather Inference Based on 0530 hours IST Observations**  
**(MORNING)**

- ❖ The **Western Disturbance** as a trough in middle tropospheric levels with its axis at 5.8 km above mean sea level now runs roughly along Long. 72°E to the north of Lat. 30°N.
- ❖ The induced **cyclonic circulation** over West Rajasthan & adjoining Pakistan at 1.5 km above mean sea level persists.
- ❖ Another **Western Disturbance** as a trough in middle & upper tropospheric levels with its axis at 5.8 km above mean sea level now runs roughly along Long. 58°E to the north of Lat. 28°N.
- ❖ The **trough** from northwest Uttar Pradesh to southwest Rajasthan at 0.9 km above mean sea level persists.
- ❖ Subtropical **westerly Jet Stream** with core winds of the order upto 140 knots at 12.6 km above mean sea level continues to prevail over Northwest India.
- ❖ The **cyclonic circulation** over northeast Assam & neighbourhood at 3.1 km above mean sea level persists.
- ❖ A **cyclonic circulation** lies over Gulf of Mannar & adjoining Sri Lanka at 5.8 km above mean sea level.