

**Telangana State Development Planning Society (TSDPS)**  
Planning Department, Hyderabad-500004.

19<sup>th</sup> April 2024

**WEATHER OUTLOOK FOR NEXT SEVEN DAYS (20<sup>th</sup> to 26<sup>th</sup> April 2024)**

**Highlights of the weather during the past week (13<sup>th</sup> to 19<sup>th</sup> April 2024)**

**Weather Inference:** A trough / wind discontinuity was running from cyclonic circulation over Saurashtra and Kutch & neighbourhood to South Interior Karnataka across Madhya Maharashtra & North Interior Karnataka and extended upto 1.5 km above mean sea level for 3-4 days, ISOLATED rain was observed from during most of days in the week. Heatwave conditions are observed 17<sup>th</sup> and 18<sup>th</sup> April 2024 at isolated pockets in Jagtial, Mancherial, Mulugu, Nalgonda, Wanaparthy and Warangal districts of the State.

**Under this scenario:** Heavy Rainfall recorded at few places over Sangareddy on 13<sup>th</sup>, Moderate Rainfall recorded at isolated places Medak, Kamareddy, Vikarabad, Nalgonda, Sangareddy and Rangareddy on 13<sup>th</sup> and 19<sup>th</sup> and Very Light to Light Rainfall recorded at isolated places Adilabad, Kumuram Bheem, Mancherial, Nirmal, Nizamabad, Kamareddy, Sangareddy, Jagtial, Rajanna Sircilla, Siddipet, Peddapalli, Mulugu, Mahabubabad, Nagarkurnool, Mahabubnagar, Narayanpet, Medchal-Malkajgiri, Peddapalli and Vikarabad districts all over the week except on 16<sup>th</sup> April. Rainfall deviation is below normal with -49%. Maximum temperatures recorded 2° to 3°C above normal at a FEW places, which are in the range of 39° to 44°C, while, Minimum temperatures are in the range of 24° to 27°C.

State cumulative rainfall from 1<sup>st</sup> June, 2023 to 19<sup>th</sup> April 2024 is 924.1 mm against Normal 885.1 mm with deviation 4%. Out of 612 Mandals: 2% of Mandals (12) received large excess, 22% of Mandals (134) received excess, 61% of Mandals (370) received normal, 15% of Mandals (96) received deficit.

The highest Rainfall 66.5 mm was recorded at Kangti (Sangareddy) on 13<sup>th</sup> April 2024.

The highest Maximum Temperature of **45.2°C** was recorded at Madugulapally (Nalgonda) on 19<sup>th</sup> April 2024, while the lowest Minimum Temperature of **19.7°C** is recorded at Kasulabad (Rangareddy) on 15<sup>th</sup> April 2024.

**Heat Wave:** Heatwave conditions prevailed at isolated pockets in Bhadradri Kothagudem and Warangal on 17<sup>th</sup>, Jagtial, Mancherial, Mulugu, Nalgonda, Wanaparthy and Warangal districts of Telangana on 18<sup>th</sup> April.

**Forecast for next week ((20<sup>th</sup> to 26<sup>th</sup> April 2024)**

**Weather Inference:** A cyclonic circulation lies over Marathwada & neighbourhood at 0.9 km above mean sea level and trough/wind discontinuity runs from Marathwada to south Tamil Nadu across Interior Karnataka at 0.9 km above mean sea level. South-easterlies/Southerly winds are prevailing over the State. Gradual fall in Maximum Temperatures by 2° to 3°C is expected at a FEW places over many districts during next 2-3 days.

**Under this scenario:** Light to Moderate Rain/Thundershowers are expected at ISOLATED places expected during most of the days the week.

**Heat Wave:** There is possibility of heat wave at ISOLATED places over the State during 19-20 April.

District Wise Rainfall and Temperature Forecast for next 7 days.		
Date	Districts	Forecast
20 <sup>th</sup> to 26 <sup>th</sup> April 2024	All (33) Districts	Light to Moderate Rain/Thundershowers are expected at ISOLATED places expected during most of the days the week. The Maximum temperatures are expected to be in the range of 38° to 43°C, while the Minimum temperatures to be in the range of 24° to 27°C.