

Daily Weather Report as on 19th September, 2022

During the last 24hrs in the State:

- **Today's State Average Rainfall:** 2.6 mm against 4.5 mm Normal with deviation -42%.
- **State Highest Rainfall Recorded:** 53.6 mm, Kasipet, Mancherial district.
- **Moderate Rainfall (15.6-64.4mm):** Received over Kasipet (53.6) (Mancherial), Tiryani (36.4) (Kumuram Bheem), Dilawarpur (36.1) (Nirmal), Lingapur (35.8) (Kumuram Bheem), Khanpur (31.8) (Nirmal), Kuntala (31.6) (Nirmal), Kubeer (28.9) (Nirmal), Nirmal (24.3) (Nirmal), Sarangapur (23.4) (Nirmal), Narsapur_G (20.8) (Nirmal).
- **Light Rainfall (2.5-15.5 mm) and Very Light Rainfall (0.3-2.4 mm):** Received in Adilabad, Kumuram Bheem, Nirmal, Nizamabad, Jagtial, Mancherial, Peddapalli, Rajanna Sircilla, Kamareddy, Siddipet, Karimnagar, Hanumakonda, Warangal, Mahabubabad, Khammam, Nalgonda and Bhadradi Kothagudem districts.
- **State Average Cumulative rainfall (from 1st June, 2022 to 19th September, 2022):** 1033.9 mm against Normal 675.3 mm with deviation 53%.

During the last 24hrs in the GHMC:

- **GHMC Highest Rainfall Recorded:** No Rainfall recorded.
- **GHMC Average Cumulative rainfall (from 1st June, 2022 to 19th September, 2022):** 701.7 mm against Normal 531.5 mm with deviation 32%.

District wise status of Rainfall received during Southwest monsoon 2022:

1. Large Excess (+60% and above) in 12 districts:

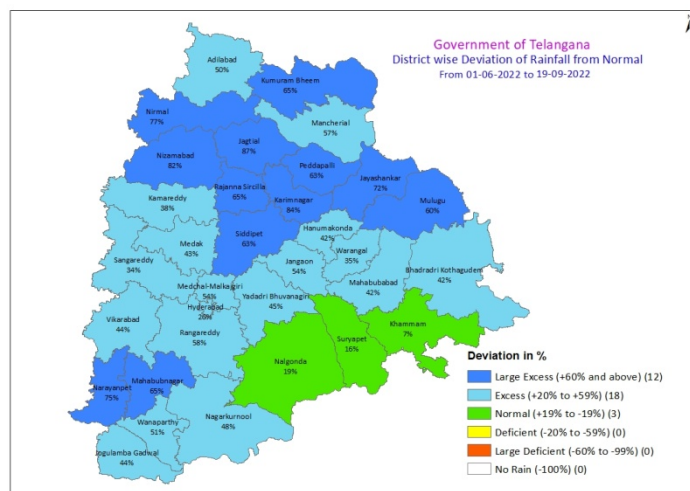
1. Kumuram Bheem, 2.Nirmal, 3.Nizamabad, 4.Jagtial, 5.Peddapalli, 6.Rajanna Sircilla, 7.Karimnagar, 8.Mulugu, 9.Siddipet, 10. Jayashankar, 11.Mahabubnagar, 12.Narayanpet.

2. Excess (+20% to +59%) in 18 districts:

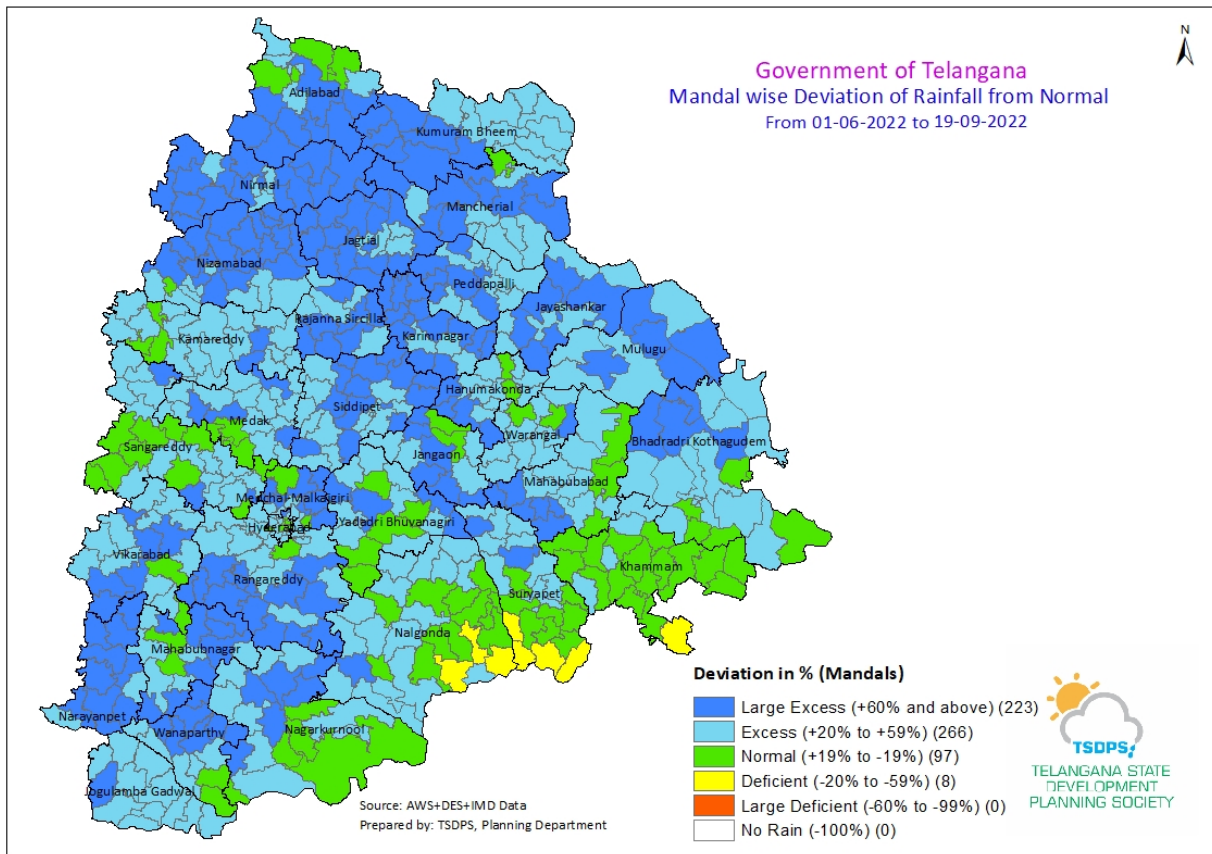
1. Medchal-Malkajgiri, 2. Jogulamba Gadwal, 3. Yadadri Bhuvanagiri, 4. Warangal, 5. Medak, 6. Jangaon, 7. Hanumakonda, 8. Nagarkurnool, 9. Wanaparthy, 10. Kamareddy, 11. Sangareddy, 12. Vikarabad, 13. Bhadradi Kothagudem, 14. Mahabubabad, 15. Adilabad, 16. Mancherial, 17. Hyderabad, 18. Rangareddy.

3. Normal (+19% to -19%) in 3 district:

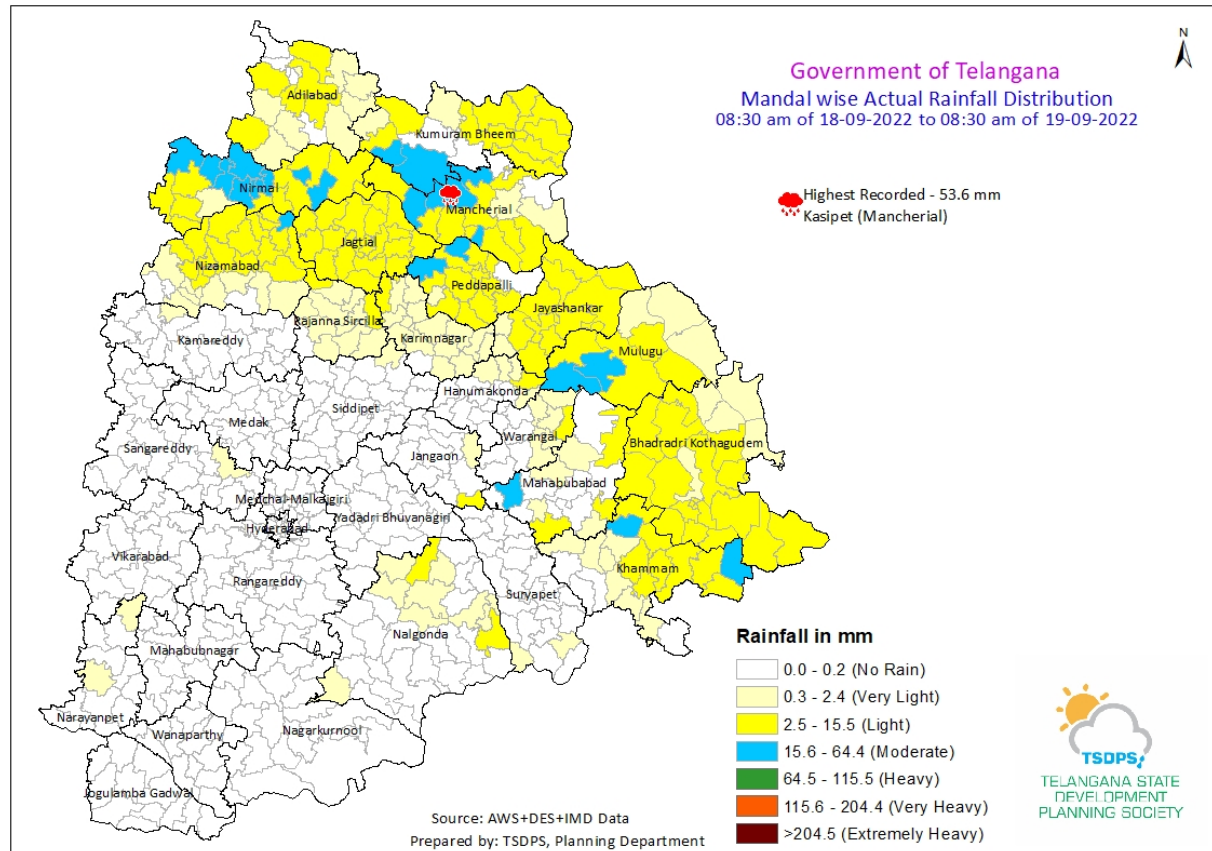
1. Khammam, 2. Suryapet, 3. Nalgonda.



Mandal wise Cumulative Rainfall Status from 1st June to 19th September, 2022



State Rainfall recorded in last 24hours:



TSDPS weather forecast update for next 3 days (From 19th to 22nd September 2022):

Weather Forecast: TSDPS issues daily weather forecast based on State present weather conditions and forecast information available from various other sources such as IMD and other International Centre's, in addition to the weather model WRF (Weather Research and Forecasting model - National Center for Atmospheric Research (NCAR, USA)) run at TSDPS.

State:

Rainfall Forecast: Light to moderate Rain/Thundershowers are expected at MANY places with HEAVY Rain at ISOLATED places for next THREE days.

Temperature Forecast: Maximum temperatures are expected to be in the range of 31° to 34°C, while the Minimum temperatures to be in the range of 21° to 24°C.

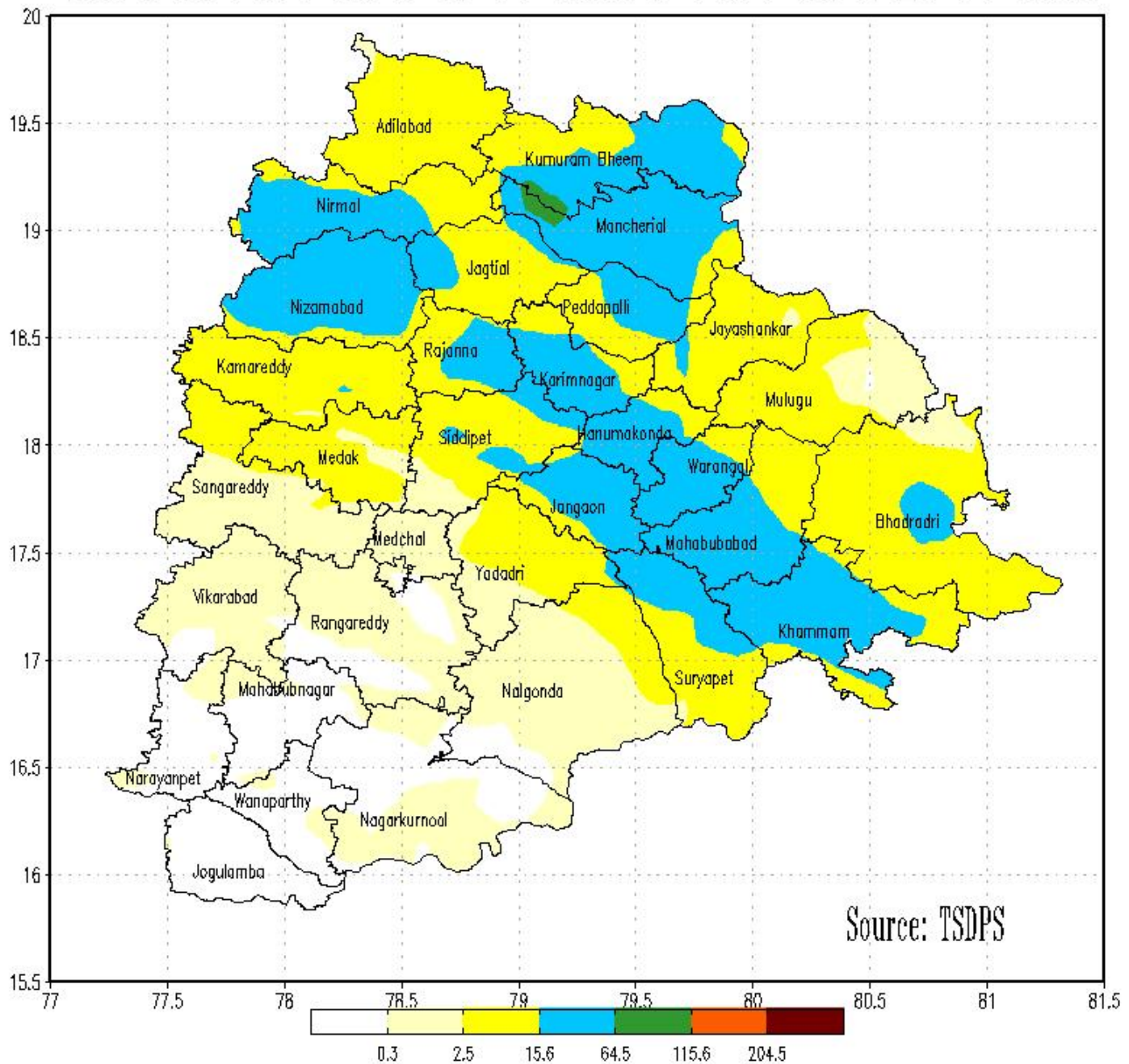
GHMC area:

Rainfall Forecast: Light to moderate Rain/Thundershowers are expected at a FEW places for next THREE days.

Temperature Forecast: Maximum temperatures are expected to be in the range of 30° to 32°C, while the Minimum temperatures to be in the range of 22° to 23°C.

Rainfall Forecast for next 24hours:

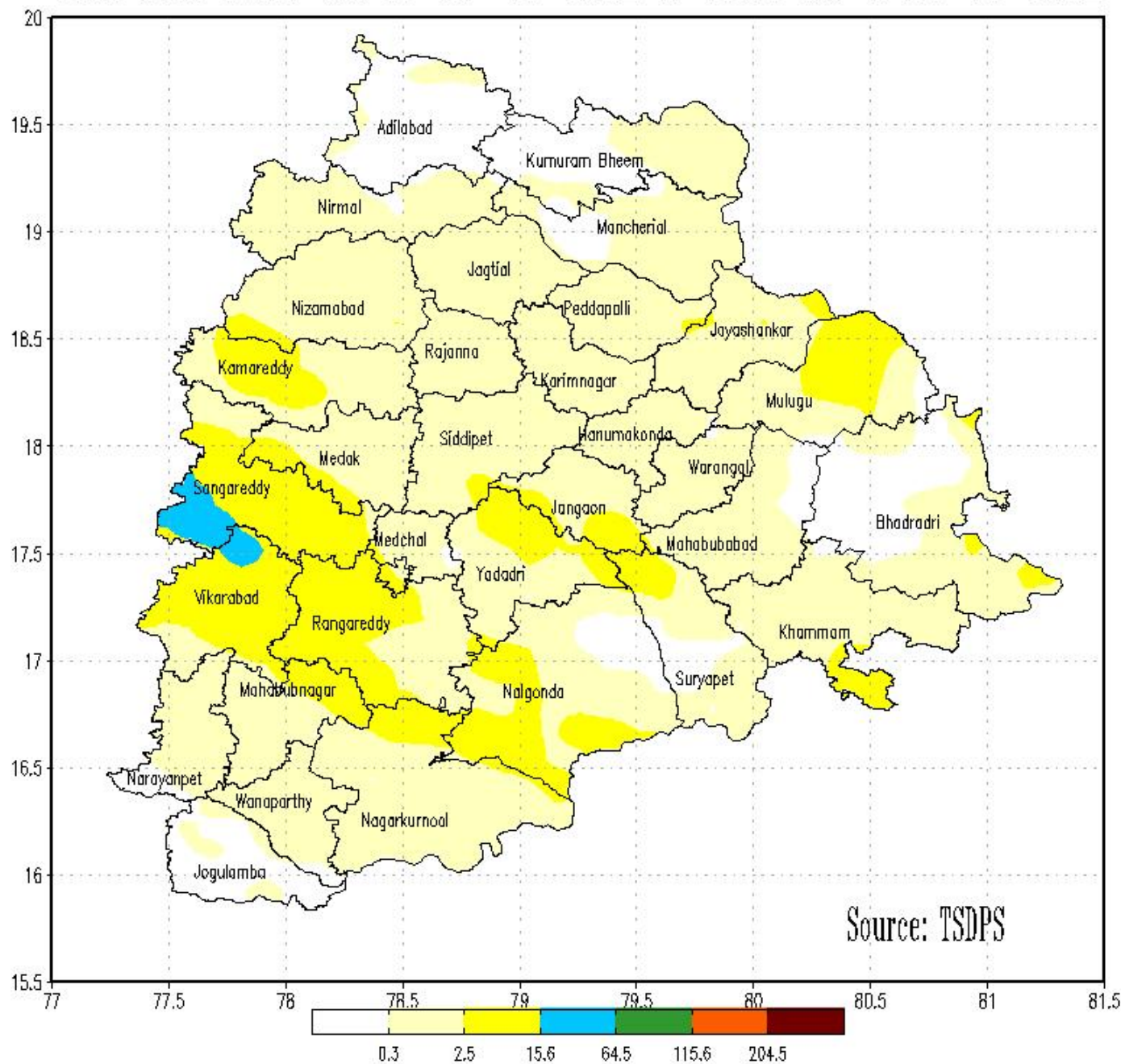
WRF(12km) RAINFALL (mm) FORECAST for 24hr
Valid from 08:30 am of 19-09-2022 to 08:30 am of 20-09-2022



Based on Weather model run: Day-1: Forecast valid from 08:30 a.m. of 19-09-2022 to 08:30 a.m. of 20-09-2022: Moderate to Heavy rain expected over Mancherial, Kumuram Bheem districts, Light to Moderate rain expected over Kumuram Bheem, Mancherial, Nirmal, Nizamabad, Jagtial, Peddapalli, Rajanna Sicilla, Hanumakonda, Warangal, Mahabubabad, Khammam, Suryapet, Jangaon, Bhadradi Kothagudem district, Very Light to Light rain expected all over the state.

Rainfall Forecast for next 48hours:

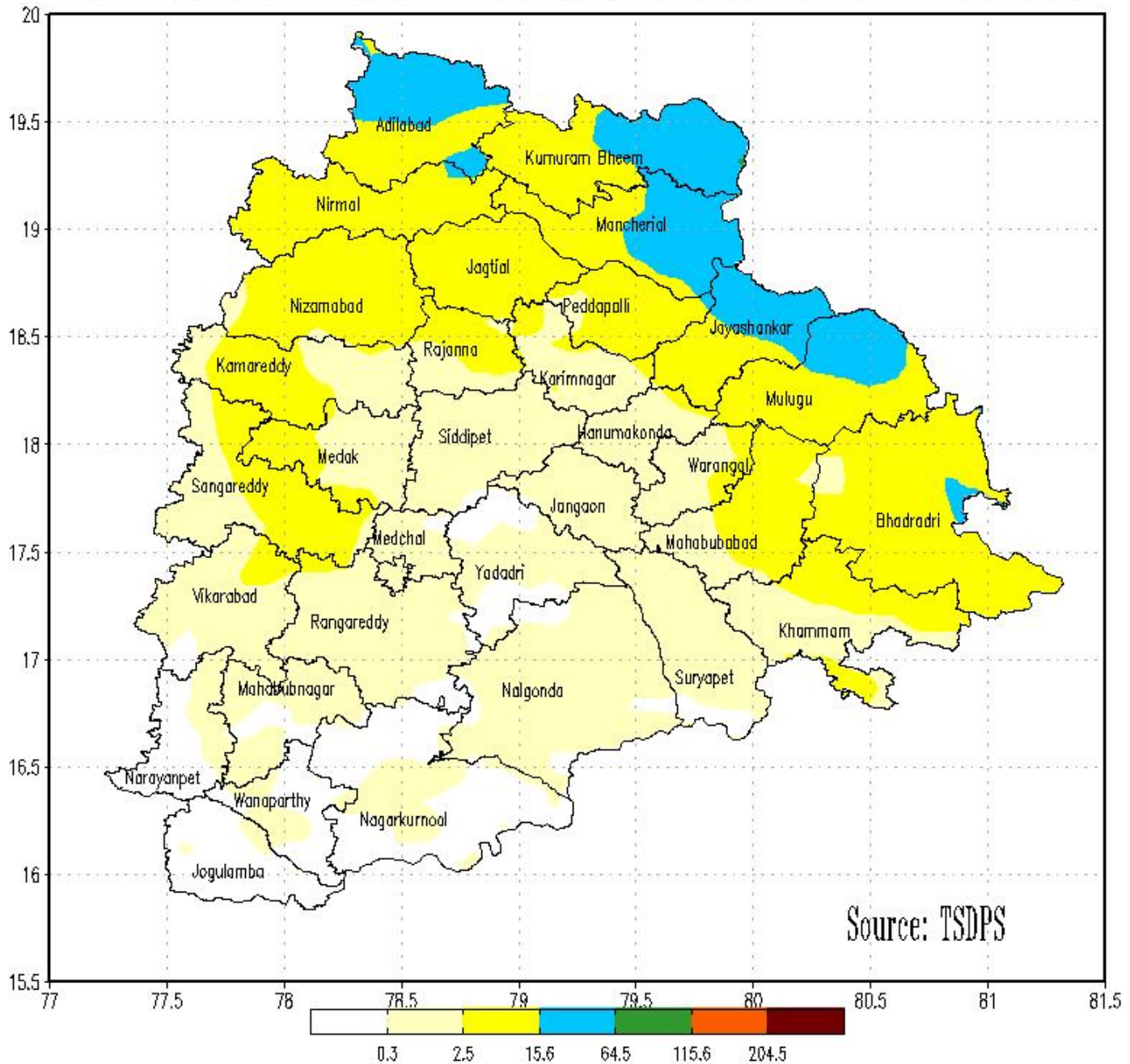
WRF(12km) RAINFALL (mm) FORECAST for 48hr
Valid from 08:30 am of 20-09-2022 to 08:30 am of 21-09-2022



Based on Weather model run: Day-2: Forecast valid from 08:30 a.m. of 20-09-2022 to 08:30 a.m. of 21-09-2022: Light to Moderate rain expected over Sangareddy, Vikarabad districts, Very Light to Light rain expected at isolated places all over the state.

Rainfall Forecast for next 72hours:

WRF(12km) RAINFALL (mm) FORECAST for 72hr
Valid from 08:30 am of 21-09-2022 to 08:30 am of 22-09-2022



Based on Weather model run: Day-3: Forecast valid from 08:30 a.m. of 21-09-2022 to 08:30 a.m. of 22-09-2022: Light to Moderate rain expected over Adilabad, Kumuram Bheem, Mancherial, Jayashankar, Mulugu, Bhadrachalam Kothagudem districts, Very Light to Light rain expected all over the state.