

Daily Weather Report as on 8th September, 2022

During the last 24hrs in the State:

- **Today's State Average Rainfall:** 14.0 mm against 4.5 mm Normal with deviation 211%.
- **State Highest Rainfall Recorded:** 114.6 mm, Bomraspeta, Vikarabad district.
- **Heavy Rainfall (64.5-115.5mm):** Received over Bomraspeta (114.6) (Vikarabad), Dharur (99.7) (Vikarabad), Urkonda (95.3) (Nagarkurnool), Ghattu (93.3) (Jogulamba Gadwal), Chandrugonda (90.9) (Bhadradi Kothagudem), Tirumalgiri (87.3) (Hyderabad), Kodangal(83.4) (Vikarabad), Mogdampalle (78.8) (Sangareddy), Jinnaram (77.3) (Sangareddy), Nandigam (76.5) (Rangareddy).
- **Moderate Rainfall (15.6-64.4mm):** Received in all over the state except Adilabad and Wanaparthy districts.
- **Light Rainfall (2.5-15.5-mm):** Received all over the state.
- **State Average Cumulative rainfall (from 1st June, 2022 to 8th September, 2022):** 916.3 mm against Normal 632.9 mm with deviation 45%.

During the last 24hrs in the GHMC:

- **GHMC Highest Rainfall Recorded:** 87.3 mm, Tirumalgiri, Hyderabad district.
- **GHMC Average Cumulative rainfall (from 1st June, 2022 to 8th September, 2022):** 638.9 mm against Normal 496.3 mm with deviation 28.7%.

District wise status of Rainfall received during Southwest monsoon 2022:

1. Large Excess (+60% and above) in 8 districts:

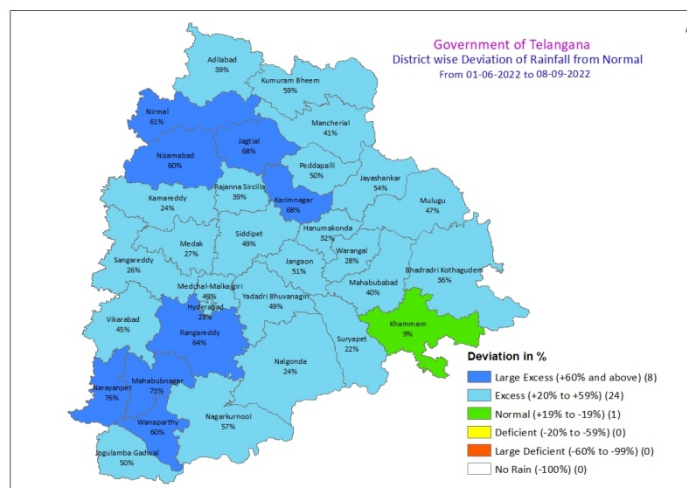
1. Wanaparthy, 2.Nirmal, 3.Nizamabad, 4.Jagtial, 5.Karimnagar, 6. Narayanpet, 7.Mahabubnagar, 8. Rangareddy.

2. Excess (+20% to +59%) in 24 districts:

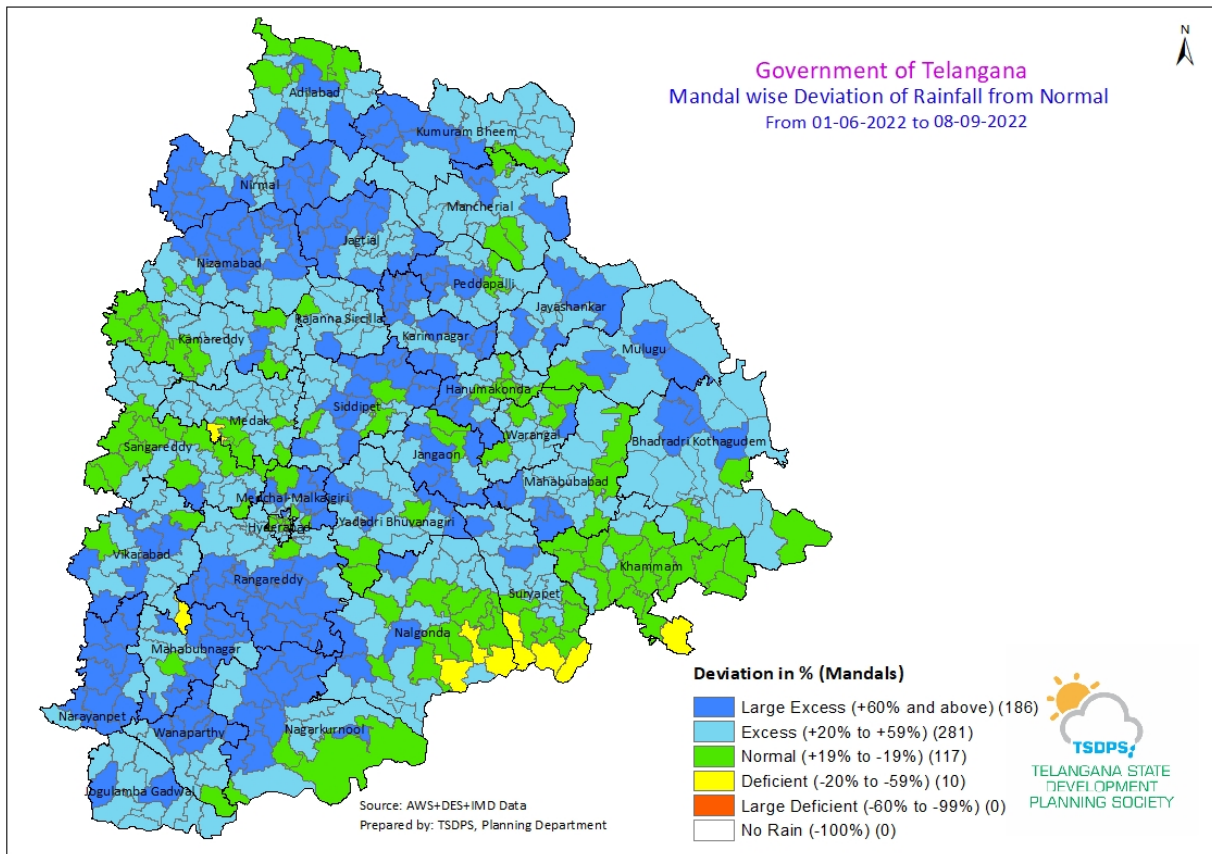
1. Jangaon, 2. Jogulamba Gadwal, 3. Mulugu, 4. Nalgonda, 5.Warangal, 6. Medak, 7. Suryapet, 8. Kumuram Bheem, 9. Hanumakonda, 10. Nagarkurnool, 11. Yadadri-Bhuvanagiri, 12.Kamareddy, 13.Sangareddy, 14. Vikarabad, 15. Bhadradi Kothagudem, 16.Mahabubabad, 17.Medchal-Malkajgiri, 18. Adilabad, 19.Rajanna Sircilla, 20. Siddipet, 21. Jayashankar, 22.Peddapalli, 23.Mancherial, 24 Hyderabad.

3. Normal (+19% to -19%) in 1 district:

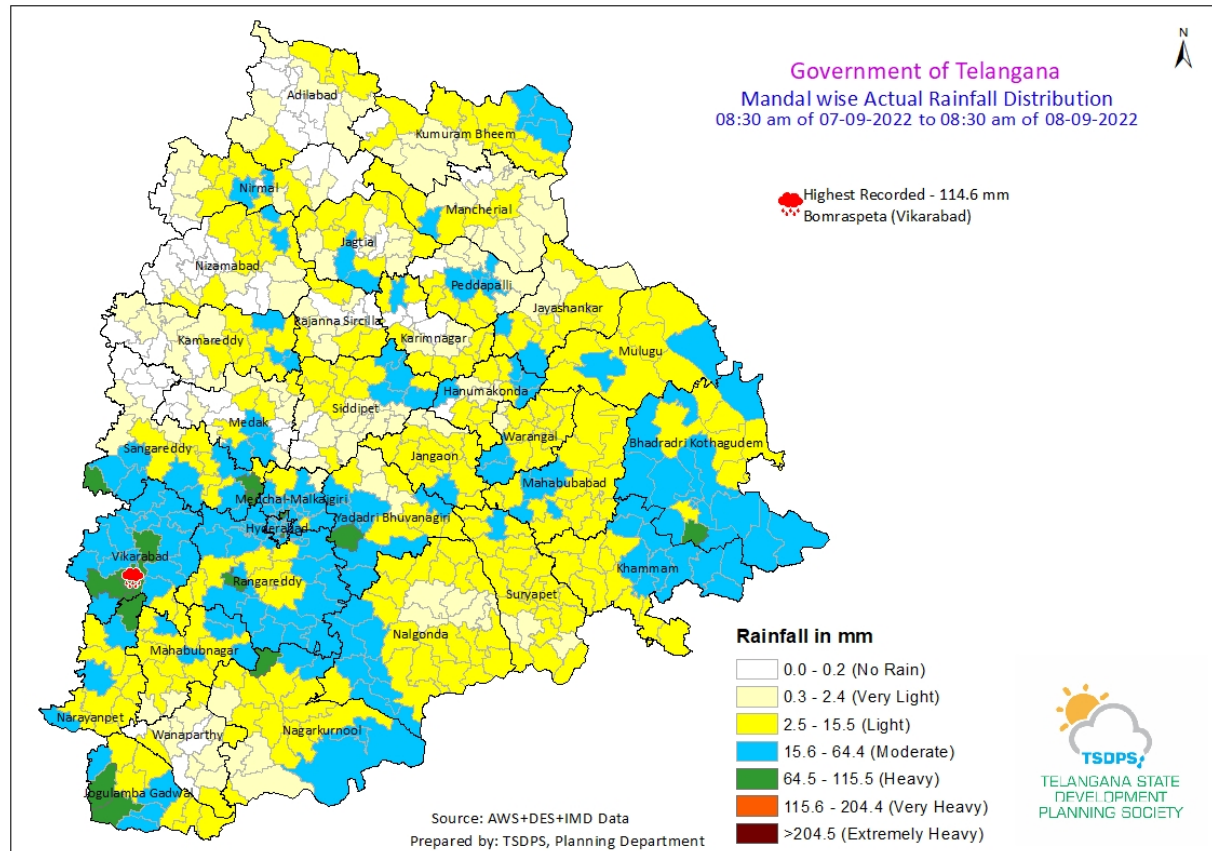
- 1.Khammam.



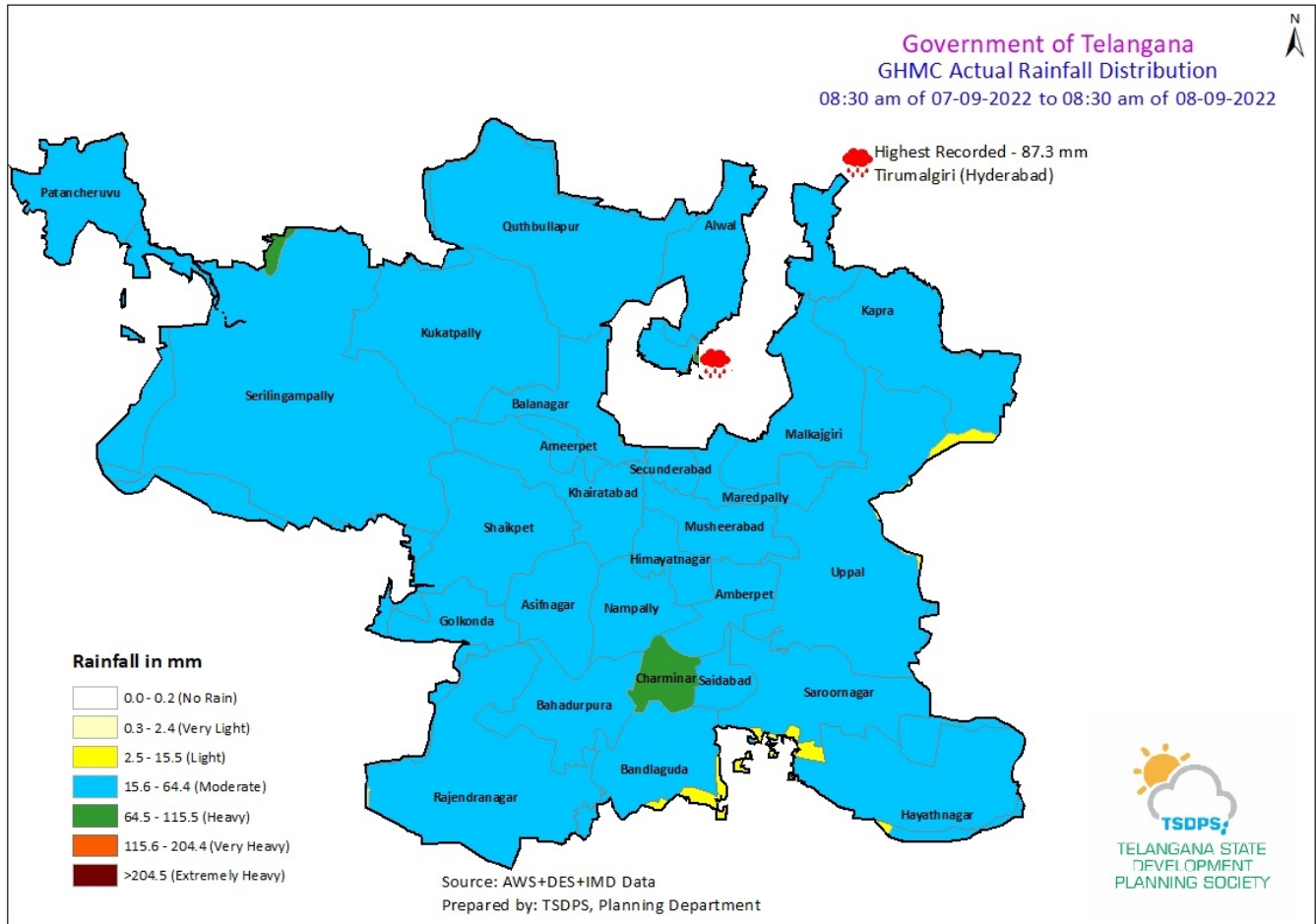
Mandal wise Cumulative Rainfall Status from 1st June to 8th September, 2022



State Rainfall recorded in last 24hours:



GHMC Rainfall recorded in last 24hours:



TSDPS weather forecast update for next 3 days (From 08th to 11th 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.

Weather Inference: A Low Pressure Area has formed over Westcentral & adjoining Eastcentral Bay of Bengal. It is expected to become more marked over Westcentral and adjoining Northwest Bay of Bengal off north Andhra Pradesh-south Odisha coasts during next 48 hours.

- A trough runs from south Konkan to the above Low Pressure Area across North Interior Karnataka, south Telangana & north Coastal Andhra Pradesh at 0.9 km above Sra Level.

State:

Rainfall Forecast: Day-1: Light to moderate Rain/Thundershowers are expected at MANY places with HEAVY Rain at ISOLATED places.

Day-2: Light to moderate Rain/Thundershowers are expected at MANY places with HEAVY to VERY HEAVY Rain at ISOLATED places.

Day-3: Light to moderate Rain/Thundershowers are expected at MANY places with HEAVY to VERY HEAVY Rain at a FEW places and EXTREMELY HEAVY RAIN at ISOLATED places.

Temperature Forecast: Maximum temperatures are expected to be in the range of 30° to 33°C, while the Minimum temperatures to be in the range of 21° to 24°C.

GHMC area:

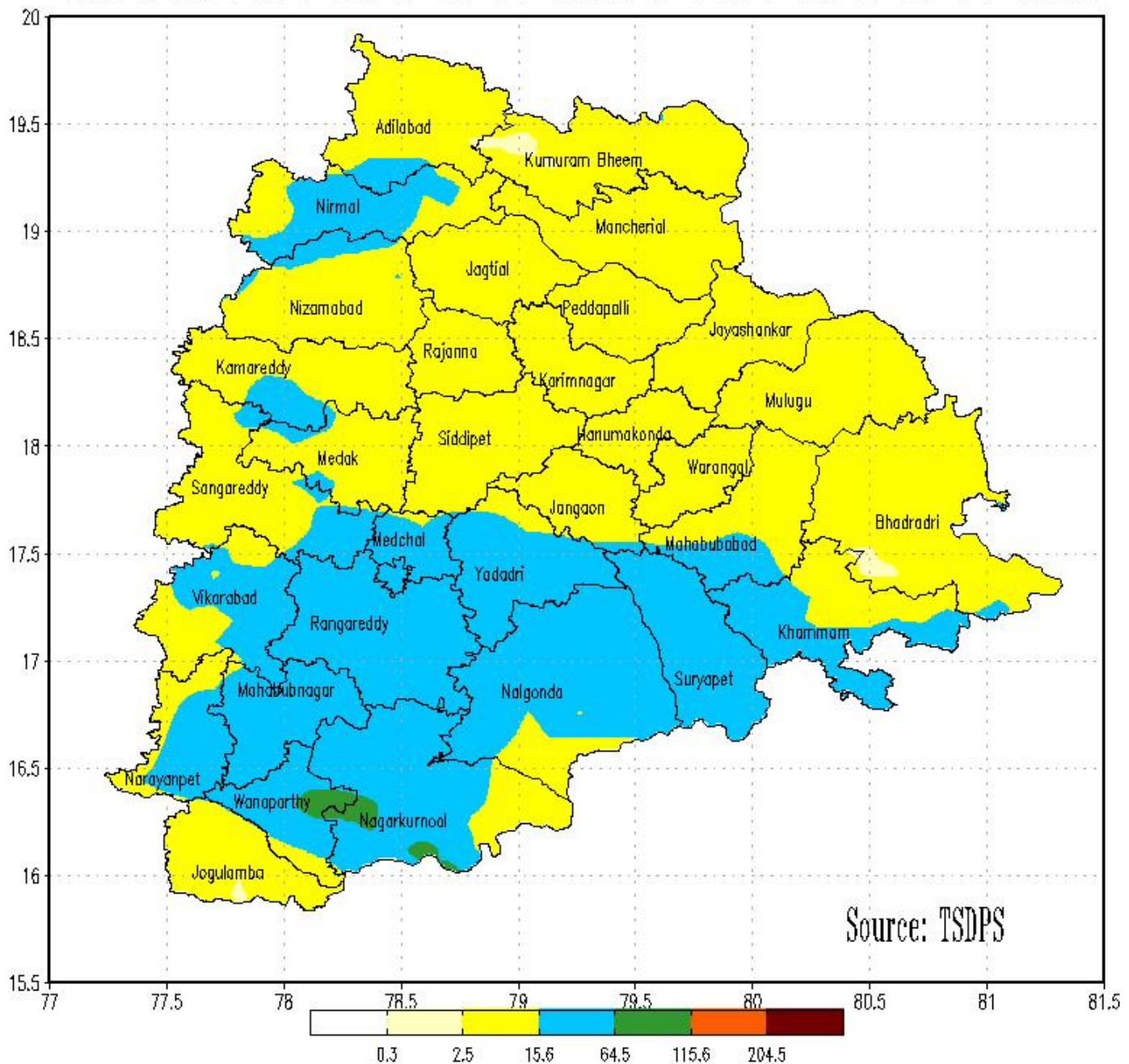
Rainfall Forecast: Day-1: Light to moderate Rain/Thundershowers are expected at MANY places.

Day-2 & Day-3: Light to moderate Rain/Thundershowers are expected at MANY places with HEAVY Rain at ISOLATED places.

Temperature Forecast: Maximum temperatures are expected to be in the range of 28° to 31°C, while the Minimum temperatures to be in the range of 22° to 23°C.

Rainfall Forecast for next 24hours:

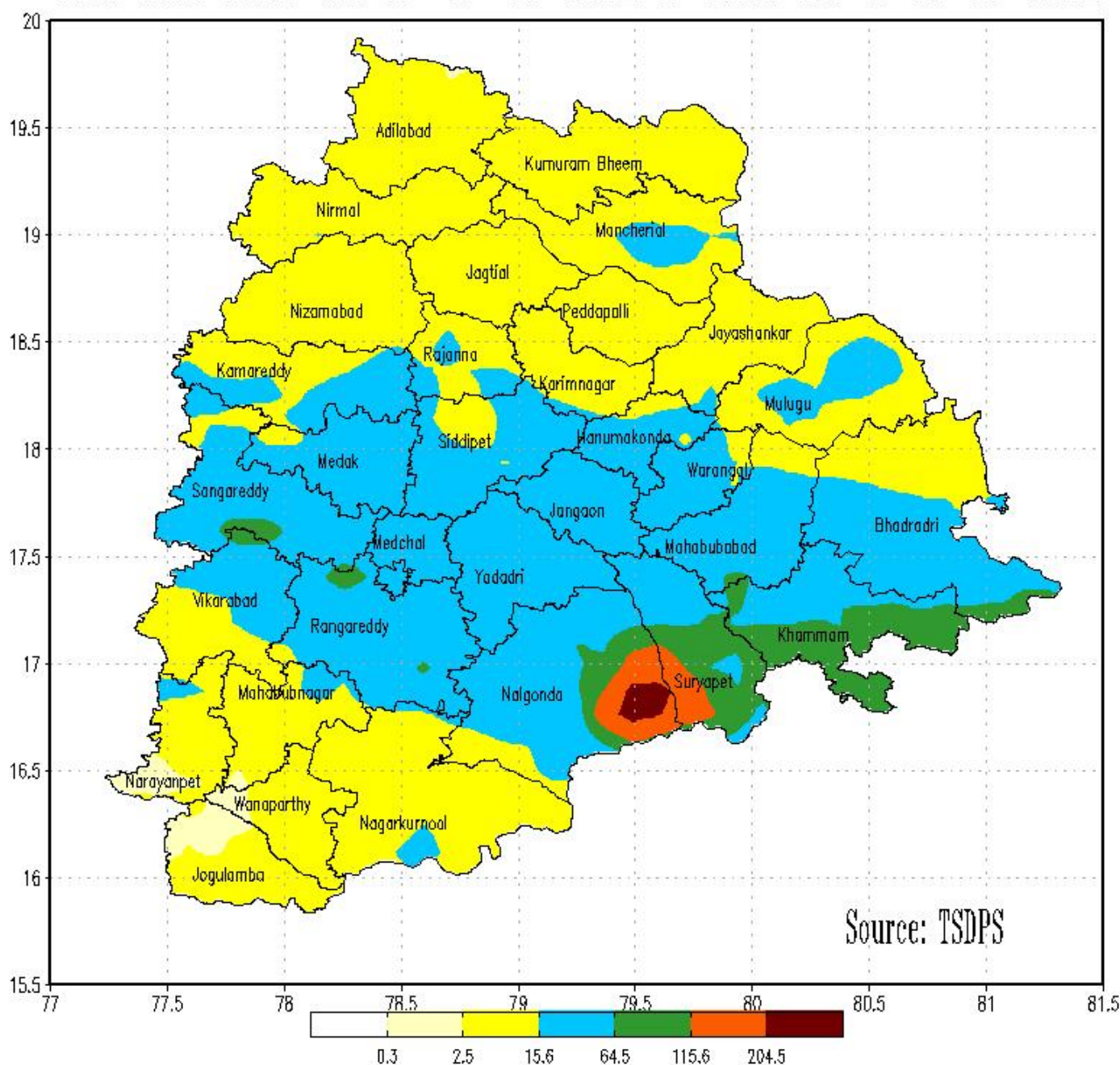
WRF(12km) RAINFALL (mm) FORECAST for 24hr
Valid from 08:30 am of 08-09-2022 to 08:30 am of 09-09-2022



Based on Weather model run: Day-1: Forecast valid from 08:30 a.m. of 08-09-2022 to 08:30 a.m. of 09-09-2022: Moderate to Heavy rain expected at a few places over Nagarkurnool and Wanaparthy districts, Light to Moderate rain is expected all over the state.

Rainfall Forecast for next 48hours:

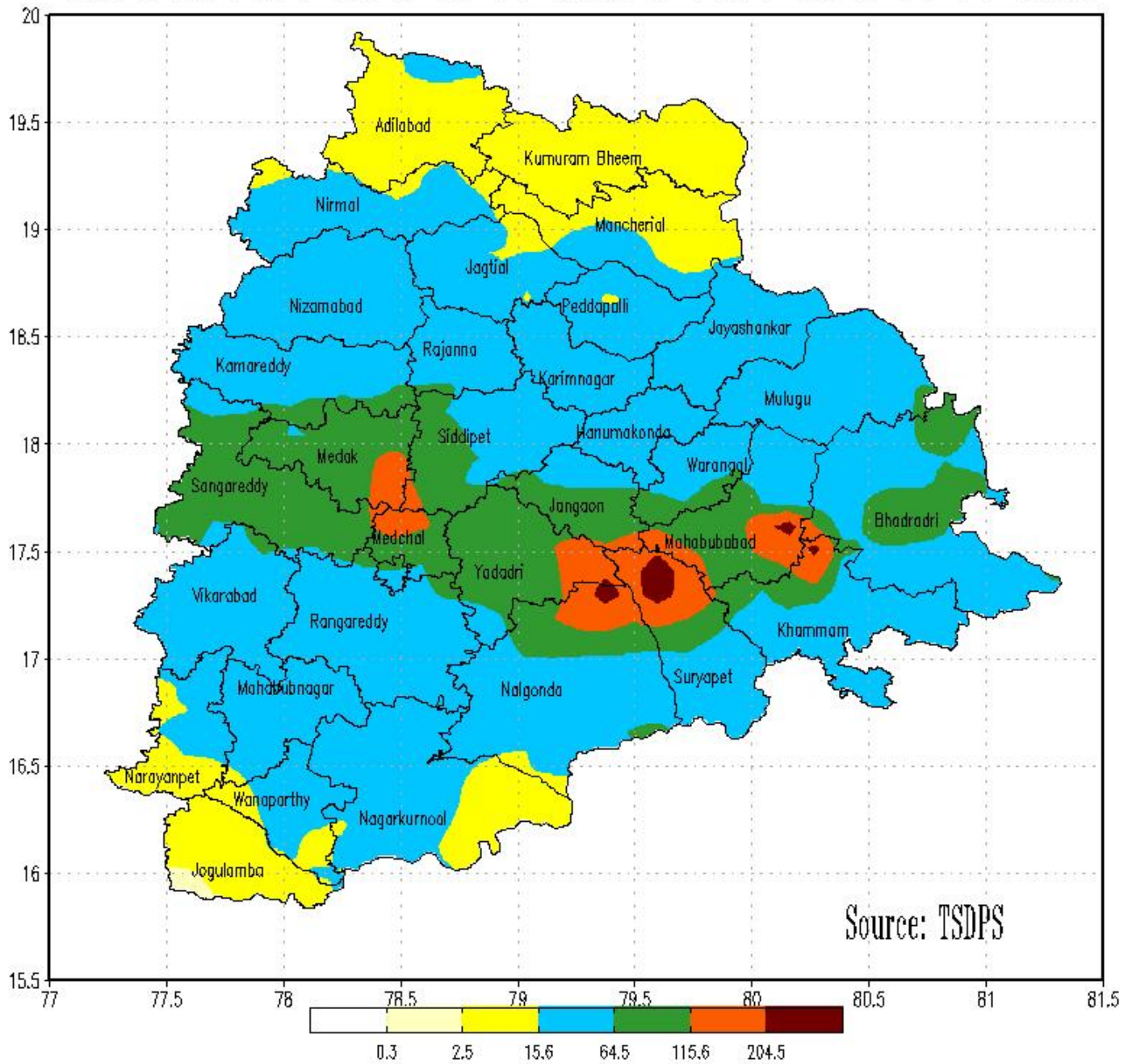
WRF(12km) RAINFALL (mm) FORECAST for 48hr
Valid from 08:30 am of 09-09-2022 to 08:30 am of 10-09-2022



Based on Weather model run: Day-2: Forecast valid from 08:30 a.m. of 09-09-2022 to 08:30 a.m. of 10-09-2022: Very Heavy to Extremely Heavy rain expected at a isolated places over Nalgonda district, Heavy to Very Heavy rain expected at a few places over Nalgonda and Suryapet districts, Moderate to Heavy rain expected at a few places over Sangareddy, Vikarabad, Rangareddy, Medchal-Malkajiri, Nalgonda, Suryapet, Khammam and Bhadradi Kothagudem districts Light to Moderate rain expected all over the state.

Rainfall Forecast for next 72hours:

WRF(12km) RAINFALL (mm) FORECAST for 72hr
Valid from 08:30 am of 10-09-2022 to 08:30 am of 11-09-2022



Based on Weather model run: Day-3: Forecast valid from 08:30 a.m. of 10-09-2022 to 08:30 a.m. of 11-09-2022: Very Heavy to Extremely Heavy rain expected at a isolated places over Nalgonda, Suryapet, Mahabubabad, Khammam and Yadadri Bhuvanagiri districts, Heavy to Very Heavy rain expected at a few places over Medak, Sangareddy, Siddipet, Medchal-Malkajgiri, Yadadri Bhuvanagiri, Jangaon, Mahabubabad, Nalgonda, Suryapet, Khammam, Bhadradi Kothagudem, districts, Moderate to Heavy rain expected at a few places over Medak, Sangareddy, Siddipet, Kamareddy, Rajanna Sircilla, Medchal-Malkajgiri, Yadadri Bhuvanagiri, Jangaon, Mahabubabad, Nalgonda, Suryapet, Khammam, Bhadradi Kothagudem, Warangal districts, Light to Moderate rain expected all over the state.