

## Daily Weather Report as on 9<sup>th</sup> September, 2022

### During the last 24hrs in the State:

- **Today's State Average Rainfall:** 12.8 mm against 5.3 mm Normal with deviation 142%.
- **State Highest Rainfall Recorded:** 91.6 mm, Naykal, Sanga Reddy district.
- **Heavy Rainfall (64.5-115.5mm):** Received over Naykal (91.6) (Sangareddy), Munipalli (84.7) (Sangareddy), Raikode (82.2) (Sangareddy), Naga\_Reddipet (78.0) (Kamareddy), Yellareddy (72.1) (Kamareddy), Gannervaram (71.8) (Karimnagar), Mootakondur (69.0) (Yadadri Bhuvanagiri), Hathanoora (64.8) (Sangareddy), Pembli (64.3) (Nirmal), Kohir (63.5) (Sangareddy).
- **Moderate Rainfall (15.6-64.4mm):** Received in all over the state districts.
- **Light Rainfall (2.5-15.5-mm):** Received all over the state.
- **State Average Cumulative rainfall (from 1<sup>st</sup> June, 2022 to 9<sup>th</sup> September, 2022):** 929.0 mm against Normal 638.2 mm with deviation 46%.

### During the last 24hrs in the GHMC:

- **GHMC Highest Rainfall Recorded:** 61.5 mm, Tirumalgiri, Hyderabad district.
- **GHMC Average Cumulative rainfall (from 1<sup>st</sup> June, 2022 to 9<sup>th</sup> September, 2022):** 665.4 mm against Normal 499.3 mm with deviation 33.3%.

### District wise status of Rainfall received during Southwest monsoon 2022:

#### 1. Large Excess (+60% and above) in 7 districts:

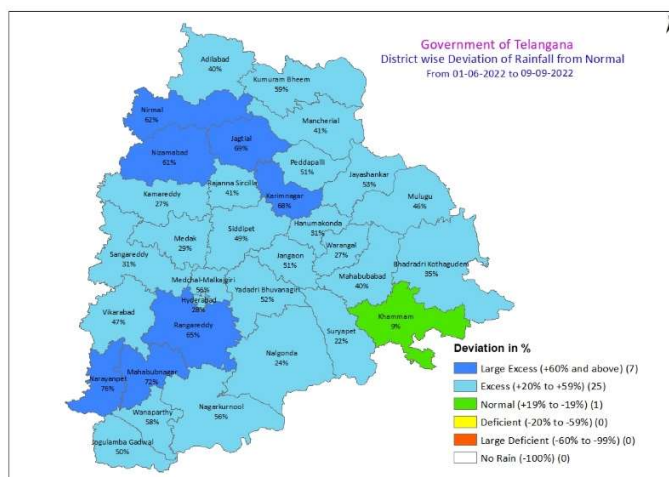
1. Nirmal, 2. Nizamabad, 3. Jagtial, 4. Karimnagar, 5. Narayanpet, 6. Mahabubnagar, 7. Rangareddy.

#### 2. Excess (+20% to +59%) in 25 districts:

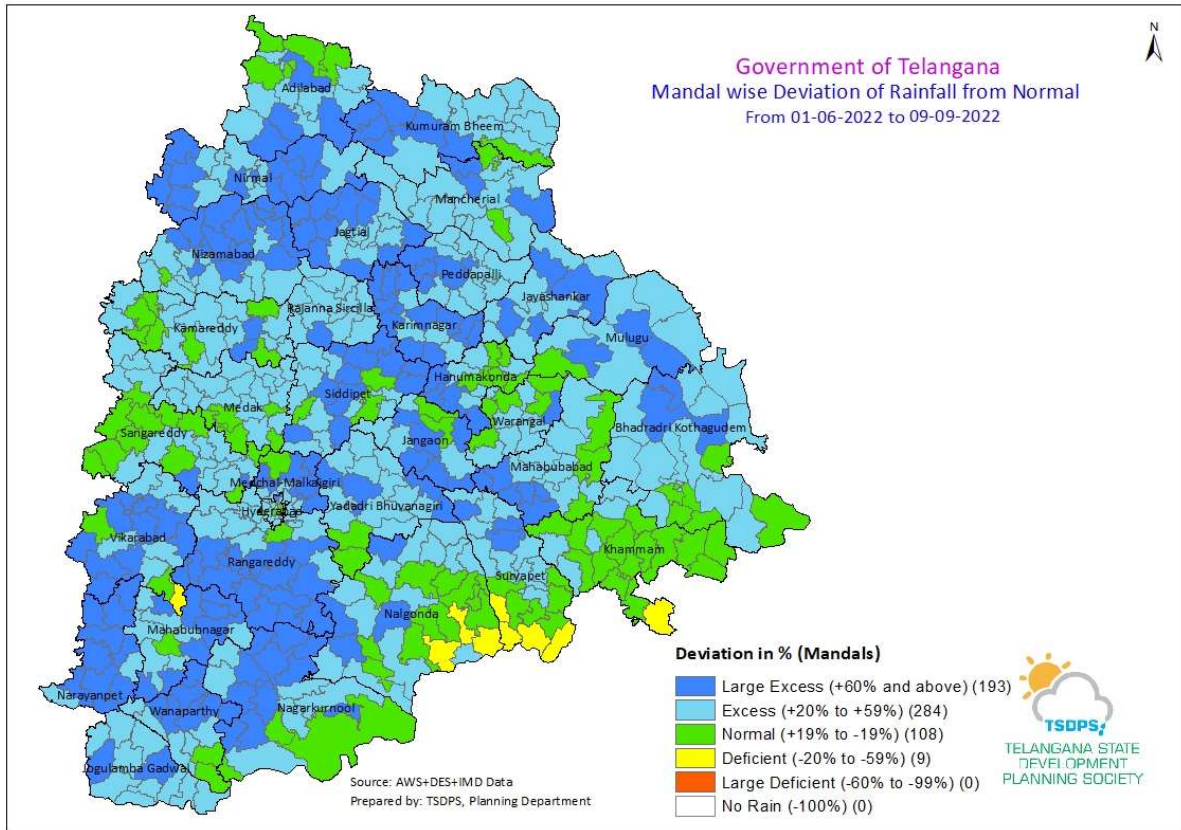
1. Jangaon, 2. Jogulamba Gadwal, 3. Mulugu, 4. Nalgonda, 5. Warangal, 6. Medak, 7. Suryapet, 8. Kumuram Bheem, 9. Hanumakonda, 10. Nagarkurnool, 11. Yadadri-Bhuvanagiri, 12. Kamareddy, 13. Sangareddy, 14. Vikarabad, 15. Bhadradi Kothagudem, 16. Mahabubabad, 17. Medchal-Malkajgiri, 18. Adilabad, 19. Rajanna Sircilla, 20. Siddipet, 21. Jayashankar, 22. Peddapalli, 23. Mancherial, 24. Hyderabad. 25. Wanaparthy

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

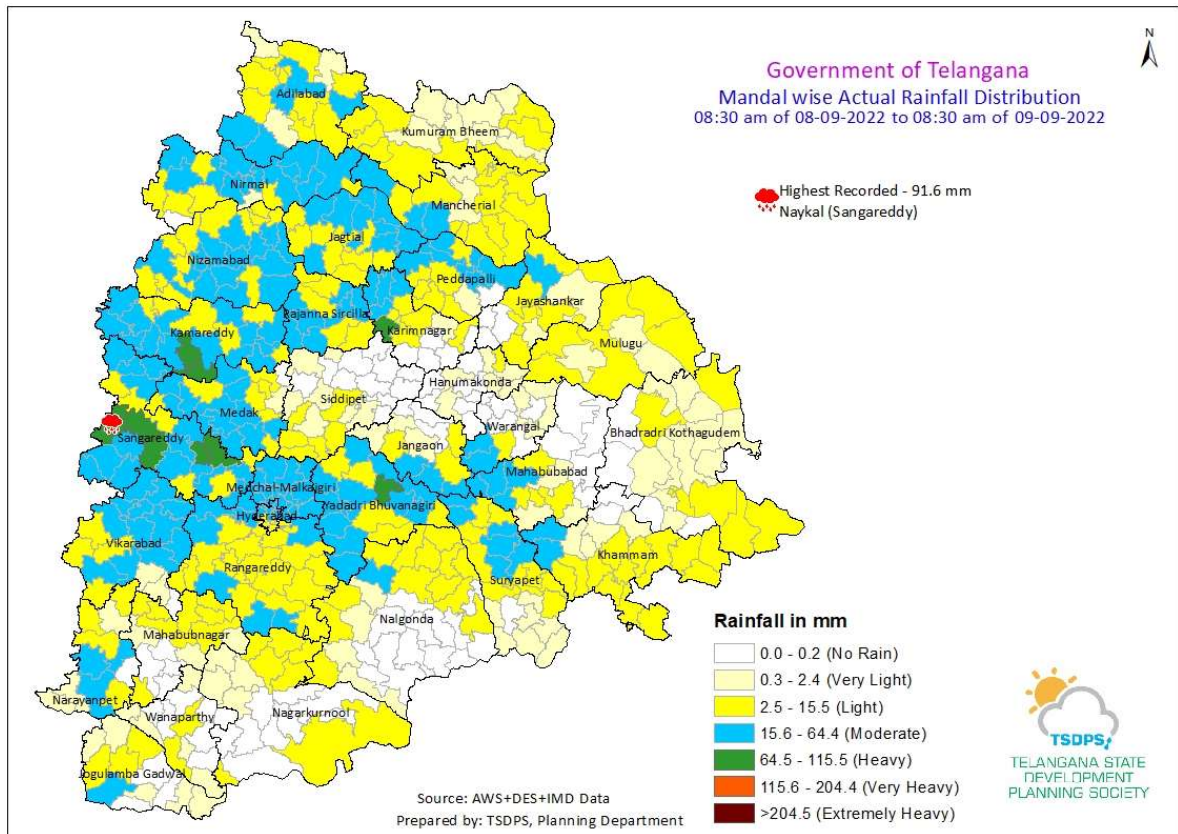
1. Khammam.



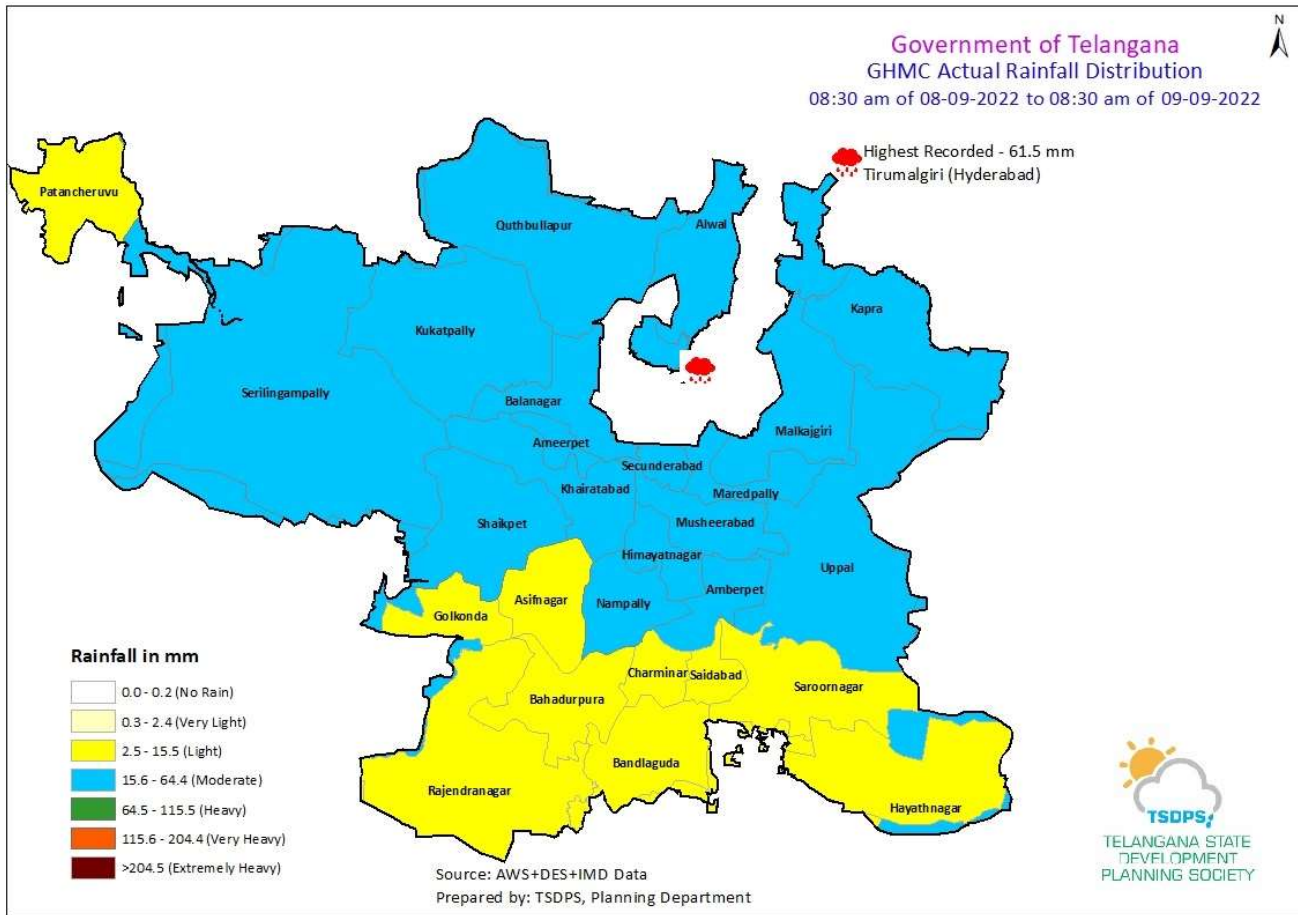
## Mandal wise Cumulative Rainfall Status from 1<sup>st</sup> June to 9<sup>th</sup> September, 2022



## State Rainfall recorded in last 24hours:



## GHMC Rainfall recorded in last 24hours:



### **TSDPS weather forecast update for next 3 days (From 09<sup>th</sup> to 12<sup>th</sup> 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:** The Low Pressure Area now lies over Westcentral & adjoining Northwest Bay of Bengal off north Andhra Pradesh-south Odisha coasts with the associated cyclonic circulation extending upto mid-tropospheric level. It is expected to become more marked over Northwest & adjoining Westcentral Bay of Bengal off south Odisha-north Andhra Pradesh coasts during next 36 hours.

- A trough now runs from south Konkan to the above Low Pressure Area across North Interior Karnataka & south Telangana extends upto 1.5 km above mean sea Level.

### **State:**

**Rainfall Forecast: Day-1 & 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 29° to 32°C, while the Minimum temperatures to be in the range of 21° to 24°C.

### **GHMC area:**

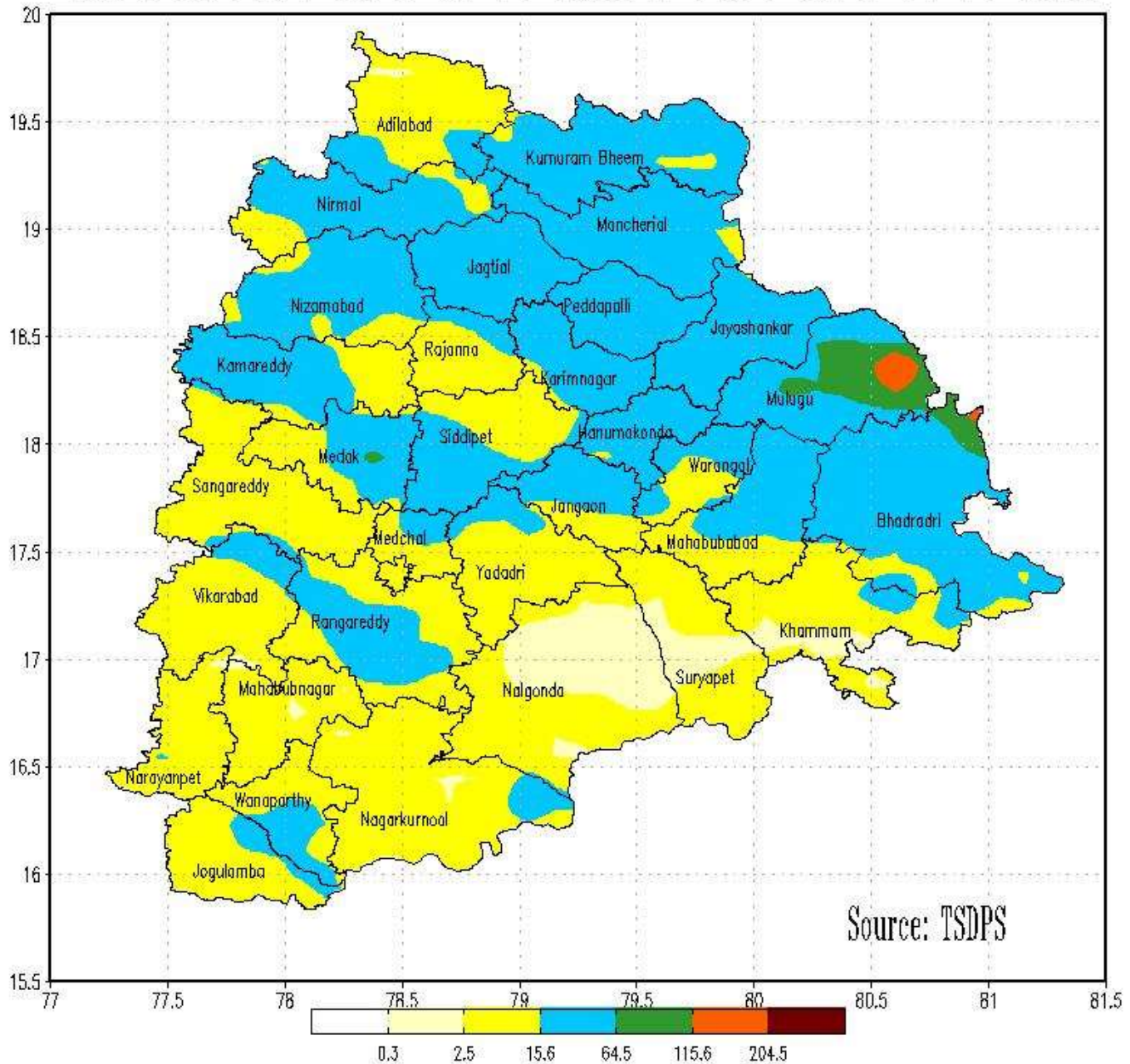
**Rainfall Forecast: Day-1 & Day-2:** Light to moderate Rain/Thundershowers are expected at MANY places.

**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 30°C, while the Minimum temperatures to be in the range of 22° to 23°C.

## Rainfall Forecast for next 24hours:

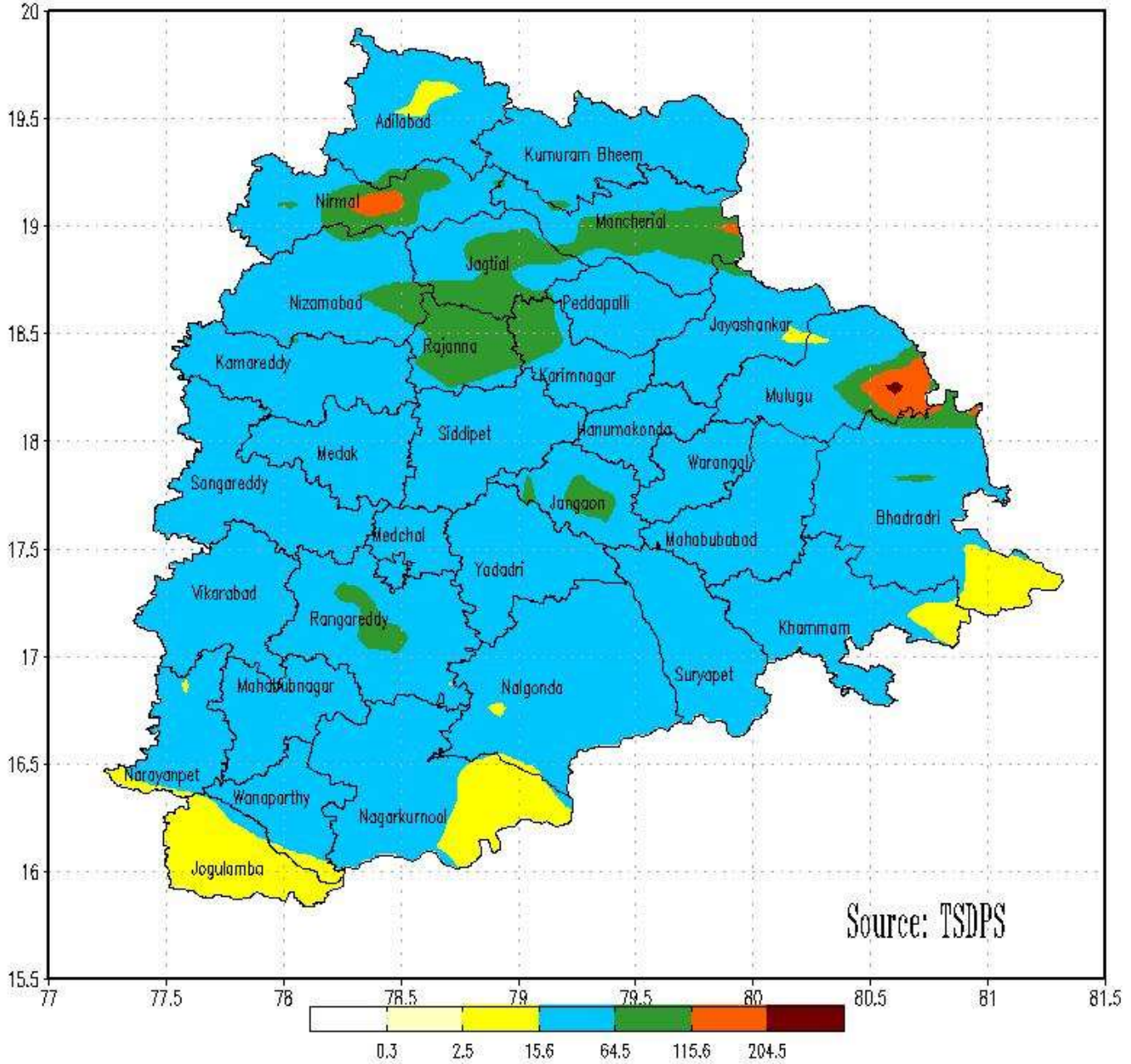
WRF(12km) RAINFALL (mm) FORECAST for 24hr  
Valid from 08:30 am of 09-09-2022 to 08:30 am of 10-09-2022



**Based on Weather model run: Day-1: Forecast valid from 08:30 a.m. of 09-09-2022 to 08:30 a.m. of 10-09-2022:** Moderate to Heavy rain expected at a few places over Mulugu and Bhadrachalam districts, Light to Moderate rain is expected all over the state.

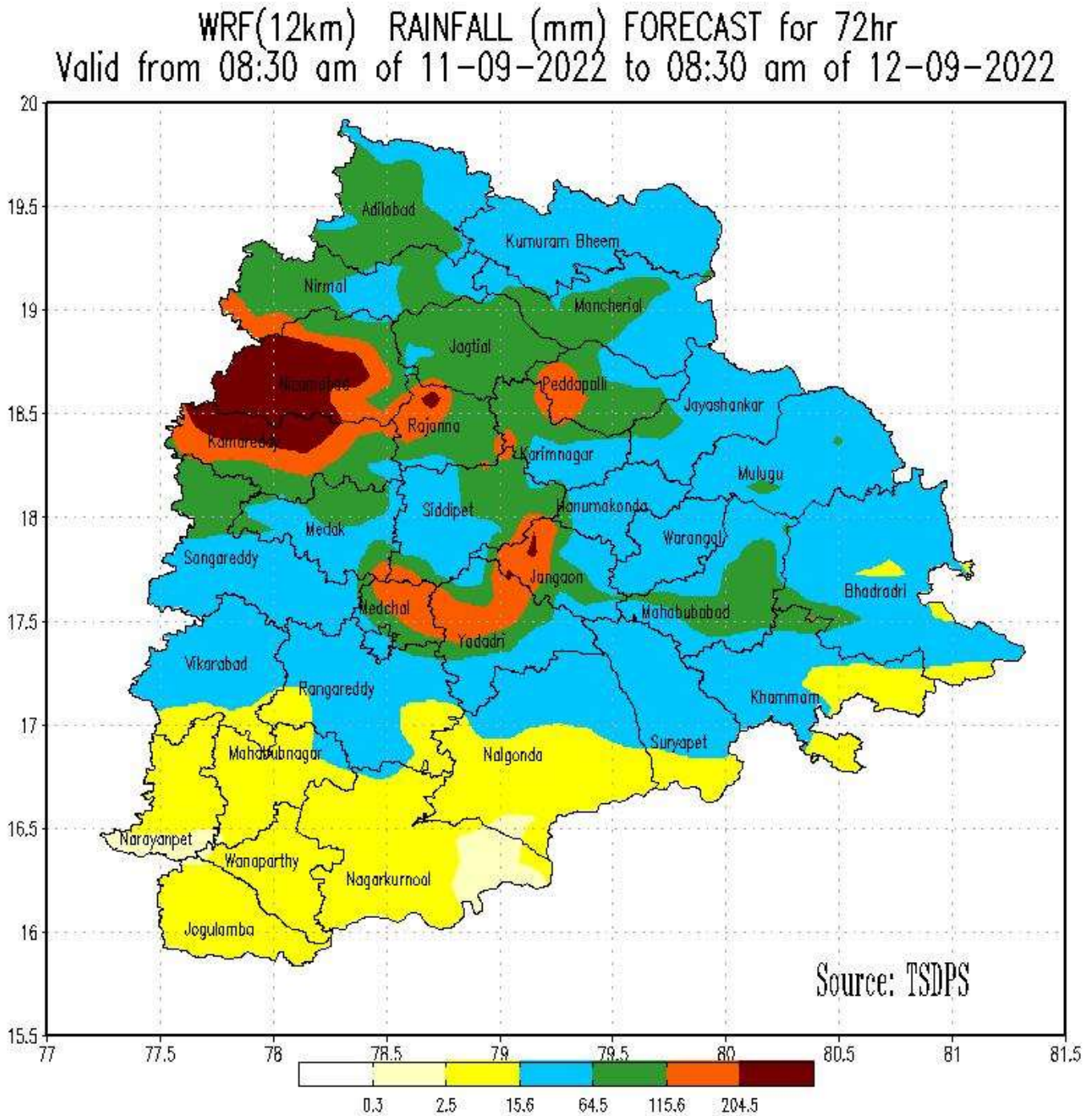
**Rainfall Forecast for next 48hours:**

WRF(12km) RAINFALL (mm) FORECAST for 48hr  
Valid from 08:30 am of 10-09-2022 to 08:30 am of 11-09-2022



**Based on Weather model run: Day-2: 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 isolated places over Nirmal, Mancherial and Mulugu district, Heavy to Very Heavy rain expected at a few places over Jagtial, Rajanna and Ranga Reddy districts, Moderate to Heavy rain expected at a few places all over the state Light to Moderate rain expected all over the state.

## Rainfall Forecast for next 72hours:



**Based on Weather model run: Day-3: Forecast valid from 08:30 a.m. of 11-09-2022 to 08:30 a.m. of 12-09-2022:** Very Heavy to Extremely Heavy rain expected at a isolated places over Nizamabad, Kamareddy, Rajanna, and Jangaon districts, Heavy to Very Heavy rain expected at a few places over Peddapalli, Medchal-Malkajgiri, Yadadri Bhuvanagiri, Jangaon and Karimnagar districts, Moderate to Heavy rain expected at a few places over Adilabad, Nirmal, Jagtial, Mancherial, Medak, Sangareddy, Siddipet, Kamareddy, Rajanna Sircilla, Medchal-Malkajgiri, Yadadri Bhuvanagiri, Jangaon and Mahabubabad districts, Light to Moderate rain expected all over the state.