



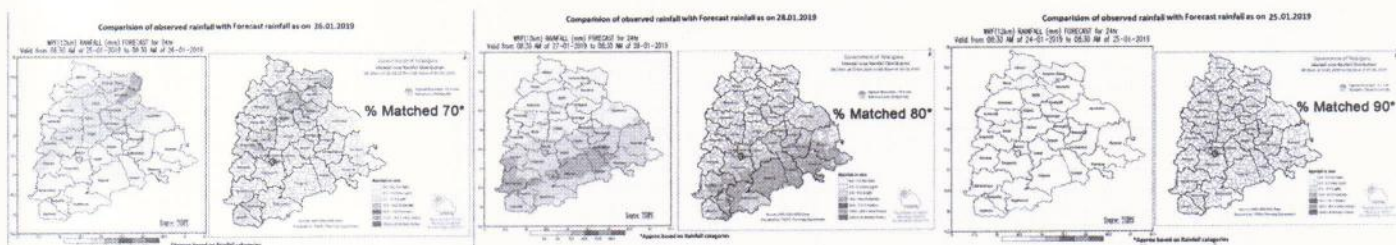
BRIEF NOTE ON DEPARTMENTAL ACTIVITIES

Telangana State Development Planning Society(TSDPS) is established during 2014 after bifurcation from APSDPS. The salient features of TSDPS activities are as follows.

1. Maintenance of Weather Stations: The Total 924 Automatic Weather Stations(AWSs) are being maintained by the Society to get the Real-time Weather Data on Rainfall, Temperature, Humidity, Wind-Speed and Wind-Direction. The same is provided to all Govt. Departments like Agriculture, Irrigation, Revenue etc., including District Collectors through email for necessary actions at their level. TSDPS also disseminating the Weather Data to all the users/public through Official Website(www.tsdps.telanagana.gov.in), Mobile App(TS-Weather) and LED Display Boards.

The Weather Data will be utilised by the Insurance Companies in settlement of claims under the PMFBY. **Hyderabad Traffic Police** is also utilizing this Data to issue Weather Alerts.

2. Weather Forecast: Regularly, Weather Forecast for 72 hours (i.e. for 3 days) have been prepared by running Weather Research Forecast (WRF) Model based on 3 to 12 KM resolution in collaboration with IMD, New Delhi. The same is disseminating to all the above users. The authenticity of the forecast is 70 to 80%. TSDPS also providing 7 days forecast for the benefit of farmers during monsoon season.



% Matched 70

% Matched 80

% Matched 90

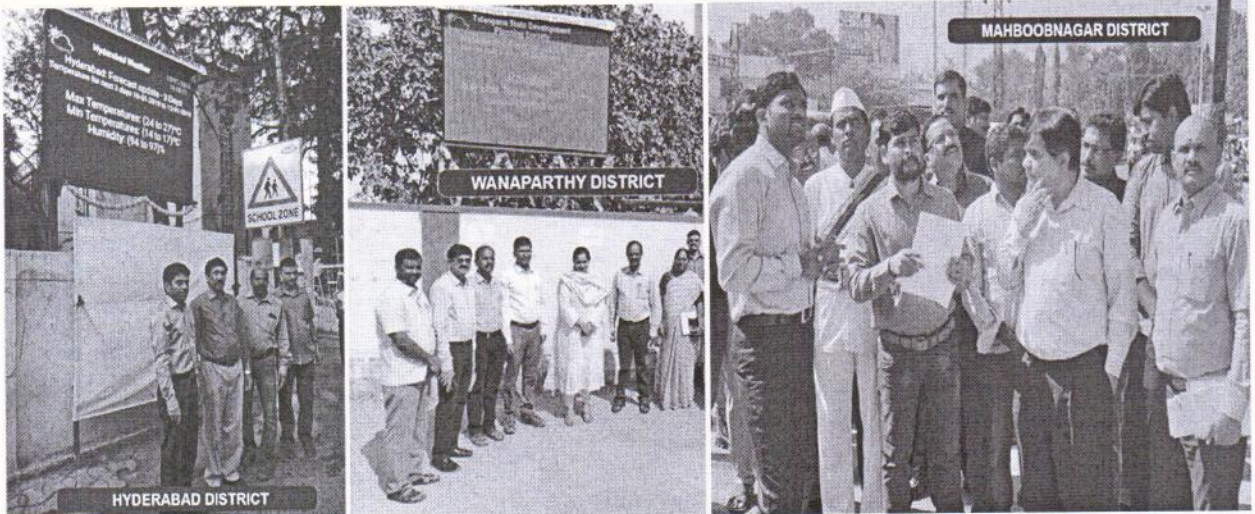
3. TS Weather Mobile App :



This app will provide the instant Weather information of any part of the State and facilitates to use from the current location to know Real-time Temperature, Rainfall(mm), Humidity, Wind-Speed and Wind-Direction.

4. Periodic workshops on Extreme Weather Events : Keeping in view of the affect of the Heat Waves in the State and to reduce the casualties, The Heat Wave Action Plans are being prepared by organising workshops regularly every year during the month of March. In which TSDPS is involving District Collectors and their teams along with State level officials. Indian Metrological Society(IMS) and UNICEF also associating with TSDPS in this event. In addition to this TSDPS has released **posters** on Extreme Weather Events like Thunderbolts, and produced a **Short film** on precautionary measures against Heat Waves for public awareness in the State.

5. LED Weather Display Boards: The LED DISPLAY BOARD is to display the Real-time Weather Data for the public convenience & official purpose and also to take precautionary measures for Disaster Management by representing colour codes in the event of Extreme Weather conditions. For vital purpose, the TSDPS installed LED Boards in all 31 districts in the premises of Collectorates, which were inaugurated by the District Collectors during December - 2018.



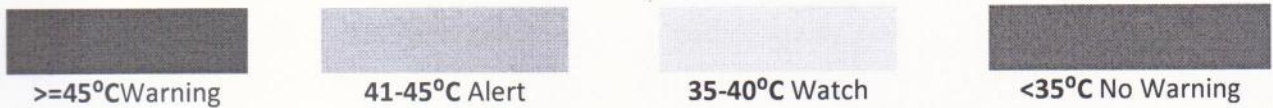
In GHMC area total 10 Boards are proposed, out of which 7 LED Boards are already installed in the following places.

1. Ganaanka Bhavan, Khairtabad.
2. Zonal Office Charminar, Sardar Mahal.
3. Hyderabad Central University.
4. Telangana Secretariat
5. Zonal Office Kukatpally, Moosapet.
6. Municipal Office complex, LB Nagar
7. GHMC Commissioner Office.

Three other Proposed places: 1. MGBS 2. JBS 3. Secunderabad Railway Station
Proposals also received from Dr.MCRHRDI, Commissioner of Agriculture and Forest Department, for installation of LED Boards at their cost. Further TSDPS is also with a proposed to install the same at Metro stations on the above terms.

6. Information for Disater Management : To combat the Extreme Weather Events the Weather Data is disseminating with the following colour codes.

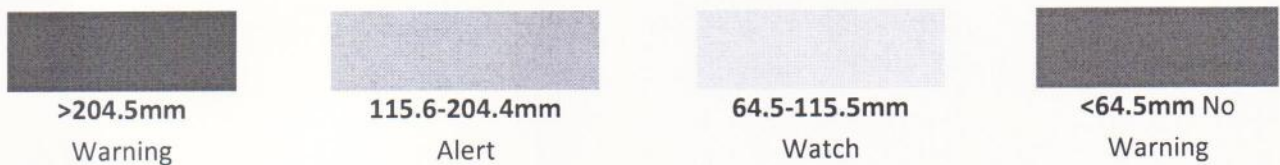
Maximum Temperature



Minimum Temperature



Rainfall



7. Studies on Climate Change: TSDPS is with a proposal to conduct **Climate Change Studies for Telangana State** in association with Prof. P.P.Mujumdar, IISC, Bangalore by associating with various agencies like IIT-Hyderabad, BITS-Hyderabad, JNTU, GHMC, IMD, Agriculture Department etc., to measure up-to-date Weather Trends and future likely scenario of Climate Change over Telangana State with specific reference to district level changes. Object of the study is for guidance in future planning with main focus on Agriculture, Water availability and to know the Climate Change impacts on Rainfall patterns, Hydrology/Water resources, Temperature etc.

8. Urban Flooding: TSDPS initiated to prepare **Urban Flooding Model** exclusively for Hyderabad city. The TSDPS is playing a facilitator role in preparation of the model, which is useful to take necessary measures in the event of Extreme Weather conditions and for future planning. A workshop has been already organised in the month of June, 2018 under the chairmanship of Principal Secretary Planning and

member Secretary with the guidance of Prof. Kapil Gupta, IIT, Mumbai. In which higher officials of GHMC also participated. As a result of this workshop TSDPS undertaken the installation process of 120 AWSs in GHMC area in addition to existing 34 AWSs to cover the 2*2 KM density to know the spatial or temporal variation of rainfall in real-time. The total 154 AWSs network helps to devise the effective Flood Model for Hyderabad.

9. Monitoring of SDG Goals: TSDPS in co-ordination with planning department and Dr.MCRHRDI is working towards fulfillment of SDG Goals.

TSDPS is the nodal agency in Telangana for developing a State Indicator Framework for Sustainable Development Goals. Soon after finalization of State Indicator Framework, TSDPS will start monitoring of SDG targets based on these indicators.

10. Monitoring & Evaluation: Impact on assessment a studies hold on important role in guiding the planners and different stake holders in implementing the community development programmes in a systematic way. In Telangana, in absence of a nodal agency for evaluation of government programmes, TSDPS has taken a lead role to undertake evaluation of such programmes.

As of now following programmes have been evaluated.

1. Kalyan Laksmi/ Shadi Mubarak
2. Evaluation of Public Distribution System(PDS)
3. Telangana State Industrial Project Approval and Self-Certification System (TS-iPASS) and
4. A study on Impact Assessment of Crop Loan Waiver in Telangana
5. A Study on Skill Gap Assessment in MSME Sector in Telangana and one research study and
6. Research study on Labour Reforms.

It is proposed to undertake the final evaluation of 47 integrated Watershed Management Projects, of first batch of **Department of Rural Development**.

11. Regular Calibration: TSDPS has the field level monitoring network at district level for effective monitoring of total 924 AWSs. The Co-ordinating Officers for erstwhile districts with the assistance of Field Technicians will perform regular calibration of AWS stations at the field. The Senior Officers from the State level will also supervise the process.