



Hydenmet Solutions

EARTH NETWORKS

In partnership with Earth Networks (EN)



Presents CLASS

For K-12 Schools across India

CLASS expanding to Climate Learning and Student Safety is an Environmental STEM program for Schools that combines technology with learning. Components of the CLASS Program are:

- An automated weather station installed in your school that captures weather data every minute
- SFERIC Maps – A Weather Visualization and alerting tool from Earth Networks
- Climate Teaching / Learning resources from GLOBE, an initiative of NASA

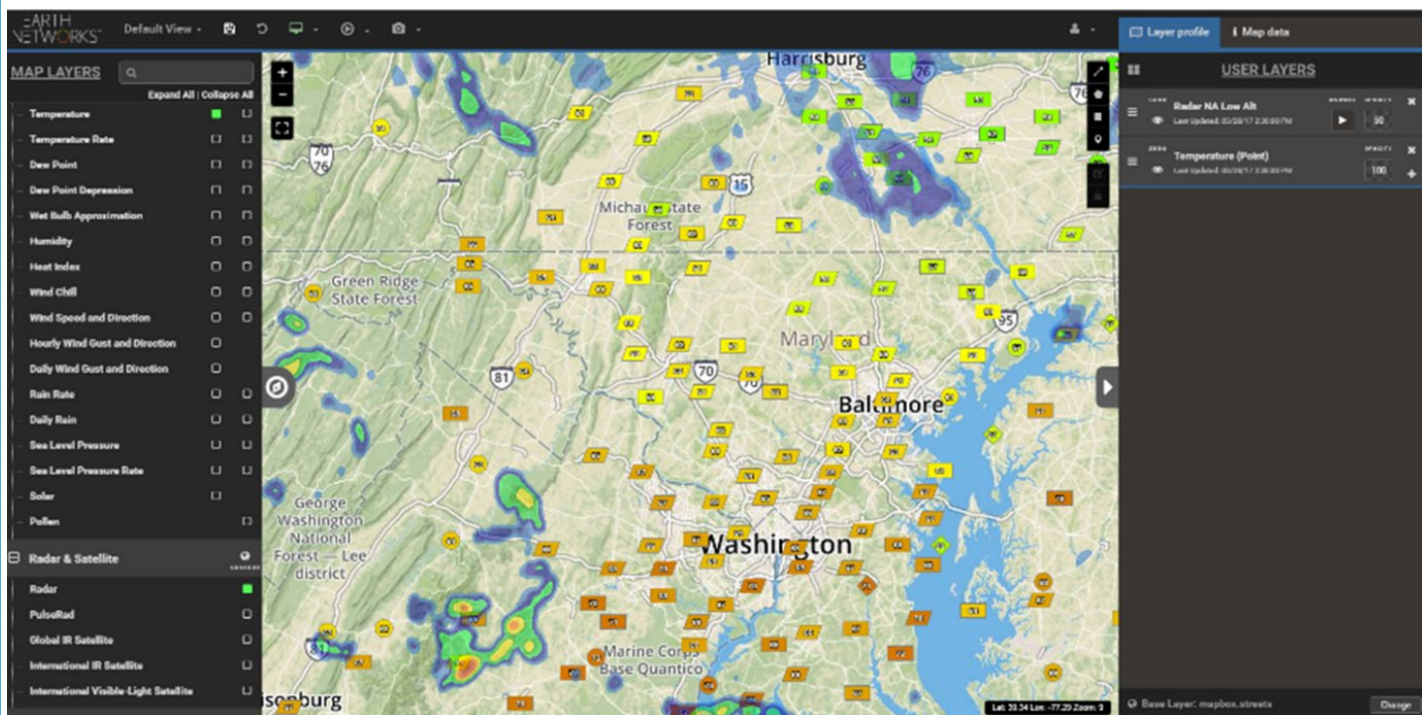


The Automatic Weather Station installed in the school, increases the hyperlocal accuracy of the weather forecasts given to the school. It measures over 32 weather parameters every minute, covering the following and more:

- Temperature, heat index and wind chill
- Humidity, wet-bulb temperature, Dew Point
- Wind speed, wind direction, Wind gust
- Rainfall, cloud cover, Precipitation Pressure, Radiation

Upon installation of the weather station, the school will be provided with an account with Weatherlink, which can be accessed from a browser as well as through the weatherlink mobile application for viewing current weather observations as well as forecast of various weather parameters. The forecasts are for the specific location of the school and hence very accurate.





SFERIC Maps (see picture above) provides an interactive weather visualization platform for students. SFERIC Maps also acts as a severe weather alerting platform for schools to help them manage outdoor events taking into consideration upcoming severe weather conditions, including lightning & dangerous thunderstorms, heavy rainfall, heat index, wind chill and humidity, among others



GLOBE, expanding to Global Learning and Observations to Benefit the Environment is an initiative of NASA providing rich environmental learning content covering Atmosphere, Hydrosphere, Biosphere and Pedosphere – provides preparatory modules for Science & Geography Teachers, which we are offering through www.hydenmet.academy. It also provides presentations, classroom activities and experiments for students, which we have mapped to specific science & geography topics in NCERT for easy use. In partnership with RUR Greenlife, a unique online training program for students called “Green Awareness and Action program” (GAAP) will be provided through www.hydenmet.academy



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