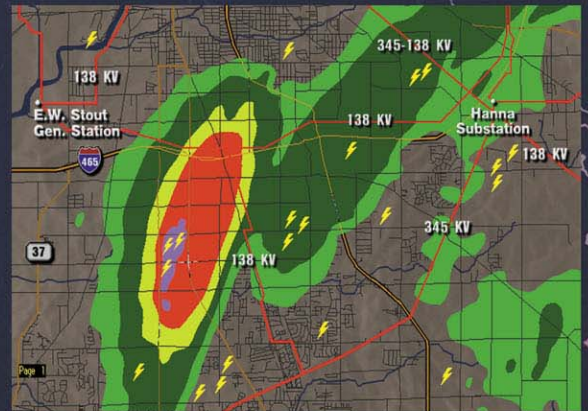


CAN YOU AFFORD WEATHER DATA THAT MAY BE HOURS OLD?

Your substations, lines, and personnel are affected by weather. You base your operational strategy on it, paying monthly fees for weather data that is sometimes hours old. The cost of being unprepared for a severe weather event can seriously influence the bottom line. Where can you find a source for LIVE severe weather information without monthly service fees? Advanced Designs Corporation. Our DOPRAD® weather radars can provide you with a variety of severe weather information, all of it in true real-time, and at a cost which can pay for itself in operational savings, not to mention public relations benefits.



25 Nautical Mile range map showing Storm Path Analyzer with lightning.



Street-Level Maps show a detailed view of an area with power lines and substations, combining true real-time radar, turbulence detection and real-time lightning. 3 Nautical Mile map shown.

Advanced Designs Corporation's DOPRAD® LIVE Doppler weather radar systems feature:

- **Storm Path Analyzer:** Track the path of the storm, including arrival times to critical locations.
- **Street-Level Mapping:** Display your grid and substations on these maps for zoom-in of LIVE severe weather.
- **Lightning Interface:** Display real-time lightning strikes
- **Mean Radial Velocity (optional):** "See the wind". Detects wind speed and direction.
- **Turbulence Detection (standard):** Displayed in a single color to indicate areas of potentially damaging winds.
- **Composite LIVE radar:** Extends your radar coverage by showing multiple radar sweeps on the same map. Especially useful for extremely large coverage areas.

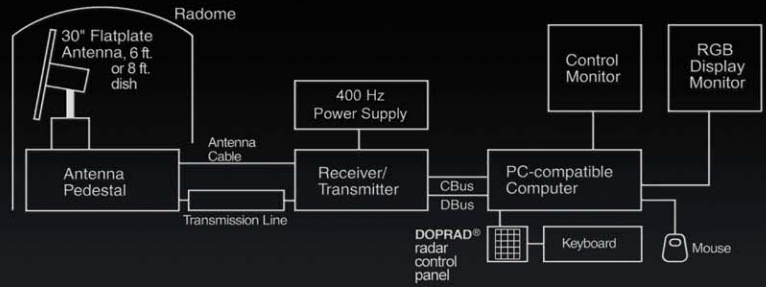


adc
advanced
designs
corporation

When lives and assets are at stake during severe weather, count on ADC



DOPRAD® 30" System Diagram



WHEN THE TIMING OF SEVERE WEATHER IS CRITICAL...

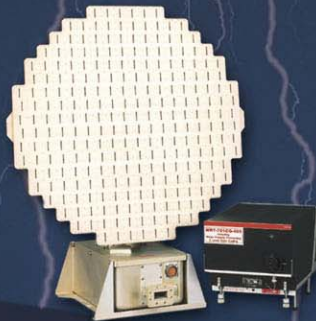
Indianapolis Power and Light has used our 30" phased array flatplate Doppler weather radar system for over 8 years. Charles Bailey, Superintendent of Lines Service said, "The unit has paid for itself over a 5-year period. Not only are we able to detect where storms will arrive, but more importantly we are able to detect where they WILL NOT arrive, saving our operations a substantial amount in Line Crews' overtime alone. The system is simple enough that basically anyone can use it. No meteorologists are assigned to our operating area...our radar has been VERY useful to us."

Advantages of owning your own DOPRAD® LIVE Doppler weather radar system include:

- **Reliability:** The operational availability of ADC's DOPRAD® radars is approximately 99%.
- **Maintenance/Cost:** ADC's low-cost DOPRAD® LIVE Doppler weather radar systems are light-weight and low power, using a 100% solid state receiver/transmitter. Expensive spare parts or test equipment are not needed. It also minimizes radiation hazards and interference potential. Loaner units are available.
- **Data:** YOUR radar provides YOUR data. There are no monthly license fees involved! You can provide feeds to the community, Emergency Management Services, and your website with no recurring fees!
- **Operation:** ADC's DOPRAD® systems are easy to install and operate, and our display is easy to read.



Pedestal with a 6' dish. Radar systems are available in 30" phased array flat plate, 6' and 8' parabolic dishes.



30" Phased Array, Pedestal, Mounting Bracket, and Receiver/Transmitter

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