

ENVIRONMENTAL MONITORING: Wind, Weather, & Landslides



MeteorComm 545C Packet Data Radios, when installed at sites of environmental interest, forward real-time data to back-office applications for monitoring and alerting.

Wind Monitoring Stations can warn dispatchers when wind gust velocity and direction poses a threat to the safe passage of trains.

Freezing Temperatures are monitored by weather stations, as well as excessive rain and other hazardous conditions.

Landslide Site Monitoring warns of a slide or conditions that may lead to slope instability.

MeteorComm™ 545C Packet Data Radio interfaces with many standard dataloggers to allow pre-processing of data and to retain a detailed site log of all data. The radio also supports over-the-air replay of logged data.

Features:

- Environmental conditions reported as often as once a minute
- Monitoring of up to 256 parameters
- Operates with many standard dataloggers
- Supports over-the-air reconfiguration

Benefits:

- Prevents derailments by early detection of hazardous conditions
- Two-way communications allows remote site configuration
- Built in health monitoring allows potential problems to be resolved before failure occurs

SOLAR POWERED SWITCH MONITORS Covering Dark Territory

Low power usage permits use of solar power where commercial power is not available

Safety overlay to report status of dark territory equipment to dispatch, providing correct switch state to dispatcher

22614 66th Avenue South
Kent, Washington 98032 • USA
tel: 253-872-2521
www.meteorcomm.com

