



▶ WEATHER MONITORING SYSTEMS



▶ SITE SPECIFIC FORECASTS



▶ WEB SOLUTIONS

Weather *focus*

ADDRESSING WEATHER RISKS AND PROVIDING PRODUCT SOLUTIONS

WHO WE ARE

Western Weather Group is a privately held meteorological company located in Chico, CA. We are comprised of a team of professional meteorologists, physical scientists and support staff, many of whom have been working together for over 20 years in the field of meteorology.

WHAT WE DO

Our meteorologists provide clients with timely, site-specific weather information and forecasts. Unique to Western Weather Group is the ability to integrate remote automated weather station systems and weather forecasting into a comprehensive product for a variety of industries.



WEATHER MONITORING SYSTEMS

Every Western Weather Group industrial weather station system is built around a Campbell Scientific datalogger. Each system is built to the specifications of the customer in terms of sensors, communications and programming. Contact us for additional information on building a system with your specifications.

AGRICULTURAL APPLICATIONS

- Soil Moisture Monitoring
- Reservoir & Canal Levels
- Pests and Disease Control
- Chilling Hours & Bee Hours
- Irrigation Scheduling
- Degree-Days
- Crop Yield
- Frost Alarms

SITE SPECIFIC FORECASTS

- Temperatures, humidity precipitation & wind
- Fruit frost, pest & disease control
- Reference evapotranspiration (ET_o)
- Grape powdery mildew
- Mountain recreation
- Smoke dispersion
- Storm water runoff

DATE	WEATHER	MAX MIN	DATE P%	WIND	AMOUNT	WINDS
TODAY	Sunny	82-69	15-25	0%	none	N to W 5-15
TONIGHT	Clear	80-65	35-40	0%	none	N to W 5-15
FRIDAY	Sunny	83-68	35-35	0%	none	N to W 5-15

Western Weather Group provides site specific forecasts based upon specified application parameters for a variety of businesses. Forecasting services can be tailored for single companies as well as associations and co-operatives where forecasts are distributed to their members. A forecast can be delivered via fax, email, web, telephone voice recorder, delivered to a web enabled handheld device or one-on-one with an experienced meteorologist.

INDUSTRIAL APPLICATIONS

- Chemical Applications
- Downtime on Job Sites
- Design Criteria Studies
- Monitoring Winds for Odor Drift
- Manpower Scheduling
- Wind Energy
- Atmospheric Dispersion
- EPA Regulatory Requirements

SPECIALIZED FORECAST PRODUCTS & SERVICES



WEB SOLUTIONS

Sharing weather information across the world-wide web can be done easily and cost effectively by utilizing the Western Weather Group Web Solutions. A secure, password protected web page can contain your proprietary data that has been collected and processed directly from your weather station and displayed on a tailor-made web page. It can be shared among employees within one office or shared with corporate offices worldwide. To view a Web Solutions web page, please contact us.

- Proprietary weather data web page
- Site specific forecasts
- ETo forecast & summary
- Password protected
- Weather data & forecast archive
- Accessible via web
- Regional climate summaries
- Chilling units accumulations

WEATHER AND CLIMATE STUDIES

- Historical weather conditions for a specific time and location
- Weather reports for use in litigation
- Past weather data for insurance claims

Western Weather Group can furnish a detailed climate study for any weather parameter which can include wind, precipitation, temperature and visibility. Our on staff American Meteorological Society Certified Consulting Meteorologist can provide reconstruction of weather-climate conditions for civil/criminal litigation, expert court testimony, site investigations, or risk management support for insurance industry.

CONTROL AND WARNING SYSTEMS

The Campbell Scientific dataloggers can provide the ruggedness and programming flexibility for a variety of applications within multiple industries and is therefore used exclusively by Western Weather Group. The dataloggers provide remote automation with the necessary tools to perform control and warning functions. Electrical devices can be controlled both manually and automatically via the datalogger and its communication device by time or



measurements. Voice and text messages can automatically be sent to the user when threshold values are exceeded.

- Open flood gates
- Turn fans off/on
- Frost alarm
- Control irrigation pumps
- Set off visual or audible alarms
- Remote alarm capabilities