

e-Journal AWWA

Volume 96, Number 6
June 2004

California Utility Uses WeatherTRAK® Irrigation System to Cut Water Use



The WeatherTRAK® evapotranspiration controller by HydroPoint continuously and automatically adjusts irrigation as it receives weather data from local weather stations daily.

WeatherTRAK Everywhere Data Service transmits local location-specific weather data to customers' ET controllers every day. In addition, HydroPoint's customer service organization actively works with its customers to ensure they are receiving optimal performance from their WeatherTRAK solutions.

Installation of the WeatherTRAK systems will be in place this year for the region's dry summer season. In the wetter fall and winter seasons, when many of the community's vacation homeowners have left the area, the WeatherTRAK ET controllers will automatically reduce and then finally stop irrigating landscapes.

"Four years in a row of below-average precipitation levels have compounded Lake Arrowhead's water supply challenges," said Marc Lippert, LACSD's water conservation coordinator. "Recognizing that we needed an irrigation solution that had proven its effectiveness in reducing water usage, we chose WeatherTRAK." For more information on WeatherTRAK and HydroPoint Data Systems Inc., visit the company's website at <http://www.hydropoint.com>.

A California utility has received funding from the US Bureau of Reclamation for its program to save water by distributing a type of irrigation management equipment to homeowners that continuously receives weather data. The **Lake Arrowhead Community Services District (LACSD)** is a utility that provides water and wastewater services to the residents of Lake Arrowhead, Calif., a resort community located in the San Bernardino National Forest northeast of Los Angeles. Because many of the area's residences are second homes, they are occupied for only a portion of each year. In an effort to reduce landscape water consumption, LACSD is installing 80 WeatherTRAK® controllers that use the WeatherTRAK ET Everywhere Data Service™ from **HydroPoint Data Systems Inc.** In studies conducted during the past five years in the western United States, these HydroPoint products have reduced outdoor water usage by as much as 58%.

HydroPoint's WeatherTRAK solution gives customers a simple way to irrigate intelligently and thus eliminate the wasteful practice of landscape overwatering. First, the WeatherTRAK evapotranspiration (ET) controller creates a custom irrigation schedule for each landscape based on plant type, soil type, sun exposure, and slope. Next, the controller continuously and automatically adjusts irrigation as it receives weather data from local weather stations. The