

# NWS CENTRAL AMERICAN FLOOD FORECASTING PROJECT



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## U.S. NATIONAL WEATHER SERVICE CENTRAL AMERICA FLOOD FORECASTING & RECONSTRUCTION PROJECT IN NICARAGUA & EL SALVADOR

Sutron Corporation entered into a key strategic alliance with Computer Science Corporation. The team's first task was to develop a Project Implementation Plan for the U.S. National Weather Service's Central America Reconstruction Project in Nicaragua and El Salvador.

The Project was initiated in response to 1998 destruction caused by the devastating Hurricane Mitch. This multi-million dollar National Weather Service project, funded by USAID, was completed in 2001.

Sutron Corporation supplied all of the meteorological and hydrological remote station equipment, including communications components to send data in real-time by GOES Satellite and radio. Sutron's Digital Direct Readout Ground Station, the most direct, reliable method available for obtaining real-time GOES data, is the center of data reception from satellites. Sutron's Line of Sight (LOS) Radio Base Stations transmit data via radio.



Owner:	U. S. National Weather Service
Purpose:	NWS Central American Flood Forecasting & Reconstruction Project in Nicaragua & El Salvador
Contact:	Robert Jubach, NWS
Phone:	301-713-0645
Equipment:	Data Collection Platforms, Automatic Weather Stations, LOS Radio and Satellite Telemetry
Value:	\$1.8 million
Completed:	2001 with on-going support

