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EM NEWS FLASH



Radiation Levels in Real Time? There's an App for That!

Gamma radiation levels in the southern Nevada area will soon be accessible around the world at the touch of a finger. Makers of the cell phone application [EcoData: Radiation](#) are expanding their global network of radiation monitoring stations to include up-to-date readings from the Community Environmental Monitoring Program (CEMP) based out of southern Nevada.

Community Environmental Monitors

The DRI employs 46 community residents to monitor the CEMP station equipment, regularly collect air filters for analysis by an independent laboratory, and serve as points-of-contact within their communities. These *Community Environmental Monitors* are made up of private citizens, many of them teachers, from areas that host CEMP stations.



CEMP station - Pahrump, NV

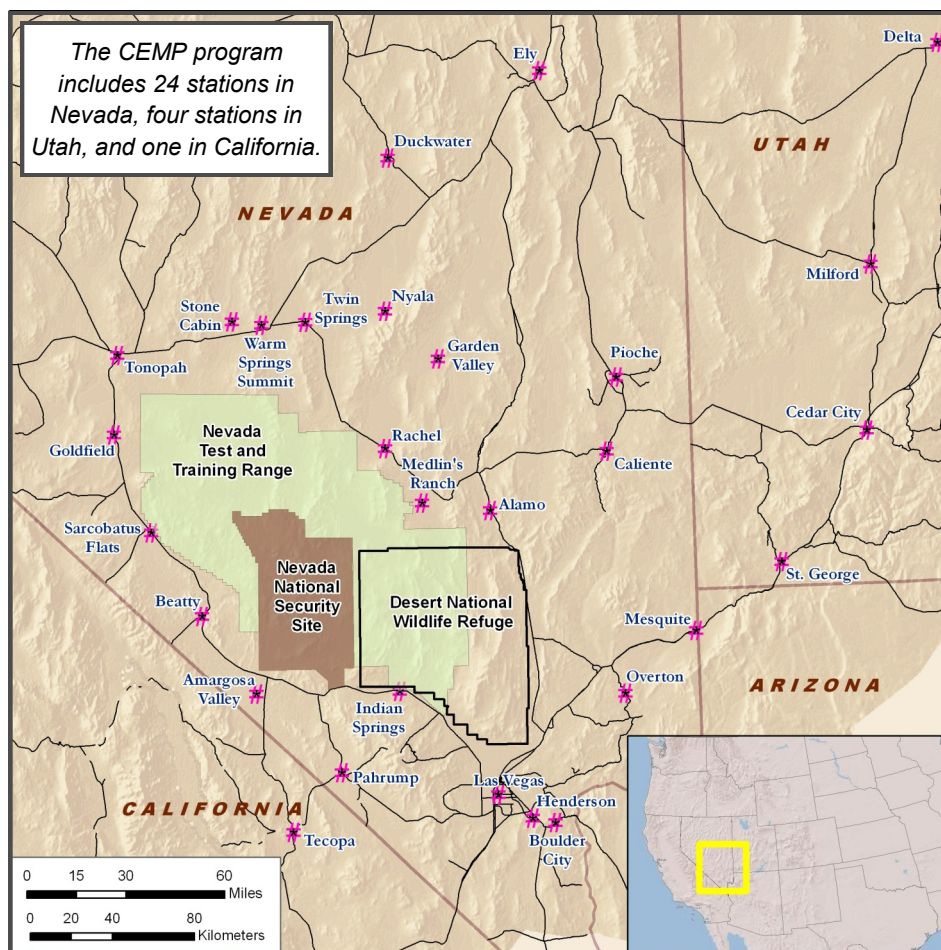
The CEMP was established in 1981 to monitor manmade and natural radiation levels surrounding the Nevada National Security Site, located 65 miles northwest of Las Vegas. The program, which is a joint effort between the [Desert Research Institute](#) (DRI) and the Department of Energy's National Nuclear Security Administration [Nevada Site Office](#), will provide *EcoData: Radiation* users results from 29 CEMP stations in Nevada, California, and Utah.

EcoData: Radiation (available through Apple iTunes®) currently accesses environmental radiation data and related statistics from more than 2,600 monitoring stations in 23 countries, including China, Japan, France, Germany,

Australia, Finland, and the United States. Users can get current radiation readings from these areas by selecting a location on the *EcoData* map, or from the list of regions, and then clicking on any nearby dot that represents an associated station.

While the *EcoData* app is expanding access to CEMP monitoring results, the data itself will continue to be managed and maintained by DRI. “The *EcoData* app will basically mirror the radiation information that is already on the [CEMP website](#),” explained DRI Program Manager, William Hartwell. “The CEMP website, however, offers additional sampling results such as solar radiation levels, barometric pressure, humidity, wind speed, and precipitation data.” CEMP information, Hartwell added, is refreshed once every ten minutes and, at the very least, once an hour.

EcoData is expected to launch the CEMP information by the end of November 2011.



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