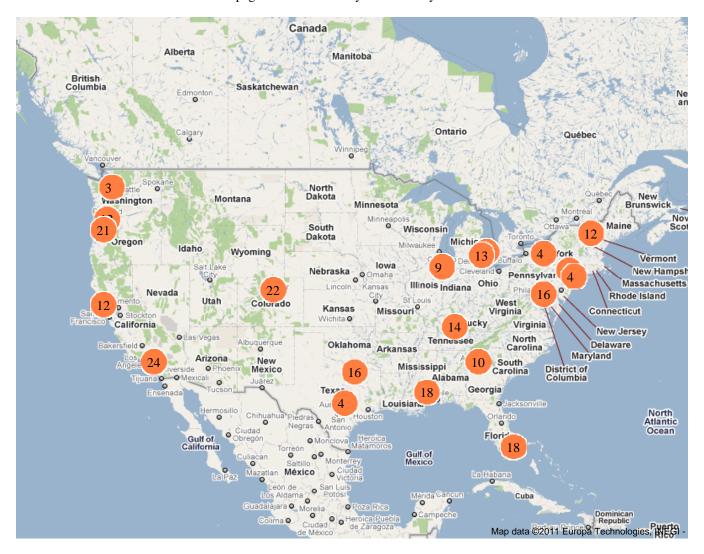# Online Ionizing Radiation Detectors

Readings are in uR/hr for Cs137/Co60
Please note that this page is under construction, and some of the readings are simulated

Today is: 2011-03-15, and the time is 02:09:44 UTC.
This page will automatically refresh every 5 minutes.

Typical background radiation levels for most of the USA are in the 5 to 18 uR/hr range. Readings can be higher for brief periods of time due to normal variations in radiation levels. They can also be consistently higher for areas at high elevations, or with larger natural deposits of uranium, thorium, radon, etc.

The readings on this page were obtained using one of the Black Cat Systems radiation detectors:

- GM-10 Alpha / Beta / Gamma detector
- GM-45 Alpha / Beta / Gamma detector with large pancake tube for higher sensitivity
- GM-50 Gamma detector
- GM-90 Alpha / Beta / Gamma detector with two large pancake tubes for even higher sensitivity

The detector is connected to an ordinary computer (Windows or Macintosh) running a copy of the Rad software and connected to the internet (dialup, cable modem, dsl, etc). Rad automatically sends the current radiation reading to the web server that hosts this site, which generates the map showing the readings for all radiation monitoring stations. Rad is included free with any of our radiation detectors.