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<http://cosmos.hwr.arizona.edu>

This website gives access to data collected by all of the Cosmic Ray Soil Moisture Observing System (COSMOS) probes. There are currently 48 probes world-wide, which estimate soil moisture from fast neutron counts. For each site, there are 3 levels of datasets. The first level shows raw neutron counts of thermal and epithermal neutrons, as well as pressure, temperature, and relative humidity at the site. The second level has quality controlled fast neutron count and a pressure, intensity, and otherwise scaled fast neutron count, along with the scaling factors. The third level shows the estimated average soil moisture over the footprint of the probe (700 m diameter) to a depth of tens of cm, depending on total water content. All of the data is collected hourly, some dating back to 2007, but some have been installed within the past few months and have limited data. The website also has links to publications from the COSMOS project as well as the project summary.