

New York State Department of Health  
Environmental Radiation Program  
Environmental Radiation Surveillance Site Readings

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## Data Dictionary

The data dictionary provides explanations for the columns listed in the dataset.

**Graph Value** = these values are graphed. Because we can't graph a value of  $< X$  or  $X \pm Y$ , we added a column of graphable values.

- 'Less than'  $< =$  graphed as 0.
- $\pm$  = not graphed. For example on the graph  $120 \pm 30$  will be graphed as 120.

**Frequency** = how often samples are collected (weekly, monthly, quarterly, and yearly).

**Isotope Name** = name of radionuclides found in a sample.

**Location Code** = first four digits are gazetteer code and the second four are location number.

**Sample date** = the day the sample was collected

**Sample Location** = site at which samples are collected.

**Sample Type** = type of environmental media collected.

**Units** = pico Curie (pCi)/(volume, mass or area) is a concentration per unit of measurement for the type of sample (see the Sample Collections and Analysis page).

- Volume, mass or area may be measured in:
  - Liter (L)
  - Square meters ( $m^2$ )/day
  - Cubic meters ( $m^3$ )
  - Kilogram (kg)
  - Gram (g)

**Value** = the amount of radionuclides found in a sample.