



### Sand Analysis, Oregon 2013

The following data is collected from sand samples taken along the Oregon Coast. The samples are analyzed for cesium-137 and iodine-131 content.

Coastal sand samples are collected and analyzed quarterly. Data is updated on the website once a month.

Sample Date	Sample Location	Cesium - 137 Activity (pCi/L)	Iodine - 131 Activity (pCi/L)
11/14/2013	Heceta Beach	<MDA*	<MDA*
11/14/2013	Harris Beach	<MDA*	<MDA*
11/14/2013	Oswald State Park	<MDA*	<MDA*
08/16/2013	Harris Beach	<MDA*	<MDA*
06/17/2013	Oswald State Park	<MDA*	<MDA*
05/15/2013	Harris Beach	<MDA*	<MDA*
05/14/2013	Heceta Beach	<MDA*	<MDA*
03/07/2013	Harris Beach	<MDA*	<MDA*
02/26/2013	Nehalem Beach	<MDA*	<MDA*
02/20/2013	Harris Beach	<MDA*	<MDA*
01/15/2015	Heceta Beach	<MDA*	<MDA*
01/14/2013	Harris Beach	<MDA*	<MDA*
01/03/2013	Oswald State Park	<MDA*	<MDA*

\*Minimum Detectable Activity (MDA): The MDA is defined as the smallest quantity of radioactivity that can be distinguished from background radiation under specified conditions.

### Units

Picocurie (pCi): A unit of measurement that tells you the rate at which a sample of radioactive material decays.

1 pCi = 0.037 Becquerel (Bq) = 2.22 radioactive decays per minute