



Sea Water Analysis, Oregon Coast 2011

The following data is collected from seawater samples taken from the Oregon coast. The samples are analyzed for Cesium 137 and Iodine 131.

Sample Date	Location	Cesium - 137	Iodine - 131
		Activity pCi/L	Activity pCi/L
08/31/2011	S. Harris Beach @ Eiler Creek	<MDA*	<MDA*
07/27/2011	S. Harris Beach State Park	<MDA*	<MDA*
07/26/2011	Haceta Beach	<MDA*	<MDA*
07/25/2011	Oswald State Park	<MDA*	<MDA*
06/22/2011	S. Harris Beach @ Eiler Creek	<MDA*	<MDA*
06/21/2011	Haceta Beach	<MDA*	<MDA*
06/20/2011	Oswald State Park	<MDA*	<MDA*
05/16/2011	Seaside	<MDA*	<MDA*
05/11/2011	Port Orford	<MDA*	<MDA*
05/10/2011	Florence	<MDA*	<MDA*
04/28/2011	Florence	<MDA*	<MDA*
04/27/2011	Port Orford	<MDA*	<MDA*
04/25/2011	Seaside	<MDA*	<MDA*

*Minimum Detectable Activity

Units

Picocurie (pCi): A unit of measurement that tells your the rate of decay of a sample of radioactive material.

Millirem (mrem): Equals 1/1000 of a rem (Roentgen equivalent man). Measures the biological effect (risk of illness) of a dose of radiation on a person