



Sea Water Analysis, Oregon Coast 2013

The following data was obtained from sea water samples that were collected from various locations along the Oregon Coast. Samples are collected quarterly and are analyzed for cesium-137 and iodine-131 content. Data is updated on the website monthly.

Sample Date	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*
01/15/2013	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