

Using Lead (Pb) in Ice Cores to Illustrate the Impact of Humans on the Environment

These data were produced by re-sampling the data sets referenced below to a common annual resolution, then averaging over four-year periods. To simplify plotting by hand, decimal points were dropped.

	Mt. Logan - Canada	ACT2 - Greenland
<i>Year</i>	<i>Pb (ng/L)</i>	<i>Pb (ng/L)</i>
1902	14	87
1906	13	103
1910	15	107
1914	18	169
1918	7	78
1922	8	48
1926	8	59
1930	8	67
1934	7	59
1938	2	61
1942	7	105
1946	7	91
1950	6	170
1954	11	146
1958	13	231
1962	19	152
1966	17	184
1970	9	263
1974	16	147
1978	28	172
1982	87	80
1986	82	54
1990	50	28
1994	43	24
1998	60	31

The overall trends of the data can be seen in the plot below. It is not necessary to make a double y-axis plot – two plots will be fine. We often