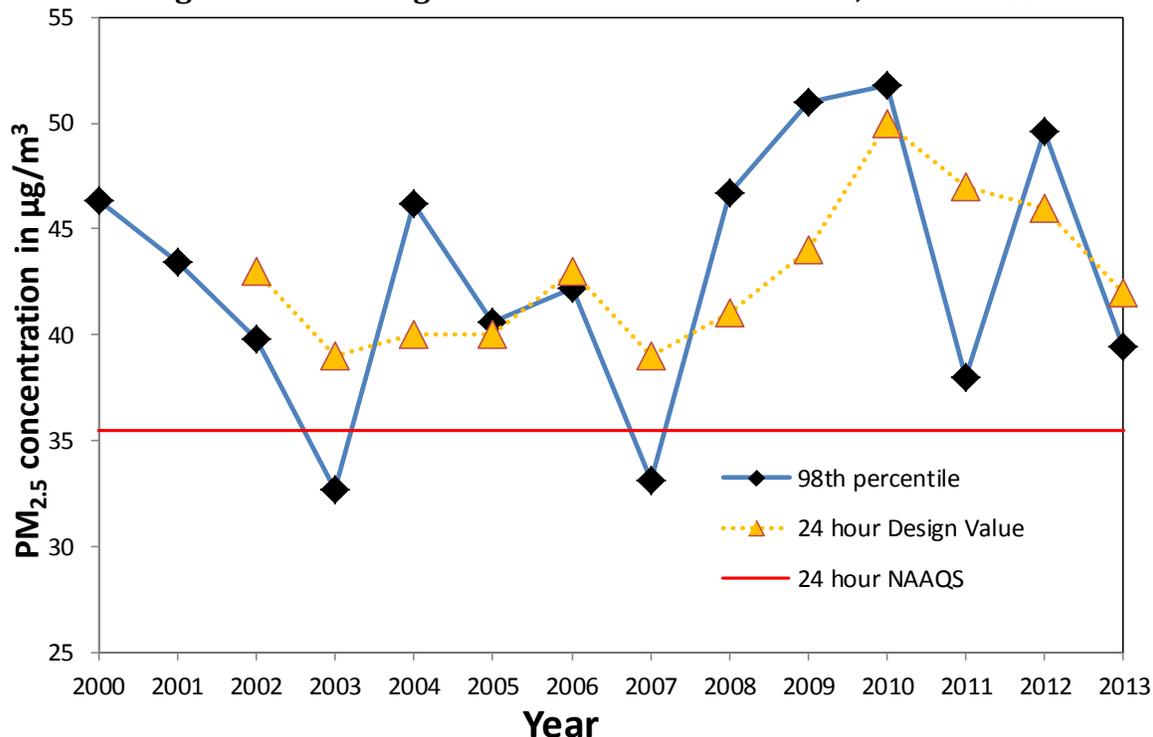


Alaska Department of Environmental Conservation

Division of Air Quality

State Office Building Historical Design Value and 98th% Percentile, 24-hr PM_{2.5} Concentrations



Glossary

NAAQS	National Ambient Air Quality Standard http://www.epa.gov/ttn/naaqs/
µg	One microgram, one-millionth of a gram
98 th percentile	The daily value out of a year of PM _{2.5} monitoring data below which 98 percent of all the daily values fall. http://www.ecfr.gov/cgi-bin/text-idx?c=ecfr&tpl=/ecfrbrowse/Title40/40cfr50_main_02.tpl
Compliance with PM _{2.5} NAAQS	24-Hour NAAQS: 98 th percentile, averaged over 3 years, must be below the standard. Annual NAAQS: Annual arithmetic mean, average over 3 years, must be below the standard.
24-hour Design Value (DV)	3-year average of the 98 th percentile values. An area is in violation of the NAAQS when the Design Value is greater than the 24-hour NAAQS for PM _{2.5} , which is currently set at 35 µg/m ³ .

		1997-2006	2006-2012	2012-present
PM _{2.5} NAAQS Values	24-hour	65 µg/m ³	35 µg/m ³	35 µg/m ³
	Annual	15 µg/m ³	15 µg/m ³	12 µg/m ³



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