

**Spokane County Air Quality: Daily PM2.5 (particles 2.5 microns in diameter and smaller) over "moderate" AQI**, reported in concentration and related AQI value, 1999 - current. Measuring PM2.5 started in 1999, shortly after the first health standard for PM2.5 was established by EPA. AQI breakpoints reflect the current PM2.5 standard of 35 micrograms/cubic meter of air (equivalent to 100 on the AQI) averaged over 24 hours, midnight to midnight, established in 2006. Prior to 1999, particle monitoring was only done for PM10- Particulate Matter 10 microns in diameter and smaller. Particulate matter (PM) has been measured by Spokane Clean Air since 1971 when the health standard was for Total Suspended Particulates (TSP). In 1987, the TPS standard was replaced with PM10.

Year	Date	24-hr avg AQI	24-hr avg concentration (micrograms per cubic meter of air)	Cause
2021	9-Sep	108	38.5	wildfire smoke
2021	14-Aug	163	78.5	wildfire smoke
2021	13-Aug	183	117.7	wildfire smoke
2021	12-Aug	163	78.9	wildfire smoke
2021	3-Aug	162	76.4	wildfire smoke
2021	2-Aug	176	104.6	wildfire smoke
2021	1-Aug	155	63.2	wildfire smoke
2021	31-Jul	146	53.6	wildfire smoke
2020	16-Sep	215	165.0	wildfire smoke
2020	15-Sep	315	264.5	wildfire smoke
2020	14-Sep	406	357.5	wildfire smoke
2020	13-Sep	479	468.6	wildfire smoke
2020	12-Sep	368	317.7	wildfire smoke
2019	7-Aug	129	46.9	wildfire smoke
2019	5-Aug	107	38	wildfire smoke
2018	24-Aug	114	40.8	wildfire smoke
2018	23-Aug	154	61.7	wildfire smoke
2018	22-Aug	134	48.8	wildfire smoke
2018	21-Aug	139	51	wildfire smoke
2018	20-Aug	200	150.3	wildfire smoke
2018	19-Aug	257	206.7	wildfire smoke
2018	16-Aug	147	54	wildfire smoke
2018	15-Aug	155	62.7	wildfire smoke
2018	14-Aug	158	69	wildfire smoke
2018	13-Aug	165	84.8	wildfire smoke
2018	10-Aug	110	39.3	wildfire smoke
2018	9-Aug	106	37.5	wildfire smoke
2018	8-Aug	131	47.5	wildfire smoke
2017	14-Sep	131	47.5	wildfire smoke
2017	8-Sep	179	110.6	wildfire smoke
2017	7-Sep	256	205.5	wildfire smoke
2017	6-Sep	245	195.4	wildfire smoke
2017	5-Sep	254	203.5	wildfire smoke
2017	4-Sep	199	148.6	wildfire smoke
2017	30-Aug	120	43.1	wildfire smoke
2017	12-Aug	109	38.8	wildfire smoke
2017	11-Aug	151	55.5	wildfire smoke
2017	10-Aug	148	54.4	wildfire smoke
2017	9-Aug	149	54.9	wildfire smoke

2017	8-Aug	116	41.4	wildfire smoke
2017	7-Aug	121	43.8	wildfire smoke
2017	6-Aug	119	42.9	wildfire smoke
2017	5-Aug	136	49.8	wildfire smoke
2017	4-Aug	154	62.0	wildfire smoke
2017	16-Jan	117	42.1	air stagnation/wood smoke
2017	14-Jan	106	37.5	air stagnation/wood smoke
2016	None	NA	NA	NA
2015	23-Nov	104	36.8	air stagnation/wood smoke
2015	22-Nov	137	50.0	air stagnation/wood smoke
2015	21-Nov	104	36.6	air stagnation/wood smoke
2015	29-Aug	123	44.6	wildfire smoke, blowing dust
2015	27-Aug	156	64.7	wildfire smoke
2015	26-Aug	156	65.3	wildfire smoke
2015	25-Aug	115	41.2	wildfire smoke
2015	24-Aug	167	86.7	wildfire smoke
2015	23-Aug	164	81.0	wildfire smoke
2015	21-Aug	171	94.2	wildfire smoke
2015	19-Aug	102	36.0	wildfire smoke
2015	18-Aug	126	45.6	wildfire smoke
2015	17-Aug	122	44.0	wildfire smoke
2015	14-Aug	113	40.3	wildfire smoke, blowing dust
2015	3-Aug	116	41.5	wildfire smoke
2015	2-Aug	131	47.5	wildfire smoke
2014	19-Nov	105	37.0	air stagnation/wood smoke
2014	18-Jul	105	37.3	wildfire smoke
2013	24-Nov	108	38.4	air stagnation/wood smoke
2013	18-Jan	104	36.6	air stagnation/wood smoke
2012	20-Sep	110	39.2	wildfire smoke
2012	15-Sep	113	40.3	wildfire smoke
2012	4-Jul	155	63.7	fireworks
2011	None	NA	NA	NA
2010	31-Dec	103	36.3	air stagnation/wood smoke
2009	11-Dec	111	39.5	air stagnation/wood smoke
2009	4-Jul	119	43.0	fireworks
2008	None	NA	NA	NA
2007	None	NA	NA	NA
2006	None	NA	NA	NA
2005	None	NA	NA	NA
2004	None	NA	NA	NA
2003	6-Nov	119	42.0	air stagnation/wood smoke
2003	5-Nov	103	41.8	air stagnation/wood smoke
2002	29-Nov	104	42.7	air stagnation/wood smoke
2002	28-Nov	120	43.1	air stagnation/wood smoke
2002	27-Nov	141	51.9	air stagnation/wood smoke
2002	26-Nov	123	44.5	air stagnation/wood smoke
2002	4-Nov	118	42.3	air stagnation/wood smoke
2002	3-Nov	131	47.8	air stagnation/wood smoke
2002	2-Nov	117	41.9	air stagnation/wood smoke

2001	11-Nov	119	43.0	air stagnation/wood smoke
2001	10-Nov	117	42.0	air stagnation/wood smoke
2000	4-Nov	115	41.0	air stagnation/wood smoke
2000	26-Oct	117	42.0	air stagnation/wood smoke
1999	None	NA	NA	NA