



west virginia department of environmental protection

Appendix A: Air Monitoring Data

West Virginia Division of Air Quality
601 57th Street, SE
Charleston, WV 25304

Promoting a healthy environment.

[This page intentionally left blank.]

Monitor Values Report

Geographic Area: Brooke County, WV

Pollutant: SO2

Year: 2007

Exceptional Events: Included (if any)

Note: The * indicates the mean does not satisfy minimum data completeness criteria.

Obs 1hr	First Max 1hr	Second Max 1hr	99th Percentile	Obs 24hr	First Max 24hr	Second Max 24hr	Days >STD	Annual Mean	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8716	231	167	131	365	41	30.9	0	9.15	None	1	540090005	Follansbee - Mahan Lane	Follansbee	Brooke	WV	03
8669	177	174	168	363	55.2	44.3	0	10.2	None	1	540090007	Mckims Ridge Road - Cross Creek District - P O Box 3280	Not in a City	Brooke	WV	03
8694	250	181	169	365	46.3	41	0	10.41	None	1	540090011	Weirton - Marland Heights Elementary	Weirton	Brooke	WV	03

Get detailed information about this report, including column descriptions, at <https://www.epa.gov/outdoor-air-quality-data/about-air-data-reports#mon>

AirData reports are produced from a direct query of the AQS Data Mart. The data represent the best and most recent information available to EPA from state agencies. However, some values may be absent due to incomplete reporting, and some values may change due to quality assurance activities. The AQS database is updated by state, local, and tribal organizations who own and submit the data.

Readers are cautioned not to rank order geographic areas based on AirData reports. Air pollution levels measured at a particular monitoring site are not necessarily representative of the air quality for an entire county or urban area.

This report is based on monitor-level summary statistics. Air quality standards for some pollutants (PM2.5 and Pb) allow for combining data from multiple monitors into a site-level summary statistic that can be compared to the standard. In those cases, the site-level statistics may differ from the monitor-level statistics upon which this report is based.

Source: U.S. EPA AirData <<https://www.epa.gov/air-data>>
Generated: December 12, 2017

Monitor Values Report

Geographic Area: Jefferson County, OH

Pollutant: SO2

Year: 2007

Exceptional Events: Included (if any)

Note: The * indicates the mean does not satisfy minimum data completeness criteria.

Obs 1hr	First Max 1hr	Second Max 1hr	99th Percentile	Obs 24hr	First Max 24hr	Second Max 24hr	Days >STD	Annual Mean	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8133	245	211	168	351	64.4	56.6	0	5.84	None	1	390810017	618 Logan St.	Steubenville	Jefferson	OH	05

Get detailed information about this report, including column descriptions, at <https://www.epa.gov/outdoor-air-quality-data/about-air-data-reports#mon>

AirData reports are produced from a direct query of the AQS Data Mart. The data represent the best and most recent information available to EPA from state agencies. However, some values may be absent due to incomplete reporting, and some values may change due to quality assurance activities. The AQS database is updated by state, local, and tribal organizations who own and submit the data.

Readers are cautioned not to rank order geographic areas based on AirData reports. Air pollution levels measured at a particular monitoring site are not necessarily representative of the air quality for an entire county or urban area.

This report is based on monitor-level summary statistics. Air quality standards for some pollutants (PM2.5 and Pb) allow for combining data from multiple monitors into a site-level summary statistic that can be compared to the standard. In those cases, the site-level statistics may differ from the monitor-level statistics upon which this report is based.

Source: U.S. EPA AirData <<https://www.epa.gov/air-data>>

Generated: February 12, 2018

Monitor Values Report

Geographic Area: Brooke County, WV

Pollutant: SO2

Year: 2008

Exceptional Events: Included (if any)

Note: The * indicates the mean does not satisfy minimum data completeness criteria.

Obs 1hr	First Max 1hr	Second Max 1hr	99th Percentile	Obs 24hr	First Max 24hr	Second Max 24hr	Days >STD	Annual Mean	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8639	218	194	168	361	32.9	28.4	0	8.28	None	1	540090005	Follansbee - Mahan Lane	Follansbee	Brooke	WV	03
8638	171	170	137	363	60.4	54.7	0	10.22	None	1	540090007	Mckims Ridge Road - Cross Creek District - P O Box 3280	Not in a City	Brooke	WV	03
8711	234	228	159	366	54.1	45.6	0	10.81	None	1	540090011	Weirton - Marland Heights Elementary	Weirton	Brooke	WV	03

Get detailed information about this report, including column descriptions, at <https://www.epa.gov/outdoor-air-quality-data/about-air-data-reports#mon>

AirData reports are produced from a direct query of the AQS Data Mart. The data represent the best and most recent information available to EPA from state agencies. However, some values may be absent due to incomplete reporting, and some values may change due to quality assurance activities. The AQS database is updated by state, local, and tribal organizations who own and submit the data.

Readers are cautioned not to rank order geographic areas based on AirData reports. Air pollution levels measured at a particular monitoring site are not necessarily representative of the air quality for an entire county or urban area.

This report is based on monitor-level summary statistics. Air quality standards for some pollutants (PM2.5 and Pb) allow for combining data from multiple monitors into a site-level summary statistic that can be compared to the standard. In those cases, the site-level statistics may differ from the monitor-level statistics upon which this report is based.

Source: U.S. EPA AirData <<https://www.epa.gov/air-data>>

Generated: December 12, 2017

Monitor Values Report

Geographic Area: Jefferson County, OH

Pollutant: SO2

Year: 2008

Exceptional Events: Included (if any)

Note: The * indicates the mean does not satisfy minimum data completeness criteria.

Obs 1hr	First Max 1hr	Second Max 1hr	99th Percentile	Obs 24hr	First Max 24hr	Second Max 24hr	Days >STD	Annual Mean	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8344	179	175	135	363	35.6	33.3	0	5.02	None	1	390810017	618 Logan St.	Steubenville	Jefferson	OH	05

Get detailed information about this report, including column descriptions, at <https://www.epa.gov/outdoor-air-quality-data/about-air-data-reports#mon>

AirData reports are produced from a direct query of the AQS Data Mart. The data represent the best and most recent information available to EPA from state agencies. However, some values may be absent due to incomplete reporting, and some values may change due to quality assurance activities. The AQS database is updated by state, local, and tribal organizations who own and submit the data.

Readers are cautioned not to rank order geographic areas based on AirData reports. Air pollution levels measured at a particular monitoring site are not necessarily representative of the air quality for an entire county or urban area.

This report is based on monitor-level summary statistics. Air quality standards for some pollutants (PM2.5 and Pb) allow for combining data from multiple monitors into a site-level summary statistic that can be compared to the standard. In those cases, the site-level statistics may differ from the monitor-level statistics upon which this report is based.

Source: U.S. EPA AirData <<https://www.epa.gov/air-data>>

Generated: February 12, 2018

Monitor Values Report

Geographic Area: Brooke County, WV

Pollutant: SO2

Year: 2009

Exceptional Events: Included (if any)

Note: The * indicates the mean does not satisfy minimum data completeness criteria.

Obs 1hr	First Max 1hr	Second Max 1hr	99th Percentile	Obs 24hr	First Max 24hr	Second Max 24hr	Days >STD	Annual Mean	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8651	97	85	82	362	35.8	20.5	0	6.27	None	1	540090005	Follansbee - Mahan Lane	Follansbee	Brooke	WV	03
8676	126	122	81	364	34.8	34.5	0	7.89	None	1	540090007	Mckims Ridge Road - Cross Creek District - P O Box 3280	Not in a City	Brooke	WV	03
8535	425	365	143	357	105.4	95.6	0	7.22	None	1	540090011	Weirton - Marland Heights Elementary	Weirton	Brooke	WV	03

Get detailed information about this report, including column descriptions, at <https://www.epa.gov/outdoor-air-quality-data/about-air-data-reports#mon>

AirData reports are produced from a direct query of the AQS Data Mart. The data represent the best and most recent information available to EPA from state agencies. However, some values may be absent due to incomplete reporting, and some values may change due to quality assurance activities. The AQS database is updated by state, local, and tribal organizations who own and submit the data.

Readers are cautioned not to rank order geographic areas based on AirData reports. Air pollution levels measured at a particular monitoring site are not necessarily representative of the air quality for an entire county or urban area.

This report is based on monitor-level summary statistics. Air quality standards for some pollutants (PM2.5 and Pb) allow for combining data from multiple monitors into a site-level summary statistic that can be compared to the standard. In those cases, the site-level statistics may differ from the monitor-level statistics upon which this report is based.

Source: U.S. EPA AirData <<https://www.epa.gov/air-data>>
Generated: December 12, 2017

Monitor Values Report

Geographic Area: Jefferson County, OH

Pollutant: SO2

Year: 2009

Exceptional Events: Included (if any)

Note: The * indicates the mean does not satisfy minimum data completeness criteria.

Obs 1hr	First Max 1hr	Second Max 1hr	99th Percentile	Obs 24hr	First Max 24hr	Second Max 24hr	Days >STD	Annual Mean	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8333	154	98	85	362	28.7	22	0	3.82	None	1	390810017	618 Logan St.	Steubenville	Jefferson	OH	05

Get detailed information about this report, including column descriptions, at <https://www.epa.gov/outdoor-air-quality-data/about-air-data-reports#mon>

AirData reports are produced from a direct query of the AQS Data Mart. The data represent the best and most recent information available to EPA from state agencies. However, some values may be absent due to incomplete reporting, and some values may change due to quality assurance activities. The AQS database is updated by state, local, and tribal organizations who own and submit the data.

Readers are cautioned not to rank order geographic areas based on AirData reports. Air pollution levels measured at a particular monitoring site are not necessarily representative of the air quality for an entire county or urban area.

This report is based on monitor-level summary statistics. Air quality standards for some pollutants (PM2.5 and Pb) allow for combining data from multiple monitors into a site-level summary statistic that can be compared to the standard. In those cases, the site-level statistics may differ from the monitor-level statistics upon which this report is based.

Source: U.S. EPA AirData <<https://www.epa.gov/air-data>>
Generated: February 12, 2018

Monitor Values Report

Geographic Area: Brooke County, WV

Pollutant: SO2

Year: 2010

Exceptional Events: Included (if any)

Note: The * indicates the mean does not satisfy minimum data completeness criteria.

Obs 1hr	First Max 1hr	Second Max 1hr	99th Percentile	Obs 24hr	First Max 24hr	Second Max 24hr	Days >STD	Annual Mean	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8680	310	201	131	363	56.5	32.8	0	6.25	None	1	540090005	Follansbee - Mahan Lane	Follansbee	Brooke	WV	03
8604	234	175	92	359	42.9	39.7	0	8.84	None	1	540090007	Mckims Ridge Road - Cross Creek District - P O Box 3280	Not in a City	Brooke	WV	03
8302	392	229	143	346	67.9	42	0	7.39	None	1	540090011	Weirton - Marland Heights Elementary	Weirton	Brooke	WV	03

Get detailed information about this report, including column descriptions, at <https://www.epa.gov/outdoor-air-quality-data/about-air-data-reports#mon>

AirData reports are produced from a direct query of the AQS Data Mart. The data represent the best and most recent information available to EPA from state agencies. However, some values may be absent due to incomplete reporting, and some values may change due to quality assurance activities. The AQS database is updated by state, local, and tribal organizations who own and submit the data.

Readers are cautioned not to rank order geographic areas based on AirData reports. Air pollution levels measured at a particular monitoring site are not necessarily representative of the air quality for an entire county or urban area.

This report is based on monitor-level summary statistics. Air quality standards for some pollutants (PM2.5 and Pb) allow for combining data from multiple monitors into a site-level summary statistic that can be compared to the standard. In those cases, the site-level statistics may differ from the monitor-level statistics upon which this report is based.

Source: U.S. EPA AirData <<https://www.epa.gov/air-data>>

Generated: December 12, 2017

Monitor Values Report

Geographic Area: Jefferson County, OH

Pollutant: SO2

Year: 2010

Exceptional Events: Included (if any)

Note: The * indicates the mean does not satisfy minimum data completeness criteria.

Obs 1hr	First Max 1hr	Second Max 1hr	99th Percentile	Obs 24hr	First Max 24hr	Second Max 24hr	Days >STD	Annual Mean	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8341	155	141	127	362	38.6	26.5	0	4.41	None	1	390810017	618 Logan St.	Steubenville	Jefferson	OH	05

Get detailed information about this report, including column descriptions, at <https://www.epa.gov/outdoor-air-quality-data/about-air-data-reports#mon>

AirData reports are produced from a direct query of the AQS Data Mart. The data represent the best and most recent information available to EPA from state agencies. However, some values may be absent due to incomplete reporting, and some values may change due to quality assurance activities. The AQS database is updated by state, local, and tribal organizations who own and submit the data.

Readers are cautioned not to rank order geographic areas based on AirData reports. Air pollution levels measured at a particular monitoring site are not necessarily representative of the air quality for an entire county or urban area.

This report is based on monitor-level summary statistics. Air quality standards for some pollutants (PM2.5 and Pb) allow for combining data from multiple monitors into a site-level summary statistic that can be compared to the standard. In those cases, the site-level statistics may differ from the monitor-level statistics upon which this report is based.

Source: U.S. EPA AirData <<https://www.epa.gov/air-data>>

Generated: February 12, 2018

Monitor Values Report

Geographic Area: Brooke County, WV

Pollutant: SO2

Year: 2011

Exceptional Events: Included (if any)

Note: The * indicates the mean does not satisfy minimum data completeness criteria.

Obs 1hr	First Max 1hr	Second Max 1hr	99th Percentile	Obs 24hr	First Max 24hr	Second Max 24hr	Days >STD	Annual Mean	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8674	222	179	143	363	43.3	33.1	0	6.58	None	1	540090005	Follansbee - Mahan Lane	Follansbee	Brooke	WV	03
8690	284	105	75	364	34.4	30.3	0	6.04	None	1	540090007	Mckims Ridge Road - Cross Creek District - P O Box 3280	Not in a City	Brooke	WV	03
5694	342	288	235	236	96.5	70.7	0	8.20*	None	1	540090011	Weirton - Marland Heights Elementary	Weirton	Brooke	WV	03
8369	80	79	46	364	13.3	12.1	0	3.8	None	1	540096000	State Toute 2, Box27a, Beech Bottom, Wva	Beech Bottom	Brooke	WV	03

Get detailed information about this report, including column descriptions, at <https://www.epa.gov/outdoor-air-quality-data/about-air-data-reports#mon>

AirData reports are produced from a direct query of the AQS Data Mart. The data represent the best and most recent information available to EPA from state agencies. However, some values may be absent due to incomplete reporting, and some values may change due to quality assurance activities. The AQS database is updated by state, local, and tribal organizations who own and submit the data.

Readers are cautioned not to rank order geographic areas based on AirData reports. Air pollution levels measured at a particular monitoring site are not necessarily representative of the air quality for an entire county or urban area.

This report is based on monitor-level summary statistics. Air quality standards for some pollutants (PM2.5 and Pb) allow for combining data from multiple monitors into a site-level summary statistic that can be compared to the standard. In those cases, the site-level statistics may differ from the monitor-level statistics upon which this report is based.

Source: U.S. EPA AirData <<https://www.epa.gov/air-data>>

Generated: December 12, 2017

Monitor Values Report

Geographic Area: Jefferson County, OH

Pollutant: SO2

Year: 2011

Exceptional Events: Included (if any)

Note: The * indicates the mean does not satisfy minimum data completeness criteria.

Obs 1hr	First Max 1hr	Second Max 1hr	99th Percentile	Obs 24hr	First Max 24hr	Second Max 24hr	Days >STD	Annual Mean	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8322	192	147	114	361	31.5	26	0	5.57	None	1	390810017	618 Logan St.	Steubenville	Jefferson	OH	05
8356	73	67	55	365	12.5	11.9	0	3.77	None	1	390810018	3487 County Rd. 19	Not in a City	Jefferson	OH	05
8324	62	53	43	361	9.9	9.5	0	3.62	None	1	390810020	1469 3rd St.	Not in a City	Jefferson	OH	05

Get detailed information about this report, including column descriptions, at <https://www.epa.gov/outdoor-air-quality-data/about-air-data-reports#mon>

AirData reports are produced from a direct query of the AQS Data Mart. The data represent the best and most recent information available to EPA from state agencies. However, some values may be absent due to incomplete reporting, and some values may change due to quality assurance activities. The AQS database is updated by state, local, and tribal organizations who own and submit the data.

Readers are cautioned not to rank order geographic areas based on AirData reports. Air pollution levels measured at a particular monitoring site are not necessarily representative of the air quality for an entire county or urban area.

This report is based on monitor-level summary statistics. Air quality standards for some pollutants (PM2.5 and Pb) allow for combining data from multiple monitors into a site-level summary statistic that can be compared to the standard. In those cases, the site-level statistics may differ from the monitor-level statistics upon which this report is based.

Source: U.S. EPA AirData <<https://www.epa.gov/air-data>>
Generated: February 12, 2018

Monitor Values Report

Geographic Area: Brooke County, WV

Pollutant: SO2

Year: 2012

Exceptional Events: Included (if any)

Note: The * indicates the mean does not satisfy minimum data completeness criteria.

Obs 1hr	First Max 1hr	Second Max 1hr	99th Percentile	Obs 24hr	First Max 24hr	Second Max 24hr	Days >STD	Annual Mean	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8636	87	84	71	359	32.5	27.7	0	4.77	None	1	540090005	Follansbee - Mahan Lane	Follansbee	Brooke	WV	03
8721	183	121	71	365	24.4	22.6	0	4.02	None	1	540090007	Mckims Ridge Road - Cross Creek District - P O Box 3280	Not in a City	Brooke	WV	03
8248	224	148	117	345	57.4	40.9	0	5.83	None	1	540090011	Weirton - Marland Heights Elementary	Weirton	Brooke	WV	03
8384	45	37	28	366	7.2	6.6	0	2.39	None	1	540096000	State Toute 2, Box27a, Beech Bottom, Wva	Beech Bottom	Brooke	WV	03

Get detailed information about this report, including column descriptions, at <https://www.epa.gov/outdoor-air-quality-data/about-air-data-reports#mon>

AirData reports are produced from a direct query of the AQS Data Mart. The data represent the best and most recent information available to EPA from state agencies. However, some values may be absent due to incomplete reporting, and some values may change due to quality assurance activities. The AQS database is updated by state, local, and tribal organizations who own and submit the data.

Readers are cautioned not to rank order geographic areas based on AirData reports. Air pollution levels measured at a particular monitoring site are not necessarily representative of the air quality for an entire county or urban area.

This report is based on monitor-level summary statistics. Air quality standards for some pollutants (PM2.5 and Pb) allow for combining data from multiple monitors into a site-level summary statistic that can be compared to the standard. In those cases, the site-level statistics may differ from the monitor-level statistics upon which this report is based.

Source: U.S. EPA AirData <<https://www.epa.gov/air-data>>

Generated: December 12, 2017

Monitor Values Report

Geographic Area: Jefferson County, OH

Pollutant: SO2

Year: 2012

Exceptional Events: Included (if any)

Note: The * indicates the mean does not satisfy minimum data completeness criteria.

Obs 1hr	First Max 1hr	Second Max 1hr	99th Percentile	Obs 24hr	First Max 24hr	Second Max 24hr	Days >STD	Annual Mean	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8328	150	124	92	363	24	22.4	0	3.14	None	1	390810017	618 Logan St.	Steubenville	Jefferson	OH	05
8390	84	44	37	366	16	12.2	0	4.1	None	1	390810018	3487 County Rd. 19	Not in a City	Jefferson	OH	05
8210	44	38	28	356	7.8	7.7	0	2.87	None	1	390810020	1469 3rd St.	Not in a City	Jefferson	OH	05

Get detailed information about this report, including column descriptions, at <https://www.epa.gov/outdoor-air-quality-data/about-air-data-reports#mon>

AirData reports are produced from a direct query of the AQS Data Mart. The data represent the best and most recent information available to EPA from state agencies. However, some values may be absent due to incomplete reporting, and some values may change due to quality assurance activities. The AQS database is updated by state, local, and tribal organizations who own and submit the data.

Readers are cautioned not to rank order geographic areas based on AirData reports. Air pollution levels measured at a particular monitoring site are not necessarily representative of the air quality for an entire county or urban area.

This report is based on monitor-level summary statistics. Air quality standards for some pollutants (PM2.5 and Pb) allow for combining data from multiple monitors into a site-level summary statistic that can be compared to the standard. In those cases, the site-level statistics may differ from the monitor-level statistics upon which this report is based.

Source: U.S. EPA AirData <<https://www.epa.gov/air-data>>
Generated: February 12, 2018

Monitor Values Report

Geographic Area: Brooke County, WV

Pollutant: SO2

Year: 2013

Exceptional Events: Included (if any)

Note: The * indicates the mean does not satisfy minimum data completeness criteria.

Obs 1hr	First Max 1hr	Second Max 1hr	99th Percentile	Obs 24hr	First Max 24hr	Second Max 24hr	Days >STD	Annual Mean	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8682	71	66	49	363	35.5	13.7	0	3.25	None	1	540090005	Follansbee - Mahan Lane	Follansbee	Brooke	WV	03
8213	45	40	31	339	15	11.9	0	3.29	None	1	540090007	Mckims Ridge Road - Cross Creek District - P O Box 3280	Not in a City	Brooke	WV	03
8665	71	70	62	362	19.8	19.4	0	4.38	None	1	540090011	Weirton - Marland Heights Elementary	Weirton	Brooke	WV	03
8335	37	32	21	363	5.7	5	0	1.82	None	1	540096000	State Toute 2, Box27a, Beech Bottom, Wva	Beech Bottom	Brooke	WV	03

Get detailed information about this report, including column descriptions, at <https://www.epa.gov/outdoor-air-quality-data/about-air-data-reports#mon>

AirData reports are produced from a direct query of the AQS Data Mart. The data represent the best and most recent information available to EPA from state agencies. However, some values may be absent due to incomplete reporting, and some values may change due to quality assurance activities. The AQS database is updated by state, local, and tribal organizations who own and submit the data.

Readers are cautioned not to rank order geographic areas based on AirData reports. Air pollution levels measured at a particular monitoring site are not necessarily representative of the air quality for an entire county or urban area.

This report is based on monitor-level summary statistics. Air quality standards for some pollutants (PM2.5 and Pb) allow for combining data from multiple monitors into a site-level summary statistic that can be compared to the standard. In those cases, the site-level statistics may differ from the monitor-level statistics upon which this report is based.

Source: U.S. EPA AirData <<https://www.epa.gov/air-data>>
Generated: December 12, 2017

Monitor Values Report

Geographic Area: Jefferson County, OH

Pollutant: SO2

Year: 2013

Exceptional Events: Included (if any)

Note: The * indicates the mean does not satisfy minimum data completeness criteria.

Obs 1hr	First Max 1hr	Second Max 1hr	99th Percentile	Obs 24hr	First Max 24hr	Second Max 24hr	Days >STD	Annual Mean	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8221	48	44	37	356	11.9	8.4	0	1.46	None	1	390810017	618 Logan St.	Steubenville	Jefferson	OH	05
8325	71	68	52	363	16.8	11.7	0	3.83	None	1	390810018	3487 County Rd. 19	Not in a City	Jefferson	OH	05
8354	41	34	33	363	9.5	7.4	0	3.24	None	1	390810020	1469 3rd St.	Not in a City	Jefferson	OH	05

Get detailed information about this report, including column descriptions, at <https://www.epa.gov/outdoor-air-quality-data/about-air-data-reports#mon>

AirData reports are produced from a direct query of the AQS Data Mart. The data represent the best and most recent information available to EPA from state agencies. However, some values may be absent due to incomplete reporting, and some values may change due to quality assurance activities. The AQS database is updated by state, local, and tribal organizations who own and submit the data.

Readers are cautioned not to rank order geographic areas based on AirData reports. Air pollution levels measured at a particular monitoring site are not necessarily representative of the air quality for an entire county or urban area.

This report is based on monitor-level summary statistics. Air quality standards for some pollutants (PM2.5 and Pb) allow for combining data from multiple monitors into a site-level summary statistic that can be compared to the standard. In those cases, the site-level statistics may differ from the monitor-level statistics upon which this report is based.

Source: U.S. EPA AirData <<https://www.epa.gov/air-data>>
Generated: February 12, 2018

Monitor Values Report

Geographic Area: Brooke County, WV

Pollutant: SO2

Year: 2014

Exceptional Events: Included (if any)

Note: The * indicates the mean does not satisfy minimum data completeness criteria.

Obs 1hr	First Max 1hr	Second Max 1hr	99th Percentile	Obs 24hr	First Max 24hr	Second Max 24hr	Days >STD	Annual Mean	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8634	88	73	33	360	43	27	0	2.8	None	1	540090005	Follansbee - Mahan Lane	Follansbee	Brooke	WV	03
8521	80	40	32	356	13.2	12.1	0	3.58	None	1	540090007	Mckims Ridge Road - Cross Creek District - P O Box 3280	Not in a City	Brooke	WV	03
8696	159	65	48	364	37.3	19.6	0	3.47	None	1	540090011	Weirton - Marland Heights Elementary	Weirton	Brooke	WV	03
8326	47	46	20	362	7.1	7.1	0	1.72	None	1	540096000	State Toute 2, Box27a, Beech Bottom, Wva	Beech Bottom	Brooke	WV	03

Get detailed information about this report, including column descriptions, at <https://www.epa.gov/outdoor-air-quality-data/about-air-data-reports#mon>

AirData reports are produced from a direct query of the AQS Data Mart. The data represent the best and most recent information available to EPA from state agencies. However, some values may be absent due to incomplete reporting, and some values may change due to quality assurance activities. The AQS database is updated by state, local, and tribal organizations who own and submit the data.

Readers are cautioned not to rank order geographic areas based on AirData reports. Air pollution levels measured at a particular monitoring site are not necessarily representative of the air quality for an entire county or urban area.

This report is based on monitor-level summary statistics. Air quality standards for some pollutants (PM2.5 and Pb) allow for combining data from multiple monitors into a site-level summary statistic that can be compared to the standard. In those cases, the site-level statistics may differ from the monitor-level statistics upon which this report is based.

Source: U.S. EPA AirData <<https://www.epa.gov/air-data>>
Generated: December 12, 2017

Monitor Values Report

Geographic Area: Jefferson County, OH

Pollutant: SO2

Year: 2014

Exceptional Events: Included (if any)

Note: The * indicates the mean does not satisfy minimum data completeness criteria.

Obs 1hr	First Max 1hr	Second Max 1hr	99th Percentile	Obs 24hr	First Max 24hr	Second Max 24hr	Days >STD	Annual Mean	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8169	93	60	30	355	18.1	8.3	0	1.24	None	1	390810017	618 Logan St.	Steubenville	Jefferson	OH	05
8361	57	50	38	365	11.1	10.5	0	4.11	None	1	390810018	3487 County Rd. 19	Not in a City	Jefferson	OH	05
8333	30	27	24	362	8.1	7.9	0	2.3	None	1	390810020	1469 3rd St.	Not in a City	Jefferson	OH	05

Get detailed information about this report, including column descriptions, at <https://www.epa.gov/outdoor-air-quality-data/about-air-data-reports#mon>

AirData reports are produced from a direct query of the AQS Data Mart. The data represent the best and most recent information available to EPA from state agencies. However, some values may be absent due to incomplete reporting, and some values may change due to quality assurance activities. The AQS database is updated by state, local, and tribal organizations who own and submit the data.

Readers are cautioned not to rank order geographic areas based on AirData reports. Air pollution levels measured at a particular monitoring site are not necessarily representative of the air quality for an entire county or urban area.

This report is based on monitor-level summary statistics. Air quality standards for some pollutants (PM2.5 and Pb) allow for combining data from multiple monitors into a site-level summary statistic that can be compared to the standard. In those cases, the site-level statistics may differ from the monitor-level statistics upon which this report is based.

Source: U.S. EPA AirData <<https://www.epa.gov/air-data>>
Generated: February 12, 2018

Monitor Values Report

Geographic Area: Brooke County, WV

Pollutant: SO2

Year: 2015

Exceptional Events: Included (if any)

Note: The * indicates the mean does not satisfy minimum data completeness criteria.

Obs 1hr	First Max 1hr	Second Max 1hr	99th Percentile	Obs 24hr	First Max 24hr	Second Max 24hr	Days >STD	Annual Mean	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8395	84	74	49	351	31.6	24.4	0	3.06	None	1	540090005	Follansbee - Mahan Lane	Follansbee	Brooke	WV	03
8649	61	27	26	361	12.8	10.6	0	2.62	None	1	540090007	Mckims Ridge Road - Cross Creek District - P O Box 3280	Not in a City	Brooke	WV	03
8601	64	58	35	359	22.1	16.1	0	2.93	None	1	540090011	Weirton - Marland Heights Elementary	Weirton	Brooke	WV	03
8340	84	65	27	364	13.1	6.1	0	1.46	None	1	540096000	State Toute 2, Box27a, Beech Bottom, Wva	Beech Bottom	Brooke	WV	03

Get detailed information about this report, including column descriptions, at <https://www.epa.gov/outdoor-air-quality-data/about-air-data-reports#mon>

AirData reports are produced from a direct query of the AQS Data Mart. The data represent the best and most recent information available to EPA from state agencies. However, some values may be absent due to incomplete reporting, and some values may change due to quality assurance activities. The AQS database is updated by state, local, and tribal organizations who own and submit the data.

Readers are cautioned not to rank order geographic areas based on AirData reports. Air pollution levels measured at a particular monitoring site are not necessarily representative of the air quality for an entire county or urban area.

This report is based on monitor-level summary statistics. Air quality standards for some pollutants (PM2.5 and Pb) allow for combining data from multiple monitors into a site-level summary statistic that can be compared to the standard. In those cases, the site-level statistics may differ from the monitor-level statistics upon which this report is based.

Source: U.S. EPA AirData <<https://www.epa.gov/air-data>>

Generated: December 12, 2017

Monitor Values Report

Geographic Area: Jefferson County, OH

Pollutant: SO2

Year: 2015

Exceptional Events: Included (if any)

Note: The * indicates the mean does not satisfy minimum data completeness criteria.

Obs 1hr	First Max 1hr	Second Max 1hr	99th Percentile	Obs 24hr	First Max 24hr	Second Max 24hr	Days >STD	Annual Mean	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8367	40	36	29	364	7.9	7.3	0	1.24	None	1	390810017	618 Logan St.	Steubenville	Jefferson	OH	05
8355	101	68	50	365	9.7	8.8	0	2.75	None	1	390810018	3487 County Rd. 19	Not in a City	Jefferson	OH	05
8344	44	43	23	364	6.6	6	0	1.32	None	1	390810020	1469 3rd St.	Not in a City	Jefferson	OH	05

Get detailed information about this report, including column descriptions, at <https://www.epa.gov/outdoor-air-quality-data/about-air-data-reports#mon>

AirData reports are produced from a direct query of the AQS Data Mart. The data represent the best and most recent information available to EPA from state agencies. However, some values may be absent due to incomplete reporting, and some values may change due to quality assurance activities. The AQS database is updated by state, local, and tribal organizations who own and submit the data.

Readers are cautioned not to rank order geographic areas based on AirData reports. Air pollution levels measured at a particular monitoring site are not necessarily representative of the air quality for an entire county or urban area.

This report is based on monitor-level summary statistics. Air quality standards for some pollutants (PM2.5 and Pb) allow for combining data from multiple monitors into a site-level summary statistic that can be compared to the standard. In those cases, the site-level statistics may differ from the monitor-level statistics upon which this report is based.

Source: U.S. EPA AirData <<https://www.epa.gov/air-data>>
Generated: February 12, 2018

Monitor Values Report

Geographic Area: Brooke County, WV

Pollutant: SO2

Year: 2016

Exceptional Events: Included (if any)

Note: The * indicates the mean does not satisfy minimum data completeness criteria.

Obs 1hr	First Max 1hr	Second Max 1hr	99th Percentile	Obs 24hr	First Max 24hr	Second Max 24hr	Days >STD	Annual Mean	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8566	94	76	33	357	14.5	13.2	0	2.31	None	1	540090005	Follansbee - Mahan Lane	Follansbee	Brooke	WV	03
8557	46	44	39	357	13.4	12.6	0	2.92	None	1	540090007	Mckims Ridge Road - Cross Creek District - P O Box 3280	Not in a City	Brooke	WV	03
8718	101	64	49	365	21.8	19.5	0	3.02	None	1	540090011	Weirton - Marland Heights Elementary	Weirton	Brooke	WV	03
8373	63	51	40	366	9	8	0	1.23	None	1	540096000	State Toute 2, Box27a, Beech Bottom, Wva	Beech Bottom	Brooke	WV	03

Get detailed information about this report, including column descriptions, at <https://www.epa.gov/outdoor-air-quality-data/about-air-data-reports#mon>

AirData reports are produced from a direct query of the AQS Data Mart. The data represent the best and most recent information available to EPA from state agencies. However, some values may be absent due to incomplete reporting, and some values may change due to quality assurance activities. The AQS database is updated by state, local, and tribal organizations who own and submit the data.

Readers are cautioned not to rank order geographic areas based on AirData reports. Air pollution levels measured at a particular monitoring site are not necessarily representative of the air quality for an entire county or urban area.

This report is based on monitor-level summary statistics. Air quality standards for some pollutants (PM2.5 and Pb) allow for combining data from multiple monitors into a site-level summary statistic that can be compared to the standard. In those cases, the site-level statistics may differ from the monitor-level statistics upon which this report is based.

Source: U.S. EPA AirData <<https://www.epa.gov/air-data>>

Generated: December 12, 2017

Monitor Values Report

Geographic Area: Jefferson County, OH

Pollutant: SO2

Year: 2016

Exceptional Events: Included (if any)

Note: The * indicates the mean does not satisfy minimum data completeness criteria.

Obs 1hr	First Max 1hr	Second Max 1hr	99th Percentile	Obs 24hr	First Max 24hr	Second Max 24hr	Days >STD	Annual Mean	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8402	78	39	27	365	10	6.6	0	1.32	None	1	390810017	618 Logan St.	Steubenville	Jefferson	OH	05
8387	77	34	31	366	9.7	8	0	1.88	None	1	390810018	3487 County Rd. 19	Not in a City	Jefferson	OH	05
8378	23	23	20	365	4.4	4	0	1.3	None	1	390810020	1469 3rd St.	Not in a City	Jefferson	OH	05

Get detailed information about this report, including column descriptions, at <https://www.epa.gov/outdoor-air-quality-data/about-air-data-reports#mon>

AirData reports are produced from a direct query of the AQS Data Mart. The data represent the best and most recent information available to EPA from state agencies. However, some values may be absent due to incomplete reporting, and some values may change due to quality assurance activities. The AQS database is updated by state, local, and tribal organizations who own and submit the data.

Readers are cautioned not to rank order geographic areas based on AirData reports. Air pollution levels measured at a particular monitoring site are not necessarily representative of the air quality for an entire county or urban area.

This report is based on monitor-level summary statistics. Air quality standards for some pollutants (PM2.5 and Pb) allow for combining data from multiple monitors into a site-level summary statistic that can be compared to the standard. In those cases, the site-level statistics may differ from the monitor-level statistics upon which this report is based.

Source: U.S. EPA AirData <<https://www.epa.gov/air-data>>
Generated: February 12, 2018

Monitor Values Report

Geographic Area: Brooke County, WV

Pollutant: SO2

Year: 2017 (Annual statistics for 2017 are not final until May 1, 2018)

Exceptional Events: Included (if any)

Note: The * indicates the mean does not satisfy minimum data completeness criteria.

Obs 1hr	First Max 1hr	Second Max 1hr	99th Percentile	Obs 24hr	First Max 24hr	Second Max 24hr	Days >STD	Annual Mean	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8704	32	31	28	365	7.4	5.5	0	2.51	None	1	540090005	Follansbee - Mahan Lane	Follansbee	Brooke	WV	03
8083	59	38	23	335	11.7	9	0	2.88	None	1	540090007	Mckims Ridge Road - Cross Creek District - P O Box 3280	Not in a City	Brooke	WV	03
8689	49	32	27	363	16.6	14.3	0	2.63	None	1	540090011	Weirton - Marland Heights Elementary	Weirton	Brooke	WV	03
8341	71	45	27	364	14.1	6.3	0	0.94	None	1	540096000	State Toute 2, Box27a, Beech Bottom, Wva	Beech Bottom	Brooke	WV	03

Get detailed information about this report, including column descriptions, at <https://www.epa.gov/outdoor-air-quality-data/about-air-data-reports#mon>

AirData reports are produced from a direct query of the AQS Data Mart. The data represent the best and most recent information available to EPA from state agencies. However, some values may be absent due to incomplete reporting, and some values may change due to quality assurance activities. The AQS database is updated by state, local, and tribal organizations who own and submit the data.

Readers are cautioned not to rank order geographic areas based on AirData reports. Air pollution levels measured at a particular monitoring site are not necessarily representative of the air quality for an entire county or urban area.

This report is based on monitor-level summary statistics. Air quality standards for some pollutants (PM2.5 and Pb) allow for combining data from multiple monitors into a site-level summary statistic that can be compared to the standard. In those cases, the site-level statistics may differ from the monitor-level statistics upon which this report is based.

Source: U.S. EPA AirData <<https://www.epa.gov/air-data>>

Generated: February 12, 2018

Monitor Values Report

Geographic Area: Jefferson County, OH

Pollutant: SO2

Year: 2017 (Annual statistics for 2017 are not final until May 1, 2018)

Exceptional Events: Included (if any)

Note: The * indicates the mean does not satisfy minimum data completeness criteria.

Obs 1hr	First Max 1hr	Second Max 1hr	99th Percentile	Obs 24hr	First Max 24hr	Second Max 24hr	Days >STD	Annual Mean	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8104	20	19	18	355	5.9	5	0	0.88	None	1	390810017	618 Logan St.	Steubenville	Jefferson	OH	05
8357	96	42	34	365	9.1	5.6	0	1.32	None	1	390810018	3487 County Rd. 19	Not in a City	Jefferson	OH	05
8352	63	50	13	365	8.6	4.9	0	0.81	None	1	390810020	1469 3rd St.	Not in a City	Jefferson	OH	05

Get detailed information about this report, including column descriptions, at <https://www.epa.gov/outdoor-air-quality-data/about-air-data-reports#mon>

AirData reports are produced from a direct query of the AQS Data Mart. The data represent the best and most recent information available to EPA from state agencies. However, some values may be absent due to incomplete reporting, and some values may change due to quality assurance activities. The AQS database is updated by state, local, and tribal organizations who own and submit the data.

Readers are cautioned not to rank order geographic areas based on AirData reports. Air pollution levels measured at a particular monitoring site are not necessarily representative of the air quality for an entire county or urban area.

This report is based on monitor-level summary statistics. Air quality standards for some pollutants (PM2.5 and Pb) allow for combining data from multiple monitors into a site-level summary statistic that can be compared to the standard. In those cases, the site-level statistics may differ from the monitor-level statistics upon which this report is based.

Source: U.S. EPA AirData <<https://www.epa.gov/air-data>>
Generated: February 12, 2018

Monitor Values Report

Geographic Area: Brooke County, WV

Pollutant: SO2

Year: 2018

Exceptional Events: Included (if any)

Note: The * indicates the mean does not satisfy minimum data completeness criteria.

Obs 1hr	First Max 1hr	Second Max 1hr	99th Percentile	Obs 24hr	First Max 24hr	Second Max 24hr	Days >STD	Annual Mean	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
8681	69	50	48	365	19.2	17.8	0	3.04	None	1	540090005	Follansbee - Mahan Lane	Follansbee	Brooke	WV	03
8707	88	45	24	365	9.8	7.6	0	2.39	None	1	540090007	Mckims Ridge Road - Cross Creek District - P O Box 3280	Not in a City	Brooke	WV	03
8633	97	38	35	361	17	12.4	0	2.63	None	1	540090011	Weirton - Marland Heights Elementary	Weirton	Brooke	WV	03
8339	51	23	19	365	10.2	3.4	0	1.01	None	1	540096000	State Toute 2, Box27a, Beech Bottom, Wva	Beech Bottom	Brooke	WV	03

Get detailed information about this report, including column descriptions, at <https://www.epa.gov/outdoor-air-quality-data/about-air-data-reports#mon>

AirData reports are produced from a direct query of the AQS Data Mart. The data represent the best and most recent information available to EPA from state agencies. However, some values may be absent due to incomplete reporting, and some values may change due to quality assurance activities. The AQS database is updated by state, local, and tribal organizations who own and submit the data.

Readers are cautioned not to rank order geographic areas based on AirData reports. Air pollution levels measured at a particular monitoring site are not necessarily representative of the air quality for an entire county or urban area.

This report is based on monitor-level summary statistics. Air quality standards for some pollutants (PM2.5 and Pb) allow for combining data from multiple monitors into a site-level summary statistic that can be compared to the standard. In those cases, the site-level statistics may differ from the monitor-level statistics upon which this report is based.

Source: U.S. EPA AirData <<https://www.epa.gov/air-data>>

Generated: May 15, 2019

Monitor Values Report

Geographic Area: Jefferson County, OH

Pollutant: SO2

Year: 2018

Exceptional Events: Included (if any)

Note: The * indicates the mean does not satisfy minimum data completeness criteria.

Obs 1hr	First Max 1hr	Second Max 1hr	99th Percentile	Obs 24hr	First Max 24hr	Second Max 24hr	Days >STD	Annual Mean	Exc Events	Monitor Number	Site ID	Address	City	County	State	EPA Region
7884	49	46	34	339	14	10.6	0	0.74	None	1	390810017	618 Logan St.	Steubenville	Jefferson	OH	05
8263	16	13	9	356	4	3.3	0	0.82	None	1	390810018	3487 County Rd. 19	Not in a City	Jefferson	OH	05
8084	25	21	8	350	4.7	4	0	0.48	None	1	390810020	1469 3rd St.	Not in a City	Jefferson	OH	05

Get detailed information about this report, including column descriptions, at <https://www.epa.gov/outdoor-air-quality-data/about-air-data-reports#mon>

AirData reports are produced from a direct query of the AQS Data Mart. The data represent the best and most recent information available to EPA from state agencies. However, some values may be absent due to incomplete reporting, and some values may change due to quality assurance activities. The AQS database is updated by state, local, and tribal organizations who own and submit the data.

Readers are cautioned not to rank order geographic areas based on AirData reports. Air pollution levels measured at a particular monitoring site are not necessarily representative of the air quality for an entire county or urban area.

This report is based on monitor-level summary statistics. Air quality standards for some pollutants (PM2.5 and Pb) allow for combining data from multiple monitors into a site-level summary statistic that can be compared to the standard. In those cases, the site-level statistics may differ from the monitor-level statistics upon which this report is based.

Source: U.S. EPA AirData <<https://www.epa.gov/air-data>>

Generated: May 15, 2019

User ID: FKQ

DESIGN VALUE REPORT

Report Request ID: 1624082

Report Code: AMP480

Feb. 12, 2018

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region
	54	009	0005								
	54	009	0007								
	54	009	0011								
	54	009	6000								
	39	081	0017								
	39	081	0018								
	39	081	0020								

PROTOCOL SELECTIONS

Parameter Classification	Parameter	Method	Duration
DESIGN VALUE	42401		

SELECTED OPTIONS

Option Type	Option Value
WORKFILE DELIMITER	,
USER SITE METADATA	STREET ADDRESS
MERGE PDF FILES	YES
QUARTERLY DATA IN WORKFILE	NO
AGENCY ROLE	PQAO
SINGLE EVENT PROCESSING	EXCLUDE REGIONALLY CONCURRED EVENTS

DATE CRITERIA

Start Date	End Date
2007	2017

APPLICABLE STANDARDS

Standard Description
SO2 1-hour 2010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
PRELIMINARY DESIGN VALUE REPORT

Report Date: Feb. 12, 2018

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
 2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
 3. Annual Values not meeting completeness criteria are marked with an asterisk ('*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Feb. 12, 2018

Pollutant: Sulfur dioxide(42401)
Standard Units: Parts per billion(008)
NAAQS Standard: SO2 1-hour 2010
Statistic: Annual 99th Percentile

Design Value Year: 2007

REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.

Level: 75 **State Name:** Ohio

<u>Site ID</u>	<u>STREET ADDRESS</u>	2007			2006			2005			3-Year	
		<u>Comp.</u> <u>Qtrrs</u>	<u>99th</u> <u>Percentile</u>	<u>Cert&</u> <u>Eval</u>	<u>Comp.</u> <u>Qtrrs</u>	<u>99th</u> <u>Percentile</u>	<u>Cert&</u> <u>Eval</u>	<u>Comp.</u> <u>Qtrrs</u>	<u>99th</u> <u>Percentile</u>	<u>Cert&</u> <u>Eval</u>	<u>Design</u> <u>Value</u>	<u>Valid</u> <u>Ind.</u>
39-081-0017	618 LOGAN ST.	4	168		4	135		4	224		176	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
 2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
 3. Annual Values not meeting completeness criteria are marked with an asterisk ('*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Feb. 12, 2018

Pollutant: Sulfur dioxide(42401)
Standard Units: Parts per billion(008)
NAAQS Standard: SO2 1-hour 2010
Statistic: Annual 99th Percentile

Design Value Year: 2007

REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.

Level: 75

State Name: West Virginia

Site ID	STREET ADDRESS	2007			2006			2005			3-Year	
		Comp. Qtrrs	99th Percentile	Cert& Eval	Comp. Qtrrs	99th Percentile	Cert& Eval	Comp. Qtrrs	99th Percentile	Cert& Eval	Design Value	Valid Ind.
54-009-0005	FOLLANSBEE - MAHAN LANE	4	131		4	131		4	189		150	Y
54-009-0007	MCKIMS RIDGE ROAD - CROSS C	4	168		4	179		4	147		165	Y
54-009-0011	WEIRTON - MARLAND HEIGHTS E	4	169		4	145		4	152		155	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
 2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
 3. Annual Values not meeting completeness criteria are marked with an asterisk ('*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Feb. 12, 2018

Pollutant: Sulfur dioxide(42401)
Standard Units: Parts per billion(008)
NAAQS Standard: SO2 1-hour 2010
Statistic: Annual 99th Percentile

Design Value Year: 2008
REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.
Level: 75 **State Name:** Ohio

<u>Site ID</u>	<u>STREET ADDRESS</u>	2008			2007			2006			3-Year	
		<u>Comp. Qtrrs</u>	<u>99th Percentile</u>	<u>Cert& Eval</u>	<u>Comp. Qtrrs</u>	<u>99th Percentile</u>	<u>Cert& Eval</u>	<u>Comp. Qtrrs</u>	<u>99th Percentile</u>	<u>Cert& Eval</u>	<u>Design Value</u>	<u>Valid Ind.</u>
39-081-0017	618 LOGAN ST.	4	135		4	168		4	135		146	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
 2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
 3. Annual Values not meeting completeness criteria are marked with an asterisk ('*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Feb. 12, 2018

Pollutant: Sulfur dioxide(42401)

Design Value Year: 2008

Standard Units: Parts per billion(008)

REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.

NAAQS Standard: SO2 1-hour 2010

Statistic: Annual 99th Percentile

Level: 75

State Name: West Virginia

Site ID	STREET ADDRESS	2008			2007			2006			3-Year	
		Comp. Qtrrs	99th Percentile	Cert& Eval	Comp. Qtrrs	99th Percentile	Cert& Eval	Comp. Qtrrs	99th Percentile	Cert& Eval	Design Value	Valid Ind.
54-009-0005	FOLLANSBEE - MAHAN LANE	4	168		4	131		4	131		143	Y
54-009-0007	MCKIMS RIDGE ROAD - CROSS C	4	137		4	168		4	179		161	Y
54-009-0011	WEIRTON - MARLAND HEIGHTS E	4	159		4	169		4	145		158	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
 2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
 3. Annual Values not meeting completeness criteria are marked with an asterisk ('*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Feb. 12, 2018

Pollutant: Sulfur dioxide(42401)
Standard Units: Parts per billion(008)
NAAQS Standard: SO2 1-hour 2010
Statistic: Annual 99th Percentile

Design Value Year: 2009
REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.
State Name: Ohio

Level: 75

<u>Site ID</u>	<u>STREET ADDRESS</u>	2009			2008			2007			3-Year	
		<u>Comp. Qtrrs</u>	<u>99th Percentile</u>	<u>Cert& Eval</u>	<u>Comp. Qtrrs</u>	<u>99th Percentile</u>	<u>Cert& Eval</u>	<u>Comp. Qtrrs</u>	<u>99th Percentile</u>	<u>Cert& Eval</u>	<u>Design Value</u>	<u>Valid Ind.</u>
39-081-0017	618 LOGAN ST.	4	85		4	135		4	168		129	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
 2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
 3. Annual Values not meeting completeness criteria are marked with an asterisk ('*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Feb. 12, 2018

Pollutant: Sulfur dioxide(42401)
Standard Units: Parts per billion(008)
NAAQS Standard: SO2 1-hour 2010
Statistic: Annual 99th Percentile

Design Value Year: 2009

REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.

Level: 75

State Name: West Virginia

Site ID	STREET ADDRESS	2009			2008			2007			3-Year	
		Comp. Qtrrs	99th Percentile	Cert& Eval	Comp. Qtrrs	99th Percentile	Cert& Eval	Comp. Qtrrs	99th Percentile	Cert& Eval	Design Value	Valid Ind.
54-009-0005	FOLLANSBEE - MAHAN LANE	4	82		4	168		4	131		127	Y
54-009-0007	MCKIMS RIDGE ROAD - CROSS C	4	81		4	137		4	168		129	Y
54-009-0011	WEIRTON - MARLAND HEIGHTS E	4	143		4	159		4	169		157	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
 2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
 3. Annual Values not meeting completeness criteria are marked with an asterisk ('*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Feb. 12, 2018

Pollutant: Sulfur dioxide(42401)
Standard Units: Parts per billion(008)
NAAQS Standard: SO2 1-hour 2010
Statistic: Annual 99th Percentile

Design Value Year: 2010
REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.
State Name: Ohio

Level: 75

<u>Site ID</u>	<u>STREET ADDRESS</u>	2010			2009			2008			3-Year	
		<u>Comp. Qtrrs</u>	<u>99th Percentile</u>	<u>Cert& Eval</u>	<u>Comp. Qtrrs</u>	<u>99th Percentile</u>	<u>Cert& Eval</u>	<u>Comp. Qtrrs</u>	<u>99th Percentile</u>	<u>Cert& Eval</u>	<u>Design Value</u>	<u>Valid Ind.</u>
39-081-0017	618 LOGAN ST.	4	127		4	85		4	135		116	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
 2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
 3. Annual Values not meeting completeness criteria are marked with an asterisk ('*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Feb. 12, 2018

Pollutant: Sulfur dioxide(42401)
Standard Units: Parts per billion(008)
NAAQS Standard: SO2 1-hour 2010
Statistic: Annual 99th Percentile

Design Value Year: 2010

REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.

Level: 75

State Name: West Virginia

Site ID	STREET ADDRESS	2010			2009			2008			3-Year	
		Comp. Qtrrs	99th Percentile	Cert& Eval	Comp. Qtrrs	99th Percentile	Cert& Eval	Comp. Qtrrs	99th Percentile	Cert& Eval	Design Value	Valid Ind.
54-009-0005	FOLLANSBEE - MAHAN LANE	4	131		4	82		4	168		127	Y
54-009-0007	MCKIMS RIDGE ROAD - CROSS C	4	92		4	81		4	137		103	Y
54-009-0011	WEIRTON - MARLAND HEIGHTS E	4	143		4	143		4	159		148	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
 2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
 3. Annual Values not meeting completeness criteria are marked with an asterisk ('*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Feb. 12, 2018

Pollutant: Sulfur dioxide(42401)
Standard Units: Parts per billion(008)
NAAQS Standard: SO2 1-hour 2010
Statistic: Annual 99th Percentile

Design Value Year: 2011

REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.

Level: 75 **State Name:** Ohio

Site ID	STREET ADDRESS	2011			2010			2009			3-Year	
		Comp. Qtrrs	99th Percentile	Cert& Eval	Comp. Qtrrs	99th Percentile	Cert& Eval	Comp. Qtrrs	99th Percentile	Cert& Eval	Design Value	Valid Ind.
39-081-0017	618 LOGAN ST.	4	114		4	127		4	85		109	Y
39-081-0018	3487 COUNTY RD. 19	4	55								55	N
39-081-0020	1469 3rd ST.	4	43								43	N

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
 2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
 3. Annual Values not meeting completeness criteria are marked with an asterisk ('*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Feb. 12, 2018

Pollutant: Sulfur dioxide(42401)
Standard Units: Parts per billion(008)
NAAQS Standard: SO2 1-hour 2010
Statistic: Annual 99th Percentile

Design Value Year: 2011

REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.

Level: 75

State Name: West Virginia

Site ID	STREET ADDRESS	2011			2010			2009			3-Year	
		Comp. Qtrtrs	99th Percentile	Cert& Eval	Comp. Qtrtrs	99th Percentile	Cert& Eval	Comp. Qtrtrs	99th Percentile	Cert& Eval	Design Value	Valid Ind.
54-009-0005	FOLLANSBEE - MAHAN LANE	4	143		4	131		4	82		119	Y
54-009-0007	MCKIMS RIDGE ROAD - CROSS C	4	75		4	92		4	81		83	Y
54-009-0011	WEIRTON - MARLAND HEIGHTS E	2	235 *		4	143		4	143		174	N
54-009-6000	STATE TOUTE 2, BOX27A, BEEC	4	46								46	N

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
 2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
 3. Annual Values not meeting completeness criteria are marked with an asterisk ('*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Feb. 12, 2018

Pollutant: Sulfur dioxide(42401)
Standard Units: Parts per billion(008)
NAAQS Standard: SO2 1-hour 2010
Statistic: Annual 99th Percentile

Design Value Year: 2012

REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.

Level: 75 **State Name:** Ohio

Site ID	STREET ADDRESS	2012			2011			2010			3-Year	
		Comp. Qtrrs	99th Percentile	Cert& Eval	Comp. Qtrrs	99th Percentile	Cert& Eval	Comp. Qtrrs	99th Percentile	Cert& Eval	Design Value	Valid Ind.
39-081-0017	618 LOGAN ST.	4	92	Y	4	114		4	127		111	Y
39-081-0018	3487 COUNTY RD. 19	4	37		4	55					46	N
39-081-0020	1469 3rd ST.	4	28		4	43					36	N

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
 2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
 3. Annual Values not meeting completeness criteria are marked with an asterisk ('*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Feb. 12, 2018

Pollutant: Sulfur dioxide(42401)
Standard Units: Parts per billion(008)
NAAQS Standard: SO2 1-hour 2010
Statistic: Annual 99th Percentile

Design Value Year: 2012
REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.

Level: 75 **State Name:** West Virginia

Site ID	STREET ADDRESS	2012			2011			2010			3-Year	
		Comp. Qtrtrs	99th Percentile	Cert& Eval	Comp. Qtrtrs	99th Percentile	Cert& Eval	Comp. Qtrtrs	99th Percentile	Cert& Eval	Design Value	Valid Ind.
54-009-0005	FOLLANSBEE - MAHAN LANE	4	71	Y	4	143		4	131		115	Y
54-009-0007	MCKIMS RIDGE ROAD - CROSS C	4	71	Y	4	75		4	92		79	Y
54-009-0011	WEIRTON - MARLAND HEIGHTS E	4	117	Y	2	235 *		4	143		165	N
54-009-6000	STATE TOUTE 2, BOX27A, BEEC	4	28	N	4	46					37	N

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
 2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
 3. Annual Values not meeting completeness criteria are marked with an asterisk ('*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Feb. 12, 2018

Pollutant: Sulfur dioxide(42401)

Design Value Year: 2013

Standard Units: Parts per billion(008)

REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.

NAAQS Standard: SO2 1-hour 2010

Statistic: Annual 99th Percentile

Level: 75

State Name: Ohio

Site ID	STREET ADDRESS	2013			2012			2011			3-Year	
		Comp. Qtrrs	99th Percentile	Cert& Eval	Comp. Qtrrs	99th Percentile	Cert& Eval	Comp. Qtrrs	99th Percentile	Cert& Eval	Design Value	Valid Ind.
39-081-0017	618 LOGAN ST.	4	37		4	92	Y	4	114		81	Y
39-081-0018	3487 COUNTY RD. 19	4	52		4	37		4	55		48	Y
39-081-0020	1469 3rd ST.	4	33		4	28		4	43		35	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
 2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
 3. Annual Values not meeting completeness criteria are marked with an asterisk ('*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Feb. 12, 2018

Pollutant: Sulfur dioxide(42401)

Design Value Year: 2013

Standard Units: Parts per billion(008)

REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.

NAAQS Standard: SO2 1-hour 2010

Statistic: Annual 99th Percentile

Level: 75

State Name: West Virginia

Site ID	STREET ADDRESS	2013			2012			2011			3-Year	
		Comp. Qtrrs	99th Percentile	Cert& Eval	Comp. Qtrrs	99th Percentile	Cert& Eval	Comp. Qtrrs	99th Percentile	Cert& Eval	Design Value	Valid Ind.
54-009-0005	FOLLANSBEE - MAHAN LANE	4	49		4	71	Y	4	143		88	Y
54-009-0007	MCKIMS RIDGE ROAD - CROSS C	4	31		4	71	Y	4	75		59	Y
54-009-0011	WEIRTON - MARLAND HEIGHTS E	4	62		4	117	Y	2	235 *		138	N
54-009-6000	STATE TOUTE 2, BOX27A, BEEC	4	21		4	28	N	4	46		32	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
 2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
 3. Annual Values not meeting completeness criteria are marked with an asterisk ('*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Feb. 12, 2018

Pollutant: Sulfur dioxide(42401)
Standard Units: Parts per billion(008)
NAAQS Standard: SO2 1-hour 2010
Statistic: Annual 99th Percentile

Design Value Year: 2014
REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.
State Name: Ohio

Site ID	STREET ADDRESS	2014			2013			2012			3-Year	
		Comp. Qtrs	99th Percentile	Cert& Eval	Comp. Qtrs	99th Percentile	Cert& Eval	Comp. Qtrs	99th Percentile	Cert& Eval	Design Value	Valid Ind.
39-081-0017	618 LOGAN ST.	4	30	S	4	37		4	92	Y	53	Y
39-081-0018	3487 COUNTY RD. 19	4	38		4	52		4	37		42	Y
39-081-0020	1469 3rd ST.	4	24		4	33		4	28		28	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
 2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
 3. Annual Values not meeting completeness criteria are marked with an asterisk ('*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Feb. 12, 2018

Pollutant: Sulfur dioxide(42401)
Standard Units: Parts per billion(008)
NAAQS Standard: SO2 1-hour 2010
Statistic: Annual 99th Percentile

Design Value Year: 2014
REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.
State Name: West Virginia

Site ID	STREET ADDRESS	2014			2013			2012			3-Year	
		Comp. Qtrtrs	99th Percentile	Cert& Eval	Comp. Qtrtrs	99th Percentile	Cert& Eval	Comp. Qtrtrs	99th Percentile	Cert& Eval	Design Value	Valid Ind.
54-009-0005	FOLLANSBEE - MAHAN LANE	4	33	Y	4	49		4	71	Y	51	Y
54-009-0007	MCKIMS RIDGE ROAD - CROSS C	4	32	Y	4	31		4	71	Y	45	Y
54-009-0011	WEIRTON - MARLAND HEIGHTS E	4	48	Y	4	62		4	117	Y	76	Y
54-009-6000	STATE TOUTE 2, BOX27A, BEEC	4	20		4	21		4	28	N	23	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
 2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
 3. Annual Values not meeting completeness criteria are marked with an asterisk ('*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Feb. 12, 2018

Pollutant: Sulfur dioxide(42401)
Standard Units: Parts per billion(008)
NAAQS Standard: SO2 1-hour 2010
Statistic: Annual 99th Percentile

Design Value Year: 2015
REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.
Level: 75 **State Name:** Ohio

Site ID	STREET ADDRESS	2015			2014			2013			3-Year	
		Comp. Qtrrs	99th Percentile	Cert& Eval	Comp. Qtrrs	99th Percentile	Cert& Eval	Comp. Qtrrs	99th Percentile	Cert& Eval	Design Value	Valid Ind.
39-081-0017	618 LOGAN ST.	4	29	Y	4	30	S	4	37		32	Y
39-081-0018	3487 COUNTY RD. 19	4	50	Y	4	38		4	52		47	Y
39-081-0020	1469 3rd ST.	4	23	Y	4	24		4	33		27	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
 2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
 3. Annual Values not meeting completeness criteria are marked with an asterisk ('*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Feb. 12, 2018

Pollutant: Sulfur dioxide(42401)
Standard Units: Parts per billion(008)
NAAQS Standard: SO2 1-hour 2010
Statistic: Annual 99th Percentile

Design Value Year: 2015
REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.

Level: 75 **State Name:** West Virginia

Site ID	STREET ADDRESS	2015			2014			2013			3-Year	
		Comp. Qtrtrs	99th Percentile	Cert& Eval	Comp. Qtrtrs	99th Percentile	Cert& Eval	Comp. Qtrtrs	99th Percentile	Cert& Eval	Design Value	Valid Ind.
54-009-0005	FOLLANSBEE - MAHAN LANE	4	49	Y	4	33	Y	4	49		44	Y
54-009-0007	MCKIMS RIDGE ROAD - CROSS C	4	26	Y	4	32	Y	4	31		30	Y
54-009-0011	WEIRTON - MARLAND HEIGHTS E	4	35	Y	4	48	Y	4	62		48	Y
54-009-6000	STATE TOUTE 2, BOX27A, BEEC	4	27		4	20		4	21		23	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
 2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
 3. Annual Values not meeting completeness criteria are marked with an asterisk ('*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Feb. 12, 2018

Pollutant: Sulfur dioxide(42401)
Standard Units: Parts per billion(008)
NAAQS Standard: SO2 1-hour 2010
Statistic: Annual 99th Percentile

Design Value Year: 2016
REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.
Level: 75 **State Name:** Ohio

Site ID	STREET ADDRESS	2016			2015			2014			3-Year	
		Comp. Qtrrs	99th Percentile	Cert& Eval	Comp. Qtrrs	99th Percentile	Cert& Eval	Comp. Qtrrs	99th Percentile	Cert& Eval	Design Value	Valid Ind.
39-081-0017	618 LOGAN ST.	4	27	S	4	29	Y	4	30	S	29	Y
39-081-0018	3487 COUNTY RD. 19	4	31	S	4	50	Y	4	38		40	Y
39-081-0020	1469 3rd ST.	4	20	S	4	23	Y	4	24		22	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
 2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
 3. Annual Values not meeting completeness criteria are marked with an asterisk ('*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Feb. 12, 2018

Pollutant: Sulfur dioxide(42401)
Standard Units: Parts per billion(008)
NAAQS Standard: SO2 1-hour 2010
Statistic: Annual 99th Percentile

Design Value Year: 2016
REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.
State Name: West Virginia

Level: 75

Site ID	STREET ADDRESS	2016			2015			2014			3-Year	
		Comp. Qtrtrs	99th Percentile	Cert& Eval	Comp. Qtrtrs	99th Percentile	Cert& Eval	Comp. Qtrtrs	99th Percentile	Cert& Eval	Design Value	Valid Ind.
54-009-0005	FOLLANSBEE - MAHAN LANE	4	33		4	49	Y	4	33	Y	38	Y
54-009-0007	MCKIMS RIDGE ROAD - CROSS C	4	39		4	26	Y	4	32	Y	32	Y
54-009-0011	WEIRTON - MARLAND HEIGHTS E	4	49		4	35	Y	4	48	Y	44	Y
54-009-6000	STATE TOUTE 2, BOX27A, BEEC	4	40		4	27		4	20		29	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
 2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
 3. Annual Values not meeting completeness criteria are marked with an asterisk ('*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Feb. 12, 2018

Pollutant: Sulfur dioxide(42401)
Standard Units: Parts per billion(008)
NAAQS Standard: SO2 1-hour 2010
Statistic: Annual 99th Percentile

Design Value Year: 2017
REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.
Level: 75 **State Name:** Ohio

Site ID	STREET ADDRESS	2017			2016			2015			3-Year	
		Comp. Qtrtrs	99th Percentile	Cert& Eval	Comp. Qtrtrs	99th Percentile	Cert& Eval	Comp. Qtrtrs	99th Percentile	Cert& Eval	Design Value	Valid Ind.
39-081-0017	618 LOGAN ST.	4	18		4	27	S	4	29	Y	25	Y
39-081-0018	3487 COUNTY RD. 19	4	34		4	31	S	4	50	Y	38	Y
39-081-0020	1469 3rd ST.	4	13		4	20	S	4	23	Y	19	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
 2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
 3. Annual Values not meeting completeness criteria are marked with an asterisk ('*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Feb. 12, 2018

Pollutant: Sulfur dioxide(42401)
Standard Units: Parts per billion(008)
NAAQS Standard: SO2 1-hour 2010
Statistic: Annual 99th Percentile

Design Value Year: 2017
REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.
State Name: West Virginia

Level: 75

Site ID	STREET ADDRESS	2017			2016			2015			3-Year	
		Comp. Qtrtrs	99th Percentile	Cert& Eval	Comp. Qtrtrs	99th Percentile	Cert& Eval	Comp. Qtrtrs	99th Percentile	Cert& Eval	Design Value	Valid Ind.
54-009-0005	FOLLANSBEE - MAHAN LANE	4	28		4	33		4	49	Y	37	Y
54-009-0007	MCKIMS RIDGE ROAD - CROSS C	4	23		4	39		4	26	Y	29	Y
54-009-0011	WEIRTON - MARLAND HEIGHTS E	4	27		4	49		4	35	Y	37	Y
54-009-6000	STATE TOUTE 2, BOX27A, BEEC	4	27		4	40		4	27		31	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
 2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
 3. Annual Values not meeting completeness criteria are marked with an asterisk ('*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Feb. 12, 2018

CERTIFICATION EVALUATION AND CONCURRENCE FLAG MEANINGS

FLAG	MEANING
M	The monitoring organization has revised data from this monitor since the most recent certification letter received from the state.
N	The certifying agency has submitted the certification letter and required summary reports, but the certifying agency and/or EPA has determined that issues regarding the quality of the ambient concentration data cannot be resolved due to data completeness, the lack of performed quality assurance checks or the results of uncertainty statistics shown in the AMP255 report or the certification and quality assurance report.
S	The certifying agency has submitted the certification letter and required summary reports. A value of "S" conveys no Regional assessment regarding data quality per se. This flag will remain until the Region provides an "N" or "Y" concurrence flag.
U	Uncertified. The certifying agency did not submit a required certification letter and summary reports for this monitor even though the due date has passed, or the state's certification letter specifically did not apply the certification to this monitor.
X	Certification is not required by 40 CFR 58.15 and no conditions apply to be the basis for assigning another flag value
Y	The certifying agency has submitted a certification letter, and EPA has no unresolved reservations about data quality (after reviewing the letter, the attached summary reports, the amount of quality assurance data submitted to AQS, the quality statistics, and the highest reported concentrations).

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
 2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
 3. Annual Values not meeting completeness criteria are marked with an asterisk ('*').

User ID: FKQ

DESIGN VALUE REPORT

Report Request ID: 1747321

Report Code: AMP480

May. 16, 2019

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region
	54	009	0005								
	54	009	0007								
	54	009	0011								
	54	009	6000								
	39	081	0017								
	39	081	0018								
	39	081	0020								

PROTOCOL SELECTIONS

Parameter Classification	Parameter	Method	Duration
DESIGN VALUE	42401		

SELECTED OPTIONS

Option Type	Option Value
SINGLE EVENT PROCESSING	EXCLUDE REGIONALLY CONCURRED EVENTS
MERGE PDF FILES	YES
AGENCY ROLE	PQAO
USER SITE METADATA	STREET ADDRESS
QUARTERLY DATA IN WORKFILE	NO
WORKFILE DELIMITER	,
USE LINKED SITES	YES

DATE CRITERIA

Start Date	End Date
2018	2018

APPLICABLE STANDARDS

Standard Description
SO2 1-hour 2010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
PRELIMINARY DESIGN VALUE REPORT

Report Date: May. 16, 2019

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
 2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
 3. Annual Values not meeting completeness criteria are marked with an asterisk ('*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 PRELIMINARY DESIGN VALUE REPORT

Report Date: May. 16, 2019

Pollutant: Sulfur dioxide(42401)
Standard Units: Parts per billion(008)
NAAQS Standard: SO2 1-hour 2010
Statistic: Annual 99th Percentile

Design Value Year: 2018

REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.

Level: 75 **State Name:** Ohio

Site ID	STREET ADDRESS	2018			2017			2016			3-Year	
		Comp. Qtrrs	99th Percentile	Cert& Eval	Comp. Qtrrs	99th Percentile	Cert& Eval	Comp. Qtrrs	99th Percentile	Cert& Eval	Design Value	Valid Ind.
39-081-0017	618 LOGAN ST.	4	34	S	4	18	S	4	27	S	26	Y
39-081-0018	3487 COUNTY RD. 19	4	9	S	4	34	S	4	31	S	25	Y
39-081-0020	1469 3rd ST.	4	8	S	4	13	S	4	20	S	14	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
 2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
 3. Annual Values not meeting completeness criteria are marked with an asterisk ('*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 PRELIMINARY DESIGN VALUE REPORT

Report Date: May. 16, 2019

Pollutant: Sulfur dioxide(42401)
Standard Units: Parts per billion(008)
NAAQS Standard: SO2 1-hour 2010
Statistic: Annual 99th Percentile

Design Value Year: 2018
REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.
State Name: West Virginia

Level: 75

Site ID	STREET ADDRESS	2018			2017			2016			3-Year	
		Comp. Qtrtrs	99th Percentile	Cert& Eval	Comp. Qtrtrs	99th Percentile	Cert& Eval	Comp. Qtrtrs	99th Percentile	Cert& Eval	Design Value	Valid Ind.
54-009-0005	FOLLANSBEE - MAHAN LANE	4	48	S	4	28	Y	4	33	Y	36	Y
54-009-0007	MCKIMS RIDGE ROAD - CROSS C	4	24	S	4	23	Y	4	39	Y	29	Y
54-009-0011	WEIRTON - MARLAND HEIGHTS E	4	35	S	4	27	Y	4	49	Y	37	Y
54-009-6000	STATE TOUTE 2, BOX27A, BEEC	4	19		4	27	N	4	40	Y	29	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
 2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
 3. Annual Values not meeting completeness criteria are marked with an asterisk ('*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 PRELIMINARY DESIGN VALUE REPORT

Report Date: May. 16, 2019

CERTIFICATION EVALUATION AND CONCURRENCE FLAG MEANINGS

FLAG	MEANING
M	The monitoring organization has revised data from this monitor since the most recent certification letter received from the state.
N	The certifying agency has submitted the certification letter and required summary reports, but the certifying agency and/or EPA has determined that issues regarding the quality of the ambient concentration data cannot be resolved due to data completeness, the lack of performed quality assurance checks or the results of uncertainty statistics shown in the AMP255 report or the certification and quality assurance report.
S	The certifying agency has submitted the certification letter and required summary reports. A value of "S" conveys no Regional assessment regarding data quality per se. This flag will remain until the Region provides an "N" or "Y" concurrence flag.
U	Uncertified. The certifying agency did not submit a required certification letter and summary reports for this monitor even though the due date has passed, or the state's certification letter specifically did not apply the certification to this monitor.
X	Certification is not required by 40 CFR 58.15 and no conditions apply to be the basis for assigning another flag value
Y	The certifying agency has submitted a certification letter, and EPA has no unresolved reservations about data quality (after reviewing the letter, the attached summary reports, the amount of quality assurance data submitted to AQS, the quality statistics, and the highest reported concentrations).

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
 2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
 3. Annual Values not meeting completeness criteria are marked with an asterisk ('*').