

User ID: GYE

DESIGN VALUE REPORT

Report Request ID: 1307682

Report Code: AMP480

Mar. 16, 2015

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region
	39	085									
	39	115									
	39	081	0017								
	54	009									
	21	037	3002								

PROTOCOL SELECTIONS

Parameter Classification	Parameter	Method	Duration
DESIGN VALUE	42401		

SELECTED OPTIONS

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

DATE CRITERIA

Start Date	End Date
2010	2014

APPLICABLE STANDARDS

Standard Description
SO2 1-hour 2010

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

Report Date: Mar. 16, 2015

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

Report Date: Mar. 16, 2015

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: Kentucky

<u>Site ID</u>	<u>STREET ADDRESS</u>	2010			2009			2008			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>
21-037-3002	524A JOHN'S HILL ROAD	4	99		4	60		4	52		70	Y

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Pollutant: Sulfur dioxide(42401)

Design Value Year: 2010

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	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.
39-081-0017	618 LOGAN ST.	4	127		4	85		4	135		116	Y
39-085-0003	36010 LAKESHORE	4	31		4	37		4	42		37	Y
39-085-0007	177 MAIN STREET	4	139		4	186					163	N
39-085-3002	71 E HIGH							4	164		164	N
39-115-0004	S.R. 83	4	167		4	198		4	220		195	Y

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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

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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: Kentucky

<u>Site ID</u>	<u>STREET ADDRESS</u>	2011			2010			2009			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>
21-037-3002	524A JOHN'S HILL ROAD	4	109		4	99		4	60		89	Y

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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
39-085-0003	36010 LAKESHORE	4	32		4	31		4	37		33	Y
39-085-0007	177 MAIN STREET	4	145		4	139		4	186		157	Y
39-115-0004	S.R. 83	4	175		4	167		4	198		180	Y

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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. 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	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

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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: Kentucky

<u>Site ID</u>	<u>STREET ADDRESS</u>	2012			2011			2010			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>
21-037-3002	524A JOHN'S HILL ROAD	4	85	Y	4	109		4	99		98	Y

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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
39-085-0003	36010 LAKESHORE	4	38	Y	4	32		4	31		34	Y
39-085-0007	177 MAIN STREET	4	163	Y	4	145		4	139		149	Y
39-115-0004	S.R. 83	4	142	Y	4	175		4	167		161	Y

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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. 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	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

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NAAQS Standard: SO2 1-hour 2010
Statistic: Annual 99th Percentile

Design Value Year: 2013

REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.

Level: 75

State Name: Kentucky

<u>Site ID</u>	<u>STREET ADDRESS</u>	2013			2012			2011			3-Year	
		<u>Comp. Qtrs</u>	<u>99th Percentile</u>	<u>Cert& Eval</u>	<u>Comp. Qtrs</u>	<u>99th Percentile</u>	<u>Cert& Eval</u>	<u>Comp. Qtrs</u>	<u>99th Percentile</u>	<u>Cert& Eval</u>	<u>Design Value</u>	<u>Valid Ind.</u>
21-037-3002	524A JOHN'S HILL ROAD	4	71	Y	4	85	Y	4	109		88	Y

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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
39-085-0003	36010 LAKESHORE	4	32		4	38	Y	4	32		34	Y
39-085-0007	177 MAIN STREET	4	119		4	163	Y	4	145		142	Y
39-115-0004	S.R. 83	4	124		4	142	Y	4	175		147	Y

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Statistic: Annual 99th Percentile

Design Value Year: 2013

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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

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Design Value Year: 2014

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Level: 75

State Name: Kentucky

<u>Site ID</u>	<u>STREET ADDRESS</u>	2014			2013			2012			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>
21-037-3002	524A JOHN'S HILL ROAD	4	61	Y	4	71	Y	4	85	Y	72	Y

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Design Value Year: 2014

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Level: 75 **State Name:** Ohio

Site ID	STREET ADDRESS	2014			2013			2012			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	30	M	4	37		4	92	Y	53	Y
39-085-0003	36010 LAKESHORE	4	33	M	4	32		4	38	Y	34	Y
39-085-0007	177 MAIN STREET	4	72	M	4	119		4	163	Y	118	Y
39-115-0004	S.R. 83	4	148	M	4	124		4	142	Y	138	Y

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Level: 75

State Name: West Virginia

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		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	33		4	49		4	71	Y	51	Y
54-009-0007	MCKIMS RIDGE ROAD - CROSS C	4	32		4	31		4	71	Y	45	Y
54-009-0011	WEIRTON - MARLAND HEIGHTS E	4	48		4	62		4	117	Y	76	Y
54-009-6000	STATE TOUTE 2, BOX27A, BEEC	4	20		4	21		4	28	N	23	Y

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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).

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