

Air Quality Resource Center

Ozone Data Sharing Project  
OZONE ONE-HOUR MAXIMUM CONCENTRATION BY MONITOR  
St. Louis Area (Missouri-Illinois)  
(By Week)  
Measured in Parts per Billion  
April 2011

April 1-2, 2011

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
						4-1	4-2
<b>Missouri</b>							
Arnold West						50	56
West Alton						43	50
Orchard Farm						48	53
Maryland Heights						50	54
Pacific						44	52
Blair St.						42	52
<b>Illinois</b>							
Wood River						47	53
Maryville						41	48
Alton						47	51
East St. Louis						40	51
Jerseyville						46	53

*Based on Information Received by EWGCOG  
This is unofficial data which has not undergone quality assurance/quality control by US  
Environmental Protection Agency.*

Air Quality Resource Center

**Ozone Data Sharing Project**  
**OZONE ONE-HOUR MAXIMUM CONCENTRATION BY MONITOR**  
**St. Louis Area (Missouri-Illinois)**  
**(By Week)**  
**Measured in Parts per Billion**  
**April, 2011**

**April 3-9, 2011**

MONITORS	DATE						
	Sun 4-3	Mon 4-4	Tues 4-5	Weds 4-6	Thurs 4-7	Fri 4-8	Sat 4-9
<b>Missouri</b>							
Arnold West	62	41	55	68	60	63	58
West Alton	55	40	49	62	57	50	65
Orchard Farm	54	43	52	62	54	48	68
Maryland Heights	56	39	53	63	52	48	57
Pacific	52	38	51	62	51	54	49
Blair St.	51	37	49	61	52	49	54
<b>Illinois</b>							
Wood River	54	42	52	65	56	50	60
Maryville	49	36	51	65	57	50	54
Alton	52	40	52	61	52	45	58
East St. Louis	51	35	50	62	53	47	51
Jerseyville	52	39	47	59	49	45	50

Based on Information Received by EWGCC

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Environment

Air Quality Resource Center

Ozone Data Sharing Project  
OZONE ONE-HOUR MAXIMUM CONCENTRATION BY MONITOR  
St. Louis Area (Missouri-Illinois)  
(By Week)  
Measured in Parts per Billion  
April, 2011

April 10-16, 2011

MONITORS	DATE						
	Sun 4-10	Mon 4-11	Tues 4-12	Weds 4-13	Thurs 4-14	Fri 4-15	Sat 4-16
<b>Missouri</b>							
Arnold West	40	45	59	69	72	NA	NA
West Alton	40	45	56	70	69	60	44
Orchard Farm	42	78	NA	66	72	62	45
Maryland Heights	38	46	57	65	66	56	44
Pacific	36	43	56	64	65	57	44
Blair St.	36	43	51	59	58	53	42
<b>Illinois</b>							
Wood River	40	46	58	69	66	55	42
Maryville	35	44	55	64	62	52	38
Alton	39	NA	NA	NA	NA	41	41
East St. Louis	33	39	54	65	59	49	38
Jerseyville	41	44	54	63	69	52	40

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Environment

Air Quality Resource Center

Ozone Data Sharing Project  
OZONE ONE-HOUR MAXIMUM CONCENTRATION BY MONITOR  
St. Louis Area (Missouri-Illinois)  
(By Week)  
Measured in Parts per Billion  
April, 2011

April 17-23, 2011

MONITORS	DATE						
	Sun 4-17	Mon 4-18	Tues 4-19	Weds 4-20	Thurs 4-21	Fri 4-22	Sat 4-23
<b>Missouri</b>							
Arnold West	NA	NA	50	44	49	39	40
West Alton	59	52	48	43	52	47	50
Orchard Farm	60	54	52	43	50	42	55
Maryland Heights	57	57	44	41	48	37	46
Pacific	59	64	43	38	46	40	40
Blair St.	53	59	41	39	41	41	36
<b>Illinois</b>							
Wood River	58	51	40	42	48	46	51
Maryville	52	61	NA	40	49	39	NA
Alton	57	47	36	41	47	39	47
East St. Louis	52	57	38	36	44	39	35
Jerseyville	55	43	38	42	45	34	44

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Air Quality Resource Center

Ozone Data Sharing Project  
OZONE ONE-HOUR MAXIMUM CONCENTRATION BY MONITOR  
St. Louis Area (Missouri-Illinois)  
(By Week)  
Measured in Parts per Billion  
April, 2011

April 24 - April 30, 2011

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
	4-24	4-25	4-26	4-27	4-28	4-29	4-30
<b>Missouri</b>							
Arnold West	25	42	42	36	59	58	60
West Alton	27	41	45	39	55	56	60
Orchard Farm	29	42	41	40	54	58	58
Maryland Heights	22	35	41	36	53	54	56
Pacific	19	35	41	33	54	54	54
Blair St.	20	34	39	33	50	43	55
<b>Illinois</b>							
Wood River	28	39	42	38	56	53	59
Maryville	26	37	39	33	0	0	9
Alton	26	37	42	38	52	50	56
East St. Louis	21	35	33	29	45	47	52
Jerseyville	26	34	40	36	51	50	57

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Air Quality Resource Center

**Ozone Data Sharing Project**  
**OZONE ONE-HOUR MAXIMUM CONCENTRATION BY MONITOR**  
**St. Louis Area (Missouri-Illinois)**  
**(By Week)**  
**Measured in Parts per Billion**  
**May, 2011**

**May 1-7, 2011**

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
	5-1	5-2	5-3	5-4	5-5	5-6	5-7
<b>Missouri</b>							
Arnold West	47	19	52	53	57	52	60
West Alton	50	39	51	48	57	54	62
Orchard Farm	50	41	51	48	58	51	59
Maryland Heights	47	36	51	48	55	52	59
Pacific	45	23	50	44	53	51	55
Blair St.	47	26	50	43	51	49	56
<b>Illinois</b>							
Wood River	54	37	53	47	55	53	63
Maryville	NA	NA	57	45	50	52	55
Alton	51	35	49	45	53	52	57
East St. Louis	43	20	48	44	50	50	51
Jerseyville	47	37	50	46	53	49	56

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Air Quality Resource Center

Ozone Data Sharing Project  
OZONE ONE-HOUR MAXIMUM CONCENTRATION BY MONITOR  
St. Louis Area (Missouri-Illinois)  
(By Week)  
Measured in Parts per Billion  
May, 2011

May 8-14, 2011

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
	5-8	5-9	5-10	5-11	5-12	5-13	5-14
<b>Missouri</b>							
Arnold West	75	48	41	48	57	36	17
West Alton	54	51	41	63	67	68	14
Orchard Farm	56	51	41	59	62	67	17
Maryland Heights	70	44	36	48	61	63	17
Pacific	73	43	31	41	54	48	15
Blair St.	55	45	32	49	59	59	13
<b>Illinois</b>							
Wood River	57	43	35	59	64	67	15
Maryville	51	45	36	54	66	68	18
Alton	40	NA	NA	NA	NA	57	9
East St. Louis	58	42	33	45	56	56	13
Jerseyville	53	44	36	52	56	67	13

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Air Quality Resource Center

Ozone Data Sharing Project  
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St. Louis Area (Missouri-Illinois)  
(By Week)  
Measured in Parts per Billion  
May, 2011

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May 15-21, 2011

MONITORS	DATE						
	Sun 5-15	Mon 5-16	Tues 5-17	Weds 5-18	Thurs 5-19	Fri 5-20	Sat 5-21
<b>Missouri</b>							
Arnold West	35	54	46	59	39	59	50
West Alton	40	50	46	52	45	68	61
Orchard Farm	41	52	47	52	47	67	55
Maryland Heights	38	52	46	54	40	57	48
Pacific	34	48	46	53	35	56	44
Blair St.	34	47	41	45	36	54	51
<b>Illinois</b>							
Wood River	38	51	45	50	42	61	60
Maryville	37	50	44	53	40	57	49
Alton	36	48	44	48	36	55	55
East St. Louis	35	47	42	46	40	53	46
Jerseyville	38	48	44	51	45	63	56

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**St. Louis Area (Missouri-Illinois)**  
**(By Week)**  
**Measured in Parts per Billion**  
**May, 2011**

**May 22-28, 2011**

MONITORS	DATE						
	Sun 5-22	Mon 5-23	Tues 5-24	Weds 5-25	Thurs 5-26	Fri 5-27	Sat 5-28
<b>Missouri</b>							
Arnold West	46	47	61	54	29	43	50
West Alton	51	55	76	66	34	50	40
Orchard Farm	48	59	88	64	34	53	38
Maryland Heights	45	49	70	53	30	48	40
Pacific	39	44	51	51	28	48	39
Blair St.	43	46	59	54	29	44	40
<b>Illinois</b>							
Wood River	46	53	72	60	32	47	42
Maryville	41	48	60	52	30	44	38
Alton	43	45	64	54	29	41	34
East St. Louis	38	42	55	45	26	40	38
Jerseyville	44	52	82	60	31	43	32

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**OZONE ONE-HOUR MAXIMUM CONCENTRATION BY MONITOR**  
**St. Louis Area (Missouri-Illinois)**  
**(By Week)**  
**Measured in Parts per Billion**  
**June, 2011**

**May 29 - June 4, 2011**

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
	5-29	5-30	5-31	6-01	6-02	6-03	6-04
<b>Missouri</b>							
Arnold West	55	52	37	91	83	66	56
West Alton	61	56	45	91	84	92	65
Orchard Farm	51	52	38	78	85	77	61
Maryland Heights	52	48	34	95	76	62	51
Pacific	48	42	30	85	75	58	50
Blair St.	53	47	37	90	73	80	62
<b>Illinois</b>							
Wood River	59	53	42	89	78	94	60
Maryville	54	50	43	86	77	80	66
Alton	56	48	39	66	68	85	55
East St. Louis	51	44	36	93	75	69	71
Jerseyville	52	50	38	73	74	81	53

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OZONE ONE-HOUR MAXIMUM CONCENTRATION BY MONITOR  
St. Louis Area (Missouri-Illinois)  
(By Week)  
Measured in Parts per Billion  
June, 2011

June 5-11, 2011

MONITORS	DATE						
	Sun 6-05	Mon 6-06	Tues 6-07	Weds 6-08	Thurs 6-09	Fri 6-10	Sat 6-11
<b>Missouri</b>							
Arnold West	78	46	70	58	81	48	56
West Alton	75	77	80	68	105	65	59
Orchard Farm	77	79	73	67	99	61	54
Maryland Heights	72	53	63	52	84	57	50
Pacific	68	45	62	49	64	45	46
Blair St.	67	53	74	60	87	60	66
<b>Illinois</b>							
Wood River	69	81	88	79	87	63	52
Maryville	61	65	76	63	77	63	65
Alton	63	74	84	64	83	59	47
East St. Louis	60	55	67	54	83	50	58
Jerseyville	82	62	77	68	78	60	43

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Environment

Air Quality Resource Center

Ozone Data Sharing Project  
OZONE ONE-HOUR MAXIMUM CONCENTRATION BY MONITOR  
St. Louis Area (Missouri-Illinois)  
(By Week)  
Measured in Parts per Billion  
June, 2011

June 12-18, 2011

MONITORS	DATE						
	Sun 6-12	Mon 6-13	Tues 6-14	Weds 6-15	Thurs 6-16	Fri 6-17	Sat 6-18
<b>Missouri</b>							
Arnold West	63	55	64	69	52	49	59
West Alton	47	54	59	69	79	46	71
Orchard Farm	43	51	63	68	63	44	70
Maryland Heights	52	52	58	68	55	39	60
Pacific	65	47	55	63	46	44	52
Blair St.	48	49	55	64	66	41	61
<b>Illinois</b>							
Wood River	47	54	55	68	85	47	58
Maryville	47	54	50	67	66	47	54
Alton	40	48	45	50	67	31	55
East St. Louis	45	49	50	60	56	43	52
Jerseyville	45	49	59	64	74	38	70

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**OZONE ONE-HOUR MAXIMUM CONCENTRATION BY MONITOR**  
**St. Louis Area (Missouri-Illinois)**  
**(By Week)**  
**Measured in Parts per Billion**  
**June, 2011**

**June 19-25, 2011**

MONITORS	DATE						
	Sun 6-19	Mon 6-20	Tues 6-21	Weds 6-22	Thurs 6-23	Fri 6-24	Sat 6-25
<b>Missouri</b>							
Arnold West	72	46	51	53	42	57	55
West Alton	65	53	51	51	34	45	50
Orchard Farm	75	43	46	52	35	46	49
Maryland Heights	72	38	44	51	37	54	51
Pacific	51	33	38	50	40	52	54
Blair St.	60	40	46	50	37	54	47
<b>Illinois</b>							
Wood River	65	44	48	53	36	45	48
Maryville	53	44	45	52	34	47	45
Alton	48	39	37	48	31	43	44
East St. Louis	51	38	39	49	33	52	46
Jerseyville	66	53	45	54	32	44	48

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**Ozone Data Sharing Project**  
**OZONE ONE-HOUR MAXIMUM CONCENTRATION BY MONITOR**  
**St. Louis Area (Missouri-Illinois)**  
**(By Week)**  
**Measured in Parts per Billion**  
**June, 2011**

**June 26 - July 2, 2011**

MONITORS	DATE						
	Sun 6-26	Mon 6-27	Tues 6-28	Weds 6-29	Thurs 6-30	Fri 7-01	Sat 7-02
<b>Missouri</b>							
Arnold West	63	61	74	81	71	81	62
West Alton	62	54	49	79	87	101	80
Orchard Farm	66	55	49	83	87	87	55
Maryland Heights	63	53	57	80	72	65	73
Pacific	46	53	58	73	54	53	52
Blair St.	52	57	55	64	75	84	86
<b>Illinois</b>							
Wood River	57	57	53	75	77	93	84
Maryville	51	54	55	63	73	73	101
Alton	51	50	46	67	74	93	77
East St. Louis	49	50	61	61	64	80	81
Jerseyville	53	50	46	86	88	84	57

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**OZONE ONE-HOUR MAXIMUM CONCENTRATION BY MONITOR**  
**St. Louis Area (Missouri-Illinois)**  
**(By Week)**  
**Measured in Parts per Billion**  
**July, 2011**

**July 3-9, 2011**

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
	7-03	7-04	7-05	7-06	7-07	7-08	7-09
<b>Missouri</b>							
Arnold West	76	84	88	77	62	75	80
West Alton	57	47	67	83	81	64	79
Orchard Farm	55	51	63	65	68	54	75
Maryland Heights	54	56	83	74	57	56	75
Pacific	61	55	86	91	45	60	69
Blair St.	82	64	71	100	64	62	70
<b>Illinois</b>							
Wood River	NA	50	63	71	70	61	67
Maryville	72	61	62	75	59	60	63
Alton	54	47	57	68	69	57	67
East St. Louis	76	67	68	86	57	55	63
Jerseyville	48	44	57	59	79	52	82

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**OZONE ONE-HOUR MAXIMUM CONCENTRATION BY MONITOR**  
**St. Louis Area (Missouri-Illinois)**  
**(By Week)**  
**Measured in Parts per Billion**  
**July, 2011**

July 10-16, 2011

MONITORS	DATE						
	Sun 7-10	Mon 7-11	Tues 7-12	Weds 7-13	Thurs 7-14	Fri 7-15	Sat 7-16
<b>Missouri</b>							
Arnold West	57	71	78	80	67	77	91
West Alton	70	80	89	65	83	78	93
Orchard Farm	71	97	87	65	72	73	93
Maryland Heights	59	71	87	76	82	80	94
Pacific	42	70	56	79	79	76	81
Blair St.	68	101	110	67	68	72	87
<b>Illinois</b>							
Wood River	59	NA	103	57	66	66	83
Maryville	59	65	64	57	62	65	72
Alton	59	83	92	51	61	61	81
East St. Louis	51	86	91	62	61	65	74
Jerseyville	76	61	63	43	53	55	64

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**St. Louis Area (Missouri-Illinois)**  
**(By Week)**  
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**July, 2011**

July 17-23, 2011

MONITORS	DATE						
	Sun 7-17	Mon 7-18	Tues 7-19	Weds 7-20	Thurs 7-21	Fri 7-22	Sat 7-23
<b>Missouri</b>							
Arnold West	54	45	46	47	67	61	59
West Alton	74	NA	58	68	76	87	52
Orchard Farm	57	71	56	69	60	60	48
Maryland Heights	49	57	58	70	62	55	54
Pacific	39	38	41	45	57	45	51
Blair St.	56	65	80	68	87	65	58
<b>Illinois</b>							
Wood River	71	83	65	74	44	60	46
Maryville	52	71	71	80	93	65	62
Alton	68	74	59	66	79	91	76
East St. Louis	46	58	72	61	86	58	59
Jerseyville	72	58	45	62	54	104	81

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**St. Louis Area (Missouri-Illinois)**  
**(By Week)**  
**Measured in Parts per Billion**  
**July, 2011**

**July 24-30, 2011**

MONITORS	DATE						
	Sun 7/24	Mon 7/25	Tues 7/26	Weds 7-27	Thurs 7-28	Fri 7-29	Sat 7-30
<b>Missouri</b>							
Arnold West	59	119	77	66	54	85	57
West Alton	52	56	92	84	71	67	45
Orchard Farm	48	54	97	60	61	61	43
Maryland Heights	54	74	87	55	51	73	50
Pacific	51	97	73	49	48	83	46
Blair St.	58	96	92	66	62	92	53
<b>Illinois</b>							
Wood River	36	38	89	78	80	88	47
Maryville	69	58	88	70	68	103	48
Alton	55	55	95	77	75	76	43
East St. Louis	54	98	78	56	59	81	48
Jerseyville	48	51	97	71	64	55	52

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**OZONE ONE-HOUR MAXIMUM CONCENTRATION BY MONITOR**  
**St. Louis Area (Missouri-Illinois)**  
**(By Week)**  
**Measured in Parts per Billion**  
**August, 2011**

**July 31 - August 6, 2011**

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
	07-31	08-01	08-02	08-03	08-04	08-05	08-06
<b>Missouri</b>							
Arnold West	75	61	NA	62	62	64	55
West Alton	85	106	97	48	66	50	63
Orchard Farm	86	88	70	47	64	48	58
Maryland Heights	101	98	73	49	69	60	59
Pacific	79	68	51	NA	70	59	58
Blair St.	80	74	69	55	65	52	72
<b>Illinois</b>							
Wood River	77	97	83	51	63	53	72
Maryville	59	67	68	49	58	44	74
Alton	66	91	83	46	62	49	64
East St. Louis	68	66	64	53	59	41	61
Jerseyville	NA	109	75	46	66	52	57

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**OZONE ONE-HOUR MAXIMUM CONCENTRATION BY MONITOR**  
**St. Louis Area (Missouri-Illinois)**  
**(By Week)**  
**Measured in Parts per Billion**  
**August, 2011**

**August 7-13, 2011**

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
	08-07	08-08	08-09	08-10	08-11	08-12	08-13
<b>Missouri</b>							
Arnold West	68	48	58	45	63	69	59
West Alton	59	56	49	33	45	70	53
Orchard Farm	56	50	51	33	41	73	51
Maryland Heights	62	53	NA	NA	NA	72	56
Pacific	59	46	59	43	74	51	55
Blair St.	67	56	63	36	56	60	60
<b>Illinois</b>							
Wood River	63	62	54	36	46	61	54
Maryville	66	61	59	35	47	64	58
Alton	58	56	50	34	41	56	51
East St. Louis	65	46	57	32	51	56	56
Jerseyville	51	52	51	36	44	73	52

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Air Quality Resource Center

Ozone Data Sharing Project  
OZONE ONE-HOUR MAXIMUM CONCENTRATION BY MONITOR  
St. Louis Area (Missouri-Illinois)  
(By Week)  
Measured in Parts per Billion  
August, 2011

August 14-20, 2011

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
	08-14	08-15	08-16	08-17	08-18	08-19	08-20
<b>Missouri</b>							
Arnold West	48	61	64	81	104	74	48
West Alton	43	48	63	86	79	84	43
Orchard Farm	41	45	60	84	66	60	41
Maryland Heights	45	53	61	86	101	81	45
Pacific	44	57	48	66	84	67	44
Blair St.	45	51	54	72	119	90	45
<b>Illinois</b>							
Wood River	46	55	59	74	97	91	46
Maryville	44	62	59	62	87	82	44
Alton	42	50	55	68	82	84	42
East St. Louis	41	50	51	64	102	85	41
Jerseyville	44	46	64	82	58	60	44

Based on Information Received by EWGCC  
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Environmental Protection Agency.

Air Quality Resource Center

**Ozone Data Sharing Project**  
**OZONE ONE-HOUR MAXIMUM CONCENTRATION BY MONITOR**  
**St. Louis Area (Missouri-Illinois)**  
**(By Week)**  
**Measured in Parts per Billion**  
**August, 2011**

**August 21-27, 2011**

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
	08-21	08-22	08-23	08-24	08-25	08-26	08-27
<b>Missouri</b>							
Arnold West	56	56	58	55	60	53	79
West Alton	46	46	66	79	68	37	50
Orchard Farm	47	47	64	59	64	53	47
Maryland Heights	50	50	61	53	63	37	56
Pacific	50	50	70	48	57	44	57
Blair St.	55	55	52	65	64	40	62
<b>Illinois</b>							
Wood River	49	49	60	78	70	39	51
Maryville	60	60	52	64	71	40	56
Alton	45	45	55	75	65	36	46
East St. Louis	55	55	49	56	61	42	63
Jerseyville	47	47	73	59	60	37	46

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 Environmental Protection Agency.

Air Quality Resource Center

**Ozone Data Sharing Project**  
**OZONE ONE-HOUR MAXIMUM CONCENTRATION BY MONITOR**  
**St. Louis Area (Missouri-Illinois)**  
**(By Week)**  
**Measured in Parts per Billion**  
**August, 2011**

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**August 28-31, 2011**

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
	08-28	08-29	08-30	08-31			
<b>Missouri</b>							
Arnold West	60	57	72	70			
West Alton	42	52	68	83			
Orchard Farm	40	46	67	81			
Maryland Heights	46	71	77	72			
Pacific	52	71	68	66			
Blair St.	47	49	60	76			
<b>Illinois</b>							
Wood River	42	47	62	94			
Maryville	43	45	59	77			
Alton	38	44	57	85			
East St. Louis	46	51	60	71			
Jerseyville	39	NA	NA	NA			

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 Environmental Protection Agency.

Air Quality Resource Center

**Ozone Data Sharing Project**  
**OZONE ONE-HOUR MAXIMUM CONCENTRATION BY MONITOR**  
**St. Louis Area (Missouri-Illinois)**  
**(By Week)**  
**Measured in Parts per Billion**  
**September, 2011**

**September 1-3, 2011**

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
					9-01	9-02	9-03
<b>Missouri</b>							
Arnold West					73	63	67
West Alton					95	91	69
Orchard Farm					84	74	70
Maryland Heights					83	83	65
Pacific					72	64	60
Blair St.					83	78	74
<b>Illinois</b>							
Wood River					96	76	NA
Maryville					84	86	71
Alton					86	80	68
East St. Louis					74	72	65
Jerseyville					84	83	78

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Air Quality Resource Center

**Ozone Data Sharing Project**  
**OZONE ONE-HOUR MAXIMUM CONCENTRATION BY MONITOR**  
**St. Louis Area (Missouri-Illinois)**  
**(By Week)**  
**Measured in Parts per Billion**  
**September, 2011**

**September 4-10, 2011**

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
	9-04	9-05	9-06	9-07	9-08	9-09	9-10
<b>Missouri</b>							
Arnold West	36	36	42	49	48	28	34
West Alton	35	33	44	47	46	28	47
Orchard Farm	34	34	42	43	44	29	44
Maryland Heights	36	36	42	46	47	28	42
Pacific	36	36	41	48	47	32	33
Blair St.	34	34	39	45	44	28	41
<b>Illinois</b>							
Wood River	NA	NA	44	50	47	25	44
Maryville	35	35	41	51	47	23	38
Alton	34	32	41	46	44	25	40
East St. Louis	34	34	42	48	45	18	39
Jerseyville	35	36	44	45	45	24	41

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Air Quality Resource Center

**Ozone Data Sharing Project**  
**OZONE ONE-HOUR MAXIMUM CONCENTRATION BY MONITOR**  
**St. Louis Area (Missouri-Illinois)**  
**(By Week)**  
**Measured in Parts per Billion**  
**September, 2011**

September 11-17, 2011

MONITORS	DATE						
	Sun 9-11	Mon 9-12	Tues 9-13	Weds 9-14	Thurs 9-15	Fri 9-16	Sat 9-17
<b>Missouri</b>							
Arnold West	57	55	87	27	33	39	32
West Alton	48	65	74	31	34	38	41
Orchard Farm	47	59	67	28	34	33	32
Maryland Heights	51	57	84	28	33	36	35
Pacific	49	46	76	30	31	38	33
Blair St.	55	65	86	26	29	34	35
<b>Illinois</b>							
Wood River	47	77	74	32	34	39	41
Maryville	52	61	95	32	35	38	43
Alton	43	61	67	29	33	37	38
East St. Louis	56	60	94	22	33	37	37
Jerseyville	45	67	64	27	35	37	40

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Air Quality Resource Center

**Ozone Data Sharing Project**  
**OZONE ONE-HOUR MAXIMUM CONCENTRATION BY MONITOR**  
**St. Louis Area (Missouri-Illinois)**  
**(By Week)**  
**Measured in Parts per Billion**  
**September, 2011**

**September 18-24, 2011**

MONITORS	DATE						
	Sun 9-18	Mon 9-19	Tues 9-20	Weds 9-21	Thurs 9-22	Fri 9-23	Sat 9-24
<b>Missouri</b>							
Arnold West	22	32	52	41	18	19	40
West Alton	29	29	53	41	18	29	37
Orchard Farm	31	30	55	39	19	29	35
Maryland Heights	27	31	50	41	21	27	37
Pacific	25	33	49	39	23	21	36
Blair St.	27	30	50	40	18	25	38
<b>Illinois</b>							
Wood River	29	28	50	36	16	26	38
Maryville	29	26	46	41	19	24	38
Alton	26	26	44	35	16	27	35
East St. Louis	21	28	49	39	19	18	38
Jerseyville	31	25	48	39	21	38	35

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Environment

Air Quality Resource Center

Ozone Data Sharing Project  
OZONE ONE-HOUR MAXIMUM CONCENTRATION BY MONITOR  
St. Louis Area (Missouri-Illinois)  
(By Week)  
Measured in Parts per Billion  
September, 2011

September 25-October 1, 2011

MONITORS	DATE						
	Sun 9-25	Mon 9-26	Tues 9-27	Weds 9-28	Thurs 9-29	Fri 9-30	Sat 10-1
<b>Missouri</b>							
Arnold West	37	43	45	41	58	36	34
West Alton	40	43	41	46	59	35	37
Orchard Farm	39	42	44	45	59	36	36
Maryland Heights	40	43	45	45	55	36	36
Pacific	41	42	45	39	60	35	34
Blair St.	39	40	44	45	58	35	35
<b>Illinois</b>							
Wood River	41	41	43	45	57	36	38
Maryville	37	39	38	42	57	34	35
Alton	38	40	39	42	54	34	35
East St. Louis	37	40	41	41	54	33	35
Jerseyville	42	41	45	46	57	36	37

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Air Quality Resource Center

**Ozone Data Sharing Project**  
**OZONE ONE-HOUR MAXIMUM CONCENTRATION BY MONITOR**  
**St. Louis Area (Missouri-Illinois)**  
**(By Week)**  
**Measured in Parts per Billion**  
**October 2011**

**October 2-8, 2011**

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
	10-02	10-03	10-04	10-05	10-06	10-07	10-08
<b>Missouri</b>							
Arnold West	49	58	63	70	65	61	63
West Alton	43	49	68	73	67	70	69
Orchard Farm	42	50	62	73	68	66	71
Maryland Heights	45	55	67	72	70	69	69
Pacific	45	50	65	64	60	56	59
Blair St.	43	48	63	64	58	62	63
<b>Illinois</b>							
Wood River	45	53	62	72	65	61	66
Maryville	41	50	62	62	55	57	58
Alton	42	48	58	68	62	59	62
East St. Louis	38	49	64	68	58	57	59
Jerseyville	43	52	56	71	69	71	71

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Air Quality Resource Center

**Ozone Data Sharing Project**  
**OZONE ONE-HOUR MAXIMUM CONCENTRATION BY MONITOR**  
**St. Louis Area (Missouri-Illinois)**  
**(By Week)**  
**Measured in Parts per Billion**  
**October 2011**

**October 9-15, 2011**

MONITORS	DATE						
	Sun 10-9	Mon 10-10	Tues 10-11	Weds 10-12	Thurs 10-13	Fri 10-14	Sat 10-15
<b>Missouri</b>							
Arnold West	55	50	45	35	39	41	41
West Alton	56	55	56	37	36	38	39
Orchard Farm	58	54	50	35	39	39	39
Maryland Heights	61	53	53	35	40	42	41
Pacific	60	47	50	38	39	42	41
Blair St.	54	46	46	32	38	39	39
<b>Illinois</b>							
Wood River	54	53	53	38	40	39	39
Maryville	47	45	44	39	38	38	37
Alton	51	48	48	33	40	39	36
East St. Louis	52	46	47	31	29	27	24
Jerseyville	58	54	52	37	41	40	40

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Air Quality Resource Center

**Ozone Data Sharing Project**  
**OZONE ONE-HOUR MAXIMUM CONCENTRATION BY MONITOR**  
**St. Louis Area (Missouri-Illinois)**  
**(By Week)**  
**Measured in Parts per Billion**  
**October 2011**

**October 16-22, 2011**

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
	10-16	10-17	10-18	10-19	10-20	10-21	10-22
<b>Missouri</b>							
Arnold West	70	32	27	17	23	34	59
West Alton	62	36	29	20	23	36	57
Orchard Farm	65	35	25	20	23	35	59
Maryland Heights	70	32	26	21	24	36	61
Pacific	69	27	34	18	24	35	58
Blair St.	69	27	23	19	22	33	60
<b>Illinois</b>							
Wood River	67	37	27	20	23	35	55
Maryville	62	34	23	19	23	34	55
Alton	63	34	27	19	24	31	55
East St. Louis	44	0	0	0	21	32	53
Jerseyville	64	35	29	21	26	36	62

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Air Quality Resource Center

**Ozone Data Sharing Project**  
**OZONE ONE-HOUR MAXIMUM CONCENTRATION BY MONITOR**  
**St. Louis Area (Missouri-Illinois)**  
**(By Week)**  
**Measured in Parts per Billion**  
**October 2011**

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**October 23-29, 2011**

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
	10-23	10-24	10-25	10-26	10-27	10-28	10-29
<b>Missouri</b>							
Arnold West	60	46	53	14	33	41	40
West Alton	63	40	51	19	36	40	40
Orchard Farm	61	42	50	17	36	40	40
Maryland Heights	62	47	54	17	37	42	42
Pacific	58	45	53	15	37	41	40
Blair St.	59	41	45	12	29	38	39
<b>Illinois</b>							
Wood River	59	43	48	18	36	41	40
Maryville	57	39	45	15	35	39	38
Alton	58	41	46	17	35	38	37
East St. Louis	59	38	49	10	30	36	38
Jerseyville	66	44	53	18	37	42	41

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Environment

Air Quality Resource Center

Ozone Data Sharing Project  
OZONE ONE-HOUR MAXIMUM CONCENTRATION BY MONITOR  
St. Louis Area (Missouri-Illinois)  
(By Week)  
Measured in Parts per Billion  
October 2011

October 30-31, 2011

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
	10-30	10-31					
<b>Missouri</b>							
Arnold West	47	39					
West Alton	45	37					
Orchard Farm	44	38					
Maryland Heights	49	41					
Pacific	49	38					
Blair St.	42	35					
<b>Illinois</b>							
Wood River	40	37					
Maryville	41	35					
Alton	40	34					
East St. Louis	42	34					
Jerseyville	47	39					

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