

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 2010

April 1-3, 2010

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
					4-1	4-2	4-3
<b>Missouri</b>							
Arnold West					61	51	50
West Alton					62	53	49
Orchard Farm					61	50	49
Maryland Heights					59	49	51
Pacific					60	48	48
Blair St.					42	38	40
<b>Illinois</b>							
Wood River					40	36	39
Maryville					60	58	51
Alton					57	49	48
East St. Louis					48	44	43
Jerseyville					54	46	40

Based on Information Received by EWGCOG

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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, 2010**

April 4-10, 2010

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
	4-4	4-5	4-6	4-7	4-8	4-9	4-10
<b>Missouri</b>							
Arnold West	59	45	51	50	49	65	78
West Alton	60	44	49	47	47	65	79
Orchard Farm	55	40	45	50	47	63	74
Maryland Heights	57	40	48	52	49	64	74
Pacific	54	39	47	51	49	64	70
Blair St.	43	27	34	40	39	49	57
<b>Illinois</b>							
Wood River	40	35	41	45	47	59	66
Maryville	54	43	49	49	48	64	75
Alton	58	40	48	51	51	64	78
East St. Louis	50	35	41NA		46	51	52
Jerseyville	53	35	44	39	42	53	69

Based on Information Received by EWGCC

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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, 2010

April 11-17, 2010

MONITORS	DATE						
	Sun 4-11	Mon 4-12	Tues 4-13	Weds 4-14	Thurs 4-15	Fri 4-16	Sat 4-17
<b>Missouri</b>							
Arnold West	82	78	83	73	55	54	55
West Alton	80	79	89	80	61	45	55
Orchard Farm	77	79	87	70	56	46	55
Maryland Heights	83	77	83	65	56	50	55
Pacific	72	72	73	66	53	49	54
Blair St.	70	54	73	66	50	48	53
<b>Illinois</b>							
Wood River	66	62	67	61	40	36	51
Maryville	87	75	81	76	59	51	56
Alton	81	77	86	78	60	50	56
East St. Louis	59	52	NA	NA	53	48	52
Jerseyville	64	68	74	65	53	38	46

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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  
April, 2010

April 18-24, 2010

MONITORS	DATE						
	Sun 4-18	Mon 4-19	Tues 4-20	Weds 4-21	Thurs 4-22	Fri 4-23	Sat 4-24
<b>Missouri</b>							
Arnold West	60	52	65	68	66	44	51
West Alton	57	55	63	69	74	52	55
Orchard Farm	57	54	59	65	70	49	53
Maryland Heights	57	53	61	69	65	45	52
Pacific	56	53	63	66	61	40	49
Blair St.	56	51	56	65	57	36	47
<b>Illinois</b>							
Wood River	51	46	52	49	50	30	27
Maryville	59	56	62	69	68	47	52
Alton	59	56	67	67	71	47	54
East St. Louis	55	47	54	63	61	43	43
Jerseyville	48	44	51	56	60	41	47

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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  
April, 2010

April 25 - May 1, 2010

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
	4-25	4-26	4-27	4-28	4-29	4-30	5-1
<b>Missouri</b>							
Arnold West	37	40	51	51	63	42	56
West Alton	40	44	53	52	65	45	50
Orchard Farm	38	43	51	51	60	44	49
Maryland Heights	38	41	51	51	61	42	49
Pacific	34	35	46	48	60	40	49
Blair St.	39	41	47	44	56	33	49
<b>Illinois</b>							
Wood River	26	29	47	48	57	38	49
Maryville	38	43	52	53	62	40	56
Alton	40	46	54	51	65	43	52
East St. Louis	34	39	46	46	56	36	47
Jerseyville	32	36	44	46	59	38	40

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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  
 May, 2010

May 2-8, 2010

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
	5-2	5-3	5-4	5-5	5-6	5-7	5-8
<b>Missouri</b>							
Arnold West	55	55	59	69	57	62	41
West Alton	60	61	67	67	58	67	44
Orchard Farm	57	57	58	62	58	63	43
Maryland Heights	56	57	58	74	56	60	43
Pacific	54	53	57	65	55	57	38
Blair St.	56	53	55	75	47	54	41
<b>Illinois</b>							
Wood River	54	57	57	58	53	58	43
Maryville	64	63	61	86	58	67	46
Alton	60	61	67	66	59	66	48
East St. Louis	NA	48	52	72	51	57	39
Jerseyville	46	45	52	51	47	52	38

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St. Louis Area (Missouri-Illinois)  
(By Week)  
Measured in Parts per Billion  
May, 2010

May 9-15, 2010

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
	5-9	5-10	5-11	5-12	5-13	5-14	5-15
<b>Missouri</b>							
Arnold West	52	45	50	45	57	37	43
West Alton	55	47	44	40	62	36	47
Orchard Farm	56	45	42	39	60	38	50
Maryland Heights	56	41	45	35	57	31	42
Pacific	51	43	43	40	50	35	39
Blair St.	50	40	47	27	50	29	40
<b>Illinois</b>							
Wood River	38	39	41	34	51	30	44
Maryville	54	44	54	39	59	40	50
Alton	54	45	49	38	61	33	46
East St. Louis	51	42	NA	33	59	38	45
Jerseyville	42	38	31	33	52	36	41

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St. Louis Area (Missouri-Illinois)  
(By Week)  
Measured in Parts per Billion  
May, 2010

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May 16-22, 2010

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
	5-16	5-17	5-18	5-19	5-20	5-21	5-22
<b>Missouri</b>							
Arnold West	41	34	55	54	39	45	56
West Alton	43	40	57	58	45	48	69
Orchard Farm	37	38	56	57	42	45	73
Maryland Heights	35	38	54	53	40	43	64
Pacific	32	31	53	50	36	44	42
Blair St.	37	37	48	49	26	44	52
<b>Illinois</b>							
Wood River	40	39	54	53	36	44	58
Maryville	45	42	56	59	42	46	60
Alton	44	40	57	57	38	44	65
East St. Louis	42	35	56	55	41	44	60
Jerseyville	27	38	44	47	30	30	58

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**St. Louis Area (Missouri-Illinois)**  
**(By Week)**  
**Measured in Parts per Billion**  
**May, 2010**

**May 23-29, 2010**

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
	5-23	5-24	5-25	5-26	5-27	5-28	5-29
<b>Missouri</b>							
Arnold West	42	60	80	90	75	71	81
West Alton	55	70	77	63	84	65	75
Orchard Farm	41	80	85	58	78	62	78
Maryland Heights	36	61	79	71	70	64	78
Pacific	29	49	55	56	65	62	84
Blair St.	40	26	30	37	42	39	33
<b>Illinois</b>							
Wood River	45	54	66	59	74	64	63
Maryville	43	57	73	77	81	71	70
Alton	51	63	75	59	82	68	70
East St. Louis	44	52	70	14	73	67	72
Jerseyville	41	51	69	47	60	49	56

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**St. Louis Area (Missouri-Illinois)**  
**(By Week)**  
**Measured in Parts per Billion**  
**June, 2010**

**May 30 - Jun 5, 2010**

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
	5-30	5-31	6-01	6-02	6-03	6-04	6-05
<b>Missouri</b>							
Arnold West	74	54	64	70	66	58	43
West Alton	73	72	83	68	73	67	60
Orchard Farm	74	58	70	62	60	60	52
Maryland Heights	71	62	63	66	61	55	40
Pacific	54	52	50	65	67	50	37
Blair St.	32	38	39	35	43	33	24
<b>Illinois</b>							
Wood River	58	64	78	59	70	68	51
Maryville	63	69	78	68	82	62	52
Alton	66	70	85	65	76	69	64
East St. Louis	68	61	74	70	53	NA	NA
Jerseyville	61	46	59	43	47	56	45

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**St. Louis Area (Missouri-Illinois)**  
**(By Week)**  
**Measured in Parts per Billion**  
**June, 2010**

June 6-12, 2010

MONITORS	DATE						
	Sun 6-06	Mon 6-07	Tues 6-08	Weds 6-09	Thurs 6-10	Fri 6-11	Sat 6-12
<b>Missouri</b>							
Arnold West	50	55	44	51	55	33	29
West Alton	48	64	47	52	63	43	41
Orchard Farm	49	66	39	46	59	39	40
Maryland Heights	49	55	38	55	52	35	29
Pacific	48	59	37	48	44	27	30
Blair St.	33	34	19	31	19	15	17
<b>Illinois</b>							
Wood River	50	53	39	47	46	35	32
Maryville	53	57	50	59	55	37	42
Alton	53	60	45	49	58	40	38
East St. Louis	NA	60	49	59	52	36	37
Jerseyville	39	49	32	37	53	35	24

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**St. Louis Area (Missouri-Illinois)**  
**(By Week)**  
**Measured in Parts per Billion**  
**June, 2010**

**June 13-19, 2010**

MONITORS	DATE						
	Sun 6-13	Mon 6-14	Tues 6-15	Weds 6-16	Thurs 6-17	Fri 6-18	Sat 6-19
<b>Missouri</b>							
Arnold West	32	43	47	76	51	40	64
West Alton	48	67	71	52	63	77	48
Orchard Farm	37	53	55	56	74	72	49
Maryland Heights	36	47	51	67	64	51	46
Pacific	30	35	37	69	64	32	44
Blair St.	28	26	24	29	16	26	26
<b>Illinois</b>							
Wood River	51	53	59	51	46	80	48
Maryville	62	53	60	67	49	51	63
Alton	45	60	66	55	56	83	51
East St. Louis	47	47	55	88	50	65	65
Jerseyville	25	30	41	39	54	46	35

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**OZONE ONE-HOUR MAXIMUM CONCENTRATION BY MONITOR**  
**St. Louis Area (Missouri-Illinois)**  
**(By Week)**  
**Measured in Parts per Billion**  
**June, 2010**

**June 20-26, 2010**

MONITORS	DATE						
	Sun 6-20	Mon 6-21	Tues 6-22	Weds 6-23	Thurs 6-24	Fri 6-25	Sat 6-26
<b>Missouri</b>							
Arnold West	91	74	56	52	78	91	59
West Alton	73	84	74	70	53	92	78
Orchard Farm	68	76	74	66	53	96	74
Maryland Heights	69	65	68	55	56	79	71
Pacific	53	52	46	51	61	73	49
Blair St.	36	39	67	55	55	68	73
<b>Illinois</b>							
Wood River	76	69	69	62	49	81	82
Maryville	98	64	65	69	56	66	70
Alton	72	78	79	71	51	86	84
East St. Louis	97	69	79	61	62	70	75
Jerseyville	47	49	49	49	40	83	55

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**OZONE ONE-HOUR MAXIMUM CONCENTRATION BY MONITOR**  
**St. Louis Area (Missouri-Illinois)**  
**(By Week)**  
**Measured in Parts per Billion**  
**June, 2010**

**June 27-30, 2010**

MONITORS	DATE						
	Sun 6-27	Mon 6-28	Tues 6-29	Weds 6-30	Thurs 7-01	Fri 7-02	Sat 7-03
<b>Missouri</b>							
Arnold West	39	57	62	67	69	75	79
West Alton	51	48	46	64	68	78	99
Orchard Farm	44	NA	NA	NA	69	80	76
Maryland Heights	44	50	45	63	68	79	71
Pacific	39	48	48	72	65	70	64
Blair St.	41	48	45	51	56	68	79
<b>Illinois</b>							
Wood River	45	46	46	59	62	67	81
Maryville	46	53	56	58	64	70	78
Alton	50	50	47	62	67	73	92
East St. Louis	46	53	52	61	65	75	78
Jerseyville	33	40	38	42	47	67	84

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**OZONE ONE-HOUR MAXIMUM CONCENTRATION BY MONITOR**  
**St. Louis Area (Missouri-Illinois)**  
**(By Week)**  
**Measured in Parts per Billion**  
**July, 2010**

**July 4-10, 2010**

MONITORS	DATE						
	Sun 7-04	Mon 7-05	Tues 7-06	Weds 7-07	Thurs 7-08	Fri 7-09	Sat 7-10
<b>Missouri</b>							
Arnold West	49	54	54	49	49	54	85
West Alton	49	65	77	60	35	50	76
Orchard Farm	46	52	48	63	39	47	72
Maryland Heights	41	52	44	42	44	46	74
Pacific	38	48	37	31	36	45	69
Blair St.	53	51	57	40	47	44	66
<b>Illinois</b>							
Wood River	51	52	68	44	32	47	59
Maryville	51	56	54	49	44	49	64
Alton	52	59	78	51	36	53	69
East St. Louis	56	55	51	44	56	54	71
Jerseyville	36	52	40	50	24	39	43

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**OZONE ONE-HOUR MAXIMUM CONCENTRATION BY MONITOR**  
**St. Louis Area (Missouri-Illinois)**  
**(By Week)**  
**Measured in Parts per Billion**  
**July, 2010**

July 11-17, 2010

MONITORS	DATE						
	Sun 7-11	Mon 7-12	Tues 7-13	Weds 7-14	Thurs 7-15	Fri 7-16	Sat 7-17
<b>Missouri</b>							
Arnold West	52	58	87	60	62	103	61
West Alton	56	71	101	64	46	79	86
Orchard Farm	54	67	89	64	52	71	89
Maryland Heights	44	81	81	55	53	95	63
Pacific	44	62	57	29	46	78	43
Blair St.	55	55	65	48	59	76	60
<b>Illinois</b>							
Wood River	56	50	77	43	48	70	72
Maryville	57	55	59	45	66	56	66
Alton	63	61	93	56	47	71	86
East St. Louis	59	60	76	46	65	75	64
Jerseyville	41	46	NA	NA	NA	NA	NA

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St. Louis Area (Missouri-Illinois)  
(By Week)  
Measured in Parts per Billion  
July, 2010

July 18-24, 2010

MONITORS	DATE						
	Sun 7-18	Mon 7-19	Tues 7-20	Weds 7-21	Thurs 7-22	Fri 7-23	Sat 7-24
<b>Missouri</b>							
Arnold West	48	58	49	46	41	38	37
West Alton	52	55	81	64	58	55	50
Orchard Farm	51	48	63	65	48	53	51
Maryland Heights	45	58	56	70	45	43	45
Pacific	43	59	43	42	35	35	34
Blair St.	50	49	62	74	39	41	46
<b>Illinois</b>							
Wood River	53	48	81	45NA		53	59
Maryville	63	56	67	103	55	53	53
Alton	56	51	83	77	61	59	60
East St. Louis	51	58	69	82	44	46	47
Jerseyville	NA	38	43	36	31	28	48

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**St. Louis Area (Missouri-Illinois)**  
**(By Week)**  
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**July, 2010**

**July 25-31, 2010**

MONITORS	DATE						
	Sun 7/25	Mon 7/26	Tues 7-27	Weds 7-28	Thurs 7-29	Fri 7-30	Sat 7-31
<b>Missouri</b>							
Arnold West	50	62	76	58	63	59	44
West Alton	42	62	73	50	43	49	42
Orchard Farm	44	61	NA	54	42	45	36
Maryland Heights	46	75	67	50	47	47	39
Pacific	37	61	43	47	50	37	38
Blair St.	52	53	51	54	50	44	41
<b>Illinois</b>							
Wood River	42	51	58	52	42	41	39
Maryville	52	51	52	69	54	38	41
Alton	45	59	63	57	45	47	42
East St. Louis	59	56	56	62	58	52	43
Jerseyville	28	36	69	48	41	43	39

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**OZONE ONE-HOUR MAXIMUM CONCENTRATION BY MONITOR**  
**St. Louis Area (Missouri-Illinois)**  
**(By Week)**  
**Measured in Parts per Billion**  
**August, 2010**

**August 1-7, 2010**

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
	08-01	08-02	08-03	08-04	08-05	08-06	08-07
<b>Missouri</b>							
Arnold West	82	75	58	64	65	80	90
West Alton	55	83	93	74	48	51	82
Orchard Farm	45	78	65	65	48	48	80
Maryland Heights	62	85	69	76	52	57	86
Pacific	64	68	53	60	56	63	63
Blair St.	65	56	90	75	52	65	62
<b>Illinois</b>							
Wood River	48	65	103	76	45	48	67
Maryville	58	56	89	95	50	59	62
Alton	51	76	110	74	49	51	78
East St. Louis	59	57	95	72	56	72	65
Jerseyville	52	85	64	58	44	48	86

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**OZONE ONE-HOUR MAXIMUM CONCENTRATION BY MONITOR**  
**St. Louis Area (Missouri-Illinois)**  
**(By Week)**  
**Measured in Parts per Billion**  
**August, 2010**

**August 8-14, 2010**

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
	08-08	08-09	08-10	08-11	08-12	08-13	08-14
<b>Missouri</b>							
Arnold West	72	100	74	99	83	74	56
West Alton	99	104	98	103	75	91	95
Orchard Farm	74	82	91	88	78	95	74
Maryland Heights	63	79	80	88	91	81	65
Pacific	55	69	61	69	71	44	45
Blair St.	83	87	77	102	87	67	79
<b>Illinois</b>							
Wood River	80	75	73	94	68	57	72
Maryville	69	69	NA	NA	NA	NA	NA
Alton	96	96	95	104	74	74	88
East St. Louis	76	88	74	115	104	NA	NA
Jerseyville	85	100	92	68	48	88	59

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**St. Louis Area (Missouri-Illinois)**  
**(By Week)**  
**Measured in Parts per Billion**  
**August, 2010**

**August 15-21, 2010**

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
	08-15	08-16	08-17	08-18	08-19	08-20	08-21
<b>Missouri</b>							
Arnold West	52	60	54	67	68	60	79
West Alton	42	39	47	69	72	70	51
Orchard Farm	43	40	47	73	79	65	55
Maryland Heights	42	45	48	80	74	59	58
Pacific	47	45	57	80	58	50	62
Blair St.	47	53	39	59	53	53	65
<b>Illinois</b>							
Wood River	38	39	45	55	54	46	46
Maryville	NA	NA	NA	NA	NA	37	44
Alton	43	41	47	67	64	56	50
East St. Louis	NA	NA	47	68	56	56	72
Jerseyville	36	37	40	60	76	61	47

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, 2010**

**August 22-28, 2010**

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
	08-22	08-23	08-24	08-25	08-26	08-27	08-28
<b>Missouri</b>							
Arnold West	65	82	60	57	66	59	75
West Alton	56	52	53	50	49	61	77
Orchard Farm	51	52	57	51	49	63	80
Maryland Heights	53	61	53	51	49	71	75
Pacific	57	81	55	51	56	61	83
Blair St.	51	61	50	51	53	57	74
<b>Illinois</b>							
Wood River	47	47	46	45	47	51	60
Maryville	38	NA	NA	NA	NA	NA	NA
Alton	54	52	53	51	54	59	71
East St. Louis	53	58	54	52	57	61	72
Jerseyville	48	52	51	47	47	57	81

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 Environmental Protection Agency.

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  
August, 2010

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August 29-31, 2010

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
	08-29	08-30	08-31				
<b>Missouri</b>							
Arnold West	55	34	45				
West Alton	51	34	56				
Orchard Farm	53	39	48				
Maryland Heights	52	33	41				
Pacific	44	28	32				
Blair St.	46	28	42				
<b>Illinois</b>							
Wood River	42	25	40				
Maryville	NA	33	44				
Alton	50	31	54				
East St. Louis	45	30	45				
Jerseyville	51	29	52				

Based on Information Received by EWGCC

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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, 2010**

**September 1-4, 2010**

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
				9-01	9-02	9-03	9-04
<b>Missouri</b>							
Arnold West				31	39	41	37
West Alton				33	47	33	35
Orchard Farm				32	43	35	38
Maryland Heights				29	38	37	37
Pacific				27	39	38	32
Blair St.				23	40	37	39
<b>Illinois</b>							
Wood River				24	41	32	32
Maryville				24	43	35	37
Alton				31	51	48	37
East St. Louis				28	44	36	39
Jerseyville				33	44	35	38

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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, 2010**

**September 5-11, 2010**

MONITORS	DATE						
	Sun 9-05	Mon 9-06	Tues 9-07	Weds 9-08	Thurs 9-09	Fri 9-10	Sat 9-11
<b>Missouri</b>							
Arnold West	52	59	37	66	36	33	40
West Alton	54	64	44	61	33	35	37
Orchard Farm	59	60	45	58	37	33	38
Maryland Heights	52	60	40	65	40	27	39
Pacific	43	54	35	56	39	25	36
Blair St.	53	60	37	52	31	18	42
<b>Illinois</b>							
Wood River	45	50	36	52	27	23	27
Maryville	50	55	32	63	29	30	39
Alton	52	64	44	60	33	33	38
East St. Louis	52	60	32	62	37	27	40
Jerseyville	56	61	43	44	35	36	36

Based on Information Received by EWGCC

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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, 2010**

**September 12-18, 2010**

MONITORS	DATE						
	Sun 9-12	Mon 9-13	Tues 9-14	Weds 9-15	Thurs 9-16	Fri 9-17	Sat 9-18
<b>Missouri</b>							
Arnold West	51	53	48	64	42	53	80
West Alton	52	65	87	68	43	62	86
Orchard Farm	49	61	70	70	45	62	95
Maryland Heights	53	57	66	62	40	58	82
Pacific	42	46	46	47	37	60	73
Blair St.	55	71	61	60	43	51	79
<b>Illinois</b>							
Wood River	41	56	57	53	31	42	63
Maryville	54	76	62	63	38	50	60
Alton	51	65	83	71	41	58	83
East St. Louis	55	74	60	65	41	52	77
Jerseyville	43	53	69	72	40	55	75

Based on Information Received by EWGCC

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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, 2010**

**September 19-25, 2010**

MONITORS	DATE						
	Sun 9-19	Mon 9-20	Tues 9-21	Weds 9-22	Thurs 9-23	Fri 9-24	Sat 9-25
<b>Missouri</b>							
Arnold West	35	66	61	45	50	41	51
West Alton	44	89	82	45	54	38	48
Orchard Farm	43	76	78	49	51	40	45
Maryland Heights	36	66	59	48	47	41	48
Pacific	24	47	55	44	45	38	49
Blair St.	37	66	68	36	49	41	48
<b>Illinois</b>							
Wood River	37	68	69	40	52	38	47
Maryville	43	88	81	40	55	38	46
Alton	30	69	70	37	51	40	50
East St. Louis	42	79	74	46	53	39	42
Jerseyville							

Based on Information Received by EWGCC

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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, 2010**

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**September 26-30, 2010**

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
	9-26	9-27	9-28	9-29	9-30		
<b>Missouri</b>							
Arnold West	26	43	57	70	43		
West Alton	32	41	54	78	43		
Orchard Farm	34	42	52	67	43		
Maryland Heights	30	41	52	63	41		
Pacific	25	40	46	56	40		
Blair St.	27	39	47	64	38		
<b>Illinois</b>							
Wood River	30	38	46	64	40		
Maryville	30	40	54	65	42		
Alton	33	41	56	72	43		
East St. Louis	28	39	51	67	40		
Jerseyville	32	40	50	61	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**  
**October 2010**

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October 1-2, 2010

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
						10-01	10-02
<b>Missouri</b>							
Arnold West						49	34
West Alton						46	33
Orchard Farm						46	34
Maryland Heights						46	33
Pacific						46	30
Blair St.						43	30
<b>Illinois</b>							
Wood River						38	31
Maryville						43	33
Alton						44	33
East St. Louis						41	32
Jerseyville						43	31

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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 2010

October 3-9, 2010

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
	10-03	10-04	10-05	10-06	10-07	10-08	10-09
<b>Missouri</b>							
Arnold West	41	42	49	56	65	64	79
West Alton	39	45	52	58	54	61	88
Orchard Farm	40	45	49	64	53	63	82
Maryland Heights	39	44	47	60	59	64	80
Pacific	37	43	46	58	58	58	72
Blair St.	37	41	38	52	51	56	85
<b>Illinois</b>							
Wood River	34	40	46	51	44	43	74
Maryville	39	41	50	53	52	58	80
Alton	39	45	50	57	52	55	86
East St. Louis	39	40	38	52	56	59	80
Jerseyville	37	42	48	60	49	61	76

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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 2010**

**October 10-16, 2010**

MONITORS	DATE						
	Sun 10-10	Mon 10-11	Tues 10-12	Weds 10-13	Thurs 10-14	Fri 10-15	Sat 10-16
<b>Missouri</b>							
Arnold West	70	72	60	41	45	48	55
West Alton	69	69	72	40	42	44	56
Orchard Farm	70	74	67	43	44	46	55
Maryland Heights	66	69	63	41	44	45	54
Pacific	65	61	58	40	43	46	51
Blair St.	65	61	56	40	42	43	52
<b>Illinois</b>							
Wood River	57	54	54	36	38	36	42
Maryville	67	69	67	47	49	51	62
Alton	68	66	68	42	44	44	54
East St. Louis	68	66	59	39	44	43	55
Jerseyville	68	66	65	41	44	44	54

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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 2010**

**October 17-23, 2010**

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
	10-17	10-18	10-19	10-20	10-21	10-22	10-23
<b>Missouri</b>							
Arnold West	71	71	43	54	43	59	68
West Alton	58	60	44	51	38	47	66
Orchard Farm	56	59	45	53	42	42	63
Maryland Heights	58	59	46	53	42	48	61
Pacific	63	68	43	51	41	54	60
Blair St.	55	56	41	47	39	41	61
<b>Illinois</b>							
Wood River	44	45	35	40	29	32	43
Maryville	62	68	53	57	43	43	59
Alton	58	60	44	52	41	46	66
East St. Louis	52	58	43	50	38	48	64
Jerseyville	51	44	44	53	39	37	62

Based on Information Received by EWGCC

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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 2010**

**October 24-30, 2010**

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
	10-24	10-25	10-26	10-27	10-28	10-29	10-30
<b>Missouri</b>							
Arnold West	48	43	41	43	31	34	53
West Alton	46	42	37	39	30	33	49
Orchard Farm	44	42	37	40	33	33	50
Maryland Heights	44	41	38	42	33	32	52
Pacific	40	40	36	41	32	34	52
Blair St.	44	37	36	39	28	20	49
<b>Illinois</b>							
Wood River	29	29	30	33	24	22	39
Maryville	43	36	35	37	32	31	46
Alton	44	36	38	41	31	30	50
East St. Louis	44	39	37	49	27	26	47
Jerseyville	42	37	37	40	32	33	50

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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 2010

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October 31, 2010

MONITORS	DATE						
	Sun	Mon	Tues	Weds	Thurs	Fri	Sat
	10-31						
<b>Missouri</b>							
Arnold West	42						
West Alton	39						
Orchard Farm	38						
Maryland Heights	40						
Pacific	39						
Blair St.	34						
<b>Illinois</b>							
Wood River	31						
Maryville	36						
Alton	39						
East St. Louis	39						
Jerseyville	36						

Based on Information Received by EWGCC

This is unofficial data which has not undergone quality assurance/quality control by US Environmental Protection Agency.