

2018 OZONE SEASON

Air Quality Advisory
Committee

June 26, 2018



EAST-WEST GATEWAY
Council of Governments

Creating Solutions Across Jurisdictional Boundaries

2015 Ozone Standard

- Standard is 70 parts per billion (ppb)
- Exceedance is when an 8-hour average for a monitor is >70 ppb
- Violation is when 3-year average of 4th highest annual average for a monitor is > 70 ppb



2018 Exceedances

March 1 - June 24, 2018

Monitors with Exceedances of the 2015 Eight-Hour Ozone Standard

Based on Information Received by East-West Gateway Council of Governments

Date	Days with Exceedances										Total Days 8
	5-23	5-24	5-28	6-1	6-5	6-6	6-8	6-15			
Monitors											Total Exceedances
Missouri	Ozone Values in ppb										by Monitor
Arnold West											
West Alton		76	75			84		72			4
Orchard Farm		80	73			72					3
Maryland Heights			73			73					2
Pacific	71	73	71								3
Blair Street		73	75	84	75	98	73				6
Illinois											
Wood River						80	72				2
Maryville			75	85	87	82	72				5
Alton		71	72			87	75				4
East St. Louis		72	73	78	81	95					5
Total by Day	1	6	8	3	3	8	4	1			34

ppb - parts per billion

Exceedance occurs when an 8-hour average of values is calculated to be greater than or equal to 71 ppb



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2018 Exceedances Transport/Tracking Monitors

Transport/Tracking Monitors

March 1 - June 24, 2018

Monitors with Exceedances of the Eight-Hour Ozone Standard

Based on Information Received by East-West Gateway Council of Governments

Date	Days with Exceedances				Total Days 4
	5-24	5-28	6-5	6-8	
Monitors					Total Exceedances
Missouri	Ozone Values in ppb				by Monitor
Foley West	77				1
Bonne Terre					
Illinois					
Jerseyville	74	72			2
Nilwood	71	72		75	3
Houston			79		1
Total by Day	3	2	1	1	7

ppb - parts per billion

Exceedance occurs when an 8-hour average of values is calculated to be greater than or equal to 71 ppb



Past Ozone Seasons

Ozone Season	St. Louis Region		Transport/Tracking Monitors	
	Days	Exceedances	Days	Exceedances
2016	18	48	9	10
2017	10	21	5	7
March-June 24, 2018	8	34	4	7

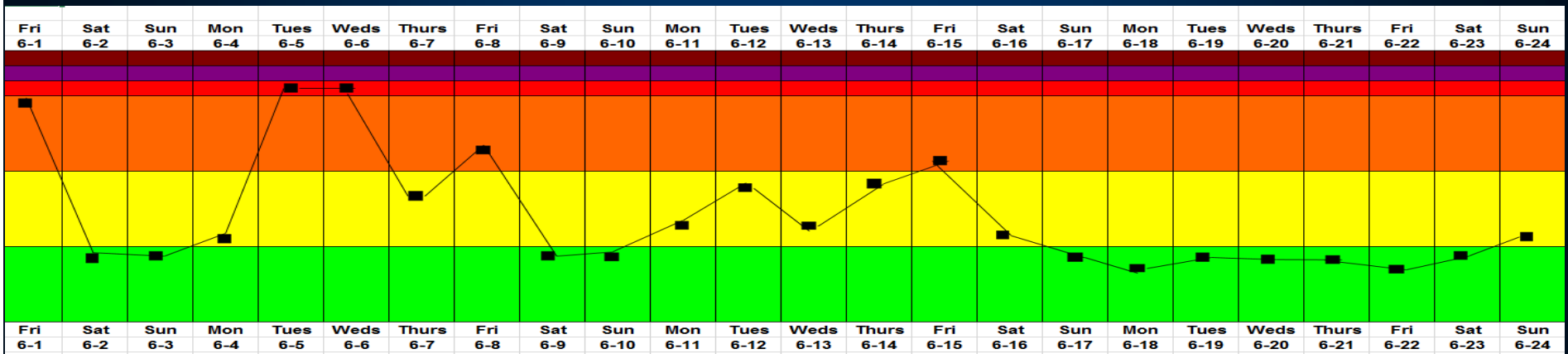


For Additional Information

On-line Air Quality Resource Center

www.ewgateway.org/community-planning/environmental/air-quality

June 2018 AQI Calendar



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