

MARICOPA PM₁₀ 2015 TEOM Data

24 Hour Averages (ug/m³)

	24 Hour Averages (ug/m ³)			Approved Data		Preliminary Data								
	January	February	March	April	May	June	July	August	September	October	November	December		
1	15.0	12.2	20.9	45.1	43.9	49.6	25.2	15.7	19.7	54.8	21.9	49.1		
2	15.9	23.8	12.3	49.6	50.2	49.2	21.0	16.4	26.6	47.1	28.2	63.0		
3	18.1	27.9	9.6	38.2	28.1	52.8	25.5	31.4	71.9	51.7	58.7	79.2		
4	20.2	33.4	14.6	40.6	21.0	74.2	33.2	41.8	16.9	38.8	16.1	77.8		
5	26.6	29.7	18.7	33.4	14.2	20.1	38.5	46.7	15.9	29.6	15.4	68.8		
6	29.9	32.1	33.5	49.2	20.5	16.5	22.8	35.9	14.1	16.7	14.7	41.1		
7	28.3	30.8	22.1	41.7	25.0	18.1	24.5	39.2	26.1	11.9	18.7	59.7		
8	51.0	28.9	25.7	34.8	53.7	28.2	38.9	16.5	35.7	21.0	23.7	79.2		
9	22.1	31.7	36.5	43.6	20.1	22.0	38.3	25.2	33.1	27.0	31.0	90.5		
10	18.7	29.4	44.7	55.5	28.2	13.3	38.4	24.5	27.1	23.7	62.0	89.9		
11	18.4	27.5	45.6	51.6	31.6	21.0	30.2	28.4	30.3	40.3	24.7	84.9		
12	13.3	33.5	45.7	37.7	45.2	30.4	28.6	19.5	40.2	40.6	31.6	25.5		
13	16.0	31.2	23.7	44.6	30.9	35.8	42.7	34.4	52.2	39.4	34.5	18.9		
14	17.6	35.8	41.6	52.5	44.2	32.1	72.6	57.2	23.5	47.8	52.6	23.7		
15	18.9	25.1	49.4	70.5	22.5	40.3	45.1	43.3	17.7	70.6	24.8	44.3		
16	17.6	19.3	43.7	30.2	8.8	49.4	47.0	41.0	21.4	88.1	98.9	25.7		
17	32.3	33.4	44.4	47.0	13.1	49.7	47.7	37.9	30.2	15.0	46.8	28.9		
18	38.8	44.4	31.1	46.4	21.0	48.7	39.2	47.3	35.1	15.4	33.5	38.3		
19	40.7	60.0	9.8	37.6	27.6	51.2	16.3	33.0	41.5	14.7	39.6	51.2		
20	43.4	53.9	12.4	54.1	25.5	65.3	24.6	45.2	24.5	41.4	54.6	18.7		
21	33.5	35.8	21.4	46.0	33.7	34.2	29.8	39.5	17.3	12.9	34.9	36.7		
22	34.3	21.3	22.1	44.1	42.0	33.1	25.6	38.8	13.1	17.4	31.9	32.2		
23	19.3	20.1	28.7	35.9	49.1	40.2	40.4	63.7	23.1	24.3	59.6	23.1		
24	36.0	27.4	38.3	23.5	21.4	44.9	24.8	56.2	45.7	20.8	72.7	22.9		
25	34.5	22.8	35.9	50.3	28.2	44.9	29.8	33.5	61.5	22.6	78.5	25.5		
26	65.8	31.1	35.6	15.3	29.8	33.1	33.3	19.3	33.2	28.5	49.7	43.4		
27	17.7	34.2	47.5	17.3	40.8	134.0	32.3	100.3	40.9	34.5	28.8	19.8		
28	14.6	23.4	40.5	28.4	38.1	53.2	108.8	28.5	41.0	55.3	32.8	34.4		
29	17.5		35.8	31.9	37.3	50.5	33.1	136.3	68.0	25.2	24.7	34.5		
30	7.2		54.8	36.7	43.3	55.2	23.6	35.0	53.5	15.7	50.8	43.3		
31	7.4		44.5		37.3		86.6	45.5		16.1		37.9		
1st quarter average			29.4	2nd quarter average			38.5	3rd quarter average			37.5	4th quarter average		39.3
# of valid samples			90	# of valid samples			91	# of valid samples			92	# of valid samples		92
% of samples collected			100.00%	% of samples collected			100.00%	% of samples collected			100.00%	% of samples collected		100.00%
# of 24 hr exceedances			0	# of 24 hr exceedances			0	# of 24 hr exceedances			0	# of 24 hr exceedances		0

MARICOPA PM₁₀ 2015 TEOM Data Reference Page

Corresponding Color Codings

AQS Codings

24 hour exceedances	any sample > 154.5 ug/m ³	
PCAQCD Exceptional Event	HIGH WIND EVENTS	###^A
	HIGH WIND EVENTS - EPA CONCURRED.	
Noise exceedences	when the noise on the monitor invalidates the data & data recovery is <75%	AN
Status out of range	flow out of range for more than 1 hour	AH
	machine malfunction	AN
	shelter temperature out of range	AE
General maintenance	monitor is down for general maintenance activities or filter exchanges for more than 1 hour	BA
Negative data readings	data readings > - 10.4 ug/m ³ or	AN
	Operator Error for more than 6 hours	BJ
Power failures	power outage for more than 6 hours	AV
CAL / VER / AUDIT	monitor is down to perform monthly verification or	AT
	annual system calibrations or	AT
	QC Audit (ADEQ) for more than 1 hour	AZ

Annual Average (ug/m ³) minus high wind events	36.2
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Total # of 24 hr Exceedances	0
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Maximum Reading	136.3
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