

MARICOPA PM₁₀ 2016 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	35.5	47.5	56.2	43.8	32.8	46.1	19.2	AH	52.9	28.2	35.2	29.1		
2	17.0	11.0	60.1	53.0	36.0	63.4	23.4	AH	32.9	34.6	46.6	27.3		
3	17.7	16.8	60.8	54.2	28.6	42.4	33.1	AH	34.9	31.6	58.8	22.2		
4	35.0	21.7	73.0	62.4	57.5	62.8	36.9	34.2	31.2	37.8	19.9	22.5		
5	5.4	17.9	49.7	53.3	80.5	51.7	51.6	31.3	54.1	36.7	21.3	42.8		
6	11.8	20.8	73.7	55.0	36.9	69.7	65.3	32.6	74.9	43.9	20.6	47.6		
7	8.8	24.5	114.4	171.4	13.2	64.6	42.8	38.4	21.1	42.9	26.4	41.9		
8	16.3	31.9	28.6	15.1	18.0	65.8	48.4	54.0	24.0	41.2	33.7	38.8		
9	14.5	33.0	51.4	13.0	19.8	58.6	46.3	102.2	23.3	23.3	33.7	41.5		
10	13.7	49.1	49.3	13.0	27.6	73.6	41.5	63.5	30.2	41.1	35.9	57.1		
11	15.2	56.1	54.1	12.3	33.1	43.9	60.2	19.3	30.7	46.4	20.9	47.2		
12	20.4	46.7	88.1	15.5	48.6	26.7	52.6	25.6	34.5	49.9	24.5	40.8		
13	23.4	41.8	37.0	18.1	41.8	31.5	45.5	88.4	52.2	73.3	24.7	54.6		
14	27.4	33.7	45.8	23.5	34.5	42.9	49.2	35.3	34.8	60.6	54.1	52.6		
15	25.3	43.5	50.7	139.6	29.7	42.3	52.2	46.6	48.0	50.6	71.1	58.6		
16	22.7	46.3	55.5	27.7	33.7	52.3	82.5	95.7	48.3	40.3	77.1	23.1		
17	22.1	53.4	64.7	22.2	73.3	49.0	52.8	AH	51.5	48.0	128.1	145.1		
18	33.5	46.7	52.2	30.9	23.4	46.4	90.0	AH	56.1	50.8	59.7	31.0		
19	29.7	51.4	61.7	44.1	38.6	38.7	147.7	AH	76.5	59.0	66.1	19.7		
20	27.1	41.1	53.8	37.9	48.1	57.4	20.9	AH	42.5	48.5	37.0	27.6		
21	27.1	39.7	62.8	46.8	45.2	55.5	41.0	AH	94.9	74.5	24.5	33.8		
22	40.6	117.6	148.2	46.8	34.7	53.3	91.0	AH	27.8	64.7	19.4	12.9		
23	29.8	24.9	44.0	44.5	47.6	86.2	135.5	AH	83.5	55.1	24.8	11.5		
24	22.3	34.9	54.9	39.8	40.8	50.1	49.6	AH	59.8	63.8	16.4	24.4		
25	25.1	44.7	41.5	154.7	49.3	52.7	33.0	AH	37.5	50.4	22.3	11.9		
26	27.5	51.6	41.4	83.6	81.9	44.1	67.6	AH	107.8	45.8	47.0	15.4		
27	31.1	47.0	48.2	42.9	50.8	66.5	83.7	AH	70.8	56.7	138.9	18.8		
28	45.3	42.2	74.1	63.2	48.1	74.8	39.5	AH	27.7	57.7	36.6	24.5		
29	56.4	44.4	75.0	36.7	34.7	79.0	75.2	AH	26.4	43.2	17.6	22.5		
30	40.4		30.2	86.0	44.3	114.8	AH	AH	28.4	44.5	17.8	16.0		
31	127.5		36.8		62.9		AH	49.4		38.7		13.8		
1st quarter average			43.0	2nd quarter average			50.0	3rd quarter average			52.2	4th quarter average		41.5
# of valid samples			90	# of valid samples			91	# of valid samples			73	# of valid samples		92
% of samples collected			100.00%	% of samples collected			100.00%	% of samples collected			79.35%	% of samples collected		100.00%
# of 24 hr exceedances			0	# of 24 hr exceedances			1	# of 24 hr exceedances			0	# of 24 hr exceedances		0

MARICOPA PM₁₀ 2016 TEOM Data Reference Page

Corresponding Color Codings

AQS Codings

24 hour exceedances	any sample > 154.9 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	BA
	filter exchanges for more than 1 hour	BA
	Building/Site repair	BE
Negative data readings	data readings > - 10.4 ug/m ³ or	AN
	Operator Error for more than 6 hours	BJ
Power failures/Vandalism	power outage for more than 6 hours	AV
	Vandalism	AP
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	46.7
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Total # of 24 hr Exceedances	1
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Maximum Reading	171.4
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