

MARICOPA PM₁₀ 2017 TEOM Data

24 Hour Averages (ug/m³)

	Approved Data					Preliminary Data							
	January	February	March	April	May	June	July	August	September	October	November	December	
1	4	41	9	31	34	40	47	33	59	42	45	138	
2	6	32	8	24	44	41	52	26	51	43	38	99	
3	15	38	33	44	44	53	50	99	30	54	36	53	
4	20	34	34	25	54	52	38	33	46	57	37	50	
5	21	30	23	43	68	63	48	13	52	42	20	68	
6	18	32	27	54	156	43	65	16	48	46	39	40	
7	14	27	30	39	70	36	107	24	232	56	49	38	
8	19	39	31	36	36	49	54	35	66	56	24	57	
9	37	45	33	28	10	44	40	49	24	64	41	48	
10	24	53	42	36	12	31	53	84	23	44	50	41	
11	22	30	36	47	25	53	37	22	38	53	42	50	
12	24	14	34	44	26	33	38	25	33	64	42	60	
13	45	28	38	48	29	39	116	11	58	70	60	55	
14	22	27	44	43	28	64	66	18	39	59	76	58	
15	8	34	52	35	37	AE	68	19	30	55	65	48	
16	11	28	44	34	44	AE	109	21	29	76	83	72	
17	18	50	48	50	27	AE	31	31	24	65	68	30	
18	28	18	52	37	16	AE	41	33	40	56	42	16	
19	18	5	36	28	31	AE	35	28	32	64	40	18	
20	7	9	43	29	34	66	19	26	39	118	61	22	
21	39	14	42	37	34	55	32	39	29	113	75	91	
22	18	22	153	40	39	51	28	29	41	58	107	25	
23	12	31	20	48	35	44	23	102	38	68	61	33	
24	9	15	25	39	48	41	20	25	26	72	68	32	
25	11	22	31	70	45	73	15	37	37	82	80	28	
26	15	19	29	21	29	51	16	89	40	58	63	38	
27	13	18	51	36	27	75	58	30	43	55	93	61	
28	11	13	18	109	35	66	52	68	56	58	109	55	
29	15		20	18	42	50	54	32	56	62	114	52	
30	25		80	25	47	44	19	35	48	74	104	58	
31	29		113		51		25	38		45		53	
1st quarter average			29.2	2nd quarter average		43.2	3rd quarter average			43.8	4th quarter average		58.1
# of valid samples			90	# of valid samples		86	# of valid samples			92	# of valid samples		92
% of samples collected			100.00%	% of samples collected		94.51%	% of samples collected			100.00%	% of samples collected		100.00%
# of 24 hr exceedances			0	# of 24 hr exceedances		1	# of 24 hr exceedances			1	# of 24 hr exceedances		0

MARICOPA PM₁₀ 2017 TEOM Data Reference Page

Corresponding Color Codings

AQS Codings

24 hour exceedances	any sample > 155.5 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	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	43.6
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Total # of 24 hr Exceedances	2
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Maximum Reading	232.0
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