

ELOY PM₁₀ 2018 TEOM Data

24 Hour Averages (ug/m³)

	24 Hour Averages (ug/m ³)													
	January	February	March	Approved Data		June	Peliminary Data		September	October	November	December		
	April	May												
1	45	75	17	27	66	53	24	86	69	11	43	17		
2	54	86	21	33	30	44	30	146	46	9	43	17		
3	47	44	19	45	39	53	37	80	18	7	43	30		
4	55	34	16	43	36	40	58	34	30	11	AH	32		
5	61	62	20	45	44	53	132	23	73	17	AH	37		
6	60	39	30	34	42	40	48	38	46	AE	58	25		
7	47	40	38	29	52	54	46	110	34	19	49	12		
8	57	56	44	30	44	58	182	172	37	13	36	23		
9	128	57	29	40	54	37	195	164	31	11	42	16		
10	14	81	27	50	63	37	38	88	48	AV	55	22		
11	16	44	14	45	314	51	17	23	35	AV	35	27		
12	19	104	21	355	113	41	29	64	34	9	50	22		
13	21	27	31	59	23	55	26	48	49	6	38	27		
14	28	56	34	35	40	57	45	46	47	9	41	35		
15	31	5	38	64	40	53	16	24	41	11	47	39		
16	42	16	20	99	52	11	25	18	50	6	68	32		
17	54	19	17	88	41	14	36	19	45	12	54	31		
18	50	11	15	49	35	19	28	19	44	14	42	29		
19	39	166	27	180	35	29	25	22	29	15	78	32		
20	40	42	40	57	31	32	30	82	16	18	57	44		
21	18	28	37	36	64	29	36	33	23	67	60	70		
22	23	26	43	35	39	40	22	49	25	13	48	49		
23	37	24	39	42	32	78	34	20	29	23	28	41		
24	34	17	73	49	33	45	40	48	23	14	56	32		
25	41	22	22	48	27	31	44	9	33	19	43	14		
26	52	25	36	50	44	35	52	15	29	25	54	9		
27	43	52	28	40	69	39	41	29	35	36	59	12		
28	42	9	28	31	45	47	46	44	39	25	58	13		
29	60		33	66	46	79	22	43	28	33	44	16		
30	54		32	49	40	39	49	47	90	33	14	13		
31	52		37		60		26	36		27		9		
1st quarter average			39.5	2nd quarter average			53.2	3rd quarter average			47.1	4th quarter average		30.8
# of valid samples			90	# of valid samples			91	# of valid samples			92	# of valid samples		87
% of samples collected			100.00%	% of samples collected			100.00%	% of samples collected			100.00%	% of samples collected		94.57%
# of 24 hr exceedances			1	# of 24 hr exceedances			3	# of 24 hr exceedances			4	# of 24 hr exceedances		0

ELOY PM₁₀ 2018 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	
	HIGH WIND EVENTS - EPA CONCURRED.	### ^A
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	42.8
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Total # of 24 hr Exceedances	8
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Maximum Reading	355
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