

ELOY PM₁₀ 2017 TEOM Data

24 Hour Averages (ug/m³)

				Approved Data		Peliminary Data								
	January	February	March	April	May	June	July	August	September	October	November	December		
1	6	34	14	43	37	32	AH	22	46	29	46	122		
2	7	39	20	21	35	42	AH	13	38	44	42	114		
3	14	40	40	36	38	35	AH	23	23	38	52	42		
4	17	29	27	46	49	34	AH	36	32	50	57	47		
5	17	21	25	28	48	32	AH	17	63	48	35	109		
6	19	30	23	30	150	32	AH	20	47	43	62	66		
7	24	27	35	43	29	33	AH	19	168	51	79	97		
8	23	32	36	29	38	42	AH	21	61	47	38	47		
9	33	38	40	35	7	40	AH	36	32	47	58	42		
10	29	33	43	45	12	38	AH	52	36	59	64	38		
11	32	25	36	43	26	41	AH	18	46	56	57	73		
12	30	26	30	60	27	29	AH	35	34	51	53	100		
13	37	26	33	40	23	44	42	12	53	50	120	72		
14	29	23	36	39	22	54	42	19	128	47	107	61		
15	5	16	42	36	47	63	81	27	34	40	87	73		
16	9	24	45	38	24	46	15	23	22	58	96	58		
17	14	37	44	34	19	35	18	30	24	53	57	19		
18	16	32	31	29	27	33	21	36	34	80	48	15		
19	14	5	36	30	29	47	22	27	56	58	62	15		
20	7	7	29	33	33	69	21	32	29	56	90	17		
21	13	14	26	40	26	53	22	33	34	159	86	69		
22	16	13	61	44	29	47	26	41	30	77	95	27		
23	11	29	17	38	31	47	19	76	30	71	57	29		
24	10	18	17	51	34	48	12	14	26	75	52	34		
25	11	20	22	54	43	72	21	24	34	59	57	34		
26	14	23	25	32	34	53	25	38	36	56	54	41		
27	14	15	22	42	33	49	37	19	44	69	84	55		
28	14	9	21	79	26	AH	19	30	39	52	137	56		
29	14		23	26	45	AH	14	25	41	59	127	53		
30	28		70	23	73	AH	17	22	37	59	165	46		
31	39		133		38		20	36		55		55		
1st quarter average			26.1	2nd quarter average			39.6	3rd quarter average			34.1	4th quarter average		62.5
# of valid samples			90	# of valid samples			88	# of valid samples			80	# of valid samples		92
% of samples collected			100.00%	% of samples collected			96.70%	% of samples collected			86.96%	% of samples collected		100.00%
# of 24 hr exceedances			0	# of 24 hr exceedances			0	# of 24 hr exceedances			1	# of 24 hr exceedances		2

ELOY 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	
	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	40.6
---	------

Total # of 24 hr Exceedances	3
---------------------------------	---

Maximum Reading	168.0
-----------------	-------