

ELOY PM₁₀ 2020 TEOM Data

24 Hour Averages (ug/m³)

	Approved Data					Peliminary Data							
	January	February	March	April	May	June	July	August	September	October	November	December	
1	20	24	14	24	38	AH	34	AV	17				
2	18	19	16	22	30	22	43	AV	31				
3	22	45	16	26	26	31	36	AV	34				
4	19	18	19	19	60	34	45	AV	41				
5	22	27	24	20	44	37	26	AV	39				
6	24	22	25	26	39	28	37	AV	37				
7	24	30	20	27	33	32	54	43	38				
8	27	29	16	42	38	AN	38	40	75				
9	18	31	14	19	36	AV	40	46	63				
10	22	22	18	26	30	AV	49	48	48				
11	13	8	7	18	25	42	62	86	63				
12	16	14	5	10	25	37	118	39	60				
13	23	17	7	19	31	35	30	40	41				
14	35	25	10	33	36	24	32	46	37				
15	48	21	10	31	37	31	29	47	47				
16	29	17	13	41	37	45	24	1228	40				
17	19	26	15	50	28	34	45	54	38				
18	27	26	12	26	AH	28	31	51	42				
19	21	37	9	30	AH	31	31	68	46				
20	32	33	12	27	AH	31	48	102	41				
21	11	31	13	35	AH	37	55	31	43				
22	9	7	13	36	AH	37	41	31	53				
23	16	10	22	32	AH	39	32	36	48				
24	18	13	17	29	AH	67	AV	66	60				
25	19	18	22	34	AH	AV	AV	51	54				
26	19	15	19	28	AH	AV	AV	55	39				
27	26	22	18	29	AH	42	AV	44	35				
28	24	26	19	39	AH	48	AV	40	41				
29	21	24	18	45	AH	66	AV	44	79				
30	26		26	42	AH	36	AV	17	55				
31	24		31		AH		AV	21					
1st quarter average			20.3	2nd quarter average			33.4	3rd quarter average		60.8	4th quarter average		#DIV/0!
# of valid samples			90	# of valid samples			71	# of valid samples		78	# of valid samples		0
% of samples collected			100.00%	% of samples collected			78.02%	% of samples collected		84.78%	% of samples collected		0.00%
# of 24 hr exceedances			0	# of 24 hr exceedances			0	# of 24 hr exceedances		1	# of 24 hr exceedances		0

ELOY PM₁₀ 2020 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/m³) minus high wind events	37.3
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Total # of 24 hr Exceedances	1
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Maximum Reading	1228
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