ELOY PM$_{10}$ 2016 TEOM Data

24 Hour Averages (ug/m^3)

	January	February	March	Approved Data April	May	June	Peliminary Data July	August	September	October	November	December
1				35.8	22.0	38.2	11.3	AH	35.0	13.4	50.4	29.6
2				38.2	31.4	44.7	22.2	AH	27.1	15.3	64.8	28.9
3				34.2	36.9	46.5	26.8	AH	28.6	17.4	26.5	34.0
4				53.3	35.2	56.4	21.6	AH	24.3	35.5	23.6	42.9
5				44.2	42.4	53.1	20.6	AH	25.3	35.2	23.4	41.8
6				52.2	27.7	51.7	39.1	24.9	56.6	36.0	22.8	41.6
7				128.4	12.8	42.1	29.8	18.4	14.0	39.2	24.7	42.0
8				12.1	14.2	55.0	39.3	29.7	12.0	39.7	38.8	50.7
9				13.5	23.2	53.5	29.3	23.7	21.3	22.7	25.2	53.6
10				16.7	21.1	56.5	31.0	25.4	27.1	35.6	22.1	64.7
11				10.8	34.8	38.8	36.9	13.6	20.2	32.7	35.1	43.8
12				17.3	48.6	33.5	41.1	30.9	20.4	63.1	30.1	42.4
13				22.5	31.4	30.5	42.4	59.0	38.2	54.3	29.0	51.1
14				19.2	25.6	38.4	49.2	17.1	24.0	53.1	43.9	63.6
15				66.3	29.6	30.1	48.3	24.8	33.0	44.1	62.2	74.1
16				25.9	26.0	40.1	55.8	33.9	39.1	32.1	50.3	87.3
17				26.2	49.3	57.1	41.0	31.7	30.0	48.3	72.4	103.1
18				30.2	35.8	43.8	47.2	49.3	31.6	55.7	59.8	37.3
19				34.3	30.9	39.8	73.6	116.6	36.2	58.2	58.3	34.4
20				35.5	40.0	45.4	21.9	46.5	34.9	62.6	67.5	43.8
21				31.8	39.8	45.9	29.1	54.2	28.3	64.5	40.8	24.4
22				29.9	26.5	33.0	79.1	29.1	26.8	65.7	27.9	7.0
23				34.5	30.4	70.4	52.3	27.5	66.3	38.8	32.8	9.1
24				27.7	28.2	51.0	32.8	59.9	53.4	59.0	27.5	70.3
25				75.3	43.8	42.3	29.5	60.9	35.8	43.0	37.4	8.9
26				90.3	43.8	34.0	62.9	36.6	33.3	65.7	43.7	13.0
27				31.1	44.9	38.2	53.6	30.3	20.9	117.4	43.6	19.8
28				52.6	35.0	43.5	38.5	27.2	15.8	66.4	28.3	22.7
29				32.0	27.6	49.9	454.5	36.9	16.7	52.9	20.9	22.0
30				54.6	27.0	16.6	AH	40.6	18.2	29.7	28.0	17.1
31					39.6		AH	27.1		41.9		10.2

1st quarter average	#DIV/0!	2nd quarter average		38.5	3rd quarter average		40.4	4th quarter average		41.7
# of valid samples	0	# of valid samples		91	# of valid samples		85	# of valid samples		92
% of samples collected	0.00%	% of samples collected		100.00%	% of samples collected		92.39%	% of samples collected		100.00%
# of 24 hr exceedances	0	# of 24 hr exceedances		0	# of 24 hr exceedances		1	# of 24 hr exceedances		0

ELOY PM$_{10}$ 2016 TEOM Data Reference Page

Corresponding Color Codings   AQS Codings

24 hour exceedances	any sample > 154.9 ug/m^3	

Annual Average (ug/m^3) minus high wind events	#DIV/0!

PCAQCD Exceptional Event	HIGH WIND EVENTS	
	HIGH WIND EVENTS - EPA CONCURRED.	###^{A}

Total # of 24 hr Exceedances	1

Noise exceedences	when the noise on the monitor invalidates the data & data recovery is <75%	AN

Maximum Reading	454.5

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