

Lafarge Stoney Trailer Hourly Average Data

Date	Time MST Hour Ending	Wind Speed km/hour	Wind Direction Degrees	Wind Direction Sector	Sound dbA	TSP ug/m3	PM2.5 ug/m3	Rainfall of the hour mm	Sound Alarm 1=Alarm 0=No Alarm	TSP Alarm 1=Alarm 0=No Alarm	PM2.5 Alarm 1=Alarm 0=No Alarm
Alarms											
PM2.5		1 Hour Average – 80 ug/m3									
TSP		1 Hour Average – 267 ug/m3									
Sound alarm		1 Hour Average – 85 dba									
All Times are Mountain Standard Time											
22-May-12	800	21.8	294	WNW	56.2	11.5	2.1	0	0	0	0
22-May-12	900	28.3	311	NW	59.8	122.2	15.2	0	0	0	0
22-May-12	1000	22.5	334	NNW	58.7	44.2	6.5	0	0	0	0
22-May-12	1100	27.5	346	NNW	62.2	40.6	6.5	0	0	0	0
22-May-12	1200	26.8	349	N	60.6	80.3	10.1	0	0	0	0
22-May-12	1300	22.4	1	N	57.4	93.6	19.1	0	0	0	0
22-May-12	1400	22.7	7	N	58.5	89.1	11.9	0	0	0	0
22-May-12	1500	21.2	10	N	57.6	32.0	4.3	0	0	0	0
22-May-12	1600	21.8	1	N	57.8	66.2	9.9	0.1	0	0	0
22-May-12	1700	12.5	34	NNE	55.1	7.4	4.4	0	0	0	0
22-May-12	1800	14.1	350	N	53.9	8.2	3.1	0.7	0	0	0
22-May-12	1900	7.2	34	NE	53.1	7.6	2.5	0.3	0	0	0
22-May-12	2000	15.1	353	N	55.1	8.2	4.5	1.3	0	0	0
22-May-12	2100	19.0	344	NNW	56.7	7.8	2.8	2.2	0	0	0
22-May-12	2200	14.0	334	NNW	54.4	4.0	1.9	0.4	0	0	0
22-May-12	2300	13.3	317	NW	53.6	11.6	3.0	0	0	0	0
22-May-12	2400	15.5	328	NNW	53.4	25.4	11.4	0	0	0	0
23-May-12	100	19.8	331	NNW	54.6	9.8	6.8	0	0	0	0
23-May-12	200	21.0	329	NNW	54.5	6.0	2.4	0	0	0	0
23-May-12	300	20.4	328	NNW	53.7	12.6	5.1	0	0	0	0

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Alarms											
PM2.5		1 Hour Average – 80 ug/m3									
TSP		1 Hour Average – 267 ug/m3									
Sound alarm		1 Hour Average – 85 dba									
All Times are Mountain Standard Time											
22-May-12	800	21.8	294	WNW	56.2	11.5	2.1	0	0	0	0
23-May-12	400	21.1	324	NW	52.5	36.2	12.2	0	0	0	0
23-May-12	500	25.9	327	NNW	57.1	7.3	2.2	0.1	0	0	0
23-May-12	600	25.1	324	NW	57.1	3.3	1.3	0	0	0	0
23-May-12	700	25.8	327	NNW	58.7	8.8	3.0	0	0	0	0
23-May-12	800	30.5	329	NNW	63.1	7.7	4.6	0.1	0	0	0
23-May-12	900	31.2	334	NNW	66.5	16.4	7.7	0.7	0	0	0
23-May-12	1000	30.8	339	NNW	67.0	20.2	8.7	1.4	0	0	0
23-May-12	1100	25.1	344	NNW	61.4	26.7	5.9	0.5	0	0	0
23-May-12	1200	29.1	355	N	63.3	85.0	11.4	1.1	0	0	0
23-May-12	1300	25.0	346	NNW	61.7	86.7	14.1	3	0	0	0
23-May-12	1400	39.1	358	N	69.5	261.9	33.9	0	0	0	0
23-May-12	1500	41.3	360	N	69.9	298.7	38.3	1.6	0	1	0
23-May-12	1600	43.6	2	N	70.1	241.4	32.6	6.8	0	0	0
23-May-12	1700	41.6	0	N	69.4	21.5	5.1	0	0	0	0
23-May-12	1800	41.7	2	N	68.7	13.9	2.9	0	0	0	0
23-May-12	1900	39.6	3	N	67.6	5.0	1.5	0	0	0	0
23-May-12	2000	31.5	5	N	61.2	1.2	0.6	0	0	0	0
23-May-12	2100	25.3	3	N	57.0	1.0	0.6	0.1	0	0	0
23-May-12	2200	17.1	352	N	53.2	1.4	0.7	0	0	0	0

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Date	Time MST Hour Ending	Wind Speed km/hour	Wind Direction Degrees	Wind Direction Sector	Sound dbA	TSP ug/m3	PM2.5 ug/m3	Rainfall of the hour mm	Sound Alarm 1=Alarm 0=No Alarm	TSP Alarm 1=Alarm 0=No Alarm	PM2.5 Alarm 1=Alarm 0=No Alarm
Alarms											
PM2.5 1 Hour Average – 80 ug/m3											
TSP 1 Hour Average – 267 ug/m3											
Sound alarm 1 Hour Average – 85 dba											
All Times are Mountain Standard Time											
22-May-12	800	21.8	294	WNW	56.2	11.5	2.1	0	0	0	0
23-May-12	2300	15.7	348	NNW	51.8	1.4	0.8	0.2	0	0	0
23-May-12	2400	15.7	348	NNW	51.2	1.4	0.3	0.8	0	0	0
24-May-12	100	18.3	359	N	51.2	1.1	0.3	0.4	0	0	0
24-May-12	200	15.6	1	N	49.9	1.5	0.9	0.2	0	0	0
24-May-12	300	12.4	355	N	49.4	4.3	2.3	0.1	0	0	0
24-May-12	400	12.5	359	N	47.7	2.7	1.2	0	0	0	0
24-May-12	500	13.4	8	N	50.9	3.0	2.3	0.1	0	0	0
24-May-12	600	11.7	8	N	54.4	8.2	5.1	0.1	0	0	0
24-May-12	700	11.2	8	N	58.2	14.0	9.5	0.4	0	0	0
24-May-12	800	10.0	23	NNE	58.4	6.6	4.8	0.4	0	0	0
24-May-12	900	11.2	34	NNE	57.9	2.5	1.8	0.8	0	0	0
24-May-12	1000	12.1	67	ENE	57.0	6.2	3.7	0.4	0	0	0
24-May-12	1100	11.3	66	ENE	56.6	9.4	5.0	0.2	0	0	0
24-May-12	1200	8.3	34	NE	56.2	7.6	3.8	0.2	0	0	0
24-May-12	1300	10.4	3	N	55.1	7.3	3.1	0	0	0	0
24-May-12	1400	16.2	22	NNE	59.1	22.0	13.7	0.1	0	0	0
24-May-12	1500	13.4	346	NNW	55.4	20.2	7.5	0	0	0	0
24-May-12	1600	21.1	354	N	56.8	20.4	8.4	0	0	0	0
24-May-12	1700	15.4	344	NNW	52.1	21.1	11.2	0	0	0	0

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Alarms											
PM2.5		1 Hour Average – 80 ug/m3									
TSP		1 Hour Average – 267 ug/m3									
Sound alarm		1 Hour Average – 85 dba									
All Times are Mountain Standard Time											
22-May-12	800	21.8	294	WNW	56.2	11.5	2.1	0	0	0	0
24-May-12	1800	15.9	343	NNW	53.6	23.1	8.1	0	0	0	0
24-May-12	1900	16.0	19	NNE	55.3	33.0	9.4	0	0	0	0
24-May-12	2000	14.9	3	N	54.0	30.4	11.1	0	0	0	0
24-May-12	2100	7.2	340	NNW	54.8	49.2	16.5	0	0	0	0
24-May-12	2200	7.3	329	NNW	55.5	50.3	17.8	0	0	0	0
24-May-12	2300	8.7	333	NNW	54.8	57.6	17.0	0	0	0	0
24-May-12	2400	10.1	331	NNW	55.4	65.1	24.0	0	0	0	0
25-May-12	100	9.3	330	NNW	56.5	58.1	23.3	0	0	0	0
25-May-12	200	10.7	320	NW	57.0	101.7	33.1	0	0	0	0
25-May-12	300	9.4	321	NW	56.5	99.2	36.6	0	0	0	0
25-May-12	400	9.0	333	NNW	56.0	32.5	18.2	0	0	0	0
25-May-12	500	8.9	342	NNW	55.8	25.1	14.9	0	0	0	0
25-May-12	600	8.4	343	NNW	56.0	33.4	11.8	0	0	0	0
25-May-12	700	9.7	346	NNW	57.0	28.0	8.0	0	0	0	0
25-May-12	800	13.6	1	N	58.1	30.9	11.5	0	0	0	0
25-May-12	900	13.1	355	N	55.0	25.5	11.7	0	0	0	0
25-May-12	1000	11.9	3	N	56.3	28.7	11.4	0	0	0	0
25-May-12	1100	11.6	15	NNE	56.6	44.5	16.3	0	0	0	0
25-May-12	1200	16.7	27	NNE	57.4	47.8	15.6	0	0	0	0

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Alarms											
PM2.5		1 Hour Average – 80 ug/m3									
TSP		1 Hour Average – 267 ug/m3									
Sound alarm		1 Hour Average – 85 dba									
All Times are Mountain Standard Time											
22-May-12	800	21.8	294	WNW	56.2	11.5	2.1	0	0	0	0
25-May-12	1300	12.1	339	NNW	54.2	23.6	5.2	0	0	0	0
25-May-12	1400	14.2	90	E	55.4	40.9	12.8	0	0	0	0
25-May-12	1500	11.3	23	NNE	54.3	27.0	14.2	0	0	0	0
25-May-12	1600	9.6	50	NE	53.3	29.4	9.8	0	0	0	0
25-May-12	1700	13.7	9	N	54.7	30.3	6.6	0	0	0	0
25-May-12	1800	8.9	345	NNW	49.3	18.6	6.0	0	0	0	0
25-May-12	1900	12.9	84	E	52.0	21.9	5.0	0	0	0	0
25-May-12	2000	9.3	245	WSW	50.9	23.6	11.0	0	0	0	0
25-May-12	2100	9.6	310	NW	51.5	49.0	16.5	0	0	0	0
25-May-12	2200	10.8	311	NW	54.7	53.8	13.1	0	0	0	0
25-May-12	2300	8.8	313	NW	54.5	53.8	16.5	0	0	0	0
25-May-12	2400	10.5	247	WSW	56.5	21.6	10.4	0	0	0	0
26-May-12	100	8.6	269	W	56.3	16.1	6.2	0	0	0	0
26-May-12	200	5.6	316	NW	56.3	53.4	18.2	0	0	0	0
26-May-12	300	5.6	305	NW	55.4	67.7	24.3	0	0	0	0
26-May-12	400	5.1	305	NW	53.5	80.0	32.4	0	0	0	0
26-May-12	500	4.6	291	WNW	52.8	84.9	35.3	0	0	0	0
26-May-12	600	3.7	268	W	54.9	62.7	26.8	0	0	0	0
26-May-12	700	2.6	206	SSW	54.3	21.5	5.6	0	0	0	0

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Date	Time MST Hour Ending	Wind Speed km/hour	Wind Direction Degrees	Wind Direction Sector	Sound dbA	TSP ug/m3	PM2.5 ug/m3	Rainfall of the hour mm	Sound Alarm 1=Alarm 0=No Alarm	TSP Alarm 1=Alarm 0=No Alarm	PM2.5 Alarm 1=Alarm 0=No Alarm
Alarms											
PM2.5 1 Hour Average – 80 ug/m3											
TSP 1 Hour Average – 267 ug/m3											
Sound alarm 1 Hour Average – 85 dba											
All Times are Mountain Standard Time											
22-May-12	800	21.8	294	WNW	56.2	11.5	2.1	0	0	0	0
26-May-12	800	6.0	156	SSE	55.2	31.4	9.6	0	0	0	0
26-May-12	900	8.4	171	S	55.5	28.1	9.1	0	0	0	0
26-May-12	1000	13.2	158	SSE	54.8	15.7	5.6	0	0	0	0
26-May-12	1100	16.0	126	SE	55.1	9.3	2.4	0	0	0	0
26-May-12	1200	16.1	114	ESE	55.2	28.4	11.9	0	0	0	0
26-May-12	1300	15.2	120	ESE	54.6	26.6	8.0	0	0	0	0
26-May-12	1400	17.0	122	ESE	53.8	25.3	6.6	0	0	0	0
26-May-12	1500	16.9	119	ESE	53.6	22.0	7.1	0	0	0	0
26-May-12	1600	17.8	115	ESE	53.1	26.7	7.5	0	0	0	0
26-May-12	1700	17.0	101	E	52.7	20.8	10.8	0	0	0	0
26-May-12	1800	16.2	116	ESE	50.5	11.9	8.5	0	0	0	0
26-May-12	1900	17.2	122	ESE	50.0	11.0	7.2	0	0	0	0
26-May-12	2000	14.2	123	ESE	48.7	15.4	7.3	0	0	0	0
26-May-12	2100	9.6	125	SE	48.4	18.7	8.8	0	0	0	0
26-May-12	2200	8.2	134	SE	51.1	22.7	11.3	0	0	0	0
26-May-12	2300	6.5	125	SE	50.2	59.6	26.7	0	0	0	0
26-May-12	2400	7.9	135	SE	47.2	62.6	23.4	0	0	0	0
27-May-12	100	5.2	181	S	47.1	44.6	15.5	0	0	0	0
27-May-12	200	5.0	233	SW	47.3	42.9	11.9	0	0	0	0

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Alarms											
PM2.5 1 Hour Average – 80 ug/m3											
TSP 1 Hour Average – 267 ug/m3											
Sound alarm 1 Hour Average – 85 dba											
All Times are Mountain Standard Time											
22-May-12	800	21.8	294	WNW	56.2	11.5	2.1	0	0	0	0
27-May-12	300	3.8	250	WSW	46.7	30.8	12.4	0	0	0	0
27-May-12	400	5.1	292	WNW	49.0	39.5	12.1	0	0	0	0
27-May-12	500	6.3	68	ENE	47.7	51.6	21.0	0	0	0	0
27-May-12	600	11.0	157	SSE	53.3	37.7	14.4	0	0	0	0
27-May-12	700	11.8	176	S	53.8	41.6	12.7	0	0	0	0
27-May-12	800	14.6	173	S	51.9	45.0	13.2	0	0	0	0
27-May-12	900	11.6	166	SSE	50.1	46.2	18.4	0	0	0	0
27-May-12	1000	12.7	149	SSE	52.7	41.0	16.0	0	0	0	0
27-May-12	1100	12.3	112	ESE	53.3	31.6	10.9	0	0	0	0
27-May-12	1200	10.0	102	ESE	51.9	32.3	13.9	0	0	0	0
27-May-12	1300	9.3	102	ESE	52.2	24.7	12.1	0	0	0	0
27-May-12	1400	10.0	111	ESE	52.2	30.6	7.7	0	0	0	0
27-May-12	1500	6.5	141	SE	51.6	36.0	15.2	0	0	0	0
27-May-12	1600	7.0	80	E	48.9	39.8	16.9	0	0	0	0
27-May-12	1700	7.1	45	NE	49.2	39.5	12.8	0	0	0	0
27-May-12	1800	6.4	93	E	49.1	37.7	18.1	0	0	0	0
27-May-12	1900	6.9	76	ENE	48.4	37.9	15.6	0	0	0	0
27-May-12	2000	4.0	44	NE	50.2	28.3	7.8	0	0	0	0
27-May-12	2100	4.7	353	N	48.6	93.7	17.0	0	0	0	0

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Alarms											
PM2.5 1 Hour Average – 80 ug/m3											
TSP 1 Hour Average – 267 ug/m3											
Sound alarm 1 Hour Average – 85 dba											
All Times are Mountain Standard Time											
22-May-12	800	21.8	294	WNW	56.2	11.5	2.1	0	0	0	0
27-May-12	2200	3.1	155	SSE	47.4	28.4	9.1	0	0	0	0
27-May-12	2300	4.7	143	SE	46.6	28.6	11.8	0	0	0	0
27-May-12	2400	5.7	126	SE	46.6	28.4	10.3	0	0	0	0
28-May-12	100	8.0	127	SE	45.4	27.9	6.2	0	0	0	0
28-May-12	200	17.3	165	SSE	49.7	35.3	8.8	0	0	0	0
28-May-12	300	24.1	174	S	58.0	41.5	19.7	0	0	0	0
28-May-12	400	23.6	181	S	56.9	25.5	10.5	0	0	0	0
28-May-12	500	18.4	195	SSW	53.4	25.5	10.6	0	0	0	0
28-May-12	600	15.8	201	SSW	56.1	26.5	9.1	0	0	0	0
28-May-12	700	17.2	195	SSW	56.5	26.3	10.8	0	0	0	0