

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
<u>Alarms</u>											
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											
13-Feb-12	800	7.2	323	NW	51.9	10.2	2.0	0.0	0	0	0
13-Feb-12	900	6.9	297	WNW	53.1	3.2	1.2	0.0	0	0	0
13-Feb-12	1000	5.9	314	NW	52.3	3.6	0.8	0.0	0	0	0
13-Feb-12	1100	3.6	330	NNW	52.9	3.1	0.7	0.0	0	0	0
13-Feb-12	1200	8.4	108	ESE	53.8	5.8	1.3	0.0	0	0	0
13-Feb-12	1300	7.9	98	E	52.8	1.4	0.7	0.0	0	0	0
13-Feb-12	1400	10.3	61	ENE	52.1	3.9	1.6	0.0	0	0	0
13-Feb-12	1500	15.8	39	NE	52.8	5.1	2.7	0.0	0	0	0
13-Feb-12	1600	19.5	14	NNE	55.2	4.7	2.6	0.0	0	0	0
13-Feb-12	1700	26.1	6	N	56.7	1.4	0.4	0.0	0	0	0
13-Feb-12	1800	21.2	355	NNW	53.2	1.5	0.8	0.0	0	0	0
13-Feb-12	1900	23.2	343	NNW	57.4	4.0	2.3	0.0	0	0	0
13-Feb-12	2000	21.3	341	NNW	55.4	4.9	1.6	0.0	0	0	0
13-Feb-12	2100	17.3	340	NNW	51.4	3.3	1.7	0.0	0	0	0
13-Feb-12	2200	11.0	298	WNW	45.0	2.2	1.1	0.0	0	0	0
13-Feb-12	2300	11.0	282	WNW	43.7	3.9	1.5	0.0	0	0	0
13-Feb-12	2400	13.9	305	NW	45.1	5.1	4.3	0.0	0	0	0
14-Feb-12	100	14.1	302	WNW	43.9	6.2	5.7	0.0	0	0	0
14-Feb-12	200	11.8	299	WNW	42.6	3.0	2.1	0.0	0	0	0
14-Feb-12	300	11.1	300	WNW	43.1	2.7	1.4	0.0	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											
14-Feb-12	400	8.7	294	WNW	43.5	1.6	0.7	0.0	0	0	0
14-Feb-12	500	9.0	286	WNW	43.1	6.6	1.8	0.0	0	0	0
14-Feb-12	600	8.7	291	WNW	44.7	10.0	6.6	0.0	0	0	0
14-Feb-12	700	9.8	276	W	51.3	18.2	14.0	0.0	0	0	0
14-Feb-12	800	12.1	271	W	50.6	40.6	18.0	0.0	0	0	0
14-Feb-12	900	13.2	262	W	52.0	24.2	11.9	0.0	0	0	0
14-Feb-12	1000	9.4	265	W	50.0	12.3	3.9	0.0	0	0	0
14-Feb-12	1100	8.8	239	WSW	48.5	10.5	3.5	0.0	0	0	0
14-Feb-12	1200	10.9	228	SW	49.5	2.7	0.9	0.0	0	0	0
14-Feb-12	1300	9.7	250	WSW	47.4	2.7	1.1	0.0	0	0	0
14-Feb-12	1400	11.6	312	NW	47.7	5.0	1.1	0.0	0	0	0
14-Feb-12	1500	10.4	333	NNW	48.9	0.9	0.3	0.0	0	0	0
14-Feb-12	1600	7.7	344	NNW	50.6	1.2	0.4	0.0	0	0	0
14-Feb-12	1700	9.5	9	N	51.3	2.0	0.6	0.0	0	0	0
14-Feb-12	1800	4.7	26	NNE	50.8	3.2	1.4	0.0	0	0	0
14-Feb-12	1900	5.2	326	NW	48.4	4.3	2.5	0.0	0	0	0
14-Feb-12	2000	9.3	251	WSW	48.0	4.9	4.2	0.0	0	0	0
14-Feb-12	2100	11.0	257	WSW	44.9	3.6	1.8	0.0	0	0	0
14-Feb-12	2200	13.1	305	NW	46.3	1.7	1.1	0.0	0	0	0
14-Feb-12	2300	13.4	315	NW	47.6	4.6	1.5	0.0	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
<u>Alarms</u>											
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											
14-Feb-12	2400	10.0	299	WNW	44.1	3.2	2.0	0.0	0	0	0
15-Feb-12	100	9.6	273	W	42.6	2.2	1.1	0.0	0	0	0
15-Feb-12	200	8.8	260	W	43.1	9.3	6.5	0.0	0	0	0
15-Feb-12	300	9.9	261	W	43.6	16.3	6.0	0.0	0	0	0
15-Feb-12	400	14.0	265	W	42.1	8.5	2.1	0.0	0	0	0
15-Feb-12	500	15.0	257	WSW	42.7	4.2	1.7	0.0	0	0	0
15-Feb-12	600	18.8	263	W	45.9	7.5	4.9	0.0	0	0	0
15-Feb-12	700	21.5	263	W	49.8	7.2	2.2	0.0	0	0	0
15-Feb-12	800	17.6	258	WSW	50.1	7.1	1.7	0.0	0	0	0
15-Feb-12	900	17.1	266	W	49.9	5.8	2.5	0.0	0	0	0
15-Feb-12	1000	18.9	267	W	48.6	10.4	7.2	0.0	0	0	0
15-Feb-12	1100	18.3	262	W	49.1	4.0	1.4	0.0	0	0	0
15-Feb-12	1200	13.4	260	W	47.2	5.3	1.4	0.0	0	0	0
15-Feb-12	1300	18.8	291	WNW	49.1	3.0	1.9	0.0	0	0	0
15-Feb-12	1400	17.5	293	WNW	48.8	4.5	2.6	0.0	0	0	0
15-Feb-12	1500	12.6	292	WNW	48.2	1.6	0.4	0.0	0	0	0
15-Feb-12	1600	9.0	275	W	49.3	1.5	0.4	0.0	0	0	0
15-Feb-12	1700	8.7	238	WSW	50.7	1.4	0.4	0.0	0	0	0
15-Feb-12	1800	9.5	205	SSW	50.1	9.4	1.6	0.0	0	0	0
15-Feb-12	1900	12.9	181	S	49.5	25.0	6.8	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											
15-Feb-12	2000	9.6	197	SSW	46.5	15.5	6.1	0.0	0	0	0
15-Feb-12	2100	12.6	247	WSW	45.2	4.9	3.4	0.0	0	0	0
15-Feb-12	2200	19.5	289	WNW	48.5	7.7	5.2	0.0	0	0	0
15-Feb-12	2300	13.9	319	NW	49.0	9.4	5.8	0.0	0	0	0
15-Feb-12	2400	9.5	304	NW	44.3	7.4	3.0	0.0	0	0	0
16-Feb-12	100	11.2	315	NW	44.1	7.2	2.9	0.0	0	0	0
16-Feb-12	200	10.3	320	NW	43.9	11.9	4.7	0.0	0	0	0
16-Feb-12	300	8.4	321	NW	44.0	7.7	2.0	0.0	0	0	0
16-Feb-12	400	8.6	309	NW	41.6	2.4	1.0	0.0	0	0	0
16-Feb-12	500	5.8	279	W	41.5	3.0	1.4	0.0	0	0	0
16-Feb-12	600	5.7	227	SW	45.8	4.5	0.9	0.0	0	0	0
16-Feb-12	700	7.2	219	SW	50.2	13.8	8.5	0.0	0	0	0
16-Feb-12	800	7.7	222	SW	53.0	5.4	1.3	0.0	0	0	0
16-Feb-12	900	9.1	230	SW	54.0	8.1	5.8	0.0	0	0	0
16-Feb-12	1000	10.7	219	SW	52.3	8.0	4.9	0.0	0	0	0
16-Feb-12	1100	9.8	208	SSW	50.3	10.4	4.9	0.0	0	0	0
16-Feb-12	1200	9.7	191	SSW	50.0	10.8	4.6	0.0	0	0	0
16-Feb-12	1300	9.6	170	S	50.4	19.9	9.4	0.0	0	0	0
16-Feb-12	1400	9.5	164	SSE	49.4	4.4	0.9	0.0	0	0	0
16-Feb-12	1500	9.0	170	S	50.7	2.6	0.8	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											
16-Feb-12	1600	10.3	168	SSE	51.8	16.0	2.4	0.0	0	0	0
16-Feb-12	1700	9.6	168	SSE	51.0	29.6	6.6	0.0	0	0	0
16-Feb-12	1800	9.2	159	SSE	51.4	33.7	10.0	0.0	0	0	0
16-Feb-12	1900	8.7	163	SSE	49.3	38.1	12.4	0.0	0	0	0
16-Feb-12	2000	7.2	167	SSE	48.2	33.3	9.5	0.0	0	0	0
16-Feb-12	2100	8.5	215	SW	46.4	23.3	7.4	0.0	0	0	0
16-Feb-12	2200	16.2	263	W	46.5	1.8	0.5	0.0	0	0	0
16-Feb-12	2300	23.2	278	W	52.8	3.0	1.7	0.0	0	0	0
16-Feb-12	2400	22.0	287	WNW	50.2	2.7	1.2	0.0	0	0	0
17-Feb-12	100	19.7	285	WNW	47.6	5.2	1.4	0.0	0	0	0
17-Feb-12	200	18.3	289	WNW	46.6	13.5	5.1	0.0	0	0	0
17-Feb-12	300	16.8	300	WNW	46.4	15.2	5.8	0.0	0	0	0
17-Feb-12	400	14.7	305	NW	45.4	2.9	1.4	0.0	0	0	0
17-Feb-12	500	9.0	293	WNW	42.7	2.9	1.7	0.0	0	0	0
17-Feb-12	600	11.2	283	WNW	43.2	12.2	7.9	0.0	0	0	0
17-Feb-12	700	14.5	282	WNW	47.0	15.3	4.2	0.0	0	0	0
17-Feb-12	800	10.6	278	W	50.9	2.9	0.9	0.0	0	0	0
17-Feb-12	900	15.0	272	W	50.8	3.2	1.6	0.0	0	0	0
17-Feb-12	1000	12.7	260	W	50.7	6.3	2.7	0.0	0	0	0
17-Feb-12	1100	11.8	239	WSW	49.4	14.4	6.2	0.0	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											
17-Feb-12	1200	14.2	214	SSW	52.0	5.7	2.2	0.0	0	0	0
17-Feb-12	1300	16.4	192	SSW	53.7	3.6	1.5	0.0	0	0	0
17-Feb-12	1400	18.8	177	S	54.5	10.7	6.7	0.0	0	0	0
17-Feb-12	1500	19.1	163	SSE	54.6	4.4	2.6	0.0	0	0	0
17-Feb-12	1600	16.1	151	SSE	52.9	10.2	3.3	0.0	0	0	0
17-Feb-12	1700	17.2	164	SSE	52.7	16.2	7.2	0.0	0	0	0
17-Feb-12	1800	16.0	167	SSE	52.4	6.8	1.3	0.0	0	0	0
17-Feb-12	1900	13.8	172	S	50.7	20.3	6.5	0.0	0	0	0
17-Feb-12	2000	18.1	177	S	51.8	14.8	6.8	0.0	0	0	0
17-Feb-12	2100	18.5	179	S	53.5	21.9	7.7	0.0	0	0	0
17-Feb-12	2200	11.6	173	S	47.4	12.9	6.0	0.0	0	0	0
17-Feb-12	2300	8.4	174	S	48.0	14.2	5.6	0.0	0	0	0
17-Feb-12	2400	12.4	193	SSW	47.1	18.5	6.1	0.0	0	0	0
18-Feb-12	100	9.2	193	SSW	45.0	13.3	4.5	0.0	0	0	0
18-Feb-12	200	7.5	200	SSW	45.0	15.6	4.7	0.0	0	0	0
18-Feb-12	300	6.5	258	WSW	43.4	5.3	2.6	0.0	0	0	0
18-Feb-12	400	4.9	221	SW	43.0	5.4	3.8	0.0	0	0	0
18-Feb-12	500	10.3	200	SSW	45.1	9.3	5.0	0.0	0	0	0
18-Feb-12	600	17.3	243	WSW	45.4	6.7	2.5	0.0	0	0	0
18-Feb-12	700	13.5	242	WSW	45.3	7.2	4.7	0.0	0	0	0

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<u>Alarms</u>											
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											
18-Feb-12	800	11.1	248	WSW	45.9	4.4	1.9	0.0	0	0	0
18-Feb-12	900	10.8	233	SW	47.1	6.9	2.1	0.0	0	0	0
18-Feb-12	1000	15.1	246	WSW	48.6	3.2	0.7	0.0	0	0	0
18-Feb-12	1100	15.3	253	WSW	47.1	3.0	1.0	0.0	0	0	0
18-Feb-12	1200	21.0	251	WSW	51.1	7.1	1.5	0.0	0	0	0
18-Feb-12	1300	28.1	248	WSW	55.9	2.9	1.6	0.0	0	0	0
18-Feb-12	1400	27.2	251	WSW	54.9	1.6	1.3	0.0	0	0	0
18-Feb-12	1500	19.8	261	W	49.9	1.0	0.3	0.0	0	0	0
18-Feb-12	1600	14.6	260	W	46.9	2.1	0.5	0.0	0	0	0
18-Feb-12	1700	16.4	248	WSW	46.1	1.9	0.8	0.0	0	0	0
18-Feb-12	1800	12.4	258	WSW	47.1	1.3	0.4	0.0	0	0	0
18-Feb-12	1900	6.9	32	NNE	48.7	3.1	0.7	0.0	0	0	0
18-Feb-12	2000	3.8	342	NNW	46.5	3.2	2.1	0.0	0	0	0
18-Feb-12	2100	9.3	241	WSW	44.0	0.9	0.8	0.0	0	0	0
18-Feb-12	2200	11.2	243	WSW	44.2	2.6	2.0	0.0	0	0	0
18-Feb-12	2300	10.5	246	WSW	45.4	2.9	2.3	0.0	0	0	0
18-Feb-12	2400	9.9	231	SW	43.3	1.0	0.3	0.0	0	0	0
19-Feb-12	100	10.3	235	SW	41.4	1.7	0.9	0.0	0	0	0
19-Feb-12	200	9.9	236	SW	41.5	2.3	1.0	0.0	0	0	0
19-Feb-12	300	10.6	226	SW	42.2	2.9	2.8	0.0	0	0	0

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<u>Alarms</u>											
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											
19-Feb-12	400	12.9	238	WSW	44.1	1.5	0.4	0.0	0	0	0
19-Feb-12	500	14.8	254	WSW	42.2	2.1	0.5	0.0	0	0	0
19-Feb-12	600	16.3	252	WSW	43.3	3.1	2.8	0.0	0	0	0
19-Feb-12	700	17.3	260	W	44.7	0.7	0.4	0.0	0	0	0
19-Feb-12	800	15.0	256	WSW	43.3	1.6	1.3	0.0	0	0	0
19-Feb-12	900	17.4	259	WSW	45.4	0.9	0.4	0.0	0	0	0
19-Feb-12	1000	17.0	257	WSW	46.6	2.1	1.7	0.0	0	0	0
19-Feb-12	1100	16.0	261	W	47.4	1.3	0.9	0.0	0	0	0
19-Feb-12	1200	18.0	262	W	48.1	1.9	0.4	0.0	0	0	0
19-Feb-12	1300	14.7	26	NNE	49.0	1.6	0.4	0.0	0	0	0
19-Feb-12	1400	13.5	53	NE	47.4	3.3	0.9	0.0	0	0	0
19-Feb-12	1500	12.5	87	E	48.1	8.0	5.7	0.0	0	0	0
19-Feb-12	1600	12.2	122	ESE	49.5	13.7	10.6	0.0	0	0	0
19-Feb-12	1700	14.5	152	SSE	49.2	16.0	7.0	0.0	0	0	0
19-Feb-12	1800	13.9	168	SSE	48.3	14.3	5.8	0.0	0	0	0
19-Feb-12	1900	11.7	181	S	47.6	15.7	4.3	0.0	0	0	0
19-Feb-12	2000	10.8	184	S	46.6	24.4	18.5	0.0	0	0	0
19-Feb-12	2100	12.2	237	WSW	43.6	13.5	8.1	0.0	0	0	0
19-Feb-12	2200	12.1	277	W	42.6	1.6	1.3	0.0	0	0	0
19-Feb-12	2300	14.4	335	NNW	47.0	2.0	0.7	0.0	0	0	0

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<u>Alarms</u>											
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											
19-Feb-12	2400	18.7	14	NNE	47.4	3.8	1.6	0.0	0	0	0
20-Feb-12	100	16.2	17	NNE	43.8	3.8	1.9	0.0	0	0	0
20-Feb-12	200	12.1	4	N	41.0	1.6	0.9	0.0	0	0	0
20-Feb-12	300	12.5	346	NNW	43.6	1.1	0.5	0.0	0	0	0
20-Feb-12	400	7.9	308	NW	43.0	2.0	0.8	0.0	0	0	0
20-Feb-12	500	7.9	299	WNW	43.5	1.0	0.4	0.0	0	0	0
20-Feb-12	600	5.7	251	WSW	44.1	0.8	0.3	0.0	0	0	0
20-Feb-12	700	8.5	226	SW	44.7	1.0	0.4	0.0	0	0	0