

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											
27-Jun-11	700	8.8	245	WSW	55.8	239.9	103.2	0	0	0	1
27-Jun-11	800	9.8	227	SW	54.5	231.5	95.6	0	0	0	1
27-Jun-11	900	10.0	229	SW	53.2	169.7	76.9	0	0	0	0
27-Jun-11	1000	10.1	195	SSW	54.4	157.4	68.2	0	0	0	0
27-Jun-11	1100	10.5	170	S	55.2	147.0	66.6	0	0	0	0
27-Jun-11	1200	13.2	168	SSE	56.1	87.0	33.7	0	0	0	0
27-Jun-11	1300	12.3	170	S	56.0	70.3	20.1	0	0	0	0
27-Jun-11	1400	9.0	158	SSE	55.3	7.0	2.2	0	0	0	0
27-Jun-11	1500	13.3	169	SSE	55.7	19.8	5.4	0	0	0	0
27-Jun-11	1600	16.9	167	SSE	54.1	85.0	14.5	0	0	0	0
27-Jun-11	1700	18.1	165	SSE	53.3	109.4	25.0	0	0	0	0
27-Jun-11	1800	19.0	157	SSE	53.1	78.1	24.5	0	0	0	0
27-Jun-11	1900	18.9	158	SSE	51.6	68.7	26.8	0	0	0	0
27-Jun-11	2000	19.4	158	SSE	51.7	74.5	31.3	0	0	0	0
27-Jun-11	2100	16.3	161	SSE	49.5	81.0	35.1	0	0	0	0
27-Jun-11	2200	10.6	157	SSE	48.1	81.4	37.8	0	0	0	0
27-Jun-11	2300	8.9	210	SSW	47.4	98.9	41.3	0	0	0	0
27-Jun-11	2400	9.2	250	WSW	50.2	74.3	34.6	0	0	0	0
28-Jun-11	100	12.3	287	WNW	48.6	22.7	13.9	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											
28-Jun-11	200	14.5	278	W	47.0	12.7	8.6	0	0	0	0
28-Jun-11	300	18.3	281	WNW	48.2	8.4	4.2	0	0	0	0
28-Jun-11	400	16.2	281	W	47.1	10.9	5.4	0	0	0	0
28-Jun-11	500	17.2	313	NW	50.1	16.1	9.0	0	0	0	0
28-Jun-11	600	16.3	330	NNW	55.0	111.1	40.2	0	0	0	0
28-Jun-11	700	11.4	320	NW	53.8	166.8	55.7	0	0	0	0
28-Jun-11	800	9.2	320	NW	53.1	72.6	30.0	0	0	0	0
28-Jun-11	900	11.1	285	WNW	52.8	21.6	8.2	0	0	0	0
28-Jun-11	1000	8.2	238	WSW	53.5	14.2	7.7	0	0	0	0
28-Jun-11	1100	11.6	168	SSE	55.0	26.9	5.6	0	0	0	0
28-Jun-11	1200	17.2	173	S	55.6	5.7	1.3	0	0	0	0
28-Jun-11	1300	17.4	179	S	55.6	3.3	0.9	0	0	0	0
28-Jun-11	1400	21.2	166	SSE	57.3	11.5	2.1	0	0	0	0
28-Jun-11	1500	18.4	187	S	54.9	2.1	0.6	0	0	0	0
28-Jun-11	1600	15.4	180	S	52.5	7.7	2.2	0	0	0	0
28-Jun-11	1700	17.4	179	S	52.4	15.7	4.8	0	0	0	0
28-Jun-11	1800	20.8	174	S	53.8	25.4	7.3	0	0	0	0
28-Jun-11	1900	19.0	175	S	52.5	26.9	7.2	0	0	0	0
28-Jun-11	2000	11.3	170	S	48.0	23.6	8.2	0	0	0	0

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											
28-Jun-11	2100	10.8	174	S	49.4	30.9	8.5	0	0	0	0
28-Jun-11	2200	6.0	170	S	47.6	31.0	12.5	0	0	0	0
28-Jun-11	2300	5.4	166	SSE	46.3	37.9	9.8	0	0	0	0
28-Jun-11	2400	4.0	203	SSW	46.9	69.0	19.3	0	0	0	0
29-Jun-11	100	16.1	267	W	48.3	20.9	11.2	0	0	0	0
29-Jun-11	200	17.4	272	W	48.1	9.6	6.7	0	0	0	0
29-Jun-11	300	12.9	246	WSW	46.5	8.6	6.1	0	0	0	0
29-Jun-11	400	7.3	251	WSW	47.7	6.8	2.7	0	0	0	0
29-Jun-11	500	8.2	251	WSW	50.6	1.6	1.3	0	0	0	0
29-Jun-11	600	7.4	236	WSW	54.9	3.1	2.0	0	0	0	0
29-Jun-11	700	7.8	211	SSW	55.8	6.4	2.6	0	0	0	0
29-Jun-11	800	10.1	184	S	56.2	17.8	4.1	0	0	0	0
29-Jun-11	900	15.6	205	SSW	57.0	7.0	2.3	0	0	0	0
29-Jun-11	1000	15.4	233	SW	55.9	4.3	2.9	0	0	0	0
29-Jun-11	1100	13.9	270	W	54.8	1.4	0.4	0	0	0	0
29-Jun-11	1200	13.2	265	W	55.1	1.6	0.4	0	0	0	0
29-Jun-11	1300	15.5	240	WSW	56.7	1.2	0.3	0	0	0	0
29-Jun-11	1400	18.5	236	SW	56.2	2.4	0.6	0	0	0	0
29-Jun-11	1500	15.2	259	W	52.5	2.6	1.0	0	0	0	0

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											
29-Jun-11	1600	15.8	274	W	50.7	2.7	0.8	0	0	0	0
29-Jun-11	1700	23.0	277	W	54.9	3.4	0.8	0	0	0	0
29-Jun-11	1800	31.1	289	WNW	58.4	13.0	3.8	0	0	0	0
29-Jun-11	1900	26.5	281	W	55.0	4.6	2.8	0	0	0	0
29-Jun-11	2000	23.0	268	W	53.4	4.8	3.3	0	0	0	0
29-Jun-11	2100	19.5	264	W	53.0	3.0	2.4	0	0	0	0
29-Jun-11	2200	19.6	266	W	51.3	3.5	2.5	0	0	0	0
29-Jun-11	2300	21.7	274	W	51.3	4.2	2.3	0	0	0	0
29-Jun-11	2400	21.3	286	WNW	50.7	3.4	2.4	0	0	0	0
30-Jun-11	100	21.2	308	NW	51.0	19.5	6.4	0	0	0	0
30-Jun-11	200	11.8	324	NW	47.0	25.3	5.3	0	0	0	0
30-Jun-11	300	12.3	335	NNW	46.9	40.1	12.4	0	0	0	0
30-Jun-11	400	7.6	353	N	47.6	13.6	5.0	0	0	0	0
30-Jun-11	500	6.3	312	NW	53.8	9.3	5.3	0	0	0	0
30-Jun-11	600	5.4	301	WNW	55.6	7.8	2.8	0	0	0	0
30-Jun-11	700	11.1	231	SW	56.0	4.4	2.6	0	0	0	0
30-Jun-11	800	12.5	240	WSW	55.0	6.0	3.9	0	0	0	0
30-Jun-11	900	11.4	258	WSW	54.2	3.2	2.1	0	0	0	0
30-Jun-11	1000	9.6	279	W	52.2	2.8	1.3	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											
30-Jun-11	1100	10.3	42	NE	56.0	42.3	9.7	0	0	0	0
30-Jun-11	1200	14.8	88	E	56.5	45.6	11.8	0	0	0	0
30-Jun-11	1300	10.7	90	E	57.0	34.4	9.2	0	0	0	0
30-Jun-11	1400	14.9	250	WSW	54.0	6.3	3.0	0	0	0	0
30-Jun-11	1500	24.5	250	WSW	56.7	15.0	5.3	0	0	0	0
30-Jun-11	1600	22.5	255	WSW	54.6	7.4	2.2	0	0	0	0
30-Jun-11	1700	21.5	342	NNW	55.7	49.4	9.3	0	0	0	0
30-Jun-11	1800	17.1	7	N	52.5	25.3	6.2	0	0	0	0
30-Jun-11	1900	12.8	4	N	52.1	17.5	5.5	0	0	0	0
30-Jun-11	2000	6.0	55	NE	53.1	22.1	5.9	0	0	0	0
30-Jun-11	2100	5.5	43	NE	49.2	45.3	11.9	0	0	0	0
30-Jun-11	2200	8.4	24	NNE	46.8	24.1	7.3	0	0	0	0
30-Jun-11	2300	9.0	40	NE	44.1	12.9	6.1	0	0	0	0
30-Jun-11	2400	6.0	86	E	45.2	16.7	7.1	0	0	0	0
1-Jul-11	100	7.5	212	SSW	45.5	11.7	6.3	0	0	0	0
1-Jul-11	200	10.4	219	SW	45.9	11.4	5.5	0	0	0	0
1-Jul-11	300	13.1	238	WSW	44.7	15.3	4.3	0	0	0	0
1-Jul-11	400	13.8	258	WSW	44.8	8.9	7.7	0	0	0	0
1-Jul-11	500	12.8	268	W	55.8	1.5	1.2	0	0	0	0

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											
1-Jul-11	600	18.9	306	NW	53.0	9.4	3.8	0	0	0	0
1-Jul-11	700	15.7	338	NNW	54.2	6.4	1.9	0	0	0	0
1-Jul-11	800	9.3	360	N	53.9	7.0	2.9	0	0	0	0
1-Jul-11	900	8.6	21	NNE	53.2	16.6	12.9	0	0	0	0
1-Jul-11	1000	7.0	307	NW	51.4	7.1	5.2	0	0	0	0
1-Jul-11	1100	13.7	269	W	51.6	7.5	3.9	0	0	0	0
1-Jul-11	1200	16.0	270	W	50.7	2.9	1.6	0	0	0	0
1-Jul-11	1300	19.3	282	WNW	53.2	2.4	1.1	0	0	0	0
1-Jul-11	1400	22.8	283	WNW	53.6	1.4	0.3	0	0	0	0
1-Jul-11	1500	23.0	284	WNW	52.7	1.5	0.4	0	0	0	0
1-Jul-11	1600	22.1	276	W	52.6	1.0	0.2	0	0	0	0
1-Jul-11	1700	21.6	274	W	52.3	1.4	0.3	0	0	0	0
1-Jul-11	1800	20.1	274	W	49.9	1.5	0.3	0	0	0	0
1-Jul-11	1900	20.2	266	W	50.9	1.7	0.4	0	0	0	0
1-Jul-11	2000	22.2	275	W	51.2	2.2	1.5	0	0	0	0
1-Jul-11	2100	18.0	267	W	49.3	2.2	2.2	0	0	0	0
1-Jul-11	2200	17.7	273	W	48.9	4.5	4.4	0	0	0	0
1-Jul-11	2300	15.8	272	W	45.7	2.7	2.4	0	0	0	0
1-Jul-11	2400	13.0	276	W	44.2	6.6	5.3	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											
2-Jul-11	100	15.7	278	W	45.0	3.0	1.6	0	0	0	0
2-Jul-11	200	13.7	281	W	45.4	4.6	1.9	0	0	0	0
2-Jul-11	300	11.5	270	W	45.3	6.8	4.9	0	0	0	0
2-Jul-11	400	12.8	270	W	45.0	4.2	1.8	0	0	0	0
2-Jul-11	500	10.7	263	W	50.7	6.1	5.7	0	0	0	0
2-Jul-11	600	10.7	238	WSW	51.2	9.8	6.7	0	0	0	0
2-Jul-11	700	11.1	222	SW	50.5	3.7	1.4	0	0	0	0
2-Jul-11	800	11.9	193	SSW	48.5	6.1	3.3	0	0	0	0
2-Jul-11	900	12.7	195	SSW	48.7	4.1	2.8	0	0	0	0
2-Jul-11	1000	14.0	210	SSW	52.8	15.5	3.8	0	0	0	0
2-Jul-11	1100	13.7	217	SW	51.6	12.2	5.3	0	0	0	0
2-Jul-11	1200	11.0	235	SW	49.2	2.6	0.7	0	0	0	0
2-Jul-11	1300	7.6	212	SSW	50.1	0.4	0.3	0	0	0	0
2-Jul-11	1400	9.9	206	SSW	49.7	0.7	0.4	0	0	0	0
2-Jul-11	1500	10.0	189	S	49.9	1.8	0.6	0	0	0	0
2-Jul-11	1600	12.5	174	S	50.4	3.2	1.1	0	0	0	0
2-Jul-11	1700	12.7	172	S	49.5	5.2	1.8	0	0	0	0
2-Jul-11	1800	15.6	167	SSE	49.9	26.5	7.3	0	0	0	0
2-Jul-11	1900	15.5	168	SSE	50.7	28.3	10.3	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											
2-Jul-11	2000	13.8	143	SE	49.8	27.2	11.3	0	0	0	0
2-Jul-11	2100	11.2	125	SE	51.1	28.0	12.2	0	0	0	0
2-Jul-11	2200	8.0	126	SE	47.8	37.7	15.9	0	0	0	0
2-Jul-11	2300	8.5	164	SSE	45.4	49.3	18.2	0	0	0	0
2-Jul-11	2400	7.7	184	S	45.6	62.2	23.8	0	0	0	0
3-Jul-11	100	7.5	193	SSW	45.1	65.4	26.7	0	0	0	0
3-Jul-11	200	9.4	230	SW	45.2	49.1	20.7	0	0	0	0
3-Jul-11	300	9.2	234	SW	44.7	35.6	22.3	0	0	0	0
3-Jul-11	400	10.9	244	WSW	44.4	45.9	23.6	0	0	0	0
3-Jul-11	500	9.3	243	WSW	45.9	41.0	29.4	0	0	0	0
3-Jul-11	600	11.1	253	WSW	48.9	39.2	19.8	0	0	0	0
3-Jul-11	700	14.3	259	W	46.5	34.3	14.4	0	0	0	0
3-Jul-11	800	14.2	228	SW	47.7	26.3	12.8	0	0	0	0
3-Jul-11	900	11.3	205	SSW	47.6	23.2	9.0	0	0	0	0
3-Jul-11	1000	16.4	181	S	49.3	15.7	5.8	0	0	0	0
3-Jul-11	1100	14.3	188	S	49.9	0.7	0.4	0	0	0	0
3-Jul-11	1200	16.9	188	S	52.6	0.4	0.3	0	0	0	0
3-Jul-11	1300	37.5	283	WNW	64.5	2.4	1.3	0	0	0	0
3-Jul-11	1400	27.4	278	W	55.8	13.5	9.9	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											
3-Jul-11	1500	28.3	280	W	56.6	2.8	0.8	0	0	0	0
3-Jul-11	1600	33.1	282	WNW	59.8	1.3	0.5	0	0	0	0
3-Jul-11	1700	33.7	286	WNW	60.5	2.1	0.7	0	0	0	0
3-Jul-11	1800	31.7	290	WNW	58.7	1.8	0.7	0	0	0	0
3-Jul-11	1900	28.0	295	WNW	56.2	4.5	1.2	0	0	0	0
3-Jul-11	2000	24.0	302	WNW	51.9	7.8	4.2	0	0	0	0
3-Jul-11	2100	21.1	333	NNW	52.2	20.8	11.0	0	0	0	0
3-Jul-11	2200	13.7	2	N	47.9	16.5	10.6	0	0	0	0
3-Jul-11	2300	9.3	0	N	44.0	7.1	5.5	0	0	0	0
3-Jul-11	2400	9.4	354	N	43.9	13.8	13.0	0	0	0	0
4-Jul-11	100	6.0	311	NW	44.6	11.1	10.4	0	0	0	0
4-Jul-11	200	7.3	263	W	44.5	9.7	6.0	0	0	0	0
4-Jul-11	300	7.9	275	W	44.7	13.4	9.6	0	0	0	0
4-Jul-11	400	5.3	294	WNW	45.2	15.4	12.5	0	0	0	0
4-Jul-11	500	3.6	277	W	49.6	8.8	3.6	0	0	0	0
4-Jul-11	600	2.5	206	SSW	52.5	14.0	11.6	0	0	0	0
4-Jul-11	700	5.5	60	ENE	53.4	54.5	46.4	0	0	0	0