

## 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
<b>Alarms</b>											
<b>PM2.5</b>		1 Hour Average – <b>80 ug/m3</b>									
<b>TSP</b>		1 Hour Average – <b>267 ug/m3</b>									
<b>Sound alarm</b>		1 Hour Average – <b>85 dba</b>									
<b>All Times are Mountain Standard Time</b>											
30-Jan-12	800	16.4	241	WSW	53.9	1.6	0.9	0.0	0	0	0
30-Jan-12	900	15.9	249	WSW	54.7	1.7	0.7	0.0	0	0	0
30-Jan-12	1000	17.1	252	WSW	53.5	1.5	1.1	0.0	0	0	0
30-Jan-12	1100	18.2	252	WSW	52.2	1.1	0.5	0.0	0	0	0
30-Jan-12	1200	20.3	252	WSW	53.2	2.0	1.2	0.0	0	0	0
30-Jan-12	1300	21.1	249	WSW	54.0	1.4	0.4	0.0	0	0	0
30-Jan-12	1400	20.8	251	WSW	52.5	0.9	0.3	0.0	0	0	0
30-Jan-12	1500	22.9	261	W	55.1	1.0	0.3	0.0	0	0	0
30-Jan-12	1600	26.9	271	W	56.8	1.3	0.7	0.0	0	0	0
30-Jan-12	1700	23.0	270	W	54.0	1.3	0.3	0.0	0	0	0
30-Jan-12	1800	22.5	271	W	54.0	3.7	2.1	0.0	0	0	0
30-Jan-12	1900	19.6	263	W	51.4	3.9	1.6	0.0	0	0	0
30-Jan-12	2000	20.3	267	W	52.7	1.2	0.9	0.0	0	0	0
30-Jan-12	2100	22.2	266	W	53.5	1.4	0.9	0.0	0	0	0
30-Jan-12	2200	18.0	262	W	52.7	1.0	0.5	0.0	0	0	0
30-Jan-12	2300	17.6	260	W	52.2	1.0	0.5	0.0	0	0	0
30-Jan-12	2400	16.4	260	W	51.5	1.0	0.4	0.0	0	0	0
31-Jan-12	100	15.5	256	WSW	51.0	1.5	1.0	0.0	0	0	0
31-Jan-12	200	11.7	247	WSW	50.1	1.3	0.8	0.0	0	0	0
31-Jan-12	300	14.6	245	WSW	51.8	1.4	0.7	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
<b>Alarms</b>											
<b>PM2.5</b>		1 Hour Average – <b>80 ug/m3</b>									
<b>TSP</b>		1 Hour Average – <b>267 ug/m3</b>									
<b>Sound alarm</b>		1 Hour Average – <b>85 dba</b>									
<b>All Times are Mountain Standard Time</b>											
31-Jan-12	400	14.8	241	WSW	51.3	1.0	0.5	0.0	0	0	0
31-Jan-12	500	15.1	250	WSW	50.2	1.0	0.6	0.0	0	0	0
31-Jan-12	600	15.1	260	W	50.9	1.9	1.0	0.0	0	0	0
31-Jan-12	700	12.1	270	W	47.7	0.8	0.4	0.0	0	0	0
31-Jan-12	800	13.3	260	W	53.0	1.1	0.5	0.0	0	0	0
31-Jan-12	900	18.2	262	W	53.1	1.2	0.6	0.0	0	0	0
31-Jan-12	1000	15.1	254	WSW	52.4	2.3	0.6	0.0	0	0	0
31-Jan-12	1100	16.7	249	WSW	51.6	2.6	1.4	0.0	0	0	0
31-Jan-12	1200	16.2	261	W	52.3	1.2	0.4	0.0	0	0	0
31-Jan-12	1300	20.5	273	W	53.2	4.3	2.5	0.0	0	0	0
31-Jan-12	1400	23.1	280	W	54.1	1.3	0.4	0.0	0	0	0
31-Jan-12	1500	23.8	283	WNW	55.8	11.2	1.7	0.0	0	0	0
31-Jan-12	1600	23.0	265	W	54.1	2.1	1.1	0.0	0	0	0
31-Jan-12	1700	22.3	255	WSW	53.7	1.9	0.6	0.0	0	0	0
31-Jan-12	1800	17.3	262	W	52.6	3.0	1.0	0.0	0	0	0
31-Jan-12	1900	17.0	267	W	49.6	2.8	1.9	0.0	0	0	0
31-Jan-12	2000	15.1	253	WSW	53.3	3.1	1.6	0.0	0	0	0
31-Jan-12	2100	17.0	258	WSW	52.2	1.2	0.5	0.0	0	0	0
31-Jan-12	2200	14.9	257	WSW	51.4	2.6	1.1	0.0	0	0	0
31-Jan-12	2300	16.6	262	W	51.4	2.6	1.6	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
<b>Alarms</b>											
<b>PM2.5</b>		1 Hour Average – <b>80 ug/m3</b>									
<b>TSP</b>		1 Hour Average – <b>267 ug/m3</b>									
<b>Sound alarm</b>		1 Hour Average – <b>85 dba</b>									
<b>All Times are Mountain Standard Time</b>											
31-Jan-12	2400	12.8	254	WSW	51.2	2.3	1.7	0.0	0	0	0
01-Feb-12	100	14.2	233	SW	50.5	1.1	0.8	0.0	0	0	0
01-Feb-12	200	14.8	227	SW	47.5	0.9	0.5	0.0	0	0	0
01-Feb-12	300	10.6	209	SSW	49.6	0.8	0.4	0.0	0	0	0
01-Feb-12	400	15.6	214	SW	50.2	1.1	0.5	0.0	0	0	0
01-Feb-12	500	7.1	220	SW	45.4	1.5	0.5	0.0	0	0	0
01-Feb-12	600	14.1	217	SW	51.5	2.0	0.8	0.0	0	0	0
01-Feb-12	700	13.7	213	SSW	50.8	4.0	1.1	0.0	0	0	0
01-Feb-12	800	7.5	211	SSW	54.4	6.2	1.9	0.0	0	0	0
01-Feb-12	900	8.4	241	WSW	54.2	8.8	2.1	0.0	0	0	0
01-Feb-12	1000	12.0	255	WSW	53.1	3.4	1.5	0.0	0	0	0
01-Feb-12	1100	8.9	245	WSW	51.4	3.6	0.7	0.0	0	0	0
01-Feb-12	1200	12.8	248	WSW	50.5	29.6	6.9	0.0	0	0	0
01-Feb-12	1300	14.6	242	WSW	49.6	5.9	4.5	0.0	0	0	0
01-Feb-12	1400	12.2	251	WSW	48.8	1.0	0.3	0.0	0	0	0
01-Feb-12	1500	13.2	261	W	50.3	2.9	0.7	0.0	0	0	0
01-Feb-12	1600	13.6	287	WNW	51.0	40.1	5.7	0.0	0	0	0
01-Feb-12	1700	13.6	339	NNW	52.8	19.8	3.6	0.0	0	0	0
01-Feb-12	1800	12.4	343	NNW	53.5	17.6	2.3	0.0	0	0	0
01-Feb-12	1900	13.6	339	NNW	50.6	15.6	3.4	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
<b>Alarms</b>											
<b>PM2.5</b>		1 Hour Average – <b>80 ug/m3</b>									
<b>TSP</b>		1 Hour Average – <b>267 ug/m3</b>									
<b>Sound alarm</b>		1 Hour Average – <b>85 dba</b>									
<b>All Times are Mountain Standard Time</b>											
01-Feb-12	2000	17.6	329	NNW	53.3	14.8	2.5	0.0	0	0	0
01-Feb-12	2100	17.5	330	NNW	54.0	7.6	1.5	0.0	0	0	0
01-Feb-12	2200	15.4	340	NNW	51.2	6.7	2.9	0.0	0	0	0
01-Feb-12	2300	16.4	332	NNW	51.8	8.0	2.2	0.0	0	0	0
01-Feb-12	2400	13.4	335	NNW	50.2	2.7	0.7	0.0	0	0	0
02-Feb-12	100	18.7	328	NNW	52.4	3.6	1.3	0.0	0	0	0
02-Feb-12	200	16.0	317	NW	50.0	20.3	7.7	0.0	0	0	0
02-Feb-12	300	12.6	298	WNW	50.5	28.2	6.0	0.0	0	0	0
02-Feb-12	400	10.6	274	W	51.1	5.4	3.5	0.0	0	0	0
02-Feb-12	500	8.1	250	WSW	50.3	7.5	2.5	0.0	0	0	0
02-Feb-12	600	10.5	256	WSW	51.3	2.4	0.9	0.0	0	0	0
02-Feb-12	700	6.2	284	WNW	51.5	2.6	1.5	0.0	0	0	0
02-Feb-12	800	2.9	327	NNW	52.2	57.2	27.4	0.0	0	0	0
02-Feb-12	900	4.9	194	SSW	53.9	5.7	1.6	0.0	0	0	0
02-Feb-12	1000	4.0	205	SSW	52.0	7.3	2.7	0.0	0	0	0
02-Feb-12	1100	9.4	193	SSW	50.7	8.8	5.7	0.0	0	0	0
02-Feb-12	1200	13.2	178	S	51.8	18.6	6.7	0.0	0	0	0
02-Feb-12	1300	14.1	174	S	51.8	21.9	9.4	0.0	0	0	0
02-Feb-12	1400	14.6	171	S	51.9	14.6	4.1	0.0	0	0	0
02-Feb-12	1500	14.9	165	SSE	51.8	7.4	2.0	0.0	0	0	0

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<b>Alarms</b>											
<b>PM2.5</b>		1 Hour Average – <b>80 ug/m3</b>									
<b>TSP</b>		1 Hour Average – <b>267 ug/m3</b>									
<b>Sound alarm</b>		1 Hour Average – <b>85 dba</b>									
<b>All Times are Mountain Standard Time</b>											
02-Feb-12	1600	16.4	161	SSE	53.3	18.3	4.0	0.0	0	0	0
02-Feb-12	1700	15.8	169	S	52.3	28.1	6.9	0.0	0	0	0
02-Feb-12	1800	16.2	180	S	52.3	23.8	4.6	0.0	0	0	0
02-Feb-12	1900	16.8	177	S	51.2	27.5	6.2	0.0	0	0	0
02-Feb-12	2000	16.5	172	S	50.4	21.9	6.9	0.0	0	0	0
02-Feb-12	2100	15.0	180	S	49.6	19.7	5.0	0.0	0	0	0
02-Feb-12	2200	10.3	200	SSW	49.2	19.5	5.1	0.0	0	0	0
02-Feb-12	2300	10.1	223	SW	50.8	15.1	4.6	0.0	0	0	0
02-Feb-12	2400	13.1	261	W	53.2	9.2	5.7	0.0	0	0	0
03-Feb-12	100	10.2	242	WSW	52.3	1.5	0.9	0.0	0	0	0
03-Feb-12	200	13.7	265	W	49.4	6.3	1.6	0.0	0	0	0
03-Feb-12	300	12.6	254	WSW	50.7	2.2	1.4	0.0	0	0	0
03-Feb-12	400	11.5	253	WSW	51.8	2.0	0.7	0.0	0	0	0
03-Feb-12	500	12.8	272	W	51.1	2.7	1.2	0.0	0	0	0
03-Feb-12	600	15.6	267	W	52.2	1.3	0.5	0.0	0	0	0
03-Feb-12	700	15.7	264	W	49.9	2.9	1.1	0.0	0	0	0
03-Feb-12	800	11.7	265	W	55.9	2.3	1.0	0.0	0	0	0
03-Feb-12	900	12.6	252	WSW	59.3	5.1	3.1	0.0	0	0	0
03-Feb-12	1000	15.5	257	WSW	55.7	3.0	1.8	0.0	0	0	0
03-Feb-12	1100	10.4	244	WSW	52.4	2.5	0.6	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
<b>Alarms</b>											
<b>PM2.5</b>		1 Hour Average – <b>80 ug/m3</b>									
<b>TSP</b>		1 Hour Average – <b>267 ug/m3</b>									
<b>Sound alarm</b>		1 Hour Average – <b>85 dba</b>									
<b>All Times are Mountain Standard Time</b>											
03-Feb-12	1200	8.1	234	SW	51.5	4.3	1.0	0.0	0	0	0
03-Feb-12	1300	8.9	203	SSW	51.4	12.0	7.5	0.0	0	0	0
03-Feb-12	1400	11.4	190	S	51.5	3.8	0.8	0.0	0	0	0
03-Feb-12	1500	13.2	171	S	52.5	25.5	4.0	0.0	0	0	0
03-Feb-12	1600	15.0	165	SSE	52.2	2.6	0.8	0.0	0	0	0
03-Feb-12	1700	13.9	164	SSE	51.7	50.5	8.4	0.0	0	0	0
03-Feb-12	1800	13.9	167	SSE	51.2	31.8	4.3	0.0	0	0	0
03-Feb-12	1900	16.0	162	SSE	51.6	42.3	5.2	0.0	0	0	0
03-Feb-12	2000	14.4	173	S	50.0	47.7	8.0	0.0	0	0	0
03-Feb-12	2100	14.2	184	S	50.4	39.0	7.4	0.0	0	0	0
03-Feb-12	2200	12.1	205	SSW	50.0	20.6	10.3	0.0	0	0	0
03-Feb-12	2300	12.0	207	SSW	51.0	23.3	4.5	0.0	0	0	0
03-Feb-12	2400	13.9	218	SW	50.6	18.6	8.6	0.0	0	0	0
04-Feb-12	100	14.7	221	SW	48.0	6.1	2.0	0.0	0	0	0
04-Feb-12	200	14.5	216	SW	46.5	2.3	0.5	0.0	0	0	0
04-Feb-12	300	14.8	217	SW	47.4	1.6	0.5	0.0	0	0	0
04-Feb-12	400	14.3	216	SW	47.6	1.5	0.8	0.0	0	0	0
04-Feb-12	500	15.7	238	WSW	48.4	1.3	0.7	0.0	0	0	0
04-Feb-12	600	12.1	235	SW	50.9	1.1	0.6	0.0	0	0	0
04-Feb-12	700	11.4	237	WSW	49.9	2.2	0.8	0.0	0	0	0

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<u>Alarms</u>											
<b>PM2.5</b>		1 Hour Average – <b>80 ug/m3</b>									
<b>TSP</b>		1 Hour Average – <b>267 ug/m3</b>									
<b>Sound alarm</b>		1 Hour Average – <b>85 dba</b>									
<b>All Times are Mountain Standard Time</b>											
04-Feb-12	800	10.1	279	W	52.6	2.0	0.8	0.0	0	0	0
04-Feb-12	900	12.8	285	WNW	54.2	2.4	1.4	0.0	0	0	0
04-Feb-12	1000	13.6	287	WNW	53.1	13.8	4.6	0.0	0	0	0
04-Feb-12	1100	16.6	278	W	50.8	2.0	0.9	0.0	0	0	0
04-Feb-12	1200	19.3	277	W	50.9	3.5	1.1	0.0	0	0	0
04-Feb-12	1300	14.3	264	W	50.2	2.6	0.6	0.0	0	0	0
04-Feb-12	1400	10.2	240	WSW	48.9	3.6	0.9	0.0	0	0	0
04-Feb-12	1500	10.8	224	SW	49.5	8.3	4.4	0.0	0	0	0
04-Feb-12	1600	5.8	233	SW	49.5	2.6	0.7	0.0	0	0	0
04-Feb-12	1700	6.4	292	WNW	51.4	116.3	17.8	0.0	0	0	0
04-Feb-12	1800	9.7	282	WNW	52.8	55.7	10.2	0.0	0	0	0
04-Feb-12	1900	15.4	291	WNW	48.9	9.4	4.2	0.0	0	0	0
04-Feb-12	2000	11.2	300	WNW	47.9	16.3	5.1	0.0	0	0	0
04-Feb-12	2100	12.1	299	WNW	45.7	9.9	6.1	0.0	0	0	0
04-Feb-12	2200	12.5	302	WNW	47.0	2.9	1.2	0.0	0	0	0
04-Feb-12	2300	13.1	301	WNW	45.2	3.0	1.1	0.0	0	0	0
04-Feb-12	2400	12.6	301	WNW	45.0	4.5	3.6	0.0	0	0	0
05-Feb-12	100	11.3	290	WNW	44.0	7.1	6.6	0.0	0	0	0
05-Feb-12	200	12.1	294	WNW	43.5	3.2	2.7	0.0	0	0	0
05-Feb-12	300	13.7	288	WNW	44.6	4.8	3.8	0.0	0	0	0

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<u>Alarms</u>											
<b>PM2.5</b>		1 Hour Average – <b>80 ug/m3</b>									
<b>TSP</b>		1 Hour Average – <b>267 ug/m3</b>									
<b>Sound alarm</b>		1 Hour Average – <b>85 dba</b>									
<b>All Times are Mountain Standard Time</b>											
05-Feb-12	400	9.5	291	WNW	43.6	2.3	1.5	0.0	0	0	0
05-Feb-12	500	11.8	299	WNW	43.5	12.2	7.4	0.0	0	0	0
05-Feb-12	600	10.2	292	WNW	44.2	2.7	1.4	0.0	0	0	0
05-Feb-12	700	11.1	287	WNW	45.2	2.5	1.9	0.0	0	0	0
05-Feb-12	800	10.1	296	WNW	45.6	2.7	1.5	0.0	0	0	0
05-Feb-12	900	9.6	298	WNW	46.2	2.3	1.6	0.0	0	0	0
05-Feb-12	1000	9.5	311	NW	48.6	9.1	3.8	0.0	0	0	0
05-Feb-12	1100	10.8	332	NNW	50.4	6.5	2.9	0.0	0	0	0
05-Feb-12	1200	13.5	339	NNW	49.4	3.8	1.5	0.0	0	0	0
05-Feb-12	1300	14.7	354	NNW	50.2	4.9	2.0	0.0	0	0	0
05-Feb-12	1400	17.4	6	N	51.2	8.1	3.3	0.0	0	0	0
05-Feb-12	1500	19.5	6	N	52.2	5.9	1.4	0.0	0	0	0
05-Feb-12	1600	19.8	4	N	51.6	5.0	1.0	0.0	0	0	0
05-Feb-12	1700	20.8	2	N	52.4	8.3	4.1	0.0	0	0	0
05-Feb-12	1800	20.0	0	N	50.9	11.3	8.3	0.0	0	0	0
05-Feb-12	1900	18.5	354	NNW	50.4	9.9	7.6	0.0	0	0	0
05-Feb-12	2000	24.1	1	N	54.6	13.1	12.4	0.0	0	0	0
05-Feb-12	2100	19.1	0	N	49.2	11.3	8.3	0.0	0	0	0
05-Feb-12	2200	13.6	355	NNW	44.8	9.8	9.8	0.0	0	0	0
05-Feb-12	2300	15.2	352	NNW	47.9	4.4	2.9	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
<u>Alarms</u>											
<b>PM2.5</b>		1 Hour Average – <b>80 ug/m3</b>									
<b>TSP</b>		1 Hour Average – <b>267 ug/m3</b>									
<b>Sound alarm</b>		1 Hour Average – <b>85 dba</b>									
<b>All Times are Mountain Standard Time</b>											
05-Feb-12	2400	17.9	2	N	46.5	10.7	5.6	0.0	0	0	0
06-Feb-12	100	17.3	6	N	45.4	9.7	4.6	0.0	0	0	0
06-Feb-12	200	15.0	8	N	43.2	6.1	1.9	0.0	0	0	0
06-Feb-12	300	12.7	13	NNE	41.2	14.8	6.3	0.0	0	0	0
06-Feb-12	400	11.1	37	NE	40.1	8.8	3.5	0.0	0	0	0
06-Feb-12	500	9.9	45	NE	41.6	3.1	1.0	0.0	0	0	0
06-Feb-12	600	8.4	51	NE	44.0	10.6	5.7	0.0	0	0	0
06-Feb-12	700	9.1	47	NE	46.9	4.5	1.6	0.0	0	0	0