

## 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>											
10-Oct-11	800	8.2	275	W	50.4	5.1	2.9	0	0	0	0
10-Oct-11	900	5.8	295	WNW	49.2	4.8	2.0	0	0	0	0
10-Oct-11	1000	4.3	243	WSW	49.5	8.4	3.4	0	0	0	0
10-Oct-11	1100	7.1	159	SSE	50.6	5.1	4.0	0	0	0	0
10-Oct-11	1200	9.2	153	SSE	50.1	3.6	2.2	0	0	0	0
10-Oct-11	1300	13.4	168	SSE	49.9	3.9	2.2	0	0	0	0
10-Oct-11	1400	13.6	165	SSE	50.4	5.4	1.3	0	0	0	0
10-Oct-11	1500	13.1	156	SSE	50.5	2.8	1.4	0	0	0	0
10-Oct-11	1600	14.3	159	SSE	50.0	4.7	1.0	0	0	0	0
10-Oct-11	1700	12.3	152	SSE	49.2	2.2	0.5	0	0	0	0
10-Oct-11	1800	9.6	139	SE	49.6	5.7	1.7	0	0	0	0
10-Oct-11	1900	8.1	150	SSE	49.4	8.9	4.2	0	0	0	0
10-Oct-11	2000	7.7	170	S	48.8	8.5	3.5	0	0	0	0
10-Oct-11	2100	7.3	175	S	47.5	14.0	4.2	0	0	0	0
10-Oct-11	2200	7.8	205	SSW	47.2	6.8	1.8	0	0	0	0
10-Oct-11	2300	8.9	217	SW	45.6	3.4	1.7	0	0	0	0
10-Oct-11	2400	8.5	235	SW	45.5	4.8	2.6	0	0	0	0
11-Oct-11	100	10.0	236	SW	45.5	4.3	2.8	0	0	0	0
11-Oct-11	200	11.9	265	W	46.7	2.7	0.8	0	0	0	0
11-Oct-11	300	12.0	268	W	46.6	2.7	1.1	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>											
<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>											
11-Oct-11	400	11.9	255	WSW	45.9	1.5	0.8	0	0	0	0
11-Oct-11	500	14.2	252	WSW	49.1	2.1	1.2	0	0	0	0
11-Oct-11	600	12.1	258	WSW	53.0	4.0	2.5	0	0	0	0
11-Oct-11	700	15.3	275	W	58.0	2.0	1.0	0	0	0	0
11-Oct-11	800	13.8	272	W	57.2	2.3	0.8	0	0	0	0
11-Oct-11	900	16.7	274	W	55.4	2.4	1.2	0	0	0	0
11-Oct-11	1000	19.1	277	W	56.2	2.1	1.5	0	0	0	0
11-Oct-11	1100	19.9	274	W	54.8	2.3	1.1	0	0	0	0
11-Oct-11	1200	21.0	270	W	56.7	2.3	1.0	0	0	0	0
11-Oct-11	1300	22.3	280	W	56.6	1.7	0.5	0	0	0	0
11-Oct-11	1400	20.2	283	WNW	54.6	1.2	0.3	0	0	0	0
11-Oct-11	1500	24.2	283	WNW	57.9	1.3	0.4	0	0	0	0
11-Oct-11	1600	18.2	286	WNW	55.8	1.7	0.7	0	0	0	0
11-Oct-11	1700	12.3	268	W	55.2	3.7	1.5	0	0	0	0
11-Oct-11	1800	13.8	272	W	54.5	2.8	1.3	0	0	0	0
11-Oct-11	1900	12.5	258	WSW	50.1	3.2	1.4	0	0	0	0
11-Oct-11	2000	18.0	261	W	49.1	2.1	0.9	0	0	0	0
11-Oct-11	2100	15.3	272	W	47.4	1.4	0.7	0	0	0	0
11-Oct-11	2200	11.7	267	W	49.0	1.3	0.5	0	0	0	0
11-Oct-11	2300	12.5	263	W	47.4	1.1	0.7	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>											
11-Oct-11	2400	15.7	264	W	47.0	1.4	1.2	0	0	0	0
12-Oct-11	100	16.3	264	W	48.0	1.3	1.0	0	0	0	0
12-Oct-11	200	17.6	274	W	47.4	1.8	0.8	0	0	0	0
12-Oct-11	300	17.0	276	W	47.8	1.6	1.0	0	0	0	0
12-Oct-11	400	17.1	274	W	47.1	2.8	1.7	0	0	0	0
12-Oct-11	500	16.0	277	W	48.2	1.4	0.7	0	0	0	0
12-Oct-11	600	15.0	273	W	51.7	1.6	0.8	0	0	0	0
12-Oct-11	700	14.4	272	W	58.3	1.9	1.0	0	0	0	0
12-Oct-11	800	15.9	270	W	56.8	1.4	0.5	0	0	0	0
12-Oct-11	900	16.2	274	W	56.4	2.0	0.8	0	0	0	0
12-Oct-11	1000	17.1	266	W	56.3	1.8	0.9	0	0	0	0
12-Oct-11	1100	19.5	272	W	56.6	2.2	0.8	0	0	0	0
12-Oct-11	1200	15.5	266	W	56.1	1.5	0.8	0	0	0	0
12-Oct-11	1300	21.6	264	W	56.8	1.5	0.4	0	0	0	0
12-Oct-11	1400	20.2	263	W	54.7	1.9	0.9	0	0	0	0
12-Oct-11	1500	21.6	264	W	55.1	2.9	1.0	0	0	0	0
12-Oct-11	1600	22.4	263	W	55.9	1.5	0.4	0	0	0	0
12-Oct-11	1700	21.6	260	W	55.2	3.0	0.9	0	0	0	0
12-Oct-11	1800	20.1	262	W	52.8	1.9	1.0	0	0	0	0
12-Oct-11	1900	18.0	263	W	49.9	2.9	1.6	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>											
12-Oct-11	2000	17.1	268	W	48.8	2.5	1.8	0	0	0	0
12-Oct-11	2100	15.6	299	WNW	49.5	4.2	2.6	0	0	0	0
12-Oct-11	2200	16.0	311	NW	51.5	2.4	1.0	0	0	0	0
12-Oct-11	2300	7.8	308	NW	49.3	3.8	1.6	0	0	0	0
12-Oct-11	2400	7.4	305	NW	48.2	4.1	1.5	0	0	0	0
13-Oct-11	100	9.5	335	NNW	48.2	2.9	1.7	0	0	0	0
13-Oct-11	200	11.4	341	NNW	48.3	2.3	1.0	0	0	0	0
13-Oct-11	300	15.1	330	NNW	49.6	1.3	0.4	0	0	0	0
13-Oct-11	400	13.9	328	NNW	48.8	2.1	0.9	0	0	0	0
13-Oct-11	500	9.8	320	NW	50.6	3.1	1.7	0	0	0	0
13-Oct-11	600	7.6	309	NW	55.6	2.3	0.9	0	0	0	0
13-Oct-11	700	6.7	304	NW	60.0	17.8	7.0	0	0	0	0
13-Oct-11	800	4.6	286	WNW	60.4	26.7	9.2	0	0	0	0
13-Oct-11	900	4.9	266	W	57.1	3.5	1.3	0	0	0	0
13-Oct-11	1000	10.3	228	SW	57.5	2.8	1.1	0	0	0	0
13-Oct-11	1100	13.8	244	WSW	54.9	1.7	1.4	0	0	0	0
13-Oct-11	1200	13.4	286	WNW	54.5	7.2	3.6	0	0	0	0
13-Oct-11	1300	14.1	328	NNW	56.6	16.6	7.0	0	0	0	0
13-Oct-11	1400	11.9	308	NW	57.3	2.4	1.0	0	0	0	0
13-Oct-11	1500	11.2	314	NW	54.3	6.3	2.8	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>											
13-Oct-11	1600	14.6	300	WNW	52.9	23.4	5.3	0	0	0	0
13-Oct-11	1700	18.5	275	W	50.9	2.1	1.2	0	0	0	0
13-Oct-11	1800	8.8	320	NW	52.7	17.4	3.0	0	0	0	0
13-Oct-11	1900	14.6	293	WNW	49.3	3.2	1.7	0	0	0	0
13-Oct-11	2000	15.3	283	WNW	46.9	1.7	1.0	0	0	0	0
13-Oct-11	2100	15.5	286	WNW	47.7	2.9	1.0	0	0	0	0
13-Oct-11	2200	13.8	304	NW	48.8	3.9	1.9	0	0	0	0
13-Oct-11	2300	11.4	312	NW	49.9	8.4	2.7	0	0	0	0
13-Oct-11	2400	11.1	313	NW	47.3	1.4	1.1	0	0	0	0
14-Oct-11	100	9.2	314	NW	48.7	2.4	1.5	0	0	0	0
14-Oct-11	200	6.5	314	NW	47.6	2.0	1.2	0	0	0	0
14-Oct-11	300	5.9	307	NW	46.6	1.4	0.9	0	0	0	0
14-Oct-11	400	6.3	312	NW	45.0	2.3	1.0	0	0	0	0
14-Oct-11	500	7.0	256	WSW	49.0	2.6	1.5	0	0	0	0
14-Oct-11	600	7.8	254	WSW	54.5	2.5	1.4	0	0	0	0
14-Oct-11	700	7.3	243	WSW	58.4	6.6	3.3	0	0	0	0
14-Oct-11	800	7.7	230	SW	58.2	9.0	4.2	0	0	0	0
14-Oct-11	900	8.6	211	SSW	57.1	3.9	1.6	0	0	0	0
14-Oct-11	1000	12.4	184	S	57.0	9.5	4.0	0	0	0	0
14-Oct-11	1100	16.1	168	SSE	56.4	9.1	4.1	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>											
<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>											
14-Oct-11	1200	18.5	169	S	56.6	10.4	4.3	0	0	0	0
14-Oct-11	1300	15.8	166	SSE	56.7	20.2	5.0	0	0	0	0
14-Oct-11	1400	15.4	163	SSE	57.3	12.9	3.6	0	0	0	0
14-Oct-11	1500	9.6	173	S	55.0	10.9	6.1	0	0	0	0
14-Oct-11	1600	8.1	197	SSW	52.7	2.6	0.6	0	0	0	0
14-Oct-11	1700	7.4	116	ESE	52.6	11.5	3.2	0	0	0	0
14-Oct-11	1800	9.8	138	SE	51.5	26.4	7.3	0	0	0	0
14-Oct-11	1900	8.7	169	S	49.4	33.2	9.4	0	0	0	0
14-Oct-11	2000	9.6	195	SSW	48.0	32.3	9.7	0	0	0	0
14-Oct-11	2100	11.2	218	SW	46.2	25.3	10.6	0	0	0	0
14-Oct-11	2200	18.2	285	WNW	49.4	8.4	5.3	0	0	0	0
14-Oct-11	2300	20.8	313	NW	50.1	6.9	2.4	0	0	0	0
14-Oct-11	2400	20.4	317	NW	50.2	5.0	3.2	0	0	0	0
15-Oct-11	100	18.4	326	NW	49.3	6.2	2.0	0	0	0	0
15-Oct-11	200	18.6	324	NW	50.1	8.0	3.1	0	0	0	0
15-Oct-11	300	18.8	331	NNW	49.2	4.3	2.1	0	0	0	0
15-Oct-11	400	13.5	326	NW	46.6	4.4	2.5	0	0	0	0
15-Oct-11	500	13.4	325	NW	48.3	4.4	2.7	0	0	0	0
15-Oct-11	600	11.6	332	NNW	51.3	4.6	2.1	0	0	0	0
15-Oct-11	700	10.3	320	NW	56.2	22.2	7.5	0	0	0	0

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<b>PM2.5</b>		1 Hour Average – <b>80 ug/m3</b>									
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<b>Sound alarm</b>		1 Hour Average – <b>85 dba</b>									
<b>All Times are Mountain Standard Time</b>											
15-Oct-11	800	10.1	316	NW	56.4	26.0	11.7	0	0	0	0
15-Oct-11	900	10.0	318	NW	55.4	34.3	11.9	0	0	0	0
15-Oct-11	1000	9.6	315	NW	52.0	11.9	4.7	0	0	0	0
15-Oct-11	1100	8.3	302	WNW	51.5	15.6	6.6	0	0	0	0
15-Oct-11	1200	7.2	295	WNW	51.5	15.0	4.6	0	0	0	0
15-Oct-11	1300	7.8	299	WNW	52.0	5.8	3.7	0	0	0	0
15-Oct-11	1400	12.3	303	WNW	50.9	2.7	1.4	0	0	0	0
15-Oct-11	1500	10.8	21	NNE	51.9	12.2	3.0	0	0	0	0
15-Oct-11	1600	6.4	80	E	51.2	5.9	1.2	0	0	0	0
15-Oct-11	1700	7.1	108	ESE	50.8	8.2	2.2	0	0	0	0
15-Oct-11	1800	7.7	132	SE	50.1	13.4	6.5	0	0	0	0
15-Oct-11	1900	8.4	134	SE	48.9	18.8	9.3	0	0	0	0
15-Oct-11	2000	7.5	155	SSE	46.0	27.2	9.9	0	0	0	0
15-Oct-11	2100	11.0	185	S	46.7	32.8	13.7	0	0	0	0
15-Oct-11	2200	12.2	208	SSW	47.0	13.5	9.4	0	0	0	0
15-Oct-11	2300	8.9	203	SSW	44.5	14.4	7.2	0	0	0	0
15-Oct-11	2400	10.2	232	SW	43.8	13.7	7.9	0	0	0	0
16-Oct-11	100	12.2	258	WSW	42.6	11.9	5.8	0	0	0	0
16-Oct-11	200	14.0	269	W	43.0	7.9	2.5	0	0	0	0
16-Oct-11	300	13.7	269	W	43.1	11.7	6.2	0	0	0	0

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16-Oct-11	500	13.6	265	W	43.5	11.2	7.7	0	0	0	0
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16-Oct-11	900	11.0	297	WNW	51.2	4.2	2.3	0	0	0	0
16-Oct-11	1000	9.9	289	WNW	48.5	7.5	3.1	0	0	0	0
16-Oct-11	1100	8.1	290	WNW	48.5	11.6	5.8	0	0	0	0
16-Oct-11	1200	8.4	299	WNW	50.2	7.3	5.5	0	0	0	0
16-Oct-11	1300	7.8	289	WNW	49.7	2.9	1.6	0	0	0	0
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16-Oct-11	1500	6.4	340	NNW	47.6	3.9	0.9	0	0	0	0
16-Oct-11	1600	6.0	345	NNW	47.7	9.9	5.5	0	0	0	0
16-Oct-11	1700	3.6	49	NE	48.1	7.8	6.1	0	0	0	0
16-Oct-11	1800	7.3	107	ESE	48.9	18.8	8.7	0	0	0	0
16-Oct-11	1900	8.2	148	SSE	46.2	26.5	10.4	0	0	0	0
16-Oct-11	2000	9.4	181	S	45.5	46.2	16.3	0	0	0	0
16-Oct-11	2100	9.4	197	SSW	44.5	26.5	8.2	0	0	0	0
16-Oct-11	2200	12.0	209	SSW	45.7	14.5	4.8	0	0	0	0
16-Oct-11	2300	11.0	242	WSW	43.3	12.8	8.7	0	0	0	0



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17-Oct-11	100	15.6	279	W	43.1	8.1	4.4	0	0	0	0
17-Oct-11	200	16.9	282	WNW	43.9	9.0	4.5	0	0	0	0
17-Oct-11	300	17.1	280	W	44.0	7.9	3.3	0	0	0	0
17-Oct-11	400	15.8	283	WNW	44.0	9.3	3.8	0	0	0	0
17-Oct-11	500	17.3	284	WNW	46.5	9.9	3.6	0	0	0	0
17-Oct-11	600	17.5	282	WNW	49.5	11.6	4.0	0	0	0	0
17-Oct-11	700	14.9	282	WNW	51.6	13.8	4.2	0	0	0	0