

## 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>											
6-Jun-11	800	10.6	97	E	54.9	20.4	7.4	0.1	0	0	0
6-Jun-11	900	11.7	126	SE	52.7	28.6	9.9	0	0	0	0
6-Jun-11	1000	12.9	146	SE	53.1	59.2	18.1	0	0	0	0
6-Jun-11	1100	13.3	150	SSE	56.7	48.7	16.5	0	0	0	0
6-Jun-11	1200	14.4	154	SSE	53.7	48.0	11.4	0	0	0	0
6-Jun-11	1300	16.2	150	SSE	52.8	47.0	13.4	0	0	0	0
6-Jun-11	1400	18.0	152	SSE	54.1	41.1	16.3	0	0	0	0
6-Jun-11	1500	19.4	156	SSE	55.1	33.5	13.7	0	0	0	0
6-Jun-11	1600	19.1	159	SSE	53.4	26.3	9.4	0	0	0	0
6-Jun-11	1700	17.7	159	SSE	52.4	30.0	14.6	0	0	0	0
6-Jun-11	1800	18.8	157	SSE	52.6	28.6	11.0	0	0	0	0
6-Jun-11	1900	15.6	154	SSE	50.8	23.5	9.3	0	0	0	0
6-Jun-11	2000	12.9	148	SSE	49.9	24.6	10.4	0	0	0	0
6-Jun-11	2100	11.6	128	SE	49.0	22.9	12.1	0	0	0	0
6-Jun-11	2200	10.0	101	E	48.3	18.9	5.5	0	0	0	0
6-Jun-11	2300	3.9	72	ENE	48.5	30.4	8.9	0	0	0	0
6-Jun-11	2400	5.2	224	SW	47.1	26.1	12.5	0	0	0	0
7-Jun-11	100	6.2	222	SW	46.1	34.3	9.4	0	0	0	0
7-Jun-11	200	4.5	239	WSW	46.6	48.0	17.1	0	0	0	0
7-Jun-11	300	6.8	296	WNW	51.4	85.2	34.3	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
<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>											
7-Jun-11	400	6.6	323	NW	55.0	89.7	35.5	0	0	0	0
7-Jun-11	500	6.5	342	NNW	50.5	61.4	25.0	0	0	0	0
7-Jun-11	600	3.8	354	N	50.9	46.3	14.2	0	0	0	0
7-Jun-11	700	4.4	13	NNE	53.4	54.2	18.0	0	0	0	0
7-Jun-11	800	6.6	50	NE	55.8	60.9	26.2	0	0	0	0
7-Jun-11	900	10.6	46	NE	54.1	44.2	25.1	0	0	0	0
7-Jun-11	1000	13.1	46	NE	55.3	46.2	12.2	0	0	0	0
7-Jun-11	1100	14.6	52	NE	53.8	51.8	23.4	0	0	0	0
7-Jun-11	1200	11.5	78	ENE	55.4	47.7	12.8	1.2	0	0	0
7-Jun-11	1300	12.1	68	ENE	56.0	36.2	13.3	3.8	0	0	0
7-Jun-11	1400	17.0	98	E	55.5	25.4	11.9	0.1	0	0	0
7-Jun-11	1500	20.9	136	SE	56.1	25.7	19.8	0	0	0	0
7-Jun-11	1600	19.6	142	SE	53.8	13.1	9.9	0	0	0	0
7-Jun-11	1700	16.3	207	SSW	51.4	7.1	4.6	0	0	0	0
7-Jun-11	1800	9.2	252	WSW	49.4	15.9	5.8	0	0	0	0
7-Jun-11	1900	9.0	221	SW	48.2	18.7	5.3	0	0	0	0
7-Jun-11	2000	10.7	217	SW	48.2	23.7	17.1	0	0	0	0
7-Jun-11	2100	8.0	213	SSW	48.0	18.1	8.7	0	0	0	0
7-Jun-11	2200	7.5	194	SSW	48.7	18.7	13.4	0	0	0	0
7-Jun-11	2300	5.6	217	SW	47.1	15.1	10.3	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
<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>											
7-Jun-11	2400	5.9	340	NNW	49.2	50.3	19.8	0	0	0	0
8-Jun-11	100	5.6	331	NNW	50.0	61.2	24.3	0	0	0	0
8-Jun-11	200	7.1	327	NNW	49.7	70.5	28.4	0	0	0	0
8-Jun-11	300	5.5	328	NNW	47.7	78.3	29.1	0	0	0	0
8-Jun-11	400	6.3	348	NNW	49.9	54.8	25.7	0	0	0	0
8-Jun-11	500	6.2	352	N	49.2	48.7	20.0	0	0	0	0
8-Jun-11	600	6.3	347	NNW	51.3	50.1	21.9	0	0	0	0
8-Jun-11	700	7.0	350	N	53.0	38.1	17.1	0	0	0	0
8-Jun-11	800	8.1	352	N	56.7	33.1	12.8	0	0	0	0
8-Jun-11	900	7.1	2	N	53.3	39.6	17.1	0	0	0	0
8-Jun-11	1000	5.0	20	NNE	55.1	34.0	16.9	0	0	0	0
8-Jun-11	1100	4.7	108	ESE	55.0	38.7	20.0	0.1	0	0	0
8-Jun-11	1200	9.2	138	SE	55.1	83.2	34.2	0	0	0	0
8-Jun-11	1300	11.7	156	SSE	56.0	116.6	95.6	0.2	0	0	1
8-Jun-11	1400	7.7	167	SSE	55.3	65.7	32.6	0.4	0	0	0
8-Jun-11	1500	8.6	178	S	55.2	160.7	70.5	0	0	0	0
8-Jun-11	1600	11.5	118	ESE	54.3	63.6	29.5	0	0	0	0
8-Jun-11	1700	21.3	201	SSW	56.3	183.2	89.5	0	0	0	1
8-Jun-11	1800	20.1	189	S	53.9	161.1	80.8	0	0	0	1
8-Jun-11	1900	14.0	182	S	49.0	147.9	65.7	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
<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>											
8-Jun-11	2000	10.9	221	SW	48.9	148.9	59.4	0	0	0	0
8-Jun-11	2100	11.1	224	SW	48.5	127.4	46.6	0	0	0	0
8-Jun-11	2200	11.9	239	WSW	48.5	111.2	50.0	0	0	0	0
8-Jun-11	2300	9.4	239	WSW	47.7	117.5	62.0	0	0	0	0
8-Jun-11	2400	6.7	234	SW	47.0	112.6	63.5	0	0	0	0
9-Jun-11	100	6.1	211	SSW	46.2	112.6	53.8	0	0	0	0
9-Jun-11	200	7.1	200	SSW	47.1	97.5	40.4	0	0	0	0
9-Jun-11	300	10.6	182	S	47.3	93.5	37.6	0	0	0	0
9-Jun-11	400	12.4	196	SSW	49.0	91.9	44.2	0	0	0	0
9-Jun-11	500	14.1	201	SSW	50.5	85.2	39.7	0	0	0	0
9-Jun-11	600	12.5	205	SSW	54.0	86.9	39.3	0	0	0	0
9-Jun-11	700	13.8	207	SSW	55.7	81.4	38.5	0	0	0	0
9-Jun-11	800	16.9	203	SSW	56.1	68.4	36.2	0	0	0	0
9-Jun-11	900	20.3	201	SSW	57.0	53.9	27.6	0	0	0	0
9-Jun-11	1000	22.0	188	S	57.7	65.0	25.0	0	0	0	0
9-Jun-11	1100	24.0	179	S	59.2	61.5	16.7	0	0	0	0
9-Jun-11	1200	24.1	177	S	59.7	50.0	16.2	0	0	0	0
9-Jun-11	1300	22.0	170	S	58.6	17.5	4.1	0	0	0	0
9-Jun-11	1400	21.2	168	SSE	57.7	54.5	19.3	0	0	0	0
9-Jun-11	1500	19.1	165	SSE	56.5	32.5	5.8	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>											
9-Jun-11	1600	20.6	166	SSE	56.1	3.6	1.2	0	0	0	0
9-Jun-11	1700	22.3	158	SSE	56.0	4.5	1.5	0	0	0	0
9-Jun-11	1800	21.1	161	SSE	54.4	5.5	2.1	0	0	0	0
9-Jun-11	1900	21.8	163	SSE	54.3	30.7	5.4	0	0	0	0
9-Jun-11	2000	20.3	165	SSE	53.9	76.5	17.8	0	0	0	0
9-Jun-11	2100	17.9	170	S	51.7	93.1	34.6	0	0	0	0
9-Jun-11	2200	17.2	176	S	50.8	112.9	42.5	0	0	0	0
9-Jun-11	2300	16.2	183	S	49.3	109.2	41.8	0	0	0	0
9-Jun-11	2400	14.6	190	S	47.4	99.1	25.6	0	0	0	0
10-Jun-11	100	10.8	207	SSW	47.4	104.4	41.6	0	0	0	0
10-Jun-11	200	7.5	210	SSW	46.8	108.9	37.7	0	0	0	0
10-Jun-11	300	6.8	235	SW	49.9	108.9	52.3	0	0	0	0
10-Jun-11	400	11.6	261	W	48.6	109.6	60.6	0	0	0	0
10-Jun-11	500	14.4	277	W	51.1	88.8	77.9	0	0	0	0
10-Jun-11	600	16.0	279	W	53.8	65.0	29.2	0	0	0	0
10-Jun-11	700	19.1	283	WNW	53.1	71.4	47.5	0	0	0	0
10-Jun-11	800	19.9	285	WNW	52.9	56.4	36.1	0	0	0	0
10-Jun-11	900	17.4	285	WNW	51.9	26.9	10.3	0	0	0	0
10-Jun-11	1000	11.6	318	NW	53.5	58.3	58.7	0	0	0	0
10-Jun-11	1100	7.1	356	N	54.9	52.3	15.9	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>											
10-Jun-11	1200	7.2	103	ESE	54.5	4.7	1.5	0	0	0	0
10-Jun-11	1300	7.8	104	ESE	55.2	7.7	2.4	0	0	0	0
10-Jun-11	1400	11.4	122	ESE	55.6	40.1	7.8	0	0	0	0
10-Jun-11	1500	11.4	188	S	56.2	41.6	9.0	0	0	0	0
10-Jun-11	1600	12.2	173	S	53.5	73.2	15.4	0	0	0	0
10-Jun-11	1700	12.4	190	S	51.4	71.1	22.4	0	0	0	0
10-Jun-11	1800	22.6	306	NW	55.3	54.5	25.3	0	0	0	0
10-Jun-11	1900	13.7	17	NNE	51.7	58.6	25.2	0.4	0	0	0
10-Jun-11	2000	15.8	148	SSE	49.8	44.5	22.4	0	0	0	0
10-Jun-11	2100	12.2	168	SSE	49.1	37.3	19.5	0	0	0	0
10-Jun-11	2200	13.4	254	WSW	52.3	41.9	21.6	0	0	0	0
10-Jun-11	2300	11.3	271	W	53.7	27.2	12.9	0	0	0	0
10-Jun-11	2400	18.8	303	WNW	53.5	21.4	14.9	0	0	0	0
11-Jun-11	100	24.1	345	NNW	54.1	2.9	1.3	0	0	0	0
11-Jun-11	200	21.0	350	N	52.5	38.2	14.7	0	0	0	0
11-Jun-11	300	19.1	350	N	51.2	36.7	13.5	0	0	0	0
11-Jun-11	400	16.9	357	N	49.8	25.0	14.3	0	0	0	0
11-Jun-11	500	17.2	349	NNW	47.1	23.7	11.9	0	0	0	0
11-Jun-11	600	21.3	340	NNW	52.1	22.0	9.6	0	0	0	0
11-Jun-11	700	25.0	335	NNW	55.4	16.6	9.0	0.6	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>											
11-Jun-11	800	21.2	336	NNW	55.9	17.9	9.3	4	0	0	0
11-Jun-11	900	21.1	335	NNW	57.8	20.3	8.6	10.8	0	0	0
11-Jun-11	1000	26.8	343	NNW	60.5	6.8	4.4	8.3	0	0	0
11-Jun-11	1100	26.3	340	NNW	57.6	4.2	2.2	1.8	0	0	0
11-Jun-11	1200	20.2	321	NW	52.5	3.6	1.8	4.8	0	0	0
11-Jun-11	1300	21.9	323	NW	51.4	1.9	0.6	0	0	0	0
11-Jun-11	1400	20.9	326	NNW	51.9	7.2	4.1	0	0	0	0
11-Jun-11	1500	20.3	324	NW	51.8	4.7	3.2	1.4	0	0	0
11-Jun-11	1600	21.3	334	NNW	52.1	3.1	1.3	0.6	0	0	0
11-Jun-11	1700	19.2	338	NNW	50.1	8.4	3.1	0	0	0	0
11-Jun-11	1800	17.1	335	NNW	47.9	12.0	5.2	0	0	0	0
11-Jun-11	1900	14.4	337	NNW	47.8	11.6	3.8	0	0	0	0
11-Jun-11	2000	9.6	316	NW	46.0	8.2	4.5	0	0	0	0
11-Jun-11	2100	6.2	328	NNW	49.4	9.8	3.9	0	0	0	0
11-Jun-11	2200	4.2	346	NNW	48.0	15.2	5.3	0	0	0	0
11-Jun-11	2300	6.3	314	NW	46.4	11.6	4.1	0	0	0	0
11-Jun-11	2400	5.8	307	NW	45.5	13.3	4.9	0	0	0	0
12-Jun-11	100	6.6	311	NW	46.9	18.6	6.7	0	0	0	0
12-Jun-11	200	6.2	299	WNW	46.8	11.4	5.0	0	0	0	0
12-Jun-11	300	7.0	278	W	46.3	20.4	10.6	0	0	0	0

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<b>Alarms</b>											
<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>											
12-Jun-11	400	8.0	274	W	46.5	16.1	6.3	0	0	0	0
12-Jun-11	500	5.5	323	NW	47.0	14.4	7.4	0	0	0	0
12-Jun-11	600	6.2	319	NW	49.4	17.5	8.8	0	0	0	0
12-Jun-11	700	5.3	298	WNW	49.4	14.8	3.7	0	0	0	0
12-Jun-11	800	4.1	0	N	51.7	12.7	7.8	0	0	0	0
12-Jun-11	900	4.9	49	NE	52.3	16.3	7.8	0	0	0	0
12-Jun-11	1000	3.4	212	SSW	54.0	15.6	5.0	0	0	0	0
12-Jun-11	1100	5.1	101	E	54.1	21.4	8.1	0	0	0	0
12-Jun-11	1200	6.4	159	SSE	54.8	21.9	8.6	0	0	0	0
12-Jun-11	1300	8.6	179	S	54.4	7.2	3.9	0	0	0	0
12-Jun-11	1400	13.7	260	W	53.6	11.0	3.9	0	0	0	0
12-Jun-11	1500	13.7	9	N	49.2	13.9	6.3	0	0	0	0
12-Jun-11	1600	6.0	357	N	48.5	1.8	0.5	0.1	0	0	0
12-Jun-11	1700	8.5	102	ESE	49.0	2.1	0.6	0	0	0	0
12-Jun-11	1800	7.2	95	E	48.3	10.2	7.3	0	0	0	0
12-Jun-11	1900	7.8	104	ESE	49.5	6.7	3.4	0	0	0	0
12-Jun-11	2000	10.4	93	E	49.2	3.7	1.0	0	0	0	0
12-Jun-11	2100	7.5	71	ENE	47.4	2.6	1.0	0	0	0	0
12-Jun-11	2200	8.2	13	NNE	47.5	10.7	5.1	0	0	0	0
12-Jun-11	2300	5.4	4	N	46.8	4.7	3.2	0	0	0	0



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<p><u>Alarms</u></p> <p><b>PM2.5</b>      1 Hour Average – <b>80 ug/m3</b></p> <p><b>TSP</b>      1 Hour Average – <b>267 ug/m3</b></p> <p><b>Sound alarm</b>      1 Hour Average – <b>85 dba</b></p> <p><b>All Times are Mountain Standard Time</b></p>											
12-Jun-11	2400	2.4	346	NNW	45.5	8.5	5.3	0	0	0	0
13-Jun-11	100	6.1	249	WSW	45.2	7.0	5.2	0	0	0	0
13-Jun-11	200	8.6	275	W	45.9	9.1	5.5	0	0	0	0
13-Jun-11	300	6.0	262	W	45.8	11.1	4.1	0	0	0	0
13-Jun-11	400	6.7	245	WSW	46.0	11.2	4.5	0	0	0	0
13-Jun-11	500	8.1	245	WSW	51.5	12.4	6.8	0	0	0	0
13-Jun-11	600	6.2	240	WSW	56.2	20.6	7.7	0	0	0	0
13-Jun-11	700	6.7	229	SW	55.7	22.9	8.6	0	0	0	0