

## 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>											
09-Apr-12	800	16.5	165	SSE	52.5	22.7	5.2	0	0	0	0
09-Apr-12	900	20.1	163	SSE	55.5	18.3	4.9	0	0	0	0
09-Apr-12	1000	23.8	155	SSE	58.2	12.7	2.2	0	0	0	0
09-Apr-12	1100	24.3	152	SSE	58.4	7.1	1.5	0	0	0	0
09-Apr-12	1200	25.3	154	SSE	59.0	16.2	3.8	0	0	0	0
09-Apr-12	1300	24.6	156	SSE	59.5	2.0	0.6	0	0	0	0
09-Apr-12	1400	23.7	159	SSE	58.8	21.8	7.1	0	0	0	0
09-Apr-12	1500	22.7	160	SSE	57.8	18.2	7.8	0	0	0	0
09-Apr-12	1600	21.9	154	SSE	56.3	9.8	2.1	0	0	0	0
09-Apr-12	1700	22.3	153	SSE	56.6	23.5	4.0	0	0	0	0
09-Apr-12	1800	21.6	148	SSE	54.4	21.7	8.0	0	0	0	0
09-Apr-12	1900	19.7	149	SSE	52.3	22.6	5.9	0	0	0	0
09-Apr-12	2000	18.5	137	SE	50.2	24.4	5.4	0	0	0	0
09-Apr-12	2100	18.6	141	SE	50.2	22.3	9.2	0	0	0	0
09-Apr-12	2200	17.1	150	SSE	49.8	25.4	10.2	0	0	0	0
09-Apr-12	2300	17.1	159	SSE	49.6	23.4	5.7	0	0	0	0
09-Apr-12	2400	18.8	165	SSE	52.0	26.8	9.4	0	0	0	0
10-Apr-12	100	20.1	169	SSE	53.0	19.6	4.7	0	0	0	0
10-Apr-12	200	22.2	167	SSE	55.5	18.4	10.6	0	0	0	0
10-Apr-12	300	20.4	169	S	53.5	12.9	3.9	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
<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>											
10-Apr-12	400	20.4	168	SSE	52.9	19.8	4.6	0	0	0	0
10-Apr-12	500	15.9	162	SSE	49.9	20.9	9.8	0	0	0	0
10-Apr-12	600	15.1	159	SSE	51.7	27.2	8.0	0	0	0	0
10-Apr-12	700	16.3	156	SSE	53.2	23.9	6.3	0	0	0	0
10-Apr-12	800	17.2	159	SSE	54.9	20.1	3.4	0	0	0	0
10-Apr-12	900	20.3	163	SSE	56.3	28.9	6.6	0	0	0	0
10-Apr-12	1000	23.2	157	SSE	57.4	31.6	6.2	0	0	0	0
10-Apr-12	1100	24.5	159	SSE	58.3	8.8	3.3	0	0	0	0
10-Apr-12	1200	30.3	158	SSE	65.1	31.0	10.3	0	0	0	0
10-Apr-12	1300	33.9	150	SSE	65.7	25.5	4.5	0	0	0	0
10-Apr-12	1400	31.9	153	SSE	64.5	32.9	7.7	0	0	0	0
10-Apr-12	1500	30.9	153	SSE	64.1	23.2	3.5	0	0	0	0
10-Apr-12	1600	29.4	156	SSE	63.0	30.3	7.3	0	0	0	0
10-Apr-12	1700	28.7	155	SSE	61.8	26.5	4.2	0	0	0	0
10-Apr-12	1800	26.3	153	SSE	60.6	31.6	5.1	0	0	0	0
10-Apr-12	1900	24.4	151	SSE	57.7	30.5	6.0	0	0	0	0
10-Apr-12	2000	21.9	137	SE	53.6	27.2	5.3	0	0	0	0
10-Apr-12	2100	22.0	142	SE	53.6	24.5	8.4	0	0	0	0
10-Apr-12	2200	21.7	152	SSE	54.4	22.5	6.8	0	0	0	0
10-Apr-12	2300	22.0	162	SSE	56.9	18.2	5.2	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
<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>											
10-Apr-12	2400	24.3	162	SSE	59.4	18.7	7.0	0	0	0	0
11-Apr-12	100	24.3	166	SSE	59.3	21.1	7.2	0	0	0	0
11-Apr-12	200	19.8	167	SSE	52.5	19.5	6.4	0	0	0	0
11-Apr-12	300	20.0	176	S	52.0	20.7	4.8	0	0	0	0
11-Apr-12	400	19.2	171	S	51.1	24.2	6.5	0	0	0	0
11-Apr-12	500	16.9	175	S	50.9	23.2	5.9	0	0	0	0
11-Apr-12	600	16.1	177	S	53.2	30.2	7.5	0	0	0	0
11-Apr-12	700	13.9	179	S	55.3	38.4	8.4	0	0	0	0
11-Apr-12	800	14.5	180	S	55.9	49.9	15.4	0	0	0	0
11-Apr-12	900	13.4	183	S	53.5	50.5	14.7	0	0	0	0
11-Apr-12	1000	15.2	177	S	52.9	49.8	15.5	0	0	0	0
11-Apr-12	1100	16.7	157	SSE	53.6	44.0	8.8	0	0	0	0
11-Apr-12	1200	22.9	150	SSE	56.9	48.2	8.4	0	0	0	0
11-Apr-12	1300	22.2	144	SE	56.2	49.5	8.9	0	0	0	0
11-Apr-12	1400	20.6	140	SE	55.1	24.1	3.6	0	0	0	0
11-Apr-12	1500	20.0	138	SE	55.9	41.9	6.7	0	0	0	0
11-Apr-12	1600	21.3	130	SE	54.9	43.3	8.0	0	0	0	0
11-Apr-12	1700	19.5	140	SE	54.0	42.4	5.6	0	0	0	0
11-Apr-12	1800	18.7	139	SE	52.2	38.6	5.2	0	0	0	0
11-Apr-12	1900	14.9	141	SE	50.7	47.6	9.7	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>											
11-Apr-12	2000	11.4	143	SE	49.8	45.4	8.1	0	0	0	0
11-Apr-12	2100	5.6	169	S	47.9	51.3	9.0	0	0	0	0
11-Apr-12	2200	3.8	113	ESE	48.9	79.2	14.1	0	0	0	0
11-Apr-12	2300	3.7	204	SSW	46.4	154.9	24.6	0	0	0	0
11-Apr-12	2400	4.6	255	WSW	46.0	56.6	10.9	0	0	0	0
12-Apr-12	100	4.2	342	NNW	45.8	N/A	N/A	0	0	0	0
12-Apr-12	200	4.3	299	WNW	46.2	N/A	N/A	0	0	0	0
12-Apr-12	300	4.4	329	NNW	47.2	N/A	N/A	0	0	0	0
12-Apr-12	400	5.9	322	NW	51.3	N/A	N/A	0	0	0	0
12-Apr-12	500	6.6	335	NNW	52.0	N/A	N/A	0	0	0	0
12-Apr-12	600	8.4	320	NW	56.3	N/A	N/A	0	0	0	0
12-Apr-12	700	6.4	314	NW	58.5	N/A	N/A	0	0	0	0
12-Apr-12	800	6.4	337	NNW	57.7	N/A	N/A	0	0	0	0
12-Apr-12	900	9.1	301	WNW	53.6	62.6	8.7	0	0	0	0
12-Apr-12	1000	15.4	314	NW	55.4	86.2	13.3	0	0	0	0
12-Apr-12	1100	19.2	345	NNW	54.5	80.8	14.6	0	0	0	0
12-Apr-12	1200	19.5	348	NNW	55.4	66.7	9.4	0.7	0	0	0
12-Apr-12	1300	12.2	327	NNW	55.2	47.6	10.2	3.2	0	0	0
12-Apr-12	1400	15.2	326	NW	55.4	31.8	12.6	0.6	0	0	0
12-Apr-12	1500	22.7	324	NW	57.9	16.3	4.7	0.8	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>											
12-Apr-12	1600	18.1	333	NNW	53.7	3.2	2.5	0.3	0	0	0
12-Apr-12	1700	20.4	344	NNW	57.2	2.3	1.8	0.2	0	0	0
12-Apr-12	1800	25.0	352	NNW	59.4	3.2	2.4	0.2	0	0	0
12-Apr-12	1900	22.4	351	NNW	58.2	1.3	0.9	0.1	0	0	0
12-Apr-12	2000	24.1	327	NNW	59.1	4.1	2.6	0	0	0	0
12-Apr-12	2100	29.0	327	NNW	63.3	7.1	2.7	0.1	0	0	0
12-Apr-12	2200	27.4	322	NW	61.3	6.8	2.9	0	0	0	0
12-Apr-12	2300	27.0	330	NNW	61.2	3.0	1.6	0	0	0	0
12-Apr-12	2400	27.9	336	NNW	62.3	4.7	1.5	0	0	0	0
13-Apr-12	100	28.3	331	NNW	61.6	3.2	1.5	0	0	0	0
13-Apr-12	200	21.2	314	NW	55.2	4.7	2.0	0	0	0	0
13-Apr-12	300	21.4	317	NW	55.5	4.5	2.9	0.1	0	0	0
13-Apr-12	400	24.1	318	NW	56.1	3.1	2.3	0.6	0	0	0
13-Apr-12	500	27.3	324	NW	56.1	7.7	2.8	1.2	0	0	0
13-Apr-12	600	24.3	332	NNW	55.3	5.5	2.6	1.1	0	0	0
13-Apr-12	700	19.1	337	NNW	54.6	5.6	3.9	0.5	0	0	0
13-Apr-12	800	16.6	334	NNW	54.9	6.7	2.1	0.2	0	0	0
13-Apr-12	900	23.0	332	NNW	55.6	9.1	7.8	0.2	0	0	0
13-Apr-12	1000	21.8	330	NNW	55.7	13.0	8.3	0	0	0	0
13-Apr-12	1100	14.0	336	NNW	53.1	10.8	8.1	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
<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>											
13-Apr-12	1200	9.0	335	NNW	52.3	14.0	5.3	0	0	0	0
13-Apr-12	1300	6.9	1	N	52.3	12.3	6.5	0	0	0	0
13-Apr-12	1400	11.6	9	N	52.6	23.3	11.3	0	0	0	0
13-Apr-12	1500	17.2	5	N	52.9	40.2	17.4	0	0	0	0
13-Apr-12	1600	17.1	8	N	51.9	34.9	15.4	0	0	0	0
13-Apr-12	1700	16.6	6	N	51.4	43.9	17.9	0	0	0	0
13-Apr-12	1800	14.1	3	N	55.1	20.2	8.3	0	0	0	0
13-Apr-12	1900	9.2	1	N	50.5	20.5	6.4	0	0	0	0
13-Apr-12	2000	10.4	6	N	50.0	14.3	6.4	0	0	0	0
13-Apr-12	2100	14.3	10	N	48.7	20.5	9.3	0	0	0	0
13-Apr-12	2200	12.2	5	N	50.2	3.4	1.8	0	0	0	0
13-Apr-12	2300	12.2	3	N	44.2	6.3	5.0	0	0	0	0
13-Apr-12	2400	12.6	5	N	41.4	9.3	4.6	0	0	0	0
14-Apr-12	100	13.1	5	N	42.7	5.4	2.7	0	0	0	0
14-Apr-12	200	15.4	359	NNW	44.6	7.2	2.3	0	0	0	0
14-Apr-12	300	18.3	0	N	48.5	7.1	3.7	0	0	0	0
14-Apr-12	400	13.6	353	NNW	44.7	5.7	3.9	0	0	0	0
14-Apr-12	500	18.7	0	N	49.9	4.4	3.6	0	0	0	0
14-Apr-12	600	21.1	4	N	52.1	2.3	1.1	0	0	0	0
14-Apr-12	700	20.0	5	N	52.4	3.2	1.7	0.2	0	0	0

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<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-Apr-12	800	21.4	5	N	54.3	2.0	0.7	0.2	0	0	0
14-Apr-12	900	24.8	5	N	58.1	4.7	1.8	0	0	0	0
14-Apr-12	1000	26.8	1	N	59.1	5.1	3.0	0	0	0	0
14-Apr-12	1100	27.2	356	NNW	61.2	2.3	0.9	0	0	0	0
14-Apr-12	1200	24.0	355	NNW	58.2	2.3	1.6	0	0	0	0
14-Apr-12	1300	23.7	357	NNW	57.0	2.8	1.6	0	0	0	0
14-Apr-12	1400	28.4	2	N	58.9	4.5	2.9	0	0	0	0
14-Apr-12	1500	24.8	349	NNW	60.0	5.5	2.8	0	0	0	0
14-Apr-12	1600	23.5	356	NNW	57.8	2.4	1.5	0	0	0	0
14-Apr-12	1700	24.6	1	N	56.5	3.7	2.2	0	0	0	0
14-Apr-12	1800	27.5	0	N	59.7	4.8	3.6	0	0	0	0
14-Apr-12	1900	23.1	0	N	55.1	1.9	0.5	0	0	0	0
14-Apr-12	2000	20.2	355	NNW	53.6	3.5	1.2	0	0	0	0
14-Apr-12	2100	21.1	353	NNW	53.7	2.7	1.7	0	0	0	0
14-Apr-12	2200	18.2	348	NNW	51.5	2.4	1.2	0	0	0	0
14-Apr-12	2300	20.4	342	NNW	53.5	2.6	1.5	0	0	0	0
14-Apr-12	2400	24.1	342	NNW	57.1	2.7	1.6	0	0	0	0
15-Apr-12	100	27.6	339	NNW	60.5	5.7	2.4	0	0	0	0
15-Apr-12	200	23.3	346	NNW	56.9	3.3	1.1	0	0	0	0
15-Apr-12	300	24.1	356	NNW	57.8	4.7	1.2	0	0	0	0

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<b>Sound alarm</b>		1 Hour Average – <b>85 dba</b>									
<b>All Times are Mountain Standard Time</b>											
15-Apr-12	400	19.2	348	NNW	52.9	4.9	2.2	0	0	0	0
15-Apr-12	500	18.4	343	NNW	51.5	6.2	3.2	0	0	0	0
15-Apr-12	600	17.2	350	NNW	51.4	9.9	4.6	0	0	0	0
15-Apr-12	700	18.1	356	NNW	50.5	4.9	3.0	0	0	0	0
15-Apr-12	800	16.4	351	NNW	50.4	9.6	3.5	0	0	0	0
15-Apr-12	900	16.9	343	NNW	49.1	4.4	2.4	0	0	0	0
15-Apr-12	1000	17.5	343	NNW	52.1	7.3	5.2	0	0	0	0
15-Apr-12	1100	17.2	358	NNW	50.1	5.9	3.3	0	0	0	0
15-Apr-12	1200	11.6	8	N	50.6	15.5	6.1	0	0	0	0
15-Apr-12	1300	9.1	17	NNE	50.1	11.8	7.2	0	0	0	0
15-Apr-12	1400	7.9	39	NE	49.3	5.8	3.9	0	0	0	0
15-Apr-12	1500	8.3	71	ENE	50.3	1.0	0.5	0	0	0	0
15-Apr-12	1600	9.3	82	E	49.4	19.7	5.3	0	0	0	0
15-Apr-12	1700	10.9	101	E	49.1	21.9	7.8	0	0	0	0
15-Apr-12	1800	13.2	118	ESE	48.4	32.2	15.3	0	0	0	0
15-Apr-12	1900	14.7	128	SE	49.0	28.9	18.1	0	0	0	0
15-Apr-12	2000	16.1	145	SE	49.4	31.2	15.9	0	0	0	0
15-Apr-12	2100	15.5	157	SSE	48.7	42.8	18.2	0	0	0	0
15-Apr-12	2200	17.2	167	SSE	51.6	44.8	20.6	0	0	0	0
15-Apr-12	2300	16.4	164	SSE	49.9	42.1	24.2	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>											
15-Apr-12	2400	17.3	174	S	50.3	38.1	21.1	0	0	0	0
16-Apr-12	100	17.3	195	SSW	49.8	36.7	19.3	0	0	0	0
16-Apr-12	200	13.3	206	SSW	45.5	35.0	13.9	0	0	0	0
16-Apr-12	300	11.0	219	SW	44.6	34.9	19.5	0	0	0	0
16-Apr-12	400	8.7	231	SW	48.3	33.8	19.2	0	0	0	0
16-Apr-12	500	10.4	255	WSW	50.7	37.7	18.2	0	0	0	0
16-Apr-12	600	7.9	286	WNW	55.4	37.4	23.7	0	0	0	0
16-Apr-12	700	6.3	286	WNW	56.8	16.1	7.9	0	0	0	0