

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											
06-Feb-12	800	7.5	51	NE	49.8	11.7	3.8	0.0	0	0	0
06-Feb-12	900	5.1	71	ENE	52.0	13.9	9.5	0.0	0	0	0
06-Feb-12	1000	5.5	76	ENE	49.7	20.6	8.8	0.0	0	0	0
06-Feb-12	1100	7.8	83	E	55.9	21.1	11.1	0.0	0	0	0
06-Feb-12	1200	8.8	88	E	51.2	26.6	12.8	0.0	0	0	0
06-Feb-12	1300	8.1	114	ESE	52.2	20.2	7.7	0.0	0	0	0
06-Feb-12	1400	10.4	94	E	51.1	24.2	12.7	0.0	0	0	0
06-Feb-12	1500	11.3	136	SE	51.9	29.8	9.9	0.0	0	0	0
06-Feb-12	1600	12.7	150	SSE	52.1	49.1	37.8	0.0	0	0	0
06-Feb-12	1700	11.3	140	SE	51.1	39.2	20.0	0.0	0	0	0
06-Feb-12	1800	11.0	161	SSE	51.0	30.5	18.6	0.0	0	0	0
06-Feb-12	1900	13.6	178	S	49.5	28.5	16.7	0.0	0	0	0
06-Feb-12	2000	16.1	165	SSE	49.2	25.7	16.6	0.0	0	0	0
06-Feb-12	2100	12.7	165	SSE	47.9	35.3	20.9	0.0	0	0	0
06-Feb-12	2200	13.3	165	SSE	47.4	38.1	24.8	0.0	0	0	0
06-Feb-12	2300	16.6	165	SSE	49.0	29.5	17.3	0.0	0	0	0
06-Feb-12	2400	16.1	162	SSE	48.5	17.3	14.8	0.0	0	0	0
07-Feb-12	100	19.3	166	SSE	51.0	21.6	16.3	0.0	0	0	0
07-Feb-12	200	13.9	172	S	45.4	14.9	8.8	0.0	0	0	0
07-Feb-12	300	13.5	171	S	45.2	18.7	12.7	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
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											
07-Feb-12	400	15.1	168	SSE	45.8	21.4	12.7	0.0	0	0	0
07-Feb-12	500	14.1	174	S	46.4	29.5	20.2	0.0	0	0	0
07-Feb-12	600	14.4	173	S	49.9	28.6	13.8	0.0	0	0	0
07-Feb-12	700	18.3	175	S	53.3	22.3	11.5	0.0	0	0	0
07-Feb-12	800	17.6	170	S	54.0	17.4	8.3	0.0	0	0	0
07-Feb-12	900	18.0	174	S	53.8	15.8	5.9	0.0	0	0	0
07-Feb-12	1000	19.7	178	S	54.8	19.6	10.0	0.0	0	0	0
07-Feb-12	1100	23.8	169	S	58.0	21.7	13.2	0.0	0	0	0
07-Feb-12	1200	27.0	167	SSE	61.3	26.7	15.0	0.0	0	0	0
07-Feb-12	1300	28.6	165	SSE	62.4	26.7	7.0	0.0	0	0	0
07-Feb-12	1400	27.8	162	SSE	61.7	17.4	12.4	0.0	0	0	0
07-Feb-12	1500	28.9	158	SSE	62.6	9.0	1.7	0.0	0	0	0
07-Feb-12	1600	26.6	153	SSE	60.2	19.2	3.6	0.0	0	0	0
07-Feb-12	1700	22.6	158	SSE	57.1	25.5	4.8	0.0	0	0	0
07-Feb-12	1800	22.7	153	SSE	56.7	23.3	7.7	0.0	0	0	0
07-Feb-12	1900	23.0	158	SSE	56.7	20.6	9.5	0.0	0	0	0
07-Feb-12	2000	24.6	158	SSE	58.4	18.3	9.5	0.0	0	0	0
07-Feb-12	2100	25.3	169	S	58.8	19.3	13.3	0.0	0	0	0
07-Feb-12	2200	24.1	165	SSE	58.7	15.1	9.1	0.0	0	0	0
07-Feb-12	2300	14.4	172	S	48.1	20.1	9.7	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
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											
07-Feb-12	2400	12.8	182	S	51.9	23.5	14.3	0.0	0	0	0
08-Feb-12	100	12.9	187	S	46.3	20.2	8.6	0.0	0	0	0
08-Feb-12	200	12.2	193	SSW	46.3	24.0	14.0	0.0	0	0	0
08-Feb-12	300	10.3	212	SSW	43.8	20.5	5.8	0.0	0	0	0
08-Feb-12	400	12.5	214	SW	45.3	7.4	2.7	0.0	0	0	0
08-Feb-12	500	12.9	230	SW	45.2	3.8	2.0	0.0	0	0	0
08-Feb-12	600	12.6	261	W	47.0	8.0	5.5	0.0	0	0	0
08-Feb-12	700	13.4	272	W	49.6	8.2	6.0	0.0	0	0	0
08-Feb-12	800	16.0	287	WNW	50.3	4.9	1.9	0.0	0	0	0
08-Feb-12	900	25.2	289	WNW	55.1	3.7	1.0	0.0	0	0	0
08-Feb-12	1000	23.7	297	WNW	53.6	5.1	1.4	0.0	0	0	0
08-Feb-12	1100	21.3	299	WNW	51.8	8.2	4.9	0.0	0	0	0
08-Feb-12	1200	18.4	303	WNW	49.3	11.1	3.6	0.0	0	0	0
08-Feb-12	1300	16.3	306	NW	48.1	3.0	0.7	0.0	0	0	0
08-Feb-12	1400	18.4	304	WNW	48.6	4.8	1.8	0.0	0	0	0
08-Feb-12	1500	18.8	303	WNW	49.5	3.5	3.0	0.0	0	0	0
08-Feb-12	1600	19.6	297	WNW	50.4	17.7	11.1	0.0	0	0	0
08-Feb-12	1700	16.9	307	NW	49.6	8.7	3.3	0.0	0	0	0
08-Feb-12	1800	10.7	326	NW	50.4	15.5	2.5	0.0	0	0	0
08-Feb-12	1900	9.3	321	NW	49.9	21.9	5.9	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
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											
08-Feb-12	2000	11.4	317	NW	48.0	14.1	5.1	0.0	0	0	0
08-Feb-12	2100	14.4	313	NW	47.8	16.7	6.3	0.0	0	0	0
08-Feb-12	2200	15.5	311	NW	47.2	11.9	5.6	0.0	0	0	0
08-Feb-12	2300	12.7	316	NW	46.3	11.5	4.8	0.0	0	0	0
08-Feb-12	2400	13.0	302	WNW	43.3	10.6	4.3	0.0	0	0	0
09-Feb-12	100	17.8	310	NW	46.7	14.7	4.8	0.0	0	0	0
09-Feb-12	200	21.5	324	NW	52.7	16.6	6.9	0.0	0	0	0
09-Feb-12	300	16.7	333	NNW	47.8	16.1	9.6	0.0	0	0	0
09-Feb-12	400	16.8	326	NNW	48.2	25.7	12.8	0.0	0	0	0
09-Feb-12	500	15.1	303	WNW	44.7	22.8	13.9	0.0	0	0	0
09-Feb-12	600	10.7	347	NNW	45.3	24.7	11.5	0.0	0	0	0
09-Feb-12	700	13.5	331	NNW	49.4	30.5	12.7	0.0	0	0	0
09-Feb-12	800	10.3	333	NNW	52.8	38.8	16.4	0.0	0	0	0
09-Feb-12	900	8.4	335	NNW	54.8	36.8	13.9	0.0	0	0	0
09-Feb-12	1000	11.7	333	NNW	50.3	27.4	7.0	0.0	0	0	0
09-Feb-12	1100	11.3	357	NNW	50.1	41.8	12.6	0.0	0	0	0
09-Feb-12	1200	14.3	7	N	50.6	46.2	11.3	0.0	0	0	0
09-Feb-12	1300	17.3	5	N	51.8	50.9	11.5	0.0	0	0	0
09-Feb-12	1400	14.2	1	N	50.2	39.8	13.4	0.0	0	0	0
09-Feb-12	1500	8.6	348	NNW	50.2	42.5	12.5	0.0	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											
09-Feb-12	1600	10.1	31	NNE	54.1	65.0	14.7	0.0	0	0	0
09-Feb-12	1700	9.8	33	NNE	53.5	46.5	14.5	0.0	0	0	0
09-Feb-12	1800	10.6	51	NE	52.7	54.0	13.6	0.0	0	0	0
09-Feb-12	1900	7.7	55	NE	52.4	63.1	16.7	0.0	0	0	0
09-Feb-12	2000	7.3	53	NE	51.6	69.6	19.7	0.0	0	0	0
09-Feb-12	2100	9.2	55	NE	48.7	74.9	26.1	0.0	0	0	0
09-Feb-12	2200	12.5	59	ENE	49.7	68.7	24.0	0.0	0	0	0
09-Feb-12	2300	12.5	89	E	47.6	61.6	21.1	0.0	0	0	0
09-Feb-12	2400	8.7	137	SE	45.9	61.3	21.4	0.0	0	0	0
10-Feb-12	100	8.5	141	SE	44.4	69.6	18.6	0.0	0	0	0
10-Feb-12	200	7.9	156	SSE	43.7	71.3	22.5	0.0	0	0	0
10-Feb-12	300	8.9	154	SSE	43.5	50.7	21.5	0.0	0	0	0
10-Feb-12	400	8.5	164	SSE	43.3	46.4	16.0	0.0	0	0	0
10-Feb-12	500	10.3	153	SSE	43.6	43.7	15.7	0.0	0	0	0
10-Feb-12	600	11.7	151	SSE	46.1	52.7	16.5	0.0	0	0	0
10-Feb-12	700	13.2	128	SE	49.5	63.0	24.3	0.0	0	0	0
10-Feb-12	800	16.1	117	ESE	52.1	54.2	23.5	0.0	0	0	0
10-Feb-12	900	17.0	130	SE	54.3	51.1	15.3	0.0	0	0	0
10-Feb-12	1000	18.4	157	SSE	54.3	56.2	18.3	0.0	0	0	0
10-Feb-12	1100	19.4	176	S	54.3	45.6	15.0	0.0	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											
10-Feb-12	1200	19.3	181	S	54.4	50.0	18.3	0.0	0	0	0
10-Feb-12	1300	15.7	155	SSE	53.1	51.7	14.3	0.0	0	0	0
10-Feb-12	1400	15.5	148	SSE	52.9	50.6	15.6	0.0	0	0	0
10-Feb-12	1500	15.6	135	SE	52.9	57.4	18.6	0.0	0	0	0
10-Feb-12	1600	17.2	132	SE	53.7	46.2	15.2	0.0	0	0	0
10-Feb-12	1700	16.5	137	SE	52.5	39.8	12.9	0.0	0	0	0
10-Feb-12	1800	18.0	146	SE	52.5	36.2	8.6	0.0	0	0	0
10-Feb-12	1900	19.6	149	SSE	52.6	19.7	3.6	0.0	0	0	0
10-Feb-12	2000	18.0	156	SSE	51.5	26.5	9.9	0.0	0	0	0
10-Feb-12	2100	19.0	158	SSE	52.1	37.4	11.9	0.0	0	0	0
10-Feb-12	2200	20.5	160	SSE	53.6	59.0	16.9	0.0	0	0	0
10-Feb-12	2300	22.3	161	SSE	55.7	48.2	14.6	0.0	0	0	0
10-Feb-12	2400	23.0	166	SSE	56.0	43.5	18.0	0.0	0	0	0
11-Feb-12	100	18.8	162	SSE	50.9	29.1	11.4	0.0	0	0	0
11-Feb-12	200	20.8	162	SSE	53.8	34.0	11.6	0.0	0	0	0
11-Feb-12	300	21.5	161	SSE	54.4	36.1	8.9	0.0	0	0	0
11-Feb-12	400	18.8	164	SSE	50.7	32.5	14.4	0.0	0	0	0
11-Feb-12	500	19.8	166	SSE	51.9	32.2	13.4	0.0	0	0	0
11-Feb-12	600	20.7	168	SSE	53.4	38.9	12.9	0.0	0	0	0
11-Feb-12	700	22.9	166	SSE	56.3	38.0	15.8	0.0	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											
11-Feb-12	800	27.4	167	SSE	62.4	42.9	15.4	0.0	0	0	0
11-Feb-12	900	27.9	168	SSE	63.9	47.6	11.8	0.0	0	0	0
11-Feb-12	1000	25.9	171	S	61.2	46.1	11.5	0.0	0	0	0
11-Feb-12	1100	22.8	168	SSE	57.3	36.5	11.5	0.0	0	0	0
11-Feb-12	1200	22.9	172	S	57.5	44.9	18.2	0.0	0	0	0
11-Feb-12	1300	21.2	171	S	55.7	55.4	14.8	0.0	0	0	0
11-Feb-12	1400	19.1	164	SSE	53.6	58.2	19.2	0.0	0	0	0
11-Feb-12	1500	19.9	163	SSE	54.0	47.5	11.7	0.0	0	0	0
11-Feb-12	1600	20.0	162	SSE	54.0	56.8	21.6	0.0	0	0	0
11-Feb-12	1700	20.7	165	SSE	54.4	59.7	19.8	0.0	0	0	0
11-Feb-12	1800	17.9	162	SSE	51.7	47.1	19.8	0.0	0	0	0
11-Feb-12	1900	16.7	164	SSE	51.2	48.1	20.5	0.0	0	0	0
11-Feb-12	2000	17.7	177	S	50.8	44.7	10.2	0.0	0	0	0
11-Feb-12	2100	14.5	193	SSW	48.9	47.8	21.6	0.0	0	0	0
11-Feb-12	2200	12.3	211	SSW	46.6	45.3	24.7	0.0	0	0	0
11-Feb-12	2300	12.8	239	WSW	46.8	47.4	23.3	0.0	0	0	0
11-Feb-12	2400	11.6	278	W	47.3	44.7	15.8	0.0	0	0	0
12-Feb-12	100	12.1	269	W	44.3	13.2	3.3	0.0	0	0	0
12-Feb-12	200	11.7	265	W	43.6	20.8	5.1	0.0	0	0	0
12-Feb-12	300	10.0	287	WNW	43.3	13.3	2.6	0.0	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											
12-Feb-12	400	17.4	274	W	44.2	9.0	5.5	0.0	0	0	0
12-Feb-12	500	16.6	282	WNW	44.7	2.3	0.7	0.0	0	0	0
12-Feb-12	600	16.3	275	W	44.4	1.6	0.9	0.0	0	0	0
12-Feb-12	700	13.0	285	WNW	44.2	8.0	4.6	0.0	0	0	0
12-Feb-12	800	9.2	279	W	43.6	7.1	2.9	0.0	0	0	0
12-Feb-12	900	9.8	284	WNW	44.9	7.1	2.5	0.0	0	0	0
12-Feb-12	1000	9.6	279	W	47.6	3.3	1.8	0.0	0	0	0
12-Feb-12	1100	10.2	267	W	48.3	2.4	1.0	0.0	0	0	0
12-Feb-12	1200	14.2	278	W	46.9	5.1	2.5	0.0	0	0	0
12-Feb-12	1300	9.8	280	W	49.3	3.7	2.8	0.0	0	0	0
12-Feb-12	1400	8.4	284	WNW	47.5	5.3	4.1	0.0	0	0	0
12-Feb-12	1500	11.2	249	WSW	49.0	2.5	0.8	0.0	0	0	0
12-Feb-12	1600	11.5	268	W	47.3	4.5	2.1	0.0	0	0	0
12-Feb-12	1700	8.5	316	NW	50.3	7.3	1.4	0.0	0	0	0
12-Feb-12	1800	5.0	339	NNW	50.6	7.6	1.9	0.0	0	0	0
12-Feb-12	1900	5.2	269	W	49.7	4.0	1.2	0.0	0	0	0
12-Feb-12	2000	9.7	244	WSW	47.4	5.9	1.6	0.0	0	0	0
12-Feb-12	2100	11.3	247	WSW	45.6	2.0	0.7	0.0	0	0	0
12-Feb-12	2200	12.4	257	WSW	43.7	3.3	1.0	0.0	0	0	0
12-Feb-12	2300	15.7	269	W	46.3	2.1	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
<u>Alarms</u>											
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											
12-Feb-12	2400	15.3	268	W	44.8	4.4	3.2	0.0	0	0	0
13-Feb-12	100	15.8	279	W	44.0	6.5	4.6	0.0	0	0	0
13-Feb-12	200	16.4	289	WNW	45.3	10.3	6.4	0.0	0	0	0
13-Feb-12	300	14.9	303	WNW	44.9	8.0	4.0	0.0	0	0	0
13-Feb-12	400	17.0	317	NW	46.4	3.5	3.3	0.0	0	0	0
13-Feb-12	500	10.5	337	NNW	43.6	0.9	0.4	0.0	0	0	0
13-Feb-12	600	8.8	339	NNW	44.0	1.9	0.5	0.0	0	0	0
13-Feb-12	700	8.3	326	NW	48.7	5.2	3.4	0.0	0	0	0