

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											
20-Feb-12	800	8.4	245	WSW	43.9	4.8	1.2	0	0	0	0
20-Feb-12	900	8.2	262	W	45.1	5.5	1.6	0	0	0	0
20-Feb-12	1000	8.1	287	WNW	50.0	1.1	0.9	0	0	0	0
20-Feb-12	1100	7.7	250	WSW	53.7	1.6	0.6	0	0	0	0
20-Feb-12	1200	10.6	217	SW	50.3	1.4	1.0	0	0	0	0
20-Feb-12	1300	10.6	206	SSW	50.7	1.5	1.2	0	0	0	0
20-Feb-12	1400	8.0	177	S	49.1	1.6	1.5	0	0	0	0
20-Feb-12	1500	12.2	162	SSE	48.5	7.5	5.5	0	0	0	0
20-Feb-12	1600	13.4	156	SSE	48.7	0.9	0.3	0	0	0	0
20-Feb-12	1700	14.2	163	SSE	48.2	1.9	0.5	0	0	0	0
20-Feb-12	1800	12.9	169	S	48.6	2.9	0.8	0	0	0	0
20-Feb-12	1900	13.3	162	SSE	47.9	11.1	3.6	0	0	0	0
20-Feb-12	2000	14.7	177	S	48.0	9.7	4.0	0	0	0	0
20-Feb-12	2100	16.2	179	S	48.5	2.6	1.3	0	0	0	0
20-Feb-12	2200	16.8	179	S	48.6	2.9	1.7	0	0	0	0
20-Feb-12	2300	13.8	197	SSW	46.6	3.2	1.2	0	0	0	0
20-Feb-12	2400	13.0	203	SSW	45.6	2.8	1.1	0	0	0	0
21-Feb-12	100	14.7	217	SW	44.9	1.5	0.9	0	0	0	0
21-Feb-12	200	16.4	227	SW	45.2	5.4	5.4	0	0	0	0
21-Feb-12	300	17.8	232	SW	45.1	1.4	0.4	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											
21-Feb-12	400	17.0	247	WSW	44.4	0.9	0.3	0	0	0	0
21-Feb-12	500	20.8	263	W	47.0	1.4	0.3	0	0	0	0
21-Feb-12	600	21.7	263	W	48.7	0.9	0.4	0	0	0	0
21-Feb-12	700	17.2	282	WNW	49.5	0.9	0.4	0	0	0	0
21-Feb-12	800	21.9	263	W	52.8	1.8	0.9	0	0	0	0
21-Feb-12	900	19.7	252	WSW	53.2	1.6	0.4	0	0	0	0
21-Feb-12	1000	24.5	261	W	55.4	3.2	1.0	0	0	0	0
21-Feb-12	1100	33.2	261	W	61.6	4.5	1.9	0	0	0	0
21-Feb-12	1200	28.6	258	WSW	57.9	3.8	0.9	0	0	0	0
21-Feb-12	1300	30.8	258	WSW	59.6	1.5	1.2	0	0	0	0
21-Feb-12	1400	33.3	261	W	62.1	1.4	0.5	0	0	0	0
21-Feb-12	1500	35.0	268	W	64.1	2.4	1.4	0	0	0	0
21-Feb-12	1600	30.2	263	W	59.8	0.8	0.3	0	0	0	0
21-Feb-12	1700	25.8	266	W	55.3	0.7	0.3	0	0	0	0
21-Feb-12	1800	22.7	259	W	51.7	1.6	0.6	0	0	0	0
21-Feb-12	1900	19.8	257	WSW	49.9	3.8	0.8	0	0	0	0
21-Feb-12	2000	18.9	248	WSW	47.9	1.9	0.5	0	0	0	0
21-Feb-12	2100	20.8	258	WSW	49.6	0.9	0.3	0	0	0	0
21-Feb-12	2200	18.9	255	WSW	47.0	1.4	0.5	0	0	0	0
21-Feb-12	2300	17.7	251	WSW	46.6	0.6	0.4	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											
21-Feb-12	2400	14.8	263	W	43.8	2.5	1.2	0	0	0	0
22-Feb-12	100	13.2	243	WSW	42.3	3.3	0.8	0	0	0	0
22-Feb-12	200	14.7	251	WSW	43.1	2.6	1.3	0	0	0	0
22-Feb-12	300	14.8	227	SW	43.9	0.9	0.7	0	0	0	0
22-Feb-12	400	14.3	256	WSW	42.7	0.7	0.3	0	0	0	0
22-Feb-12	500	16.2	248	WSW	43.8	3.2	1.1	0	0	0	0
22-Feb-12	600	18.1	246	WSW	47.4	1.2	0.4	0	0	0	0
22-Feb-12	700	14.4	257	WSW	51.7	4.6	1.2	0	0	0	0
22-Feb-12	800	15.7	269	W	54.3	1.0	0.4	0	0	0	0
22-Feb-12	900	21.1	340	NNW	58.6	22.9	16.0	0	0	0	0
22-Feb-12	1000	26.7	346	NNW	61.1	3.4	0.9	0	0	0	0
22-Feb-12	1100	20.4	344	NNW	58.0	3.2	2.0	0	0	0	0
22-Feb-12	1200	13.2	282	WNW	50.1	8.9	4.7	0	0	0	0
22-Feb-12	1300	16.1	264	W	50.4	2.1	1.4	0	0	0	0
22-Feb-12	1400	18.8	331	NNW	54.7	16.3	2.7	0	0	0	0
22-Feb-12	1500	21.5	344	NNW	56.4	7.2	2.0	0	0	0	0
22-Feb-12	1600	23.5	2	N	57.4	4.7	1.3	0	0	0	0
22-Feb-12	1700	20.4	355	NNW	55.0	2.2	0.7	0	0	0	0
22-Feb-12	1800	13.1	333	NNW	52.9	3.0	1.0	0	0	0	0
22-Feb-12	1900	11.1	323	NW	49.1	1.1	0.4	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											
22-Feb-12	2000	14.8	339	NNW	50.8	2.2	0.5	0	0	0	0
22-Feb-12	2100	16.8	312	NW	49.0	3.3	2.3	0	0	0	0
22-Feb-12	2200	20.9	323	NW	54.4	2.0	1.1	0	0	0	0
22-Feb-12	2300	18.0	317	NW	49.2	1.0	0.7	0	0	0	0
22-Feb-12	2400	19.0	313	NW	48.8	1.3	0.8	0	0	0	0
23-Feb-12	100	17.0	310	NW	46.4	3.7	1.1	0	0	0	0
23-Feb-12	200	16.9	323	NW	47.1	5.1	1.4	0	0	0	0
23-Feb-12	300	15.4	330	NNW	47.8	8.3	3.6	0	0	0	0
23-Feb-12	400	19.2	325	NW	49.9	1.0	0.4	0	0	0	0
23-Feb-12	500	20.0	320	NW	50.1	1.4	0.4	0	0	0	0
23-Feb-12	600	17.2	335	NNW	50.7	3.0	0.8	0	0	0	0
23-Feb-12	700	16.9	328	NNW	52.2	5.3	2.0	0	0	0	0
23-Feb-12	800	19.5	320	NW	55.6	23.3	6.0	0	0	0	0
23-Feb-12	900	15.2	309	NW	55.1	41.5	9.5	0	0	0	0
23-Feb-12	1000	16.3	308	NW	53.0	20.4	3.5	0	0	0	0
23-Feb-12	1100	17.8	342	NNW	55.0	3.1	0.6	0	0	0	0
23-Feb-12	1200	17.9	346	NNW	53.9	2.7	1.2	0	0	0	0
23-Feb-12	1300	11.5	348	NNW	52.4	1.6	0.7	0	0	0	0
23-Feb-12	1400	9.4	39	NE	53.2	7.9	2.3	0	0	0	0
23-Feb-12	1500	9.1	31	NNE	54.6	11.7	6.9	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>											
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											
23-Feb-12	1600	10.8	347	NNW	52.1	2.2	0.5	0	0	0	0
23-Feb-12	1700	5.8	48	NE	53.6	5.2	2.6	0	0	0	0
23-Feb-12	1800	9.1	21	NNE	54.4	4.3	1.6	0	0	0	0
23-Feb-12	1900	9.5	339	NNW	46.7	1.0	0.5	0	0	0	0
23-Feb-12	2000	9.9	302	WNW	45.7	0.9	0.7	0	0	0	0
23-Feb-12	2100	9.2	257	WSW	45.6	1.3	1.0	0	0	0	0
23-Feb-12	2200	8.9	286	WNW	44.0	1.1	0.8	0	0	0	0
23-Feb-12	2300	10.7	306	NW	45.6	11.2	4.2	0	0	0	0
23-Feb-12	2400	14.8	322	NW	48.4	5.8	3.2	0	0	0	0
24-Feb-12	100	15.7	333	NNW	49.4	1.5	0.4	0	0	0	0
24-Feb-12	200	12.3	336	NNW	46.0	1.7	0.7	0	0	0	0
24-Feb-12	300	9.2	289	WNW	45.4	2.0	0.8	0	0	0	0
24-Feb-12	400	9.1	257	WSW	43.9	2.1	1.3	0	0	0	0
24-Feb-12	500	10.9	246	WSW	44.8	4.2	2.6	0	0	0	0
24-Feb-12	600	10.0	251	WSW	48.4	1.0	0.9	0	0	0	0
24-Feb-12	700	10.4	255	WSW	51.0	1.6	1.2	0	0	0	0
24-Feb-12	800	9.1	252	WSW	52.9	1.9	1.2	0	0	0	0
24-Feb-12	900	6.7	241	WSW	55.0	1.4	1.2	0	0	0	0
24-Feb-12	1000	7.3	212	SSW	53.9	1.5	0.7	0	0	0	0
24-Feb-12	1100	9.7	161	SSE	54.3	3.3	1.6	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											
24-Feb-12	1200	16.0	152	SSE	54.8	8.9	7.2	0	0	0	0
24-Feb-12	1300	20.4	141	SE	56.2	6.6	2.5	0	0	0	0
24-Feb-12	1400	21.0	131	SE	57.0	4.5	2.2	0	0	0	0
24-Feb-12	1500	21.5	128	SE	57.0	9.2	3.3	0	0	0	0
24-Feb-12	1600	22.0	129	SE	56.7	9.1	2.9	0	0	0	0
24-Feb-12	1700	22.1	129	SE	56.0	2.6	1.0	0	0	0	0
24-Feb-12	1800	22.9	132	SE	56.4	8.1	2.4	0	0	0	0
24-Feb-12	1900	23.3	138	SE	55.7	14.7	4.6	0	0	0	0
24-Feb-12	2000	26.1	153	SSE	59.4	23.4	9.2	0	0	0	0
24-Feb-12	2100	26.0	159	SSE	59.5	18.4	6.8	0	0	0	0
24-Feb-12	2200	23.3	159	SSE	57.4	10.1	2.2	0	0	0	0
24-Feb-12	2300	16.4	135	SE	50.8	15.0	3.5	0	0	0	0
24-Feb-12	2400	16.5	147	SSE	50.4	25.6	8.9	0	0	0	0
25-Feb-12	100	9.2	144	SE	47.5	32.4	11.4	0	0	0	0
25-Feb-12	200	6.5	87	E	44.9	30.8	11.1	0	0	0	0
25-Feb-12	300	5.5	78	ENE	45.6	16.3	4.8	0	0	0	0
25-Feb-12	400	4.5	57	ENE	46.1	19.1	4.0	0	0	0	0
25-Feb-12	500	8.9	1	N	44.4	16.3	3.7	0	0	0	0
25-Feb-12	600	7.3	333	NNW	44.5	15.0	7.8	0	0	0	0
25-Feb-12	700	12.2	337	NNW	45.0	26.1	12.6	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											
25-Feb-12	800	11.7	12	NNE	49.2	8.0	2.8	0	0	0	0
25-Feb-12	900	15.9	355	NNW	52.2	10.8	5.8	0	0	0	0
25-Feb-12	1000	28.4	357	NNW	61.0	18.8	10.6	0	0	0	0
25-Feb-12	1100	32.5	350	NNW	62.9	20.0	6.9	0	0	0	0
25-Feb-12	1200	35.0	350	NNW	64.0	25.7	16.0	0	0	0	0
25-Feb-12	1300	37.4	346	NNW	67.6	34.5	13.4	0	0	0	0
25-Feb-12	1400	38.8	345	NNW	68.4	53.6	20.2	0	0	0	0
25-Feb-12	1500	38.5	344	NNW	68.8	39.2	9.6	0	0	0	0
25-Feb-12	1600	40.3	349	NNW	68.4	49.8	17.4	1.1	0	0	0
25-Feb-12	1700	42.1	355	NNW	67.8	34.4	14.0	0	0	0	0
25-Feb-12	1800	36.2	354	NNW	64.7	24.5	9.0	0	0	0	0
25-Feb-12	1900	34.6	0	N	62.8	12.0	2.2	0	0	0	0
25-Feb-12	2000	31.7	358	NNW	61.2	25.8	8.0	0	0	0	0
25-Feb-12	2100	27.7	360	NNW	58.7	19.8	5.7	0	0	0	0
25-Feb-12	2200	22.1	353	NNW	54.9	9.8	4.3	0	0	0	0
25-Feb-12	2300	15.3	345	NNW	49.1	17.1	9.9	0	0	0	0
25-Feb-12	2400	12.0	339	NNW	45.8	15.0	5.2	0	0	0	0
26-Feb-12	100	12.0	345	NNW	44.0	17.8	6.7	0	0	0	0
26-Feb-12	200	8.4	340	NNW	41.9	13.6	8.0	0	0	0	0
26-Feb-12	300	8.0	337	NNW	41.9	21.6	7.7	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											
26-Feb-12	400	7.8	338	NNW	42.1	11.8	5.6	0	0	0	0
26-Feb-12	500	7.0	341	NNW	41.8	9.3	5.0	0	0	0	0
26-Feb-12	600	11.1	356	NNW	42.4	20.4	7.2	0	0	0	0
26-Feb-12	700	11.0	352	NNW	41.1	9.1	5.6	0	0	0	0
26-Feb-12	800	11.2	349	NNW	42.4	14.3	5.1	0	0	0	0
26-Feb-12	900	11.6	347	NNW	43.8	15.6	5.0	0	0	0	0
26-Feb-12	1000	12.7	347	NNW	46.0	8.6	5.0	0	0	0	0
26-Feb-12	1100	14.7	349	NNW	46.2	18.5	5.5	0	0	0	0
26-Feb-12	1200	16.5	350	NNW	48.6	13.6	5.5	0	0	0	0
26-Feb-12	1300	17.4	351	NNW	49.7	21.5	5.9	0	0	0	0
26-Feb-12	1400	17.2	358	NNW	48.6	10.5	3.7	0	0	0	0
26-Feb-12	1500	14.6	4	N	45.4	17.0	3.8	0	0	0	0
26-Feb-12	1600	12.8	4	N	46.8	25.5	10.5	0	0	0	0
26-Feb-12	1700	11.2	10	N	45.7	14.4	3.3	0	0	0	0
26-Feb-12	1800	9.4	359	NNW	45.3	5.7	3.2	0	0	0	0
26-Feb-12	1900	7.2	10	N	45.9	21.5	5.9	0	0	0	0
26-Feb-12	2000	3.9	350	NNW	44.7	11.8	7.8	0	0	0	0
26-Feb-12	2100	2.2	252	WSW	46.0	9.8	6.6	0	0	0	0
26-Feb-12	2200	3.8	244	WSW	41.5	15.0	10.6	0	0	0	0
26-Feb-12	2300	6.1	191	S	45.2	30.2	12.9	0	0	0	0

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<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											
26-Feb-12	2400	7.4	198	SSW	44.3	29.8	7.8	0	0	0	0
27-Feb-12	100	10.7	201	SSW	46.3	19.3	7.9	0	0	0	0
27-Feb-12	200	12.1	211	SSW	53.0	38.2	11.4	0	0	0	0
27-Feb-12	300	9.6	217	SW	50.1	27.5	10.7	0	0	0	0
27-Feb-12	400	8.9	222	SW	50.3	19.6	6.1	0	0	0	0
27-Feb-12	500	9.4	226	SW	48.6	21.1	8.2	0	0	0	0
27-Feb-12	600	7.9	257	WSW	48.9	34.8	15.5	0	0	0	0
27-Feb-12	700	7.1	250	WSW	52.8	20.2	8.4	0	0	0	0