

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											
28-Nov-11	800	5.9	153	SSE	54.4	19.7	4.8	0	0	0	0
28-Nov-11	900	10.4	176	S	56.2	8.8	2.5	0	0	0	0
28-Nov-11	1000	18.8	169	SSE	56.9	3.1	0.9	0	0	0	0
28-Nov-11	1100	24.1	164	SSE	59.4	6.9	3.5	0	0	0	0
28-Nov-11	1200	28.9	163	SSE	63.5	6.6	2.6	0	0	0	0
28-Nov-11	1300	23.7	159	SSE	59.2	8.1	3.4	0	0	0	0
28-Nov-11	1400	18.7	171	S	56.4	6.5	2.4	0	0	0	0
28-Nov-11	1500	12.7	195	SSW	54.8	5.8	1.6	0	0	0	0
28-Nov-11	1600	13.3	223	SW	54.4	5.5	4.0	0	0	0	0
28-Nov-11	1700	9.3	222	SW	52.0	4.0	3.4	0	0	0	0
28-Nov-11	1800	10.2	188	S	50.6	3.6	1.6	0	0	0	0
28-Nov-11	1900	8.2	199	SSW	49.8	7.3	4.0	0	0	0	0
28-Nov-11	2000	15.1	250	WSW	49.2	4.9	2.8	0	0	0	0
28-Nov-11	2100	20.9	261	W	49.4	0.8	0.6	0	0	0	0
28-Nov-11	2200	20.4	246	WSW	48.4	2.9	0.8	0	0	0	0
28-Nov-11	2300	17.8	239	WSW	48.0	3.4	2.1	0	0	0	0
28-Nov-11	2400	22.2	251	WSW	49.2	6.3	3.6	0	0	0	0
29-Nov-11	100	27.9	248	WSW	58.7	5.1	3.3	0	0	0	0
29-Nov-11	200	30.3	248	WSW	59.4	2.1	1.0	0	0	0	0
29-Nov-11	300	27.4	252	WSW	56.6	2.5	1.2	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
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											
29-Nov-11	400	27.5	248	WSW	56.0	2.5	1.8	0	0	0	0
29-Nov-11	500	25.7	251	WSW	54.3	1.7	1.2	0	0	0	0
29-Nov-11	600	24.4	253	WSW	52.4	2.1	0.6	0	0	0	0
29-Nov-11	700	24.8	253	WSW	54.2	3.7	2.1	0	0	0	0
29-Nov-11	800	22.5	257	WSW	54.1	2.0	0.6	0	0	0	0
29-Nov-11	900	22.5	258	WSW	54.0	3.5	2.1	0	0	0	0
29-Nov-11	1000	23.9	257	WSW	54.0	3.1	1.8	0	0	0	0
29-Nov-11	1100	22.1	259	W	54.9	2.5	1.5	0	0	0	0
29-Nov-11	1200	22.5	254	WSW	53.6	2.1	0.8	0	0	0	0
29-Nov-11	1300	23.9	251	WSW	55.8	1.5	1.3	0	0	0	0
29-Nov-11	1400	19.1	253	WSW	51.2	3.1	1.5	0	0	0	0
29-Nov-11	1500	19.0	267	W	51.2	1.7	0.8	0	0	0	0
29-Nov-11	1600	14.4	265	W	51.0	3.0	1.8	0	0	0	0
29-Nov-11	1700	13.8	269	W	51.3	2.6	1.7	0	0	0	0
29-Nov-11	1800	8.5	170	S	51.6	21.4	3.9	0	0	0	0
29-Nov-11	1900	7.1	142	SE	51.7	41.6	12.1	0	0	0	0
29-Nov-11	2000	7.7	165	SSE	50.7	26.0	8.6	0	0	0	0
29-Nov-11	2100	6.9	137	SE	48.9	23.9	6.0	0	0	0	0
29-Nov-11	2200	7.1	59	ENE	50.6	50.8	18.3	0	0	0	0
29-Nov-11	2300	7.4	14	NNE	50.3	19.3	6.1	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											
29-Nov-11	2400	6.2	349	NNW	50.8	27.7	7.7	0	0	0	0
30-Nov-11	100	12.7	322	NW	46.4	32.2	11.7	0	0	0	0
30-Nov-11	200	19.9	324	NW	50.1	29.9	10.7	0	0	0	0
30-Nov-11	300	21.8	324	NW	52.0	40.5	13.3	0	0	0	0
30-Nov-11	400	21.7	331	NNW	55.9	41.5	19.7	0	0	0	0
30-Nov-11	500	22.3	335	NNW	57.6	25.2	9.2	0	0	0	0
30-Nov-11	600	28.1	348	NNW	60.2	8.1	1.9	0	0	0	0
30-Nov-11	700	27.6	352	NNW	58.9	2.4	0.6	0	0	0	0
30-Nov-11	800	23.4	347	NNW	56.1	4.7	1.6	0	0	0	0
30-Nov-11	900	27.8	352	NNW	58.8	6.2	2.1	0	0	0	0
30-Nov-11	1000	20.4	342	NNW	55.1	7.9	3.6	0	0	0	0
30-Nov-11	1100	28.8	340	NNW	62.6	3.2	0.8	0	0	0	0
30-Nov-11	1200	24.6	338	NNW	60.4	4.2	3.0	0	0	0	0
30-Nov-11	1300	30.1	342	NNW	64.4	11.0	5.1	0	0	0	0
30-Nov-11	1400	24.1	337	NNW	60.6	6.8	1.8	0	0	0	0
30-Nov-11	1500	23.5	333	NNW	58.8	4.0	1.9	0	0	0	0
30-Nov-11	1600	18.0	332	NNW	54.6	1.4	0.9	0	0	0	0
30-Nov-11	1700	9.9	329	NNW	51.5	6.0	1.9	0	0	0	0
30-Nov-11	1800	4.6	318	NW	49.6	4.4	1.6	0	0	0	0
30-Nov-11	1900	8.9	265	W	49.0	7.3	5.3	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
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											
30-Nov-11	2000	9.2	231	SW	48.8	7.5	4.4	0	0	0	0
30-Nov-11	2100	12.7	218	SW	50.2	6.5	5.3	0	0	0	0
30-Nov-11	2200	15.3	203	SSW	50.4	3.5	1.3	0	0	0	0
30-Nov-11	2300	20.8	204	SSW	54.4	2.7	1.5	0	0	0	0
30-Nov-11	2400	19.1	204	SSW	52.3	2.8	1.4	0	0	0	0
01-Dec-11	100	14.1	227	SW	49.3	2.7	2.2	0	0	0	0
01-Dec-11	200	16.4	255	WSW	45.7	4.0	3.5	0	0	0	0
01-Dec-11	300	20.9	269	W	48.1	1.8	1.4	0	0	0	0
01-Dec-11	400	21.7	265	W	48.8	3.3	1.5	0	0	0	0
01-Dec-11	500	22.1	268	W	49.5	4.0	2.6	0	0	0	0
01-Dec-11	600	20.9	266	W	48.6	2.1	1.9	0	0	0	0
01-Dec-11	700	19.6	263	W	49.6	2.8	0.7	0	0	0	0
01-Dec-11	800	21.0	267	W	54.1	3.3	1.4	0	0	0	0
01-Dec-11	900	20.8	259	WSW	52.2	6.4	5.4	0	0	0	0
01-Dec-11	1000	21.0	254	WSW	52.0	2.0	0.6	0	0	0	0
01-Dec-11	1100	21.4	249	WSW	52.5	2.4	0.7	0	0	0	0
01-Dec-11	1200	23.7	246	WSW	53.9	7.5	4.0	0	0	0	0
01-Dec-11	1300	26.7	247	WSW	56.2	6.8	3.1	0	0	0	0
01-Dec-11	1400	28.7	254	WSW	59.0	4.9	1.8	0	0	0	0
01-Dec-11	1500	30.3	257	WSW	60.9	5.3	3.0	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											
01-Dec-11	1600	29.8	251	WSW	59.9	5.2	2.5	0	0	0	0
01-Dec-11	1700	30.3	243	WSW	59.2	5.6	3.5	0	0	0	0
01-Dec-11	1800	31.5	245	WSW	59.9	5.3	3.2	0	0	0	0
01-Dec-11	1900	19.5	268	W	50.8	2.8	1.6	0	0	0	0
01-Dec-11	2000	17.5	259	WSW	48.8	3.9	1.1	0	0	0	0
01-Dec-11	2100	18.8	254	WSW	51.0	2.9	1.7	0	0	0	0
01-Dec-11	2200	24.4	265	W	53.7	4.9	2.8	0	0	0	0
01-Dec-11	2300	21.7	279	W	54.5	6.3	2.7	0	0	0	0
01-Dec-11	2400	26.7	278	W	58.3	7.1	2.2	0	0	0	0
02-Dec-11	100	23.2	257	WSW	52.8	6.2	3.5	0	0	0	0
02-Dec-11	200	20.4	256	WSW	47.6	3.5	2.1	0	0	0	0
02-Dec-11	300	21.3	274	W	50.3	3.5	1.2	0	0	0	0
02-Dec-11	400	14.6	328	NNW	47.6	3.3	1.0	0	0	0	0
02-Dec-11	500	26.8	303	WNW	60.2	5.9	2.4	0	0	0	0
02-Dec-11	600	21.7	295	WNW	51.8	2.0	1.3	0	0	0	0
02-Dec-11	700	24.6	300	WNW	54.8	6.4	5.8	0	0	0	0
02-Dec-11	800	31.7	306	NW	62.5	4.2	1.6	0	0	0	0
02-Dec-11	900	35.7	301	WNW	65.9	3.4	0.9	0	0	0	0
02-Dec-11	1000	36.0	304	NW	65.9	6.5	4.8	0	0	0	0
02-Dec-11	1100	39.4	304	NW	68.2	7.0	1.2	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
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											
02-Dec-11	1200	46.2	311	NW	72.2	9.8	1.6	0	0	0	0
02-Dec-11	1300	45.8	315	NW	72.3	15.7	2.3	0	0	0	0
02-Dec-11	1400	48.3	319	NW	73.5	16.6	2.5	0	0	0	0
02-Dec-11	1500	39.7	323	NW	69.3	2.6	0.5	0	0	0	0
02-Dec-11	1600	46.3	319	NW	72.4	16.5	3.7	0	0	0	0
02-Dec-11	1700	34.2	319	NW	64.5	2.8	1.0	0	0	0	0
02-Dec-11	1800	22.7	318	NW	54.4	1.6	0.5	0	0	0	0
02-Dec-11	1900	15.5	318	NW	49.1	2.2	2.1	0	0	0	0
02-Dec-11	2000	13.9	324	NW	48.8	1.1	0.4	0	0	0	0
02-Dec-11	2100	10.1	307	NW	47.0	1.9	1.2	0	0	0	0
02-Dec-11	2200	8.7	296	WNW	45.8	1.1	0.9	0	0	0	0
02-Dec-11	2300	8.2	247	WSW	47.8	1.5	1.0	0	0	0	0
02-Dec-11	2400	8.0	189	S	44.8	3.2	2.6	0	0	0	0
03-Dec-11	100	9.7	192	SSW	45.1	2.2	1.6	0	0	0	0
03-Dec-11	200	12.4	194	SSW	48.3	2.2	1.8	0	0	0	0
03-Dec-11	300	11.5	196	SSW	49.6	1.9	1.3	0	0	0	0
03-Dec-11	400	8.0	227	SW	46.2	1.3	0.5	0	0	0	0
03-Dec-11	500	14.7	256	WSW	43.1	2.0	2.0	0	0	0	0
03-Dec-11	600	15.7	259	W	44.0	1.1	0.5	0	0	0	0
03-Dec-11	700	14.6	263	W	45.4	0.7	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											
03-Dec-11	800	13.1	274	W	46.8	1.0	0.4	0	0	0	0
03-Dec-11	900	12.4	273	W	46.7	1.7	0.6	0	0	0	0
03-Dec-11	1000	17.9	282	WNW	49.0	1.1	1.0	0	0	0	0
03-Dec-11	1100	17.2	297	WNW	50.7	1.0	0.6	0	0	0	0
03-Dec-11	1200	17.6	304	NW	50.0	2.4	0.7	0	0	0	0
03-Dec-11	1300	13.3	328	NNW	50.3	1.0	0.4	0	0	0	0
03-Dec-11	1400	20.7	312	NW	52.7	1.2	0.5	0	0	0	0
03-Dec-11	1500	22.0	305	NW	52.8	1.5	0.5	0	0	0	0
03-Dec-11	1600	26.1	304	WNW	56.9	1.3	0.5	0	0	0	0
03-Dec-11	1700	34.2	326	NW	64.2	1.8	1.1	0	0	0	0
03-Dec-11	1800	23.5	350	NNW	57.7	3.8	1.3	0	0	0	0
03-Dec-11	1900	25.1	344	NNW	60.3	1.3	0.5	0	0	0	0
03-Dec-11	2000	23.3	345	NNW	59.1	2.3	1.5	0	0	0	0
03-Dec-11	2100	23.4	350	NNW	58.4	1.7	1.1	0	0	0	0
03-Dec-11	2200	23.3	5	N	55.1	5.0	4.7	0	0	0	0
03-Dec-11	2300	25.4	7	N	57.3	3.1	2.0	0	0	0	0
03-Dec-11	2400	23.9	3	N	56.2	1.3	0.6	0	0	0	0
04-Dec-11	100	25.1	5	N	56.8	1.8	0.8	0	0	0	0
04-Dec-11	200	22.8	4	N	53.9	3.7	1.6	0	0	0	0
04-Dec-11	300	22.2	2	N	53.8	10.0	5.1	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
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											
04-Dec-11	400	14.8	0	N	44.2	7.3	6.2	0	0	0	0
04-Dec-11	500	8.6	343	NNW	42.3	4.8	4.5	0	0	0	0
04-Dec-11	600	7.6	321	NW	43.7	1.6	0.9	0	0	0	0
04-Dec-11	700	9.8	304	WNW	45.0	5.0	2.1	0	0	0	0
04-Dec-11	800	12.0	327	NNW	44.3	1.9	0.6	0	0	0	0
04-Dec-11	900	11.6	350	NNW	44.0	2.7	2.0	0	0	0	0
04-Dec-11	1000	12.6	10	N	43.2	4.4	3.3	0	0	0	0
04-Dec-11	1100	10.9	9	N	42.9	3.4	0.8	0	0	0	0
04-Dec-11	1200	4.5	344	NNW	46.1	5.5	4.0	0	0	0	0
04-Dec-11	1300	5.0	327	NNW	45.5	4.3	2.4	0	0	0	0
04-Dec-11	1400	6.2	284	WNW	46.6	5.2	3.7	0	0	0	0
04-Dec-11	1500	9.7	205	SSW	47.5	1.9	0.8	0	0	0	0
04-Dec-11	1600	9.7	192	SSW	46.5	5.0	3.5	0	0	0	0
04-Dec-11	1700	10.4	183	S	46.3	7.1	6.1	0	0	0	0
04-Dec-11	1800	11.6	170	S	47.6	9.3	4.6	0	0	0	0
04-Dec-11	1900	15.0	188	S	49.9	7.5	4.4	0	0	0	0
04-Dec-11	2000	17.8	192	SSW	52.4	10.0	7.7	0	0	0	0
04-Dec-11	2100	16.9	189	S	51.8	5.2	3.5	0	0	0	0
04-Dec-11	2200	14.3	192	SSW	48.3	6.8	2.1	0	0	0	0
04-Dec-11	2300	16.7	209	SSW	51.8	5.0	2.7	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
<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											
04-Dec-11	2400	16.5	225	SW	53.0	5.3	3.0	0	0	0	0
05-Dec-11	100	12.6	241	WSW	51.2	1.1	0.8	0	0	0	0
05-Dec-11	200	15.0	256	WSW	50.3	2.6	0.7	0	0	0	0
05-Dec-11	300	21.0	266	W	51.4	2.9	1.0	0	0	0	0
05-Dec-11	400	27.9	269	W	57.3	2.5	0.7	0	0	0	0
05-Dec-11	500	25.1	268	W	52.8	1.5	0.8	0	0	0	0
05-Dec-11	600	20.6	264	W	49.2	2.3	1.8	0	0	0	0
05-Dec-11	700	24.0	271	W	53.2	2.6	0.7	0	0	0	0