

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>											
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-Nov-11	800	17.7	276	W	53.3	14.4	4.6	0.0	0	0	0
07-Nov-11	900	18.5	276	W	54.0	15.2	10.5	0.0	0	0	0
07-Nov-11	1000	19.6	275	W	51.9	12.6	9.2	0.0	0	0	0
07-Nov-11	1100	20.3	279	W	53.0	18.9	17.6	0.0	0	0	0
07-Nov-11	1200	21.3	282	WNW	53.1	12.7	4.5	0.0	0	0	0
07-Nov-11	1300	22.5	284	WNW	54.2	4.6	1.0	0.0	0	0	0
07-Nov-11	1400	19.3	279	W	52.6	10.9	7.0	0.0	0	0	0
07-Nov-11	1500	20.2	263	W	53.8	7.1	1.7	0.0	0	0	0
07-Nov-11	1600	19.8	256	WSW	52.3	10.5	3.8	0.0	0	0	0
07-Nov-11	1700	23.5	259	W	54.8	12.5	5.6	0.0	0	0	0
07-Nov-11	1800	23.7	255	WSW	54.5	11.2	5.6	0.0	0	0	0
07-Nov-11	1900	23.3	256	WSW	54.5	14.1	7.4	0.0	0	0	0
07-Nov-11	2000	23.2	256	WSW	54.1	12.4	5.6	0.0	0	0	0
07-Nov-11	2100	23.6	263	W	54.0	11.2	5.2	0.0	0	0	0
07-Nov-11	2200	22.1	269	W	53.3	12.9	4.8	0.0	0	0	0
07-Nov-11	2300	25.8	275	W	56.2	13.6	7.3	0.0	0	0	0
07-Nov-11	2400	20.9	266	W	52.3	13.0	6.5	0.0	0	0	0
08-Nov-11	100	20.2	272	W	51.2	14.0	4.9	0.0	0	0	0
08-Nov-11	200	25.6	276	W	56.2	17.4	8.0	0.0	0	0	0
08-Nov-11	300	24.8	282	WNW	54.7	18.0	7.4	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											
08-Nov-11	400	20.1	279	W	48.6	14.2	6.3	0.0	0	0	0
08-Nov-11	500	17.3	272	W	45.0	15.0	6.7	0.0	0	0	0
08-Nov-11	600	15.3	288	WNW	47.0	10.9	4.8	0.0	0	0	0
08-Nov-11	700	14.6	284	WNW	52.0	13.3	9.6	0.0	0	0	0
08-Nov-11	800	13.7	278	W	55.6	12.8	7.5	0.0	0	0	0
08-Nov-11	900	12.8	274	W	55.9	10.7	5.2	0.0	0	0	0
08-Nov-11	1000	16.7	276	W	51.9	8.5	3.6	0.0	0	0	0
08-Nov-11	1100	21.5	281	W	53.9	3.2	0.7	0.0	0	0	0
08-Nov-11	1200	21.1	282	WNW	53.0	11.8	5.2	0.0	0	0	0
08-Nov-11	1300	18.9	292	WNW	52.0	2.7	0.7	0.0	0	0	0
08-Nov-11	1400	18.3	270	W	52.3	13.2	2.7	0.0	0	0	0
08-Nov-11	1500	18.5	266	W	51.3	3.3	3.1	0.0	0	0	0
08-Nov-11	1600	18.1	276	W	51.1	3.5	0.6	0.0	0	0	0
08-Nov-11	1700	17.1	253	WSW	52.1	4.7	3.2	0.0	0	0	0
08-Nov-11	1800	16.1	263	W	52.3	10.2	3.4	0.0	0	0	0
08-Nov-11	1900	16.3	270	W	52.0	8.3	6.8	0.0	0	0	0
08-Nov-11	2000	14.3	268	W	52.5	7.4	2.0	0.0	0	0	0
08-Nov-11	2100	15.2	276	W	50.6	3.5	2.2	0.0	0	0	0
08-Nov-11	2200	15.2	275	W	50.6	6.7	3.3	0.0	0	0	0
08-Nov-11	2300	16.9	279	W	52.2	10.2	3.5	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
<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											
08-Nov-11	2400	16.8	280	W	50.5	8.4	6.2	0.0	0	0	0
09-Nov-11	100	15.4	276	W	50.4	5.5	3.7	0.0	0	0	0
09-Nov-11	200	16.6	282	WNW	47.6	6.9	4.1	0.0	0	0	0
09-Nov-11	300	14.9	281	W	43.1	4.4	3.7	0.0	0	0	0
09-Nov-11	400	13.8	283	WNW	42.2	7.1	5.5	0.0	0	0	0
09-Nov-11	500	12.7	270	W	42.7	8.2	5.1	0.0	0	0	0
09-Nov-11	600	11.4	257	WSW	47.1	8.1	5.8	0.0	0	0	0
09-Nov-11	700	10.0	228	SW	51.6	10.4	5.0	0.0	0	0	0
09-Nov-11	800	9.4	211	SSW	55.7	15.1	5.9	0.0	0	0	0
09-Nov-11	900	8.0	195	SSW	57.4	32.3	7.4	0.0	0	0	0
09-Nov-11	1000	11.2	184	S	54.3	23.4	5.3	0.0	0	0	0
09-Nov-11	1100	14.6	178	S	54.1	13.7	3.5	0.0	0	0	0
09-Nov-11	1200	18.3	174	S	55.0	22.5	8.7	0.0	0	0	0
09-Nov-11	1300	13.5	166	SSE	54.8	34.9	11.7	0.0	0	0	0
09-Nov-11	1400	16.7	170	S	54.2	29.9	6.9	0.0	0	0	0
09-Nov-11	1500	17.3	163	SSE	55.4	35.3	10.8	0.0	0	0	0
09-Nov-11	1600	17.6	166	SSE	56.0	41.9	11.1	0.0	0	0	0
09-Nov-11	1700	17.4	170	S	55.1	42.3	11.4	0.0	0	0	0
09-Nov-11	1800	14.8	166	SSE	53.4	41.8	12.7	0.0	0	0	0
09-Nov-11	1900	15.3	175	S	51.9	38.7	11.5	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											
09-Nov-11	2000	11.2	190	S	50.7	34.8	10.9	0.0	0	0	0
09-Nov-11	2100	13.2	222	SW	53.2	22.7	12.4	0.0	0	0	0
09-Nov-11	2200	17.1	245	WSW	54.3	4.8	1.4	0.0	0	0	0
09-Nov-11	2300	11.7	286	WNW	49.5	10.6	4.1	0.0	0	0	0
09-Nov-11	2400	9.2	236	SW	51.6	6.9	4.7	0.0	0	0	0
10-Nov-11	100	18.8	228	SW	53.8	7.4	5.8	0.0	0	0	0
10-Nov-11	200	24.8	250	WSW	56.4	3.8	0.9	0.0	0	0	0
10-Nov-11	300	15.6	245	WSW	43.9	6.3	4.6	0.0	0	0	0
10-Nov-11	400	16.4	240	WSW	44.4	6.5	6.1	0.0	0	0	0
10-Nov-11	500	15.8	218	SW	47.1	12.7	9.7	0.0	0	0	0
10-Nov-11	600	14.1	222	SW	47.9	6.8	3.6	0.0	0	0	0
10-Nov-11	700	15.1	218	SW	54.0	11.6	11.8	0.0	0	0	0
10-Nov-11	800	11.9	220	SW	55.3	13.2	10.5	0.0	0	0	0
10-Nov-11	900	13.3	224	SW	55.9	13.8	6.9	0.0	0	0	0
10-Nov-11	1000	20.2	236	SW	55.5	9.1	5.6	0.0	0	0	0
10-Nov-11	1100	28.1	252	WSW	58.6	10.7	4.5	0.0	0	0	0
10-Nov-11	1200	24.4	248	WSW	58.5	7.8	2.1	0.0	0	0	0
10-Nov-11	1300	40.6	266	W	69.7	17.2	5.6	0.0	0	0	0
10-Nov-11	1400	31.5	271	W	64.2	4.4	0.9	0.0	0	0	0
10-Nov-11	1500	28.6	277	W	60.6	9.7	4.8	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											
10-Nov-11	1600	29.5	277	W	61.5	3.4	0.8	0.0	0	0	0
10-Nov-11	1700	20.7	270	W	53.2	2.6	1.7	0.0	0	0	0
10-Nov-11	1800	16.0	256	WSW	50.4	4.6	2.3	0.0	0	0	0
10-Nov-11	1900	14.1	249	WSW	51.1	2.7	2.0	0.0	0	0	0
10-Nov-11	2000	15.3	228	SW	48.4	4.1	2.4	0.0	0	0	0
10-Nov-11	2100	10.4	228	SW	49.3	3.4	1.2	0.0	0	0	0
10-Nov-11	2200	9.9	226	SW	47.5	4.5	1.5	0.0	0	0	0
10-Nov-11	2300	7.9	193	SSW	48.0	7.4	2.7	0.0	0	0	0
10-Nov-11	2400	12.0	205	SSW	45.7	3.6	2.4	0.0	0	0	0
11-Nov-11	100	8.8	187	S	44.2	4.6	3.5	0.0	0	0	0
11-Nov-11	200	8.5	203	SSW	42.5	6.3	4.1	0.0	0	0	0
11-Nov-11	300	10.4	215	SW	43.6	3.6	2.2	0.0	0	0	0
11-Nov-11	400	9.3	200	SSW	43.9	3.8	2.8	0.0	0	0	0
11-Nov-11	500	4.9	172	S	44.0	10.0	4.0	0.0	0	0	0
11-Nov-11	600	5.9	149	SSE	45.2	4.5	3.8	0.0	0	0	0
11-Nov-11	700	7.8	170	S	50.0	5.8	4.3	0.0	0	0	0
11-Nov-11	800	8.5	243	WSW	52.4	7.1	4.8	0.0	0	0	0
11-Nov-11	900	9.5	266	W	53.1	5.7	1.8	0.0	0	0	0
11-Nov-11	1000	6.9	258	WSW	54.4	18.2	6.2	0.0	0	0	0
11-Nov-11	1100	12.0	263	W	53.0	2.6	0.7	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
<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											
11-Nov-11	1200	10.2	188	S	53.0	11.5	3.2	0.0	0	0	0
11-Nov-11	1300	8.0	174	S	53.0	15.9	5.9	0.0	0	0	0
11-Nov-11	1400	6.8	168	SSE	52.3	23.4	9.9	0.0	0	0	0
11-Nov-11	1500	5.0	224	SW	53.6	26.1	7.7	0.0	0	0	0
11-Nov-11	1600	7.7	265	W	52.2	6.7	1.2	0.0	0	0	0
11-Nov-11	1700	17.6	295	WNW	50.8	9.9	2.0	0.0	0	0	0
11-Nov-11	1800	21.4	277	W	51.5	2.0	1.1	0.0	0	0	0
11-Nov-11	1900	24.5	276	W	54.4	4.4	1.8	0.0	0	0	0
11-Nov-11	2000	21.3	269	W	50.9	2.9	1.2	0.0	0	0	0
11-Nov-11	2100	21.3	287	WNW	50.9	2.3	0.9	0.0	0	0	0
11-Nov-11	2200	21.4	328	NNW	52.2	3.8	1.3	0.0	0	0	0
11-Nov-11	2300	21.1	327	NNW	52.6	9.8	3.6	0.0	0	0	0
11-Nov-11	2400	25.5	321	NW	55.3	6.2	1.7	0.0	0	0	0
12-Nov-11	100	24.8	322	NW	54.4	11.0	5.9	0.0	0	0	0
12-Nov-11	200	24.8	331	NNW	56.4	18.2	6.6	0.0	0	0	0
12-Nov-11	300	19.9	333	NNW	52.0	8.5	4.6	0.0	0	0	0
12-Nov-11	400	21.4	337	NNW	56.8	4.6	2.1	0.0	0	0	0
12-Nov-11	500	27.1	332	NNW	60.7	1.8	0.5	0.0	0	0	0
12-Nov-11	600	27.1	329	NNW	58.5	1.9	1.4	0.0	0	0	0
12-Nov-11	700	27.7	328	NNW	59.3	2.3	1.1	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-Nov-11	800	20.4	331	NNW	55.1	13.4	5.9	0.0	0	0	0
12-Nov-11	900	15.2	341	NNW	52.8	3.9	2.5	0.0	0	0	0
12-Nov-11	1000	10.2	311	NW	53.3	5.4	2.1	0.0	0	0	0
12-Nov-11	1100	6.0	349	N	54.2	6.9	2.0	0.0	0	0	0
12-Nov-11	1200	8.1	178	S	54.6	4.4	1.0	0.0	0	0	0
12-Nov-11	1300	17.8	159	SSE	54.5	3.0	0.6	0.0	0	0	0
12-Nov-11	1400	21.2	157	SSE	55.9	7.2	2.7	0.0	0	0	0
12-Nov-11	1500	22.3	155	SSE	56.9	6.5	5.0	0.0	0	0	0
12-Nov-11	1600	16.8	157	SSE	51.6	2.6	0.6	0.0	0	0	0
12-Nov-11	1700	15.0	149	SSE	50.5	7.6	3.1	0.0	0	0	0
12-Nov-11	1800	9.5	169	S	49.8	11.5	4.8	0.0	0	0	0
12-Nov-11	1900	13.8	256	WSW	45.4	7.3	4.3	0.0	0	0	0
12-Nov-11	2000	12.9	259	W	45.5	1.2	0.4	0.0	0	0	0
12-Nov-11	2100	16.7	250	WSW	45.4	1.6	0.9	0.0	0	0	0
12-Nov-11	2200	24.2	249	WSW	50.9	1.3	0.8	0.0	0	0	0
12-Nov-11	2300	22.2	247	WSW	49.0	1.0	0.5	0.0	0	0	0
12-Nov-11	2400	14.4	255	WSW	45.8	1.9	0.8	0.0	0	0	0
13-Nov-11	100	19.4	249	WSW	47.2	1.9	0.8	0.0	0	0	0
13-Nov-11	200	23.2	249	WSW	50.7	1.8	0.6	0.0	0	0	0
13-Nov-11	300	12.9	274	W	43.2	1.8	0.4	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											
13-Nov-11	400	17.5	262	W	46.6	1.9	1.7	0.0	0	0	0
13-Nov-11	500	26.8	261	W	57.3	1.9	0.9	0.0	0	0	0
13-Nov-11	600	15.4	257	WSW	44.3	2.0	1.5	0.0	0	0	0
13-Nov-11	700	19.0	263	W	48.6	1.3	1.0	0.0	0	0	0
13-Nov-11	800	20.7	268	W	49.5	1.3	0.8	0.0	0	0	0
13-Nov-11	900	19.1	259	W	48.8	1.2	0.6	0.0	0	0	0
13-Nov-11	1000	21.8	269	W	50.6	1.0	0.4	0.0	0	0	0
13-Nov-11	1100	16.5	260	W	49.1	1.1	0.4	0.0	0	0	0
13-Nov-11	1200	20.9	266	W	53.3	1.6	0.4	0.0	0	0	0
13-Nov-11	1300	28.5	280	W	60.3	2.1	0.5	0.0	0	0	0
13-Nov-11	1400	31.0	274	W	62.1	2.0	0.5	0.0	0	0	0
13-Nov-11	1500	33.0	276	W	63.9	2.0	0.5	0.0	0	0	0
13-Nov-11	1600	31.2	282	WNW	62.2	2.8	2.0	0.0	0	0	0
13-Nov-11	1700	25.9	281	W	56.9	4.4	2.5	0.0	0	0	0
13-Nov-11	1800	17.9	263	W	47.0	2.1	0.7	0.0	0	0	0
13-Nov-11	1900	18.2	253	WSW	47.7	2.3	0.6	0.0	0	0	0
13-Nov-11	2000	18.5	251	WSW	47.8	1.1	0.9	0.0	0	0	0
13-Nov-11	2100	20.1	251	WSW	48.4	0.9	0.7	0.0	0	0	0
13-Nov-11	2200	19.7	264	W	48.3	0.8	0.4	0.0	0	0	0
13-Nov-11	2300	15.5	258	WSW	46.7	1.7	0.5	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											
13-Nov-11	2400	16.7	278	W	45.4	2.0	0.5	0.0	0	0	0
14-Nov-11	100	13.7	263	W	42.0	2.5	1.4	0.0	0	0	0
14-Nov-11	200	13.2	259	WSW	42.1	2.3	1.5	0.0	0	0	0
14-Nov-11	300	12.0	248	WSW	42.5	1.3	0.5	0.0	0	0	0
14-Nov-11	400	16.4	246	WSW	43.7	3.5	3.4	0.0	0	0	0
14-Nov-11	500	13.5	250	WSW	42.4	1.1	0.7	0.0	0	0	0
14-Nov-11	600	14.5	247	WSW	47.1	0.8	0.5	0.0	0	0	0
14-Nov-11	700	13.4	246	WSW	50.5	1.2	0.6	0.0	0	0	0