

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											
12-Dec-11	800	16.3	192	SSW	52.5	10.3	8.0	0.0	0	0	0
12-Dec-11	900	18.4	186	S	55.0	24.7	9.5	0.0	0	0	0
12-Dec-11	1000	17.3	192	SSW	54.2	14.2	4.9	0.0	0	0	0
12-Dec-11	1100	12.9	194	SSW	52.6	13.7	4.9	0.0	0	0	0
12-Dec-11	1200	12.4	199	SSW	53.4	11.4	9.6	0.0	0	0	0
12-Dec-11	1300	16.0	198	SSW	55.4	7.9	6.2	0.0	0	0	0
12-Dec-11	1400	15.1	200	SSW	54.3	8.6	8.5	0.0	0	0	0
12-Dec-11	1500	13.9	198	SSW	53.7	6.9	4.0	0.0	0	0	0
12-Dec-11	1600	13.8	187	S	53.7	8.2	2.9	0.0	0	0	0
12-Dec-11	1700	14.4	185	S	53.5	16.3	9.6	0.0	0	0	0
12-Dec-11	1800	12.5	192	SSW	51.3	14.1	5.0	0.0	0	0	0
12-Dec-11	1900	10.8	220	SW	49.9	16.3	9.4	0.0	0	0	0
12-Dec-11	2000	11.4	253	WSW	49.2	4.0	1.8	0.0	0	0	0
12-Dec-11	2100	14.5	260	W	47.7	2.3	2.1	0.0	0	0	0
12-Dec-11	2200	16.1	250	WSW	45.7	3.9	2.4	0.0	0	0	0
12-Dec-11	2300	20.6	261	W	49.3	5.1	2.5	0.0	0	0	0
12-Dec-11	2400	23.4	263	W	52.2	2.9	1.3	0.0	0	0	0
13-Dec-11	100	20.1	266	W	48.3	2.3	1.2	0.0	0	0	0
13-Dec-11	200	16.3	274	W	45.3	2.0	1.9	0.0	0	0	0
13-Dec-11	300	16.9	279	W	47.5	2.9	1.8	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
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											
13-Dec-11	400	16.9	278	W	49.1	1.5	1.3	0.0	0	0	0
13-Dec-11	500	13.5	287	WNW	44.9	2.1	1.4	0.0	0	0	0
13-Dec-11	600	12.2	292	WNW	46.7	1.4	1.0	0.0	0	0	0
13-Dec-11	700	9.7	290	WNW	48.4	2.2	0.5	0.0	0	0	0
13-Dec-11	800	9.8	299	WNW	52.2	2.1	1.3	0.0	0	0	0
13-Dec-11	900	11.8	292	WNW	53.5	2.3	2.0	0.0	0	0	0
13-Dec-11	1000	11.7	281	W	52.1	2.6	0.7	0.0	0	0	0
13-Dec-11	1100	10.4	271	W	52.3	2.6	1.1	0.0	0	0	0
13-Dec-11	1200	8.2	256	WSW	52.8	2.3	1.1	0.0	0	0	0
13-Dec-11	1300	8.1	224	SW	53.2	2.5	1.2	0.0	0	0	0
13-Dec-11	1400	9.2	213	SSW	52.5	2.2	1.7	0.0	0	0	0
13-Dec-11	1500	7.8	245	WSW	52.9	2.3	1.3	0.0	0	0	0
13-Dec-11	1600	7.5	209	SSW	52.7	5.2	4.5	0.0	0	0	0
13-Dec-11	1700	10.9	184	S	52.1	15.8	7.3	0.0	0	0	0
13-Dec-11	1800	9.7	218	SW	50.9	1.7	0.4	0.0	0	0	0
13-Dec-11	1900	11.7	230	SW	48.9	5.8	4.1	0.0	0	0	0
13-Dec-11	2000	15.5	235	SW	46.9	4.6	1.7	0.0	0	0	0
13-Dec-11	2100	24.6	269	W	53.8	3.5	1.4	0.0	0	0	0
13-Dec-11	2200	33.9	271	W	61.9	3.9	1.3	0.0	0	0	0
13-Dec-11	2300	34.5	271	W	62.2	2.1	1.0	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											
13-Dec-11	2400	34.9	278	W	63.2	4.2	2.0	0.0	0	0	0
14-Dec-11	100	32.1	287	WNW	60.9	4.8	2.1	0.0	0	0	0
14-Dec-11	200	16.6	332	NNW	48.8	1.2	0.3	0.0	0	0	0
14-Dec-11	300	19.0	327	NNW	48.9	1.1	0.6	0.0	0	0	0
14-Dec-11	400	20.8	3	N	49.9	6.5	3.3	0.0	0	0	0
14-Dec-11	500	19.1	4	N	47.3	12.6	7.6	0.0	0	0	0
14-Dec-11	600	21.3	2	N	50.9	11.8	7.7	0.0	0	0	0
14-Dec-11	700	15.6	348	NNW	49.1	5.3	2.4	0.0	0	0	0
14-Dec-11	800	13.2	333	NNW	50.4	4.8	2.7	0.0	0	0	0
14-Dec-11	900	15.0	340	NNW	53.2	4.2	2.2	0.0	0	0	0
14-Dec-11	1000	20.3	353	N	54.1	5.2	2.1	0.0	0	0	0
14-Dec-11	1100	16.7	352	N	54.4	2.1	0.6	0.0	0	0	0
14-Dec-11	1200	9.1	340	NNW	53.4	6.0	2.8	0.0	0	0	0
14-Dec-11	1300	5.4	303	WNW	51.8	2.5	2.4	0.0	0	0	0
14-Dec-11	1400	4.9	314	NW	52.0	2.8	2.2	0.0	0	0	0
14-Dec-11	1500	9.2	1	N	52.3	3.5	1.1	0.0	0	0	0
14-Dec-11	1600	6.4	46	NE	54.0	3.2	1.3	0.0	0	0	0
14-Dec-11	1700	6.3	93	E	52.7	5.5	2.5	0.0	0	0	0
14-Dec-11	1800	6.7	103	ESE	50.2	5.4	2.3	0.0	0	0	0
14-Dec-11	1900	5.9	146	SE	50.1	8.4	4.4	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											
14-Dec-11	2000	10.5	172	S	48.9	8.9	3.6	0.0	0	0	0
14-Dec-11	2100	9.8	169	SSE	46.8	7.9	3.7	0.0	0	0	0
14-Dec-11	2200	9.3	169	S	46.4	6.8	5.4	0.0	0	0	0
14-Dec-11	2300	9.6	165	SSE	46.1	10.6	8.8	0.0	0	0	0
14-Dec-11	2400	12.3	156	SSE	45.8	11.3	6.0	0.0	0	0	0
15-Dec-11	100	10.4	146	SE	44.4	6.2	2.4	0.0	0	0	0
15-Dec-11	200	10.4	161	SSE	44.8	13.8	10.3	0.0	0	0	0
15-Dec-11	300	18.0	164	SSE	49.8	10.5	9.2	0.0	0	0	0
15-Dec-11	400	22.3	166	SSE	54.7	7.5	3.5	0.0	0	0	0
15-Dec-11	500	21.9	163	SSE	54.5	6.6	2.3	0.0	0	0	0
15-Dec-11	600	20.4	168	SSE	52.8	6.3	2.6	0.0	0	0	0
15-Dec-11	700	16.2	158	SSE	51.8	7.1	3.0	0.0	0	0	0
15-Dec-11	800	14.1	166	SSE	53.2	8.8	3.4	0.0	0	0	0
15-Dec-11	900	12.4	196	SSW	54.0	9.3	5.4	0.0	0	0	0
15-Dec-11	1000	9.9	222	SW	53.9	12.3	8.6	0.0	0	0	0
15-Dec-11	1100	6.5	269	W	52.4	7.2	4.8	0.0	0	0	0
15-Dec-11	1200	14.1	267	W	51.8	1.3	0.7	0.0	0	0	0
15-Dec-11	1300	16.9	292	WNW	51.9	5.4	5.1	0.0	0	0	0
15-Dec-11	1400	17.7	336	NNW	53.4	3.3	1.0	0.0	0	0	0
15-Dec-11	1500	19.7	318	NW	52.5	18.2	10.4	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
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											
15-Dec-11	1600	17.8	320	NW	53.7	3.7	1.1	0.0	0	0	0
15-Dec-11	1700	13.1	340	NNW	52.0	18.5	5.7	0.0	0	0	0
15-Dec-11	1800	8.6	337	NNW	50.6	10.5	8.1	0.0	0	0	0
15-Dec-11	1900	8.3	344	NNW	51.3	7.7	4.9	0.0	0	0	0
15-Dec-11	2000	8.4	229	SW	47.9	6.5	3.7	0.0	0	0	0
15-Dec-11	2100	7.6	188	S	49.3	8.7	4.6	0.0	0	0	0
15-Dec-11	2200	12.1	173	S	48.9	17.8	10.5	0.0	0	0	0
15-Dec-11	2300	17.2	178	S	49.7	21.4	8.3	0.0	0	0	0
15-Dec-11	2400	14.1	178	S	46.5	18.3	10.4	0.0	0	0	0
16-Dec-11	100	13.4	183	S	45.4	19.1	12.4	0.0	0	0	0
16-Dec-11	200	13.8	203	SSW	45.2	17.1	10.3	0.0	0	0	0
16-Dec-11	300	14.5	246	WSW	43.7	4.8	3.9	0.0	0	0	0
16-Dec-11	400	22.1	265	W	50.0	0.8	0.6	0.0	0	0	0
16-Dec-11	500	22.2	263	W	50.2	0.9	0.4	0.0	0	0	0
16-Dec-11	600	20.9	263	W	49.0	1.2	0.4	0.0	0	0	0
16-Dec-11	700	20.8	265	W	49.5	1.3	0.4	0.0	0	0	0
16-Dec-11	800	20.7	267	W	52.0	2.7	0.9	0.0	0	0	0
16-Dec-11	900	18.6	259	W	50.7	0.9	0.3	0.0	0	0	0
16-Dec-11	1000	17.6	260	W	50.4	0.6	0.3	0.0	0	0	0
16-Dec-11	1100	14.4	246	WSW	50.9	1.0	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
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											
16-Dec-11	1200	20.4	259	W	51.5	1.1	0.6	0.0	0	0	0
16-Dec-11	1300	23.2	266	W	53.0	1.8	0.4	0.0	0	0	0
16-Dec-11	1400	20.2	270	W	51.2	1.8	0.4	0.0	0	0	0
16-Dec-11	1500	17.7	271	W	49.9	1.7	0.4	0.0	0	0	0
16-Dec-11	1600	20.2	271	W	51.3	1.0	0.6	0.0	0	0	0
16-Dec-11	1700	19.9	266	W	50.4	0.9	0.3	0.0	0	0	0
16-Dec-11	1800	17.9	256	WSW	48.8	1.9	0.6	0.0	0	0	0
16-Dec-11	1900	20.6	264	W	50.1	0.7	0.4	0.0	0	0	0
16-Dec-11	2000	23.3	263	W	52.7	0.9	0.5	0.0	0	0	0
16-Dec-11	2100	22.6	258	WSW	52.3	1.0	0.4	0.0	0	0	0
16-Dec-11	2200	20.4	261	W	49.4	1.5	0.4	0.0	0	0	0
16-Dec-11	2300	21.5	260	W	51.0	1.2	0.3	0.0	0	0	0
16-Dec-11	2400	21.5	257	WSW	50.3	0.8	0.5	0.0	0	0	0
17-Dec-11	100	15.8	254	WSW	43.6	0.9	0.5	0.0	0	0	0
17-Dec-11	200	15.1	247	WSW	43.6	0.7	0.3	0.0	0	0	0
17-Dec-11	300	12.9	238	WSW	42.9	0.9	0.3	0.0	0	0	0
17-Dec-11	400	12.1	217	SW	42.9	0.9	0.5	0.0	0	0	0
17-Dec-11	500	15.8	251	WSW	45.2	1.1	0.6	0.0	0	0	0
17-Dec-11	600	17.2	233	SW	44.4	0.7	0.4	0.0	0	0	0
17-Dec-11	700	20.4	231	SW	49.4	1.0	0.6	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											
17-Dec-11	800	24.1	239	WSW	51.6	0.7	0.3	0.0	0	0	0
17-Dec-11	900	21.3	225	SW	51.2	0.7	0.3	0.0	0	0	0
17-Dec-11	1000	18.2	242	WSW	48.4	1.0	0.7	0.0	0	0	0
17-Dec-11	1100	11.3	250	WSW	48.8	1.1	0.3	0.0	0	0	0
17-Dec-11	1200	11.7	191	S	50.3	6.2	3.0	0.0	0	0	0
17-Dec-11	1300	11.2	199	SSW	49.1	4.8	1.6	0.0	0	0	0
17-Dec-11	1400	9.1	289	WNW	49.5	2.4	1.9	0.0	0	0	0
17-Dec-11	1500	12.7	237	WSW	48.5	4.7	3.4	0.0	0	0	0
17-Dec-11	1600	23.5	247	WSW	51.9	1.9	1.4	0.0	0	0	0
17-Dec-11	1700	24.0	232	SW	52.2	1.1	0.3	0.0	0	0	0
17-Dec-11	1800	19.7	231	SW	51.2	1.9	0.8	0.0	0	0	0
17-Dec-11	1900	17.7	225	SW	47.9	0.9	0.5	0.0	0	0	0
17-Dec-11	2000	8.5	184	S	45.9	0.9	0.4	0.0	0	0	0
17-Dec-11	2100	15.2	226	SW	48.9	1.2	0.6	0.0	0	0	0
17-Dec-11	2200	25.9	266	W	54.4	0.9	0.6	0.0	0	0	0
17-Dec-11	2300	16.4	288	WNW	47.0	0.9	0.3	0.0	0	0	0
17-Dec-11	2400	15.6	294	WNW	46.2	0.8	0.3	0.0	0	0	0
18-Dec-11	100	17.3	258	WSW	46.9	0.9	0.6	0.0	0	0	0
18-Dec-11	200	15.5	286	WNW	44.4	0.9	0.5	0.0	0	0	0
18-Dec-11	300	24.6	321	NW	56.2	6.9	6.0	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											
18-Dec-11	400	25.1	347	NNW	57.1	12.5	8.4	0.0	0	0	0
18-Dec-11	500	27.5	354	N	57.6	12.0	5.0	0.0	0	0	0
18-Dec-11	600	27.5	356	N	57.7	1.8	0.9	0.0	0	0	0
18-Dec-11	700	23.7	2	N	53.8	1.2	0.5	0.0	0	0	0
18-Dec-11	800	18.5	8	N	48.7	4.9	2.0	0.0	0	0	0
18-Dec-11	900	11.4	327	NNW	45.2	4.0	2.4	0.0	0	0	0
18-Dec-11	1000	14.3	304	NW	47.7	1.1	0.4	0.0	0	0	0
18-Dec-11	1100	9.6	295	WNW	46.8	0.9	0.7	0.0	0	0	0
18-Dec-11	1200	10.2	303	WNW	49.0	1.2	1.0	0.0	0	0	0
18-Dec-11	1300	11.3	332	NNW	48.8	1.2	0.9	0.0	0	0	0
18-Dec-11	1400	12.6	358	N	48.5	1.9	1.5	0.0	0	0	0
18-Dec-11	1500	13.8	359	N	49.0	1.7	0.9	0.0	0	0	0
18-Dec-11	1600	11.3	356	N	49.6	2.6	1.0	0.0	0	0	0
18-Dec-11	1700	11.4	330	NNW	48.7	3.0	2.6	0.0	0	0	0
18-Dec-11	1800	10.3	334	NNW	47.5	0.9	0.4	0.0	0	0	0
18-Dec-11	1900	10.0	314	NW	48.5	3.5	1.8	0.0	0	0	0
18-Dec-11	2000	9.4	269	W	47.1	1.8	1.3	0.0	0	0	0
18-Dec-11	2100	5.8	248	WSW	44.8	4.2	2.9	0.0	0	0	0
18-Dec-11	2200	3.9	195	SSW	45.4	1.5	0.8	0.0	0	0	0
18-Dec-11	2300	6.3	182	S	43.8	2.8	0.8	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
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											
18-Dec-11	2400	9.0	196	SSW	43.7	3.9	1.2	0.0	0	0	0
19-Dec-11	100	15.1	184	S	48.0	1.7	1.3	0.0	0	0	0
19-Dec-11	200	20.1	197	SSW	52.8	1.4	1.3	0.0	0	0	0
19-Dec-11	300	17.7	195	SSW	49.5	1.0	0.4	0.0	0	0	0
19-Dec-11	400	16.1	204	SSW	47.3	1.4	0.4	0.0	0	0	0
19-Dec-11	500	17.0	218	SW	47.1	0.8	0.5	0.0	0	0	0
19-Dec-11	600	19.9	230	SW	49.1	0.7	0.4	0.0	0	0	0
19-Dec-11	700	16.8	242	WSW	51.8	1.2	0.5	0.0	0	0	0