

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											
13-Aug-12	800	22.4	197	SSW	59.2	43.4	16.4	0	0	0	0
13-Aug-12	900	17.4	199	SSW	57.5	46.8	18.6	0	0	0	0
13-Aug-12	1000	16.7	194	SSW	56.6	55.7	20.6	0	0	0	0
13-Aug-12	1100	14.5	181	S	55.2	60.1	23.6	0	0	0	0
13-Aug-12	1200	14.3	168	SSE	56.0	68.1	26.5	0	0	0	0
13-Aug-12	1300	15.4	171	S	56.0	73.3	28.6	0	0	0	0
13-Aug-12	1400	14.7	170	S	55.6	69.0	25.5	0	0	0	0
13-Aug-12	1500	15.2	156	SSE	55.7	69.7	25.6	0	0	0	0
13-Aug-12	1600	13.2	172	S	53.6	66.1	26.4	0	0	0	0
13-Aug-12	1700	10.5	159	SSE	60.3	63.3	25.8	0	0	0	0
13-Aug-12	1800	11.9	155	SSE	51.6	69.1	24.7	0	0	0	0
13-Aug-12	1900	10.9	150	SSE	50.6	73.0	28.5	0	0	0	0
13-Aug-12	2000	9.5	158	SSE	49.9	72.0	30.1	0	0	0	0
13-Aug-12	2100	9.1	167	SSE	50.0	77.4	30.9	0	0	0	0
13-Aug-12	2200	9.2	189	S	49.0	86.4	35.4	0	0	0	0
13-Aug-12	2300	9.4	320	NW	52.5	95.3	35.7	0	0	0	0
13-Aug-12	2400	13.7	321	NW	52.9	101.4	33.1	0	0	0	0
14-Aug-12	100	14.6	318	NW	52.9	87.4	29.9	0	0	0	0
14-Aug-12	200	19.7	324	NW	53.5	80.6	27.5	0	0	0	0
14-Aug-12	300	19.5	329	NNW	53.2	74.0	27.1	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											
14-Aug-12	400	18.0	333	NNW	51.9	69.4	28.8	0	0	0	0
14-Aug-12	500	16.1	337	NNW	51.7	77.0	30.3	0	0	0	0
14-Aug-12	600	12.8	342	NNW	54.9	88.1	30.4	0	0	0	0
14-Aug-12	700	9.1	345	NNW	56.9	79.8	29.1	0	0	0	0
14-Aug-12	800	16.1	360	N	56.7	93.4	37.2	0	0	0	0
14-Aug-12	900	17.5	6	N	55.3	121.4	45.1	0	0	0	0
14-Aug-12	1000	12.5	22	NNE	55.4	121.2	46.3	0	0	0	0
14-Aug-12	1100	10.6	52	NE	56.1	117.2	45.1	0	0	0	0
14-Aug-12	1200	10.4	74	ENE	56.1	141.8	51.9	0	0	0	0
14-Aug-12	1300	10.3	90	E	55.2	139.8	56.5	0	0	0	0
14-Aug-12	1400	25.6	359	N	72.3	128.0	41.1	2.1	0	0	0
14-Aug-12	1500	41.3	350	N	72.5	10.3	4.6	0.1	0	0	0
14-Aug-12	1600	33.5	347	NNW	70.4	13.2	6.7	1.1	0	0	0
14-Aug-12	1700	25.4	346	NNW	63.0	16.7	7.2	0.7	0	0	0
14-Aug-12	1800	22.4	331	NNW	58.1	13.3	7.3	0	0	0	0
14-Aug-12	1900	21.3	338	NNW	60.4	13.6	7.5	0	0	0	0
14-Aug-12	2000	23.6	346	NNW	62.1	10.5	4.8	0.2	0	0	0
14-Aug-12	2100	25.7	354	N	61.0	8.0	5.4	0.8	0	0	0
14-Aug-12	2200	21.0	337	NNW	56.1	12.5	7.6	0	0	0	0
14-Aug-12	2300	22.2	354	N	55.0	10.7	6.3	0.7	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-Aug-12	2400	24.2	6	N	55.5	18.3	9.0	0	0	0	0
15-Aug-12	100	18.2	356	N	52.8	23.5	11.0	0.2	0	0	0
15-Aug-12	200	14.1	342	NNW	51.4	31.8	14.4	0	0	0	0
15-Aug-12	300	14.4	339	NNW	51.4	33.8	14.3	0	0	0	0
15-Aug-12	400	15.5	322	NW	49.6	44.2	17.3	0	0	0	0
15-Aug-12	500	16.7	322	NW	50.3	28.8	12.0	0.2	0	0	0
15-Aug-12	600	13.2	317	NW	55.9	24.4	11.9	0	0	0	0
15-Aug-12	700	11.7	316	NW	58.7	31.5	12.4	0	0	0	0
15-Aug-12	800	13.3	320	NW	55.4	28.7	13.2	0	0	0	0
15-Aug-12	900	14.8	0	N	56.8	29.0	13.1	0	0	0	0
15-Aug-12	1000	15.8	357	N	56.8	27.2	12.0	0	0	0	0
15-Aug-12	1100	11.7	350	N	55.6	27.5	11.5	0	0	0	0
15-Aug-12	1200	10.9	358	N	57.2	32.6	11.8	0	0	0	0
15-Aug-12	1300	8.1	341	NNW	57.2	26.9	10.5	0	0	0	0
15-Aug-12	1400	8.0	322	NW	62.1	23.5	11.6	0	0	0	0
15-Aug-12	1500	6.7	304	NW	53.8	23.9	12.0	0	0	0	0
15-Aug-12	1600	6.1	69	ENE	55.3	26.8	11.1	0	0	0	0
15-Aug-12	1700	6.0	17	NNE	53.4	30.3	12.0	0	0	0	0
15-Aug-12	1800	7.1	83	E	54.0	42.3	17.0	0	0	0	0
15-Aug-12	1900	9.0	124	SE	53.2	36.3	12.8	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											
15-Aug-12	2000	12.9	151	SSE	52.2	62.1	21.8	0	0	0	0
15-Aug-12	2100	10.6	162	SSE	51.5	53.8	22.0	0	0	0	0
15-Aug-12	2200	12.5	172	S	51.9	56.8	23.0	0	0	0	0
15-Aug-12	2300	15.6	184	S	50.8	39.5	16.7	0	0	0	0
15-Aug-12	2400	12.7	202	SSW	49.7	29.7	11.3	0	0	0	0
16-Aug-12	100	10.8	209	SSW	50.9	31.0	14.0	0	0	0	0
16-Aug-12	200	11.3	227	SW	56.9	32.8	15.5	0	0	0	0
16-Aug-12	300	8.7	240	WSW	57.6	31.3	14.4	0	0	0	0
16-Aug-12	400	9.3	262	W	55.3	33.3	14.3	0	0	0	0
16-Aug-12	500	9.7	263	W	54.6	30.2	13.6	0	0	0	0
16-Aug-12	600	10.1	262	W	58.4	26.3	14.0	0	0	0	0
16-Aug-12	700	12.2	266	W	60.7	20.4	10.5	0	0	0	0
16-Aug-12	800	13.4	275	W	56.0	15.6	7.8	0	0	0	0
16-Aug-12	900	13.2	281	W	55.4	16.2	8.8	0	0	0	0
16-Aug-12	1000	10.6	304	WNW	53.9	27.5	8.2	0	0	0	0
16-Aug-12	1100	7.6	332	NNW	54.9	23.5	8.3	0	0	0	0
16-Aug-12	1200	5.5	177	S	71.9	25.3	7.2	0	0	0	0
16-Aug-12	1300	7.0	346	NNW	55.8	32.9	8.0	0	0	0	0
16-Aug-12	1400	6.3	38	NE	55.8	36.0	9.3	0	0	0	0
16-Aug-12	1500	7.4	30	NNE	56.0	47.1	12.0	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											
16-Aug-12	1600	8.0	67	ENE	54.7	42.5	10.8	0	0	0	0
16-Aug-12	1700	12.3	96	E	54.7	55.5	15.3	0	0	0	0
16-Aug-12	1800	11.8	115	ESE	52.4	43.6	14.5	0	0	0	0
16-Aug-12	1900	12.7	101	E	51.1	32.1	11.5	0	0	0	0
16-Aug-12	2000	9.3	115	ESE	51.8	45.1	14.9	0	0	0	0
16-Aug-12	2100	10.1	133	SE	51.1	42.2	13.9	0	0	0	0
16-Aug-12	2200	11.9	139	SE	51.9	34.3	14.1	0	0	0	0
16-Aug-12	2300	9.5	150	SSE	51.1	61.0	29.5	0	0	0	0
16-Aug-12	2400	8.3	160	SSE	47.7	40.6	18.0	0	0	0	0
17-Aug-12	100	7.3	163	SSE	47.1	22.1	12.4	0	0	0	0
17-Aug-12	200	7.0	185	S	45.7	26.2	10.1	0	0	0	0
17-Aug-12	300	5.7	238	WSW	50.6	26.3	12.1	0	0	0	0
17-Aug-12	400	9.0	273	W	52.0	29.2	11.7	0	0	0	0
17-Aug-12	500	8.1	294	WNW	55.8	22.7	8.4	0	0	0	0
17-Aug-12	600	8.6	297	WNW	58.7	25.6	10.9	0	0	0	0
17-Aug-12	700	8.2	295	WNW	62.0	38.6	11.7	0	0	0	0
17-Aug-12	800	11.5	312	NW	58.3	78.2	20.5	0	0	0	0
17-Aug-12	900	15.7	329	NNW	58.3	68.7	20.9	0	0	0	0
17-Aug-12	1000	13.6	334	NNW	57.0	61.4	15.4	0	0	0	0
17-Aug-12	1100	13.2	351	N	54.8	43.1	12.1	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											
17-Aug-12	1200	11.3	355	N	62.7	105.7	26.7	0	0	0	0
17-Aug-12	1300	11.2	354	N	58.6	121.3	33.0	0	0	0	0
17-Aug-12	1400	11.2	5	N	54.8	59.8	21.6	0	0	0	0
17-Aug-12	1500	9.2	5	N	54.3	54.7	18.9	0	0	0	0
17-Aug-12	1600	12.9	14	NNE	54.1	58.6	18.2	0	0	0	0
17-Aug-12	1700	12.0	32	NNE	54.7	47.7	18.7	0	0	0	0
17-Aug-12	1800	12.0	38	NE	53.7	53.3	18.4	0	0	0	0
17-Aug-12	1900	10.0	50	NE	54.3	51.7	19.9	0	0	0	0
17-Aug-12	2000	8.0	60	ENE	52.7	53.4	21.7	0	0	0	0
17-Aug-12	2100	7.1	74	ENE	53.0	135.1	39.0	0	0	0	0
17-Aug-12	2200	8.9	99	E	53.6	113.8	34.4	0	0	0	0
17-Aug-12	2300	8.7	113	ESE	54.4	57.1	22.7	0	0	0	0
17-Aug-12	2400	7.0	224	SW	52.5	58.5	27.1	0	0	0	0
18-Aug-12	100	8.8	225	SW	51.8	61.9	27.1	0	0	0	0
18-Aug-12	200	6.6	193	SSW	48.7	54.1	21.3	0	0	0	0
18-Aug-12	300	5.6	195	SSW	44.9	52.3	21.3	0	0	0	0
18-Aug-12	400	7.0	199	SSW	48.4	48.8	21.0	0	0	0	0
18-Aug-12	500	8.3	216	SW	53.3	58.2	22.6	0	0	0	0
18-Aug-12	600	6.7	213	SSW	56.2	57.2	21.8	0	0	0	0
18-Aug-12	700	5.9	213	SSW	56.9	54.5	23.6	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-Aug-12	800	6.8	198	SSW	56.9	54.6	22.4	0	0	0	0
18-Aug-12	900	12.0	168	SSE	56.4	61.7	24.8	0	0	0	0
18-Aug-12	1000	14.9	167	SSE	57.7	67.3	22.7	0	0	0	0
18-Aug-12	1100	17.7	159	SSE	57.9	64.2	21.8	0	0	0	0
18-Aug-12	1200	16.8	156	SSE	58.1	63.7	22.2	0	0	0	0
18-Aug-12	1300	17.3	151	SSE	57.7	62.7	21.6	0	0	0	0
18-Aug-12	1400	17.7	145	SE	57.0	60.9	18.2	0	0	0	0
18-Aug-12	1500	16.4	151	SSE	54.4	45.2	16.3	0	0	0	0
18-Aug-12	1600	15.9	144	SE	53.0	50.1	15.0	0	0	0	0
18-Aug-12	1700	17.1	153	SSE	53.5	39.4	14.3	0	0	0	0
18-Aug-12	1800	18.4	151	SSE	53.8	38.6	12.5	0	0	0	0
18-Aug-12	1900	15.8	141	SE	52.6	46.0	15.8	0	0	0	0
18-Aug-12	2000	15.6	131	SE	51.7	54.2	17.8	0	0	0	0
18-Aug-12	2100	13.2	133	SE	50.9	58.4	21.5	0	0	0	0
18-Aug-12	2200	13.8	149	SSE	50.8	60.6	20.8	0	0	0	0
18-Aug-12	2300	12.3	165	SSE	48.5	59.3	24.3	0	0	0	0
18-Aug-12	2400	14.1	167	SSE	49.2	65.3	23.7	0	0	0	0
19-Aug-12	100	11.5	162	SSE	47.4	63.7	24.5	0	0	0	0
19-Aug-12	200	10.6	165	SSE	46.6	59.9	22.3	0	0	0	0
19-Aug-12	300	9.8	173	S	45.4	60.3	24.4	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											
19-Aug-12	400	7.2	176	S	45.4	60.4	24.6	0	0	0	0
19-Aug-12	500	8.3	246	WSW	50.1	61.8	25.2	0	0	0	0
19-Aug-12	600	7.3	240	WSW	51.6	58.0	23.2	0	0	0	0
19-Aug-12	700	11.9	266	W	53.3	60.5	22.1	0	0	0	0
19-Aug-12	800	13.3	289	WNW	51.3	61.0	21.6	0	0	0	0
19-Aug-12	900	13.3	296	WNW	49.8	65.0	24.8	0	0	0	0
19-Aug-12	1000	8.3	289	WNW	49.7	70.0	23.2	0	0	0	0
19-Aug-12	1100	11.0	338	NNW	49.6	55.3	18.0	0	0	0	0
19-Aug-12	1200	9.7	9	N	50.6	48.3	19.2	0	0	0	0
19-Aug-12	1300	10.5	17	NNE	50.5	50.0	19.9	0	0	0	0
19-Aug-12	1400	13.8	15	NNE	51.7	62.5	18.0	0	0	0	0
19-Aug-12	1500	11.8	24	NNE	50.9	55.1	15.2	0	0	0	0
19-Aug-12	1600	9.1	30	NNE	50.6	48.0	18.4	0	0	0	0
19-Aug-12	1700	5.8	30	NNE	52.0	48.0	18.3	0	0	0	0
19-Aug-12	1800	6.3	17	NNE	51.3	55.9	19.7	0	0	0	0
19-Aug-12	1900	9.3	340	NNW	53.1	55.5	21.1	0	0	0	0
19-Aug-12	2000	16.1	323	NW	52.1	68.8	22.3	0	0	0	0
19-Aug-12	2100	10.0	325	NW	50.2	51.6	19.3	0	0	0	0
19-Aug-12	2200	19.5	233	SW	52.9	44.7	17.5	0	0	0	0
19-Aug-12	2300	13.3	262	W	51.3	35.9	16.7	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											
19-Aug-12	2400	8.1	351	N	49.1	45.3	15.6	0	0	0	0
20-Aug-12	100	5.7	52	NE	48.5	42.7	17.7	0	0	0	0
20-Aug-12	200	3.6	250	WSW	49.8	50.8	21.3	0	0	0	0
20-Aug-12	300	6.5	326	NW	53.1	87.5	28.4	0	0	0	0
20-Aug-12	400	8.3	297	WNW	51.0	105.7	29.0	0	0	0	0
20-Aug-12	500	16.2	301	WNW	52.3	73.3	21.7	0	0	0	0
20-Aug-12	600	18.9	323	NW	57.1	82.2	27.0	0	0	0	0
20-Aug-12	700	20.2	329	NNW	60.3	101.0	28.3	0	0	0	0