

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											
19-Sep-11	800	18.3	309	NW	54.3	2.5	1.0	0.6	0	0	0
19-Sep-11	900	14.4	292	WNW	53.5	3.1	1.3	0.1	0	0	0
19-Sep-11	1000	17.5	273	W	52.8	3.4	1.6	0	0	0	0
19-Sep-11	1100	17.7	290	WNW	52.1	11.6	8.5	0	0	0	0
19-Sep-11	1200	17.9	300	WNW	51.7	11.6	5.6	0	0	0	0
19-Sep-11	1300	12.4	314	NW	51.5	12.8	3.4	0	0	0	0
19-Sep-11	1400	11.2	306	NW	50.6	8.4	4.8	0	0	0	0
19-Sep-11	1500	19.9	287	WNW	51.5	6.0	4.0	0	0	0	0
19-Sep-11	1600	20.8	299	WNW	52.1	7.3	5.4	0	0	0	0
19-Sep-11	1700	17.2	311	NW	49.2	4.6	3.5	0	0	0	0
19-Sep-11	1800	9.1	330	NNW	52.7	4.1	1.4	0	0	0	0
19-Sep-11	1900	8.3	282	WNW	49.9	2.7	1.8	0	0	0	0
19-Sep-11	2000	10.2	289	WNW	49.1	3.7	2.9	0	0	0	0
19-Sep-11	2100	11.0	311	NW	49.3	2.5	1.5	0	0	0	0
19-Sep-11	2200	9.1	336	NNW	51.7	4.6	2.1	0	0	0	0
19-Sep-11	2300	6.9	356	N	50.3	8.2	3.4	0	0	0	0
19-Sep-11	2400	7.4	10	N	51.3	87.5	31.4	0	0	0	0
20-Sep-11	100	13.5	333	NNW	51.8	5.7	2.7	0	0	0	0
20-Sep-11	200	14.9	335	NNW	50.6	6.3	2.6	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											
20-Sep-11	300	10.7	316	NW	50.5	2.8	1.7	0	0	0	0
20-Sep-11	400	7.2	294	WNW	50.0	3.3	1.3	0	0	0	0
20-Sep-11	500	10.3	274	W	49.8	4.4	2.5	0	0	0	0
20-Sep-11	600	7.9	288	WNW	56.4	24.3	9.3	0	0	0	0
20-Sep-11	700	8.1	274	W	59.3	3.2	1.8	0	0	0	0
20-Sep-11	800	7.2	260	W	57.5	4.0	2.5	0	0	0	0
20-Sep-11	900	9.7	222	SW	55.2	4.4	1.7	0	0	0	0
20-Sep-11	1000	11.8	191	S	56.4	7.3	2.1	0	0	0	0
20-Sep-11	1100	16.3	176	S	58.4	7.7	1.9	0	0	0	0
20-Sep-11	1200	18.6	176	S	60.1	7.9	2.9	0	0	0	0
20-Sep-11	1300	17.1	163	SSE	60.6	14.8	4.8	0	0	0	0
20-Sep-11	1400	17.6	158	SSE	60.9	14.5	4.3	0	0	0	0
20-Sep-11	1500	16.5	159	SSE	61.5	8.3	1.9	0	0	0	0
20-Sep-11	1600	15.6	157	SSE	62.5	7.1	1.8	0	0	0	0
20-Sep-11	1700	16.7	157	SSE	63.4	10.0	2.2	0	0	0	0
20-Sep-11	1800	16.3	155	SSE	59.5	6.3	1.2	0	0	0	0
20-Sep-11	1900	14.4	148	SSE	51.2	16.6	3.0	0	0	0	0
20-Sep-11	2000	14.0	140	SE	50.9	17.9	6.6	0	0	0	0
20-Sep-11	2100	16.0	155	SSE	51.9	17.5	4.9	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											
20-Sep-11	2200	16.0	166	SSE	49.9	25.3	4.5	0	0	0	0
20-Sep-11	2300	16.1	164	SSE	49.9	25.3	7.8	0	0	0	0
20-Sep-11	2400	16.0	174	S	50.3	25.8	5.6	0	0	0	0
21-Sep-11	100	11.7	198	SSW	52.9	27.8	5.2	0	0	0	0
21-Sep-11	200	11.5	230	SW	54.3	20.5	5.6	0	0	0	0
21-Sep-11	300	10.3	243	WSW	51.5	6.2	3.7	0	0	0	0
21-Sep-11	400	8.8	237	WSW	52.3	5.1	3.1	0	0	0	0
21-Sep-11	500	6.4	240	WSW	52.6	6.1	1.6	0	0	0	0
21-Sep-11	600	7.7	236	SW	55.1	4.2	2.2	0	0	0	0
21-Sep-11	700	9.2	241	WSW	62.7	8.2	3.5	0	0	0	0
21-Sep-11	800	7.8	238	WSW	63.1	6.2	2.7	0	0	0	0
21-Sep-11	900	11.7	222	SW	63.7	7.1	3.3	0	0	0	0
21-Sep-11	1000	11.7	211	SSW	62.6	5.4	2.4	0	0	0	0
21-Sep-11	1100	13.9	206	SSW	63.0	7.9	4.8	0	0	0	0
21-Sep-11	1200	16.5	193	SSW	62.6	11.7	2.4	0	0	0	0
21-Sep-11	1300	17.0	170	S	63.6	22.4	4.1	0	0	0	0
21-Sep-11	1400	16.3	162	SSE	63.5	8.2	1.5	0	0	0	0
21-Sep-11	1500	14.0	169	SSE	62.8	0.7	0.5	0	0	0	0
21-Sep-11	1600	14.3	181	S	54.0	1.2	0.5	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											
21-Sep-11	1700	14.3	251	WSW	50.6	2.7	0.5	0	0	0	0
21-Sep-11	1800	14.2	257	WSW	50.1	2.6	0.5	0	0	0	0
21-Sep-11	1900	15.9	250	WSW	48.6	2.1	1.0	0	0	0	0
21-Sep-11	2000	15.7	255	WSW	47.8	3.0	2.7	0	0	0	0
21-Sep-11	2100	10.7	247	WSW	47.9	2.4	2.0	0	0	0	0
21-Sep-11	2200	10.3	239	WSW	48.1	3.9	3.3	0	0	0	0
21-Sep-11	2300	15.6	244	WSW	46.7	3.4	2.5	0	0	0	0
21-Sep-11	2400	14.2	261	W	46.9	3.7	3.0	0	0	0	0
22-Sep-11	100	12.3	271	W	44.1	2.8	2.3	0	0	0	0
22-Sep-11	200	7.7	264	W	44.3	2.2	1.9	0	0	0	0
22-Sep-11	300	8.7	242	WSW	43.6	1.9	1.6	0	0	0	0
22-Sep-11	400	5.2	280	W	44.2	5.9	4.3	0	0	0	0
22-Sep-11	500	6.3	258	WSW	47.6	3.2	2.9	0	0	0	0
22-Sep-11	600	7.5	229	SW	54.2	3.2	2.6	0	0	0	0
22-Sep-11	700	11.7	221	SW	62.5	7.1	3.5	0	0	0	0
22-Sep-11	800	11.1	213	SSW	63.8	7.3	5.0	0	0	0	0
22-Sep-11	900	16.0	205	SSW	64.9	11.2	6.4	0	0	0	0
22-Sep-11	1000	12.7	210	SSW	65.0	8.7	3.6	0	0	0	0
22-Sep-11	1100	13.8	216	SW	66.0	7.5	3.6	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											
22-Sep-11	1200	16.3	206	SSW	65.6	7.0	3.3	0	0	0	0
22-Sep-11	1300	17.0	198	SSW	62.6	7.9	3.1	0	0	0	0
22-Sep-11	1400	15.7	197	SSW	62.1	3.2	0.6	0	0	0	0
22-Sep-11	1500	12.3	210	SSW	64.8	2.8	0.5	0	0	0	0
22-Sep-11	1600	11.3	162	SSE	65.2	2.8	0.6	0	0	0	0
22-Sep-11	1700	6.5	216	SW	62.9	5.6	1.5	0	0	0	0
22-Sep-11	1800	9.7	212	SSW	50.6	2.5	0.5	0	0	0	0
22-Sep-11	1900	12.4	278	W	48.4	5.3	2.8	0	0	0	0
22-Sep-11	2000	11.6	262	W	46.9	4.5	4.1	0	0	0	0
22-Sep-11	2100	8.7	227	SW	46.5	5.5	4.6	0	0	0	0
22-Sep-11	2200	16.6	237	WSW	47.4	2.1	1.5	0	0	0	0
22-Sep-11	2300	14.8	239	WSW	45.0	1.8	1.4	0	0	0	0
22-Sep-11	2400	17.3	232	SW	46.8	2.8	1.9	0	0	0	0
23-Sep-11	100	12.6	209	SSW	45.2	3.1	1.9	0	0	0	0
23-Sep-11	200	10.9	201	SSW	44.9	2.6	1.5	0	0	0	0
23-Sep-11	300	11.3	208	SSW	44.7	3.8	2.0	0	0	0	0
23-Sep-11	400	10.9	226	SW	45.0	3.6	2.7	0	0	0	0
23-Sep-11	500	8.7	181	S	49.2	9.8	4.0	0	0	0	0
23-Sep-11	600	10.3	181	S	53.9	12.4	4.7	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											
23-Sep-11	700	11.2	182	S	61.2	23.6	5.9	0	0	0	0
23-Sep-11	800	13.1	245	WSW	57.8	10.2	3.1	0	0	0	0
23-Sep-11	900	15.3	238	WSW	55.5	6.3	2.6	0	0	0	0
23-Sep-11	1000	14.6	231	SW	55.5	10.2	3.5	0	0	0	0
23-Sep-11	1100	13.7	216	SW	59.2	6.5	2.9	0	0	0	0
23-Sep-11	1200	9.9	183	S	59.9	24.4	6.3	0	0	0	0
23-Sep-11	1300	12.6	159	SSE	61.7	18.1	5.0	0	0	0	0
23-Sep-11	1400	10.8	174	S	61.0	8.2	2.0	0	0	0	0
23-Sep-11	1500	11.7	234	SW	59.2	2.7	0.5	0	0	0	0
23-Sep-11	1600	22.2	249	WSW	54.9	2.9	0.6	0	0	0	0
23-Sep-11	1700	21.9	254	WSW	53.6	2.9	0.6	0	0	0	0
23-Sep-11	1800	16.6	249	WSW	51.6	2.8	0.9	0	0	0	0
23-Sep-11	1900	14.7	250	WSW	48.6	4.1	1.7	0	0	0	0
23-Sep-11	2000	13.1	261	W	47.0	3.9	3.0	0	0	0	0
23-Sep-11	2100	14.5	277	W	47.6	5.6	4.6	0	0	0	0
23-Sep-11	2200	12.4	263	W	47.3	2.7	1.8	0	0	0	0
23-Sep-11	2300	8.8	229	SW	44.6	9.5	4.7	0	0	0	0
23-Sep-11	2400	12.6	264	W	45.1	4.2	2.6	0	0	0	0
24-Sep-11	100	10.2	259	W	44.7	3.3	2.0	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											
24-Sep-11	200	12.9	241	WSW	45.4	7.3	3.4	0	0	0	0
24-Sep-11	300	10.9	260	W	46.2	3.6	2.7	0	0	0	0
24-Sep-11	400	11.7	265	W	47.6	4.2	3.0	0	0	0	0
24-Sep-11	500	12.7	267	W	50.9	7.3	4.0	0	0	0	0
24-Sep-11	600	13.9	270	W	56.2	6.2	3.0	0	0	0	0
24-Sep-11	700	12.8	268	W	57.5	6.2	3.2	0	0	0	0
24-Sep-11	800	8.5	260	W	57.0	6.0	3.6	0	0	0	0
24-Sep-11	900	3.6	257	WSW	57.0	7.4	3.7	0	0	0	0
24-Sep-11	1000	5.9	174	S	55.4	9.6	4.3	0	0	0	0
24-Sep-11	1100	11.3	161	SSE	56.3	6.8	1.4	0	0	0	0
24-Sep-11	1200	13.9	161	SSE	56.6	3.1	0.8	0	0	0	0
24-Sep-11	1300	13.0	203	SSW	54.3	3.1	0.7	0	0	0	0
24-Sep-11	1400	17.2	235	SW	52.5	6.2	1.5	0	0	0	0
24-Sep-11	1500	20.0	244	WSW	52.8	7.2	2.4	0	0	0	0
24-Sep-11	1600	14.1	244	WSW	50.8	7.8	2.7	0	0	0	0
24-Sep-11	1700	12.3	236	SW	50.2	7.8	2.5	0	0	0	0
24-Sep-11	1800	8.2	244	WSW	49.8	12.4	4.9	0	0	0	0
24-Sep-11	1900	5.8	214	SW	47.4	15.6	7.8	0	0	0	0
24-Sep-11	2000	8.1	164	SSE	45.6	19.2	10.6	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											
24-Sep-11	2100	11.1	146	SE	46.9	28.3	11.5	0	0	0	0
24-Sep-11	2200	12.6	152	SSE	48.1	34.6	10.4	0	0	0	0
24-Sep-11	2300	11.6	155	SSE	45.2	31.1	12.3	0	0	0	0
24-Sep-11	2400	11.3	168	SSE	45.2	19.0	10.3	0	0	0	0
25-Sep-11	100	11.9	166	SSE	45.0	25.2	9.4	0	0	0	0
25-Sep-11	200	10.0	176	S	45.3	22.6	10.8	0	0	0	0
25-Sep-11	300	10.0	190	S	45.2	25.5	13.3	0	0	0	0
25-Sep-11	400	10.4	189	S	45.2	27.8	10.7	0	0	0	0
25-Sep-11	500	12.6	182	S	46.6	22.3	11.2	0	0	0	0
25-Sep-11	600	9.6	170	S	50.7	25.3	16.9	0	0	0	0
25-Sep-11	700	11.6	156	SSE	51.5	24.4	17.0	0	0	0	0
25-Sep-11	800	12.5	170	S	52.8	24.0	11.3	0	0	0	0
25-Sep-11	900	13.0	174	S	57.1	31.3	12.0	0	0	0	0
25-Sep-11	1000	15.1	175	S	55.1	35.8	12.6	0	0	0	0
25-Sep-11	1100	16.7	172	S	55.2	42.7	14.1	0	0	0	0
25-Sep-11	1200	21.9	178	S	57.3	46.5	14.2	0.1	0	0	0
25-Sep-11	1300	32.2	202	SSW	66.0	37.2	8.7	2.4	0	0	0
25-Sep-11	1400	35.0	207	SSW	68.6	2.3	0.8	0	0	0	0
25-Sep-11	1500	31.8	193	SSW	65.5	9.6	2.6	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											
25-Sep-11	1600	32.5	190	S	65.7	17.1	4.2	0	0	0	0
25-Sep-11	1700	25.5	204	SSW	60.1	17.3	4.5	0	0	0	0
25-Sep-11	1800	19.4	240	WSW	52.0	18.2	6.9	0	0	0	0
25-Sep-11	1900	21.1	248	WSW	52.1	15.6	9.6	0	0	0	0
25-Sep-11	2000	19.4	216	SW	51.2	12.7	9.8	0	0	0	0
25-Sep-11	2100	16.9	204	SSW	50.9	18.2	8.7	0	0	0	0
25-Sep-11	2200	9.3	186	S	46.7	15.9	8.2	0	0	0	0
25-Sep-11	2300	12.5	255	WSW	44.8	4.0	3.6	0	0	0	0
25-Sep-11	2400	11.0	255	WSW	43.9	4.7	4.1	0	0	0	0
26-Sep-11	100	18.6	264	W	47.1	5.0	4.2	0	0	0	0
26-Sep-11	200	23.0	249	WSW	50.5	5.7	4.1	0	0	0	0
26-Sep-11	300	19.0	239	WSW	46.4	3.7	2.7	0	0	0	0
26-Sep-11	400	13.2	258	WSW	44.4	3.8	1.0	0	0	0	0
26-Sep-11	500	22.2	273	W	53.1	3.5	1.0	0	0	0	0
26-Sep-11	600	25.4	270	W	56.3	3.0	0.8	0	0	0	0
26-Sep-11	700	25.2	261	W	57.4	4.7	1.6	0	0	0	0