

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-Feb-10	900	5.6	248	WSW	54.6	25.9	4.6	0	0	0	0
14-Feb-10	1000	8.7	244	WSW	54.5	14.4	4.5	0	0	0	0
14-Feb-10	1100	7.1	245	WSW	54.1	8.7	3.3	0	0	0	0
14-Feb-10	1200	8.1	222	SW	52.8	21.0	6.3	0	0	0	0
14-Feb-10	1300	5.0	217	SW	55.0	16.3	5.1	0	0	0	0
14-Feb-10	1400	4.3	145	SE	61.5	8.8	1.8	0	0	0	0
14-Feb-10	1500	6.4	116	ESE	56.8	15.7	6.7	0	0	0	0
14-Feb-10	1600	8.2	178	S	50.7	14.7	3.9	0	0	0	0
14-Feb-10	1700	7.7	212	SSW	50.9	17.0	5.2	0	0	0	0
14-Feb-10	1800	8.4	211	SSW	49.3	14.2	3.7	0	0	0	0
14-Feb-10	1900	10.4	201	SSW	48.9	10.4	3.5	0	0	0	0
14-Feb-10	2000	9.0	246	WSW	45.1	1.8	0.8	0	0	0	0
14-Feb-10	2100	6.2	264	W	44.8	2.1	1.1	0	0	0	0
14-Feb-10	2200	5.0	209	SSW	44.1	1.6	0.5	0	0	0	0
14-Feb-10	2300	6.6	147	SSE	44.6	4.9	2.4	0	0	0	0
14-Feb-10	2400	5.2	199	SSW	44.3	2.9	1.4	0	0	0	0
15-Feb-10	100	7.9	210	SSW	43.3	1.4	0.4	0	0	0	0
15-Feb-10	200	11.2	203	SSW	44.1	2.1	0.8	0	0	0	0
15-Feb-10	300	15.4	224	SW	44.4	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											
15-Feb-10	400	16.2	176	S	46.6	0.7	0.3	0	0	0	0
15-Feb-10	500	15.5	169	S	47.4	0.7	0.4	0	0	0	0
15-Feb-10	600	12.2	179	S	46.4	0.7	0.3	0	0	0	0
15-Feb-10	700	16.5	154	SSE	51.0	0.7	0.3	0	0	0	0
15-Feb-10	800	14.2	161	SSE	52.2	1.2	0.9	0	0	0	0
15-Feb-10	900	18.1	185	S	54.5	1.2	0.9	0	0	0	0
15-Feb-10	1000	24.4	258	WSW	56.6	1.4	0.6	0	0	0	0
15-Feb-10	1100	25.7	267	W	55.4	0.9	0.7	0	0	0	0
15-Feb-10	1200	25.0	250	WSW	55.8	1.5	1.2	0	0	0	0
15-Feb-10	1300	27.1	244	WSW	57.2	1.5	0.7	0	0	0	0
15-Feb-10	1400	30.9	258	WSW	57.8	1.5	0.4	0	0	0	0
15-Feb-10	1500	29.2	258	WSW	57.0	0.4	0.1	0	0	0	0
15-Feb-10	1600	21.2	257	WSW	52.6	0.9	0.5	0	0	0	0
15-Feb-10	1700	17.6	245	WSW	51.2	1.4	0.4	0	0	0	0
15-Feb-10	1800	17.9	239	WSW	50.6	1.3	0.9	0	0	0	0
15-Feb-10	1900	21.0	231	SW	51.0	2.7	1.2	0	0	0	0
15-Feb-10	2000	15.4	241	WSW	48.2	2.0	0.5	0	0	0	0
15-Feb-10	2100	5.0	347	NNW	46.3	2.0	0.6	0	0	0	0
15-Feb-10	2200	8.0	346	NNW	45.5	1.4	1.0	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											
15-Feb-10	2300	13.9	50	NE	44.3	97.4	20.3	0	0	0	0
15-Feb-10	2400	13.4	29	NNE	44.1	100.8	18.8	0	0	0	0
16-Feb-10	100	13.3	36	NE	45.4	101.6	29.5	0	0	0	0
16-Feb-10	200	10.9	61	ENE	41.3	113.7	28.2	0	0	0	0
16-Feb-10	300	7.6	43	NE	40.3	88.7	21.5	0	0	0	0
16-Feb-10	400	5.3	80	E	43.2	99.1	17.4	0	0	0	0
16-Feb-10	500	6.5	74	ENE	41.4	85.8	17.0	0	0	0	0
16-Feb-10	600	7.9	72	ENE	42.8	104.7	32.6	0	0	0	0
16-Feb-10	700	7.9	77	ENE	46.6	134.2	48.5	0	0	0	0
16-Feb-10	800	10.7	79	E	49.9	112.8	38.1	0	0	0	0
16-Feb-10	900	8.4	61	ENE	51.2	125.9	49.4	0	0	0	0
16-Feb-10	1000	9.1	58	ENE	49.9	81.8	30.4	0	0	0	0
16-Feb-10	1100	8.1	61	ENE	49.5	49.9	18.1	0	0	0	0
16-Feb-10	1200	8.3	62	ENE	50.3	37.8	14.9	0	0	0	0
16-Feb-10	1300	7.4	55	NE	51.0	34.9	7.8	0	0	0	0
16-Feb-10	1400	7.5	56	NE	52.7	28.3	11.0	0	0	0	0
16-Feb-10	1500	8.2	59	ENE	50.2	30.1	10.4	0	0	0	0
16-Feb-10	1600	8.6	29	NNE	50.6	38.9	14.5	0	0	0	0
16-Feb-10	1700	6.9	50	NE	49.5	37.5	16.8	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-Feb-10	1800	7.6	37	NE	48.7	32.8	15.4	0	0	0	0
16-Feb-10	1900	7.6	22	NNE	48.3	36.0	14.3	0	0	0	0
16-Feb-10	2000	5.9	17	NNE	49.3	40.8	12.8	0	0	0	0
16-Feb-10	2100	6.0	352	N	50.1	40.1	15.5	0	0	0	0
16-Feb-10	2200	8.1	331	NNW	49.6	44.0	19.9	0	0	0	0
16-Feb-10	2300	7.3	350	N	48.7	43.9	18.3	0	0	0	0
16-Feb-10	2400	5.9	359	N	48.6	46.6	17.9	0	0	0	0
17-Feb-10	100	4.7	344	NNW	47.5	57.8	22.6	0	0	0	0
17-Feb-10	200	5.0	1	N	50.2	32.3	16.7	0	0	0	0
17-Feb-10	300	5.7	4	N	48.1	31.9	14.2	0	0	0	0
17-Feb-10	400	4.6	1	N	49.5	32.7	12.9	0	0	0	0
17-Feb-10	500	5.0	14	NNE	43.7	32.9	12.0	0	0	0	0
17-Feb-10	600	5.2	342	NNW	43.6	29.9	12.2	0	0	0	0
17-Feb-10	700	5.8	337	NNW	46.3	31.7	12.6	0	0	0	0
17-Feb-10	800	3.9	351	N	51.5	40.2	14.4	0	0	0	0
17-Feb-10	900	4.6	345	NNW	53.7	43.6	15.1	0	0	0	0
17-Feb-10	1000	3.8	356	N	51.6	43.4	14.4	0	0	0	0
17-Feb-10	1100	5.3	49	NE	50.4	36.2	10.3	0	0	0	0
17-Feb-10	1200	5.9	57	ENE	49.3	36.8	15.3	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-Feb-10	1300	4.3	63	ENE	51.0	40.3	24.3	0	0	0	0
17-Feb-10	1400	5.4	54	NE	49.5	39.1	18.6	0	0	0	0
17-Feb-10	1500	8.4	54	NE	48.9	41.0	20.4	0	0	0	0
17-Feb-10	1600	10.9	54	NE	50.4	31.6	8.5	0	0	0	0
17-Feb-10	1700	11.4	35	NE	50.0	29.9	12.5	0	0	0	0
17-Feb-10	1800	9.6	38	NE	48.6	29.8	12.9	0	0	0	0
17-Feb-10	1900	9.0	30	NNE	49.4	24.1	10.8	0	0	0	0
17-Feb-10	2000	8.4	11	N	50.1	28.2	9.7	0	0	0	0
17-Feb-10	2100	6.4	9	N	49.4	31.0	11.7	0	0	0	0
17-Feb-10	2200	4.4	349	N	49.4	34.0	9.9	0	0	0	0
17-Feb-10	2300	7.5	334	NNW	47.8	39.5	12.8	0	0	0	0
17-Feb-10	2400	8.4	348	NNW	49.6	54.3	19.0	0	0	0	0
18-Feb-10	100	8.2	355	N	48.2	65.9	23.5	0	0	0	0
18-Feb-10	200	6.9	336	NNW	48.6	72.2	27.8	0	0	0	0
18-Feb-10	300	9.0	336	NNW	47.7	60.4	22.7	0	0	0	0
18-Feb-10	400	6.6	342	NNW	49.1	59.3	24.3	0	0	0	0
18-Feb-10	500	6.6	341	NNW	44.5	57.0	25.2	0	0	0	0
18-Feb-10	600	6.7	349	N	44.8	57.7	26.5	0	0	0	0
18-Feb-10	700	8.2	336	NNW	47.7	53.0	19.5	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-Feb-10	800	7.9	333	NNW	52.5	41.6	19.0	0	0	0	0
18-Feb-10	900	7.4	320	NW	53.7	55.9	18.6	0	0	0	0
18-Feb-10	1000	6.4	331	NNW	52.5	37.1	11.2	0	0	0	0
18-Feb-10	1100	7.1	5	N	51.6	42.5	13.5	0	0	0	0
18-Feb-10	1200	7.9	32	NNE	51.4	39.1	19.0	0	0	0	0
18-Feb-10	1300	5.6	60	ENE	51.1	39.0	13.5	0	0	0	0
18-Feb-10	1400	8.3	70	ENE	50.2	43.6	15.3	0	0	0	0
18-Feb-10	1500	11.2	78	ENE	49.4	59.0	20.9	0	0	0	0
18-Feb-10	1600	13.7	87	E	49.6	57.9	17.5	0	0	0	0
18-Feb-10	1700	14.4	97	E	49.4	53.4	20.2	0	0	0	0
18-Feb-10	1800	13.3	111	ESE	50.3	65.4	22.7	0	0	0	0
18-Feb-10	1900	11.8	131	SE	47.5	76.0	27.9	0	0	0	0
18-Feb-10	2000	11.8	155	SSE	47.3	75.2	28.3	0	0	0	0
18-Feb-10	2100	11.4	162	SSE	46.6	85.3	29.1	0	0	0	0
18-Feb-10	2200	9.9	162	SSE	46.2	86.7	29.2	0	0	0	0
18-Feb-10	2300	9.5	172	S	46.1	109.0	39.6	0	0	0	0
18-Feb-10	2400	10.4	184	S	46.4	109.4	34.7	0	0	0	0
19-Feb-10	100	12.7	188	S	47.2	82.1	32.3	0	0	0	0
19-Feb-10	200	12.8	204	SSW	48.7	78.9	27.8	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-Feb-10	300	10.6	218	SW	50.1	78.0	31.4	0	0	0	0
19-Feb-10	400	8.0	232	SW	52.5	67.8	22.9	0	0	0	0
19-Feb-10	500	7.2	244	WSW	48.1	58.0	24.2	0	0	0	0
19-Feb-10	600	8.6	229	SW	48.2	53.4	19.1	0	0	0	0
19-Feb-10	700	10.1	233	SW	48.6	57.8	19.0	0	0	0	0
19-Feb-10	800	8.6	215	SW	52.0	53.1	11.8	0	0	0	0
19-Feb-10	900	9.6	209	SSW	49.6	61.5	11.9	0	0	0	0
19-Feb-10	1000	9.5	211	SSW	48.8	52.8	22.7	0	0	0	0
19-Feb-10	1100	9.6	217	SW	51.1	52.6	17.0	0	0	0	0
19-Feb-10	1200	12.3	207	SSW	50.8	51.2	22.2	0	0	0	0
19-Feb-10	1300	10.4	201	SSW	50.3	63.0	16.6	0	0	0	0
19-Feb-10	1400	8.1	192	SSW	48.5	67.2	19.8	0	0	0	0
19-Feb-10	1500	7.6	174	S	48.9	78.1	29.2	0	0	0	0
19-Feb-10	1600	13.6	158	SSE	47.8	111.2	42.1	0	0	0	0
19-Feb-10	1700	14.8	167	SSE	48.6	97.3	36.4	0	0	0	0
19-Feb-10	1800	10.5	178	S	47.5	101.8	35.3	0	0	0	0
19-Feb-10	1900	15.5	183	S	48.3	110.6	38.8	0	0	0	0
19-Feb-10	2000	15.6	184	S	48.5	113.7	39.9	0	0	0	0
19-Feb-10	2100	17.7	176	S	49.6	114.3	37.5	0	0	0	0

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Alarms											
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TSP		1 Hour Average – 267 ug/m3									
Sound alarm		1 Hour Average – 85 dba									
All Times are Mountain Standard Time											
19-Feb-10	2200	14.8	188	S	50.8	107.3	42.3	0	0	0	0
19-Feb-10	2300	13.3	204	SSW	51.1	111.9	46.4	0	0	0	0
19-Feb-10	2400	13.1	210	SSW	52.4	87.3	39.2	0	0	0	0
20-Feb-10	100	11.8	200	SSW	53.1	85.5	28.1	0	0	0	0
20-Feb-10	200	12.2	202	SSW	51.8	87.0	29.4	0	0	0	0
20-Feb-10	300	12.5	193	SSW	49.7	79.3	22.8	0	0	0	0
20-Feb-10	400	13.5	194	SSW	49.7	66.6	21.3	0	0	0	0
20-Feb-10	500	11.6	195	SSW	45.1	54.8	16.0	0	0	0	0
20-Feb-10	600	9.8	200	SSW	44.1	53.4	11.8	0	0	0	0
20-Feb-10	700	11.7	193	SSW	46.4	52.1	20.1	0	0	0	0
20-Feb-10	800	13.4	181	S	46.4	51.2	12.1	0	0	0	0
20-Feb-10	900	12.6	190	S	46.6	54.4	14.4	0	0	0	0
20-Feb-10	1000	17.9	178	S	51.0	56.3	18.0	0	0	0	0
20-Feb-10	1100	21.0	170	S	54.3	84.1	39.8	0	0	0	0
20-Feb-10	1200	22.5	164	SSE	56.5	75.2	22.2	0	0	0	0
20-Feb-10	1300	27.7	164	SSE	61.2	72.0	27.8	0	0	0	0
20-Feb-10	1400	26.9	164	SSE	60.1	79.4	30.9	0	0	0	0
20-Feb-10	1500	23.1	158	SSE	56.1	64.9	25.6	0	0	0	0
20-Feb-10	1600	21.9	171	S	55.3	62.9	20.3	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											
20-Feb-10	1700	25.6	167	SSE	58.3	57.8	24.6	0	0	0	0
20-Feb-10	1800	24.5	174	S	56.4	57.9	22.9	0	0	0	0
20-Feb-10	1900	24.8	178	S	56.7	53.5	18.4	0	0	0	0
20-Feb-10	2000	22.1	181	S	53.8	55.2	22.4	0	0	0	0
20-Feb-10	2100	16.8	180	S	48.2	51.6	25.7	0	0	0	0
20-Feb-10	2200	16.9	199	SSW	49.0	52.3	19.7	0	0	0	0
20-Feb-10	2300	15.6	247	WSW	46.1	36.6	17.0	0	0	0	0
20-Feb-10	2400	25.5	269	W	49.8	6.4	2.4	0	0	0	0
21-Feb-10	100	23.0	267	W	47.3	1.6	0.5	0	0	0	0
21-Feb-10	200	25.2	273	W	50.0	1.2	0.5	0	0	0	0
21-Feb-10	300	29.2	275	W	54.4	2.6	0.9	0	0	0	0
21-Feb-10	400	29.0	275	W	54.0	3.2	1.2	0	0	0	0
21-Feb-10	500	27.1	272	W	52.2	1.3	0.4	0	0	0	0
21-Feb-10	600	27.0	270	W	51.8	2.1	1.0	0	0	0	0
21-Feb-10	700	22.3	267	W	48.6	1.1	1.0	0	0	0	0
21-Feb-10	800	22.6	269	W	49.8	1.6	0.5	0	0	0	0