

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-Jan-12	800	6.8	320	NW	51.1	36.4	20.0	0	0	0	0
16-Jan-12	900	6.6	335	NNW	52.2	31.2	14.7	0	0	0	0
16-Jan-12	1000	8.9	350	NNW	48.9	24.1	10.2	0	0	0	0
16-Jan-12	1100	8.2	333	NNW	49.3	25.3	10.3	0	0	0	0
16-Jan-12	1200	8.6	338	NNW	49.3	16.8	6.6	0	0	0	0
16-Jan-12	1300	11.1	357	NNW	48.3	21.4	11.8	0	0	0	0
16-Jan-12	1400	14.7	5	N	49.1	19.8	16.1	0	0	0	0
16-Jan-12	1500	14.2	11	N	50.8	23.9	20.0	0	0	0	0
16-Jan-12	1600	13.0	10	N	52.8	19.6	10.0	0	0	0	0
16-Jan-12	1700	13.8	11	N	51.3	25.4	14.6	0	0	0	0
16-Jan-12	1800	13.4	13	NNE	49.1	27.6	14.2	0	0	0	0
16-Jan-12	1900	12.4	20	NNE	47.4	30.8	16.1	0	0	0	0
16-Jan-12	2000	11.0	19	NNE	46.5	26.2	14.1	0	0	0	0
16-Jan-12	2100	9.1	20	NNE	48.3	25.4	15.4	0	0	0	0
16-Jan-12	2200	5.8	54	NE	45.0	27.0	14.3	0	0	0	0
16-Jan-12	2300	4.6	76	ENE	46.1	23.1	14.4	0	0	0	0
16-Jan-12	2400	5.1	61	ENE	44.3	26.2	14.7	0	0	0	0
17-Jan-12	100	5.9	55	NE	42.1	26.0	10.8	0	0	0	0
17-Jan-12	200	7.0	54	NE	41.5	30.0	17.2	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-Jan-12	300	7.8	62	ENE	41.0	27.7	12.7	0	0	0	0
17-Jan-12	400	10.0	86	E	42.9	28.2	14.2	0	0	0	0
17-Jan-12	500	9.4	72	ENE	42.2	25.7	17.3	0	0	0	0
17-Jan-12	600	11.3	87	E	46.9	29.2	20.1	0	0	0	0
17-Jan-12	700	11.1	88	E	48.4	34.9	18.4	0	0	0	0
17-Jan-12	800	10.4	85	E	50.7	38.5	18.3	0	0	0	0
17-Jan-12	900	9.8	84	E	52.8	35.2	19.7	0	0	0	0
17-Jan-12	1000	8.6	93	E	49.7	43.6	24.6	0	0	0	0
17-Jan-12	1100	7.4	93	E	49.6	41.4	22.0	0	0	0	0
17-Jan-12	1200	9.4	76	ENE	49.5	35.6	19.8	0	0	0	0
17-Jan-12	1300	8.0	74	ENE	49.7	37.0	16.6	0	0	0	0
17-Jan-12	1400	9.6	53	NE	48.5	31.4	20.1	0	0	0	0
17-Jan-12	1500	10.2	50	NE	49.7	30.3	14.0	0	0	0	0
17-Jan-12	1600	10.4	44	NE	52.2	30.2	18.2	0	0	0	0
17-Jan-12	1700	9.7	42	NE	51.0	28.0	19.8	0	0	0	0
17-Jan-12	1800	8.7	54	NE	51.3	28.2	14.4	0	0	0	0
17-Jan-12	1900	7.5	53	NE	49.0	32.1	18.0	0	0	0	0
17-Jan-12	2000	4.3	39	NE	48.5	31.2	18.9	0	0	0	0
17-Jan-12	2100	4.0	356	NNW	47.1	30.5	19.6	0	0	0	0
17-Jan-12	2200	4.3	331	NNW	45.6	33.3	20.9	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											
17-Jan-12	2300	4.6	304	NW	46.2	37.3	22.3	0	0	0	0
17-Jan-12	2400	5.4	274	W	44.5	36.3	28.2	0	0	0	0
18-Jan-12	100	7.7	264	W	43.0	36.6	29.4	0	0	0	0
18-Jan-12	200	6.9	273	W	42.7	35.8	24.6	0	0	0	0
18-Jan-12	300	5.3	277	W	43.3	28.6	23.8	0	0	0	0
18-Jan-12	400	5.6	275	W	42.6	29.4	18.1	0	0	0	0
18-Jan-12	500	6.6	293	WNW	44.1	28.5	12.2	0	0	0	0
18-Jan-12	600	5.6	304	NW	45.1	26.1	11.0	0	0	0	0
18-Jan-12	700	5.3	300	WNW	47.8	26.0	11.2	0	0	0	0
18-Jan-12	800	5.3	236	WSW	52.2	36.8	22.4	0	0	0	0
18-Jan-12	900	9.7	245	WSW	52.8	41.6	29.7	0	0	0	0
18-Jan-12	1000	10.4	246	WSW	49.9	50.4	15.4	0	0	0	0
18-Jan-12	1100	11.1	249	WSW	48.2	40.5	22.6	0	0	0	0
18-Jan-12	1200	10.8	254	WSW	48.7	34.7	15.4	0	0	0	0
18-Jan-12	1300	7.9	257	WSW	48.3	24.7	12.7	0	0	0	0
18-Jan-12	1400	5.2	277	W	47.0	24.8	13.1	0	0	0	0
18-Jan-12	1500	8.1	303	WNW	47.6	15.4	8.3	0	0	0	0
18-Jan-12	1600	7.1	292	WNW	49.2	19.7	9.9	0	0	0	0
18-Jan-12	1700	7.4	290	WNW	49.1	16.3	9.9	0	0	0	0
18-Jan-12	1800	6.3	317	NW	50.0	11.7	8.2	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											
18-Jan-12	1900	7.3	340	NNW	49.9	10.9	10.7	0	0	0	0
18-Jan-12	2000	7.0	274	W	47.4	15.5	6.7	0	0	0	0
18-Jan-12	2100	10.4	259	W	47.7	14.2	7.5	0	0	0	0
18-Jan-12	2200	8.8	261	W	46.4	9.6	5.3	0	0	0	0
18-Jan-12	2300	11.0	250	WSW	46.8	13.4	9.2	0	0	0	0
18-Jan-12	2400	10.6	249	WSW	44.3	12.5	6.4	0	0	0	0
19-Jan-12	100	9.0	244	WSW	43.7	7.5	5.5	0	0	0	0
19-Jan-12	200	11.6	251	WSW	43.3	10.8	5.7	0	0	0	0
19-Jan-12	300	11.8	251	WSW	43.3	9.1	6.6	0	0	0	0
19-Jan-12	400	10.5	262	W	42.9	13.0	8.1	0	0	0	0
19-Jan-12	500	11.1	252	WSW	43.0	13.6	8.5	0	0	0	0
19-Jan-12	600	9.1	265	W	45.2	11.2	7.1	0	0	0	0
19-Jan-12	700	10.2	261	W	48.2	10.9	5.6	0	0	0	0
19-Jan-12	800	8.2	260	W	50.5	10.1	5.1	0	0	0	0
19-Jan-12	900	7.2	267	W	52.7	9.8	5.2	0	0	0	0
19-Jan-12	1000	6.4	304	NW	50.7	8.4	5.9	0	0	0	0
19-Jan-12	1100	5.6	324	NW	52.3	10.3	7.8	0	0	0	0
19-Jan-12	1200	4.4	1	N	50.1	9.4	5.0	0	0	0	0
19-Jan-12	1300	9.2	160	SSE	50.2	19.0	11.2	0	0	0	0
19-Jan-12	1400	8.9	164	SSE	48.5	19.3	9.6	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											
19-Jan-12	1500	9.9	167	SSE	49.4	23.4	13.5	0	0	0	0
19-Jan-12	1600	8.3	156	SSE	50.9	21.2	15.4	0	0	0	0
19-Jan-12	1700	8.5	157	SSE	51.3	27.8	10.1	0	0	0	0
19-Jan-12	1800	8.0	157	SSE	49.5	28.1	11.1	0	0	0	0
19-Jan-12	1900	8.4	163	SSE	48.0	32.4	12.1	0	0	0	0
19-Jan-12	2000	9.7	173	S	47.6	35.0	12.8	0	0	0	0
19-Jan-12	2100	9.7	165	SSE	46.9	29.6	12.0	0	0	0	0
19-Jan-12	2200	8.8	160	SSE	45.6	32.3	18.0	0	0	0	0
19-Jan-12	2300	8.9	151	SSE	46.7	40.1	21.0	0	0	0	0
19-Jan-12	2400	9.2	155	SSE	44.3	41.5	23.4	0	0	0	0
20-Jan-12	100	11.5	159	SSE	44.5	33.9	19.0	0	0	0	0
20-Jan-12	200	12.0	158	SSE	44.2	28.3	18.2	0	0	0	0
20-Jan-12	300	15.0	161	SSE	46.7	28.0	14.9	0	0	0	0
20-Jan-12	400	12.4	157	SSE	45.0	26.9	11.6	0	0	0	0
20-Jan-12	500	14.5	161	SSE	46.2	33.8	14.5	0	0	0	0
20-Jan-12	600	16.5	163	SSE	48.3	31.6	13.4	0	0	0	0
20-Jan-12	700	18.5	164	SSE	52.0	27.2	9.2	0	0	0	0
20-Jan-12	800	19.4	161	SSE	54.1	22.9	8.3	0	0	0	0
20-Jan-12	900	20.3	163	SSE	55.8	28.6	13.0	0	0	0	0
20-Jan-12	1000	19.8	167	SSE	54.8	29.4	17.8	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
<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											
20-Jan-12	1100	18.0	162	SSE	53.1	36.6	17.8	0	0	0	0
20-Jan-12	1200	17.7	165	SSE	53.4	35.0	17.1	0	0	0	0
20-Jan-12	1300	21.5	166	SSE	56.4	30.5	13.1	0	0	0	0
20-Jan-12	1400	20.1	165	SSE	55.1	27.7	16.6	0	0	0	0
20-Jan-12	1500	17.4	161	SSE	53.5	29.6	16.6	0	0	0	0
20-Jan-12	1600	17.4	162	SSE	53.6	39.4	20.3	0	0	0	0
20-Jan-12	1700	18.3	165	SSE	53.6	33.5	17.7	0	0	0	0
20-Jan-12	1800	22.8	171	S	57.1	29.8	17.5	0	0	0	0
20-Jan-12	1900	22.6	177	S	56.9	30.4	17.4	0	0	0	0
20-Jan-12	2000	18.7	179	S	53.2	30.6	16.3	0	0	0	0
20-Jan-12	2100	17.5	182	S	52.6	33.1	19.5	0	0	0	0
20-Jan-12	2200	14.7	193	SSW	50.1	31.1	16.3	0	0	0	0
20-Jan-12	2300	16.0	201	SSW	51.9	27.6	18.4	0	0	0	0
20-Jan-12	2400	11.2	204	SSW	48.1	32.8	12.2	0	0	0	0
21-Jan-12	100	14.0	211	SSW	48.1	8.3	4.1	0	0	0	0
21-Jan-12	200	11.5	181	S	47.8	21.2	10.9	0	0	0	0
21-Jan-12	300	7.0	173	S	44.7	40.5	26.1	0	0	0	0
21-Jan-12	400	5.0	82	E	44.0	54.8	32.2	0	0	0	0
21-Jan-12	500	5.2	78	ENE	43.6	46.3	22.9	0	0	0	0
21-Jan-12	600	5.3	94	E	45.1	35.0	26.4	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
<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-Jan-12	700	5.5	115	ESE	46.9	84.8	41.1	0	0	0	0
21-Jan-12	800	7.7	194	SSW	47.5	124.4	37.4	0	0	0	0
21-Jan-12	900	6.0	233	SW	50.0	114.2	47.3	0	0	0	0
21-Jan-12	1000	4.3	28	NNE	51.5	100.8	51.8	0	0	0	0
21-Jan-12	1100	4.8	77	ENE	51.9	142.5	73.3	0	0	0	0
21-Jan-12	1200	7.8	5	N	52.0	130.4	61.3	0	0	0	0
21-Jan-12	1300	9.5	348	NNW	52.7	115.3	61.4	0	0	0	0
21-Jan-12	1400	5.6	1	N	52.0	114.2	61.4	0	0	0	0
21-Jan-12	1500	4.5	101	E	52.1	108.9	66.9	0	0	0	0
21-Jan-12	1600	5.1	31	NNE	52.4	119.5	63.0	0	0	0	0
21-Jan-12	1700	5.5	355	NNW	52.9	124.4	61.9	0	0	0	0
21-Jan-12	1800	5.4	293	WNW	54.4	117.3	63.8	0	0	0	0
21-Jan-12	1900	11.6	260	W	49.4	96.3	53.9	0	0	0	0
21-Jan-12	2000	16.0	245	WSW	47.1	43.9	22.3	0	0	0	0
21-Jan-12	2100	8.6	137	SE	48.7	92.6	61.2	0	0	0	0
21-Jan-12	2200	7.9	39	NE	47.4	93.8	47.9	0	0	0	0
21-Jan-12	2300	12.2	335	NNW	48.1	86.4	49.7	0	0	0	0
21-Jan-12	2400	23.4	326	NW	54.3	59.5	36.9	0	0	0	0
22-Jan-12	100	21.4	328	NNW	51.6	9.3	5.6	0	0	0	0
22-Jan-12	200	15.9	331	NNW	47.0	6.3	3.0	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											
22-Jan-12	300	8.0	281	W	43.0	3.5	1.4	0	0	0	0
22-Jan-12	400	8.4	246	WSW	42.5	5.0	3.4	0	0	0	0
22-Jan-12	500	8.5	232	SW	43.7	3.2	2.3	0	0	0	0
22-Jan-12	600	10.2	214	SW	47.8	1.7	1.2	0	0	0	0
22-Jan-12	700	10.7	210	SSW	46.6	1.9	1.6	0	0	0	0
22-Jan-12	800	10.5	203	SSW	48.9	1.6	1.1	0	0	0	0
22-Jan-12	900	10.6	190	S	49.7	5.2	3.2	0	0	0	0
22-Jan-12	1000	11.0	180	S	48.7	2.4	0.7	0	0	0	0
22-Jan-12	1100	9.8	168	SSE	49.0	4.7	2.7	0	0	0	0
22-Jan-12	1200	10.2	182	S	51.5	7.6	3.6	0	0	0	0
22-Jan-12	1300	13.0	216	SW	50.3	6.5	6.5	0	0	0	0
22-Jan-12	1400	9.4	190	S	48.5	3.7	2.2	0	0	0	0
22-Jan-12	1500	10.2	147	SSE	49.2	5.8	3.8	0	0	0	0
22-Jan-12	1600	10.1	151	SSE	48.9	13.1	7.4	0	0	0	0
22-Jan-12	1700	11.1	162	SSE	49.5	19.0	10.5	0	0	0	0
22-Jan-12	1800	8.4	174	S	48.9	16.2	10.7	0	0	0	0
22-Jan-12	1900	9.7	211	SSW	45.6	8.7	8.4	0	0	0	0
22-Jan-12	2000	10.4	209	SSW	44.4	6.4	2.0	0	0	0	0
22-Jan-12	2100	7.8	211	SSW	44.9	9.7	7.9	0	0	0	0
22-Jan-12	2200	11.3	190	S	44.3	9.1	7.2	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											
22-Jan-12	2300	6.4	174	S	45.5	7.4	5.3	0	0	0	0
22-Jan-12	2400	8.7	157	SSE	44.6	4.5	2.3	0	0	0	0
23-Jan-12	100	6.1	172	S	42.9	2.5	1.8	0	0	0	0
23-Jan-12	200	7.0	255	WSW	40.3	1.9	0.7	0	0	0	0
23-Jan-12	300	13.5	223	SW	41.6	3.2	1.0	0	0	0	0
23-Jan-12	400	15.8	222	SW	43.6	0.7	0.4	0	0	0	0
23-Jan-12	500	18.4	229	SW	45.6	1.2	1.0	0	0	0	0
23-Jan-12	600	18.5	235	SW	47.3	2.0	1.6	0	0	0	0
23-Jan-12	700	24.1	216	SW	59.4	0.9	0.6	0	0	0	0