

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											
11-Apr-11	800	12.7	207	SSW	54.3	19.8	7.3	0	0	0	0
11-Apr-11	900	15.0	182	S	53.3	20.9	4.6	0	0	0	0
11-Apr-11	1000	18.5	180	S	54.0	14.9	5.7	0	0	0	0
11-Apr-11	1100	18.7	184	S	54.4	5.6	1.6	0	0	0	0
11-Apr-11	1200	18.8	216	SW	54.3	4.6	1.9	0	0	0	0
11-Apr-11	1300	28.0	272	W	57.2	1.1	0.3	0	0	0	0
11-Apr-11	1400	26.8	240	WSW	59.0	1.5	0.4	0	0	0	0
11-Apr-11	1500	31.1	284	WNW	62.6	2.1	0.7	0	0	0	0
11-Apr-11	1600	26.3	259	W	57.7	1.5	1.3	0.2	0	0	0
11-Apr-11	1700	31.0	266	W	58.4	2.8	2.3	0	0	0	0
11-Apr-11	1800	24.3	273	W	55.0	2.8	1.3	0	0	0	0
11-Apr-11	1900	30.6	290	WNW	58.6	2.1	1.2	0	0	0	0
11-Apr-11	2000	26.2	274	W	54.7	3.7	3.6	0	0	0	0
11-Apr-11	2100	23.0	267	W	54.0	1.2	0.9	0	0	0	0
11-Apr-11	2200	18.4	273	W	52.6	3.7	3.3	0	0	0	0
11-Apr-11	2300	17.8	275	W	51.7	3.6	1.5	0	0	0	0
11-Apr-11	2400	17.3	268	W	52.4	0.9	0.6	0	0	0	0
12-Apr-11	100	19.2	271	W	52.6	2.4	1.5	0	0	0	0
12-Apr-11	200	15.6	262	W	52.6	1.1	0.6	0	0	0	0

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<p><u>Alarms</u></p> <p>PM2.5 1 Hour Average – 80 ug/m3</p> <p>TSP 1 Hour Average – 267 ug/m3</p> <p>Sound alarm 1 Hour Average – 85 dba</p> <p>All Times are Mountain Standard Time</p>											
12-Apr-11	300	13.6	262	W	52.8	1.1	0.4	0	0	0	0
12-Apr-11	400	12.6	259	W	54.5	1.6	0.5	0	0	0	0
12-Apr-11	500	15.7	272	W	52.7	0.6	0.3	0	0	0	0
12-Apr-11	600	16.1	278	W	53.1	1.0	0.6	0	0	0	0
12-Apr-11	700	17.7	282	WNW	53.5	1.5	0.4	0	0	0	0
12-Apr-11	800	17.1	282	WNW	52.2	0.8	0.4	0	0	0	0
12-Apr-11	900	20.9	295	WNW	51.4	1.6	0.4	0	0	0	0
12-Apr-11	1000	20.0	320	NW	52.1	21.4	5.1	0	0	0	0
12-Apr-11	1100	12.8	359	N	50.6	15.0	6.6	0	0	0	0
12-Apr-11	1200	12.5	20	NNE	51.6	3.1	0.6	0	0	0	0
12-Apr-11	1300	11.7	36	NE	51.1	7.7	3.2	0	0	0	0
12-Apr-11	1400	14.5	75	ENE	51.0	2.2	0.4	0	0	0	0
12-Apr-11	1500	15.1	83	E	52.4	5.3	1.7	0	0	0	0
12-Apr-11	1600	18.7	90	E	51.0	9.5	3.2	0	0	0	0
12-Apr-11	1700	17.5	102	ESE	51.0	7.3	3.0	0	0	0	0
12-Apr-11	1800	17.8	108	ESE	49.9	7.9	1.9	0	0	0	0
12-Apr-11	1900	20.5	97	E	49.6	11.1	2.6	0	0	0	0
12-Apr-11	2000	17.3	89	E	47.4	11.6	3.9	0	0	0	0
12-Apr-11	2100	12.7	85	E	45.5	10.4	5.4	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											
12-Apr-11	2200	13.8	119	ESE	48.4	6.8	2.0	0	0	0	0
12-Apr-11	2300	13.9	134	SE	46.1	5.9	3.3	0	0	0	0
12-Apr-11	2400	15.7	148	SSE	46.3	3.7	0.8	0	0	0	0
13-Apr-11	100	13.6	160	SSE	44.8	5.6	2.8	0	0	0	0
13-Apr-11	200	15.4	137	SE	46.5	5.9	2.8	0	0	0	0
13-Apr-11	300	14.2	137	SE	45.5	6.2	3.0	0	0	0	0
13-Apr-11	400	14.1	131	SE	46.7	8.0	2.9	0	0	0	0
13-Apr-11	500	15.8	141	SE	49.2	9.5	5.5	0	0	0	0
13-Apr-11	600	15.8	144	SE	53.5	9.3	3.3	0	0	0	0
13-Apr-11	700	16.4	144	SE	54.0	12.2	4.1	0	0	0	0
13-Apr-11	800	18.5	143	SE	54.1	15.8	5.5	0	0	0	0
13-Apr-11	900	18.9	161	SSE	54.2	20.5	10.4	0	0	0	0
13-Apr-11	1000	20.0	147	SSE	53.7	18.7	10.6	0	0	0	0
13-Apr-11	1100	22.6	145	SE	56.1	15.6	5.3	0	0	0	0
13-Apr-11	1200	25.2	144	SE	57.4	13.5	8.8	0	0	0	0
13-Apr-11	1300	26.4	151	SSE	59.2	12.8	4.7	0	0	0	0
13-Apr-11	1400	28.1	135	SE	58.7	10.1	2.9	0	0	0	0
13-Apr-11	1500	27.0	143	SE	58.8	15.5	3.6	0	0	0	0
13-Apr-11	1600	24.1	133	SE	56.1	13.0	4.8	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											
13-Apr-11	1700	22.1	122	ESE	54.7	4.6	1.3	0	0	0	0
13-Apr-11	1800	15.2	131	SE	51.6	6.6	2.9	0	0	0	0
13-Apr-11	1900	21.5	132	SE	53.3	3.2	1.1	0	0	0	0
13-Apr-11	2000	22.6	125	SE	53.9	4.8	1.8	0	0	0	0
13-Apr-11	2100	25.9	121	ESE	56.6	1.8	1.1	0	0	0	0
13-Apr-11	2200	26.9	123	ESE	57.3	3.7	1.9	0	0	0	0
13-Apr-11	2300	22.2	119	ESE	53.1	1.7	1.1	0	0	0	0
13-Apr-11	2400	19.0	119	ESE	50.2	0.8	0.5	0	0	0	0
14-Apr-11	100	17.7	116	ESE	48.7	2.0	1.0	0	0	0	0
14-Apr-11	200	16.4	111	ESE	46.8	1.3	0.8	0	0	0	0
14-Apr-11	300	14.6	106	ESE	44.5	2.3	1.0	0	0	0	0
14-Apr-11	400	12.3	93	E	43.6	2.7	1.9	0	0	0	0
14-Apr-11	500	11.3	97	E	45.4	2.5	1.4	0	0	0	0
14-Apr-11	600	11.3	98	E	44.9	4.3	1.8	0	0	0	0
14-Apr-11	700	10.3	99	E	46.1	4.9	1.9	0	0	0	0
14-Apr-11	800	9.1	108	ESE	48.6	7.2	3.4	0	0	0	0
14-Apr-11	900	7.8	177	S	48.4	4.3	2.3	0	0	0	0
14-Apr-11	1000	4.7	170	S	47.1	13.9	6.5	0	0	0	0
14-Apr-11	1100	5.4	78	ENE	49.1	21.4	9.2	0.1	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-Apr-11	1200	6.4	261	W	49.2	27.1	19.8	1.1	0	0	0
14-Apr-11	1300	11.2	241	WSW	49.6	21.5	12.3	2.1	0	0	0
14-Apr-11	1400	20.9	271	W	51.1	15.8	12.2	1	0	0	0
14-Apr-11	1500	27.9	274	W	56.0	9.7	7.7	0.4	0	0	0
14-Apr-11	1600	22.6	276	W	53.7	10.1	6.5	0.1	0	0	0
14-Apr-11	1700	13.6	302	WNW	48.8	11.2	4.1	0	0	0	0
14-Apr-11	1800	10.3	85	E	49.2	63.4	24.4	0.1	0	0	0
14-Apr-11	1900	6.8	133	SE	48.0	75.5	50.0	0	0	0	0
14-Apr-11	2000	4.1	201	SSW	48.9	56.8	29.9	0	0	0	0
14-Apr-11	2100	10.6	248	WSW	49.6	18.2	11.6	0	0	0	0
14-Apr-11	2200	11.4	265	W	50.1	5.7	5.1	0	0	0	0
14-Apr-11	2300	12.5	273	W	48.9	3.4	2.4	0	0	0	0
14-Apr-11	2400	10.6	270	W	49.6	2.6	1.5	0	0	0	0
15-Apr-11	100	8.8	270	W	50.1	6.6	4.6	0	0	0	0
15-Apr-11	200	9.8	263	W	49.2	4.3	3.2	0	0	0	0
15-Apr-11	300	10.2	248	WSW	45.8	3.4	2.2	0	0	0	0
15-Apr-11	400	8.1	259	W	47.2	1.8	1.0	0	0	0	0
15-Apr-11	500	8.5	251	WSW	48.6	4.7	0.9	0	0	0	0
15-Apr-11	600	10.3	295	WNW	52.1	7.1	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											
15-Apr-11	700	11.6	303	WNW	53.7	15.4	4.0	0	0	0	0
15-Apr-11	800	12.9	295	WNW	52.5	7.9	4.3	0	0	0	0
15-Apr-11	900	10.9	285	WNW	50.4	8.9	3.4	0	0	0	0
15-Apr-11	1000	9.9	9	N	51.4	7.3	1.4	0	0	0	0
15-Apr-11	1100	10.9	13	NNE	51.4	15.3	6.3	0	0	0	0
15-Apr-11	1200	12.5	14	NNE	51.8	10.9	3.1	0	0	0	0
15-Apr-11	1300	15.7	31	NNE	53.6	17.8	10.4	0	0	0	0
15-Apr-11	1400	15.3	38	NE	53.5	43.4	14.8	0	0	0	0
15-Apr-11	1500	16.9	23	NNE	52.7	39.9	22.6	0	0	0	0
15-Apr-11	1600	16.4	23	NNE	52.6	41.8	22.5	0	0	0	0
15-Apr-11	1700	16.3	22	NNE	50.8	42.9	24.3	0	0	0	0
15-Apr-11	1800	15.4	27	NNE	52.1	26.8	14.6	0	0	0	0
15-Apr-11	1900	11.2	2	N	49.1	25.2	15.1	0	0	0	0
15-Apr-11	2000	4.8	334	NNW	47.4	21.7	11.1	0	0	0	0
15-Apr-11	2100	3.9	255	WSW	48.0	24.5	15.4	0	0	0	0
15-Apr-11	2200	6.1	261	W	50.3	26.2	16.4	0	0	0	0
15-Apr-11	2300	4.4	272	W	46.8	23.9	11.4	0	0	0	0
15-Apr-11	2400	3.9	307	NW	48.4	43.9	18.4	0	0	0	0
16-Apr-11	100	3.7	307	NW	49.0	23.8	12.0	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											
16-Apr-11	200	2.4	252	WSW	44.2	21.1	14.1	0	0	0	0
16-Apr-11	300	1.7	204	SSW	43.3	26.1	12.1	0	0	0	0
16-Apr-11	400	3.7	109	ESE	42.9	39.4	19.8	0	0	0	0
16-Apr-11	500	5.3	103	ESE	45.7	30.6	18.6	0	0	0	0
16-Apr-11	600	9.3	102	ESE	48.3	34.3	15.8	0	0	0	0
16-Apr-11	700	11.9	97	E	48.3	64.9	38.0	0	0	0	0
16-Apr-11	800	13.9	96	E	50.4	82.5	42.8	0	0	0	0
16-Apr-11	900	18.1	97	E	51.1	62.0	35.6	0	0	0	0
16-Apr-11	1000	18.8	98	E	52.1	39.2	21.5	0	0	0	0
16-Apr-11	1100	18.8	96	E	52.2	43.4	23.6	0	0	0	0
16-Apr-11	1200	19.4	106	ESE	52.0	36.8	17.9	0	0	0	0
16-Apr-11	1300	18.0	100	E	50.3	33.2	18.3	0	0	0	0
16-Apr-11	1400	16.4	97	E	51.9	29.2	11.6	0	0	0	0
16-Apr-11	1500	17.8	106	ESE	51.9	23.8	12.6	0	0	0	0
16-Apr-11	1600	16.3	108	ESE	50.3	27.1	18.0	0	0	0	0
16-Apr-11	1700	15.9	99	E	47.7	19.0	15.1	0	0	0	0
16-Apr-11	1800	14.4	95	E	46.8	19.2	7.8	0	0	0	0
16-Apr-11	1900	11.8	80	E	43.9	13.0	11.2	0	0	0	0
16-Apr-11	2000	14.8	90	E	44.2	3.9	2.0	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											
16-Apr-11	2100	18.7	99	E	45.8	9.0	7.0	0	0	0	0
16-Apr-11	2200	19.8	91	E	46.1	9.1	4.0	0	0	0	0
16-Apr-11	2300	17.8	86	E	43.7	7.8	5.9	0	0	0	0
16-Apr-11	2400	16.6	91	E	43.3	8.4	5.3	0	0	0	0
17-Apr-11	100	13.9	85	E	40.9	9.1	7.4	0	0	0	0
17-Apr-11	200	11.5	61	ENE	38.7	8.5	6.9	0	0	0	0
17-Apr-11	300	12.4	54	NE	39.4	4.8	2.1	0	0	0	0
17-Apr-11	400	10.1	47	NE	40.2	14.3	11.9	0	0	0	0
17-Apr-11	500	10.4	32	NNE	43.1	22.9	10.6	0	0	0	0
17-Apr-11	600	11.4	34	NE	43.1	35.1	19.1	0	0	0	0
17-Apr-11	700	12.3	28	NNE	43.3	34.9	21.0	0	0	0	0
17-Apr-11	800	12.7	28	NNE	44.1	16.7	12.5	0	0	0	0
17-Apr-11	900	11.0	14	NNE	42.9	16.8	11.5	0	0	0	0
17-Apr-11	1000	10.8	8	N	44.9	26.9	13.8	0	0	0	0
17-Apr-11	1100	12.2	7	N	46.5	24.1	19.2	0	0	0	0
17-Apr-11	1200	13.9	12	NNE	46.7	26.8	17.6	0	0	0	0
17-Apr-11	1300	13.3	22	NNE	47.3	14.7	11.2	0	0	0	0
17-Apr-11	1400	12.7	26	NNE	48.2	10.2	5.3	0	0	0	0
17-Apr-11	1500	10.5	44	NE	46.0	12.9	7.8	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											
17-Apr-11	1600	9.6	52	NE	47.8	23.3	14.7	0	0	0	0
17-Apr-11	1700	12.1	29	NNE	47.7	25.6	10.3	0	0	0	0
17-Apr-11	1800	11.3	39	NE	45.5	30.3	22.1	0	0	0	0
17-Apr-11	1900	7.3	45	NE	47.4	26.6	14.5	0	0	0	0
17-Apr-11	2000	5.6	39	NE	45.7	23.2	13.7	0	0	0	0
17-Apr-11	2100	3.2	15	NNE	44.4	26.0	18.8	0	0	0	0
17-Apr-11	2200	2.1	8	N	44.8	25.0	9.3	0	0	0	0
17-Apr-11	2300	1.9	48	NE	42.4	17.3	12.3	0	0	0	0
17-Apr-11	2400	3.1	121	ESE	42.3	24.5	8.5	0	0	0	0
18-Apr-11	100	4.1	163	SSE	40.3	21.2	10.6	0	0	0	0
18-Apr-11	200	4.0	168	SSE	41.0	24.5	12.0	0	0	0	0
18-Apr-11	300	5.2	196	SSW	40.6	41.9	16.4	0	0	0	0
18-Apr-11	400	8.1	226	SW	42.0	61.1	23.2	0	0	0	0
18-Apr-11	500	8.6	232	SW	45.9	87.4	23.0	0	0	0	0
18-Apr-11	600	8.0	262	W	52.9	58.8	23.9	0	0	0	0
18-Apr-11	700	8.1	263	W	55.2	25.3	9.0	0	0	0	0