

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-Mar-10	700	15.8	224	SW	51.6	1.0	0.6	0	0	0	0
14-Mar-10	800	24.1	258	WSW	53.8	0.8	0.2	0	0	0	0
14-Mar-10	900	20.3	262	W	49.5	1.9	1.4	0	0	0	0
14-Mar-10	1000	20.3	253	WSW	51.4	0.8	0.6	0	0	0	0
14-Mar-10	1100	27.0	259	W	55.3	1.3	1.2	0	0	0	0
14-Mar-10	1200	34.2	255	WSW	60.6	1.7	1.4	0	0	0	0
14-Mar-10	1300	33.8	256	WSW	60.1	1.2	1.1	0	0	0	0
14-Mar-10	1400	33.3	256	WSW	59.7	1.9	1.6	0	0	0	0
14-Mar-10	1500	31.2	258	WSW	59.2	0.9	0.8	0	0	0	0
14-Mar-10	1600	27.3	253	WSW	56.0	1.0	0.5	0	0	0	0
14-Mar-10	1700	25.5	256	WSW	52.9	2.1	1.9	0	0	0	0
14-Mar-10	1800	23.8	248	WSW	52.4	0.9	0.5	0	0	0	0
14-Mar-10	1900	20.6	259	W	50.5	1.2	0.9	0	0	0	0
14-Mar-10	2000	14.6	258	WSW	47.5	0.7	0.7	0	0	0	0
14-Mar-10	2100	13.8	255	WSW	47.1	0.9	0.7	0	0	0	0
14-Mar-10	2200	12.0	252	WSW	45.1	1.1	0.8	0	0	0	0
14-Mar-10	2300	11.5	242	WSW	44.1	1.1	0.9	0	0	0	0
14-Mar-10	2400	10.6	232	SW	43.1	0.7	0.4	0	0	0	0
15-Mar-10	100	11.4	243	WSW	43.6	0.7	0.4	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											
15-Mar-10	200	7.4	225	SW	42.4	0.9	0.5	0	0	0	0
15-Mar-10	300	11.7	230	SW	45.1	0.9	0.7	0	0	0	0
15-Mar-10	400	13.2	235	SW	44.5	1.0	0.7	0	0	0	0
15-Mar-10	500	12.0	231	SW	45.9	1.8	0.6	0	0	0	0
15-Mar-10	600	13.0	216	SW	49.6	1.4	0.5	0	0	0	0
15-Mar-10	700	13.5	221	SW	52.3	4.7	1.5	0	0	0	0
15-Mar-10	800	15.0	239	WSW	52.5	2.3	0.5	0	0	0	0
15-Mar-10	900	9.1	225	SW	50.3	3.1	1.9	0	0	0	0
15-Mar-10	1000	9.1	207	SSW	50.4	1.8	0.8	0	0	0	0
15-Mar-10	1100	11.1	171	S	50.6	13.5	2.3	0	0	0	0
15-Mar-10	1200	12.1	165	SSE	52.3	12.2	4.4	0	0	0	0
15-Mar-10	1300	14.9	162	SSE	50.8	6.1	1.5	0	0	0	0
15-Mar-10	1400	17.2	160	SSE	52.4	6.9	2.7	0	0	0	0
15-Mar-10	1500	18.4	163	SSE	53.1	8.1	3.2	0	0	0	0
15-Mar-10	1600	11.8	162	SSE	50.1	10.3	2.7	0	0	0	0
15-Mar-10	1700	11.0	152	SSE	50.5	9.3	7.3	0	0	0	0
15-Mar-10	1800	7.8	192	SSW	48.0	2.5	1.2	0	0	0	0
15-Mar-10	1900	11.2	233	SW	47.5	1.4	0.8	0	0	0	0
15-Mar-10	2000	7.6	275	W	46.0	1.0	0.7	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-Mar-10	2100	13.5	267	W	45.7	2.5	2.2	0	0	0	0
15-Mar-10	2200	11.7	267	W	45.9	1.0	0.8	0	0	0	0
15-Mar-10	2300	15.6	272	W	44.0	1.2	0.9	0	0	0	0
15-Mar-10	2400	17.3	266	W	42.9	1.2	0.6	0	0	0	0
16-Mar-10	100	15.3	271	W	42.3	0.9	0.7	0	0	0	0
16-Mar-10	200	7.0	322	NW	43.4	0.7	0.6	0	0	0	0
16-Mar-10	300	14.4	273	W	43.1	0.7	0.6	0	0	0	0
16-Mar-10	400	13.1	292	WNW	44.6	0.6	0.3	0	0	0	0
16-Mar-10	500	9.6	297	WNW	44.7	0.5	0.3	0	0	0	0
16-Mar-10	600	9.5	293	WNW	49.1	0.7	0.4	0	0	0	0
16-Mar-10	700	9.2	268	W	52.4	3.1	0.9	0	0	0	0
16-Mar-10	800	8.8	242	WSW	54.1	2.0	0.5	0	0	0	0
16-Mar-10	900	8.8	277	W	49.8	0.8	0.3	0	0	0	0
16-Mar-10	1000	16.3	312	NW	51.0	0.9	0.4	0	0	0	0
16-Mar-10	1100	14.3	313	NW	50.5	1.1	0.5	0	0	0	0
16-Mar-10	1200	23.0	311	NW	53.1	0.8	0.7	0	0	0	0
16-Mar-10	1300	23.7	325	NW	54.0	0.7	0.4	0.1	0	0	0
16-Mar-10	1400	22.1	319	NW	52.2	1.0	0.9	0	0	0	0
16-Mar-10	1500	19.5	330	NNW	53.0	4.8	1.6	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											
16-Mar-10	1600	11.4	330	NNW	50.8	14.1	5.6	0	0	0	0
16-Mar-10	1700	12.1	340	NNW	49.7	37.7	18.5	0	0	0	0
16-Mar-10	1800	9.6	359	N	51.0	56.3	26.7	0	0	0	0
16-Mar-10	1900	8.2	13	NNE	49.1	n/a	n/a	0	0	0	0
16-Mar-10	2000	8.9	336	NNW	50.1	n/a	n/a	0	0	0	0
16-Mar-10	2100	11.5	339	NNW	46.6	n/a	n/a	0	0	0	0
16-Mar-10	2200	7.9	329	NNW	47.9	n/a	n/a	0	0	0	0
16-Mar-10	2300	7.3	262	W	46.3	n/a	n/a	0	0	0	0
16-Mar-10	2400	4.6	15	NNE	46.3	n/a	n/a	0	0	0	0
17-Mar-10	100	4.0	236	SW	46.5	n/a	n/a	0	0	0	0
17-Mar-10	200	4.8	190	S	45.3	n/a	n/a	0	0	0	0
17-Mar-10	300	6.1	257	WSW	44.4	n/a	n/a	0	0	0	0
17-Mar-10	400	6.8	275	W	45.4	n/a	n/a	0	0	0	0
17-Mar-10	500	5.6	265	W	45.5	n/a	n/a	0	0	0	0
17-Mar-10	600	5.4	243	WSW	49.1	n/a	n/a	0	0	0	0
17-Mar-10	700	5.5	245	WSW	52.5	n/a	n/a	0	0	0	0
17-Mar-10	800	6.7	252	WSW	55.6	n/a	n/a	0	0	0	0
17-Mar-10	900	6.6	243	WSW	52.6	n/a	n/a	0	0	0	0
17-Mar-10	1000	6.9	226	SW	51.5	n/a	n/a	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-Mar-10	1100	7.2	231	SW	57.3	45.8	33.6	0	0	0	0
17-Mar-10	1200	10.3	264	W	54.1	22.9	19.4	0	0	0	0
17-Mar-10	1300	14.6	253	WSW	49.5	2.5	1.8	0	0	0	0
17-Mar-10	1400	15.0	263	W	48.8	2.4	1.3	0	0	0	0
17-Mar-10	1500	16.8	85	E	53.8	16.5	5.3	0	0	0	0
17-Mar-10	1600	18.3	91	E	51.8	29.3	12.9	0	0	0	0
17-Mar-10	1700	15.1	73	ENE	51.3	24.9	14.9	0	0	0	0
17-Mar-10	1800	14.4	83	E	52.5	50.2	24.2	0	0	0	0
17-Mar-10	1900	9.1	94	E	48.5	55.9	24.3	0	0	0	0
17-Mar-10	2000	6.5	141	SE	47.8	62.8	24.2	0	0	0	0
17-Mar-10	2100	4.2	338	NNW	47.7	67.9	29.6	0	0	0	0
17-Mar-10	2200	4.0	74	ENE	46.2	72.5	29.9	0	0	0	0
17-Mar-10	2300	7.2	127	SE	44.4	41.8	16.2	0	0	0	0
17-Mar-10	2400	6.9	177	S	43.4	66.1	25.0	0	0	0	0
18-Mar-10	100	8.4	214	SW	43.7	39.8	17.2	0	0	0	0
18-Mar-10	200	10.1	241	WSW	44.3	80.5	28.0	0	0	0	0
18-Mar-10	300	13.1	262	W	43.2	8.7	6.6	0	0	0	0
18-Mar-10	400	16.4	274	W	43.1	0.9	0.6	0	0	0	0
18-Mar-10	500	17.4	276	W	44.8	0.7	0.6	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-Mar-10	600	16.4	273	W	45.8	0.8	0.8	0	0	0	0
18-Mar-10	700	16.0	278	W	49.8	1.4	1.2	0	0	0	0
18-Mar-10	800	17.6	273	W	51.4	0.9	0.6	0	0	0	0
18-Mar-10	900	17.2	280	W	48.1	3.9	2.0	0	0	0	0
18-Mar-10	1000	15.9	291	WNW	48.0	2.4	1.6	0	0	0	0
18-Mar-10	1100	13.2	307	NW	49.4	2.5	0.7	0	0	0	0
18-Mar-10	1200	7.7	339	NNW	48.7	1.4	0.6	0	0	0	0
18-Mar-10	1300	6.4	29	NNE	51.7	5.7	3.0	0	0	0	0
18-Mar-10	1400	6.3	53	NE	50.0	2.0	0.4	0	0	0	0
18-Mar-10	1500	10.6	92	E	49.6	2.1	0.5	0	0	0	0
18-Mar-10	1600	14.9	103	ESE	50.7	5.5	1.2	0	0	0	0
18-Mar-10	1700	17.4	124	SE	50.4	13.5	3.1	0	0	0	0
18-Mar-10	1800	17.2	144	SE	49.3	12.0	3.4	0	0	0	0
18-Mar-10	1900	15.3	155	SSE	48.1	8.5	3.0	0	0	0	0
18-Mar-10	2000	8.6	157	SSE	46.7	14.6	7.5	0	0	0	0
18-Mar-10	2100	10.7	168	SSE	46.4	31.0	9.3	0	0	0	0
18-Mar-10	2200	11.3	177	S	47.1	28.3	10.3	0	0	0	0
18-Mar-10	2300	12.5	167	SSE	46.2	19.6	7.8	0	0	0	0
18-Mar-10	2400	14.6	154	SSE	45.8	21.2	8.3	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											
19-Mar-10	100	10.5	153	SSE	44.3	25.4	12.3	0	0	0	0
19-Mar-10	200	13.5	156	SSE	45.3	30.5	14.3	0	0	0	0
19-Mar-10	300	13.4	159	SSE	45.3	34.6	17.8	0	0	0	0
19-Mar-10	400	11.3	157	SSE	45.4	35.6	18.4	0	0	0	0
19-Mar-10	500	13.2	150	SSE	45.8	49.2	26.0	0	0	0	0
19-Mar-10	600	13.2	160	SSE	47.7	50.5	25.0	0	0	0	0
19-Mar-10	700	13.8	170	S	50.8	45.2	22.5	0	0	0	0
19-Mar-10	800	10.7	170	S	52.6	38.6	18.3	0	0	0	0
19-Mar-10	900	11.5	166	SSE	52.5	23.3	8.6	0	0	0	0
19-Mar-10	1000	12.6	162	SSE	52.1	24.1	14.1	0	0	0	0
19-Mar-10	1100	15.8	154	SSE	51.3	24.9	18.5	0	0	0	0
19-Mar-10	1200	16.9	139	SE	51.8	24.0	9.7	0	0	0	0
19-Mar-10	1300	13.7	129	SE	49.5	19.7	12.1	0	0	0	0
19-Mar-10	1400	13.3	78	ENE	50.2	29.0	15.0	0	0	0	0
19-Mar-10	1500	16.6	64	ENE	51.0	37.4	20.3	0	0	0	0
19-Mar-10	1600	16.8	54	NE	49.8	36.6	12.5	0	0	0	0
19-Mar-10	1700	16.4	62	ENE	49.2	34.9	14.7	0	0	0	0
19-Mar-10	1800	13.4	55	NE	47.5	22.8	13.3	0	0	0	0
19-Mar-10	1900	12.0	43	NE	46.0	43.0	24.8	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-Mar-10	2000	11.1	30	NNE	44.3	80.8	44.9	0	0	0	0
19-Mar-10	2100	9.6	29	NNE	42.9	109.7	55.3	0	0	0	0
19-Mar-10	2200	9.5	24	NNE	44.0	116.0	64.8	0	0	0	0
19-Mar-10	2300	10.6	18	NNE	42.5	108.0	48.6	0	0	0	0
19-Mar-10	2400	9.7	13	NNE	40.8	60.8	37.8	0	0	0	0
20-Mar-10	100	10.5	17	NNE	40.7	44.2	20.5	0	0	0	0
20-Mar-10	200	10.5	21	NNE	41.8	41.2	24.9	0	0	0	0
20-Mar-10	300	8.8	3	N	40.0	36.5	18.7	0	0	0	0
20-Mar-10	400	10.4	345	NNW	40.1	28.5	18.3	0	0	0	0
20-Mar-10	500	12.9	337	NNW	41.1	45.3	24.0	0	0	0	0
20-Mar-10	600	11.8	341	NNW	41.1	61.1	32.5	0	0	0	0
20-Mar-10	700	8.7	343	NNW	43.2	56.1	27.5	0	0	0	0
20-Mar-10	800	11.1	334	NNW	45.3	74.3	41.8	0	0	0	0
20-Mar-10	900	13.4	341	NNW	47.1	59.8	28.4	0	0	0	0
20-Mar-10	1000	13.3	344	NNW	46.5	50.3	24.6	0	0	0	0
20-Mar-10	1100	11.6	353	N	49.2	39.8	22.6	0	0	0	0
20-Mar-10	1200	10.9	354	N	46.7	30.7	18.7	0	0	0	0
20-Mar-10	1300	12.0	345	NNW	48.1	16.8	14.7	0	0	0	0
20-Mar-10	1400	12.2	351	N	48.2	17.6	11.4	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											
20-Mar-10	1500	14.7	8	N	49.2	22.3	11.4	0	0	0	0
20-Mar-10	1600	14.3	19	NNE	48.3	25.0	12.0	0	0	0	0
20-Mar-10	1700	14.3	25	NNE	47.6	42.6	16.2	0	0	0	0
20-Mar-10	1800	13.5	42	NE	46.0	49.3	27.5	0	0	0	0
20-Mar-10	1900	12.0	63	ENE	46.7	63.1	37.4	0	0	0	0
20-Mar-10	2000	9.6	76	ENE	44.6	65.9	30.0	0	0	0	0
20-Mar-10	2100	9.6	93	E	45.8	71.7	39.9	0	0	0	0
20-Mar-10	2200	9.2	65	ENE	43.3	66.4	36.5	0	0	0	0
20-Mar-10	2300	8.8	75	ENE	43.5	56.0	33.7	0	0	0	0
20-Mar-10	2400	8.5	82	E	43.0	55.0	26.3	0	0	0	0
21-Mar-10	100	8.3	91	E	42.7	65.8	33.4	0	0	0	0
21-Mar-10	200	10.9	103	ESE	43.2	64.2	28.4	0	0	0	0
21-Mar-10	300	13.2	112	ESE	44.4	88.8	46.3	0	0	0	0
21-Mar-10	400	13.6	122	ESE	45.2	90.1	44.2	0	0	0	0
21-Mar-10	500	10.1	110	ESE	44.5	72.4	39.3	0	0	0	0
21-Mar-10	600	7.9	101	E	48.0	75.2	35.1	0	0	0	0