

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											
02-Aug-11	800	16.5	334	NNW	54.4	21.6	5.4	0	0	0	0
02-Aug-11	900	14.9	336	NNW	51.6	18.7	4.8	0	0	0	0
02-Aug-11	1000	11.6	346	NNW	51.3	13.3	2.3	0	0	0	0
02-Aug-11	1100	7.8	9	N	51.8	15.3	4.1	0	0	0	0
02-Aug-11	1200	8.7	39	NE	53.7	32.1	6.5	0	0	0	0
02-Aug-11	1300	8.3	49	NE	53.2	20.5	4.0	0	0	0	0
02-Aug-11	1400	10.4	70	ENE	54.1	22.5	3.8	0	0	0	0
02-Aug-11	1500	12.2	66	ENE	54.0	19.8	3.8	0	0	0	0
02-Aug-11	1600	15.5	82	E	52.7	37.4	5.5	0	0	0	0
02-Aug-11	1700	13.6	78	ENE	50.8	27.6	4.0	0	0	0	0
02-Aug-11	1800	13.3	91	E	48.6	44.4	6.9	0	0	0	0
02-Aug-11	1900	11.6	104	ESE	49.1	52.6	9.1	0	0	0	0
02-Aug-11	2000	8.3	68	ENE	48.7	51.2	9.1	0	0	0	0
02-Aug-11	2100	4.6	44	NE	47.6	48.8	11.4	0	0	0	0
02-Aug-11	2200	4.1	153	SSE	46.5	79.4	15.6	0	0	0	0
02-Aug-11	2300	10.7	181	S	45.2	35.2	8.3	0	0	0	0
02-Aug-11	2400	9.3	205	SSW	44.9	12.1	7.1	0	0	0	0
03-Aug-11	100	9.6	247	WSW	49.5	10.8	5.8	0	0	0	0
03-Aug-11	200	10.9	286	WNW	50.3	35.6	12.1	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											
03-Aug-11	300	12.3	322	NW	50.7	43.7	12.3	0	0	0	0
03-Aug-11	400	16.6	333	NNW	53.7	22.0	7.8	0	0	0	0
03-Aug-11	500	10.2	336	NNW	51.1	32.1	6.9	0	0	0	0
03-Aug-11	600	10.8	326	NNW	54.8	42.1	9.3	0	0	0	0
03-Aug-11	700	8.9	316	NW	54.2	76.5	17.1	0	0	0	0
03-Aug-11	800	6.9	325	NW	53.1	39.1	10.5	0	0	0	0
03-Aug-11	900	16.1	324	NW	51.4	32.0	7.7	0	0	0	0
03-Aug-11	1000	17.3	336	NNW	52.2	27.6	8.7	0	0	0	0
03-Aug-11	1100	15.1	347	NNW	53.0	25.2	7.4	0	0	0	0
03-Aug-11	1200	12.2	359	NNW	52.3	25.3	7.8	0	0	0	0
03-Aug-11	1300	9.4	12	NNE	52.7	24.2	7.1	0	0	0	0
03-Aug-11	1400	9.5	27	NNE	53.6	31.3	5.3	0	0	0	0
03-Aug-11	1500	8.8	54	NE	54.0	22.5	3.9	0	0	0	0
03-Aug-11	1600	6.9	79	ENE	52.3	21.5	3.9	0	0	0	0
03-Aug-11	1700	9.7	65	ENE	51.4	26.3	4.2	0	0	0	0
03-Aug-11	1800	11.4	47	NE	49.8	31.2	4.9	0	0	0	0
03-Aug-11	1900	18.5	29	NNE	58.7	37.3	6.4	0.1	0	0	0
03-Aug-11	2000	13.3	37	NE	58.6	24.7	11.1	0	0	0	0
03-Aug-11	2100	6.8	4	N	51.9	16.7	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
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											
03-Aug-11	2200	6.2	293	WNW	52.8	35.8	10.6	0.1	0	0	0
03-Aug-11	2300	8.6	280	W	52.2	15.2	3.8	0	0	0	0
03-Aug-11	2400	7.0	297	WNW	51.2	14.5	4.4	0	0	0	0
04-Aug-11	100	5.6	304	NW	51.1	15.6	5.5	0	0	0	0
04-Aug-11	200	6.4	359	NNW	50.5	15.6	7.1	0	0	0	0
04-Aug-11	300	4.2	61	ENE	46.4	16.2	8.4	0	0	0	0
04-Aug-11	400	4.3	46	NE	45.0	14.1	4.9	0.1	0	0	0
04-Aug-11	500	3.7	134	SE	48.0	18.7	4.4	0	0	0	0
04-Aug-11	600	6.8	195	SSW	53.4	23.7	9.6	0	0	0	0
04-Aug-11	700	9.5	202	SSW	53.9	24.7	7.7	0.1	0	0	0
04-Aug-11	800	8.9	188	S	54.0	30.7	6.8	0	0	0	0
04-Aug-11	900	10.6	174	S	54.5	21.9	7.8	0	0	0	0
04-Aug-11	1000	13.1	167	SSE	54.1	22.0	5.6	0.1	0	0	0
04-Aug-11	1100	16.8	162	SSE	55.5	22.8	6.2	0	0	0	0
04-Aug-11	1200	15.4	159	SSE	55.4	22.2	6.4	0	0	0	0
04-Aug-11	1300	16.9	132	SE	56.0	26.3	6.7	0	0	0	0
04-Aug-11	1400	17.0	126	SE	55.2	28.5	4.6	0	0	0	0
04-Aug-11	1500	18.4	128	SE	54.9	37.2	6.0	0.1	0	0	0
04-Aug-11	1600	18.2	118	ESE	53.6	30.1	7.9	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											
04-Aug-11	1700	19.5	119	ESE	52.7	33.4	9.4	0	0	0	0
04-Aug-11	1800	19.2	120	ESE	51.9	26.2	4.8	0	0	0	0
04-Aug-11	1900	18.0	132	SE	51.2	26.1	5.5	0	0	0	0
04-Aug-11	2000	15.9	133	SE	50.2	21.7	6.3	0	0	0	0
04-Aug-11	2100	14.7	136	SE	50.0	20.3	3.9	0	0	0	0
04-Aug-11	2200	11.1	155	SSE	49.4	24.1	6.1	0	0	0	0
04-Aug-11	2300	10.7	165	SSE	47.8	26.8	5.0	0	0	0	0
04-Aug-11	2400	11.6	176	S	47.7	19.9	5.6	0	0	0	0
05-Aug-11	100	11.0	172	S	47.6	21.9	6.6	0	0	0	0
05-Aug-11	200	10.6	171	S	49.2	21.8	4.5	0	0	0	0
05-Aug-11	300	8.9	158	SSE	48.4	26.5	6.9	0	0	0	0
05-Aug-11	400	6.5	229	SW	50.1	34.8	9.7	0	0	0	0
05-Aug-11	500	6.5	319	NW	52.0	27.8	10.1	0.1	0	0	0
05-Aug-11	600	5.2	2	N	55.4	68.2	14.7	0	0	0	0
05-Aug-11	700	3.6	360	NNW	54.4	83.1	20.1	0	0	0	0
05-Aug-11	800	3.8	316	NW	54.2	63.5	15.8	0	0	0	0
05-Aug-11	900	4.8	268	W	52.0	30.6	6.8	0	0	0	0
05-Aug-11	1000	5.5	261	W	52.9	32.5	7.6	0	0	0	0
05-Aug-11	1100	4.2	307	NW	53.7	32.4	6.4	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											
05-Aug-11	1200	8.2	103	ESE	68.5	60.5	9.4	7.7	0	0	0
05-Aug-11	1300	11.7	119	ESE	54.7	58.4	13.0	0	0	0	0
05-Aug-11	1400	10.4	125	SE	55.0	58.4	17.3	0	0	0	0
05-Aug-11	1500	14.0	119	ESE	54.3	53.4	12.1	0	0	0	0
05-Aug-11	1600	14.5	87	E	53.2	61.4	12.2	0	0	0	0
05-Aug-11	1700	22.3	7	N	66.3	47.3	12.8	14.8	0	0	0
05-Aug-11	1800	12.8	93	E	53.4	21.7	11.1	0	0	0	0
05-Aug-11	1900	15.0	129	SE	52.8	17.8	8.5	0	0	0	0
05-Aug-11	2000	5.1	186	S	53.0	17.1	8.5	0	0	0	0
05-Aug-11	2100	9.4	245	WSW	53.8	30.3	11.6	0	0	0	0
05-Aug-11	2200	11.7	252	WSW	52.5	15.2	6.0	0	0	0	0
05-Aug-11	2300	11.4	195	SSW	48.8	25.8	7.2	0	0	0	0
05-Aug-11	2400	6.0	202	SSW	46.3	29.1	7.2	0	0	0	0
06-Aug-11	100	5.9	262	W	51.7	27.6	7.7	0	0	0	0
06-Aug-11	200	5.5	269	W	49.4	85.9	19.2	0	0	0	0
06-Aug-11	300	11.5	248	WSW	53.3	24.8	10.0	0	0	0	0
06-Aug-11	400	13.9	269	W	52.7	31.2	10.3	0	0	0	0
06-Aug-11	500	24.2	327	NNW	54.5	32.6	9.3	0	0	0	0
06-Aug-11	600	25.9	330	NNW	56.4	27.2	7.9	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
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											
06-Aug-11	700	29.1	335	NNW	60.6	22.3	9.8	0.1	0	0	0
06-Aug-11	800	26.6	343	NNW	60.9	20.7	9.1	0	0	0	0
06-Aug-11	900	25.3	352	NNW	59.7	8.2	2.5	0	0	0	0
06-Aug-11	1000	17.1	354	NNW	53.7	10.7	2.2	0	0	0	0
06-Aug-11	1100	10.9	4	N	52.4	13.5	2.9	0	0	0	0
06-Aug-11	1200	10.0	28	NNE	52.8	13.3	3.0	0	0	0	0
06-Aug-11	1300	9.4	77	ENE	52.9	8.7	1.8	0	0	0	0
06-Aug-11	1400	11.4	81	E	53.2	9.3	2.7	0	0	0	0
06-Aug-11	1500	13.5	100	E	51.7	19.5	6.9	0	0	0	0
06-Aug-11	1600	15.2	113	ESE	50.7	16.2	3.7	0	0	0	0
06-Aug-11	1700	15.1	112	ESE	49.6	20.9	5.6	0	0	0	0
06-Aug-11	1800	15.0	117	ESE	49.6	23.5	5.5	0	0	0	0
06-Aug-11	1900	13.2	115	ESE	47.9	29.3	8.8	0	0	0	0
06-Aug-11	2000	10.7	97	E	47.2	26.0	9.4	0	0	0	0
06-Aug-11	2100	8.9	48	NE	45.2	16.2	3.3	0	0	0	0
06-Aug-11	2200	29.7	350	NNW	63.9	20.6	6.3	1	0	0	0
06-Aug-11	2300	30.9	348	NNW	64.7	6.0	2.7	0	0	0	0
06-Aug-11	2400	29.1	359	NNW	60.7	2.3	1.4	0	0	0	0
07-Aug-11	100	17.9	354	NNW	51.2	2.5	1.4	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											
07-Aug-11	200	7.0	291	WNW	44.8	4.7	2.0	0	0	0	0
07-Aug-11	300	9.5	234	SW	44.5	2.3	1.4	0	0	0	0
07-Aug-11	400	10.8	236	SW	45.6	4.1	2.0	0	0	0	0
07-Aug-11	500	9.7	252	WSW	47.1	1.8	0.8	0	0	0	0
07-Aug-11	600	10.6	271	W	47.1	5.2	2.6	0	0	0	0
07-Aug-11	700	10.6	265	W	47.7	6.6	2.7	0	0	0	0
07-Aug-11	800	11.9	246	WSW	47.5	7.6	4.2	0	0	0	0
07-Aug-11	900	6.6	287	WNW	47.3	7.4	4.4	0	0	0	0
07-Aug-11	1000	8.3	6	N	49.1	6.7	3.6	0	0	0	0
07-Aug-11	1100	9.2	359	NNW	48.6	5.3	2.6	0	0	0	0
07-Aug-11	1200	5.9	350	NNW	50.3	5.8	2.0	0	0	0	0
07-Aug-11	1300	15.5	343	NNW	51.1	3.2	1.0	0	0	0	0
07-Aug-11	1400	13.8	341	NNW	49.8	4.9	1.5	0	0	0	0
07-Aug-11	1500	15.2	331	NNW	49.0	2.0	0.6	0	0	0	0
07-Aug-11	1600	22.0	354	NNW	56.0	6.5	1.9	0	0	0	0
07-Aug-11	1700	22.8	348	NNW	56.7	6.2	1.5	0	0	0	0
07-Aug-11	1800	19.5	352	NNW	52.6	6.2	1.9	0	0	0	0
07-Aug-11	1900	16.8	352	NNW	49.4	7.3	2.9	0	0	0	0
07-Aug-11	2000	14.1	359	NNW	46.7	8.4	3.9	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											
07-Aug-11	2100	9.4	11	N	44.4	12.4	3.9	0	0	0	0
07-Aug-11	2200	13.3	339	NNW	47.2	12.6	6.2	0	0	0	0
07-Aug-11	2300	15.2	332	NNW	47.0	23.8	7.8	0	0	0	0
07-Aug-11	2400	11.9	307	NW	45.6	16.1	5.5	0	0	0	0
08-Aug-11	100	10.8	304	NW	44.6	10.8	4.7	0	0	0	0
08-Aug-11	200	10.7	312	NW	45.9	14.9	5.4	0	0	0	0
08-Aug-11	300	8.6	295	WNW	45.9	15.2	6.4	0	0	0	0
08-Aug-11	400	9.2	310	NW	46.2	35.4	11.3	0	0	0	0
08-Aug-11	500	7.8	296	WNW	52.0	15.6	6.7	0	0	0	0
08-Aug-11	600	5.6	318	NW	56.9	69.7	15.7	0	0	0	0
08-Aug-11	700	6.2	314	NW	54.7	57.8	13.8	0	0	0	0