

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											
12-Mar-12	800	12.4	242	WSW	54.5	6.4	2.3	0.0	0	0	0
12-Mar-12	900	14.7	214	SW	50.9	9.4	3.8	0.0	0	0	0
12-Mar-12	1000	16.9	200	SSW	52.2	10.3	2.2	0.0	0	0	0
12-Mar-12	1100	20.0	177	S	54.1	2.5	0.6	0.0	0	0	0
12-Mar-12	1200	22.5	163	SSE	56.3	2.5	0.6	0.0	0	0	0
12-Mar-12	1300	23.7	156	SSE	56.2	5.3	1.3	0.0	0	0	0
12-Mar-12	1400	22.2	174	S	56.4	2.8	0.6	0.0	0	0	0
12-Mar-12	1500	24.1	177	S	57.8	9.4	2.4	0.0	0	0	0
12-Mar-12	1600	32.3	179	S	64.5	10.9	6.9	0.6	0	0	0
12-Mar-12	1700	27.1	198	SSW	60.1	10.7	4.9	0.0	0	0	0
12-Mar-12	1800	24.9	211	SSW	57.5	9.4	3.4	0.0	0	0	0
12-Mar-12	1900	24.3	209	SSW	57.3	6.2	2.8	0.0	0	0	0
12-Mar-12	2000	16.3	201	SSW	50.1	8.7	2.0	0.0	0	0	0
12-Mar-12	2100	13.5	194	SSW	48.1	8.8	3.8	0.0	0	0	0
12-Mar-12	2200	17.9	184	S	50.5	4.8	1.9	0.0	0	0	0
12-Mar-12	2300	16.6	167	SSE	47.9	6.0	4.4	0.0	0	0	0
12-Mar-12	2400	14.9	169	S	47.1	2.0	0.7	0.0	0	0	0
13-Mar-12	100	16.1	154	SSE	46.9	2.3	0.6	0.0	0	0	0
13-Mar-12	200	16.2	155	SSE	47.7	2.6	1.1	0.0	0	0	0
13-Mar-12	300	14.9	155	SSE	47.6	1.8	0.5	0.0	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											
13-Mar-12	400	13.4	150	SSE	46.9	1.5	0.9	0.0	0	0	0
13-Mar-12	500	13.9	158	SSE	49.4	1.3	0.5	0.0	0	0	0
13-Mar-12	600	14.7	153	SSE	51.1	2.6	1.3	0.0	0	0	0
13-Mar-12	700	18.9	150	SSE	55.1	1.9	0.6	0.0	0	0	0
13-Mar-12	800	16.5	152	SSE	56.3	2.3	0.5	0.0	0	0	0
13-Mar-12	900	14.7	152	SSE	54.8	2.7	0.7	0.0	0	0	0
13-Mar-12	1000	30.6	175	S	65.2	2.7	0.7	3.0	0	0	0
13-Mar-12	1100	35.4	188	S	68.3	7.4	2.0	0.0	0	0	0
13-Mar-12	1200	34.5	195	SSW	68.3	7.2	5.0	0.0	0	0	0
13-Mar-12	1300	30.4	183	S	64.3	1.6	0.6	0.0	0	0	0
13-Mar-12	1400	34.7	178	S	67.3	16.2	9.3	0.0	0	0	0
13-Mar-12	1500	37.0	196	SSW	67.6	8.0	2.0	0.0	0	0	0
13-Mar-12	1600	29.5	263	W	60.1	1.7	0.5	0.0	0	0	0
13-Mar-12	1700	34.5	249	WSW	62.2	6.5	3.2	0.0	0	0	0
13-Mar-12	1800	38.8	244	WSW	64.6	5.1	2.3	0.0	0	0	0
13-Mar-12	1900	33.1	250	WSW	60.3	4.4	3.5	0.0	0	0	0
13-Mar-12	2000	25.6	251	WSW	53.8	1.2	1.0	0.0	0	0	0
13-Mar-12	2100	23.9	251	WSW	52.6	7.3	6.9	0.0	0	0	0
13-Mar-12	2200	17.3	247	WSW	46.5	2.1	1.2	0.0	0	0	0
13-Mar-12	2300	19.8	223	SW	48.4	3.2	2.4	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											
13-Mar-12	2400	10.9	224	SW	45.1	2.1	1.0	0.0	0	0	0
14-Mar-12	100	11.5	220	SW	42.2	2.5	0.8	0.0	0	0	0
14-Mar-12	200	9.9	214	SW	42.3	2.3	1.1	0.0	0	0	0
14-Mar-12	300	10.4	210	SSW	42.9	4.7	3.5	0.0	0	0	0
14-Mar-12	400	10.3	208	SSW	43.2	3.2	2.9	0.0	0	0	0
14-Mar-12	500	12.6	205	SSW	46.8	2.0	0.5	0.0	0	0	0
14-Mar-12	600	9.2	216	SW	51.1	3.2	1.9	0.0	0	0	0
14-Mar-12	700	6.7	234	SW	54.3	2.4	2.3	0.0	0	0	0
14-Mar-12	800	7.1	215	SW	55.9	12.7	2.1	0.0	0	0	0
14-Mar-12	900	6.6	219	SW	53.8	8.2	2.9	0.0	0	0	0
14-Mar-12	1000	8.2	176	S	52.1	12.9	2.4	0.0	0	0	0
14-Mar-12	1100	12.2	161	SSE	50.9	14.7	5.0	0.0	0	0	0
14-Mar-12	1200	12.6	163	SSE	51.5	4.2	1.5	0.0	0	0	0
14-Mar-12	1300	12.2	165	SSE	50.5	1.9	0.4	0.0	0	0	0
14-Mar-12	1400	14.9	231	SW	49.0	2.2	0.5	0.0	0	0	0
14-Mar-12	1500	12.7	212	SSW	50.5	7.9	2.5	0.0	0	0	0
14-Mar-12	1600	11.9	222	SW	48.4	1.6	0.7	0.0	0	0	0
14-Mar-12	1700	10.9	219	SW	47.9	1.9	1.3	0.0	0	0	0
14-Mar-12	1800	13.5	193	SSW	48.3	1.0	0.3	0.0	0	0	0
14-Mar-12	1900	13.8	182	S	49.1	2.1	0.4	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
<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											
14-Mar-12	2000	13.1	172	S	48.3	9.6	2.3	0.0	0	0	0
14-Mar-12	2100	12.1	189	S	48.2	10.7	2.6	0.0	0	0	0
14-Mar-12	2200	12.5	185	S	48.1	6.7	1.8	0.0	0	0	0
14-Mar-12	2300	9.2	171	S	46.5	5.8	1.8	0.0	0	0	0
14-Mar-12	2400	7.9	166	SSE	44.6	3.0	1.2	0.0	0	0	0
15-Mar-12	100	8.9	176	S	43.8	6.3	3.2	0.0	0	0	0
15-Mar-12	200	5.1	264	W	41.9	2.4	1.9	0.0	0	0	0
15-Mar-12	300	7.3	228	SW	43.1	1.8	0.5	0.0	0	0	0
15-Mar-12	400	10.4	213	SSW	41.2	3.8	3.3	0.0	0	0	0
15-Mar-12	500	6.0	220	SW	47.1	1.4	0.7	0.0	0	0	0
15-Mar-12	600	6.8	129	SE	49.9	15.2	3.1	0.0	0	0	0
15-Mar-12	700	12.8	137	SE	53.6	11.3	8.4	0.0	0	0	0
15-Mar-12	800	12.9	132	SE	55.6	6.5	1.8	0.0	0	0	0
15-Mar-12	900	17.7	128	SE	55.1	3.1	0.7	0.0	0	0	0
15-Mar-12	1000	18.9	146	SE	55.0	5.7	1.3	0.0	0	0	0
15-Mar-12	1100	19.9	151	SSE	55.1	13.4	3.8	0.0	0	0	0
15-Mar-12	1200	17.9	147	SSE	55.3	1.0	0.4	0.0	0	0	0
15-Mar-12	1300	19.4	168	SSE	54.4	2.8	0.8	0.0	0	0	0
15-Mar-12	1400	33.3	206	SSW	66.7	5.4	3.3	0.0	0	0	0
15-Mar-12	1500	29.9	202	SSW	64.1	4.1	2.0	0.0	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-12	1600	24.3	217	SW	56.6	0.9	0.3	0.0	0	0	0
15-Mar-12	1700	22.7	193	SSW	56.7	3.5	1.3	0.0	0	0	0
15-Mar-12	1800	21.8	206	SSW	56.3	1.6	1.1	0.0	0	0	0
15-Mar-12	1900	24.9	212	SSW	58.0	1.7	0.5	0.0	0	0	0
15-Mar-12	2000	23.3	214	SW	56.4	1.0	0.6	0.0	0	0	0
15-Mar-12	2100	17.3	247	WSW	47.8	0.9	0.6	0.0	0	0	0
15-Mar-12	2200	19.7	212	SSW	53.1	1.2	0.6	0.0	0	0	0
15-Mar-12	2300	21.0	210	SSW	54.3	4.8	2.9	0.0	0	0	0
15-Mar-12	2400	23.6	213	SSW	55.3	6.7	4.3	0.0	0	0	0
16-Mar-12	100	18.9	223	SW	47.8	5.4	2.6	0.0	0	0	0
16-Mar-12	200	11.6	237	WSW	43.6	2.3	0.6	0.0	0	0	0
16-Mar-12	300	12.3	248	WSW	43.2	2.3	0.8	0.0	0	0	0
16-Mar-12	400	8.7	156	SSE	46.0	3.6	1.3	0.0	0	0	0
16-Mar-12	500	8.8	234	SW	49.4	6.9	3.5	0.0	0	0	0
16-Mar-12	600	8.9	203	SSW	50.4	12.4	6.9	0.0	0	0	0
16-Mar-12	700	10.9	225	SW	55.0	6.3	2.7	0.0	0	0	0
16-Mar-12	800	12.1	228	SW	56.6	10.1	9.8	0.0	0	0	0
16-Mar-12	900	11.2	255	WSW	53.8	7.1	5.7	0.0	0	0	0
16-Mar-12	1000	12.2	247	WSW	53.3	7.7	5.5	0.0	0	0	0
16-Mar-12	1100	14.7	253	WSW	50.3	5.2	3.7	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											
16-Mar-12	1200	12.2	238	WSW	51.0	5.7	1.4	0.0	0	0	0
16-Mar-12	1300	22.1	233	SW	53.3	3.3	1.9	0.0	0	0	0
16-Mar-12	1400	15.7	232	SW	50.4	1.2	0.3	0.0	0	0	0
16-Mar-12	1500	12.8	231	SW	50.8	1.4	0.4	0.0	0	0	0
16-Mar-12	1600	22.7	278	W	52.8	4.1	1.1	0.0	0	0	0
16-Mar-12	1700	16.5	258	WSW	51.4	2.3	0.8	0.0	0	0	0
16-Mar-12	1800	18.0	271	W	49.8	4.2	2.1	0.0	0	0	0
16-Mar-12	1900	20.7	243	WSW	50.1	2.2	1.4	0.0	0	0	0
16-Mar-12	2000	22.0	237	WSW	50.0	1.8	1.2	0.0	0	0	0
16-Mar-12	2100	20.5	235	SW	48.9	2.8	1.7	0.0	0	0	0
16-Mar-12	2200	15.8	256	WSW	45.9	1.4	0.9	0.0	0	0	0
16-Mar-12	2300	12.6	280	W	44.7	2.6	0.8	0.0	0	0	0
16-Mar-12	2400	16.4	244	WSW	43.9	6.1	4.3	0.0	0	0	0
17-Mar-12	100	15.2	264	W	43.9	5.7	2.3	0.0	0	0	0
17-Mar-12	200	8.5	286	WNW	42.3	2.4	1.7	0.0	0	0	0
17-Mar-12	300	12.5	268	W	42.1	0.6	0.2	0.0	0	0	0
17-Mar-12	400	9.2	289	WNW	42.7	1.0	0.7	0.0	0	0	0
17-Mar-12	500	8.4	277	W	43.8	2.0	1.6	0.0	0	0	0
17-Mar-12	600	7.4	236	SW	46.0	4.0	2.5	0.0	0	0	0
17-Mar-12	700	8.6	206	SSW	48.7	2.1	1.0	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											
17-Mar-12	800	7.1	214	SW	50.7	2.6	1.8	0.0	0	0	0
17-Mar-12	900	6.9	196	SSW	50.0	2.1	0.9	0.0	0	0	0
17-Mar-12	1000	9.7	162	SSE	50.0	2.2	0.5	0.0	0	0	0
17-Mar-12	1100	11.6	164	SSE	50.9	3.8	2.4	0.0	0	0	0
17-Mar-12	1200	15.9	144	SE	52.0	2.1	0.5	0.0	0	0	0
17-Mar-12	1300	15.0	141	SE	51.1	6.2	1.6	0.0	0	0	0
17-Mar-12	1400	14.7	141	SE	52.1	9.9	4.8	0.0	0	0	0
17-Mar-12	1500	14.5	119	ESE	51.8	4.2	2.1	0.0	0	0	0
17-Mar-12	1600	12.6	127	SE	51.1	11.0	3.9	0.0	0	0	0
17-Mar-12	1700	20.0	127	SE	52.9	4.4	2.2	0.0	0	0	0
17-Mar-12	1800	17.4	136	SE	49.1	6.8	2.3	0.0	0	0	0
17-Mar-12	1900	15.7	142	SE	48.9	9.0	2.7	0.0	0	0	0
17-Mar-12	2000	13.0	168	SSE	47.6	12.3	3.9	0.0	0	0	0
17-Mar-12	2100	10.9	188	S	46.7	12.6	3.9	0.0	0	0	0
17-Mar-12	2200	12.0	181	S	48.3	16.8	5.7	0.0	0	0	0
17-Mar-12	2300	12.3	177	S	48.0	31.0	11.5	0.0	0	0	0
17-Mar-12	2400	10.5	197	SSW	46.2	41.8	19.1	0.0	0	0	0
18-Mar-12	100	14.6	221	SW	45.0	18.4	11.1	0.0	0	0	0
18-Mar-12	200	14.0	248	WSW	43.8	8.6	5.1	0.0	0	0	0
18-Mar-12	300	15.1	244	WSW	43.9	5.1	5.1	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											
18-Mar-12	400	13.8	245	WSW	43.2	1.2	0.9	0.0	0	0	0
18-Mar-12	500	7.7	197	SSW	43.2	1.1	0.7	0.0	0	0	0
18-Mar-12	600	11.0	255	WSW	44.3	6.3	4.1	0.0	0	0	0
18-Mar-12	700	14.2	263	W	44.9	1.6	0.9	0.0	0	0	0
18-Mar-12	800	17.4	265	W	46.0	2.9	2.2	0.0	0	0	0
18-Mar-12	900	16.0	268	W	47.1	4.4	2.8	0.0	0	0	0
18-Mar-12	1000	16.0	295	WNW	47.5	6.5	3.3	0.0	0	0	0
18-Mar-12	1100	18.2	303	WNW	47.9	3.3	2.4	0.0	0	0	0
18-Mar-12	1200	14.1	343	NNW	46.2	2.0	0.4	0.0	0	0	0
18-Mar-12	1300	18.4	2	N	48.5	1.5	0.4	0.0	0	0	0
18-Mar-12	1400	19.7	12	NNE	49.7	1.1	0.4	0.0	0	0	0
18-Mar-12	1500	21.7	7	N	51.1	6.6	4.7	0.0	0	0	0
18-Mar-12	1600	23.5	8	N	52.7	2.2	0.9	0.0	0	0	0
18-Mar-12	1700	23.7	9	N	52.7	13.2	3.4	0.0	0	0	0
18-Mar-12	1800	19.9	16	NNE	50.6	38.5	8.0	0.0	0	0	0
18-Mar-12	1900	16.5	36	NE	46.4	61.9	26.3	0.0	0	0	0
18-Mar-12	2000	13.3	38	NE	45.7	87.2	36.6	0.0	0	0	0
18-Mar-12	2100	10.0	87	E	45.2	124.2	46.8	0.0	0	0	0
18-Mar-12	2200	8.6	102	ESE	45.9	84.1	37.5	0.0	0	0	0
18-Mar-12	2300	5.0	344	NNW	43.2	57.7	25.4	0.0	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											
18-Mar-12	2400	6.5	335	NNW	42.1	56.6	23.0	0.0	0	0	0
19-Mar-12	100	7.4	295	WNW	42.0	61.5	22.7	0.0	0	0	0
19-Mar-12	200	8.2	298	WNW	42.4	97.6	42.8	0.0	0	0	0
19-Mar-12	300	13.0	319	NW	43.2	96.0	35.3	0.0	0	0	0
19-Mar-12	400	12.6	329	NNW	44.4	94.0	38.6	0.0	0	0	0
19-Mar-12	500	15.1	323	NW	48.8	98.0	45.0	0.0	0	0	0
19-Mar-12	600	18.3	323	NW	53.1	77.3	34.4	0.0	0	0	0
19-Mar-12	700	17.9	327	NNW	56.5	80.7	33.6	0.0	0	0	0