

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											
21-Nov-11	800	7.6	228	SW	52.0	4.2	1.1	0	0	0	0
21-Nov-11	900	10.5	193	SSW	54.5	14.2	2.5	0	0	0	0
21-Nov-11	1000	10.7	184	S	54.3	21.3	4.6	0	0	0	0
21-Nov-11	1100	12.6	192	SSW	53.6	9.4	7.1	0	0	0	0
21-Nov-11	1200	10.9	207	SSW	54.4	3.9	1.0	0	0	0	0
21-Nov-11	1300	13.9	178	S	54.6	13.5	7.6	0	0	0	0
21-Nov-11	1400	10.0	196	SSW	55.2	10.1	2.4	0	0	0	0
21-Nov-11	1500	6.8	192	SSW	55.0	28.2	12.2	0	0	0	0
21-Nov-11	1600	15.5	236	SW	52.6	4.7	4.4	0	0	0	0
21-Nov-11	1700	17.3	257	WSW	52.3	1.3	0.7	0	0	0	0
21-Nov-11	1800	13.4	240	WSW	50.1	1.9	0.8	0	0	0	0
21-Nov-11	1900	14.2	227	SW	49.3	4.0	2.2	0	0	0	0
21-Nov-11	2000	13.7	231	SW	47.5	2.9	1.9	0	0	0	0
21-Nov-11	2100	19.5	237	WSW	49.4	2.5	1.2	0	0	0	0
21-Nov-11	2200	11.7	232	SW	45.7	0.8	0.4	0	0	0	0
21-Nov-11	2300	10.1	177	S	45.3	3.0	0.8	0	0	0	0
21-Nov-11	2400	14.7	202	SSW	47.0	1.9	1.4	0	0	0	0
22-Nov-11	100	14.2	184	S	45.4	1.5	0.6	0	0	0	0
22-Nov-11	200	12.7	146	SE	44.1	1.3	0.6	0	0	0	0
22-Nov-11	300	17.1	147	SSE	48.6	2.1	1.4	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
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											
22-Nov-11	400	22.3	158	SSE	54.8	2.6	0.8	0	0	0	0
22-Nov-11	500	20.0	163	SSE	52.4	0.8	0.4	0	0	0	0
22-Nov-11	600	13.1	170	S	48.7	1.0	0.4	0	0	0	0
22-Nov-11	700	18.7	178	S	53.2	2.4	1.1	0	0	0	0
22-Nov-11	800	17.4	190	S	55.1	2.2	0.6	0	0	0	0
22-Nov-11	900	32.0	217	SW	67.0	2.5	0.6	0	0	0	0
22-Nov-11	1000	39.4	219	SW	70.0	1.6	0.4	0	0	0	0
22-Nov-11	1100	34.3	227	SW	64.8	2.3	0.5	0	0	0	0
22-Nov-11	1200	28.9	240	WSW	59.9	1.8	0.5	0	0	0	0
22-Nov-11	1300	41.8	231	SW	67.9	6.9	3.6	1.2	0	0	0
22-Nov-11	1400	39.0	226	SW	67.9	2.6	0.8	0.7	0	0	0
22-Nov-11	1500	34.6	205	SSW	68.4	1.7	0.5	0	0	0	0
22-Nov-11	1600	24.4	192	SSW	60.2	1.3	0.4	0	0	0	0
22-Nov-11	1700	22.0	191	S	58.0	1.6	0.5	0	0	0	0
22-Nov-11	1800	20.1	197	SSW	55.6	1.8	1.6	0	0	0	0
22-Nov-11	1900	14.3	231	SW	50.7	0.9	0.6	0	0	0	0
22-Nov-11	2000	16.0	235	SW	48.6	1.9	1.4	0	0	0	0
22-Nov-11	2100	19.3	248	WSW	48.3	1.9	1.7	0	0	0	0
22-Nov-11	2200	19.4	259	WSW	48.9	0.7	0.5	0	0	0	0
22-Nov-11	2300	16.9	262	W	47.7	0.9	0.7	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											
22-Nov-11	2400	13.4	248	WSW	44.2	0.8	0.6	0	0	0	0
23-Nov-11	100	12.0	243	WSW	44.0	1.0	0.5	0	0	0	0
23-Nov-11	200	4.7	208	SSW	44.0	1.7	0.6	0	0	0	0
23-Nov-11	300	3.4	57	ENE	44.2	2.9	1.6	0	0	0	0
23-Nov-11	400	6.8	57	ENE	45.3	4.4	2.1	0	0	0	0
23-Nov-11	500	6.1	65	ENE	46.2	9.9	4.5	0	0	0	0
23-Nov-11	600	4.8	351	N	50.9	21.0	11.0	0	0	0	0
23-Nov-11	700	5.3	330	NNW	55.8	12.4	8.1	0	0	0	0
23-Nov-11	800	6.0	102	ESE	57.8	33.1	7.9	0	0	0	0
23-Nov-11	900	8.6	182	S	58.1	12.4	4.1	0	0	0	0
23-Nov-11	1000	11.5	213	SSW	55.5	5.3	2.2	0	0	0	0
23-Nov-11	1100	21.2	217	SW	58.8	2.3	1.0	0	0	0	0
23-Nov-11	1200	35.5	227	SW	65.8	5.1	1.1	0	0	0	0
23-Nov-11	1300	45.0	228	SW	70.7	8.5	2.1	0	0	0	0
23-Nov-11	1400	35.9	234	SW	64.5	3.3	1.1	0	0	0	0
23-Nov-11	1500	30.0	235	SW	60.8	3.0	1.5	0	0	0	0
23-Nov-11	1600	30.6	238	WSW	60.1	1.7	0.8	0	0	0	0
23-Nov-11	1700	23.2	246	WSW	55.0	1.3	0.4	0	0	0	0
23-Nov-11	1800	24.4	237	WSW	54.9	0.9	0.5	0	0	0	0
23-Nov-11	1900	25.1	227	SW	55.5	1.0	0.4	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											
23-Nov-11	2000	23.4	224	SW	54.6	1.3	1.1	0	0	0	0
23-Nov-11	2100	16.1	304	NW	50.4	3.8	2.0	0	0	0	0
23-Nov-11	2200	16.3	338	NNW	50.2	9.2	4.8	0	0	0	0
23-Nov-11	2300	16.6	349	N	48.8	2.2	0.8	0	0	0	0
23-Nov-11	2400	17.9	342	NNW	47.3	1.6	0.6	0	0	0	0
24-Nov-11	100	11.8	356	N	41.9	1.9	0.6	0	0	0	0
24-Nov-11	200	6.5	291	WNW	43.2	0.8	0.4	0	0	0	0
24-Nov-11	300	6.3	285	WNW	44.5	3.2	1.2	0	0	0	0
24-Nov-11	400	8.4	315	NW	44.8	1.9	1.4	0	0	0	0
24-Nov-11	500	13.1	318	NW	45.1	3.9	3.0	0	0	0	0
24-Nov-11	600	15.1	329	NNW	48.9	13.7	10.4	0	0	0	0
24-Nov-11	700	13.1	312	NW	53.1	18.5	16.0	0	0	0	0
24-Nov-11	800	9.8	313	NW	55.7	20.8	13.5	0	0	0	0
24-Nov-11	900	8.2	207	SSW	57.3	31.8	9.8	0	0	0	0
24-Nov-11	1000	7.5	190	S	57.3	12.2	3.6	0	0	0	0
24-Nov-11	1100	8.6	154	SSE	58.0	30.5	8.2	0	0	0	0
24-Nov-11	1200	17.7	155	SSE	56.6	25.3	15.3	0	0	0	0
24-Nov-11	1300	17.7	163	SSE	56.7	24.3	12.2	0	0	0	0
24-Nov-11	1400	18.9	165	SSE	56.8	32.0	10.3	0	0	0	0
24-Nov-11	1500	13.8	156	SSE	55.4	28.6	11.1	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											
24-Nov-11	1600	9.8	138	SE	56.4	38.0	17.8	0	0	0	0
24-Nov-11	1700	9.1	151	SSE	55.9	31.1	11.9	0	0	0	0
24-Nov-11	1800	11.8	165	SSE	52.6	21.1	8.4	0	0	0	0
24-Nov-11	1900	11.5	189	S	50.0	17.0	11.0	0	0	0	0
24-Nov-11	2000	6.8	174	S	48.0	6.2	2.9	0	0	0	0
24-Nov-11	2100	8.9	170	S	47.2	10.2	4.2	0	0	0	0
24-Nov-11	2200	9.7	198	SSW	46.5	3.6	1.7	0	0	0	0
24-Nov-11	2300	10.8	197	SSW	46.0	8.5	7.1	0	0	0	0
24-Nov-11	2400	11.3	203	SSW	45.2	12.4	7.9	0	0	0	0
25-Nov-11	100	10.5	210	SSW	42.3	12.8	5.1	0	0	0	0
25-Nov-11	200	16.9	243	WSW	44.7	1.7	0.8	0	0	0	0
25-Nov-11	300	18.3	241	WSW	45.3	1.1	0.8	0	0	0	0
25-Nov-11	400	23.4	218	SW	56.2	1.0	0.7	0	0	0	0
25-Nov-11	500	20.4	212	SSW	52.9	1.0	0.4	0	0	0	0
25-Nov-11	600	16.6	218	SW	48.8	1.4	0.9	0	0	0	0
25-Nov-11	700	10.9	242	WSW	49.7	1.0	0.6	0	0	0	0
25-Nov-11	800	10.3	243	WSW	51.2	2.4	2.3	0	0	0	0
25-Nov-11	900	10.8	251	WSW	53.5	1.5	1.2	0	0	0	0
25-Nov-11	1000	11.7	259	W	50.9	3.1	1.8	0	0	0	0
25-Nov-11	1100	17.2	275	W	50.4	1.8	0.4	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											
25-Nov-11	1200	16.1	271	W	49.5	1.6	1.1	0	0	0	0
25-Nov-11	1300	16.7	276	W	49.4	0.7	0.4	0	0	0	0
25-Nov-11	1400	21.7	287	WNW	52.8	2.6	1.8	0	0	0	0
25-Nov-11	1500	20.2	273	W	51.8	1.3	0.4	0	0	0	0
25-Nov-11	1600	27.3	284	WNW	58.9	1.1	0.4	0	0	0	0
25-Nov-11	1700	28.2	287	WNW	60.3	1.6	0.7	0	0	0	0
25-Nov-11	1800	20.3	276	W	50.7	0.9	0.7	0	0	0	0
25-Nov-11	1900	18.6	266	W	49.7	2.0	1.6	0	0	0	0
25-Nov-11	2000	24.5	272	W	54.5	3.8	2.8	0	0	0	0
25-Nov-11	2100	27.3	268	W	58.1	1.6	0.5	0	0	0	0
25-Nov-11	2200	23.6	263	W	53.4	1.2	0.7	0	0	0	0
25-Nov-11	2300	21.0	263	W	50.6	1.0	0.8	0	0	0	0
25-Nov-11	2400	19.4	253	WSW	47.0	0.8	0.4	0	0	0	0
26-Nov-11	100	21.8	264	W	50.0	1.0	0.5	0	0	0	0
26-Nov-11	200	21.0	265	W	49.5	0.9	0.6	0	0	0	0
26-Nov-11	300	16.9	243	WSW	44.0	1.4	0.6	0	0	0	0
26-Nov-11	400	14.8	229	SW	42.7	0.8	0.5	0	0	0	0
26-Nov-11	500	14.5	217	SW	43.9	1.6	0.8	0	0	0	0
26-Nov-11	600	14.0	219	SW	45.9	0.8	0.4	0	0	0	0
26-Nov-11	700	12.9	234	SW	46.9	0.8	0.4	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
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											
26-Nov-11	800	11.3	201	SSW	49.2	1.2	0.4	0	0	0	0
26-Nov-11	900	11.9	193	SSW	50.8	3.6	0.9	0	0	0	0
26-Nov-11	1000	8.4	188	S	51.4	9.8	2.3	0	0	0	0
26-Nov-11	1100	14.8	213	SSW	51.9	2.8	2.1	0	0	0	0
26-Nov-11	1200	14.4	190	S	51.8	1.6	0.4	0	0	0	0
26-Nov-11	1300	14.5	183	S	51.8	4.1	0.8	0	0	0	0
26-Nov-11	1400	14.1	180	S	53.4	3.2	0.6	0	0	0	0
26-Nov-11	1500	13.6	193	SSW	53.7	2.3	0.7	0	0	0	0
26-Nov-11	1600	17.0	236	SW	49.8	2.1	0.7	0	0	0	0
26-Nov-11	1700	10.5	235	SW	48.9	1.5	0.9	0	0	0	0
26-Nov-11	1800	8.0	213	SSW	48.6	3.9	1.8	0	0	0	0
26-Nov-11	1900	8.3	175	S	48.2	7.6	2.2	0	0	0	0
26-Nov-11	2000	9.1	167	SSE	47.0	8.5	2.1	0	0	0	0
26-Nov-11	2100	10.6	184	S	47.7	12.0	9.8	0	0	0	0
26-Nov-11	2200	12.1	186	S	47.3	3.5	3.0	0	0	0	0
26-Nov-11	2300	12.0	216	SW	47.2	2.2	0.8	0	0	0	0
26-Nov-11	2400	11.3	162	SSE	45.3	1.1	0.6	0	0	0	0
27-Nov-11	100	16.6	178	S	50.5	1.4	0.5	0	0	0	0
27-Nov-11	200	12.3	174	S	45.7	1.4	0.7	0	0	0	0
27-Nov-11	300	9.8	162	SSE	45.1	1.3	0.9	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											
27-Nov-11	400	8.8	150	SSE	43.6	1.4	0.4	0	0	0	0
27-Nov-11	500	9.7	183	S	44.4	1.0	0.4	0	0	0	0
27-Nov-11	600	7.4	137	SE	43.7	2.0	1.7	0	0	0	0
27-Nov-11	700	6.3	4	N	47.0	1.2	0.7	0	0	0	0
27-Nov-11	800	15.3	222	SW	48.7	1.7	0.4	0	0	0	0
27-Nov-11	900	25.2	237	WSW	53.3	1.9	1.3	0	0	0	0
27-Nov-11	1000	34.5	221	SW	65.6	4.1	2.5	0	0	0	0
27-Nov-11	1100	34.2	239	WSW	61.6	2.0	0.5	0	0	0	0
27-Nov-11	1200	41.9	241	WSW	68.8	12.1	2.1	5	0	0	0
27-Nov-11	1300	55.3	237	WSW	74.7	46.5	8.6	2.4	0	0	0
27-Nov-11	1400	47.1	235	SW	71.2	14.2	5.0	0	0	0	0
27-Nov-11	1500	41.5	233	SW	67.5	2.2	0.5	0	0	0	0
27-Nov-11	1600	37.7	232	SW	64.8	2.3	0.6	0	0	0	0
27-Nov-11	1700	29.3	228	SW	58.4	1.7	1.2	0	0	0	0
27-Nov-11	1800	21.6	207	SSW	55.8	1.0	0.4	0	0	0	0
27-Nov-11	1900	21.1	207	SSW	55.8	2.1	1.4	0	0	0	0
27-Nov-11	2000	21.9	217	SW	57.9	2.0	1.4	0	0	0	0
27-Nov-11	2100	22.2	336	NNW	58.0	2.2	1.5	0	0	0	0
27-Nov-11	2200	27.7	359	N	57.2	2.8	1.4	0	0	0	0
27-Nov-11	2300	20.8	353	N	52.0	1.0	0.6	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											
27-Nov-11	2400	10.2	347	NNW	44.4	0.9	0.6	0	0	0	0
28-Nov-11	100	4.7	250	WSW	43.1	1.0	0.7	0	0	0	0
28-Nov-11	200	7.3	225	SW	43.5	1.2	0.8	0	0	0	0
28-Nov-11	300	6.8	252	WSW	43.7	2.0	0.5	0	0	0	0
28-Nov-11	400	7.7	272	W	43.5	2.5	1.3	0	0	0	0
28-Nov-11	500	4.9	319	NW	44.6	2.5	1.9	0	0	0	0
28-Nov-11	600	3.5	346	NNW	48.0	1.4	1.0	0	0	0	0
28-Nov-11	700	4.9	92	E	51.2	10.7	4.9	0	0	0	0