

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											
18-Jun-12	800	16.0	4	N	57.1	14.4	9.67	0	0	0	0
18-Jun-12	900	15.5	4	N	56.7	8.0	3.629	0	0	0	0
18-Jun-12	1000	12.0	8	N	56.0	4.2	3.543	0	0	0	0
18-Jun-12	1100	7.1	42	NE	57.6	10.8	9.5	0	0	0	0
18-Jun-12	1200	7.1	231	SW	55.6	1.3	0.538	0	0	0	0
18-Jun-12	1300	16.1	277	W	55.0	3.0	1.896	0.8	0	0	0
18-Jun-12	1400	7.8	268	W	57.0	1.8	0.713	0.3	0	0	0
18-Jun-12	1500	6.7	229	SW	54.9	1.5	0.915	0	0	0	0
18-Jun-12	1600	8.1	62	ENE	56.3	8.5	8.1	0	0	0	0
18-Jun-12	1700	12.0	26	NNE	52.8	4.9	3.937	0	0	0	0
18-Jun-12	1800	14.1	339	NNW	51.0	7.9	5.744	0	0	0	0
18-Jun-12	1900	7.4	176	S	51.9	3.9	2.671	0	0	0	0
18-Jun-12	2000	14.2	238	WSW	49.1	1.4	0.575	0	0	0	0
18-Jun-12	2100	10.6	254	WSW	52.9	1.5	0.851	0	0	0	0
18-Jun-12	2200	10.8	269	W	55.0	2.8	2.789	0	0	0	0
18-Jun-12	2300	11.7	285	WNW	54.5	4.0	3.916	0	0	0	0
18-Jun-12	2400	12.1	311	NW	55.3	21.2	17.06	0	0	0	0
19-Jun-12	100	15.4	319	NW	55.0	31.0	25.84	0	0	0	0
19-Jun-12	200	20.4	318	NW	55.6	13.7	7.38	0	0	0	0
19-Jun-12	300	22.1	323	NW	54.9	35.0	16.2	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											
18-Jun-12	800	16.0	4	N	57.1	14.4	9.67	0	0	0	0
19-Jun-12	400	22.7	330	NNW	55.8	4.4	1.943	0	0	0	0
19-Jun-12	500	18.4	335	NNW	53.7	2.9	2.174	0	0	0	0
19-Jun-12	600	19.0	332	NNW	55.4	5.6	3.988	0	0	0	0
19-Jun-12	700	16.7	336	NNW	56.9	3.9	2.376	0	0	0	0
19-Jun-12	800	15.6	341	NNW	56.7	3.8	1.944	0	0	0	0
19-Jun-12	900	21.1	344	NNW	57.9	5.2	1.986	0	0	0	0
19-Jun-12	1000	24.6	339	NNW	60.5	9.1	4.849	0	0	0	0
19-Jun-12	1100	23.6	335	NNW	58.6	23.7	14.49	0	0	0	0
19-Jun-12	1200	24.0	354	N	59.1	7.3	1.695	0	0	0	0
19-Jun-12	1300	24.0	352	N	59.0	38.4	12.33	0	0	0	0
19-Jun-12	1400	25.9	359	N	59.6	55.2	22.32	0	0	0	0
19-Jun-12	1500	20.8	359	N	57.1	9.0	3.859	0	0	0	0
19-Jun-12	1600	20.0	355	N	54.9	2.3	0.844	0	0	0	0
19-Jun-12	1700	16.6	318	NW	54.7	3.5	2.403	0.9	0	0	0
19-Jun-12	1800	16.2	334	NNW	54.9	1.2	0.486	0.1	0	0	0
19-Jun-12	1900	22.2	331	NNW	56.1	5.9	3.516	0	0	0	0
19-Jun-12	2000	19.4	317	NW	53.1	20.4	15.87	0	0	0	0
19-Jun-12	2100	18.1	323	NW	55.8	21.2	18.59	0	0	0	0
19-Jun-12	2200	13.2	313	NW	52.8	31.8	15.8	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											
18-Jun-12	800	16.0	4	N	57.1	14.4	9.67	0	0	0	0
19-Jun-12	2300	14.3	319	NW	53.8	36.5	20.32	0	0	0	0
19-Jun-12	2400	15.4	318	NW	54.0	19.6	14.37	0	0	0	0
20-Jun-12	100	16.6	316	NW	53.9	39.3	21.63	0	0	0	0
20-Jun-12	200	16.5	314	NW	53.5	12.4	9.22	0	0	0	0
20-Jun-12	300	20.1	318	NW	53.8	24.7	18.09	0	0	0	0
20-Jun-12	400	17.4	313	NW	54.2	5.8	4.377	0	0	0	0
20-Jun-12	500	19.9	318	NW	53.0	10.6	7.61	0	0	0	0
20-Jun-12	600	20.8	325	NW	56.7	28.9	16.43	0	0	0	0
20-Jun-12	700	17.4	324	NW	56.5	34.5	13.09	0	0	0	0
20-Jun-12	800	16.9	326	NW	57.4	10.2	2.664	0	0	0	0
20-Jun-12	900	16.8	337	NNW	55.9	9.6	3.196	0	0	0	0
20-Jun-12	1000	13.3	335	NNW	54.5	24.1	16	0	0	0	0
20-Jun-12	1100	11.7	358	N	55.8	22.9	5.46	0	0	0	0
20-Jun-12	1200	8.8	308	NW	54.2	10.7	2.478	0	0	0	0
20-Jun-12	1300	4.4	102	ESE	56.1	16.0	14.86	0	0	0	0
20-Jun-12	1400	10.2	277	W	55.4	17.5	16.62	0	0	0	0
20-Jun-12	1500	8.0	183	S	55.8	3.6	1.578	0	0	0	0
20-Jun-12	1600	9.1	252	WSW	53.5	10.0	8.24	0	0	0	0
20-Jun-12	1700	5.0	268	W	51.2	7.9	5.235	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											
18-Jun-12	800	16.0	4	N	57.1	14.4	9.67	0	0	0	0
20-Jun-12	1800	5.3	248	WSW	51.7	3.9	1.592	0	0	0	0
20-Jun-12	1900	5.3	297	WNW	49.7	1.7	0.345	0	0	0	0
20-Jun-12	2000	7.2	238	WSW	50.6	1.8	0.397	0	0	0	0
20-Jun-12	2100	6.7	209	SSW	50.2	2.4	0.616	0	0	0	0
20-Jun-12	2200	4.9	201	SSW	49.9	4.8	3.84	0	0	0	0
20-Jun-12	2300	5.7	196	SSW	50.8	5.8	4.636	0	0	0	0
20-Jun-12	2400	5.2	177	S	50.1	13.0	10.72	0	0	0	0
21-Jun-12	100	4.8	172	S	48.4	10.0	9.53	0	0	0	0
21-Jun-12	200	4.5	198	SSW	49.6	6.7	3.693	0	0	0	0
21-Jun-12	300	5.0	233	SW	51.5	4.2	1.777	0	0	0	0
21-Jun-12	400	5.6	266	W	53.3	2.2	0.729	0	0	0	0
21-Jun-12	500	5.1	290	WNW	54.2	5.1	4.097	0	0	0	0
21-Jun-12	600	5.3	324	NW	58.9	17.2	9.06	0	0	0	0
21-Jun-12	700	3.8	324	NW	58.1	1.9	0.638	0	0	0	0
21-Jun-12	800	4.2	11	NNE	57.6	13.6	3.02	0	0	0	0
21-Jun-12	900	9.3	162	SSE	56.6	7.9	5.056	0	0	0	0
21-Jun-12	1000	12.0	160	SSE	56.7	7.1	3.689	0	0	0	0
21-Jun-12	1100	13.1	135	SE	57.0	6.4	1.975	0	0	0	0
21-Jun-12	1200	13.7	134	SE	57.0	4.6	0.976	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-Jun-12	800	16.0	4	N	57.1	14.4	9.67	0	0	0	0
21-Jun-12	1300	16.3	121	ESE	57.1	21.5	17.03	0	0	0	0
21-Jun-12	1400	16.9	111	ESE	56.9	22.8	5.567	0	0	0	0
21-Jun-12	1500	17.3	135	SE	56.9	2.2	0.652	0	0	0	0
21-Jun-12	1600	17.5	128	SE	55.5	1.2	0.461	0	0	0	0
21-Jun-12	1700	18.9	134	SE	54.3	1.3	0.411	0	0	0	0
21-Jun-12	1800	20.1	136	SE	53.6	1.3	0.403	0	0	0	0
21-Jun-12	1900	19.4	153	SSE	52.9	1.8	0.423	0	0	0	0
21-Jun-12	2000	18.3	161	SSE	52.3	2.9	1.067	0	0	0	0
21-Jun-12	2100	15.3	152	SSE	49.9	6.3	4.163	0	0	0	0
21-Jun-12	2200	14.3	149	SSE	50.5	15.2	8.36	0	0	0	0
21-Jun-12	2300	16.3	154	SSE	49.9	9.5	4.075	0	0	0	0
21-Jun-12	2400	15.3	159	SSE	48.2	0.8	0.736	0	0	0	0
22-Jun-12	100	11.3	156	SSE	45.9	1.0	0.576	0	0	0	0
22-Jun-12	200	12.0	157	SSE	45.9	3.6	1.309	0	0	0	0
22-Jun-12	300	11.7	163	SSE	45.3	10.8	9.46	0	0	0	0
22-Jun-12	400	11.5	161	SSE	46.7	11.6	7.86	0	0	0	0
22-Jun-12	500	13.0	161	SSE	50.3	12.2	11.2	0	0	0	0
22-Jun-12	600	10.8	162	SSE	55.5	16.3	11.84	0	0	0	0
22-Jun-12	700	10.1	114	ESE	56.5	57.6	12.37	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											
18-Jun-12	800	16.0	4	N	57.1	14.4	9.67	0	0	0	0
22-Jun-12	800	11.0	115	ESE	57.2	36.8	9.06	0	0	0	0
22-Jun-12	900	13.7	125	SE	56.5	7.1	2.607	0	0	0	0
22-Jun-12	1000	19.7	163	SSE	58.0	25.3	9.04	0	0	0	0
22-Jun-12	1100	19.4	156	SSE	57.8	24.1	11.92	0	0	0	0
22-Jun-12	1200	19.1	145	SE	57.9	19.6	8.9	0	0	0	0
22-Jun-12	1300	20.2	136	SE	58.1	29.2	7.69	0	0	0	0
22-Jun-12	1400	19.0	134	SE	57.2	28.5	8.1	0	0	0	0
22-Jun-12	1500	20.7	131	SE	57.6	28.1	8.71	0	0	0	0
22-Jun-12	1600	21.7	128	SE	56.3	12.4	2.968	0	0	0	0
22-Jun-12	1700	19.4	134	SE	56.7	20.6	7.09	0	0	0	0
22-Jun-12	1800	15.9	143	SE	57.2	12.1	4.39	1.2	0	0	0
22-Jun-12	1900	11.4	204	SSW	51.0	4.5	2.172	0.2	0	0	0
22-Jun-12	2000	11.3	223	SW	50.7	13.4	7.36	0.4	0	0	0
22-Jun-12	2100	12.2	202	SSW	51.4	6.3	5.696	0.2	0	0	0
22-Jun-12	2200	7.0	168	SSE	50.3	6.2	3.817	0	0	0	0
22-Jun-12	2300	5.1	63	ENE	49.3	20.7	8.57	0	0	0	0
22-Jun-12	2400	5.4	62	ENE	48.9	24.9	12.16	0	0	0	0
23-Jun-12	100	7.1	70	ENE	47.1	26.0	10.37	0	0	0	0
23-Jun-12	200	7.5	90	E	48.2	22.6	10.56	0.1	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-Jun-12	800	16.0	4	N	57.1	14.4	9.67	0	0	0	0
23-Jun-12	300	3.3	121	ESE	45.6	23.9	8	0.2	0	0	0
23-Jun-12	400	7.2	17	NNE	47.7	27.3	8.2	0	0	0	0
23-Jun-12	500	5.3	37	NE	50.4	30.5	13.83	0	0	0	0
23-Jun-12	600	4.9	355	N	54.5	38.2	16.7	0.5	0	0	0
23-Jun-12	700	5.7	35	NE	56.6	35.2	13.52	3.5	0	0	0
23-Jun-12	800	6.9	61	ENE	56.7	37.4	10.34	2.7	0	0	0
23-Jun-12	900	7.9	38	NE	55.0	11.9	3.307	0	0	0	0
23-Jun-12	1000	4.9	58	ENE	53.6	14.2	5.824	0	0	0	0
23-Jun-12	1100	6.9	63	ENE	53.0	20.4	11.86	0	0	0	0
23-Jun-12	1200	13.0	103	ESE	52.5	34.8	14.17	0	0	0	0
23-Jun-12	1300	16.9	112	ESE	53.4	43.7	13.43	0	0	0	0
23-Jun-12	1400	18.7	114	ESE	53.4	43.5	20.21	0.1	0	0	0
23-Jun-12	1500	14.3	114	ESE	53.2	28.4	8.88	0	0	0	0
23-Jun-12	1600	12.1	157	SSE	52.1	22.9	10.05	0.7	0	0	0
23-Jun-12	1700	9.5	232	SW	51.4	17.5	5.96	1.2	0	0	0
23-Jun-12	1800	9.1	283	WNW	52.7	32.0	18.74	1.2	0	0	0
23-Jun-12	1900	4.3	356	N	51.0	19.3	8.31	0.6	0	0	0
23-Jun-12	2000	7.9	292	WNW	50.3	18.6	4.866	0.3	0	0	0
23-Jun-12	2100	10.1	278	W	52.2	20.1	6.721	1.2	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-Jun-12	800	16.0	4	N	57.1	14.4	9.67	0	0	0	0
23-Jun-12	2200	12.8	285	WNW	51.4	14.0	5.909	0.5	0	0	0
23-Jun-12	2300	4.5	180	S	51.3	11.9	6.241	2.6	0	0	0
23-Jun-12	2400	5.9	59	ENE	51.7	18.4	7.33	5.6	0	0	0
24-Jun-12	100	8.8	14	NNE	48.7	15.1	6.634	1.6	0	0	0
24-Jun-12	200	8.3	49	NE	44.9	14.3	6.167	0.1	0	0	0
24-Jun-12	300	5.5	53	NE	45.6	13.8	8.51	0	0	0	0
24-Jun-12	400	4.6	44	NE	46.4	16.1	8.92	0	0	0	0
24-Jun-12	500	6.1	49	NE	46.8	15.6	4.614	0.1	0	0	0
24-Jun-12	600	6.3	69	ENE	48.1	16.9	9.33	0	0	0	0
24-Jun-12	700	7.6	93	E	49.0	25.6	12.13	0	0	0	0
24-Jun-12	800	8.1	109	ESE	49.9	26.6	10.31	0	0	0	0
24-Jun-12	900	8.4	149	SSE	48.8	17.5	5.293	0	0	0	0
24-Jun-12	1000	10.3	142	SE	50.2	22.3	5.184	0	0	0	0
24-Jun-12	1100	13.3	158	SSE	53.4	29.2	8.25	1.8	0	0	0
24-Jun-12	1200	11.1	175	S	52.8	29.6	8.47	1.6	0	0	0
24-Jun-12	1300	13.5	171	S	51.3	27.3	16.23	0.1	0	0	0
24-Jun-12	1400	15.7	158	SSE	51.3	14.4	4.691	0	0	0	0
24-Jun-12	1500	16.3	162	SSE	51.6	33.7	12.65	0	0	0	0
24-Jun-12	1600	10.6	190	S	49.2	42.7	18.18	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-Jun-12	800	16.0	4	N	57.1	14.4	9.67	0	0	0	0
24-Jun-12	1700	5.9	158	SSE	50.3	39.3	12.27	0	0	0	0
24-Jun-12	1800	9.7	173	S	49.3	34.7	15.87	0	0	0	0
24-Jun-12	1900	9.4	186	S	49.5	33.4	8.85	0	0	0	0
24-Jun-12	2000	9.8	180	S	49.5	25.7	7.53	0	0	0	0
24-Jun-12	2100	12.4	178	S	48.9	42.5	20.14	0	0	0	0
24-Jun-12	2200	14.5	184	S	50.7	45.6	17.67	0	0	0	0
24-Jun-12	2300	15.1	178	S	49.7	34.8	10.38	0	0	0	0
24-Jun-12	2400	13.6	197	SSW	49.0	34.6	10.6	0	0	0	0
25-Jun-12	100	12.6	221	SW	49.5	37.8	21.06	0	0	0	0
25-Jun-12	200	10.3	231	SW	51.7	24.9	6.482	0	0	0	0
25-Jun-12	300	9.9	255	WSW	50.1	24.5	12.72	0	0	0	0
25-Jun-12	400	9.4	253	WSW	49.8	24.4	14.99	0	0	0	0
25-Jun-12	500	11.8	255	WSW	53.1	16.8	10.63	0	0	0	0
25-Jun-12	600	12.8	269	W	57.4	14.7	13.8	0	0	0	0
25-Jun-12	700	13.0	280	W	57.8	10.8	8.9	0	0	0	0