

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-Apr-12	800	6.6	222	SW	56.0	23.9	4.0	0	0	0	0
23-Apr-12	900	13.0	193	SSW	54.0	14.7	3.7	0	0	0	0
23-Apr-12	1000	15.0	209	SSW	53.6	3.6	0.9	0	0	0	0
23-Apr-12	1100	11.2	194	SSW	52.9	4.4	1.0	0	0	0	0
23-Apr-12	1200	12.9	162	SSE	53.4	6.4	1.5	0	0	0	0
23-Apr-12	1300	13.4	173	S	53.5	8.1	1.7	0	0	0	0
23-Apr-12	1400	20.1	257	WSW	56.2	1.3	0.6	0	0	0	0
23-Apr-12	1500	28.6	267	W	58.6	0.7	0.5	0	0	0	0
23-Apr-12	1600	29.4	270	W	58.8	2.9	0.5	0	0	0	0
23-Apr-12	1700	24.1	269	W	55.0	1.7	0.6	0	0	0	0
23-Apr-12	1800	24.0	251	WSW	55.1	3.9	0.8	0	0	0	0
23-Apr-12	1900	23.1	260	W	54.3	6.5	4.9	0	0	0	0
23-Apr-12	2000	10.8	294	WNW	53.4	10.3	6.1	0	0	0	0
23-Apr-12	2100	10.2	282	WNW	52.3	27.2	11.0	0	0	0	0
23-Apr-12	2200	10.3	300	WNW	52.9	32.8	9.3	0	0	0	0
23-Apr-12	2300	7.1	315	NW	55.5	89.0	18.7	0	0	0	0
23-Apr-12	2400	10.8	260	W	52.5	10.9	7.7	0	0	0	0
24-Apr-12	100	10.5	264	W	49.8	14.7	13.0	0	0	0	0
24-Apr-12	200	18.0	303	WNW	54.1	24.0	23.9	0	0	0	0
24-Apr-12	300	18.1	334	NNW	55.5	30.6	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											
24-Apr-12	400	17.9	335	NNW	54.9	39.6	15.1	0	0	0	0
24-Apr-12	500	12.9	350	NNW	52.3	25.9	7.9	0	0	0	0
24-Apr-12	600	14.4	354	NNW	56.9	32.1	6.8	0	0	0	0
24-Apr-12	700	16.1	340	NNW	57.3	48.1	27.8	0	0	0	0
24-Apr-12	800	18.3	335	NNW	56.7	41.4	7.2	0	0	0	0
24-Apr-12	900	16.4	351	NNW	55.0	31.6	8.1	0	0	0	0
24-Apr-12	1000	17.4	3	N	56.9	33.7	7.8	0	0	0	0
24-Apr-12	1100	14.1	24	NNE	54.4	45.3	12.3	0	0	0	0
24-Apr-12	1200	12.1	35	NE	54.3	53.2	9.1	0	0	0	0
24-Apr-12	1300	14.5	43	NE	55.8	48.4	8.3	0	0	0	0
24-Apr-12	1400	15.3	43	NE	55.7	20.1	3.3	0	0	0	0
24-Apr-12	1500	16.6	44	NE	55.0	54.2	8.5	0	0	0	0
24-Apr-12	1600	26.0	13	NNE	58.5	46.0	9.2	0.6	0	0	0
24-Apr-12	1700	16.6	341	NNW	56.4	33.0	21.2	0.4	0	0	0
24-Apr-12	1800	6.2	335	NNW	52.9	16.0	6.3	0.2	0	0	0
24-Apr-12	1900	5.0	14	NNE	52.2	41.0	21.0	0	0	0	0
24-Apr-12	2000	7.5	61	ENE	53.9	28.2	9.7	0	0	0	0
24-Apr-12	2100	8.7	49	NE	51.5	38.4	13.0	0	0	0	0
24-Apr-12	2200	7.7	56	NE	51.2	45.0	17.4	0	0	0	0
24-Apr-12	2300	8.8	89	E	48.3	N/A	N/A	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											
24-Apr-12	2400	8.3	82	E	47.3	N/A	N/A	0	0	0	0
25-Apr-12	100	8.3	83	E	46.8	N/A	N/A	0	0	0	0
25-Apr-12	200	10.1	89	E	46.0	N/A	N/A	0	0	0	0
25-Apr-12	300	11.0	104	ESE	47.1	N/A	N/A	0.1	0	0	0
25-Apr-12	400	7.8	116	ESE	48.3	6.5	5.2	0	0	0	0
25-Apr-12	500	9.3	144	SE	51.2	4.9	4.4	0	0	0	0
25-Apr-12	600	9.4	154	SSE	53.4	3.5	3.5	0	0	0	0
25-Apr-12	700	10.7	159	SSE	53.9	2.9	2.9	0	0	0	0
25-Apr-12	800	11.4	171	S	54.6	5.3	4.3	0	0	0	0
25-Apr-12	900	9.8	185	S	53.7	28.1	5.4	0	0	0	0
25-Apr-12	1000	9.8	178	S	54.1	106.2	18.1	0	0	0	0
25-Apr-12	1100	10.6	188	S	55.4	133.9	40.6	0	0	0	0
25-Apr-12	1200	11.2	185	S	55.5	135.4	38.5	0	0	0	0
25-Apr-12	1300	14.8	192	SSW	53.9	137.1	59.7	0	0	0	0
25-Apr-12	1400	14.2	181	S	54.6	86.4	30.7	0	0	0	0
25-Apr-12	1500	15.2	179	S	55.1	34.9	13.8	0	0	0	0
25-Apr-12	1600	13.7	229	SW	52.5	19.3	5.9	0	0	0	0
25-Apr-12	1700	14.9	244	WSW	50.5	7.7	2.9	0	0	0	0
25-Apr-12	1800	6.6	270	W	49.0	5.4	3.5	0	0	0	0
25-Apr-12	1900	16.8	80	E	52.6	25.8	5.5	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-Apr-12	2000	18.7	94	E	52.2	49.9	11.2	0	0	0	0
25-Apr-12	2100	15.4	99	E	50.7	41.5	9.1	0	0	0	0
25-Apr-12	2200	14.4	106	ESE	54.6	44.5	9.8	0	0	0	0
25-Apr-12	2300	16.0	110	ESE	51.7	78.0	16.2	0	0	0	0
25-Apr-12	2400	14.7	114	ESE	49.9	45.0	11.1	0	0	0	0
26-Apr-12	100	12.5	114	ESE	46.7	29.2	11.7	0	0	0	0
26-Apr-12	200	14.3	119	ESE	47.2	23.2	12.8	0	0	0	0
26-Apr-12	300	12.6	128	SE	46.8	28.5	6.4	0	0	0	0
26-Apr-12	400	13.0	141	SE	46.4	26.5	6.0	0	0	0	0
26-Apr-12	500	9.3	90	E	48.5	39.0	7.0	0	0	0	0
26-Apr-12	600	10.1	114	ESE	52.3	15.6	3.7	0	0	0	0
26-Apr-12	700	11.4	100	E	52.8	2.8	2.2	0	0	0	0
26-Apr-12	800	12.6	107	ESE	54.9	5.4	3.4	0	0	0	0
26-Apr-12	900	10.2	90	E	52.7	2.9	2.8	0	0	0	0
26-Apr-12	1000	10.9	76	ENE	53.7	2.1	1.8	0	0	0	0
26-Apr-12	1100	12.3	80	E	53.2	2.4	1.8	0	0	0	0
26-Apr-12	1200	14.2	93	E	54.4	7.3	2.4	0.3	0	0	0
26-Apr-12	1300	12.8	110	ESE	54.3	7.5	2.9	0	0	0	0
26-Apr-12	1400	14.8	108	ESE	57.1	23.0	9.1	1	0	0	0
26-Apr-12	1500	14.1	114	ESE	56.2	12.8	4.0	0.3	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-Apr-12	1600	11.5	113	ESE	54.7	15.7	6.3	0.6	0	0	0
26-Apr-12	1700	13.8	90	E	53.4	40.2	10.5	0.2	0	0	0
26-Apr-12	1800	11.0	63	ENE	52.5	18.0	4.0	0.5	0	0	0
26-Apr-12	1900	11.0	43	NE	51.9	11.1	3.0	0.3	0	0	0
26-Apr-12	2000	11.4	19	NNE	49.9	9.5	2.0	0.7	0	0	0
26-Apr-12	2100	8.8	14	NNE	49.2	22.5	4.7	1.6	0	0	0
26-Apr-12	2200	12.2	52	NE	49.3	4.1	0.9	1.9	0	0	0
26-Apr-12	2300	11.1	63	ENE	45.0	9.7	2.5	0.9	0	0	0
26-Apr-12	2400	11.6	63	ENE	43.3	3.0	0.9	0.6	0	0	0
27-Apr-12	100	9.1	46	NE	42.1	4.1	1.9	0	0	0	0
27-Apr-12	200	7.1	39	NE	42.6	1.7	1.3	0	0	0	0
27-Apr-12	300	7.0	3	N	41.8	0.8	0.8	0.1	0	0	0
27-Apr-12	400	10.1	357	NNW	43.4	0.6	0.5	0	0	0	0
27-Apr-12	500	14.1	334	NNW	48.4	12.0	3.3	0	0	0	0
27-Apr-12	600	19.0	324	NW	52.3	38.6	15.2	0	0	0	0
27-Apr-12	700	25.0	325	NW	57.4	17.0	6.5	0.1	0	0	0
27-Apr-12	800	28.2	337	NNW	62.2	2.9	2.5	0.1	0	0	0
27-Apr-12	900	31.2	340	NNW	66.0	1.7	1.1	0	0	0	0
27-Apr-12	1000	30.9	340	NNW	65.5	1.9	0.9	0	0	0	0
27-Apr-12	1100	30.3	351	NNW	64.8	1.8	0.9	1.5	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											
27-Apr-12	1200	37.2	2	N	66.6	3.0	0.9	2.9	0	0	0
27-Apr-12	1300	34.5	357	NNW	66.7	2.6	1.6	3.8	0	0	0
27-Apr-12	1400	37.1	358	NNW	68.2	6.2	2.8	1.1	0	0	0
27-Apr-12	1500	32.6	360	NNW	64.1	8.8	7.3	0	0	0	0
27-Apr-12	1600	33.1	8	N	61.8	9.8	4.6	0	0	0	0
27-Apr-12	1700	30.9	8	N	60.6	6.3	5.0	0	0	0	0
27-Apr-12	1800	26.2	18	NNE	56.5	3.9	1.9	0	0	0	0
27-Apr-12	1900	16.0	16	NNE	54.0	2.2	0.5	0	0	0	0
27-Apr-12	2000	8.2	24	NNE	51.6	5.5	4.3	0	0	0	0
27-Apr-12	2100	8.0	9	N	49.0	9.0	6.7	0	0	0	0
27-Apr-12	2200	4.3	296	WNW	51.8	11.1	7.3	0	0	0	0
27-Apr-12	2300	6.5	258	WSW	51.9	6.1	3.4	0	0	0	0
27-Apr-12	2400	8.2	280	W	51.8	10.8	5.5	0	0	0	0
28-Apr-12	100	5.9	300	WNW	47.7	13.0	5.2	0	0	0	0
28-Apr-12	200	10.7	317	NW	49.1	12.0	4.7	0.1	0	0	0
28-Apr-12	300	13.1	313	NW	51.5	23.6	9.8	0.1	0	0	0
28-Apr-12	400	11.6	330	NNW	51.1	12.0	6.5	0	0	0	0
28-Apr-12	500	12.0	341	NNW	50.5	5.1	5.0	0	0	0	0
28-Apr-12	600	9.7	342	NNW	52.5	19.3	8.1	0	0	0	0
28-Apr-12	700	6.5	352	NNW	51.2	10.4	5.8	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											
28-Apr-12	800	9.0	356	NNW	52.0	7.2	3.2	0	0	0	0
28-Apr-12	900	9.4	335	NNW	55.2	11.1	2.2	0	0	0	0
28-Apr-12	1000	11.6	343	NNW	55.7	2.2	1.1	0	0	0	0
28-Apr-12	1100	12.5	337	NNW	54.5	5.0	2.2	0	0	0	0
28-Apr-12	1200	9.9	346	NNW	54.3	3.8	3.3	0	0	0	0
28-Apr-12	1300	7.5	260	W	53.4	1.7	0.4	0	0	0	0
28-Apr-12	1400	8.5	264	W	55.2	5.1	1.0	0	0	0	0
28-Apr-12	1500	7.9	238	WSW	52.7	2.4	0.5	0	0	0	0
28-Apr-12	1600	7.6	357	NNW	48.6	9.5	5.1	0	0	0	0
28-Apr-12	1700	7.9	119	ESE	48.5	3.7	2.7	0	0	0	0
28-Apr-12	1800	13.6	165	SSE	49.7	7.1	1.4	0	0	0	0
28-Apr-12	1900	15.1	154	SSE	48.9	2.4	0.8	0	0	0	0
28-Apr-12	2000	15.1	170	S	48.4	16.1	6.3	0	0	0	0
28-Apr-12	2100	11.9	171	S	46.9	23.2	16.5	0	0	0	0
28-Apr-12	2200	9.6	186	S	47.6	31.6	18.7	0	0	0	0
28-Apr-12	2300	17.9	174	S	51.1	31.6	14.6	0	0	0	0
28-Apr-12	2400	19.7	170	S	52.3	24.7	13.4	0	0	0	0
29-Apr-12	100	14.1	181	S	46.6	28.6	15.4	0	0	0	0
29-Apr-12	200	9.6	199	SSW	44.7	34.3	15.5	0	0	0	0
29-Apr-12	300	12.3	284	WNW	43.9	18.6	9.1	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											
29-Apr-12	400	22.1	327	NNW	50.7	3.8	1.9	0	0	0	0
29-Apr-12	500	19.7	336	NNW	49.5	2.1	0.8	0	0	0	0
29-Apr-12	600	15.5	340	NNW	48.3	1.8	0.5	0	0	0	0
29-Apr-12	700	16.3	325	NW	48.2	4.6	1.9	0	0	0	0
29-Apr-12	800	11.9	316	NW	46.3	3.5	1.7	0	0	0	0
29-Apr-12	900	11.4	351	NNW	51.8	1.2	0.5	0	0	0	0
29-Apr-12	1000	9.6	19	NNE	52.5	2.1	0.4	0	0	0	0
29-Apr-12	1100	8.5	46	NE	51.6	4.5	2.1	0	0	0	0
29-Apr-12	1200	8.1	119	ESE	51.0	3.3	1.5	0	0	0	0
29-Apr-12	1300	8.3	55	NE	51.5	2.1	0.4	0	0	0	0
29-Apr-12	1400	14.9	175	S	53.1	2.2	0.7	0	0	0	0
29-Apr-12	1500	18.4	31	NNE	53.8	4.4	1.6	0.3	0	0	0
29-Apr-12	1600	18.2	55	NE	51.0	5.3	3.7	0	0	0	0
29-Apr-12	1700	24.1	36	NE	56.4	2.2	0.8	0.1	0	0	0
29-Apr-12	1800	18.0	35	NE	50.8	3.2	2.4	0	0	0	0
29-Apr-12	1900	12.3	58	ENE	48.6	4.2	2.5	0	0	0	0
29-Apr-12	2000	5.7	89	E	48.2	6.4	4.1	0	0	0	0
29-Apr-12	2100	6.8	164	SSE	48.7	9.6	4.1	0	0	0	0
29-Apr-12	2200	10.1	183	S	48.1	16.0	6.4	0	0	0	0
29-Apr-12	2300	10.9	203	SSW	50.6	23.9	10.7	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											
29-Apr-12	2400	7.7	228	SW	45.7	15.9	8.2	0	0	0	0
30-Apr-12	100	6.6	213	SSW	46.5	12.0	3.5	0	0	0	0
30-Apr-12	200	6.3	204	SSW	44.9	9.8	4.8	0	0	0	0
30-Apr-12	300	4.1	125	SE	44.1	29.7	6.3	0	0	0	0
30-Apr-12	400	6.9	150	SSE	44.4	42.2	13.8	0	0	0	0
30-Apr-12	500	8.7	165	SSE	48.7	32.2	15.3	0	0	0	0
30-Apr-12	600	6.3	247	WSW	53.3	28.7	13.5	0	0	0	0
30-Apr-12	700	2.9	309	NW	55.8	41.6	14.8	0	0	0	0