

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 Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour											
MST Mountain Standard time is applied to data; when Daylight Savings Time is in effect, it is used for alarm consideration											
Rainfall Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm											
1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – 50 dba											
1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – 65 dba											
1 Hour Average – Weekends (Sat/Sun & holidays) Evenings (10:01pm-9:00am) – 50 dba											
1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
17-May-10	800	5.9	248	WSW	58.6	16.7	3.2	0	0	0	0
17-May-10	900	9.1	155	SSE	55.8	23.7	9.9	0	0	0	0
17-May-10	1000	12.4	136	SE	56.7	28.9	6.0	0	0	0	0
17-May-10	1100	15.0	115	ESE	57.6	43.6	9.0	0	0	0	0
17-May-10	1200	13.5	140	SE	55.3	36.1	14.5	0	0	0	0
17-May-10	1300	12.2	158	SSE	54.6	35.5	3.0	0	0	0	0
17-May-10	1400	16.7	84	E	55.5	61.0	10.3	0	0	0	0
17-May-10	1500	9.2	72	ENE	54.3	46.5	11.7	0	0	0	0
17-May-10	1600	6.8	323	NW	52.2	32.9	6.4	0	0	0	0
17-May-10	1700	10.0	111	ESE	48.6	20.4	3.5	0	0	0	0
17-May-10	1800	8.3	84	E	48.5	34.7	6.1	0	0	0	0
17-May-10	1900	7.2	44	NE	49.4	25.7	5.7	0	0	0	0
17-May-10	2000	4.8	77	ENE	49.1	57.3	11.1	0	0	0	0
17-May-10	2100	8.3	112	ESE	48.6	134.7	22.7	0	0	0	0
17-May-10	2200	18.6	129	SE	51.0	47.5	11.0	0	0	0	0
17-May-10	2300	17.9	137	SE	50.0	50.7	10.8	0	0	0	0

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Alarms											
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17-May-10	2400	16.3	147	SSE	49.4	36.4	5.8	0	0	0	0
18-May-10	100	11.3	168	SSE	47.9	38.1	10.9	0	0	0	0
18-May-10	200	13.3	172	S	48.3	37.1	6.4	0	0	0	0
18-May-10	300	9.7	252	WSW	49.1	41.5	6.6	0	0	0	0
18-May-10	400	11.2	287	WNW	46.6	40.4	3.9	0	0	0	0
18-May-10	500	11.2	317	NW	49.4	34.0	10.2	0	0	0	0
18-May-10	600	11.7	325	NW	55.1	39.5	4.8	0	0	0	0
18-May-10	700	9.3	323	NW	57.2	107.9	19.1	0	0	0	0
18-May-10	800	7.4	302	WNW	55.5	57.4	7.7	0	0	0	0
18-May-10	900	7.2	319	NW	56.1	44.4	7.5	0	0	0	0
18-May-10	1000	4.2	214	SW	55.4	55.6	11.6	0	0	0	0
18-May-10	1100	6.9	88	E	56.1	67.6	13.1	0	0	0	0
18-May-10	1200	13.5	96	E	57.1	65.0	10.7	0	0	0	0
18-May-10	1300	17.2	119	ESE	55.0	52.7	13.5	0	0	0	0
18-May-10	1400	16.7	145	SE	56.0	73.1	14.1	0	0	0	0
18-May-10	1500	16.9	246	WSW	58.8	25.0	4.1	1.6	0	0	0

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18-May-10	1600	12.5	277	W	55.3	9.8	0.7	0	0	0	0
18-May-10	1700	9.4	207	SSW	51.5	27.1	7.2	0	0	0	0
18-May-10	1800	12.9	267	W	54.3	32.5	6.4	0.3	0	0	0
18-May-10	1900	9.1	259	W	49.9	21.5	4.5	0	0	0	0
18-May-10	2000	10.4	214	SSW	48.5	13.7	5.5	0	0	0	0
18-May-10	2100	16.2	279	W	49.1	9.9	0.8	0.2	0	0	0
18-May-10	2200	8.5	76	ENE	48.9	19.9	4.0	0	0	0	0
18-May-10	2300	6.6	336	NNW	47.5	67.3	10.9	0	0	0	0
18-May-10	2400	8.8	289	WNW	46.6	13.6	12.2	0	0	0	0
19-May-10	100	14.4	265	W	44.1	1.9	1.0	0	0	0	0
19-May-10	200	16.4	263	W	44.7	4.1	1.4	0	0	0	0
19-May-10	300	16.2	260	W	44.7	4.1	1.5	0	0	0	0
19-May-10	400	18.2	261	W	45.2	2.4	1.3	0	0	0	0
19-May-10	500	22.6	264	W	48.4	4.1	0.7	0	0	0	0
19-May-10	600	23.8	267	W	51.9	1.9	1.0	0	0	0	0
19-May-10	700	21.3	266	W	53.4	1.5	0.4	0	0	0	0

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19-May-10	800	20.5	271	W	54.2	2.3	0.4	0	0	0	0
19-May-10	900	21.6	276	W	53.2	1.7	0.7	0	0	0	0
19-May-10	1000	20.2	290	WNW	53.7	5.0	0.9	0	0	0	0
19-May-10	1100	15.2	319	NW	54.2	18.9	4.8	0	0	0	0
19-May-10	1200	12.4	5	N	54.3	17.2	2.4	0	0	0	0
19-May-10	1300	14.5	13	NNE	54.7	23.7	7.5	0	0	0	0
19-May-10	1400	15.1	27	NNE	54.5	21.2	5.1	0	0	0	0
19-May-10	1500	20.6	277	W	55.3	3.8	0.7	2.3	0	0	0
19-May-10	1600	18.8	316	NW	52.2	7.9	1.2	0.1	0	0	0
19-May-10	1700	15.2	303	WNW	48.9	6.7	5.0	0	0	0	0
19-May-10	1800	18.5	292	WNW	50.0	3.9	2.1	0	0	0	0
19-May-10	1900	16.1	314	NW	49.0	3.1	2.1	0	0	0	0
19-May-10	2000	11.1	338	NNW	49.7	13.6	6.4	0	0	0	0
19-May-10	2100	10.1	343	NNW	49.7	10.4	4.4	0	0	0	0
19-May-10	2200	7.9	346	NNW	48.6	7.7	4.0	0	0	0	0
19-May-10	2300	8.0	340	NNW	48.3	3.1	1.6	0	0	0	0

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Alarms											
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19-May-10	2400	7.0	284	WNW	48.4	24.6	6.9	0	0	0	0
20-May-10	100	9.5	263	W	49.6	8.2	2.2	0	0	0	0
20-May-10	200	5.5	298	WNW	46.9	71.3	16.2	0	0	0	0
20-May-10	300	6.7	331	NNW	49.7	115.0	30.5	0	0	0	0
20-May-10	400	4.8	344	NNW	47.8	84.5	22.9	0	0	0	0
20-May-10	500	4.0	274	W	47.0	68.0	22.6	0	0	0	0
20-May-10	600	6.0	234	SW	53.7	22.2	8.6	0	1	0	0
20-May-10	700	5.6	269	W	54.7	18.3	7.1	0	0	0	0
20-May-10	800	11.0	184	S	53.7	44.1	13.7	0	0	0	0
20-May-10	900	11.4	259	W	52.2	7.8	2.0	0	0	0	0
20-May-10	1000	16.3	246	WSW	56.0	9.7	5.9	0	0	0	0
20-May-10	1100	23.6	262	W	57.4	7.8	5.8	0	0	0	0
20-May-10	1200	26.2	254	WSW	57.0	7.5	2.6	0	0	0	0
20-May-10	1300	23.7	244	WSW	56.5	5.9	3.5	0	0	0	0
20-May-10	1400	24.3	248	WSW	56.0	2.3	0.6	0	0	0	0
20-May-10	1500	25.6	273	W	55.1	2.8	1.3	0	0	0	0

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20-May-10	1600	26.2	258	WSW	55.0	4.1	1.6	0	0	0	0
20-May-10	1700	28.9	254	WSW	56.2	2.4	1.0	0.1	0	0	0
20-May-10	1800	24.8	259	WSW	54.6	3.6	2.3	0	0	0	0
20-May-10	1900	26.2	306	NW	56.6	11.1	1.4	0	0	0	0
20-May-10	2000	27.1	327	NNW	56.3	3.9	0.4	0	0	0	0
20-May-10	2100	27.7	321	NW	56.5	13.8	2.1	0	0	0	0
20-May-10	2200	20.4	325	NW	50.9	3.2	1.2	0	0	0	0
20-May-10	2300	13.9	318	NW	48.6	15.8	2.5	0	0	0	0
20-May-10	2400	10.1	237	WSW	48.0	6.5	1.1	0	0	0	0
21-May-10	100	13.6	198	SSW	45.6	2.3	0.6	0	0	0	0
21-May-10	200	14.4	193	SSW	46.0	2.5	1.6	0	0	0	0
21-May-10	300	13.2	205	SSW	45.4	4.9	1.6	0	0	0	0
21-May-10	400	13.7	222	SW	45.1	2.3	1.5	0	0	0	0
21-May-10	500	16.8	227	SW	47.2	1.8	0.4	0	0	0	0
21-May-10	600	18.5	234	SW	52.0	1.8	1.1	0	0	0	0
21-May-10	700	25.5	236	SW	55.9	4.8	2.5	0	0	0	0

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21-May-10	900	33.2	244	WSW	60.3	7.0	1.7	0.5	0	0	0
21-May-10	1000	34.0	249	WSW	60.7	7.1	3.1	0.4	0	0	0
21-May-10	1100	32.6	254	WSW	60.2	6.2	2.9	0.2	0	0	0
21-May-10	1200	38.3	263	W	63.2	7.7	3.5	0.2	0	0	0
21-May-10	1300	31.8	266	W	58.7	2.7	1.1	0	0	0	0
21-May-10	1400	30.4	262	W	58.2	4.9	0.4	0	0	0	0
21-May-10	1500	31.1	266	W	57.8	3.5	1.5	0	0	0	0
21-May-10	1600	30.9	276	W	57.4	3.1	1.6	0	0	0	0
21-May-10	1700	28.2	269	W	55.8	1.6	0.4	0	0	0	0
21-May-10	1800	32.7	263	W	58.6	1.9	1.4	0	0	0	0
21-May-10	1900	29.8	262	W	56.5	1.8	1.1	0	0	0	0
21-May-10	2000	23.7	263	W	51.6	3.6	0.8	0	0	0	0
21-May-10	2100	16.4	261	W	48.1	2.6	0.6	0	0	0	0
21-May-10	2200	13.1	261	W	48.4	2.9	0.6	0	0	0	0
21-May-10	2300	11.1	356	N	48.1	6.6	1.4	0	0	0	0

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22-May-10	200	11.2	102	ESE	45.3	3.8	1.9	0	0	0	0
22-May-10	300	11.0	110	ESE	44.9	6.2	0.6	0	0	0	0
22-May-10	400	10.1	129	SE	44.4	3.8	0.8	0	0	0	0
22-May-10	500	9.5	155	SSE	45.6	2.4	1.7	0	0	0	0
22-May-10	600	10.2	155	SSE	48.2	7.4	5.0	0	0	0	0
22-May-10	700	8.6	176	S	47.3	15.0	4.2	0	0	0	0
22-May-10	800	5.6	202	SSW	47.8	11.3	3.4	0	0	0	0
22-May-10	900	6.3	98	E	51.9	11.3	4.4	0	0	0	0
22-May-10	1000	7.5	60	ENE	48.8	12.5	6.2	0	0	0	0
22-May-10	1100	10.7	23	NNE	53.1	19.6	7.6	0	0	0	0
22-May-10	1200	11.1	30	NNE	48.8	17.5	9.7	0	0	0	0
22-May-10	1300	12.3	20	NNE	48.1	22.1	7.4	0	0	0	0
22-May-10	1400	14.7	31	NNE	48.1	13.9	9.5	0	0	0	0
22-May-10	1500	16.3	28	NNE	49.8	6.7	4.3	0	0	0	0

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1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
22-May-10	1600	16.1	16	NNE	49.9	6.1	1.1	0	0	0	0
22-May-10	1700	15.0	6	N	48.6	3.9	1.3	0	0	0	0
22-May-10	1800	17.6	9	N	50.4	6.9	1.2	0	0	0	0
22-May-10	1900	19.2	9	N	51.5	2.7	0.8	0	0	0	0
22-May-10	2000	18.9	4	N	51.2	4.2	1.5	0	0	0	0
22-May-10	2100	15.5	1	N	48.2	2.5	0.9	0	0	0	0
22-May-10	2200	11.9	344	NNW	44.4	5.9	1.4	0	0	0	0
22-May-10	2300	17.5	331	NNW	46.4	2.3	0.6	0	0	0	0
22-May-10	2400	19.1	333	NNW	47.8	1.8	0.5	0	0	0	0
23-May-10	100	19.8	334	NNW	48.6	2.0	0.9	0	0	0	0
23-May-10	200	23.7	323	NW	51.0	1.0	0.6	0	0	0	0
23-May-10	300	24.8	322	NW	51.8	1.3	0.5	0	0	0	0
23-May-10	400	25.5	318	NW	52.4	1.7	0.6	0	0	0	0
23-May-10	500	29.2	319	NW	56.4	2.6	0.7	0	0	0	0
23-May-10	600	28.2	321	NW	55.7	2.1	0.7	0	0	0	0
23-May-10	700	30.2	323	NW	57.9	2.5	1.1	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 Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour											
MST Mountain Standard time is applied to data; when Daylight Savings Time is in effect, it is used for alarm consideration											
Rainfall Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm											
1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – 50 dba											
1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – 65 dba											
1 Hour Average – Weekends (Sat/Sun & holidays) Evenings (10:01pm-9:00am) – 50 dba											
1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
23-May-10	800	28.4	328	NNW	57.2	3.7	0.8	0	0	0	0
23-May-10	900	22.2	319	NW	50.3	2.1	0.8	0	0	0	0
23-May-10	1000	14.9	317	NW	45.4	3.5	1.7	0	0	0	0
23-May-10	1100	6.8	314	NW	46.1	1.8	1.2	0	0	0	0
23-May-10	1200	8.3	63	ENE	46.7	1.8	0.9	0	0	0	0
23-May-10	1300	8.1	50	NE	46.6	2.3	0.7	0	0	0	0
23-May-10	1400	9.2	350	N	46.6	5.0	0.9	0	0	0	0
23-May-10	1500	12.3	68	ENE	46.5	4.8	1.5	0	0	0	0
23-May-10	1600	13.6	123	ESE	47.7	4.1	1.5	0	0	0	0
23-May-10	1700	13.9	133	SE	47.7	8.8	1.2	0	0	0	0
23-May-10	1800	12.1	115	ESE	47.2	8.7	1.7	0	0	0	0
23-May-10	1900	14.9	99	E	46.5	6.2	1.2	0	0	0	0
23-May-10	2000	10.5	75	ENE	44.9	3.3	0.9	0	0	0	0
23-May-10	2100	8.3	62	ENE	44.2	10.1	1.6	0	0	0	0
23-May-10	2200	14.8	27	NNE	46.3	8.2	2.9	0	0	0	0
23-May-10	2300	13.9	13	NNE	43.4	5.9	4.1	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 Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour											
MST Mountain Standard time is applied to data; when Daylight Savings Time is in effect, it is used for alarm consideration											
Rainfall Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm											
1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – 50 dba											
1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – 65 dba											
1 Hour Average – Weekends (Sat/Sun & holidays) Evenings (10:01pm-9:00am) – 50 dba											
1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
23-May-10	2400	12.4	11	N	41.7	4.4	1.3	0	0	0	0
24-May-10	100	9.6	7	N	40.7	9.5	3.4	0	0	0	0
24-May-10	200	5.8	14	NNE	42.4	9.3	1.6	0	0	0	0
24-May-10	300	5.3	134	SE	42.3	9.4	4.0	0	0	0	0
24-May-10	400	4.0	203	SSW	41.9	8.0	5.2	0	0	0	0
24-May-10	500	6.7	204	SSW	43.8	14.0	4.9	0	0	0	0
24-May-10	600	7.3	185	S	47.1	7.2	3.8	0	0	0	0
24-May-10	700	11.6	159	SSE	50.2	8.5	2.9	0	0	0	0
24-May-10	800	16.1	154	SSE	48.9	6.6	3.8	0	0	0	0
24-May-10	900	16.0	154	SSE	48.9	4.3	2.4	0	0	0	0
24-May-10	1000	18.4	139	SE	51.2	7.2	3.6	0	0	0	0
24-May-10	1100	17.1	144	SE	50.4	17.2	5.1	0	0	0	0
24-May-10	1200	16.5	157	SSE	50.1	11.3	4.5	0	0	0	0
24-May-10	1300	14.9	143	SE	50.1	10.2	3.7	0	0	0	0
24-May-10	1400	16.3	150	SSE	51.0	5.7	4.5	0	0	0	0
24-May-10	1500	17.1	140	SE	50.9	8.6	1.5	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 Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour											
MST Mountain Standard time is applied to data; when Daylight Savings Time is in effect, it is used for alarm consideration											
Rainfall Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm											
1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – 50 dba											
1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – 65 dba											
1 Hour Average – Weekends (Sat/Sun & holidays) Evenings (10:01pm-9:00am) – 50 dba											
1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
24-May-10	1600	14.3	145	SE	48.7	8.1	0.5	0	0	0	0
24-May-10	1700	16.2	133	SE	49.6	3.5	2.5	0	0	0	0
24-May-10	1800	19.5	122	ESE	50.8	6.2	3.3	0	0	0	0
24-May-10	1900	21.1	124	ESE	51.9	9.1	2.5	0	0	0	0
24-May-10	2000	24.8	132	SE	55.5	12.4	2.1	0	0	0	0
24-May-10	2100	23.2	154	SSE	55.3	5.1	2.7	0	0	0	0
24-May-10	2200	19.3	158	SSE	50.7	6.1	0.8	0	0	0	0
24-May-10	2300	14.2	173	S	45.7	9.8	1.9	0	0	0	0
24-May-10	2400	11.6	180	S	44.3	5.7	0.8	0	0	0	0
25-May-10	100	8.2	182	S	44.1	5.6	1.4	0	0	0	0
25-May-10	200	5.6	159	SSE	43.6	7.6	1.7	0	0	0	0
25-May-10	300	6.6	119	ESE	43.3	5.5	1.8	0	0	0	0
25-May-10	400	6.2	96	E	44.4	7.8	1.3	0	0	0	0
25-May-10	500	6.5	111	ESE	45.9	16.4	2.0	0	0	0	0
25-May-10	600	6.9	190	S	53.9	14.4	5.0	0	1	0	0
25-May-10	700	7.2	251	WSW	56.7	10.0	2.1	0	0	0	0