

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											
15-Feb-09	900	23.1	359	N	52.5	5.1	2.3	0	0	0	0
15-Feb-09	1000	19.5	3	N	49.6	4.7	2.2	0	0	0	0
15-Feb-09	1100	14.5	336	NNW	49.4	4.6	1.1	0	0	0	0
15-Feb-09	1200	16.7	351	N	49.1	4.5	1.2	0	0	0	0
15-Feb-09	1300	14.9	13	NNE	48.9	5.7	1.6	0	0	0	0
15-Feb-09	1400	10.2	32	NNE	49.3	4.8	2.3	0	0	0	0
15-Feb-09	1500	5.6	45	NE	50.2	4.5	2.0	0	0	0	0
15-Feb-09	1600	7.0	83	E	48.6	3.4	2.6	0	0	0	0
15-Feb-09	1700	7.0	93	E	48.6	6.0	1.1	0	0	0	0
15-Feb-09	1800	7.6	116	ESE	48.6	9.1	4.4	0	0	0	0
15-Feb-09	1900	10.9	168	SSE	47.0	15.6	4.9	0	0	0	0
15-Feb-09	2000	13.1	182	S	47.3	17.7	6.0	0	0	0	0
15-Feb-09	2100	15.0	192	SSW	48.5	27.7	10.2	0	0	0	0
15-Feb-09	2200	16.6	213	SSW	49.5	40.3	13.9	0	0	0	0
15-Feb-09	2300	15.7	213	SSW	49.5	31.6	12.1	0	0	0	0
15-Feb-09	2400	16.3	218	SW	48.8	21.3	10.6	0	0	0	0

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Alarms											
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16-Feb-09	100	14.6	216	SW	47.0	12.6	7.3	0	0	0	0
16-Feb-09	200	10.5	219	SW	43.4	68.0	5.7	0	0	0	0
16-Feb-09	300	11.7	226	SW	44.0	48.8	2.7	0	0	0	0
16-Feb-09	400	10.1	237	WSW	43.1	30.4	3.0	0	0	0	0
16-Feb-09	500	9.0	229	SW	43.9	22.4	4.0	0	0	0	0
16-Feb-09	600	7.6	233	SW	45.7	10.3	1.6	0	0	0	0
16-Feb-09	700	5.1	231	SW	51.1	2.8	1.6	0	1	0	0
16-Feb-09	800	6.6	228	SW	54.7	8.9	3.0	0	0	0	0
16-Feb-09	900	5.5	211	SSW	55.8	15.3	6.2	0	0	0	0
16-Feb-09	1000	7.0	228	SW	55.1	13.1	6.1	0	0	0	0
16-Feb-09	1100	6.9	223	SW	53.8	16.6	5.5	0	0	0	0
16-Feb-09	1200	6.4	172	S	53.0	14.2	4.0	0	0	0	0
16-Feb-09	1300	9.0	176	S	52.1	30.2	12.8	0	0	0	0
16-Feb-09	1400	8.3	181	S	52.7	80.9	34.0	0	0	0	0
16-Feb-09	1500	8.4	183	S	51.6	177.6	61.9	0	0	0	0
16-Feb-09	1600	9.2	184	S	54.2	149.9	51.7	0	0	0	0

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16-Feb-09	1700	5.8	112	ESE	51.1	107.3	35.7	0	0	0	0
16-Feb-09	1800	7.4	35	NE	51.3	63.1	18.7	0	0	0	0
16-Feb-09	1900	13.2	28	NNE	51.3	154.6	43.9	0	0	0	0
16-Feb-09	2000	14.9	26	NNE	49.6	176.9	22.0	0	0	0	0
16-Feb-09	2100	10.3	22	NNE	46.5	125.6	5.0	0	0	0	0
16-Feb-09	2200	6.9	332	NNW	46.8	104.3	28.0	0	0	0	0
16-Feb-09	2300	7.3	284	WNW	46.1	185.6	62.6	0	0	0	0
16-Feb-09	2400	6.7	317	NW	44.1	126.2	41.2	0	0	0	0
17-Feb-09	100	10.8	353	N	43.2	91.7	32.2	0	0	0	0
17-Feb-09	200	14.5	356	N	42.6	75.9	25.1	0	0	0	0
17-Feb-09	300	15.8	9	N	43.7	73.0	24.6	0	0	0	0
17-Feb-09	400	16.7	352	N	43.9	23.0	9.4	0	0	0	0
17-Feb-09	500	20.0	358	N	48.7	16.7	7.5	0	0	0	0
17-Feb-09	600	27.1	4	N	55.4	5.8	2.2	0	0	0	0
17-Feb-09	700	23.8	5	N	52.5	1.9	1.4	0	0	0	0
17-Feb-09	800	26.6	7	N	56.3	5.1	3.0	0	0	0	0

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17-Feb-09	900	31.7	8	N	59.6	11.8	4.8	0	0	0	0
17-Feb-09	1000	30.2	7	N	58.8	6.3	2.8	0	0	0	0
17-Feb-09	1100	26.6	0	N	56.3	5.0	1.3	0	0	0	0
17-Feb-09	1200	31.9	351	N	60.0	1.2	0.4	0	0	0	0
17-Feb-09	1300	29.6	344	NNW	57.5	2.6	1.0	0	0	0	0
17-Feb-09	1400	26.6	356	N	56.3	4.1	2.0	0	0	0	0
17-Feb-09	1500	21.1	0	N	53.9	1.8	0.8	0	0	0	0
17-Feb-09	1600	20.5	357	N	53.0	2.5	1.7	0	0	0	0
17-Feb-09	1700	16.9	0	N	50.9	3.3	1.2	0	0	0	0
17-Feb-09	1800	17.3	350	N	50.7	4.3	1.9	0	0	0	0
17-Feb-09	1900	19.1	345	NNW	49.3	5.1	1.6	0	0	0	0
17-Feb-09	2000	18.1	345	NNW	49.0	10.5	5.7	0	0	0	0
17-Feb-09	2100	25.3	347	NNW	53.5	5.2	3.5	0	0	0	0
17-Feb-09	2200	30.0	348	NNW	57.3	3.2	1.1	0	0	0	0
17-Feb-09	2300	31.3	350	N	58.8	3.9	2.6	0	0	0	0
17-Feb-09	2400	33.2	350	N	60.6	1.8	1.1	0	0	0	0

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18-Feb-09	100	32.2	349	N	59.6	3.2	1.4	0	0	0	0
18-Feb-09	200	30.3	346	NNW	57.3	1.7	1.1	0	0	0	0
18-Feb-09	300	30.9	348	NNW	58.6	2.9	1.1	0	0	0	0
18-Feb-09	400	27.1	339	NNW	53.8	1.8	0.8	0	0	0	0
18-Feb-09	500	24.3	336	NNW	51.4	1.7	1.0	0	0	0	0
18-Feb-09	600	22.7	335	NNW	49.5	7.5	1.9	0	0	0	0
18-Feb-09	700	19.0	332	NNW	48.2	2.1	1.2	0	0	0	0
18-Feb-09	800	20.7	323	NW	51.4	2.5	0.6	0	0	0	0
18-Feb-09	900	19.7	325	NW	53.2	4.3	2.4	0	0	0	0
18-Feb-09	1000	20.3	328	NNW	52.0	10.3	3.6	0	0	0	0
18-Feb-09	1100	17.8	327	NNW	51.1	7.3	5.1	0	0	0	0
18-Feb-09	1200	17.8	333	NNW	52.0	9.0	5.9	0	0	0	0
18-Feb-09	1300	16.7	336	NNW	50.1	9.7	1.2	0	0	0	0
18-Feb-09	1400	12.6	350	N	49.9	8.7	6.1	0	0	0	0
18-Feb-09	1500	9.2	11	N	51.1	5.8	4.5	0	0	0	0
18-Feb-09	1600	9.0	9	N	50.4	8.7	5.2	0	0	0	0

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18-Feb-09	1700	7.4	337	NNW	49.6	8.2	6.3	0	0	0	0
18-Feb-09	1800	9.6	22	NNE	49.8	25.2	4.4	0	0	0	0
18-Feb-09	1900	10.9	358	N	50.0	7.3	1.7	0	0	0	0
18-Feb-09	2000	12.0	341	NNW	51.2	9.4	4.5	0	0	0	0
18-Feb-09	2100	12.9	336	NNW	48.1	6.3	1.3	0	0	0	0
18-Feb-09	2200	16.5	344	NNW	46.9	3.3	2.0	0	0	0	0
18-Feb-09	2300	17.6	338	NNW	45.9	4.1	2.3	0	0	0	0
18-Feb-09	2400	23.4	351	N	50.7	4.8	3.0	0	0	0	0
19-Feb-09	100	25.0	351	N	52.0	4.2	2.7	0	0	0	0
19-Feb-09	200	24.7	349	N	51.3	5.0	1.3	0	0	0	0
19-Feb-09	300	23.0	353	N	50.0	6.0	5.0	0	0	0	0
19-Feb-09	400	21.4	349	NNW	47.7	9.0	1.7	0	0	0	0
19-Feb-09	500	24.3	347	NNW	51.5	9.8	6.6	0	0	0	0
19-Feb-09	600	24.7	346	NNW	51.0	6.8	5.1	0	0	0	0
19-Feb-09	700	23.7	345	NNW	51.1	6.1	4.2	0	0	0	0
19-Feb-09	800	21.4	344	NNW	51.6	7.4	5.8	0	0	0	0

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19-Feb-09	1100	20.8	341	NNW	51.0	4.7	1.4	0	0	0	0
19-Feb-09	1200	18.1	354	N	50.9	3.7	1.2	0	0	0	0
19-Feb-09	1300	18.3	7	N	51.5	5.4	2.1	0	0	0	0
19-Feb-09	1400	18.8	9	N	52.1	9.4	2.0	0	0	0	0
19-Feb-09	1500	17.8	12	NNE	52.3	7.7	5.1	0	0	0	0
19-Feb-09	1600	17.8	16	NNE	51.6	7.1	4.8	0	0	0	0
19-Feb-09	1700	14.7	19	NNE	50.3	8.2	4.9	0	0	0	0
19-Feb-09	1800	9.6	8	N	52.2	6.2	2.0	0	0	0	0
19-Feb-09	1900	7.2	323	NW	54.2	9.8	3.0	0	0	0	0
19-Feb-09	2000	8.8	286	WNW	48.9	7.0	1.7	0	0	0	0
19-Feb-09	2100	9.5	288	WNW	44.2	5.4	3.5	0	0	0	0
19-Feb-09	2200	8.7	317	NW	46.4	2.9	2.4	0	0	0	0
19-Feb-09	2300	9.5	322	NW	46.2	5.3	1.2	0	0	0	0
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20-Feb-09	600	14.4	1	N	43.9	1.4	0.9	0	0	0	0
20-Feb-09	700	10.1	6	N	46.4	5.1	0.6	0	0	0	0
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20-Feb-09	900	8.3	340	NNW	51.7	8.1	1.1	0	0	0	0
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20-Feb-09	1200	9.5	4	N	48.2	4.8	3.2	0	0	0	0
20-Feb-09	1300	7.3	14	NNE	49.0	5.8	4.6	0	0	0	0
20-Feb-09	1400	6.9	16	NNE	49.5	5.4	1.0	0	0	0	0
20-Feb-09	1500	5.3	20	NNE	48.3	6.4	4.2	0	0	0	0
20-Feb-09	1600	6.8	90	E	47.8	29.3	9.2	0	0	0	0

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20-Feb-09	1700	6.4	115	ESE	48.3	90.8	27.6	0	0	0	0
20-Feb-09	1800	4.7	136	SE	47.4	102.6	31.5	0	0	0	0
20-Feb-09	1900	8.1	192	SSW	46.5	114.7	34.4	0	0	0	0
20-Feb-09	2000	7.5	205	SSW	45.9	108.9	39.1	0	0	0	0
20-Feb-09	2100	5.3	222	SW	45.6	108.3	37.8	0	0	0	0
20-Feb-09	2200	7.9	245	WSW	49.1	96.1	31.8	0	0	0	0
20-Feb-09	2300	9.1	233	SW	48.7	99.6	31.4	0	0	0	0
20-Feb-09	2400	10.7	236	SW	47.7	95.8	25.8	0	0	0	0
21-Feb-09	100	11.8	233	SW	48.7	99.2	30.9	0	0	0	0
21-Feb-09	200	11.8	263	W	46.1	68.9	24.1	0	0	0	0
21-Feb-09	300	13.5	276	W	47.6	68.9	23.7	0	0	0	0
21-Feb-09	400	13.7	281	W	42.7	17.2	3.5	0	0	0	0
21-Feb-09	500	14.6	271	W	43.1	20.3	6.1	0	0	0	0
21-Feb-09	600	12.7	282	WNW	43.5	14.1	7.6	0	0	0	0
21-Feb-09	700	14.7	281	W	45.3	15.3	2.9	0	0	0	0
21-Feb-09	800	16.1	285	WNW	44.3	14.1	6.1	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											
21-Feb-09	900	13.2	285	WNW	43.8	11.0	4.1	0	0	0	0
21-Feb-09	1000	15.7	289	WNW	44.9	14.5	4.6	0	0	0	0
21-Feb-09	1100	16.2	279	W	45.4	9.6	3.1	0	0	0	0
21-Feb-09	1200	12.2	288	WNW	44.9	9.4	6.1	0	0	0	0
21-Feb-09	1300	11.3	289	WNW	45.4	9.1	7.2	0	0	0	0
21-Feb-09	1400	9.0	315	NW	46.1	6.8	2.2	0	0	0	0
21-Feb-09	1500	9.6	342	NNW	46.7	3.7	0.9	0	0	0	0
21-Feb-09	1600	8.8	355	N	47.6	3.6	1.3	0	0	0	0
21-Feb-09	1700	5.2	353	N	46.7	2.8	1.5	0	0	0	0
21-Feb-09	1800	7.0	307	NW	47.0	7.3	2.2	0	0	0	0
21-Feb-09	1900	12.1	5	N	46.8	9.9	2.3	0	0	0	0
21-Feb-09	2000	17.0	9	N	46.0	9.4	5.8	0	0	0	0
21-Feb-09	2100	25.2	5	N	52.5	20.4	9.7	0	0	0	0
21-Feb-09	2200	23.6	360	N	51.6	22.1	3.4	0	0	0	0
21-Feb-09	2300	25.4	3	N	53.4	21.7	5.4	0	0	0	0
21-Feb-09	2400	24.5	2	N	52.2	20.3	12.2	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											
22-Feb-09	100	22.6	2	N	49.6	21.1	5.2	0	0	0	0
22-Feb-09	200	21.5	359	N	48.0	25.1	5.8	0	0	0	0
22-Feb-09	300	17.2	343	NNW	44.8	24.2	7.5	0	0	0	0
22-Feb-09	400	10.2	343	NNW	42.8	29.9	7.4	0	0	0	0
22-Feb-09	500	8.4	0	N	42.4	31.0	10.7	0	0	0	0
22-Feb-09	600	9.3	350	N	42.5	32.4	10.1	0	0	0	0
22-Feb-09	700	8.4	274	W	48.2	33.1	9.1	0	0	0	0
22-Feb-09	800	6.6	275	W	52.8	31.7	9.1	0	0	0	0