

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											
20-Sep-10	800	12.2	354	N	52.9	2.1	0.6	0	0	0	0
20-Sep-10	900	14.6	352	N	51.6	1.3	0.6	0	0	0	0
20-Sep-10	1000	15.4	350	N	52.5	1.7	0.4	0	0	0	0
20-Sep-10	1100	15.2	339	NNW	51.2	1.5	0.5	0	0	0	0
20-Sep-10	1200	14.3	346	NNW	52.1	1.2	0.7	0	0	0	0
20-Sep-10	1300	13.7	349	N	51.7	2.6	1.4	0	0	0	0
20-Sep-10	1400	12.1	356	N	52.8	4.2	1.8	0	0	0	0
20-Sep-10	1500	12.2	356	N	52.2	5.2	1.6	0	0	0	0
20-Sep-10	1600	13.2	354	N	52.3	1.6	1.0	0	0	0	0
20-Sep-10	1700	13.5	359	N	49.4	2.6	1.6	0	0	0	0
20-Sep-10	1800	12.5	1	N	50.4	1.0	0.7	0.1	0	0	0
20-Sep-10	1900	9.8	7	N	48.3	1.4	0.9	0	0	0	0
20-Sep-10	2000	9.4	19	NNE	46.7	1.0	0.8	0	0	0	0
20-Sep-10	2100	8.2	13	NNE	48.7	1.2	0.7	0	0	0	0
20-Sep-10	2200	8.9	354	N	52.2	1.3	1.0	0	1	0	0
20-Sep-10	2300	9.6	329	NNW	44.4	2.4	0.6	0	0	0	0

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Alarms											
PM2.5					1 Hour Average – 80 ug/m3						
TSP					1 Hour Average – 267 ug/m3						
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20-Sep-10	2400	10.1	330	NNW	44.4	5.7	0.9	0	0	0	0
21-Sep-10	100	9.3	328	NNW	45.3	5.6	2.1	0	0	0	0
21-Sep-10	200	8.9	327	NNW	43.8	4.4	1.0	0	0	0	0
21-Sep-10	300	6.8	342	NNW	43.0	1.3	0.3	0	0	0	0
21-Sep-10	400	6.1	8	N	43.1	1.9	0.5	0	0	0	0
21-Sep-10	500	5.1	13	NNE	44.9	3.1	0.6	0	0	0	0
21-Sep-10	600	6.8	11	NNE	48.3	9.5	0.5	0	0	0	0
21-Sep-10	700	4.5	59	ENE	52.8	16.4	0.6	0	0	0	0
21-Sep-10	800	6.6	121	ESE	55.1	22.8	2.0	0	0	0	0
21-Sep-10	900	9.4	148	SSE	52.3	35.5	7.4	0	0	0	0
21-Sep-10	1000	9.6	151	SSE	52.2	58.3	17.7	0.4	0	0	0
21-Sep-10	1100	10.1	157	SSE	52.3	40.9	15.7	0.3	0	0	0
21-Sep-10	1200	10.4	155	SSE	52.7	25.3	10.8	0.1	0	0	0
21-Sep-10	1300	9.5	148	SSE	52.4	18.9	6.5	0	0	0	0
21-Sep-10	1400	7.8	148	SSE	53.0	25.2	8.2	0	0	0	0
21-Sep-10	1500	8.0	153	SSE	53.0	26.6	8.4	0	0	0	0

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21-Sep-10	1600	10.9	150	SSE	51.1	20.9	9.4	0	0	0	0
21-Sep-10	1700	9.8	146	SE	50.5	23.3	7.3	0	0	0	0
21-Sep-10	1800	9.4	145	SE	50.2	22.8	8.7	0	0	0	0
21-Sep-10	1900	10.6	135	SE	48.8	20.7	10.3	0	0	0	0
21-Sep-10	2000	9.5	135	SE	48.1	18.3	10.0	0	0	0	0
21-Sep-10	2100	9.5	156	SSE	46.6	16.4	7.7	0	0	0	0
21-Sep-10	2200	10.1	161	SSE	46.7	12.3	5.0	0	0	0	0
21-Sep-10	2300	10.4	161	SSE	45.1	14.8	5.7	0	0	0	0
21-Sep-10	2400	8.8	169	S	44.7	15.9	5.0	0	0	0	0
22-Sep-10	100	8.2	165	SSE	44.0	22.7	7.6	0	0	0	0
22-Sep-10	200	7.9	173	S	43.8	23.5	7.8	0	0	0	0
22-Sep-10	300	9.5	193	SSW	43.6	24.7	8.7	0	0	0	0
22-Sep-10	400	9.8	190	S	45.7	29.5	13.4	0	0	0	0
22-Sep-10	500	8.3	195	SSW	47.5	23.9	8.5	0	0	0	0
22-Sep-10	600	6.3	185	S	51.1	60.9	9.8	0	1	0	0
22-Sep-10	700	6.0	165	SSE	52.9	215.5	2.1	0	0	0	0

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Alarms											
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22-Sep-10	800	11.0	186	S	54.0	26.1	2.8	0	0	0	0
22-Sep-10	900	10.6	192	SSW	54.6	26.4	10.0	0	0	0	0
22-Sep-10	1000	15.9	177	S	52.6	29.7	13.0	0	0	0	0
22-Sep-10	1100	15.4	169	SSE	53.5	31.6	11.8	0	0	0	0
22-Sep-10	1200	14.5	158	SSE	53.4	26.7	9.7	0	0	0	0
22-Sep-10	1300	16.0	156	SSE	53.8	32.1	12.9	0	0	0	0
22-Sep-10	1400	15.2	156	SSE	54.0	23.5	4.7	0	0	0	0
22-Sep-10	1500	15.0	154	SSE	53.8	21.8	6.1	0	0	0	0
22-Sep-10	1600	16.2	156	SSE	51.8	11.3	5.5	0	0	0	0
22-Sep-10	1700	18.4	153	SSE	52.6	9.2	1.5	0	0	0	0
22-Sep-10	1800	18.1	148	SSE	51.6	6.3	1.0	0	0	0	0
22-Sep-10	1900	16.5	152	SSE	51.0	5.4	2.1	0	0	0	0
22-Sep-10	2000	16.2	154	SSE	50.5	7.9	4.1	0	0	0	0
22-Sep-10	2100	17.6	161	SSE	50.3	11.8	2.4	0	0	0	0
22-Sep-10	2200	20.8	168	SSE	52.5	10.8	2.5	0	0	0	0
22-Sep-10	2300	19.1	173	S	50.8	3.7	3.2	0	0	0	0

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Alarms											
PM2.5						1 Hour Average – 80 ug/m3					
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22-Sep-10	2400	18.6	179	S	49.9	10.8	7.2	0	0	0	0
23-Sep-10	100	10.3	187	S	45.9	12.3	7.9	0	0	0	0
23-Sep-10	200	6.4	213	SSW	44.8	14.2	6.9	0	0	0	0
23-Sep-10	300	6.0	254	WSW	46.8	6.1	4.2	0	0	0	0
23-Sep-10	400	8.0	272	W	52.5	9.3	8.2	0	1	0	0
23-Sep-10	500	6.7	282	WNW	50.9	15.8	7.2	0	1	0	0
23-Sep-10	600	6.5	288	WNW	54.1	5.4	4.3	0	1	0	0
23-Sep-10	700	5.9	255	WSW	55.8	8.4	2.7	0	0	0	0
23-Sep-10	800	6.4	276	W	57.9	7.4	3.7	0	0	0	0
23-Sep-10	900	3.8	305	NW	56.5	45.1	12.0	0	0	0	0
23-Sep-10	1000	5.8	174	S	53.3	43.9	9.3	0	0	0	0
23-Sep-10	1100	10.7	233	SW	54.2	5.5	2.0	0	0	0	0
23-Sep-10	1200	13.4	227	SW	52.4	9.3	5.9	0	0	0	0
23-Sep-10	1300	17.1	244	WSW	51.3	5.5	4.2	0	0	0	0
23-Sep-10	1400	26.8	270	W	54.9	8.6	3.3	0.1	0	0	0
23-Sep-10	1500	29.7	267	W	57.9	7.2	2.5	0	0	0	0

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1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
23-Sep-10	1600	23.1	263	W	53.6	6.0	4.0	0	0	0	0
23-Sep-10	1700	25.0	260	W	54.3	6.5	2.1	0	0	0	0
23-Sep-10	1800	21.1	257	WSW	51.5	4.2	1.0	0	0	0	0
23-Sep-10	1900	14.9	254	WSW	49.9	2.4	1.3	0	0	0	0
23-Sep-10	2000	9.2	261	W	47.1	11.1	1.5	0	0	0	0
23-Sep-10	2100	8.7	248	WSW	46.6	7.0	0.8	0	0	0	0
23-Sep-10	2200	8.9	229	SW	46.7	8.1	3.5	0	0	0	0
23-Sep-10	2300	8.2	239	WSW	44.9	2.4	0.7	0	0	0	0
23-Sep-10	2400	6.9	229	SW	43.5	1.8	1.4	0	0	0	0
24-Sep-10	100	9.7	225	SW	42.4	2.3	1.0	0	0	0	0
24-Sep-10	200	14.3	231	SW	43.5	1.7	0.7	0	0	0	0
24-Sep-10	300	17.1	230	SW	47.1	5.7	2.0	0	0	0	0
24-Sep-10	400	14.6	239	WSW	46.0	1.8	0.6	0	0	0	0
24-Sep-10	500	12.7	255	WSW	47.1	2.0	1.6	0	0	0	0
24-Sep-10	600	15.6	262	W	50.1	1.6	1.0	0	0	0	0
24-Sep-10	700	17.2	265	W	52.4	5.3	1.1	0	0	0	0

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24-Sep-10	900	19.7	266	W	51.2	8.5	0.7	0	0	0	0
24-Sep-10	1000	22.0	265	W	52.4	2.4	0.9	0	0	0	0
24-Sep-10	1100	23.5	263	W	53.2	2.6	1.0	0	0	0	0
24-Sep-10	1200	20.0	262	W	52.4	3.2	0.8	0	0	0	0
24-Sep-10	1300	19.3	254	WSW	52.6	1.8	1.2	0	0	0	0
24-Sep-10	1400	21.0	260	W	52.0	2.2	0.8	0	0	0	0
24-Sep-10	1500	20.8	240	WSW	53.7	2.5	0.9	0	0	0	0
24-Sep-10	1600	19.6	251	WSW	52.0	1.8	0.5	0	0	0	0
24-Sep-10	1700	19.7	257	WSW	51.6	4.6	0.4	0	0	0	0
24-Sep-10	1800	15.8	246	WSW	51.5	1.3	0.6	0	0	0	0
24-Sep-10	1900	13.6	249	WSW	49.0	6.9	2.3	0	0	0	0
24-Sep-10	2000	10.5	216	SW	48.7	6.1	3.9	0	0	0	0
24-Sep-10	2100	12.6	212	SSW	49.0	4.5	1.6	0	0	0	0
24-Sep-10	2200	12.3	200	SSW	48.7	1.6	0.4	0	0	0	0
24-Sep-10	2300	11.4	206	SSW	47.0	1.4	0.5	0	0	0	0

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25-Sep-10	500	8.5	197	SSW	47.4	2.3	0.5	0	0	0	0
25-Sep-10	600	6.1	154	SSE	51.1	5.5	1.3	0	1	0	0
25-Sep-10	700	7.0	138	SE	54.8	73.1	16.8	0	0	0	0
25-Sep-10	800	7.4	167	SSE	55.8	58.5	11.0	0	0	0	0
25-Sep-10	900	12.9	184	S	55.9	17.6	3.3	0	0	0	0
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1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
25-Sep-10	1600	19.7	238	WSW	51.7	7.3	2.8	0	0	0	0
25-Sep-10	1700	25.1	241	WSW	54.7	8.5	0.9	0	0	0	0
25-Sep-10	1800	20.8	240	WSW	50.6	6.0	0.5	0	0	0	0
25-Sep-10	1900	19.6	249	WSW	49.3	3.7	1.4	0	0	0	0
25-Sep-10	2000	18.7	232	SW	48.4	6.8	5.6	0	0	0	0
25-Sep-10	2100	16.0	210	SSW	48.7	3.4	2.5	0	0	0	0
25-Sep-10	2200	16.3	233	SW	47.0	6.7	4.4	0	0	0	0
25-Sep-10	2300	15.8	239	WSW	46.4	3.0	1.0	0	0	0	0
25-Sep-10	2400	11.0	213	SSW	45.4	3.1	1.0	0	0	0	0
26-Sep-10	100	10.0	194	SSW	44.3	6.5	2.0	0	0	0	0
26-Sep-10	200	10.1	170	S	44.6	6.9	2.9	0	0	0	0
26-Sep-10	300	8.7	201	SSW	43.7	3.4	1.5	0	0	0	0
26-Sep-10	400	8.2	185	S	43.4	2.9	1.2	0	0	0	0
26-Sep-10	500	8.7	199	SSW	44.3	3.3	1.2	0	0	0	0
26-Sep-10	600	7.4	197	SSW	47.3	4.7	1.0	0	0	0	0
26-Sep-10	700	9.7	210	SSW	48.1	3.4	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											
26-Sep-10	800	8.8	210	SSW	49.3	6.3	0.7	0	0	0	0
26-Sep-10	900	8.2	229	SW	50.6	2.4	1.1	0	0	0	0
26-Sep-10	1000	9.6	256	WSW	50.0	4.3	0.9	0	0	0	0
26-Sep-10	1100	23.9	297	WNW	53.8	6.4	1.3	0	0	0	0
26-Sep-10	1200	20.1	325	NW	54.0	20.5	4.2	0.1	0	0	0
26-Sep-10	1300	16.1	297	WNW	48.7	1.5	0.6	0	0	0	0
26-Sep-10	1400	22.3	281	W	50.6	5.6	4.9	0	0	0	0
26-Sep-10	1500	25.6	258	WSW	54.1	10.0	7.5	0	0	0	0
26-Sep-10	1600	25.4	339	NNW	61.8	150.5	13.8	4.7	0	0	0
26-Sep-10	1700	15.1	341	NNW	49.4	5.8	4.5	0	0	0	0
26-Sep-10	1800	11.1	355	N	49.0	6.4	0.5	0	0	0	0
26-Sep-10	1900	5.5	358	N	50.2	5.8	3.9	0	0	0	0
26-Sep-10	2000	5.5	113	ESE	46.3	4.3	3.7	0	0	0	0
26-Sep-10	2100	13.0	205	SSW	46.8	2.9	2.1	0	0	0	0
26-Sep-10	2200	12.1	201	SSW	48.1	11.3	4.9	0	0	0	0
26-Sep-10	2300	14.0	200	SSW	47.6	8.0	2.2	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											
26-Sep-10	2400	16.0	217	SW	47.2	9.2	3.6	0	0	0	0
27-Sep-10	100	12.8	215	SW	46.1	2.8	1.3	0	0	0	0
27-Sep-10	200	9.2	198	SSW	46.3	7.6	3.0	0	0	0	0
27-Sep-10	300	8.1	204	SSW	45.6	8.2	3.3	0	0	0	0
27-Sep-10	400	8.4	188	S	45.6	5.3	3.7	0	0	0	0
27-Sep-10	500	9.6	186	S	48.3	2.5	1.7	0	0	0	0
27-Sep-10	600	9.3	201	SSW	53.1	4.4	2.7	0	1	0	0
27-Sep-10	700	10.1	196	SSW	55.3	9.3	4.2	0	0	0	0