

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 Dalight Saving 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											
30-Nov-09	800	13.6	148	SSE	53.3	22.8	3.2	0	0	0	0
30-Nov-09	900	16.1	162	SSE	54.8	25.2	6.6	0	0	0	0
30-Nov-09	1000	13.3	170	S	53.8	37.1	8.1	0	0	0	0
30-Nov-09	1100	5.6	245	WSW	53.2	31.3	7.6	0	0	0	0
30-Nov-09	1200	25.5	329	NNW	59.5	47.8	12.7	0.1	0	0	0
30-Nov-09	1300	39.2	333	NNW	66.3	28.1	7.2	1.5	0	0	0
30-Nov-09	1400	25.1	350	N	54.6	31.8	8.2	0	0	0	0
30-Nov-09	1500	22.5	337	NNW	53.7	21.1	3.7	0	0	0	0
30-Nov-09	1600	21.5	340	NNW	51.8	17.9	2.7	0	0	0	0
30-Nov-09	1700	45.6	342	NNW	69.7	24.5	0.4	7	0	0	0
30-Nov-09	1800	26.7	340	NNW	55.7	1.9	1.2	0	0	0	0
30-Nov-09	1900	43.8	344	NNW	69.1	14.3	0.8	10.3	0	0	0
30-Nov-09	2000	40.0	339	NNW	66.9	17.5	3.1	2.6	0	0	0
30-Nov-09	2100	39.3	331	NNW	67.1	24.3	1.3	0.9	0	0	0
30-Nov-09	2200	26.8	330	NNW	54.6	3.2	0.5	0	0	0	0
30-Nov-09	2300	24.5	316	NW	49.5	3.2	2.5	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 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 Dalight Saving Time is in effect, it is used for alarm consideration											
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1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – 50 dba											
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1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
30-Nov-09	2400	26.3	319	NW	52.0	1.1	0.3	0	0	0	0
1-Dec-09	100	23.0	312	NW	49.3	2.8	1.0	0	0	0	0
1-Dec-09	200	20.7	304	NW	50.2	2.8	0.5	0	0	0	0
1-Dec-09	300	23.6	305	NW	48.9	0.9	0.5	0	0	0	0
1-Dec-09	400	21.3	307	NW	47.0	0.6	0.6	0	0	0	0
1-Dec-09	500	26.1	313	NW	53.0	2.1	0.6	0	0	0	0
1-Dec-09	600	29.9	321	NW	56.7	6.2	2.4	0	0	0	0
1-Dec-09	700	30.4	315	NW	56.8	19.4	1.2	0	0	0	0
1-Dec-09	800	28.1	321	NW	56.5	6.2	2.4	0.1	0	0	0
1-Dec-09	900	23.0	313	NW	54.0	10.2	0.9	0	0	0	0
1-Dec-09	1000	13.2	281	W	50.7	1.1	0.3	0	0	0	0
1-Dec-09	1100	19.4	297	WNW	48.2	1.5	0.0	0	0	0	0
1-Dec-09	1200	19.4	316	NW	51.0	1.7	0.8	0	0	0	0
1-Dec-09	1300	21.9	321	NW	51.0	1.1	0.6	0	0	0	0
1-Dec-09	1400	21.2	329	NNW	49.3	0.9	1.1	0	0	0	0
1-Dec-09	1500	14.4	325	NW	45.0	0.6	0.8	0	0	0	0

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Alarms											
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1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
1-Dec-09	1600	10.8	324	NW	52.9	2.3	0.5	0	0	0	0
1-Dec-09	1700	9.6	312	NW	51.2	5.3	2.1	0	0	0	0
1-Dec-09	1800	6.6	300	WNW	50.7	1.5	1.1	0	0	0	0
1-Dec-09	1900	7.8	300	WNW	44.7	2.3	1.0	0	0	0	0
1-Dec-09	2000	11.9	280	W	44.5	4.9	2.0	0	0	0	0
1-Dec-09	2100	11.5	283	WNW	42.3	10.7	4.9	0	0	0	0
1-Dec-09	2200	13.1	293	WNW	40.3	13.7	4.9	0	0	0	0
1-Dec-09	2300	10.9	283	WNW	42.3	12.8	6.6	0	0	0	0
1-Dec-09	2400	14.3	276	W	41.2	9.6	2.9	0	0	0	0
2-Dec-09	100	13.0	284	WNW	39.2	5.1	0.6	0	0	0	0
2-Dec-09	200	13.0	286	WNW	41.7	5.1	3.2	0	0	0	0
2-Dec-09	300	10.1	297	WNW	40.2	13.0	1.7	0	0	0	0
2-Dec-09	400	9.6	282	WNW	38.6	6.6	3.5	0	0	0	0
2-Dec-09	500	8.1	292	WNW	39.8	7.3	4.0	0	0	0	0
2-Dec-09	600	10.6	295	WNW	42.3	8.1	2.3	0	0	0	0
2-Dec-09	700	10.6	283	WNW	46.1	4.1	1.2	0	0	0	0

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Alarms											
PM2.5						1 Hour Average – 80 ug/m3					
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2-Dec-09	800	10.1	283	WNW	54.3	4.1	0.5	0	0	0	0
2-Dec-09	900	10.5	296	WNW	52.9	6.6	0.4	0	0	0	0
2-Dec-09	1000	9.1	293	WNW	47.0	5.3	0.2	0	0	0	0
2-Dec-09	1100	10.8	299	WNW	50.8	7.3	1.9	0	0	0	0
2-Dec-09	1200	7.3	323	NW	57.4	4.7	2.8	0	0	0	0
2-Dec-09	1300	6.9	336	NNW	47.8	5.1	0.2	0	0	0	0
2-Dec-09	1400	5.9	329	NNW	46.4	3.0	2.6	0	0	0	0
2-Dec-09	1500	4.0	70	ENE	51.7	8.5	1.5	0	0	0	0
2-Dec-09	1600	5.5	132	SE	49.7	24.5	8.7	0	0	0	0
2-Dec-09	1700	7.1	162	SSE	48.6	40.5	8.7	0	0	0	0
2-Dec-09	1800	7.8	177	S	46.0	47.1	8.6	0	0	0	0
2-Dec-09	1900	8.6	214	SW	46.2	15.4	3.3	0	0	0	0
2-Dec-09	2000	11.0	204	SSW	47.2	5.5	2.1	0	0	0	0
2-Dec-09	2100	11.5	205	SSW	45.2	9.2	4.1	0	0	0	0
2-Dec-09	2200	11.7	216	SW	45.4	14.5	3.9	0	0	0	0
2-Dec-09	2300	9.9	220	SW	49.5	7.3	4.4	0	0	0	0

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Alarms											
PM2.5						1 Hour Average – 80 ug/m3					
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1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
2-Dec-09	2400	10.9	228	SW	42.8	5.1	2.2	0	0	0	0
3-Dec-09	100	13.1	218	SW	42.5	2.1	1.0	0	0	0	0
3-Dec-09	200	12.7	223	SW	44.4	1.5	1.0	0	0	0	0
3-Dec-09	300	12.4	213	SSW	42.4	2.8	1.0	0	0	0	0
3-Dec-09	400	13.8	218	SW	43.8	2.3	1.6	0	0	0	0
3-Dec-09	500	12.4	228	SW	42.3	3.8	0.3	0	0	0	0
3-Dec-09	600	10.4	239	WSW	46.5	1.1	0.5	0	0	0	0
3-Dec-09	700	14.6	257	WSW	48.7	5.1	1.3	0	0	0	0
3-Dec-09	800	13.9	255	WSW	50.6	6.0	0.4	0	0	0	0
3-Dec-09	900	12.7	242	WSW	54.4	6.8	0.8	0	0	0	0
3-Dec-09	1000	9.4	243	WSW	51.1	9.4	0.3	0	0	0	0
3-Dec-09	1100	11.7	239	WSW	51.5	8.1	2.6	0	0	0	0
3-Dec-09	1200	11.9	233	SW	54.8	10.9	0.7	0	0	0	0
3-Dec-09	1300	12.3	222	SW	51.6	4.1	2.4	0	0	0	0
3-Dec-09	1400	11.1	237	WSW	50.6	6.4	2.6	0	0	0	0
3-Dec-09	1500	11.8	234	SW	53.3	14.9	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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3-Dec-09	1600	10.9	251	WSW	51.3	1.3	0.3	0	0	0	0
3-Dec-09	1700	13.3	257	WSW	49.1	10.5	1.4	0	0	0	0
3-Dec-09	1800	13.9	253	WSW	47.4	9.8	1.1	0	0	0	0
3-Dec-09	1900	9.9	253	WSW	46.9	0.6	0.2	0	0	0	0
3-Dec-09	2000	14.3	262	W	50.2	1.7	0.2	0	0	0	0
3-Dec-09	2100	18.9	253	WSW	47.1	2.8	1.0	0	0	0	0
3-Dec-09	2200	14.7	253	WSW	44.7	8.5	0.2	0	0	0	0
3-Dec-09	2300	16.9	250	WSW	46.4	4.5	0.2	0	0	0	0
3-Dec-09	2400	15.8	258	WSW	42.7	7.0	0.2	0	0	0	0
4-Dec-09	100	15.1	251	WSW	43.5	2.3	0.7	0	0	0	0
4-Dec-09	200	13.9	259	W	42.7	3.2	3.0	0	0	0	0
4-Dec-09	300	13.7	258	WSW	42.4	1.1	0.6	0	0	0	0
4-Dec-09	400	18.9	269	W	44.9	2.1	0.9	0	0	0	0
4-Dec-09	500	30.6	295	WNW	57.8	52.2	9.0	1.6	0	0	0
4-Dec-09	600	30.8	317	NW	60.9	0.4	0.2	0.4	0	0	0
4-Dec-09	700	34.2	315	NW	61.2	23.9	3.0	3.6	0	0	0

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4-Dec-09	800	44.8	328	NNW	67.9	29.2	1.8	5	0	0	0
4-Dec-09	900	35.5	325	NW	65.8	15.4	2.1	3.3	0	0	0
4-Dec-09	1000	43.9	327	NNW	66.5	17.9	1.5	1.6	0	0	0
4-Dec-09	1100	38.5	330	NNW	64.6	6.4	1.1	1	0	0	0
4-Dec-09	1200	50.7	329	NNW	72.2	3.4	0.1	1.2	0	0	0
4-Dec-09	1300	42.4	339	NNW	68.2	0.6	0.2	0	0	0	0
4-Dec-09	1400	51.7	330	NNW	73.2	4.9	1.3	0	0	0	0
4-Dec-09	1500	51.6	327	NNW	72.9	1.7	1.0	0	0	0	0
4-Dec-09	1600	43.5	341	NNW	69.0	7.9	3.0	0	0	0	0
4-Dec-09	1700	54.8	334	NNW	75.3	5.5	0.8	0	0	0	0
4-Dec-09	1800	59.3	325	NW	76.1	0.6	0.1	0	0	0	0
4-Dec-09	1900	48.7	330	NNW	71.2	9.4	1.0	0	0	0	0
4-Dec-09	2000	45.5	332	NNW	69.3	9.8	0.3	0	0	0	0
4-Dec-09	2100	53.9	334	NNW	70.8	4.9	0.5	0	0	0	0
4-Dec-09	2200	55.5	338	NNW	73.8	24.7	2.4	0	0	0	0
4-Dec-09	2300	50.2	334	NNW	71.9	7.7	2.3	4	0	0	0

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4-Dec-09	2400	53.8	329	NNW	73.1	65.9	1.9	0.7	0	0	0
5-Dec-09	100	52.6	325	NW	74.4	43.3	1.7	6.4	0	0	0
5-Dec-09	200	62.6	324	NW	75.5	27.5	0.3	5	0	0	0
5-Dec-09	300	55.3	324	NW	72.3	30.9	1.7	0	0	0	0
5-Dec-09	400	50.9	329	NNW	73.7	12.8	2.1	0.2	0	0	0
5-Dec-09	500	54.2	325	NW	73.5	23.7	1.7	0	0	0	0
5-Dec-09	600	54.7	339	NNW	72.8	107.1	2.9	0	0	0	0
5-Dec-09	700	50.8	328	NNW	72.0	9.6	2.1	0	0	0	0
5-Dec-09	800	52.0	332	NNW	74.8	17.7	4.0	9.4	0	0	0
5-Dec-09	900	46.7	332	NNW	70.9	40.1	2.7	6.3	0	0	0
5-Dec-09	1000	48.4	328	NNW	74.0	21.8	1.0	0	0	0	0
5-Dec-09	1100	52.7	329	NNW	77.0	20.9	0.8	0	0	0	0
5-Dec-09	1200	51.9	324	NW	74.9	35.2	0.8	0	0	0	0
5-Dec-09	1300	50.9	334	NNW	73.7	17.9	0.2	2.8	0	0	0
5-Dec-09	1400	46.1	322	NW	72.9	5.5	0.2	3.2	0	0	0
5-Dec-09	1500	47.0	332	NNW	73.3	1.9	1.0	0	0	0	0

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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											
5-Dec-09	1600	40.0	331	NNW	67.1	7.5	0.6	0	0	0	0
5-Dec-09	1700	40.5	334	NNW	67.0	4.3	0.4	0	0	0	0
5-Dec-09	1800	44.8	343	NNW	70.5	8.3	1.3	0	0	0	0
5-Dec-09	1900	44.8	350	N	65.6	38.6	0.8	7.8	0	0	0
5-Dec-09	2000	44.6	359	N	68.7	4.7	1.7	3.5	0	0	0
5-Dec-09	2100	37.6	359	N	63.2	88.1	4.8	3.5	0	0	0
5-Dec-09	2200	42.9	357	N	67.5	14.1	0.5	2	0	0	0
5-Dec-09	2300	29.3	8	N	60.8	7.3	0.5	0	0	0	0
5-Dec-09	2400	40.1	352	N	66.8	11.1	0.6	0	0	0	0
6-Dec-09	100	35.4	349	N	63.6	14.3	4.3	0	0	0	0
6-Dec-09	200	37.0	351	N	65.5	19.0	3.1	0	0	0	0
6-Dec-09	300	44.1	358	N	68.6	17.9	5.3	0	0	0	0
6-Dec-09	400	35.3	9	N	63.6	12.2	4.7	0	0	0	0
6-Dec-09	500	31.8	345	NNW	63.5	14.1	0.6	0	0	0	0
6-Dec-09	600	39.1	353	N	66.3	13.9	3.4	0	0	0	0
6-Dec-09	700	39.3	1	N	66.5	12.2	0.7	3	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 Dalight Saving 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											
6-Dec-09	800	36.9	355	N	64.3	16.0	3.5	0.2	0	0	0
6-Dec-09	900	29.1	356	N	60.8	3.0	1.5	0	0	0	0
6-Dec-09	1000	32.3	356	N	63.3	4.3	1.7	0	0	0	0
6-Dec-09	1100	31.8	350	N	61.2	2.6	0.6	0	0	0	0
6-Dec-09	1200	27.3	337	NNW	57.5	1.3	0.2	0	0	0	0
6-Dec-09	1300	25.8	360	N	54.4	4.1	0.3	0	0	0	0
6-Dec-09	1400	24.2	354	N	55.6	8.5	3.6	0	0	0	0
6-Dec-09	1500	20.3	353	N	48.3	25.2	4.9	0	0	0	0
6-Dec-09	1600	17.3	345	NNW	44.5	7.3	2.8	0	0	0	0
6-Dec-09	1700	18.5	346	NNW	49.7	6.8	2.9	0	0	0	0
6-Dec-09	1800	15.1	335	NNW	45.6	7.3	1.7	0	0	0	0
6-Dec-09	1900	17.1	341	NNW	43.9	7.7	3.3	0	0	0	0
6-Dec-09	2000	14.7	340	NNW	44.1	0.4	0.3	0	0	0	0
6-Dec-09	2100	13.3	352	N	41.1	6.2	3.0	0	0	0	0
6-Dec-09	2200	15.4	2	N	42.0	13.4	1.7	0	0	0	0
6-Dec-09	2300	14.9	354	N	44.9	7.7	0.8	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 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 Dalight Saving 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											
6-Dec-09	2400	10.0	352	N	40.8	12.4	3.7	0	0	0	0
7-Dec-09	100	3.8	326	NW	40.3	8.8	4.9	0	0	0	0
7-Dec-09	200	5.3	263	W	38.6	9.8	5.4	0	0	0	0
7-Dec-09	300	8.7	278	W	39.5	8.8	2.3	0	0	0	0
7-Dec-09	400	5.9	255	WSW	47.3	4.3	3.1	0	0	0	0
7-Dec-09	500	9.2	233	SW	40.9	7.3	2.8	0	0	0	0
7-Dec-09	600	10.3	262	W	41.0	5.3	0.6	0	0	0	0
7-Dec-09	700	11.3	261	W	48.9	11.7	3.4	0	0	0	0