

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											
25-Oct-10	800	24.0	331	NNW	56.3	2.4	0.8	0	0	0	0
25-Oct-10	900	17.0	342	NNW	53.2	5.8	1.5	0	0	0	0
25-Oct-10	1000	21.4	339	NNW	55.1	3.2	1.3	0	0	0	0
25-Oct-10	1100	25.6	335	NNW	58.2	5.6	1.7	0	0	0	0
25-Oct-10	1200	22.7	338	NNW	56.3	5.3	0.9	0	0	0	0
25-Oct-10	1300	15.4	345	NNW	52.3	5.3	2.4	0	0	0	0
25-Oct-10	1400	15.9	347	NNW	52.7	4.2	0.5	0	0	0	0
25-Oct-10	1500	15.8	344	NNW	53.2	3.5	0.9	0	0	0	0
25-Oct-10	1600	14.9	348	NNW	53.2	4.2	1.3	0	0	0	0
25-Oct-10	1700	13.3	347	NNW	49.3	3.1	0.8	0	0	0	0
25-Oct-10	1800	13.0	349	NNW	48.8	4.1	1.9	0	0	0	0
25-Oct-10	1900	11.3	351	N	48.2	5.5	2.8	0	0	0	0
25-Oct-10	2000	8.7	358	N	47.0	2.8	1.5	0	0	0	0
25-Oct-10	2100	10.0	343	NNW	45.8	8.2	2.6	0	0	0	0
25-Oct-10	2200	8.5	344	NNW	46.4	10.9	1.8	0	0	0	0
25-Oct-10	2300	8.6	4	N	43.5	9.5	5.4	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											
25-Oct-10	2400	8.8	357	N	41.6	13.8	5.3	0	0	0	0
26-Oct-10	100	8.4	6	N	43.0	14.6	6.1	0	0	0	0
26-Oct-10	200	7.1	357	N	42.2	13.8	3.7	0	0	0	0
26-Oct-10	300	6.7	347	NNW	42.4	20.4	5.8	0	0	0	0
26-Oct-10	400	6.9	356	N	43.1	29.1	11.7	0	0	0	0
26-Oct-10	500	8.0	20	NNE	45.2	22.5	10.8	0	0	0	0
26-Oct-10	600	6.3	4	N	48.4	21.4	7.2	0	0	0	0
26-Oct-10	700	6.7	38	NE	52.4	34.9	9.5	0	0	0	0
26-Oct-10	800	5.8	12	NNE	53.9	35.4	11.4	0	0	0	0
26-Oct-10	900	6.9	13	NNE	53.2	42.7	12.1	0	0	0	0
26-Oct-10	1000	6.3	356	N	52.3	52.1	18.3	0	0	0	0
26-Oct-10	1100	6.8	356	N	53.8	43.0	18.6	0	0	0	0
26-Oct-10	1200	8.2	353	N	53.7	34.8	12.6	0	0	0	0
26-Oct-10	1300	7.9	356	N	53.3	47.8	16.7	0	0	0	0
26-Oct-10	1400	9.6	342	NNW	52.6	60.3	24.7	0	0	0	0
26-Oct-10	1500	10.4	336	NNW	52.9	62.3	21.2	0	0	0	0

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26-Oct-10	1600	8.2	348	NNW	53.0	46.8	17.2	0	0	0	0
26-Oct-10	1700	7.2	356	N	51.1	47.4	20.3	0	0	0	0
26-Oct-10	1800	6.8	334	NNW	50.5	47.2	16.3	0	0	0	0
26-Oct-10	1900	5.6	328	NNW	49.2	49.8	17.6	0	0	0	0
26-Oct-10	2000	3.7	250	WSW	46.4	48.1	18.1	0	0	0	0
26-Oct-10	2100	3.2	167	SSE	47.2	48.5	19.7	0	0	0	0
26-Oct-10	2200	5.8	197	SSW	46.6	53.7	21.1	0	0	0	0
26-Oct-10	2300	7.0	226	SW	44.1	49.8	17.5	0	0	0	0
26-Oct-10	2400	8.5	224	SW	44.7	32.6	11.9	0	0	0	0
27-Oct-10	100	7.6	219	SW	43.3	30.5	12.8	0	0	0	0
27-Oct-10	200	7.1	238	WSW	45.8	35.4	12.4	0	0	0	0
27-Oct-10	300	4.0	344	NNW	43.7	35.4	14.7	0	0	0	0
27-Oct-10	400	6.7	77	ENE	43.9	N/A	N/A	0	0	0	0
27-Oct-10	500	6.1	52	NE	44.9	N/A	N/A	0	0	0	0
27-Oct-10	600	5.2	9	N	50.2	N/A	N/A	0	1	0	0
27-Oct-10	700	5.0	350	N	53.8	N/A	N/A	0	0	0	0

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Alarms											
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27-Oct-10	800	8.0	227	SW	55.8	N/A	N/A	0	0	0	0
27-Oct-10	900	6.9	218	SW	54.6	N/A	N/A	0	0	0	0
27-Oct-10	1000	3.3	179	S	54.1	N/A	N/A	0	0	0	0
27-Oct-10	1100	3.9	109	ESE	54.8	N/A	N/A	0	0	0	0
27-Oct-10	1200	6.9	44	NE	54.8	N/A	N/A	0	0	0	0
27-Oct-10	1300	4.4	32	NNE	54.9	N/A	N/A	0	0	0	0
27-Oct-10	1400	3.9	199	SSW	54.5	N/A	N/A	0	0	0	0
27-Oct-10	1500	5.4	228	SW	53.8	N/A	N/A	0	0	0	0
27-Oct-10	1600	10.0	219	SW	52.2	N/A	N/A	0	0	0	0
27-Oct-10	1700	13.1	218	SW	51.4	N/A	N/A	0	0	0	0
27-Oct-10	1800	14.7	224	SW	50.6	N/A	N/A	0	0	0	0
27-Oct-10	1900	11.6	229	SW	49.4	N/A	5.0	0	0	0	0
27-Oct-10	2000	15.2	233	SW	49.3	N/A	1.6	0	0	0	0
27-Oct-10	2100	9.9	226	SW	49.8	N/A	9.3	0	0	0	0
27-Oct-10	2200	12.3	228	SW	54.7	N/A	14.5	0	0	0	0
27-Oct-10	2300	12.4	230	SW	52.2	37.8	12.0	0	0	0	0

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27-Oct-10	2400	12.2	221	SW	52.9	23.2	11.0	0	0	0	0
28-Oct-10	100	11.1	231	SW	52.7	9.7	4.2	0	1	0	0
28-Oct-10	200	9.4	245	WSW	51.3	8.0	1.5	0	1	0	0
28-Oct-10	300	11.7	261	W	46.1	4.2	4.0	0	0	0	0
28-Oct-10	400	14.0	267	W	49.1	12.0	6.3	0	0	0	0
28-Oct-10	500	15.5	268	W	49.5	9.2	4.6	0	0	0	0
28-Oct-10	600	13.9	306	NW	52.1	12.9	4.0	0	0	0	0
28-Oct-10	700	12.2	317	NW	55.1	16.4	9.1	0	0	0	0
28-Oct-10	800	10.6	328	NNW	57.7	31.5	7.7	0	0	0	0
28-Oct-10	900	8.0	326	NW	57.4	30.9	8.2	0	0	0	0
28-Oct-10	1000	4.1	263	W	56.5	19.3	2.6	0	0	0	0
28-Oct-10	1100	5.0	288	WNW	54.4	58.6	12.0	0	0	0	0
28-Oct-10	1200	9.4	217	SW	54.6	10.3	4.6	0	0	0	0
28-Oct-10	1300	6.4	186	S	54.1	17.0	7.2	0	0	0	0
28-Oct-10	1400	9.3	159	SSE	54.4	21.7	9.7	0	0	0	0
28-Oct-10	1500	10.1	159	SSE	54.5	31.3	14.1	0	0	0	0

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28-Oct-10	1600	6.9	144	SE	52.9	50.2	17.7	0	0	0	0
28-Oct-10	1700	8.4	162	SSE	50.7	56.3	22.5	0	0	0	0
28-Oct-10	1800	8.3	158	SSE	49.8	79.0	19.9	0	0	0	0
28-Oct-10	1900	10.0	164	SSE	49.8	72.9	26.5	0	0	0	0
28-Oct-10	2000	11.4	174	S	49.0	97.3	36.1	0	0	0	0
28-Oct-10	2100	11.6	194	SSW	48.9	N/A	50.8	0	0	0	0
28-Oct-10	2200	12.2	209	SSW	49.5	93.3	37.3	0	0	0	0
28-Oct-10	2300	10.4	229	SW	50.6	57.1	21.6	0	1	0	0
28-Oct-10	2400	5.5	317	NW	47.9	94.6	42.4	0	0	0	0
29-Oct-10	100	6.1	315	NW	53.5	N/A	37.0	0	1	0	0
29-Oct-10	200	15.0	277	W	49.4	35.5	1.7	0	0	0	0
29-Oct-10	300	18.2	279	W	48.5	1.4	1.2	0	0	0	0
29-Oct-10	400	16.4	272	W	48.5	4.0	0.7	0	0	0	0
29-Oct-10	500	9.1	290	WNW	47.3	4.3	0.9	0	0	0	0
29-Oct-10	600	10.1	337	NNW	51.7	16.3	4.7	0	1	0	0
29-Oct-10	700	11.4	313	NW	55.8	14.9	4.5	0	0	0	0

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29-Oct-10	900	7.7	310	NW	53.4	10.1	3.6	0	0	0	0
29-Oct-10	1000	9.6	273	W	51.1	5.9	0.8	0	0	0	0
29-Oct-10	1100	16.0	282	WNW	49.3	1.4	0.9	0	0	0	0
29-Oct-10	1200	17.9	274	W	49.7	4.5	2.1	0	0	0	0
29-Oct-10	1300	16.2	276	W	48.8	2.2	1.7	0	0	0	0
29-Oct-10	1400	19.3	260	W	51.1	2.2	0.3	0	0	0	0
29-Oct-10	1500	23.1	253	WSW	52.3	6.4	3.7	0	0	0	0
29-Oct-10	1600	20.4	255	WSW	50.1	2.5	0.4	0	0	0	0
29-Oct-10	1700	15.4	249	WSW	49.6	4.2	2.5	0	0	0	0
29-Oct-10	1800	12.2	245	WSW	50.3	14.6	5.7	0	0	0	0
29-Oct-10	1900	13.7	261	W	51.6	21.8	10.2	0	0	0	0
29-Oct-10	2000	13.6	262	W	50.3	4.9	3.2	0	0	0	0
29-Oct-10	2100	12.3	253	WSW	51.7	4.5	2.9	0	0	0	0
29-Oct-10	2200	12.4	233	SW	51.1	12.6	3.8	0	0	0	0
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30-Oct-10	900	8.6	233	SW	53.3	9.1	4.6	0	0	0	0
30-Oct-10	1000	8.7	225	SW	53.5	6.3	4.6	0	0	0	0
30-Oct-10	1100	10.3	211	SSW	52.4	9.2	4.9	0	0	0	0
30-Oct-10	1200	7.4	206	SSW	53.2	4.3	0.6	0	0	0	0
30-Oct-10	1300	9.5	199	SSW	52.5	2.5	0.5	0	0	0	0
30-Oct-10	1400	11.6	181	S	52.2	9.4	3.4	0	0	0	0
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30-Oct-10	1600	11.3	164	SSE	49.1	9.0	5.4	0	0	0	0
30-Oct-10	1700	9.2	215	SW	46.9	10.0	0.9	0	0	0	0
30-Oct-10	1800	12.8	239	WSW	45.1	1.5	0.9	0	0	0	0
30-Oct-10	1900	21.0	260	W	49.0	4.1	3.0	0	0	0	0
30-Oct-10	2000	22.2	262	W	49.4	3.3	1.8	0	0	0	0
30-Oct-10	2100	19.8	264	W	47.1	2.0	1.2	0	0	0	0
30-Oct-10	2200	17.5	263	W	46.5	2.4	1.9	0	0	0	0
30-Oct-10	2300	19.0	263	W	46.7	2.8	1.1	0	0	0	0
30-Oct-10	2400	13.8	248	WSW	43.2	3.1	0.9	0	0	0	0
31-Oct-10	100	11.2	260	W	42.8	3.2	1.6	0	0	0	0
31-Oct-10	200	14.1	252	WSW	43.2	2.6	1.3	0	0	0	0
31-Oct-10	300	13.3	250	WSW	43.0	4.6	1.5	0	0	0	0
31-Oct-10	400	13.2	255	WSW	42.7	2.0	0.7	0	0	0	0
31-Oct-10	500	14.3	265	W	43.3	3.6	1.5	0	0	0	0
31-Oct-10	600	14.0	264	W	43.8	3.9	2.0	0	0	0	0
31-Oct-10	700	13.9	263	W	46.1	2.8	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 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											
31-Oct-10	800	14.0	254	WSW	47.3	1.5	0.7	0	0	0	0
31-Oct-10	900	13.0	261	W	48.8	1.3	0.4	0	0	0	0
31-Oct-10	1000	13.1	252	WSW	48.7	2.1	0.5	0	0	0	0
31-Oct-10	1100	11.2	257	WSW	48.9	3.9	0.7	0	0	0	0
31-Oct-10	1200	8.5	261	W	50.0	1.8	0.8	0	0	0	0
31-Oct-10	1300	9.8	255	WSW	50.0	1.6	1.4	0	0	0	0
31-Oct-10	1400	7.9	246	WSW	49.7	1.4	0.4	0	0	0	0
31-Oct-10	1500	11.2	242	WSW	49.5	1.4	0.4	0	0	0	0
31-Oct-10	1600	16.6	258	WSW	48.4	1.3	0.4	0	0	0	0
31-Oct-10	1700	19.0	259	WSW	48.7	1.8	0.4	0	0	0	0
31-Oct-10	1800	13.6	257	WSW	48.4	1.5	0.6	0	0	0	0
31-Oct-10	1900	9.3	257	WSW	47.7	1.7	0.6	0	0	0	0
31-Oct-10	2000	9.9	260	W	46.9	15.3	0.5	0	0	0	0
31-Oct-10	2100	9.3	249	WSW	46.3	35.7	0.6	0	0	0	0
31-Oct-10	2200	10.3	256	WSW	46.6	1.4	0.9	0	0	0	0
31-Oct-10	2300	11.4	256	WSW	44.5	2.5	0.9	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											
31-Oct-10	2400	11.4	248	WSW	43.1	2.5	0.6	0	0	0	0
1-Nov-10	100	11.2	242	WSW	42.8	1.3	0.3	0	0	0	0
1-Nov-10	200	13.1	241	WSW	43.0	1.7	0.7	0	0	0	0
1-Nov-10	300	14.6	243	WSW	43.6	1.5	0.4	0	0	0	0
1-Nov-10	400	12.2	240	WSW	42.1	1.2	0.4	0	0	0	0
1-Nov-10	500	10.6	216	SW	45.0	1.5	0.4	0	0	0	0
1-Nov-10	600	12.9	200	SSW	49.9	1.2	0.5	0	0	0	0
1-Nov-10	700	13.2	195	SSW	53.7	2.9	0.8	0	0	0	0