

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											
1-Nov-10	800	10.3	209	SSW	54.9	7.9	2.1	0	0	0	0
1-Nov-10	900	11.8	227	SW	55.3	10.7	1.9	0	0	0	0
1-Nov-10	1000	13.1	280	W	52.3	3.1	0.7	0	0	0	0
1-Nov-10	1100	15.3	299	WNW	51.2	11.2	1.1	0	0	0	0
1-Nov-10	1200	13.4	269	W	51.1	4.6	0.5	0	0	0	0
1-Nov-10	1300	10.6	259	W	51.2	6.5	1.8	0	0	0	0
1-Nov-10	1400	8.4	203	SSW	53.7	13.0	1.8	0	0	0	0
1-Nov-10	1500	12.0	178	S	53.7	18.6	0.8	0	0	0	0
1-Nov-10	1600	16.8	211	SSW	53.4	16.8	2.4	0	0	0	0
1-Nov-10	1700	25.7	246	WSW	54.6	6.8	0.4	0	0	0	0
1-Nov-10	1800	22.9	236	SW	53.5	2.5	0.9	0	0	0	0
1-Nov-10	1900	29.5	246	WSW	56.9	9.2	0.9	0	0	0	0
1-Nov-10	2000	31.8	239	WSW	59.9	4.5	0.4	0	0	0	0
1-Nov-10	2100	30.8	221	SW	61.7	4.6	0.4	0	0	0	0
1-Nov-10	2200	24.7	210	SSW	58.1	1.9	0.5	0	0	0	0
1-Nov-10	2300	17.0	216	SW	49.3	4.0	1.3	0	0	0	0

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Alarms											
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1-Nov-10	2400	14.9	230	SW	46.8	1.7	0.3	0	0	0	0
2-Nov-10	100	17.3	239	WSW	47.8	2.0	0.7	0	0	0	0
2-Nov-10	200	20.9	237	WSW	49.4	2.4	0.4	0	0	0	0
2-Nov-10	300	20.9	237	WSW	51.9	1.8	1.5	0	0	0	0
2-Nov-10	400	19.9	236	WSW	51.3	1.6	0.6	0	0	0	0
2-Nov-10	500	14.8	259	W	48.8	1.9	0.4	0	0	0	0
2-Nov-10	600	12.9	265	W	51.6	2.4	0.5	0	0	0	0
2-Nov-10	700	14.9	263	W	54.9	3.5	1.6	0	0	0	0
2-Nov-10	800	14.2	262	W	56.0	1.9	0.4	0	0	0	0
2-Nov-10	900	15.4	265	W	53.5	4.2	2.2	0	0	0	0
2-Nov-10	1000	18.1	260	W	51.4	2.8	2.1	0	0	0	0
2-Nov-10	1100	19.0	261	W	51.9	2.2	1.0	0	0	0	0
2-Nov-10	1200	21.6	276	W	52.7	7.0	0.9	0	0	0	0
2-Nov-10	1300	19.6	277	W	53.4	3.4	0.4	0	0	0	0
2-Nov-10	1400	17.8	282	WNW	51.0	1.6	1.0	0	0	0	0
2-Nov-10	1500	23.1	285	WNW	52.3	3.4	0.7	0	0	0	0

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2-Nov-10	1600	20.9	275	W	52.5	2.4	0.3	0	0	0	0
2-Nov-10	1700	18.1	270	W	48.8	3.3	1.0	0	0	0	0
2-Nov-10	1800	15.9	261	W	49.2	6.3	3.0	0	0	0	0
2-Nov-10	1900	17.4	262	W	50.6	7.4	3.6	0	0	0	0
2-Nov-10	2000	19.9	262	W	50.1	5.6	1.5	0	0	0	0
2-Nov-10	2100	18.5	265	W	49.7	2.9	0.9	0	0	0	0
2-Nov-10	2200	18.0	263	W	49.9	3.7	2.2	0	0	0	0
2-Nov-10	2300	16.6	259	W	47.5	3.5	1.2	0	0	0	0
2-Nov-10	2400	25.1	265	W	53.2	10.5	1.7	0	0	0	0
3-Nov-10	100	22.8	267	W	51.0	6.0	1.7	0	0	0	0
3-Nov-10	200	17.4	258	WSW	49.1	5.0	2.7	0	0	0	0
3-Nov-10	300	14.7	250	WSW	50.5	5.0	1.5	0	0	0	0
3-Nov-10	400	15.2	257	WSW	50.7	4.2	0.9	0	0	0	0
3-Nov-10	500	16.6	265	W	48.2	5.5	2.0	0	0	0	0
3-Nov-10	600	18.0	270	W	48.9	2.9	1.4	0	0	0	0
3-Nov-10	700	14.2	273	W	53.6	2.4	1.0	0	0	0	0

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3-Nov-10	800	14.0	272	W	56.1	4.8	1.5	0	0	0	0
3-Nov-10	900	10.9	265	W	54.8	5.8	2.1	0	0	0	0
3-Nov-10	1000	10.8	271	W	63.3	9.2	2.4	0	0	0	0
3-Nov-10	1100	7.7	230	SW	51.5	6.9	0.9	0	0	0	0
3-Nov-10	1200	10.6	173	S	53.6	10.2	2.9	0	0	0	0
3-Nov-10	1300	13.5	161	SSE	54.8	23.1	1.5	0	0	0	0
3-Nov-10	1400	17.3	161	SSE	53.5	20.9	6.7	0	0	0	0
3-Nov-10	1500	17.3	159	SSE	53.3	33.6	1.5	0	0	0	0
3-Nov-10	1600	16.7	157	SSE	51.9	32.9	2.7	0	0	0	0
3-Nov-10	1700	16.5	159	SSE	50.8	35.3	6.8	0	0	0	0
3-Nov-10	1800	13.8	150	SSE	49.4	32.3	4.1	0	0	0	0
3-Nov-10	1900	14.2	155	SSE	48.7	38.9	7.7	0	0	0	0
3-Nov-10	2000	13.9	169	S	48.8	55.6	11.4	0	0	0	0
3-Nov-10	2100	12.1	181	S	47.8	55.4	11.7	0	0	0	0
3-Nov-10	2200	11.3	191	S	48.4	51.1	10.0	0	0	0	0
3-Nov-10	2300	11.6	222	SW	49.5	47.8	11.8	0	0	0	0

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3-Nov-10	2400	7.7	248	WSW	51.9	23.9	4.1	0	1	0	0
4-Nov-10	100	6.2	243	WSW	52.8	17.9	7.4	0	1	0	0
4-Nov-10	200	8.4	254	WSW	52.0	16.0	4.3	0	1	0	0
4-Nov-10	300	8.6	247	WSW	50.9	13.6	3.3	0	1	0	0
4-Nov-10	400	7.9	236	SW	49.8	10.7	3.3	0	0	0	0
4-Nov-10	500	10.9	227	SW	50.4	8.3	3.1	0	1	0	0
4-Nov-10	600	12.0	234	SW	51.2	8.4	2.6	0	0	0	0
4-Nov-10	700	15.7	238	WSW	53.6	5.6	1.3	0	0	0	0
4-Nov-10	800	13.3	246	WSW	54.5	11.9	2.2	0	0	0	0
4-Nov-10	900	15.6	265	W	55.0	13.7	3.6	0	0	0	0
4-Nov-10	1000	15.4	258	WSW	52.7	12.9	2.5	0	0	0	0
4-Nov-10	1100	17.6	267	W	50.7	12.1	3.0	0	0	0	0
4-Nov-10	1200	25.0	265	W	54.4	19.4	1.0	0	0	0	0
4-Nov-10	1300	32.1	272	W	58.8	6.2	0.5	0	0	0	0
4-Nov-10	1400	27.8	259	W	56.2	9.4	1.3	0	0	0	0
4-Nov-10	1500	25.7	261	W	54.1	7.2	0.5	0	0	0	0

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4-Nov-10	1600	18.7	260	W	50.9	10.3	0.6	0	0	0	0
4-Nov-10	1700	15.2	257	WSW	49.9	3.8	0.4	0	0	0	0
4-Nov-10	1800	15.7	255	WSW	50.0	5.0	0.4	0	0	0	0
4-Nov-10	1900	18.5	263	W	49.4	4.6	2.8	0	0	0	0
4-Nov-10	2000	15.7	253	WSW	49.2	2.2	1.1	0	0	0	0
4-Nov-10	2100	14.0	258	WSW	48.4	2.1	0.9	0	0	0	0
4-Nov-10	2200	11.1	252	WSW	49.3	2.6	1.1	0	0	0	0
4-Nov-10	2300	10.0	236	SW	49.8	4.9	1.4	0	0	0	0
4-Nov-10	2400	11.1	231	SW	51.1	5.8	1.7	0	1	0	0
5-Nov-10	100	8.3	243	WSW	48.9	1.8	0.7	0	0	0	0
5-Nov-10	200	9.1	251	WSW	49.0	2.2	0.6	0	0	0	0
5-Nov-10	300	8.9	197	SSW	48.0	4.1	0.7	0	0	0	0
5-Nov-10	400	13.1	184	S	46.6	4.8	0.7	0	0	0	0
5-Nov-10	500	15.9	198	SSW	48.8	5.3	0.7	0	0	0	0
5-Nov-10	600	14.8	200	SSW	51.6	11.0	1.5	0	0	0	0
5-Nov-10	700	10.1	192	SSW	52.9	22.3	3.8	0	0	0	0

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5-Nov-10	800	10.6	185	S	55.0	38.2	5.9	0	0	0	0
5-Nov-10	900	10.2	177	S	54.8	80.7	13.1	0	0	0	0
5-Nov-10	1000	9.5	184	S	54.9	62.6	12.1	0	0	0	0
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5-Nov-10	1800	12.0	348	NNW	51.1	54.2	8.8	0	0	0	0
5-Nov-10	1900	12.5	354	N	51.4	55.9	12.3	0	0	0	0
5-Nov-10	2000	9.6	359	N	51.4	39.7	6.9	0	0	0	0
5-Nov-10	2100	7.4	354	N	53.1	34.7	9.5	0	0	0	0
5-Nov-10	2200	6.7	356	N	50.9	35.8	4.4	0	1	0	0
5-Nov-10	2300	6.8	42	NE	46.7	32.7	8.5	0	0	0	0

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6-Nov-10	400	7.1	30	NNE	46.1	11.8	1.0	0	0	0	0
6-Nov-10	500	7.6	71	ENE	46.1	52.0	10.0	0	0	0	0
6-Nov-10	600	5.0	141	SE	49.1	75.1	13.8	0	0	0	0
6-Nov-10	700	8.7	138	SE	51.8	38.5	12.3	0	0	0	0
6-Nov-10	800	12.5	168	SSE	53.8	41.2	7.7	0	0	0	0
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6-Nov-10	1100	25.1	180	S	59.1	16.7	3.9	0	0	0	0
6-Nov-10	1200	17.3	180	S	54.5	15.9	4.4	0	0	0	0
6-Nov-10	1300	15.5	164	SSE	54.4	18.3	4.5	0	0	0	0
6-Nov-10	1400	12.6	165	SSE	52.3	24.9	4.2	0	0	0	0
6-Nov-10	1500	8.5	164	SSE	51.3	30.7	2.9	0	0	0	0

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6-Nov-10	1600	8.3	155	SSE	50.9	44.9	2.2	0	0	0	0
6-Nov-10	1700	6.5	116	ESE	50.3	64.5	11.7	0	0	0	0
6-Nov-10	1800	9.0	149	SSE	49.2	48.7	5.9	0	0	0	0
6-Nov-10	1900	8.5	145	SE	46.5	41.7	6.7	0	0	0	0
6-Nov-10	2000	7.8	190	S	46.1	37.6	4.2	0	0	0	0
6-Nov-10	2100	17.3	332	NNW	50.1	45.2	16.8	0	0	0	0
6-Nov-10	2200	18.1	315	NW	49.6	43.5	13.7	0	0	0	0
6-Nov-10	2300	8.5	359	N	46.1	41.7	11.4	0	0	0	0
6-Nov-10	2400	8.6	314	NW	46.5	48.7	7.7	0	0	0	0
7-Nov-10	100	8.1	164	SSE	45.5	42.1	9.4	0	0	0	0
7-Nov-10	200	8.0	96	E	44.2	48.5	10.1	0	0	0	0
7-Nov-10	300	8.1	130	SE	45.3	49.5	11.4	0	0	0	0
7-Nov-10	400	5.6	127	SE	46.5	44.9	6.9	0	0	0	0
7-Nov-10	500	8.3	144	SE	46.2	33.3	5.5	0	0	0	0
7-Nov-10	600	9.2	147	SSE	45.7	31.2	5.4	0	0	0	0
7-Nov-10	700	8.0	169	SSE	48.4	35.9	8.4	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											
7-Nov-10	800	14.0	179	S	49.8	47.4	5.6	0	0	0	0
7-Nov-10	900	13.6	187	S	50.5	24.1	3.8	0	0	0	0
7-Nov-10	1000	11.7	191	S	52.0	23.7	2.8	0	0	0	0
7-Nov-10	1100	13.9	181	S	51.8	18.2	1.8	0	0	0	0
7-Nov-10	1200	13.0	170	S	51.6	27.3	2.5	0	0	0	0
7-Nov-10	1300	10.1	188	S	51.1	12.2	4.5	0	0	0	0
7-Nov-10	1400	7.3	216	SW	49.1	3.3	2.0	0	0	0	0
7-Nov-10	1500	8.8	266	W	47.5	3.7	1.1	0	0	0	0
7-Nov-10	1600	11.0	265	W	48.4	3.5	0.8	0	0	0	0
7-Nov-10	1700	20.7	275	W	49.8	7.6	0.7	0	0	0	0
7-Nov-10	1800	14.5	300	WNW	48.1	8.2	2.1	0	0	0	0
7-Nov-10	1900	9.9	4	N	47.5	48.0	7.6	0	0	0	0
7-Nov-10	2000	12.0	331	NNW	45.8	56.4	15.5	0	0	0	0
7-Nov-10	2100	12.0	341	NNW	44.4	39.0	10.5	0	0	0	0
7-Nov-10	2200	11.5	345	NNW	44.5	23.7	9.9	0	0	0	0
7-Nov-10	2300	26.3	326	NW	54.7	9.0	1.2	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											
7-Nov-10	2400	33.3	325	NW	61.1	19.7	3.2	0	0	0	0
8-Nov-10	100	24.1	335	NNW	54.0	3.3	0.5	0	0	0	0
8-Nov-10	200	21.2	332	NNW	49.8	6.4	2.0	0	0	0	0
8-Nov-10	300	23.2	327	NNW	50.8	6.6	0.9	0	0	0	0
8-Nov-10	400	20.2	327	NNW	47.9	3.9	0.9	0	0	0	0
8-Nov-10	500	14.8	318	NW	44.2	2.3	0.9	0	0	0	0
8-Nov-10	600	11.2	304	WNW	44.7	9.2	1.4	0	0	0	0
8-Nov-10	700	11.7	298	WNW	47.8	2.3	1.7	0	0	0	0
8-Nov-10	800	9.2	307	NW	53.4	5.9	2.8	0	0	0	0