

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											
4-Oct-10	800	4.7	206	SSW	56.9	34.4	18.3	0	0	0	0
4-Oct-10	900	6.1	231	SW	54.9	18.3	15.2	0	0	0	0
4-Oct-10	1000	4.4	304	NW	54.9	16.2	7.7	0	0	0	0
4-Oct-10	1100	5.8	46	NE	54.6	36.3	11.0	0	0	0	0
4-Oct-10	1200	5.4	133	SE	54.3	39.1	24.5	0	0	0	0
4-Oct-10	1300	9.0	164	SSE	54.0	23.4	20.6	0	0	0	0
4-Oct-10	1400	6.3	249	WSW	53.6	14.7	11.9	0	0	0	0
4-Oct-10	1500	6.3	14	NNE	53.4	14.7	8.2	0.1	0	0	0
4-Oct-10	1600	16.8	19	NNE	53.5	41.1	1.9	0	0	0	0
4-Oct-10	1700	16.7	14	NNE	53.4	68.5	22.8	0	0	0	0
4-Oct-10	1800	10.2	4	N	51.7	71.0	29.7	0	0	0	0
4-Oct-10	1900	10.3	343	NNW	50.5	47.5	22.3	0	0	0	0
4-Oct-10	2000	10.0	338	NNW	50.2	41.2	16.7	0	0	0	0
4-Oct-10	2100	11.2	340	NNW	49.5	44.2	15.0	0	0	0	0
4-Oct-10	2200	13.8	338	NNW	49.3	43.4	16.0	0	0	0	0
4-Oct-10	2300	16.1	348	NNW	50.3	40.3	13.3	0	0	0	0

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4-Oct-10	2400	19.7	355	N	53.4	30.8	11.3	0	0	0	0
5-Oct-10	100	26.0	339	NNW	57.7	13.4	8.3	0.1	0	0	0
5-Oct-10	200	32.0	331	NNW	62.0	4.0	2.8	1	0	0	0
5-Oct-10	300	24.3	335	NNW	55.6	2.7	1.8	0.6	0	0	0
5-Oct-10	400	23.1	334	NNW	54.2	n/a	4.1	0	0	0	0
5-Oct-10	500	23.0	331	NNW	53.2	n/a	1.7	0.1	0	0	0
5-Oct-10	600	20.2	322	NW	54.3	2.9	2.4	0	0	0	0
5-Oct-10	700	9.3	274	W	55.5	3.5	2.9	0	0	0	0
5-Oct-10	800	9.5	291	WNW	56.2	1.7	1.4	0	0	0	0
5-Oct-10	900	10.5	318	NW	52.2	3.7	3.5	0	0	0	0
5-Oct-10	1000	7.9	335	NNW	52.6	2.0	1.9	0	0	0	0
5-Oct-10	1100	6.2	111	ESE	54.7	3.1	2.8	0	0	0	0
5-Oct-10	1200	11.6	185	S	54.4	1.7	1.5	0	0	0	0
5-Oct-10	1300	15.5	189	S	54.2	2.6	0.7	0	0	0	0
5-Oct-10	1400	16.1	185	S	54.4	1.9	1.6	0	0	0	0
5-Oct-10	1500	17.5	179	S	55.1	2.3	1.5	0	0	0	0

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5-Oct-10	1600	17.4	177	S	53.8	2.8	1.6	0	0	0	0
5-Oct-10	1700	20.6	168	SSE	54.3	2.1	0.9	0	0	0	0
5-Oct-10	1800	18.9	175	S	52.2	2.0	1.9	0	0	0	0
5-Oct-10	1900	18.1	181	S	51.5	2.0	1.2	0	0	0	0
5-Oct-10	2000	12.0	198	SSW	49.0	2.5	2.1	0	0	0	0
5-Oct-10	2100	12.8	225	SW	51.8	2.3	2.2	0	0	0	0
5-Oct-10	2200	13.2	245	WSW	51.9	1.7	1.5	0	0	0	0
5-Oct-10	2300	19.0	267	W	50.9	2.7	1.5	0	0	0	0
5-Oct-10	2400	16.2	258	WSW	50.6	1.4	0.8	0	0	0	0
6-Oct-10	100	18.3	275	W	50.1	1.0	0.8	0	0	0	0
6-Oct-10	200	18.5	272	W	48.7	1.4	0.7	0	0	0	0
6-Oct-10	300	16.0	270	W	48.3	2.4	0.8	0	0	0	0
6-Oct-10	400	19.4	278	W	49.3	1.2	0.7	0	0	0	0
6-Oct-10	500	18.6	279	W	48.0	1.5	0.6	0	0	0	0
6-Oct-10	600	18.2	273	W	50.9	1.2	0.6	0	0	0	0
6-Oct-10	700	17.7	279	W	54.2	1.0	0.7	0	0	0	0

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6-Oct-10	800	15.6	269	W	55.4	1.4	1.0	0	0	0	0
6-Oct-10	900	12.8	255	WSW	54.6	1.6	1.0	0	0	0	0
6-Oct-10	1000	10.5	225	SW	55.1	1.9	0.5	0	0	0	0
6-Oct-10	1100	12.2	189	S	54.9	1.3	1.2	0	0	0	0
6-Oct-10	1200	14.6	164	SSE	54.7	2.0	1.7	0	0	0	0
6-Oct-10	1300	16.3	155	SSE	56.7	1.5	0.9	0	0	0	0
6-Oct-10	1400	17.5	156	SSE	56.1	1.8	1.4	0	0	0	0
6-Oct-10	1500	16.2	152	SSE	56.1	1.1	0.9	0	0	0	0
6-Oct-10	1600	18.6	149	SSE	55.9	1.4	0.6	0	0	0	0
6-Oct-10	1700	19.7	158	SSE	54.3	2.5	0.7	0	0	0	0
6-Oct-10	1800	16.2	160	SSE	51.5	20.5	3.0	0	0	0	0
6-Oct-10	1900	11.7	158	SSE	49.6	24.1	9.0	0	0	0	0
6-Oct-10	2000	13.7	169	SSE	49.6	27.3	9.3	0	0	0	0
6-Oct-10	2100	13.2	180	S	48.6	18.2	7.3	0	0	0	0
6-Oct-10	2200	9.9	176	S	48.4	17.2	5.8	0	0	0	0
6-Oct-10	2300	8.7	223	SW	47.7	20.0	3.6	0	0	0	0

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6-Oct-10	2400	13.3	256	WSW	51.4	12.2	3.7	0	0	0	0
7-Oct-10	100	15.2	263	W	49.3	7.8	3.7	0	0	0	0
7-Oct-10	200	18.3	271	W	47.9	7.7	3.6	0	0	0	0
7-Oct-10	300	20.3	269	W	48.1	9.8	3.3	0	0	0	0
7-Oct-10	400	20.5	268	W	48.5	11.0	3.1	0	0	0	0
7-Oct-10	500	19.9	284	WNW	48.4	8.3	2.3	0	0	0	0
7-Oct-10	600	17.8	301	WNW	52.6	6.2	3.1	0	0	0	0
7-Oct-10	700	15.8	298	WNW	56.9	37.0	16.3	0	0	0	0
7-Oct-10	800	19.5	307	NW	56.8	38.7	11.1	0	0	0	0
7-Oct-10	900	20.6	301	WNW	54.1	28.3	12.1	0	0	0	0
7-Oct-10	1000	19.7	302	WNW	65.3	24.8	3.3	0	0	0	0
7-Oct-10	1100	19.4	310	NW	52.7	31.6	2.7	0	0	0	0
7-Oct-10	1200	20.6	320	NW	53.0	32.1	3.9	0	0	0	0
7-Oct-10	1300	17.1	321	NW	51.9	19.9	2.4	0	0	0	0
7-Oct-10	1400	11.0	350	N	53.3	26.1	2.4	0	0	0	0
7-Oct-10	1500	11.7	8	N	54.1	26.2	0.7	0	0	0	0

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7-Oct-10	1600	11.0	24	NNE	52.8	35.7	0.9	0	0	0	0
7-Oct-10	1700	7.2	44	NE	52.4	66.4	1.3	0	0	0	0
7-Oct-10	1800	5.6	63	ENE	52.4	45.6	3.7	0	0	0	0
7-Oct-10	1900	5.0	48	NE	49.7	65.4	10.5	0	0	0	0
7-Oct-10	2000	5.2	309	NW	48.0	76.7	12.6	0	0	0	0
7-Oct-10	2100	11.2	244	WSW	49.8	29.4	3.1	0	0	0	0
7-Oct-10	2200	17.2	258	WSW	50.5	17.8	7.3	0	0	0	0
7-Oct-10	2300	20.8	263	W	50.3	9.6	3.0	0	0	0	0
7-Oct-10	2400	21.8	267	W	48.8	7.9	2.5	0	0	0	0
8-Oct-10	100	18.6	261	W	47.7	6.9	3.4	0	0	0	0
8-Oct-10	200	18.1	262	W	47.3	7.9	1.5	0	0	0	0
8-Oct-10	300	18.2	258	WSW	48.4	5.4	1.2	0	0	0	0
8-Oct-10	400	17.6	256	WSW	48.8	7.0	3.6	0	0	0	0
8-Oct-10	500	20.6	268	W	49.4	8.8	2.3	0	0	0	0
8-Oct-10	600	20.6	272	W	51.1	12.5	3.4	0	0	0	0
8-Oct-10	700	19.9	270	W	54.0	12.2	2.4	0	0	0	0

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8-Oct-10	1200	13.4	341	NNW	53.9	26.8	9.6	0	0	0	0
8-Oct-10	1300	13.9	4	N	54.4	36.0	8.1	0	0	0	0
8-Oct-10	1400	15.0	17	NNE	55.0	46.3	8.1	0	0	0	0
8-Oct-10	1500	14.4	18	NNE	55.2	40.4	5.9	0	0	0	0
8-Oct-10	1600	13.0	15	NNE	52.9	28.7	5.3	0	0	0	0
8-Oct-10	1700	10.5	26	NNE	50.7	49.2	4.5	0	0	0	0
8-Oct-10	1800	7.4	48	NE	52.0	52.3	9.2	0	0	0	0
8-Oct-10	1900	8.7	75	ENE	52.1	93.1	11.4	0	0	0	0
8-Oct-10	2000	8.7	106	ESE	50.3	74.9	7.6	0	0	0	0
8-Oct-10	2100	8.8	156	SSE	50.6	36.6	4.6	0	0	0	0
8-Oct-10	2200	9.7	167	SSE	53.3	49.1	13.2	0	1	0	0
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9-Oct-10	1600	25.2	263	W	52.9	4.2	0.8	0	0	0	0
9-Oct-10	1700	19.5	262	W	48.6	6.4	1.0	0	0	0	0
9-Oct-10	1800	20.7	271	W	49.4	3.9	1.8	0	0	0	0
9-Oct-10	1900	22.8	274	W	49.9	2.2	1.2	0	0	0	0
9-Oct-10	2000	20.5	267	W	48.1	2.3	0.8	0	0	0	0
9-Oct-10	2100	15.3	246	WSW	45.9	4.1	0.6	0	0	0	0
9-Oct-10	2200	15.3	218	SW	47.4	6.5	2.5	0	0	0	0
9-Oct-10	2300	12.6	240	WSW	45.0	5.6	1.0	0	0	0	0
9-Oct-10	2400	10.7	249	WSW	43.9	2.9	0.6	0	0	0	0
10-Oct-10	100	19.4	234	SW	47.8	1.8	0.7	0	0	0	0
10-Oct-10	200	16.0	225	SW	46.2	1.3	0.5	0	0	0	0
10-Oct-10	300	11.0	236	SW	44.2	1.1	0.6	0	0	0	0
10-Oct-10	400	7.6	182	S	43.9	3.7	0.9	0	0	0	0
10-Oct-10	500	11.5	203	SSW	45.6	2.5	0.6	0	0	0	0
10-Oct-10	600	9.1	150	SSE	46.2	1.6	0.5	0	0	0	0
10-Oct-10	700	14.2	225	SW	45.3	1.1	0.6	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											
10-Oct-10	800	8.2	235	SW	45.9	1.5	0.5	0	0	0	0
10-Oct-10	900	6.9	148	SSE	46.2	2.0	0.8	0	0	0	0
10-Oct-10	1000	6.5	162	SSE	47.6	2.0	0.5	0	0	0	0
10-Oct-10	1100	8.2	179	S	47.9	4.1	1.0	0	0	0	0
10-Oct-10	1200	8.7	169	S	47.6	3.5	3.1	0	0	0	0
10-Oct-10	1300	9.7	150	SSE	48.0	4.5	0.5	0	0	0	0
10-Oct-10	1400	8.3	184	S	48.0	2.4	2.4	0	0	0	0
10-Oct-10	1500	6.2	215	SW	47.9	3.9	2.9	0	0	0	0
10-Oct-10	1600	9.7	262	W	47.7	3.0	1.4	0	0	0	0
10-Oct-10	1700	17.8	304	NW	54.6	17.7	1.1	0	0	0	0
10-Oct-10	1800	23.8	297	WNW	54.4	3.4	0.4	0	0	0	0
10-Oct-10	1900	15.3	264	W	46.8	2.1	2.0	0	0	0	0
10-Oct-10	2000	12.0	262	W	45.3	1.6	1.4	0	0	0	0
10-Oct-10	2100	20.7	303	WNW	55.2	10.3	2.4	0	0	0	0
10-Oct-10	2200	24.5	348	NNW	57.2	8.2	5.4	0	0	0	0
10-Oct-10	2300	19.8	354	N	50.5	3.7	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											
10-Oct-10	2400	17.7	339	NNW	47.7	1.6	0.8	0.8	0	0	0
11-Oct-10	100	9.9	346	NNW	45.0	1.7	0.8	0.7	0	0	0
11-Oct-10	200	8.2	63	ENE	43.4	1.5	1.2	0	0	0	0
11-Oct-10	300	6.8	156	SSE	44.0	1.3	0.5	0	0	0	0
11-Oct-10	400	8.7	186	S	43.7	2.6	0.6	0	0	0	0
11-Oct-10	500	9.6	195	SSW	44.4	3.6	0.7	0	0	0	0
11-Oct-10	600	12.5	195	SSW	47.2	5.1	1.6	0	0	0	0
11-Oct-10	700	14.2	187	S	46.9	1.6	1.0	0	0	0	0
11-Oct-10	800	15.6	185	S	48.2	2.0	0.9	0	0	0	0
11-Oct-10	900	18.2	188	S	50.7	5.3	3.1	0	0	0	0
11-Oct-10	1000	19.0	191	S	51.7	6.5	2.5	0	0	0	0
11-Oct-10	1100	15.9	179	S	49.5	7.4	1.1	0	0	0	0
11-Oct-10	1200	14.0	178	S	49.3	6.0	1.6	0	0	0	0
11-Oct-10	1300	17.4	166	SSE	50.5	3.4	0.7	0	0	0	0
11-Oct-10	1400	12.4	160	SSE	49.7	2.5	1.2	0	0	0	0
11-Oct-10	1500	14.9	159	SSE	50.1	4.6	1.6	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											
11-Oct-10	1600	20.5	157	SSE	52.3	2.2	0.9	0	0	0	0
11-Oct-10	1700	19.5	195	SSW	50.6	2.7	1.7	0.1	0	0	0
11-Oct-10	1800	19.2	251	WSW	47.6	6.3	5.2	0	0	0	0
11-Oct-10	1900	18.4	255	WSW	47.6	3.5	2.1	0	0	0	0
11-Oct-10	2000	17.3	251	WSW	45.8	1.6	1.2	0	0	0	0
11-Oct-10	2100	12.4	257	WSW	46.1	2.0	1.1	0	0	0	0
11-Oct-10	2200	12.3	253	WSW	45.1	2.3	1.4	0	0	0	0
11-Oct-10	2300	7.5	231	SW	44.7	3.8	1.7	0	0	0	0
11-Oct-10	2400	16.2	229	SW	47.5	5.4	1.2	0	0	0	0
12-Oct-10	100	28.3	256	WSW	55.3	5.9	0.8	0	0	0	0
12-Oct-10	200	29.6	259	W	56.8	3.1	0.6	0	0	0	0
12-Oct-10	300	30.5	264	W	57.1	4.0	0.9	0	0	0	0
12-Oct-10	400	20.6	266	W	47.9	1.4	0.9	0	0	0	0
12-Oct-10	500	25.6	271	W	52.1	2.7	0.8	0	0	0	0
12-Oct-10	600	20.5	262	W	51.7	3.4	0.6	0	0	0	0
12-Oct-10	700	14.9	264	W	53.6	1.3	0.6	0	0	0	0