

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											
1-Feb-09	900	10.1	216	SW	52.1	19.9	6.8	0	0	0	0
1-Feb-09	1000	9.2	167	SSE	52.5	21.4	7.4	0	0	0	0
1-Feb-09	1100	8.4	163	SSE	53.5	29.3	13.2	0	0	0	0
1-Feb-09	1200	10.2	163	SSE	53.7	45.9	14.0	0	0	0	0
1-Feb-09	1300	10.4	185	S	53.3	26.7	8.7	0	0	0	0
1-Feb-09	1400	7.0	178	S	51.4	34.3	12.9	0	0	0	0
1-Feb-09	1500	6.3	159	SSE	52.5	47.5	15.2	0	0	0	0
1-Feb-09	1600	6.7	159	SSE	53.9	70.1	24.8	0	0	0	0
1-Feb-09	1700	5.4	140	SE	51.4	105.4	35.7	0	0	0	0
1-Feb-09	1800	5.3	158	SSE	50.8	131.4	44.6	0	0	0	0
1-Feb-09	1900	9.3	214	SW	47.5	92.1	29.8	0	0	0	0
1-Feb-09	2000	7.9	233	SW	46.3	49.8	20.2	0	0	0	0
1-Feb-09	2100	8.1	319	NW	48.3	27.6	8.1	0	0	0	0
1-Feb-09	2200	8.6	300	WNW	48.9	21.0	10.8	0	0	0	0
1-Feb-09	2300	8.2	307	NW	46.4	5.7	4.3	0	0	0	0
1-Feb-09	2400	8.2	317	NW	45.0	22.9	10.3	0	0	0	0

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2-Feb-09	100	9.8	329	NNW	49.5	36.8	17.5	0	0	0	0
2-Feb-09	200	9.9	330	NNW	51.9	43.1	11.8	0	1	0	0
2-Feb-09	300	8.0	320	NW	51.9	62.2	19.2	0	1	0	0
2-Feb-09	400	9.2	316	NW	44.7	59.7	19.3	0	0	0	0
2-Feb-09	500	8.4	319	NW	44.4	66.5	25.0	0	0	0	0
2-Feb-09	600	7.1	306	NW	45.3	82.6	31.0	0	0	0	0
2-Feb-09	700	5.0	308	NW	50.6	94.5	34.2	0	1	0	0
2-Feb-09	800	3.7	336	NNW	53.8	96.6	30.0	0	0	0	0
2-Feb-09	900	4.1	221	SW	54.7	129.3	46.9	0	0	0	0
2-Feb-09	1000	3.0	27	NNE	53.7	115.0	43.0	0	0	0	0
2-Feb-09	1100	10.8	343	NNW	51.5	106.4	37.7	0	0	0	0
2-Feb-09	1200	9.7	327	NNW	52.0	101.0	36.3	0	0	0	0
2-Feb-09	1300	15.6	344	NNW	50.5	86.4	34.3	0	0	0	0
2-Feb-09	1400	15.3	2	N	52.1	103.8	34.3	0	0	0	0
2-Feb-09	1500	15.0	7	N	52.2	90.3	32.8	0	0	0	0
2-Feb-09	1600	9.2	7	N	52.3	119.3	41.7	0	0	0	0

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2-Feb-09	1700	9.1	26	NNE	61.8	146.3	52.2	0	0	0	0
2-Feb-09	1800	5.9	30	NNE	49.9	205.9	70.8	0	0	0	0
2-Feb-09	1900	5.1	359	N	50.7	220.3	75.2	0	0	0	0
2-Feb-09	2000	6.6	350	N	49.5	n/a	n/a	0	0	0	0
2-Feb-09	2100	7.2	354	N	47.9	n/a	n/a	0	0	0	0
2-Feb-09	2200	8.0	10	N	48.2	n/a	n/a	0	0	0	0
2-Feb-09	2300	5.0	41	NE	45.8	n/a	n/a	0	0	0	0
2-Feb-09	2400	3.4	75	ENE	42.9	n/a	n/a	0	0	0	0
3-Feb-09	100	4.6	81	E	43.2	n/a	n/a	0	0	0	0
3-Feb-09	200	5.0	96	E	43.9	n/a	n/a	0	0	0	0
3-Feb-09	300	5.7	178	S	42.3	n/a	n/a	0	0	0	0
3-Feb-09	400	7.9	178	S	42.6	n/a	n/a	0	0	0	0
3-Feb-09	500	8.0	196	SSW	42.6	211.5	34.4	0	0	0	0
3-Feb-09	600	8.8	196	SSW	43.4	141.3	23.7	0	0	0	0
3-Feb-09	700	5.9	198	SSW	45.3	193.5	23.3	0	0	0	0
3-Feb-09	800	7.3	215	SW	49.6	144.9	20.2	0	0	0	0

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3-Feb-09	900	4.6	272	W	50.6	201.9	25.3	0	0	0	0
3-Feb-09	1000	4.7	286	WNW	50.0	148.1	20.9	0	0	0	0
3-Feb-09	1100	8.1	324	NW	50.1	128.0	32.4	0	0	0	0
3-Feb-09	1200	13.0	353	N	52.1	113.5	29.5	0	0	0	0
3-Feb-09	1300	14.0	1	N	51.4	147.7	50.4	0	0	0	0
3-Feb-09	1400	16.2	7	N	52.2	143.9	48.0	0	0	0	0
3-Feb-09	1500	11.2	9	N	51.8	132.6	31.5	0	0	0	0
3-Feb-09	1600	9.6	359	N	50.9	114.9	19.8	0	0	0	0
3-Feb-09	1700	6.8	356	N	49.6	112.9	21.5	0	0	0	0
3-Feb-09	1800	6.3	2	N	48.9	72.9	17.7	0	0	0	0
3-Feb-09	1900	4.8	303	WNW	47.2	63.9	18.8	0	0	0	0
3-Feb-09	2000	3.9	254	WSW	47.1	89.0	20.1	0	0	0	0
3-Feb-09	2100	8.5	203	SSW	44.5	68.8	18.2	0	0	0	0
3-Feb-09	2200	8.5	194	SSW	44.1	93.7	27.8	0	0	0	0
3-Feb-09	2300	8.6	213	SSW	45.1	76.3	23.3	0	0	0	0
3-Feb-09	2400	8.5	196	SSW	43.2	55.5	16.3	0	0	0	0

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4-Feb-09	100	9.6	194	SSW	44.0	45.8	16.2	0	0	0	0
4-Feb-09	200	9.9	206	SSW	44.5	42.0	15.4	0	0	0	0
4-Feb-09	300	8.8	220	SW	43.6	35.8	11.3	0	0	0	0
4-Feb-09	400	8.8	243	WSW	43.7	43.1	16.3	0	0	0	0
4-Feb-09	500	6.3	249	WSW	45.0	74.5	28.0	0	0	0	0
4-Feb-09	600	3.2	232	SW	46.0	71.7	28.7	0	0	0	0
4-Feb-09	700	5.0	258	WSW	50.0	49.3	22.0	0	0	0	0
4-Feb-09	800	7.8	285	WNW	50.7	19.6	4.3	0	0	0	0
4-Feb-09	900	4.1	247	WSW	55.0	62.4	21.4	0	0	0	0
4-Feb-09	1000	6.7	260	W	51.3	36.9	13.1	0	0	0	0
4-Feb-09	1100	7.7	284	WNW	50.6	20.9	9.6	0	0	0	0
4-Feb-09	1200	10.0	268	W	51.7	19.6	9.0	0	0	0	0
4-Feb-09	1300	6.8	248	WSW	50.9	11.7	6.6	0	0	0	0
4-Feb-09	1400	6.1	241	WSW	50.1	13.2	1.2	0	0	0	0
4-Feb-09	1500	6.6	179	S	50.6	21.0	8.3	0	0	0	0
4-Feb-09	1600	6.1	137	SE	52.3	145.0	42.3	0	0	0	0

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4-Feb-09	1700	7.9	181	S	49.7	152.6	44.5	0	0	0	0
4-Feb-09	1800	6.5	212	SSW	51.3	146.7	44.9	0	0	0	0
4-Feb-09	1900	8.0	210	SSW	49.6	98.1	30.3	0	0	0	0
4-Feb-09	2000	9.4	214	SW	50.7	59.3	17.6	0	0	0	0
4-Feb-09	2100	10.5	219	SW	50.3	34.5	12.8	0	0	0	0
4-Feb-09	2200	11.4	220	SW	48.1	16.5	2.3	0	0	0	0
4-Feb-09	2300	10.7	223	SW	47.9	5.9	3.4	0	0	0	0
4-Feb-09	2400	10.6	238	WSW	44.8	5.4	0.9	0	0	0	0
5-Feb-09	100	5.0	282	WNW	46.5	5.3	4.1	0	0	0	0
5-Feb-09	200	4.6	251	WSW	45.9	4.6	3.2	0	0	0	0
5-Feb-09	300	5.8	200	SSW	46.1	13.8	2.5	0	0	0	0
5-Feb-09	400	8.3	226	SW	42.3	13.9	4.0	0	0	0	0
5-Feb-09	500	8.9	221	SW	43.4	4.3	3.6	0	0	0	0
5-Feb-09	600	9.6	220	SW	43.8	5.2	1.9	0	0	0	0
5-Feb-09	700	9.9	222	SW	48.3	7.1	3.0	0	0	0	0
5-Feb-09	800	9.5	219	SW	52.5	8.3	2.7	0	0	0	0

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5-Feb-09	1000	10.1	230	SW	52.1	6.1	1.3	0	0	0	0
5-Feb-09	1100	10.9	211	SSW	52.7	4.0	1.2	0	0	0	0
5-Feb-09	1200	13.5	189	S	52.9	10.3	1.6	0	0	0	0
5-Feb-09	1300	14.3	184	S	52.8	37.2	12.2	0	0	0	0
5-Feb-09	1400	17.9	184	S	53.5	32.8	9.9	0	0	0	0
5-Feb-09	1500	19.7	178	S	55.9	39.4	8.6	0	0	0	0
5-Feb-09	1600	23.8	184	S	58.4	51.4	13.6	0	0	0	0
5-Feb-09	1700	18.4	191	S	54.5	77.2	23.0	0	0	0	0
5-Feb-09	1800	16.3	191	S	54.7	70.4	26.2	0	0	0	0
5-Feb-09	1900	20.4	189	S	56.3	58.8	20.8	0	0	0	0
5-Feb-09	2000	15.8	193	SSW	55.2	67.3	23.2	0	0	0	0
5-Feb-09	2100	14.1	189	S	51.9	88.0	29.5	0	0	0	0
5-Feb-09	2200	12.6	186	S	51.1	93.3	31.9	0	0	0	0
5-Feb-09	2300	13.2	192	SSW	52.2	90.4	33.7	0	0	0	0
5-Feb-09	2400	12.0	198	SSW	49.3	50.3	16.7	0	0	0	0

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6-Feb-09	200	17.0	192	SSW	53.3	48.6	13.4	0	0	0	0
6-Feb-09	300	16.2	202	SSW	52.1	42.3	12.9	0	0	0	0
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6-Feb-09	600	10.1	218	SW	44.3	54.3	20.5	0	0	0	0
6-Feb-09	700	4.7	279	W	46.9	70.4	23.9	0	0	0	0
6-Feb-09	800	5.0	328	NNW	46.1	43.5	15.1	0	0	0	0
6-Feb-09	900	3.8	303	WNW	50.0	23.7	5.6	0	0	0	0
6-Feb-09	1000	3.8	154	SSE	49.8	30.4	9.3	0	0	0	0
6-Feb-09	1100	5.2	190	S	48.8	63.0	27.3	0	0	0	0
6-Feb-09	1200	6.4	180	S	49.2	89.4	32.3	0	0	0	0
6-Feb-09	1300	9.0	189	S	49.6	163.3	40.2	0	0	0	0
6-Feb-09	1400	10.1	180	S	49.0	n/a	n/a	0	0	0	0
6-Feb-09	1500	11.9	182	S	49.8	n/a	n/a	0	0	0	0
6-Feb-09	1600	11.3	179	S	50.2	n/a	n/a	0	0	0	0

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6-Feb-09	1700	12.5	181	S	49.7	161.3	53.0	0	0	0	0
6-Feb-09	1800	10.6	189	S	49.3	144.2	44.4	0	0	0	0
6-Feb-09	1900	11.2	193	SSW	47.1	77.9	26.1	0	0	0	0
6-Feb-09	2000	11.5	209	SSW	47.3	64.8	22.4	0	0	0	0
6-Feb-09	2100	9.6	209	SSW	45.7	52.0	18.4	0	0	0	0
6-Feb-09	2200	11.2	206	SSW	47.0	47.1	12.2	0	0	0	0
6-Feb-09	2300	11.0	201	SSW	47.1	19.1	7.0	0	0	0	0
6-Feb-09	2400	12.1	184	S	47.1	13.2	5.1	0	0	0	0
7-Feb-09	100	12.4	198	SSW	47.6	7.8	3.2	0	0	0	0
7-Feb-09	200	10.8	215	SW	46.2	13.0	5.4	0	0	0	0
7-Feb-09	300	9.6	209	SSW	44.9	12.7	6.6	0	0	0	0
7-Feb-09	400	7.7	216	SW	43.0	11.8	6.3	0	0	0	0
7-Feb-09	500	7.7	206	SSW	42.9	11.2	8.1	0	0	0	0
7-Feb-09	600	7.1	198	SSW	42.6	10.3	6.1	0	0	0	0
7-Feb-09	700	6.1	196	SSW	43.7	30.7	10.2	0	0	0	0
7-Feb-09	800	7.6	202	SSW	44.2	28.9	8.7	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											
7-Feb-09	900	10.0	211	SSW	47.7	33.0	11.6	0	0	0	0
7-Feb-09	1000	15.8	204	SSW	54.1	14.7	4.0	0	0	0	0
7-Feb-09	1100	11.7	198	SSW	49.9	6.5	2.9	0	0	0	0
7-Feb-09	1200	15.1	188	S	50.2	5.4	3.2	0	0	0	0
7-Feb-09	1300	13.6	177	S	48.3	17.8	5.9	0	0	0	0
7-Feb-09	1400	15.8	180	S	50.1	14.9	9.1	0	0	0	0
7-Feb-09	1500	18.0	168	SSE	52.3	7.6	3.8	0	0	0	0
7-Feb-09	1600	18.9	176	S	53.3	11.0	4.6	0	0	0	0
7-Feb-09	1700	18.4	179	S	52.8	16.2	4.1	0	0	0	0
7-Feb-09	1800	17.5	185	S	52.8	10.3	3.5	0	0	0	0
7-Feb-09	1900	17.3	184	S	53.9	5.4	1.6	0	0	0	0
7-Feb-09	2000	18.5	178	S	56.4	3.4	1.9	0	0	0	0
7-Feb-09	2100	19.1	184	S	56.1	4.1	2.2	0	0	0	0
7-Feb-09	2200	16.9	185	S	54.2	1.8	1.3	0	0	0	0
7-Feb-09	2300	17.1	188	S	56.7	3.9	1.7	0	0	0	0
7-Feb-09	2400	19.5	190	S	58.8	4.2	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 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											
8-Feb-09	100	18.1	190	S	55.9	2.2	1.3	0	0	0	0
8-Feb-09	200	15.5	191	S	54.1	1.4	1.1	0	0	0	0
8-Feb-09	300	16.3	196	SSW	55.9	4.8	1.9	0	0	0	0
8-Feb-09	400	14.0	191	S	52.9	3.0	1.3	0	0	0	0
8-Feb-09	500	15.0	194	SSW	56.2	0.9	0.7	0	0	0	0
8-Feb-09	600	13.1	198	SSW	53.8	0.8	0.6	0	0	0	0
8-Feb-09	700	11.1	194	SSW	52.7	0.9	0.8	0	1	0	0
8-Feb-09	800	11.1	197	SSW	53.3	0.9	0.8	0	0	0	0
8-Feb-09	900	9.7	199	SSW	53.5	1.0	0.9	0	0	0	0
8-Feb-09	1000	8.3	211	SSW	51.3	2.3	1.6	0	0	0	0
8-Feb-09	1100	7.4	207	SSW	51.2	6.0	3.5	0	0	0	0
8-Feb-09	1200	6.1	210	SSW	50.5	10.6	5.1	0	0	0	0
8-Feb-09	1300	6.3	196	SSW	50.7	10.7	4.5	0	0	0	0
8-Feb-09	1400	9.3	192	SSW	51.0	6.5	3.1	0	0	0	0
8-Feb-09	1500	12.0	196	SSW	49.7	6.8	5.3	0	0	0	0
8-Feb-09	1600	10.4	201	SSW	50.9	10.8	3.7	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											
8-Feb-09	1700	9.7	213	SSW	48.2	12.6	3.6	0	0	0	0
8-Feb-09	1800	9.4	222	SW	47.5	15.5	9.2	0	0	0	0
8-Feb-09	1900	9.9	244	WSW	47.8	16.2	11.7	0	0	0	0
8-Feb-09	2000	9.3	247	WSW	52.5	16.0	9.3	0	0	0	0
8-Feb-09	2100	9.3	298	WNW	48.8	20.8	5.1	0	0	0	0
8-Feb-09	2200	9.5	315	NW	44.5	11.7	6.4	0	0	0	0
8-Feb-09	2300	11.5	316	NW	43.5	11.3	3.2	0	0	0	0
8-Feb-09	2400	10.1	323	NW	42.8	4.4	2.1	0	0	0	0
9-Feb-09	100	11.1	321	NW	43.2	7.3	1.7	0	0	0	0
9-Feb-09	200	14.7	320	NW	44.1	2.9	1.8	0	0	0	0
9-Feb-09	300	15.2	321	NW	44.6	3.8	1.7	0	0	0	0
9-Feb-09	400	16.0	313	NW	43.1	1.8	0.9	0	0	0	0
9-Feb-09	500	13.8	308	NW	42.4	5.0	1.7	0	0	0	0
9-Feb-09	600	16.6	307	NW	44.0	3.9	1.7	0	0	0	0
9-Feb-09	700	14.7	313	NW	47.1	1.6	1.0	0	0	0	0
9-Feb-09	800	19.6	318	NW	52.5	3.4	1.6	0	0	0	0