

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											
4-Jan-09	900	9.5	185	S	57.2	0.9	0.3	0	0	0	0
4-Jan-09	1000	9.8	180	S	56.0	6.9	2.1	0	0	0	0
4-Jan-09	1100	10.2	175	S	54.4	74.6	5.7	0	0	0	0
4-Jan-09	1200	8.0	165	SSE	55.0	27.7	11.9	0	0	0	0
4-Jan-09	1300	9.4	170	S	53.5	7.7	7.3	0	0	0	0
4-Jan-09	1400	9.2	168	SSE	53.9	4.9	4.3	0	0	0	0
4-Jan-09	1500	10.0	159	SSE	51.4	31.5	13.6	0	0	0	0
4-Jan-09	1600	9.7	161	SSE	51.0	67.5	21.9	0	0	0	0
4-Jan-09	1700	9.3	151	SSE	51.5	53.0	21.4	0	0	0	0
4-Jan-09	1800	9.5	128	SE	50.2	75.3	25.3	0	0	0	0
4-Jan-09	1900	9.4	140	SE	49.6	143.6	49.9	0	0	0	0
4-Jan-09	2000	9.4	109	ESE	49.0	152.9	49.8	0	0	0	0
4-Jan-09	2100	9.2	126	SE	46.5	195.1	59.4	0	0	0	0
4-Jan-09	2200	7.9	146	SE	46.6	n/a	n/a	0	0	0	0
4-Jan-09	2300	4.1	162	SSE	46.4	n/a	n/a	0	0	0	0
4-Jan-09	2400	4.0	135	SE	45.3	n/a	n/a	0	0	0	0

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PM2.5						1 Hour Average – 80 ug/m3					
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5-Jan-09	100	6.4	209	SSW	45.9	n/a	n/a	0	0	0	0
5-Jan-09	200	5.6	229	SW	48.3	n/a	n/a	0	0	0	0
5-Jan-09	300	5.0	160	SSE	46.1	132.8	44.3	0	0	0	0
5-Jan-09	400	5.3	74	ENE	45.3	143.5	44.9	0	0	0	0
5-Jan-09	500	5.2	50	NE	45.9	104.4	38.3	0	0	0	0
5-Jan-09	600	6.1	45	NE	47.6	140.0	44.2	0	0	0	0
5-Jan-09	700	7.1	43	NE	49.9	111.7	37.0	0	0	0	0
5-Jan-09	800	9.7	36	NE	49.4	79.0	25.4	0	0	0	0
5-Jan-09	900	15.2	14	NNE	52.5	75.4	20.5	0	0	0	0
5-Jan-09	1000	14.3	11	NNE	52.0	51.3	27.1	0	0	0	0
5-Jan-09	1100	17.1	1	N	52.6	69.4	27.8	0	0	0	0
5-Jan-09	1200	18.6	358	N	54.0	74.2	27.8	0	0	0	0
5-Jan-09	1300	20.1	356	N	53.4	69.7	20.6	0	0	0	0
5-Jan-09	1400	19.7	350	N	55.1	63.3	16.2	0	0	0	0
5-Jan-09	1500	18.6	353	N	53.9	40.9	12.4	0	0	0	0
5-Jan-09	1600	16.3	343	NNW	55.7	38.9	14.6	0	0	0	0

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5-Jan-09	1700	21.2	343	NNW	54.6	30.4	4.3	0	0	0	0
5-Jan-09	1800	18.7	355	N	54.4	40.2	14.4	0	0	0	0
5-Jan-09	1900	18.5	1	N	54.7	34.3	18.5	0	0	0	0
5-Jan-09	2000	14.8	347	NNW	55.0	33.7	11.0	0	0	0	0
5-Jan-09	2100	14.2	338	NNW	54.4	28.7	15.8	0	0	0	0
5-Jan-09	2200	9.6	296	WNW	54.2	24.4	9.9	0	0	0	0
5-Jan-09	2300	8.8	289	WNW	53.7	20.2	11.6	0	1	0	0
5-Jan-09	2400	11.8	324	NW	55.0	34.4	13.8	0	0	0	0
6-Jan-09	100	8.6	313	NW	54.8	28.5	13.7	0	1	0	0
6-Jan-09	200	10.2	297	WNW	54.0	17.1	9.8	0	1	0	0
6-Jan-09	300	7.8	296	WNW	54.6	5.1	3.2	0	1	0	0
6-Jan-09	400	11.0	292	WNW	52.9	13.5	3.3	0	1	0	0
6-Jan-09	500	11.3	291	WNW	54.5	33.9	9.4	0	1	0	0
6-Jan-09	600	15.3	278	W	57.0	32.3	11.9	0	0	0	0
6-Jan-09	700	10.9	300	WNW	53.8	32.1	8.0	0	1	0	0
6-Jan-09	800	9.9	304	NW	56.4	27.6	8.4	0	0	0	0

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TSP						1 Hour Average – 267 ug/m3					
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6-Jan-09	900	11.9	293	WNW	54.1	25.0	10.8	0	0	0	0
6-Jan-09	1000	12.3	275	W	54.7	21.2	6.1	0	0	0	0
6-Jan-09	1100	14.2	280	W	53.9	18.7	9.1	0	0	0	0
6-Jan-09	1200	10.5	266	W	53.2	11.5	1.8	0	0	0	0
6-Jan-09	1300	12.7	233	SW	53.5	7.4	7.0	0	0	0	0
6-Jan-09	1400	12.8	217	SW	57.1	18.5	10.6	0	0	0	0
6-Jan-09	1500	11.8	210	SSW	52.2	20.1	4.0	0	0	0	0
6-Jan-09	1600	12.2	201	SSW	50.5	28.6	15.6	0	0	0	0
6-Jan-09	1700	11.6	198	SSW	48.6	37.9	7.4	0	0	0	0
6-Jan-09	1800	9.7	203	SSW	49.1	38.3	17.7	0	0	0	0
6-Jan-09	1900	9.8	211	SSW	51.0	35.7	8.2	0	0	0	0
6-Jan-09	2000	11.5	222	SW	52.2	28.4	16.5	0	0	0	0
6-Jan-09	2100	15.3	223	SW	50.8	18.8	6.0	0	0	0	0
6-Jan-09	2200	15.4	224	SW	49.8	5.7	3.4	0	0	0	0
6-Jan-09	2300	10.8	234	SW	49.9	10.6	2.0	0	0	0	0
6-Jan-09	2400	12.4	231	SW	50.2	3.8	3.6	0	0	0	0

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Alarms											
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7-Jan-09	100	9.0	211	SSW	48.8	4.5	2.6	0	0	0	0
7-Jan-09	200	12.2	216	SW	49.0	3.8	2.5	0	0	0	0
7-Jan-09	300	11.2	222	SW	51.0	5.4	2.5	0	1	0	0
7-Jan-09	400	10.9	225	SW	51.0	3.9	2.6	0	1	0	0
7-Jan-09	500	10.5	224	SW	49.6	2.6	1.3	0	0	0	0
7-Jan-09	600	11.3	215	SW	50.5	2.2	1.0	0	1	0	0
7-Jan-09	700	11.6	224	SW	50.7	3.5	1.6	0	0	0	0
7-Jan-09	800	13.1	233	SW	53.8	6.1	2.8	0	0	0	0
7-Jan-09	900	12.3	231	SW	55.6	8.4	1.4	0	0	0	0
7-Jan-09	1000	10.9	239	WSW	54.1	3.9	1.5	0	0	0	0
7-Jan-09	1100	8.7	238	WSW	53.5	5.0	2.4	0	0	0	0
7-Jan-09	1200	14.4	222	SW	57.0	8.1	5.0	0	0	0	0
7-Jan-09	1300	15.5	237	WSW	53.7	7.4	3.9	0	0	0	0
7-Jan-09	1400	12.5	240	WSW	53.7	1.9	1.0	0	0	0	0
7-Jan-09	1500	11.4	251	WSW	65.2	3.8	0.5	0	1	0	0
7-Jan-09	1600	8.0	249	WSW	55.3	6.0	0.7	0	0	0	0

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Alarms											
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7-Jan-09	1700	8.2	244	WSW	53.1	3.1	1.7	0	0	0	0
7-Jan-09	1800	13.1	261	W	55.1	6.3	3.1	0	0	0	0
7-Jan-09	1900	17.2	265	W	50.6	4.7	0.5	0	0	0	0
7-Jan-09	2000	12.2	293	WNW	52.6	1.1	0.8	0	0	0	0
7-Jan-09	2100	27.8	296	WNW	55.7	6.1	2.0	0	0	0	0
7-Jan-09	2200	16.1	306	NW	51.7	9.8	2.6	0	0	0	0
7-Jan-09	2300	19.9	296	WNW	51.4	3.3	2.4	0	0	0	0
7-Jan-09	2400	24.1	301	WNW	54.7	1.0	0.8	0	0	0	0
8-Jan-09	100	19.8	305	NW	53.5	5.2	2.2	0	0	0	0
8-Jan-09	200	17.3	296	WNW	51.5	2.3	1.4	0	0	0	0
8-Jan-09	300	20.2	270	W	53.9	1.0	0.5	0	0	0	0
8-Jan-09	400	16.9	257	WSW	53.6	2.3	1.0	0	0	0	0
8-Jan-09	500	21.7	249	WSW	51.2	1.9	0.5	0	0	0	0
8-Jan-09	600	19.6	268	W	52.0	3.4	1.0	0	0	0	0
8-Jan-09	700	19.4	279	W	50.4	1.3	0.4	0	0	0	0
8-Jan-09	800	25.8	276	W	55.7	1.0	0.5	0	0	0	0

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8-Jan-09	900	20.2	275	W	55.1	2.3	1.7	0	0	0	0
8-Jan-09	1000	26.0	285	WNW	57.5	1.0	0.3	0	0	0	0
8-Jan-09	1100	30.8	284	WNW	57.7	1.8	0.5	0	0	0	0
8-Jan-09	1200	28.4	287	WNW	57.9	2.5	0.6	0	0	0	0
8-Jan-09	1300	30.8	290	WNW	58.5	3.5	0.9	0	0	0	0
8-Jan-09	1400	29.1	296	WNW	57.6	3.5	1.0	0	0	0	0
8-Jan-09	1500	21.4	311	NW	55.3	5.7	2.0	0	0	0	0
8-Jan-09	1600	17.5	322	NW	53.8	22.5	3.2	0	0	0	0
8-Jan-09	1700	15.7	334	NNW	53.1	15.7	3.2	0	0	0	0
8-Jan-09	1800	9.3	340	NNW	53.4	10.7	2.6	0	0	0	0
8-Jan-09	1900	9.9	318	NW	52.7	9.4	2.6	0	0	0	0
8-Jan-09	2000	6.2	322	NW	53.5	9.5	3.1	0	0	0	0
8-Jan-09	2100	11.8	236	SW	53.2	5.8	0.7	0	0	0	0
8-Jan-09	2200	12.1	241	WSW	51.5	4.4	1.0	0	0	0	0
8-Jan-09	2300	11.2	237	WSW	50.4	1.9	0.8	0	1	0	0
8-Jan-09	2400	9.4	247	WSW	50.7	3.4	1.2	0	1	0	0

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9-Jan-09	200	11.2	252	WSW	50.2	2.9	0.5	0	1	0	0
9-Jan-09	300	11.5	247	WSW	53.5	4.1	0.8	0	1	0	0
9-Jan-09	400	14.1	255	WSW	53.8	3.4	1.2	0	0	0	0
9-Jan-09	500	17.7	283	WNW	54.0	3.3	0.5	0	0	0	0
9-Jan-09	600	22.9	282	WNW	55.4	1.2	0.5	0	0	0	0
9-Jan-09	700	24.7	270	W	52.7	1.8	0.4	0	0	0	0
9-Jan-09	800	22.5	261	W	55.5	1.4	0.6	0	0	0	0
9-Jan-09	900	20.7	263	W	54.9	1.3	0.5	0	0	0	0
9-Jan-09	1000	25.3	273	W	56.4	1.5	0.5	0	0	0	0
9-Jan-09	1100	36.1	266	W	61.3	2.3	1.6	0	0	0	0
9-Jan-09	1200	33.3	264	W	59.7	2.0	0.8	0	0	0	0
9-Jan-09	1300	32.8	270	W	59.0	2.0	0.5	0	0	0	0
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9-Jan-09	1700	26.2	274	W	55.1	1.0	0.4	0	0	0	0
9-Jan-09	1800	29.5	271	W	56.8	1.0	0.5	0	0	0	0
9-Jan-09	1900	17.3	289	WNW	52.4	1.5	0.4	0	0	0	0
9-Jan-09	2000	13.4	304	WNW	51.7	2.8	1.0	0	0	0	0
9-Jan-09	2100	13.7	259	W	52.2	1.5	0.4	0	0	0	0
9-Jan-09	2200	21.5	248	WSW	53.1	1.1	0.5	0	0	0	0
9-Jan-09	2300	21.8	250	WSW	51.6	1.0	0.7	0	0	0	0
9-Jan-09	2400	16.9	241	WSW	51.4	1.6	0.8	0	0	0	0
10-Jan-09	100	20.1	240	WSW	52.1	2.7	0.7	0	0	0	0
10-Jan-09	200	18.6	250	WSW	50.7	1.0	0.7	0	0	0	0
10-Jan-09	300	20.5	245	WSW	52.9	1.4	0.3	0	0	0	0
10-Jan-09	400	19.5	243	WSW	53.3	1.1	0.4	0	0	0	0
10-Jan-09	500	20.7	251	WSW	52.6	1.0	0.4	0	0	0	0
10-Jan-09	600	22.4	261	W	53.5	1.0	0.8	0	0	0	0
10-Jan-09	700	21.7	265	W	51.2	1.2	0.4	0	0	0	0
10-Jan-09	800	20.8	265	W	52.7	1.8	0.5	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											
10-Jan-09	900	21.0	272	W	53.0	1.0	0.3	0	0	0	0
10-Jan-09	1000	26.0	269	W	54.7	1.5	0.6	0	0	0	0
10-Jan-09	1100	24.1	262	W	53.3	1.4	0.7	0	0	0	0
10-Jan-09	1200	21.4	257	WSW	53.5	1.3	0.5	0	0	0	0
10-Jan-09	1300	17.4	256	WSW	53.3	1.9	0.5	0	0	0	0
10-Jan-09	1400	20.2	265	W	52.3	1.8	1.1	0	0	0	0
10-Jan-09	1500	21.5	268	W	53.9	1.8	1.1	0	0	0	0
10-Jan-09	1600	19.0	271	W	52.6	3.9	1.0	0	0	0	0
10-Jan-09	1700	13.0	270	W	51.8	2.5	1.0	0	0	0	0
10-Jan-09	1800	12.3	250	WSW	54.6	3.4	2.7	0	0	0	0
10-Jan-09	1900	10.8	212	SSW	50.0	2.9	2.3	0	0	0	0
10-Jan-09	2000	12.6	222	SW	51.1	2.9	1.5	0	0	0	0
10-Jan-09	2100	13.2	262	W	53.7	1.4	0.5	0	0	0	0
10-Jan-09	2200	8.5	222	SW	54.9	3.2	1.4	0	0	0	0
10-Jan-09	2300	12.7	263	W	53.5	2.3	0.7	0	0	0	0
10-Jan-09	2400	10.6	220	SW	50.1	1.2	0.7	0	1	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											
11-Jan-09	100	12.4	219	SW	47.6	2.7	0.8	0	0	0	0
11-Jan-09	200	16.4	237	WSW	49.3	8.3	2.7	0	0	0	0
11-Jan-09	300	9.8	214	SW	45.4	2.2	1.2	0	0	0	0
11-Jan-09	400	11.0	197	SSW	48.9	2.8	1.4	0	0	0	0
11-Jan-09	500	12.0	203	SSW	46.1	1.3	0.5	0	0	0	0
11-Jan-09	600	15.2	204	SSW	47.9	1.2	0.5	0	0	0	0
11-Jan-09	700	15.5	214	SSW	51.8	1.3	0.6	0	0	0	0
11-Jan-09	800	15.6	214	SW	53.8	1.7	0.7	0	0	0	0