

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											
18-Jan-09	900	10.0	238	WSW	55.9	3.6	1.3	0	0	0	0
18-Jan-09	1000	12.0	234	SW	54.7	4.2	1.3	0	0	0	0
18-Jan-09	1100	11.3	255	WSW	52.1	2.3	1.4	0	0	0	0
18-Jan-09	1200	12.7	240	WSW	53.7	10.0	2.0	0	0	0	0
18-Jan-09	1300	12.1	246	WSW	51.6	5.7	2.8	0	0	0	0
18-Jan-09	1400	11.2	217	SW	51.6	11.1	0.7	0	0	0	0
18-Jan-09	1500	17.8	201	SSW	53.2	15.4	1.6	0	0	0	0
18-Jan-09	1600	9.1	270	W	51.6	5.6	1.8	0	0	0	0
18-Jan-09	1700	9.7	272	W	49.1	4.2	2.4	0	0	0	0
18-Jan-09	1800	9.4	275	W	50.1	2.8	1.8	0	0	0	0
18-Jan-09	1900	15.3	269	W	47.9	2.8	1.9	0	0	0	0
18-Jan-09	2000	16.5	260	W	47.6	2.0	1.1	0	0	0	0
18-Jan-09	2100	15.5	263	W	45.5	2.1	1.4	0	0	0	0
18-Jan-09	2200	14.3	264	W	45.2	3.1	0.6	0	0	0	0
18-Jan-09	2300	14.7	269	W	44.3	1.4	0.4	0	0	0	0
18-Jan-09	2400	19.9	277	W	46.4	1.2	0.8	0	0	0	0

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Alarms											
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19-Jan-09	100	23.6	279	W	49.2	1.7	0.5	0	0	0	0
19-Jan-09	200	20.3	278	W	45.2	1.3	0.5	0	0	0	0
19-Jan-09	300	17.7	269	W	44.3	1.1	0.9	0	0	0	0
19-Jan-09	400	8.5	233	SW	41.3	1.6	0.5	0	0	0	0
19-Jan-09	500	7.6	292	WNW	42.8	2.6	0.7	0	0	0	0
19-Jan-09	600	11.5	280	W	43.5	1.4	0.6	0	0	0	0
19-Jan-09	700	11.4	268	W	46.3	3.5	0.5	0	0	0	0
19-Jan-09	800	13.9	295	WNW	51.4	1.5	0.8	0	0	0	0
19-Jan-09	900	11.7	287	WNW	54.6	4.0	0.4	0	0	0	0
19-Jan-09	1000	12.5	283	WNW	52.5	4.6	0.8	0	0	0	0
19-Jan-09	1100	8.7	274	W	53.8	2.2	1.2	0	0	0	0
19-Jan-09	1200	11.6	276	W	52.1	5.3	0.7	0	0	0	0
19-Jan-09	1300	7.7	268	W	50.3	3.5	3.2	0	0	0	0
19-Jan-09	1400	8.2	265	W	50.1	5.5	0.9	0	0	0	0
19-Jan-09	1500	6.8	267	W	53.4	7.4	4.3	0	0	0	0
19-Jan-09	1600	4.4	271	W	52.8	6.1	2.7	0	0	0	0

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19-Jan-09	1700	4.7	105	ESE	52.2	95.2	8.5	0	0	0	0
19-Jan-09	1800	7.9	120	ESE	51.3	118.7	20.2	0	0	0	0
19-Jan-09	1900	10.1	120	ESE	51.4	39.8	5.3	0	0	0	0
19-Jan-09	2000	8.8	147	SSE	50.9	24.6	1.8	0	0	0	0
19-Jan-09	2100	8.9	179	S	49.2	71.2	16.8	0	0	0	0
19-Jan-09	2200	7.2	186	S	48.6	54.3	12.1	0	0	0	0
19-Jan-09	2300	6.8	204	SSW	49.4	20.2	3.8	0	0	0	0
19-Jan-09	2400	7.4	208	SSW	45.2	7.8	1.2	0	0	0	0
20-Jan-09	100	6.7	234	SW	43.9	7.8	1.0	0	0	0	0
20-Jan-09	200	6.8	242	WSW	44.1	7.1	1.5	0	0	0	0
20-Jan-09	300	10.2	271	W	42.9	4.2	2.1	0	0	0	0
20-Jan-09	400	10.0	261	W	42.0	2.6	1.3	0	0	0	0
20-Jan-09	500	7.8	256	WSW	42.6	2.3	1.3	0	0	0	0
20-Jan-09	600	5.3	341	NNW	45.6	2.6	1.2	0	0	0	0
20-Jan-09	700	6.7	75	ENE	48.8	11.6	1.8	0	0	0	0
20-Jan-09	800	5.2	66	ENE	54.3	32.2	6.6	0	0	0	0

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20-Jan-09	900	4.6	150	SSE	55.7	44.1	4.6	0	0	0	0
20-Jan-09	1000	5.6	241	WSW	54.9	27.0	6.2	0	0	0	0
20-Jan-09	1100	7.1	205	SSW	54.4	23.5	8.2	0	0	0	0
20-Jan-09	1200	8.0	213	SSW	53.6	21.6	7.2	0	0	0	0
20-Jan-09	1300	6.3	183	S	52.0	20.1	5.2	0	0	0	0
20-Jan-09	1400	11.1	236	SW	53.3	12.5	1.8	0	0	0	0
20-Jan-09	1500	6.5	179	S	58.5	11.8	3.6	0	0	0	0
20-Jan-09	1600	9.0	79	ENE	53.3	83.7	21.9	0	0	0	0
20-Jan-09	1700	7.5	89	E	51.9	108.9	27.7	0	0	0	0
20-Jan-09	1800	8.1	117	ESE	52.8	93.6	28.9	0	0	0	0
20-Jan-09	1900	10.2	151	SSE	51.2	69.8	21.9	0	0	0	0
20-Jan-09	2000	7.8	153	SSE	50.5	57.7	20.8	0	0	0	0
20-Jan-09	2100	6.4	117	ESE	50.0	79.1	24.8	0	0	0	0
20-Jan-09	2200	8.4	148	SSE	46.8	73.0	17.6	0	0	0	0
20-Jan-09	2300	9.0	189	S	44.3	109.0	8.6	0	0	0	0
20-Jan-09	2400	7.0	203	SSW	46.3	145.0	10.2	0	0	0	0

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21-Jan-09	100	7.7	218	SW	46.8	110.3	10.2	0	0	0	0
21-Jan-09	200	7.5	192	SSW	43.8	55.4	8.7	0	0	0	0
21-Jan-09	300	5.2	206	SSW	44.9	68.4	11.4	0	0	0	0
21-Jan-09	400	6.3	220	SW	45.1	47.9	12.7	0	0	0	0
21-Jan-09	500	4.2	172	S	45.4	45.1	8.9	0	0	0	0
21-Jan-09	600	4.2	103	ESE	46.5	106.4	9.1	0	0	0	0
21-Jan-09	700	3.1	289	WNW	48.5	185.8	11.0	0	0	0	0
21-Jan-09	800	3.1	319	NW	52.0	75.8	16.7	0	0	0	0
21-Jan-09	900	4.6	90	E	53.7	92.4	16.7	0	0	0	0
21-Jan-09	1000	4.4	74	ENE	51.8	71.7	16.7	0	0	0	0
21-Jan-09	1100	5.0	40	NE	51.9	46.7	8.3	0	0	0	0
21-Jan-09	1200	3.5	70	ENE	52.5	42.9	7.0	0	0	0	0
21-Jan-09	1300	4.5	74	ENE	51.7	34.7	8.2	0	0	0	0
21-Jan-09	1400	4.7	96	E	50.5	83.2	24.1	0	0	0	0
21-Jan-09	1500	5.5	116	ESE	51.6	39.0	12.2	0	0	0	0
21-Jan-09	1600	5.5	111	ESE	51.2	18.7	5.7	0	0	0	0

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1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
21-Jan-09	1700	8.7	125	SE	50.1	16.3	5.1	0	0	0	0
21-Jan-09	1800	7.6	133	SE	49.1	14.0	5.7	0	0	0	0
21-Jan-09	1900	6.4	159	SSE	47.5	19.7	9.6	0	0	0	0
21-Jan-09	2000	6.7	137	SE	47.0	18.9	11.5	0	0	0	0
21-Jan-09	2100	6.6	139	SE	47.0	26.7	13.9	0	0	0	0
21-Jan-09	2200	6.5	141	SE	46.0	26.4	11.2	0	0	0	0
21-Jan-09	2300	6.5	76	ENE	45.4	18.0	4.1	0	0	0	0
21-Jan-09	2400	6.3	97	E	45.4	32.3	11.5	0	0	0	0
22-Jan-09	100	6.0	82	E	44.2	32.2	7.2	0	0	0	0
22-Jan-09	200	5.6	78	ENE	42.7	32.6	6.4	0	0	0	0
22-Jan-09	300	4.7	80	E	42.5	27.9	8.3	0	0	0	0
22-Jan-09	400	5.2	71	ENE	42.4	37.1	14.3	0	0	0	0
22-Jan-09	500	5.1	77	ENE	43.0	29.5	10.4	0	0	0	0
22-Jan-09	600	5.0	69	ENE	42.2	18.8	5.8	0	0	0	0
22-Jan-09	700	4.3	63	ENE	46.4	28.0	8.6	0	0	0	0
22-Jan-09	800	3.9	30	NNE	50.5	65.7	16.9	0	0	0	0

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22-Jan-09	900	5.6	5	N	52.9	56.3	10.9	0	0	0	0
22-Jan-09	1000	7.3	2	N	52.0	58.1	16.9	0	0	0	0
22-Jan-09	1100	8.9	360	N	54.4	34.3	12.3	0	0	0	0
22-Jan-09	1200	6.8	348	NNW	53.1	21.1	9.2	0	0	0	0
22-Jan-09	1300	7.8	3	N	51.5	22.4	8.8	0	0	0	0
22-Jan-09	1400	9.5	19	NNE	52.3	12.9	5.7	0	0	0	0
22-Jan-09	1500	13.7	5	N	51.4	13.8	4.6	0	0	0	0
22-Jan-09	1600	9.4	24	NNE	50.6	13.0	4.2	0	0	0	0
22-Jan-09	1700	13.4	1	N	48.9	12.8	4.9	0	0	0	0
22-Jan-09	1800	14.8	359	N	48.6	12.4	5.7	0	0	0	0
22-Jan-09	1900	17.3	2	N	51.4	15.3	6.8	0	0	0	0
22-Jan-09	2000	16.3	1	N	51.1	18.0	8.6	0	0	0	0
22-Jan-09	2100	15.2	347	NNW	49.7	31.1	12.9	0	0	0	0
22-Jan-09	2200	15.2	349	NNW	50.8	36.9	15.1	0	0	0	0
22-Jan-09	2300	17.1	2	N	54.9	38.2	14.4	0	0	0	0
22-Jan-09	2400	16.9	360	N	54.8	23.2	12.9	0	0	0	0

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23-Jan-09	200	20.5	344	NNW	58.8	20.4	10.8	0	0	0	0
23-Jan-09	300	21.9	340	NNW	60.5	11.5	7.6	0	0	0	0
23-Jan-09	400	22.2	338	NNW	60.8	6.5	5.1	0	0	0	0
23-Jan-09	500	20.4	336	NNW	58.6	7.4	3.8	0	0	0	0
23-Jan-09	600	21.5	335	NNW	59.7	9.1	4.5	0	0	0	0
23-Jan-09	700	20.5	334	NNW	58.5	16.7	5.7	0	0	0	0
23-Jan-09	800	21.4	331	NNW	59.3	25.4	8.7	0	0	0	0
23-Jan-09	900	24.5	332	NNW	62.2	22.1	7.5	0	0	0	0
23-Jan-09	1000	25.2	332	NNW	62.8	27.5	9.6	0	0	0	0
23-Jan-09	1100	29.1	335	NNW	64.4	30.5	10.8	0	0	0	0
23-Jan-09	1200	34.4	329	NNW	65.3	31.3	10.5	0	0	0	0
23-Jan-09	1300	32.2	330	NNW	63.6	21.8	8.9	0	0	0	0
23-Jan-09	1400	32.5	333	NNW	63.5	14.9	7.0	0	0	0	0
23-Jan-09	1500	34.3	335	NNW	64.3	19.8	6.3	0	0	0	0
23-Jan-09	1600	33.6	332	NNW	63.2	34.3	7.6	0	0	0	0

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23-Jan-09	1700	28.3	330	NNW	58.6	33.8	10.9	0	0	0	0
23-Jan-09	1800	28.9	335	NNW	59.3	n/a	n/a	0	0	0	0
23-Jan-09	1900	32.4	331	NNW	61.4	n/a	n/a	0	0	0	0
23-Jan-09	2000	33.5	330	NNW	61.2	n/a	n/a	0	0	0	0
23-Jan-09	2100	33.1	334	NNW	61.1	n/a	n/a	0	0	0	0
23-Jan-09	2200	34.5	337	NNW	62.7	n/a	n/a	0	0	0	0
23-Jan-09	2300	29.7	335	NNW	58.8	n/a	n/a	0	0	0	0
23-Jan-09	2400	24.4	331	NNW	53.0	n/a	n/a	0	0	0	0
24-Jan-09	100	18.9	332	NNW	47.2	n/a	n/a	0	0	0	0
24-Jan-09	200	17.8	336	NNW	47.0	n/a	n/a	0	0	0	0
24-Jan-09	300	18.1	333	NNW	47.1	n/a	n/a	0	0	0	0
24-Jan-09	400	17.9	342	NNW	47.4	n/a	n/a	0	0	0	0
24-Jan-09	500	19.3	328	NNW	46.9	n/a	n/a	0	0	0	0
24-Jan-09	600	19.9	322	NW	47.8	n/a	n/a	0	0	0	0
24-Jan-09	700	21.5	317	NW	49.0	n/a	n/a	0	0	0	0
24-Jan-09	800	23.4	321	NW	50.5	n/a	n/a	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											
24-Jan-09	900	23.3	327	NNW	50.5	n/a	n/a	0	0	0	0
24-Jan-09	1000	23.2	327	NNW	51.5	n/a	n/a	0	0	0	0
24-Jan-09	1100	22.7	336	NNW	51.5	n/a	n/a	0	0	0	0
24-Jan-09	1200	27.6	346	NNW	59.2	n/a	n/a	0	0	0	0
24-Jan-09	1300	21.7	342	NNW	53.5	n/a	n/a	0	0	0	0
24-Jan-09	1400	20.6	342	NNW	51.2	n/a	n/a	0	0	0	0
24-Jan-09	1500	15.8	336	NNW	48.9	n/a	n/a	0	0	0	0
24-Jan-09	1600	14.6	358	N	48.6	n/a	n/a	0	0	0	0
24-Jan-09	1700	17.2	4	N	48.5	n/a	n/a	0	0	0	0
24-Jan-09	1800	11.6	350	N	46.0	n/a	n/a	0	0	0	0
24-Jan-09	1900	13.4	352	N	45.2	n/a	n/a	0	0	0	0
24-Jan-09	2000	14.0	350	N	44.9	n/a	n/a	0	0	0	0
24-Jan-09	2100	12.6	356	N	44.4	n/a	n/a	0	0	0	0
24-Jan-09	2200	11.3	358	N	43.5	n/a	n/a	0	0	0	0
24-Jan-09	2300	9.3	1	N	44.9	n/a	n/a	0	0	0	0
24-Jan-09	2400	5.9	2	N	44.5	n/a	n/a	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											
25-Jan-09	100	5.7	26	NNE	42.6	n/a	n/a	0	0	0	0
25-Jan-09	200	4.2	28	NNE	43.4	n/a	n/a	0	0	0	0
25-Jan-09	300	3.3	161	SSE	43.9	n/a	n/a	0	0	0	0
25-Jan-09	400	4.5	78	ENE	43.2	n/a	n/a	0	0	0	0
25-Jan-09	500	4.6	77	ENE	42.7	n/a	n/a	0	0	0	0
25-Jan-09	600	5.8	77	ENE	45.4	n/a	n/a	0	0	0	0
25-Jan-09	700	4.5	79	ENE	48.2	n/a	n/a	0	0	0	0
25-Jan-09	800	6.0	80	E	51.3	n/a	n/a	0	0	0	0