

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											
16-Nov-09	900	10.3	138	SE	55.2	256.7	75.9	0	0	0	0
16-Nov-09	1000	12.0	149	SSE	53.1	24.7	3.8	0	0	0	0
16-Nov-09	1100	6.0	124	SE	52.7	33.1	5.4	0	0	0	0
16-Nov-09	1200	10.9	152	SSE	54.4	156.9	16.3	0	0	0	0
16-Nov-09	1300	10.3	202	SSW	53.2	13.6	3.7	0	0	0	0
16-Nov-09	1400	15.1	202	SSW	54.6	6.2	1.2	0	0	0	0
16-Nov-09	1500	22.1	199	SSW	60.4	37.3	6.1	0	0	0	0
16-Nov-09	1600	19.8	202	SSW	54.6	11.9	1.6	0	0	0	0
16-Nov-09	1700	13.2	207	SSW	51.6	6.8	1.4	0	0	0	0
16-Nov-09	1800	6.0	233	SW	51.4	9.4	3.1	0	0	0	0
16-Nov-09	1900	8.0	222	SW	50.1	8.3	1.7	0	0	0	0
16-Nov-09	2000	5.0	239	WSW	48.3	1.1	0.2	0	0	0	0
16-Nov-09	2100	7.1	9	N	46.7	10.0	1.9	0	0	0	0
16-Nov-09	2200	6.8	64	ENE	48.3	35.4	4.8	0	0	0	0
16-Nov-09	2300	4.9	59	ENE	48.6	38.8	5.5	0	0	0	0
16-Nov-09	2400	7.6	298	WNW	46.9	33.9	3.8	0	0	0	0

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Alarms											
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17-Nov-09	100	8.1	48	NE	45.5	12.4	1.4	0	0	0	0
17-Nov-09	200	12.8	111	ESE	47.0	19.4	4.4	0	0	0	0
17-Nov-09	300	22.9	200	SSW	54.1	27.3	12.1	0	0	0	0
17-Nov-09	400	37.4	211	SSW	63.5	5.3	1.2	0	0	0	0
17-Nov-09	500	28.0	210	SSW	59.8	8.1	2.1	0	0	0	0
17-Nov-09	600	24.2	214	SW	55.2	8.5	1.6	0	0	0	0
17-Nov-09	700	22.8	211	SSW	52.3	13.0	2.9	0	0	0	0
17-Nov-09	800	29.0	207	SSW	61.9	14.9	4.0	0	0	0	0
17-Nov-09	900	32.1	210	SSW	63.5	37.1	5.1	0	0	0	0
17-Nov-09	1000	25.6	193	SSW	61.3	64.2	2.3	0	0	0	0
17-Nov-09	1100	34.4	185	S	63.2	50.3	2.8	0	0	0	0
17-Nov-09	1200	44.8	189	S	73.4	55.0	1.7	2.1	0	0	0
17-Nov-09	1300	45.4	186	S	74.8	66.5	3.3	4.5	0	0	0
17-Nov-09	1400	45.7	182	S	74.3	38.4	1.3	2.7	0	0	0
17-Nov-09	1500	29.9	178	S	58.7	9.4	2.3	0	0	0	0
17-Nov-09	1600	29.1	185	S	62.6	13.0	1.2	0	0	0	0

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1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
17-Nov-09	1700	20.7	192	SSW	52.9	5.3	1.2	0	0	0	0
17-Nov-09	1800	22.3	182	S	52.2	7.9	1.1	0	0	0	0
17-Nov-09	1900	16.7	169	S	51.2	9.6	1.0	0	0	0	0
17-Nov-09	2000	12.4	205	SSW	47.7	3.4	1.2	0	0	0	0
17-Nov-09	2100	13.9	236	SW	46.2	2.3	1.3	0	0	0	0
17-Nov-09	2200	12.6	272	W	49.7	3.8	2.9	0	0	0	0
17-Nov-09	2300	12.4	280	W	48.5	1.9	1.4	0	0	0	0
17-Nov-09	2400	9.3	357	N	44.6	4.7	1.5	0	0	0	0
18-Nov-09	100	5.7	313	NW	46.8	28.8	3.1	0	0	0	0
18-Nov-09	200	5.6	297	WNW	43.3	43.7	5.9	0	0	0	0
18-Nov-09	300	10.9	248	WSW	42.7	3.8	1.0	0	0	0	0
18-Nov-09	400	11.5	212	SSW	49.9	1.5	1.4	0	0	0	0
18-Nov-09	500	10.7	225	SW	43.1	1.5	0.6	0	0	0	0
18-Nov-09	600	12.8	202	SSW	44.2	2.6	0.5	0	0	0	0
18-Nov-09	700	12.4	212	SSW	49.4	1.5	0.7	0	0	0	0
18-Nov-09	800	14.1	250	WSW	54.4	5.5	0.6	0	0	0	0

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Alarms											
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18-Nov-09	900	21.8	229	SW	53.6	19.4	1.8	0	0	0	0
18-Nov-09	1000	19.6	242	WSW	52.9	16.2	3.0	0	0	0	0
18-Nov-09	1100	14.0	240	WSW	51.9	9.4	1.9	0	0	0	0
18-Nov-09	1200	17.3	250	WSW	53.4	4.7	2.0	0	0	0	0
18-Nov-09	1300	15.8	213	SSW	54.8	7.9	3.3	0	0	0	0
18-Nov-09	1400	22.1	211	SSW	57.0	14.5	0.4	0	0	0	0
18-Nov-09	1500	23.6	199	SSW	55.9	11.5	0.9	0	0	0	0
18-Nov-09	1600	17.9	206	SSW	49.0	43.1	2.2	0	0	0	0
18-Nov-09	1700	11.8	235	SW	49.1	3.8	1.6	0	0	0	0
18-Nov-09	1800	16.0	252	WSW	50.0	3.0	1.7	0	0	0	0
18-Nov-09	1900	16.8	247	WSW	44.5	2.1	0.9	0	0	0	0
18-Nov-09	2000	8.9	234	SW	44.9	1.9	1.1	0	0	0	0
18-Nov-09	2100	8.6	207	SSW	46.5	3.2	0.6	0	0	0	0
18-Nov-09	2200	12.3	171	S	46.9	7.9	3.9	0	0	0	0
18-Nov-09	2300	11.8	164	SSE	44.8	10.7	1.7	0	0	0	0
18-Nov-09	2400	12.0	156	SSE	46.2	9.0	3.4	0	0	0	0

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Alarms											
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19-Nov-09	100	14.3	154	SSE	47.4	10.7	2.3	0	0	0	0
19-Nov-09	200	18.3	167	SSE	47.7	5.8	2.5	0	0	0	0
19-Nov-09	300	19.3	164	SSE	49.0	3.2	0.8	0	0	0	0
19-Nov-09	400	15.7	170	S	46.3	2.1	1.2	0	0	0	0
19-Nov-09	500	12.8	182	S	44.9	0.9	0.9	0	0	0	0
19-Nov-09	600	13.9	212	SSW	46.3	7.0	1.7	0	0	0	0
19-Nov-09	700	19.4	219	SW	54.2	1.9	0.8	0	0	0	0
19-Nov-09	800	20.5	239	WSW	52.4	1.9	0.2	0	0	0	0
19-Nov-09	900	27.1	239	WSW	57.8	10.9	2.0	0	0	0	0
19-Nov-09	1000	30.2	237	WSW	55.5	1.7	0.6	0	0	0	0
19-Nov-09	1100	30.1	268	W	58.0	4.7	0.3	0	0	0	0
19-Nov-09	1200	28.1	253	WSW	56.1	1.9	1.6	0	0	0	0
19-Nov-09	1300	30.2	256	WSW	53.8	3.2	0.7	0	0	0	0
19-Nov-09	1400	25.8	255	WSW	53.2	1.7	2.0	0	0	0	0
19-Nov-09	1500	19.7	269	W	49.8	6.2	2.2	0	0	0	0
19-Nov-09	1600	10.1	330	NNW	51.2	11.9	1.6	0	0	0	0

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19-Nov-09	1700	6.3	23	NNE	53.2	29.8	6.7	0	0	0	0
19-Nov-09	1800	8.7	329	NNW	50.3	18.1	1.9	0	0	0	0
19-Nov-09	1900	4.8	304	NW	48.5	2.6	1.4	0	0	0	0
19-Nov-09	2000	5.6	88	E	46.6	74.0	12.1	0	0	0	0
19-Nov-09	2100	7.9	93	E	53.1	160.3	23.9	0	0	0	0
19-Nov-09	2200	10.0	146	SSE	49.1	15.1	4.2	0	0	0	0
19-Nov-09	2300	10.1	146	SE	47.1	15.4	4.7	0	0	0	0
19-Nov-09	2400	11.0	164	SSE	47.1	17.7	5.1	0	0	0	0
20-Nov-09	100	11.3	159	SSE	48.6	16.0	4.6	0	0	0	0
20-Nov-09	200	10.1	166	SSE	48.8	9.6	4.8	0	0	0	0
20-Nov-09	300	15.8	155	SSE	50.5	10.5	4.3	0	0	0	0
20-Nov-09	400	12.5	149	SSE	46.7	8.1	1.3	0	0	0	0
20-Nov-09	500	11.6	153	SSE	44.5	8.7	0.3	0	0	0	0
20-Nov-09	600	8.6	131	SE	46.1	25.6	3.3	0	0	0	0
20-Nov-09	700	7.6	42	NE	51.3	31.6	5.6	0	1	0	0
20-Nov-09	800	9.8	111	ESE	53.1	153.3	40.8	0	0	0	0

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20-Nov-09	1000	12.8	150	SSE	56.9	41.4	8.9	0	0	0	0
20-Nov-09	1100	12.4	164	SSE	53.1	33.1	7.5	0	0	0	0
20-Nov-09	1200	10.1	157	SSE	54.2	36.5	9.4	0	0	0	0
20-Nov-09	1300	16.1	169	S	54.7	26.7	7.1	0	0	0	0
20-Nov-09	1400	20.4	203	SSW	58.5	49.7	9.0	0	0	0	0
20-Nov-09	1500	12.7	216	SW	51.3	35.6	8.5	0	0	0	0
20-Nov-09	1600	9.9	213	SSW	54.0	39.4	4.8	0	0	0	0
20-Nov-09	1700	13.0	316	NW	48.6	44.8	5.6	0	0	0	0
20-Nov-09	1800	10.2	311	NW	50.3	35.0	4.7	0	0	0	0
20-Nov-09	1900	5.6	329	NNW	47.7	25.8	7.6	0	0	0	0
20-Nov-09	2000	6.4	229	SW	44.4	22.6	9.0	0	0	0	0
20-Nov-09	2100	7.2	207	SSW	44.6	21.5	6.1	0	0	0	0
20-Nov-09	2200	8.4	229	SW	42.5	20.7	12.1	0	0	0	0
20-Nov-09	2300	9.3	245	WSW	44.0	18.8	5.0	0	0	0	0
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21-Nov-09	1200	25.4	348	NNW	57.9	3.6	2.8	0	0	0	0
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21-Nov-09	1500	9.2	116	ESE	48.9	6.4	4.0	0	0	0	0
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1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
21-Nov-09	1700	12.3	198	SSW	50.6	10.7	2.8	0	0	0	0
21-Nov-09	1800	12.5	243	WSW	44.2	5.8	1.3	0	0	0	0
21-Nov-09	1900	14.5	245	WSW	45.4	4.3	1.1	0	0	0	0
21-Nov-09	2000	16.6	238	WSW	48.3	2.6	0.7	0	0	0	0
21-Nov-09	2100	18.8	253	WSW	44.0	5.3	1.3	0	0	0	0
21-Nov-09	2200	15.8	253	WSW	47.3	1.5	0.3	0	0	0	0
21-Nov-09	2300	18.3	250	WSW	42.7	3.2	1.3	0	0	0	0
21-Nov-09	2400	17.5	235	SW	44.0	1.7	1.2	0	0	0	0
22-Nov-09	100	18.1	239	WSW	44.4	2.3	0.8	0	0	0	0
22-Nov-09	200	18.8	239	WSW	44.9	1.7	0.6	0	0	0	0
22-Nov-09	300	19.1	245	WSW	46.5	2.6	0.5	0	0	0	0
22-Nov-09	400	24.2	272	W	49.7	4.9	0.6	0	0	0	0
22-Nov-09	500	15.6	300	WNW	40.7	2.1	0.6	0	0	0	0
22-Nov-09	600	13.4	315	NW	41.2	3.4	0.6	0	0	0	0
22-Nov-09	700	8.9	304	NW	44.3	1.3	0.1	0	0	0	0
22-Nov-09	800	7.1	302	WNW	43.1	3.0	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 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											
22-Nov-09	900	6.4	220	SW	48.1	5.1	1.9	0	0	0	0
22-Nov-09	1000	7.4	133	SE	45.1	6.2	0.6	0	0	0	0
22-Nov-09	1100	12.0	136	SE	52.4	2.8	1.6	0	0	0	0
22-Nov-09	1200	18.6	169	S	52.8	4.7	1.1	0	0	0	0
22-Nov-09	1300	14.0	166	SSE	50.4	4.7	1.6	0	0	0	0
22-Nov-09	1400	13.6	163	SSE	48.9	1.7	0.2	0	0	0	0
22-Nov-09	1500	10.9	144	SE	48.7	3.6	2.2	0	0	0	0
22-Nov-09	1600	10.7	141	SE	43.1	7.3	1.3	0	0	0	0
22-Nov-09	1700	6.2	144	SE	44.4	5.8	2.6	0	0	0	0
22-Nov-09	1800	7.4	107	ESE	43.3	22.2	3.6	0	0	0	0
22-Nov-09	1900	4.1	58	ENE	48.4	22.8	4.6	0	0	0	0
22-Nov-09	2000	4.3	177	S	48.9	19.8	2.2	0	0	0	0
22-Nov-09	2100	4.7	154	SSE	43.2	37.7	8.2	0	0	0	0
22-Nov-09	2200	6.2	193	SSW	44.1	28.8	7.3	0	0	0	0
22-Nov-09	2300	13.6	255	WSW	41.6	14.3	2.9	0	0	0	0
22-Nov-09	2400	18.5	274	W	42.6	6.4	2.4	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 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											
23-Nov-09	100	19.7	275	W	43.9	2.6	1.6	0	0	0	0
23-Nov-09	200	17.6	277	W	42.1	3.0	1.6	0	0	0	0
23-Nov-09	300	17.7	283	WNW	43.3	0.9	0.3	0	0	0	0
23-Nov-09	400	22.1	282	WNW	44.0	1.9	2.2	0	0	0	0
23-Nov-09	500	20.9	281	W	46.0	2.1	0.8	0	0	0	0
23-Nov-09	600	21.6	267	W	46.3	3.4	0.6	0	0	0	0
23-Nov-09	700	17.8	272	W	45.3	1.5	0.9	0	0	0	0
23-Nov-09	800	17.5	263	W	56.3	1.3	0.6	0	0	0	0