

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											
18-Oct-10	800	16.8	263	W	53.1	14.4	5.6	0	0	0	0
18-Oct-10	900	22.2	269	W	51.6	15.4	5.8	0	0	0	0
18-Oct-10	1000	20.2	262	W	51.7	13.7	8.4	0	0	0	0
18-Oct-10	1100	22.2	270	W	51.7	12.7	1.9	0	0	0	0
18-Oct-10	1200	23.2	274	W	53.0	13.3	1.7	0	0	0	0
18-Oct-10	1300	20.8	265	W	52.8	12.0	5.4	0	0	0	0
18-Oct-10	1400	22.5	257	WSW	53.6	15.5	2.9	0	0	0	0
18-Oct-10	1500	22.9	266	W	52.9	11.2	1.4	0	0	0	0
18-Oct-10	1600	20.6	271	W	50.8	7.6	4.8	0	0	0	0
18-Oct-10	1700	23.3	270	W	52.1	7.0	3.1	0	0	0	0
18-Oct-10	1800	24.0	266	W	52.9	5.8	2.5	0	0	0	0
18-Oct-10	1900	22.1	267	W	52.1	3.4	1.2	0	0	0	0
18-Oct-10	2000	25.7	268	W	54.0	6.9	2.4	0	0	0	0
18-Oct-10	2100	23.5	265	W	53.0	2.7	1.0	0	0	0	0
18-Oct-10	2200	19.6	266	W	50.5	2.9	0.9	0	0	0	0
18-Oct-10	2300	22.2	270	W	51.1	4.7	1.6	0	0	0	0

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1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
18-Oct-10	2400	22.9	272	W	50.7	5.4	2.9	0	0	0	0
19-Oct-10	100	20.5	270	W	48.8	2.9	0.6	0	0	0	0
19-Oct-10	200	20.0	262	W	49.2	2.6	1.6	0	0	0	0
19-Oct-10	300	19.9	262	W	49.2	3.5	1.0	0	0	0	0
19-Oct-10	400	20.0	263	W	49.6	3.7	2.2	0	0	0	0
19-Oct-10	500	16.4	266	W	46.7	3.7	1.8	0	0	0	0
19-Oct-10	600	18.7	267	W	49.6	2.0	0.8	0	0	0	0
19-Oct-10	700	20.0	268	W	52.4	5.0	2.3	0	0	0	0
19-Oct-10	800	26.2	270	W	55.0	1.9	0.4	0	0	0	0
19-Oct-10	900	27.0	263	W	55.1	5.0	1.2	0	0	0	0
19-Oct-10	1000	29.1	266	W	56.4	4.5	0.8	0	0	0	0
19-Oct-10	1100	29.0	264	W	56.7	7.2	1.5	0	0	0	0
19-Oct-10	1200	27.4	261	W	56.0	3.0	1.4	0	0	0	0
19-Oct-10	1300	28.2	258	WSW	57.6	7.2	1.7	0	0	0	0
19-Oct-10	1400	25.0	253	WSW	55.0	4.2	0.5	0	0	0	0
19-Oct-10	1500	23.5	256	WSW	53.4	2.4	0.6	0	0	0	0

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1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
19-Oct-10	1600	23.5	254	WSW	52.8	8.9	2.6	0	0	0	0
19-Oct-10	1700	21.8	254	WSW	51.2	2.2	0.8	0	0	0	0
19-Oct-10	1800	15.9	255	WSW	49.8	3.6	1.3	0	0	0	0
19-Oct-10	1900	18.2	254	WSW	51.6	7.1	2.2	0	0	0	0
19-Oct-10	2000	17.9	256	WSW	51.2	3.1	1.6	0	0	0	0
19-Oct-10	2100	14.7	248	WSW	50.0	4.0	2.1	0	0	0	0
19-Oct-10	2200	12.2	249	WSW	51.6	5.8	2.9	0	0	0	0
19-Oct-10	2300	12.6	312	NW	51.2	39.2	7.5	0	0	0	0
19-Oct-10	2400	7.3	16	NNE	49.4	25.7	5.1	0	0	0	0
20-Oct-10	100	5.0	64	ENE	48.0	41.7	5.6	0	0	0	0
20-Oct-10	200	7.7	146	SSE	48.9	24.0	4.6	0	0	0	0
20-Oct-10	300	8.5	162	SSE	49.3	21.7	4.0	0	0	0	0
20-Oct-10	400	9.0	161	SSE	47.9	24.1	3.6	0	0	0	0
20-Oct-10	500	9.4	164	SSE	48.4	21.7	3.9	0	0	0	0
20-Oct-10	600	11.1	166	SSE	52.5	16.8	3.8	0	1	0	0
20-Oct-10	700	10.3	162	SSE	54.4	31.2	6.7	0	0	0	0

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Alarms											
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20-Oct-10	800	11.2	158	SSE	56.2	24.1	3.7	0	0	0	0
20-Oct-10	900	15.0	163	SSE	55.5	31.5	6.5	0	0	0	0
20-Oct-10	1000	9.4	170	S	54.1	47.5	10.7	0	0	0	0
20-Oct-10	1100	10.8	171	S	53.0	36.5	8.4	0	0	0	0
20-Oct-10	1200	12.1	158	SSE	54.0	37.3	11.0	0	0	0	0
20-Oct-10	1300	14.1	154	SSE	54.1	47.7	12.6	0	0	0	0
20-Oct-10	1400	15.5	170	S	53.3	28.8	10.8	0	0	0	0
20-Oct-10	1500	15.7	166	SSE	53.8	21.1	5.5	0	0	0	0
20-Oct-10	1600	14.5	167	SSE	52.3	25.5	6.7	0	0	0	0
20-Oct-10	1700	12.8	161	SSE	51.4	31.7	7.8	0	0	0	0
20-Oct-10	1800	11.3	161	SSE	51.4	32.4	9.1	0	0	0	0
20-Oct-10	1900	15.7	186	S	51.2	33.3	7.2	0	0	0	0
20-Oct-10	2000	11.6	199	SSW	48.6	30.6	9.3	0	0	0	0
20-Oct-10	2100	10.3	229	SW	48.4	28.8	7.1	0	0	0	0
20-Oct-10	2200	10.6	244	WSW	49.3	22.9	6.0	0	0	0	0
20-Oct-10	2300	9.1	251	WSW	48.7	13.9	5.5	0	0	0	0

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20-Oct-10	2400	9.3	267	W	46.1	12.2	2.6	0	0	0	0
21-Oct-10	100	11.9	265	W	47.3	7.9	2.4	0	0	0	0
21-Oct-10	200	11.8	265	W	47.4	6.2	1.9	0	0	0	0
21-Oct-10	300	11.1	270	W	49.0	7.2	1.9	0	0	0	0
21-Oct-10	400	15.1	264	W	48.6	3.7	0.6	0	0	0	0
21-Oct-10	500	15.6	261	W	47.1	4.0	1.2	0	0	0	0
21-Oct-10	600	12.8	263	W	52.1	5.4	3.3	0	0	0	0
21-Oct-10	700	13.9	258	WSW	52.8	6.7	2.4	0	0	0	0
21-Oct-10	800	13.2	273	W	55.2	6.7	0.6	0	0	0	0
21-Oct-10	900	13.7	257	WSW	53.7	8.2	5.4	0	0	0	0
21-Oct-10	1000	16.8	262	W	51.6	14.2	3.8	0	0	0	0
21-Oct-10	1100	26.3	277	W	54.1	6.9	3.0	0	0	0	0
21-Oct-10	1200	26.7	276	W	55.3	11.0	2.3	0	0	0	0
21-Oct-10	1300	21.7	278	W	54.2	13.3	3.9	0	0	0	0
21-Oct-10	1400	21.1	278	W	51.8	9.6	1.3	0	0	0	0
21-Oct-10	1500	19.8	274	W	50.9	5.3	2.3	0	0	0	0

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21-Oct-10	1600	17.3	277	W	50.2	13.6	0.9	0	0	0	0
21-Oct-10	1700	11.5	142	SE	51.1	36.3	3.4	0	0	0	0
21-Oct-10	1800	11.7	94	E	51.9	101.4	15.2	0	0	0	0
21-Oct-10	1900	9.9	98	E	50.1	55.9	13.5	0	0	0	0
21-Oct-10	2000	6.8	180	S	49.3	34.7	9.1	0	0	0	0
21-Oct-10	2100	5.9	78	ENE	48.8	93.9	20.3	0	0	0	0
21-Oct-10	2200	4.5	28	NNE	48.2	99.4	20.4	0	0	0	0
21-Oct-10	2300	6.2	94	E	45.6	153.4	33.0	0	0	0	0
21-Oct-10	2400	7.7	11	NNE	48.4	78.6	17.4	0	0	0	0
22-Oct-10	100	8.1	352	N	51.7	45.5	8.4	0	1	0	0
22-Oct-10	200	12.1	337	NNW	53.0	59.9	11.0	0	0	0	0
22-Oct-10	300	18.3	332	NNW	52.6	51.5	11.8	0	0	0	0
22-Oct-10	400	19.9	330	NNW	52.1	47.6	9.4	0	0	0	0
22-Oct-10	500	14.2	341	NNW	49.0	33.1	9.5	0	0	0	0
22-Oct-10	600	12.9	340	NNW	52.1	33.5	9.4	0	0	0	0
22-Oct-10	700	11.7	341	NNW	55.8	45.2	14.0	0	0	0	0

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22-Oct-10	800	7.0	353	N	57.0	72.0	23.0	0	0	0	0
22-Oct-10	900	7.2	336	NNW	56.3	150.9	19.4	0	0	0	0
22-Oct-10	1000	4.4	356	N	56.2	284.5	15.0	0	0	1	0
22-Oct-10	1100	5.3	102	ESE	54.4	82.9	22.9	0	0	0	0
22-Oct-10	1200	7.5	114	ESE	55.3	93.0	24.3	0	0	0	0
22-Oct-10	1300	8.8	97	E	54.4	97.7	31.1	0	0	0	0
22-Oct-10	1400	9.6	102	ESE	54.7	88.1	22.2	0	0	0	0
22-Oct-10	1500	9.8	106	ESE	55.0	74.2	20.0	0	0	0	0
22-Oct-10	1600	10.7	119	ESE	53.5	61.4	15.7	0	0	0	0
22-Oct-10	1700	12.4	145	SE	51.7	73.5	16.0	0	0	0	0
22-Oct-10	1800	11.8	155	SSE	50.4	71.7	15.7	0	0	0	0
22-Oct-10	1900	9.2	130	SE	49.8	68.8	13.3	0	0	0	0
22-Oct-10	2000	8.9	155	SSE	49.6	67.7	16.0	0	0	0	0
22-Oct-10	2100	8.8	167	SSE	49.4	71.8	16.2	0	0	0	0
22-Oct-10	2200	11.4	227	SW	48.5	66.2	16.6	0	0	0	0
22-Oct-10	2300	12.7	296	WNW	52.7	69.1	19.9	0	0	0	0

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23-Oct-10	100	20.8	316	NW	54.4	81.2	24.2	0	0	0	0
23-Oct-10	200	16.8	315	NW	54.7	84.2	23.9	0	0	0	0
23-Oct-10	300	17.3	329	NNW	52.2	61.8	22.7	0	0	0	0
23-Oct-10	400	12.8	337	NNW	53.2	70.7	23.9	0	0	0	0
23-Oct-10	500	11.8	344	NNW	48.0	85.4	29.1	0	0	0	0
23-Oct-10	600	13.8	333	NNW	51.9	101.2	34.2	0	0	0	0
23-Oct-10	700	14.7	324	NW	53.1	124.2	33.8	0	0	0	0
23-Oct-10	800	14.4	332	NNW	55.0	94.3	19.5	0	0	0	0
23-Oct-10	900	15.5	323	NW	54.1	83.1	22.2	0	0	0	0
23-Oct-10	1000	11.9	328	NNW	53.5	96.9	19.5	0	0	0	0
23-Oct-10	1100	8.9	2	N	54.4	126.2	25.8	0	0	0	0
23-Oct-10	1200	7.2	22	NNE	54.3	132.2	44.3	0	0	0	0
23-Oct-10	1300	7.4	38	NE	54.9	129.1	45.0	0	0	0	0
23-Oct-10	1400	7.7	95	E	53.6	119.3	35.2	0	0	0	0
23-Oct-10	1500	12.3	100	E	53.1	101.6	34.0	0	0	0	0

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23-Oct-10	1600	15.7	97	E	53.4	94.7	31.4	0	0	0	0
23-Oct-10	1700	15.6	103	ESE	51.0	79.7	27.4	0	0	0	0
23-Oct-10	1800	12.4	112	ESE	50.5	78.1	25.5	0	0	0	0
23-Oct-10	1900	12.9	106	ESE	48.8	74.3	20.8	0	0	0	0
23-Oct-10	2000	14.2	100	E	47.6	68.4	19.6	0	0	0	0
23-Oct-10	2100	11.0	106	ESE	47.5	54.6	15.1	0	0	0	0
23-Oct-10	2200	10.0	110	ESE	48.5	48.9	12.3	0	0	0	0
23-Oct-10	2300	17.6	126	SE	48.8	38.4	10.0	0	0	0	0
23-Oct-10	2400	13.8	127	SE	47.4	45.0	14.1	0	0	0	0
24-Oct-10	100	14.2	140	SE	45.8	52.0	12.2	0	0	0	0
24-Oct-10	200	10.6	140	SE	44.9	57.4	13.0	0	0	0	0
24-Oct-10	300	7.8	127	SE	44.1	70.6	23.1	0	0	0	0
24-Oct-10	400	7.4	148	SSE	42.8	N/A	16.0	0	0	0	0
24-Oct-10	500	8.2	173	S	41.5	N/A	7.6	0	0	0	0
24-Oct-10	600	8.0	181	S	43.1	N/A	4.2	0	0	0	0
24-Oct-10	700	6.1	168	SSE	44.2	N/A	6.1	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											
24-Oct-10	800	7.3	173	S	48.2	N/A	5.2	0	0	0	0
24-Oct-10	900	5.0	171	S	49.9	N/A	7.3	0	0	0	0
24-Oct-10	1000	7.0	196	SSW	51.4	N/A	10.4	0	0	0	0
24-Oct-10	1100	7.0	178	S	52.5	102.5	28.9	0	0	0	0
24-Oct-10	1200	6.6	175	S	52.0	69.7	21.5	0	0	0	0
24-Oct-10	1300	5.4	175	S	51.8	61.9	26.0	0	0	0	0
24-Oct-10	1400	6.3	100	E	52.4	106.3	41.2	0	0	0	0
24-Oct-10	1500	6.5	98	E	51.7	101.9	40.0	0	0	0	0
24-Oct-10	1600	7.0	140	SE	51.8	73.0	27.9	0	0	0	0
24-Oct-10	1700	5.1	57	ENE	51.2	90.0	32.6	0	0	0	0
24-Oct-10	1800	5.9	39	NE	50.0	82.2	29.5	0	0	0	0
24-Oct-10	1900	9.1	15	NNE	47.7	122.4	46.8	0	0	0	0
24-Oct-10	2000	12.7	8	N	43.7	179.9	49.6	0	0	0	0
24-Oct-10	2100	11.7	352	N	43.3	79.9	20.2	0	0	0	0
24-Oct-10	2200	17.1	338	NNW	47.3	19.9	7.3	0	0	0	0
24-Oct-10	2300	16.2	333	NNW	44.4	20.2	8.4	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 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											
24-Oct-10	2400	18.3	331	NNW	46.3	17.2	8.7	0	0	0	0
25-Oct-10	100	22.3	325	NW	49.5	13.6	5.8	0	0	0	0
25-Oct-10	200	24.8	329	NNW	53.3	9.7	0.9	0	0	0	0
25-Oct-10	300	25.0	331	NNW	53.8	2.8	0.4	0	0	0	0
25-Oct-10	400	21.8	331	NNW	50.8	1.6	0.4	0	0	0	0
25-Oct-10	500	26.7	330	NNW	55.6	3.0	0.4	0	0	0	0
25-Oct-10	600	30.4	328	NNW	59.5	2.2	0.7	0	0	0	0
25-Oct-10	700	26.5	331	NNW	56.8	8.1	1.6	0	0	0	0