

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											
15-Nov-10	900	12.8	314	NW	54.9	29.9	4.8	0	0	0	0
15-Nov-10	1000	10.9	316	NW	53.8	15.7	1.5	0	0	0	0
15-Nov-10	1100	9.8	326	NW	53.2	7.8	1.7	0	0	0	0
15-Nov-10	1200	7.5	313	NW	52.0	5.9	2.6	0	0	0	0
15-Nov-10	1300	6.1	236	SW	55.9	5.1	1.3	0	0	0	0
15-Nov-10	1400	11.5	155	SSE	56.0	11.8	2.6	0	0	0	0
15-Nov-10	1500	15.2	138	SE	54.1	17.2	5.4	0	0	0	0
15-Nov-10	1600	17.5	146	SE	54.8	18.7	6.3	0	0	0	0
15-Nov-10	1700	16.3	139	SE	54.4	12.3	1.0	0	0	0	0
15-Nov-10	1800	17.0	139	SE	52.1	11.2	1.3	0	0	0	0
15-Nov-10	1900	18.2	126	SE	51.7	8.7	1.2	0	0	0	0
15-Nov-10	2000	14.9	118	ESE	50.9	10.4	6.0	0	0	0	0
15-Nov-10	2100	14.3	100	E	48.7	5.4	0.8	0	0	0	0
15-Nov-10	2200	16.1	98	E	47.6	3.5	1.4	0	0	0	0
15-Nov-10	2300	17.7	55	NE	48.5	8.5	2.5	0	0	0	0
15-Nov-10	2400	29.6	25	NNE	60.2	24.5	7.8	0.2	0	0	0

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16-Nov-10	100	30.2	3	N	62.4	26.0	6.2	0.7	0	0	0
16-Nov-10	200	33.0	348	NNW	64.3	28.1	10.2	0	0	0	0
16-Nov-10	300	30.1	343	NNW	62.9	20.1	7.7	0	0	0	0
16-Nov-10	400	28.1	346	NNW	61.3	24.3	8.9	0	0	0	0
16-Nov-10	500	25.4	349	N	59.1	20.6	3.8	0	0	0	0
16-Nov-10	600	24.0	346	NNW	57.4	12.4	2.0	0	0	0	0
16-Nov-10	700	23.3	356	N	56.4	15.4	3.6	0	0	0	0
16-Nov-10	800	19.0	356	N	53.0	8.1	3.7	0	0	0	0
16-Nov-10	900	15.0	346	NNW	48.8	10.6	2.1	0	0	0	0
16-Nov-10	1000	13.8	5	N	46.7	10.5	1.3	0	0	0	0
16-Nov-10	1100	17.3	11	N	50.0	21.7	7.7	0	0	0	0
16-Nov-10	1200	15.6	10	N	49.2	38.6	13.8	0	0	0	0
16-Nov-10	1300	14.1	22	NNE	49.1	33.8	6.0	0	0	0	0
16-Nov-10	1400	10.0	14	NNE	48.4	21.9	4.5	0	0	0	0
16-Nov-10	1500	12.2	11	N	47.2	25.3	5.7	0	0	0	0
16-Nov-10	1600	11.1	44	NE	46.8	30.8	11.8	0	0	0	0

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16-Nov-10	1700	8.3	50	NE	46.5	33.4	10.2	0	0	0	0
16-Nov-10	1800	5.4	62	ENE	45.0	32.1	13.7	0	0	0	0
16-Nov-10	1900	8.7	68	ENE	44.5	37.9	11.3	0	0	0	0
16-Nov-10	2000	11.3	82	E	43.7	35.7	8.8	0	0	0	0
16-Nov-10	2100	11.8	73	ENE	42.6	15.5	4.4	0	0	0	0
16-Nov-10	2200	11.3	79	E	42.9	2.4	1.1	0	0	0	0
16-Nov-10	2300	12.2	87	E	44.2	35.4	10.1	0	0	0	0
16-Nov-10	2400	11.7	95	E	44.5	37.3	8.1	0	0	0	0
17-Nov-10	100	12.2	104	ESE	44.1	46.4	9.4	0	0	0	0
17-Nov-10	200	10.7	108	ESE	44.2	37.5	10.5	0	0	0	0
17-Nov-10	300	11.8	112	ESE	45.6	36.5	14.0	0	0	0	0
17-Nov-10	400	14.0	110	ESE	45.9	34.9	9.7	0	0	0	0
17-Nov-10	500	14.3	106	ESE	45.8	32.9	9.7	0	0	0	0
17-Nov-10	600	15.1	106	ESE	46.4	25.0	6.4	0	0	0	0
17-Nov-10	700	14.2	118	ESE	47.7	24.9	9.8	0	0	0	0
17-Nov-10	800	15.6	121	ESE	50.9	31.3	7.3	0	0	0	0

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17-Nov-10	900	17.4	121	ESE	51.8	28.7	11.6	0	0	0	0
17-Nov-10	1000	15.7	116	ESE	49.2	29.8	9.8	0	0	0	0
17-Nov-10	1100	16.5	115	ESE	48.6	17.2	7.6	0	0	0	0
17-Nov-10	1200	18.5	115	ESE	49.7	24.3	4.5	0	0	0	0
17-Nov-10	1300	19.8	124	SE	51.0	20.5	5.6	0	0	0	0
17-Nov-10	1400	21.8	128	SE	52.3	28.5	5.2	0	0	0	0
17-Nov-10	1500	21.2	131	SE	52.7	30.9	4.4	0	0	0	0
17-Nov-10	1600	24.3	126	SE	54.7	29.3	5.0	0	0	0	0
17-Nov-10	1700	20.8	126	SE	51.7	26.5	7.0	0	0	0	0
17-Nov-10	1800	22.7	127	SE	53.4	45.2	5.4	0	0	0	0
17-Nov-10	1900	20.5	126	SE	51.8	30.3	7.6	0	0	0	0
17-Nov-10	2000	18.1	124	SE	49.7	29.3	5.4	0	0	0	0
17-Nov-10	2100	16.0	116	ESE	47.9	13.1	2.1	0	0	0	0
17-Nov-10	2200	15.8	100	E	45.7	11.8	1.6	0	0	0	0
17-Nov-10	2300	17.1	98	E	46.4	9.2	1.5	0	0	0	0
17-Nov-10	2400	14.4	85	E	43.2	8.7	2.0	0	0	0	0

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18-Nov-10	100	12.6	80	E	41.8	4.3	1.3	0	0	0	0
18-Nov-10	200	8.4	48	NE	41.2	4.2	2.8	0	0	0	0
18-Nov-10	300	10.6	9	N	42.3	3.8	0.6	0	0	0	0
18-Nov-10	400	11.9	13	NNE	41.6	4.4	0.6	0	0	0	0
18-Nov-10	500	12.9	355	N	42.4	3.9	0.6	0	0	0	0
18-Nov-10	600	14.4	349	N	47.4	6.3	1.0	0	0	0	0
18-Nov-10	700	14.1	354	N	47.4	6.5	1.1	0	0	0	0
18-Nov-10	800	14.3	346	NNW	48.8	14.1	2.5	0	0	0	0
18-Nov-10	900	16.0	349	N	50.2	6.9	2.2	0	0	0	0
18-Nov-10	1000	17.8	346	NNW	51.3	10.8	2.5	0	0	0	0
18-Nov-10	1100	20.4	341	NNW	53.5	10.7	1.7	0	0	0	0
18-Nov-10	1200	19.2	349	N	52.1	9.9	2.7	0	0	0	0
18-Nov-10	1300	21.0	345	NNW	54.0	10.5	3.0	0	0	0	0
18-Nov-10	1400	21.7	343	NNW	54.0	13.7	7.5	0	0	0	0
18-Nov-10	1500	19.8	343	NNW	51.4	7.4	2.0	0	0	0	0
18-Nov-10	1600	13.8	355	N	45.7	13.2	1.2	0	0	0	0

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18-Nov-10	1700	11.7	348	NNW	44.6	3.2	1.7	0	0	0	0
18-Nov-10	1800	12.2	343	NNW	44.8	6.0	2.6	0	0	0	0
18-Nov-10	1900	9.5	343	NNW	45.8	9.5	2.7	0	0	0	0
18-Nov-10	2000	6.0	298	WNW	44.9	7.8	5.3	0	0	0	0
18-Nov-10	2100	4.9	260	W	44.3	9.7	3.3	0	0	0	0
18-Nov-10	2200	3.5	260	W	42.3	7.1	2.6	0	0	0	0
18-Nov-10	2300	3.1	225	SW	41.6	12.2	2.5	0	0	0	0
18-Nov-10	2400	3.1	79	E	42.9	20.5	4.4	0	0	0	0
19-Nov-10	100	4.1	286	WNW	41.2	41.8	7.1	0	0	0	0
19-Nov-10	200	5.3	298	WNW	41.2	18.9	6.9	0	0	0	0
19-Nov-10	300	5.5	274	W	42.3	8.4	1.7	0	0	0	0
19-Nov-10	400	4.4	279	W	41.9	3.0	1.9	0	0	0	0
19-Nov-10	500	3.5	296	WNW	42.2	12.8	1.7	0	0	0	0
19-Nov-10	600	3.1	237	WSW	42.9	13.8	5.2	0	0	0	0
19-Nov-10	700	3.1	193	SSW	44.1	15.7	4.5	0	0	0	0
19-Nov-10	800	3.4	181	S	47.6	19.2	6.5	0	0	0	0

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19-Nov-10	1200	9.0	165	SSE	47.5	55.3	16.1	0	0	0	0
19-Nov-10	1300	8.5	165	SSE	48.1	47.8	16.5	0	0	0	0
19-Nov-10	1400	9.9	167	SSE	48.6	18.5	7.1	0	0	0	0
19-Nov-10	1500	9.3	168	SSE	47.7	17.2	6.2	0	0	0	0
19-Nov-10	1600	6.5	171	S	49.5	20.9	4.2	0	0	0	0
19-Nov-10	1700	6.4	132	SE	47.6	26.7	6.1	0	0	0	0
19-Nov-10	1800	7.7	102	ESE	46.5	33.7	12.8	0	0	0	0
19-Nov-10	1900	6.6	136	SE	46.7	40.7	10.2	0	0	0	0
19-Nov-10	2000	5.6	143	SE	46.3	63.7	21.8	0	0	0	0
19-Nov-10	2100	5.8	258	WSW	44.1	32.1	9.9	0	0	0	0
19-Nov-10	2200	5.2	288	WNW	43.8	32.0	6.9	0	0	0	0
19-Nov-10	2300	6.0	284	WNW	43.7	21.5	9.9	0	0	0	0
19-Nov-10	2400	5.5	278	W	43.3	23.5	8.9	0	0	0	0

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20-Nov-10	1300	10.8	346	NNW	44.5	32.2	7.9	0	0	0	0
20-Nov-10	1400	9.4	350	N	46.2	55.6	20.9	0	0	0	0
20-Nov-10	1500	9.3	359	N	44.4	12.4	6.4	0	0	0	0
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20-Nov-10	1700	6.8	356	N	43.1	19.7	7.9	0	0	0	0
20-Nov-10	1800	5.0	359	N	44.0	32.5	12.8	0	0	0	0
20-Nov-10	1900	3.8	348	NNW	45.0	27.3	8.9	0	0	0	0
20-Nov-10	2000	6.4	312	NW	44.2	24.5	8.6	0	0	0	0
20-Nov-10	2100	5.7	296	WNW	44.4	17.5	4.7	0	0	0	0
20-Nov-10	2200	4.9	271	W	44.8	17.7	3.5	0	0	0	0
20-Nov-10	2300	5.1	260	W	44.6	19.1	4.9	0	0	0	0
20-Nov-10	2400	3.5	270	W	43.0	22.5	5.2	0	0	0	0
21-Nov-10	100	3.1	276	W	41.9	26.3	6.9	0	0	0	0
21-Nov-10	200	3.3	266	W	40.2	17.4	7.4	0	0	0	0
21-Nov-10	300	3.7	260	W	41.6	23.4	8.9	0	0	0	0
21-Nov-10	400	4.3	271	W	42.3	25.4	5.2	0	0	0	0
21-Nov-10	500	4.3	293	WNW	41.6	21.6	6.3	0	0	0	0
21-Nov-10	600	3.5	293	WNW	42.9	20.5	5.8	0	0	0	0
21-Nov-10	700	3.9	321	NW	44.0	22.2	6.5	0	0	0	0
21-Nov-10	800	5.2	348	NNW	42.4	21.6	5.0	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											
21-Nov-10	900	5.7	353	N	43.1	23.7	7.6	0	0	0	0
21-Nov-10	1000	6.7	353	N	42.8	27.1	9.2	0	0	0	0
21-Nov-10	1100	9.5	343	NNW	43.6	24.2	8.3	0	0	0	0
21-Nov-10	1200	9.4	351	N	42.5	31.0	10.1	0	0	0	0
21-Nov-10	1300	8.9	355	N	42.2	33.7	10.1	0	0	0	0
21-Nov-10	1400	9.7	354	N	42.1	18.8	5.4	0	0	0	0
21-Nov-10	1500	11.3	3	N	43.0	8.4	4.2	0	0	0	0
21-Nov-10	1600	12.4	7	N	42.7	9.6	2.6	0	0	0	0
21-Nov-10	1700	12.0	5	N	41.8	16.9	6.4	0	0	0	0
21-Nov-10	1800	11.2	359	N	41.7	20.9	3.7	0	0	0	0
21-Nov-10	1900	10.8	353	N	41.7	20.1	7.9	0	0	0	0
21-Nov-10	2000	10.2	346	NNW	41.6	29.6	6.5	0	0	0	0
21-Nov-10	2100	9.4	347	NNW	42.0	34.3	9.8	0	0	0	0
21-Nov-10	2200	13.1	339	NNW	41.8	35.5	11.2	0	0	0	0
21-Nov-10	2300	14.3	333	NNW	42.8	42.0	10.8	0	0	0	0
21-Nov-10	2400	15.9	329	NNW	44.0	34.4	12.3	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											
22-Nov-10	100	15.4	337	NNW	43.3	47.8	13.6	0	0	0	0
22-Nov-10	200	14.3	337	NNW	42.1	53.4	14.8	0	0	0	0
22-Nov-10	300	14.1	337	NNW	41.9	45.2	14.4	0	0	0	0
22-Nov-10	400	15.0	335	NNW	43.1	40.7	15.8	0	0	0	0
22-Nov-10	500	15.8	337	NNW	44.1	43.0	11.6	0	0	0	0
22-Nov-10	600	18.0	339	NNW	47.0	39.2	13.3	0	0	0	0
22-Nov-10	700	18.1	340	NNW	47.3	38.1	12.9	0	0	0	0
22-Nov-10	800	19.1	339	NNW	49.7	43.7	13.0	0	0	0	0