

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											
3-May-10	800	17.0	174	S	54.2	12.1	2.7	0	0	0	0
3-May-10	900	19.8	187	S	54.8	6.2	0.8	0	0	0	0
3-May-10	1000	24.2	195	SSW	58.3	3.4	0.5	0	0	0	0
3-May-10	1100	26.9	236	SW	58.0	3.5	1.3	0	0	0	0
3-May-10	1200	24.5	252	WSW	54.2	1.9	1.2	0	0	0	0
3-May-10	1300	20.6	241	WSW	54.7	3.3	0.7	0	0	0	0
3-May-10	1400	34.3	267	W	60.2	8.3	1.4	0.1	0	0	0
3-May-10	1500	23.3	242	WSW	55.5	6.2	3.9	0	0	0	0
3-May-10	1600	21.2	247	WSW	52.4	9.9	1.4	0	0	0	0
3-May-10	1700	27.3	314	NW	57.1	10.3	1.6	0	0	0	0
3-May-10	1800	40.7	331	NNW	67.8	15.9	3.3	0	0	0	0
3-May-10	1900	35.5	322	NW	63.1	9.5	2.1	0	0	0	0
3-May-10	2000	42.2	322	NW	67.3	12.7	4.3	0	0	0	0
3-May-10	2100	45.9	321	NW	68.5	15.7	4.6	0	0	0	0
3-May-10	2200	45.3	319	NW	68.0	8.5	3.6	0	0	0	0
3-May-10	2300	43.3	316	NW	66.8	14.4	0.9	0	0	0	0

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1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
3-May-10	2400	44.0	317	NW	67.7	18.7	3.6	0	0	0	0
4-May-10	100	58.2	321	NW	74.8	6.8	3.2	0	0	0	0
4-May-10	200	50.7	319	NW	72.2	4.6	1.2	0	0	0	0
4-May-10	300	59.5	320	NW	76.8	11.1	1.5	0.7	0	0	0
4-May-10	400	61.7	321	NW	78.5	6.5	1.3	37.2	0	0	0
4-May-10	500	59.2	317	NW	77.7	21.9	2.2	16.6	0	0	0
4-May-10	600	53.4	313	NW	75.4	13.2	2.3	0.9	0	0	0
4-May-10	700	55.4	316	NW	76.2	46.8	5.3	0	0	0	0
4-May-10	800	52.6	317	NW	72.4	58.8	5.1	0	0	0	0
4-May-10	900	49.5	316	NW	71.2	33.1	2.0	0	0	0	0
4-May-10	1000	53.9	319	NW	73.6	24.6	1.6	4.7	0	0	0
4-May-10	1100	53.1	320	NW	73.4	30.0	2.7	0	0	0	0
4-May-10	1200	45.8	322	NW	69.5	22.5	1.5	0	0	0	0
4-May-10	1300	39.0	325	NW	66.3	11.9	1.2	0	0	0	0
4-May-10	1400	37.4	325	NW	65.3	11.0	1.5	0	0	0	0
4-May-10	1500	32.1	329	NNW	62.2	7.2	1.3	0	0	0	0

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4-May-10	1600	22.2	341	NNW	56.1	2.4	1.1	0	0	0	0
4-May-10	1700	20.2	347	NNW	53.6	1.5	0.7	0	0	0	0
4-May-10	1800	18.0	355	N	51.8	1.4	1.0	0	0	0	0
4-May-10	1900	18.2	351	N	51.6	2.2	1.9	0	0	0	0
4-May-10	2000	19.8	349	N	52.2	1.6	1.0	0	0	0	0
4-May-10	2100	20.5	349	NNW	52.7	3.2	0.8	0	0	0	0
4-May-10	2200	15.4	352	N	46.3	4.0	1.3	0	0	0	0
4-May-10	2300	17.3	350	N	47.9	10.1	1.9	0	0	0	0
4-May-10	2400	18.5	353	N	49.1	4.7	1.7	0	0	0	0
5-May-10	100	19.2	354	N	49.3	7.3	3.6	0	0	0	0
5-May-10	200	16.1	347	NNW	45.6	5.7	2.9	0	0	0	0
5-May-10	300	20.1	331	NNW	49.0	11.0	1.1	0	0	0	0
5-May-10	400	22.2	328	NNW	51.4	8.5	0.4	0	0	0	0
5-May-10	500	24.8	326	NW	53.2	11.4	0.8	0	0	0	0
5-May-10	600	25.0	328	NNW	54.9	13.0	1.5	0	0	0	0
5-May-10	700	24.1	328	NNW	54.4	11.3	3.2	0	0	0	0

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Alarms											
PM2.5					1 Hour Average – 80 ug/m3						
TSP					1 Hour Average – 267 ug/m3						
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5-May-10	800	20.4	337	NNW	54.1	10.1	2.7	0	0	0	0
5-May-10	900	17.7	5	N	53.5	15.9	6.8	0	0	0	0
5-May-10	1000	20.1	6	N	55.0	13.6	5.8	0	0	0	0
5-May-10	1100	16.6	356	N	62.5	12.7	5.2	0	0	0	0
5-May-10	1200	17.2	356	N	54.0	15.2	7.4	0	0	0	0
5-May-10	1300	17.4	0	N	52.0	9.9	7.3	0	0	0	0
5-May-10	1400	16.0	360	N	51.9	16.7	4.5	0	0	0	0
5-May-10	1500	17.1	5	N	54.2	12.3	6.5	0	0	0	0
5-May-10	1600	18.0	7	N	53.1	16.0	4.3	0	0	0	0
5-May-10	1700	18.3	19	NNE	51.4	15.9	4.6	0	0	0	0
5-May-10	1800	16.7	26	NNE	49.7	15.5	4.4	0	0	0	0
5-May-10	1900	14.3	33	NNE	48.5	24.4	11.6	0	0	0	0
5-May-10	2000	13.4	39	NE	47.4	17.4	10.1	0	0	0	0
5-May-10	2100	10.5	34	NE	45.9	17.0	5.0	0	0	0	0
5-May-10	2200	7.6	14	NNE	45.5	23.9	6.9	0	0	0	0
5-May-10	2300	6.4	357	N	44.0	30.8	14.9	0	0	0	0

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Alarms											
PM2.5					1 Hour Average – 80 ug/m3						
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5-May-10	2400	7.4	349	NNW	41.7	24.4	9.7	0	0	0	0
6-May-10	100	9.8	344	NNW	41.2	22.3	7.6	0	0	0	0
6-May-10	200	11.9	326	NW	43.1	13.3	2.8	0	0	0	0
6-May-10	300	12.0	323	NW	43.5	18.9	1.7	0	0	0	0
6-May-10	400	11.8	317	NW	45.1	20.3	3.7	0	0	0	0
6-May-10	500	11.9	321	NW	44.4	16.6	4.5	0	0	0	0
6-May-10	600	10.2	319	NW	48.4	19.5	7.5	0	0	0	0
6-May-10	700	12.0	319	NW	51.1	17.8	8.9	0	0	0	0
6-May-10	800	13.4	332	NNW	53.2	16.5	9.3	0	0	0	0
6-May-10	900	14.1	339	NNW	52.6	17.6	3.3	0	0	0	0
6-May-10	1000	13.4	352	N	51.7	14.2	2.8	0	0	0	0
6-May-10	1100	13.0	354	N	52.2	14.5	6.3	0	0	0	0
6-May-10	1200	13.3	5	N	52.7	11.9	8.2	0	0	0	0
6-May-10	1300	15.2	358	N	52.6	12.5	7.8	0	0	0	0
6-May-10	1400	16.5	7	N	52.9	14.7	9.7	0	0	0	0
6-May-10	1500	15.5	10	N	53.7	21.8	9.4	0	0	0	0

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Alarms											
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6-May-10	1600	17.2	13	NNE	51.4	17.0	5.8	0	0	0	0
6-May-10	1700	16.7	14	NNE	50.7	19.7	8.5	0	0	0	0
6-May-10	1800	17.1	15	NNE	50.3	18.6	6.6	0	0	0	0
6-May-10	1900	15.6	21	NNE	50.1	19.0	6.6	0	0	0	0
6-May-10	2000	12.6	25	NNE	48.8	17.2	5.7	0	0	0	0
6-May-10	2100	10.2	30	NNE	46.9	18.2	7.0	0	0	0	0
6-May-10	2200	5.4	25	NNE	45.3	20.6	10.1	0	0	0	0
6-May-10	2300	5.4	281	W	43.2	22.7	7.6	0	0	0	0
6-May-10	2400	5.9	254	WSW	42.6	27.8	10.8	0	0	0	0
7-May-10	100	5.9	268	W	42.7	28.1	8.1	0	0	0	0
7-May-10	200	7.1	272	W	42.2	33.3	11.3	0	0	0	0
7-May-10	300	5.8	266	W	42.4	40.9	10.2	0	0	0	0
7-May-10	400	7.3	270	W	42.2	43.3	13.5	0	0	0	0
7-May-10	500	7.3	262	W	44.9	44.0	14.5	0	0	0	0
7-May-10	600	6.0	281	W	49.5	45.6	14.6	0	0	0	0
7-May-10	700	6.5	312	NW	52.3	28.6	11.2	0	0	0	0

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7-May-10	800	6.2	340	NNW	53.2	19.1	12.0	0	0	0	0
7-May-10	900	5.1	344	NNW	51.5	23.4	6.1	0	0	0	0
7-May-10	1000	5.3	3	N	52.1	23.9	3.9	0.1	0	0	0
7-May-10	1100	7.7	36	NE	51.7	18.0	9.5	0	0	0	0
7-May-10	1200	8.6	64	ENE	53.0	23.1	5.9	0	0	0	0
7-May-10	1300	5.6	112	ESE	52.7	22.5	11.6	0	0	0	0
7-May-10	1400	5.5	21	NNE	51.3	23.4	4.1	0	0	0	0
7-May-10	1500	7.7	152	SSE	51.1	21.9	8.0	0	0	0	0
7-May-10	1600	10.8	94	E	49.6	25.8	12.2	0	0	0	0
7-May-10	1700	13.4	81	E	49.0	25.0	15.1	0	0	0	0
7-May-10	1800	12.3	103	ESE	49.3	40.7	17.2	0	0	0	0
7-May-10	1900	13.2	125	SE	48.3	41.3	15.8	0	0	0	0
7-May-10	2000	13.4	137	SE	48.1	29.9	12.5	0	0	0	0
7-May-10	2100	11.7	131	SE	48.3	40.2	13.0	0	0	0	0
7-May-10	2200	11.0	148	SSE	48.4	47.7	14.6	0	0	0	0
7-May-10	2300	10.8	154	SSE	46.6	47.8	23.0	0	0	0	0

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8-May-10	200	11.1	152	SSE	46.4	44.0	20.3	0	0	0	0
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8-May-10	500	9.1	181	S	46.7	40.2	12.5	0	0	0	0
8-May-10	600	9.5	180	S	50.6	39.8	19.5	0	1	0	0
8-May-10	700	9.3	188	S	51.0	40.1	13.2	0	0	0	0
8-May-10	800	14.4	171	S	51.1	42.8	10.8	0	0	0	0
8-May-10	900	15.7	160	SSE	51.2	35.0	17.3	0	0	0	0
8-May-10	1000	17.9	147	SSE	52.5	41.3	17.3	0	0	0	0
8-May-10	1100	21.3	144	SE	55.0	41.6	15.0	0	0	0	0
8-May-10	1200	22.4	142	SE	55.7	30.2	13.6	0	0	0	0
8-May-10	1300	20.8	137	SE	55.5	23.8	9.3	0	0	0	0
8-May-10	1400	23.8	138	SE	56.5	25.4	8.1	0	0	0	0
8-May-10	1500	25.3	142	SE	57.3	25.6	10.5	0	0	0	0

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8-May-10	1600	25.1	150	SSE	57.5	23.9	9.1	0	0	0	0
8-May-10	1700	26.2	151	SSE	58.6	20.4	10.1	0	0	0	0
8-May-10	1800	21.7	155	SSE	53.8	17.5	9.7	0	0	0	0
8-May-10	1900	20.3	151	SSE	52.3	16.2	8.1	0	0	0	0
8-May-10	2000	19.6	167	SSE	51.6	15.8	6.0	0	0	0	0
8-May-10	2100	17.9	170	S	49.4	13.4	2.1	0	0	0	0
8-May-10	2200	16.8	165	SSE	48.8	5.8	1.3	0	0	0	0
8-May-10	2300	18.2	155	SSE	49.5	10.1	4.4	0	0	0	0
8-May-10	2400	17.2	155	SSE	47.8	11.7	2.7	0	0	0	0
9-May-10	100	15.5	156	SSE	46.0	20.9	8.9	0	0	0	0
9-May-10	200	13.6	152	SSE	44.7	2.8	1.4	0	0	0	0
9-May-10	300	11.4	163	SSE	44.2	5.6	1.2	0	0	0	0
9-May-10	400	10.1	203	SSW	43.5	16.8	7.8	0	0	0	0
9-May-10	500	7.9	216	SW	45.1	18.4	2.2	0	0	0	0
9-May-10	600	5.7	243	WSW	46.4	8.5	5.6	0	0	0	0
9-May-10	700	4.5	270	W	44.9	6.6	3.6	0.1	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											
9-May-10	800	4.2	346	NNW	44.1	5.2	2.4	0	0	0	0
9-May-10	900	6.5	3	N	44.9	6.4	3.5	0	0	0	0
9-May-10	1000	7.9	3	N	45.6	3.3	2.2	0	0	0	0
9-May-10	1100	11.0	34	NE	46.0	4.2	2.5	0	0	0	0
9-May-10	1200	10.6	41	NE	46.4	7.7	1.6	0	0	0	0
9-May-10	1300	14.5	74	ENE	47.5	9.9	4.3	0	0	0	0
9-May-10	1400	16.0	75	ENE	48.3	8.4	2.6	0	0	0	0
9-May-10	1500	12.2	93	E	46.9	8.0	3.4	0	0	0	0
9-May-10	1600	14.2	304	NW	46.4	9.3	2.3	0.5	0	0	0
9-May-10	1700	9.1	343	NNW	46.6	3.7	3.5	0.2	0	0	0
9-May-10	1800	5.7	53	NE	46.0	7.7	2.6	0	0	0	0
9-May-10	1900	4.5	112	ESE	46.6	4.4	3.0	0	0	0	0
9-May-10	2000	5.7	216	SW	46.2	6.0	2.6	0	0	0	0
9-May-10	2100	4.7	331	NNW	46.2	7.9	3.0	0	0	0	0
9-May-10	2200	5.3	10	N	45.0	5.6	3.2	0	0	0	0
9-May-10	2300	3.9	343	NNW	42.8	4.2	3.2	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											
9-May-10	2400	4.7	198	SSW	42.2	7.8	3.3	0	0	0	0
10-May-10	100	3.5	284	WNW	44.0	22.4	10.3	0	0	0	0
10-May-10	200	5.5	204	SSW	42.6	37.1	14.9	0	0	0	0
10-May-10	300	5.9	67	ENE	42.4	51.1	21.3	0	0	0	0
10-May-10	400	3.4	343	NNW	42.5	47.1	18.4	0	0	0	0
10-May-10	500	3.8	161	SSE	45.6	63.3	19.4	0	0	0	0
10-May-10	600	6.1	254	WSW	51.6	55.9	19.0	0	1	0	0
10-May-10	700	5.4	307	NW	55.4	49.5	13.2	0	0	0	0