

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											
12-Jul-10	800	8.4	283	WNW	56.2	19.5	5.9	0	0	0	0
12-Jul-10	900	13.6	292	WNW	56.8	24.7	13.5	0	0	0	0
12-Jul-10	1000	19.7	284	WNW	54.3	20.6	7.0	0.1	0	0	0
12-Jul-10	1100	19.7	314	NW	57.0	38.2	13.9	0	0	0	0
12-Jul-10	1200	19.8	360	N	56.1	36.2	2.4	0	0	0	0
12-Jul-10	1300	23.2	342	NNW	59.9	43.4	3.0	0	0	0	0
12-Jul-10	1400	18.7	336	NNW	56.3	23.3	10.9	0	0	0	0
12-Jul-10	1500	22.7	333	NNW	55.6	13.9	12.1	0.1	0	0	0
12-Jul-10	1600	40.6	323	NW	68.3	14.9	13.2	1.8	0	0	0
12-Jul-10	1700	51.1	326	NW	73.4	18.9	14.8	7.4	0	0	0
12-Jul-10	1800	42.9	329	NNW	69.1	26.6	20.5	1.7	0	0	0
12-Jul-10	1900	34.3	336	NNW	64.7	18.1	8.2	0.1	0	0	0
12-Jul-10	2000	29.6	331	NNW	59.7	15.7	6.8	0	0	0	0
12-Jul-10	2100	30.9	328	NNW	59.7	15.8	7.0	0.1	0	0	0
12-Jul-10	2200	28.6	321	NW	57.0	12.3	4.0	0	0	0	0
12-Jul-10	2300	23.2	301	WNW	51.8	8.9	3.1	0	0	0	0

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Alarms											
PM2.5						1 Hour Average – 80 ug/m3					
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12-Jul-10	2400	34.5	298	WNW	61.6	8.7	2.7	0.1	0	0	0
13-Jul-10	100	26.6	310	NW	59.1	12.4	3.2	0	0	0	0
13-Jul-10	200	11.4	263	W	44.6	7.8	2.8	0	0	0	0
13-Jul-10	300	10.7	235	SW	43.7	1.5	0.9	0	0	0	0
13-Jul-10	400	9.5	205	SSW	43.0	2.1	1.4	0.1	0	0	0
13-Jul-10	500	7.6	207	SSW	51.8	2.5	1.6	0	1	0	0
13-Jul-10	600	8.8	252	WSW	57.8	5.3	2.3	0.1	1	0	0
13-Jul-10	700	20.1	265	W	55.3	2.0	0.6	0	0	0	0
13-Jul-10	800	23.9	280	W	55.5	2.0	0.7	0	0	0	0
13-Jul-10	900	23.1	278	W	54.1	1.9	1.0	0.1	0	0	0
13-Jul-10	1000	26.4	287	WNW	56.0	1.5	0.5	0	0	0	0
13-Jul-10	1100	26.2	285	WNW	55.2	1.3	0.3	0.1	0	0	0
13-Jul-10	1200	23.1	284	WNW	54.0	2.2	0.5	0	0	0	0
13-Jul-10	1300	26.4	284	WNW	56.8	1.9	0.4	0	0	0	0
13-Jul-10	1400	29.7	275	W	59.1	1.4	0.5	0.1	0	0	0
13-Jul-10	1500	32.5	275	W	60.8	2.0	0.6	0.1	0	0	0

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13-Jul-10	1600	33.8	277	W	61.8	1.5	0.8	0.3	0	0	0
13-Jul-10	1700	32.7	288	WNW	59.6	1.1	0.9	0.3	0	0	0
13-Jul-10	1800	33.7	300	WNW	60.3	1.9	0.6	0.4	0	0	0
13-Jul-10	1900	32.9	303	WNW	60.0	1.8	1.0	0.4	0	0	0
13-Jul-10	2000	38.3	306	NW	64.2	6.4	3.1	0.5	0	0	0
13-Jul-10	2100	36.3	300	WNW	63.5	7.7	3.0	0.5	0	0	0
13-Jul-10	2200	27.8	289	WNW	55.5	4.1	1.7	0.4	0	0	0
13-Jul-10	2300	23.5	278	W	51.5	3.7	1.5	0.4	0	0	0
13-Jul-10	2400	19.8	286	WNW	49.0	9.0	3.7	0.4	0	0	0
14-Jul-10	100	21.5	298	WNW	50.2	19.8	8.0	0.5	0	0	0
14-Jul-10	200	23.7	295	WNW	51.2	17.7	7.7	0.5	0	0	0
14-Jul-10	300	24.1	295	WNW	51.3	15.3	6.5	0.5	0	0	0
14-Jul-10	400	21.3	291	WNW	47.6	14.5	6.0	0.5	0	0	0
14-Jul-10	500	22.4	298	WNW	51.1	13.2	7.1	0.5	0	0	0
14-Jul-10	600	26.3	303	WNW	53.3	18.2	8.9	0.5	0	0	0
14-Jul-10	700	31.6	309	NW	59.2	20.8	8.4	0.5	0	0	0

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14-Jul-10	800	25.6	299	WNW	54.1	20.6	9.2	0.5	0	0	0
14-Jul-10	900	26.7	306	NW	55.7	18.5	8.5	0.4	0	0	0
14-Jul-10	1000	35.1	314	NW	62.0	19.4	4.3	0.6	0	0	0
14-Jul-10	1100	30.3	311	NW	57.8	9.4	4.0	0.5	0	0	0
14-Jul-10	1200	26.3	308	NW	55.0	12.1	3.8	0.5	0	0	0
14-Jul-10	1300	19.5	313	NW	51.0	12.9	8.3	0.4	0	0	0
14-Jul-10	1400	14.2	323	NW	49.9	14.7	9.9	0.5	0	0	0
14-Jul-10	1500	12.6	305	NW	49.8	20.9	19.4	0.5	0	0	0
14-Jul-10	1600	13.0	306	NW	53.7	14.3	3.8	0.4	0	0	0
14-Jul-10	1700	7.4	338	NNW	51.7	10.3	0.7	0.4	0	0	0
14-Jul-10	1800	8.1	180	S	48.9	14.5	0.6	0.4	0	0	0
14-Jul-10	1900	10.4	142	SE	52.4	14.6	7.4	0.4	0	0	0
14-Jul-10	2000	12.1	105	ESE	49.8	18.1	1.0	0.3	0	0	0
14-Jul-10	2100	8.8	150	SSE	49.5	20.8	7.0	0.3	0	0	0
14-Jul-10	2200	10.4	189	S	47.3	18.4	0.9	0.2	0	0	0
14-Jul-10	2300	14.1	272	W	50.8	16.1	12.0	0.3	0	0	0

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14-Jul-10	2400	13.5	306	NW	49.3	15.5	13.9	0.2	0	0	0
15-Jul-10	100	6.7	308	NW	49.9	16.6	13.7	0.2	0	0	0
15-Jul-10	200	16.2	268	W	49.3	10.6	8.6	0.2	0	0	0
15-Jul-10	300	14.7	265	W	50.4	4.8	3.8	0.2	0	0	0
15-Jul-10	400	16.2	271	W	48.1	5.8	4.9	0.1	0	0	0
15-Jul-10	500	15.5	267	W	49.3	5.3	3.6	0.2	0	0	0
15-Jul-10	600	15.2	269	W	52.5	6.2	3.7	0.1	0	0	0
15-Jul-10	700	14.7	270	W	55.1	6.3	2.6	0.2	0	0	0
15-Jul-10	800	13.5	264	W	57.2	5.7	2.2	0.1	0	0	0
15-Jul-10	900	13.0	262	W	54.5	2.9	1.5	0.2	0	0	0
15-Jul-10	1000	10.2	256	WSW	55.3	7.8	2.0	0.1	0	0	0
15-Jul-10	1100	7.5	223	SW	53.1	9.5	6.3	0.1	0	0	0
15-Jul-10	1200	10.2	177	S	55.3	12.4	8.0	0.2	0	0	0
15-Jul-10	1300	12.5	173	S	55.6	9.9	2.5	0.1	0	0	0
15-Jul-10	1400	13.7	180	S	56.3	8.0	0.6	0.1	0	0	0
15-Jul-10	1500	9.9	180	S	53.4	9.5	0.6	0.2	0	0	0

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Alarms											
PM2.5					1 Hour Average – 80 ug/m3						
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15-Jul-10	1600	11.3	236	SW	50.6	4.7	0.4	0	0	0	0
15-Jul-10	1700	14.8	249	WSW	49.1	6.4	0.4	0.1	0	0	0
15-Jul-10	1800	13.5	273	W	52.6	4.9	0.4	0	0	0	0
15-Jul-10	1900	9.7	287	WNW	50.7	3.5	0.4	0.1	0	0	0
15-Jul-10	2000	16.8	286	WNW	50.0	5.6	3.5	0	0	0	0
15-Jul-10	2100	20.1	294	WNW	50.2	6.1	5.8	0	0	0	0
15-Jul-10	2200	13.1	317	NW	52.6	120.8	40.9	0	0	0	0
15-Jul-10	2300	8.9	320	NW	52.7	94.3	33.2	0	1	0	0
15-Jul-10	2400	7.3	350	N	50.9	53.1	17.2	0	1	0	0
16-Jul-10	100	9.7	10	N	48.8	17.3	3.1	0	0	0	0
16-Jul-10	200	6.7	8	N	49.2	31.6	4.0	0	0	0	0
16-Jul-10	300	7.7	207	SSW	45.6	15.7	4.7	0	0	0	0
16-Jul-10	400	5.3	193	SSW	48.7	13.2	9.7	0	0	0	0
16-Jul-10	500	6.2	93	E	49.8	31.8	10.3	0	0	0	0
16-Jul-10	600	12.9	146	SSE	53.8	22.5	6.3	0.1	0	0	0
16-Jul-10	700	11.2	137	SE	56.2	46.5	28.6	0	0	0	0

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16-Jul-10	800	9.8	105	ESE	54.7	50.3	13.4	0	0	0	0
16-Jul-10	900	8.8	23	NNE	54.7	58.2	4.3	0	0	0	0
16-Jul-10	1000	11.7	352	N	53.3	58.6	7.5	0	0	0	0
16-Jul-10	1100	14.9	341	NNW	54.2	81.0	30.1	0	0	0	0
16-Jul-10	1200	20.3	335	NNW	55.2	109.0	37.5	0	0	0	0
16-Jul-10	1300	20.2	346	NNW	55.6	91.9	32.2	0	0	0	0
16-Jul-10	1400	16.5	7	N	56.9	62.9	13.4	0	0	0	0
16-Jul-10	1500	18.3	16	NNE	54.8	35.3	11.9	0	0	0	0
16-Jul-10	1600	21.2	349	N	57.0	70.1	8.2	0	0	0	0
16-Jul-10	1700	15.2	2	N	51.1	25.3	16.7	0	0	0	0
16-Jul-10	1800	10.1	352	N	50.2	17.3	8.1	0	0	0	0
16-Jul-10	1900	7.9	6	N	49.4	13.8	3.1	0	0	0	0
16-Jul-10	2000	6.8	54	NE	47.0	15.5	5.5	0	0	0	0
16-Jul-10	2100	9.7	31	NNE	46.3	17.0	10.7	0	0	0	0
16-Jul-10	2200	16.5	354	N	57.5	21.6	5.4	0.2	0	0	0
16-Jul-10	2300	19.4	340	NNW	51.3	11.0	10.7	1	0	0	0

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17-Jul-10	1400	10.2	38	NE	51.0	18.1	9.5	0	0	0	0
17-Jul-10	1500	12.3	44	NE	48.6	11.0	8.3	0	0	0	0

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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											
17-Jul-10	1600	12.7	61	ENE	47.5	8.5	0.8	0	0	0	0
17-Jul-10	1700	14.6	88	E	48.4	12.1	2.9	0	0	0	0
17-Jul-10	1800	15.6	85	E	48.3	7.6	6.6	0	0	0	0
17-Jul-10	1900	14.7	85	E	46.5	6.9	3.9	0	0	0	0
17-Jul-10	2000	10.7	74	ENE	45.5	5.7	1.4	0	0	0	0
17-Jul-10	2100	9.4	79	E	47.0	6.8	1.3	0	0	0	0
17-Jul-10	2200	10.8	94	E	47.4	8.6	5.4	0	0	0	0
17-Jul-10	2300	9.4	108	ESE	46.2	7.1	2.2	0	0	0	0
17-Jul-10	2400	8.8	138	SE	46.4	10.3	7.6	0	0	0	0
18-Jul-10	100	10.3	157	SSE	45.0	17.6	4.8	0	0	0	0
18-Jul-10	200	6.4	174	S	44.3	24.1	10.3	0	0	0	0
18-Jul-10	300	5.1	173	S	44.1	19.2	7.3	0	0	0	0
18-Jul-10	400	6.5	168	SSE	45.4	16.9	7.0	0	0	0	0
18-Jul-10	500	12.1	159	SSE	46.2	5.2	3.2	0	0	0	0
18-Jul-10	600	13.6	162	SSE	49.8	12.7	3.1	0	0	0	0
18-Jul-10	700	16.6	153	SSE	51.2	10.5	4.3	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											
18-Jul-10	800	16.5	163	SSE	51.1	12.9	5.7	0	0	0	0
18-Jul-10	900	13.1	168	SSE	52.4	14.8	2.8	0	0	0	0
18-Jul-10	1000	15.4	157	SSE	52.2	13.5	11.8	0	0	0	0
18-Jul-10	1100	18.6	152	SSE	52.9	15.0	2.2	0	0	0	0
18-Jul-10	1200	17.3	152	SSE	50.9	8.6	4.2	0	0	0	0
18-Jul-10	1300	18.1	154	SSE	51.4	7.4	3.0	0	0	0	0
18-Jul-10	1400	18.8	149	SSE	51.7	8.3	4.8	0	0	0	0
18-Jul-10	1500	21.0	155	SSE	53.2	12.5	5.7	0	0	0	0
18-Jul-10	1600	14.4	171	S	51.3	11.5	3.4	0	0	0	0
18-Jul-10	1700	20.2	158	SSE	53.0	10.7	2.4	0	0	0	0
18-Jul-10	1800	21.2	173	S	53.3	12.7	5.0	0	0	0	0
18-Jul-10	1900	16.7	173	S	49.0	15.0	12.8	0	0	0	0
18-Jul-10	2000	15.2	190	S	50.5	11.7	11.5	0	0	0	0
18-Jul-10	2100	9.9	193	SSW	46.9	9.3	9.2	0	0	0	0
18-Jul-10	2200	11.3	247	WSW	49.6	9.3	9.0	0	0	0	0
18-Jul-10	2300	24.2	317	NW	57.1	24.6	14.3	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											
18-Jul-10	2400	18.1	345	NNW	49.8	12.9	4.4	0	0	0	0
19-Jul-10	100	15.5	351	N	47.2	10.7	4.2	0	0	0	0
19-Jul-10	200	19.3	336	NNW	49.4	19.0	6.0	0	0	0	0
19-Jul-10	300	20.7	334	NNW	50.8	12.7	10.6	0	0	0	0
19-Jul-10	400	21.0	314	NW	48.8	7.5	4.6	0	0	0	0
19-Jul-10	500	13.1	267	W	46.7	4.0	3.0	0	0	0	0
19-Jul-10	600	12.3	312	NW	51.4	9.0	6.5	0	0	0	0
19-Jul-10	700	16.2	319	NW	53.2	14.1	7.4	0	0	0	0