

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 (Sun & holidays) Evenings (10:01pm-9:00am) – 50 dba											
1 Hour Average – Weekends (Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
13-Jul-09	800	27.3	5	N	59.0	87.6	1.5	0.6	0	0	0
13-Jul-09	900	36.7	1	N	62.9	39.6	0.9	4.3	0	0	0
13-Jul-09	1000	27.3	350	N	56.6	29.6	1.2	0.3	0	0	0
13-Jul-09	1100	25.0	259	W	56.6	19.6	6.6	2.7	0	0	0
13-Jul-09	1200	21.3	259	W	53.3	13.2	6.2	3.4	0	0	0
13-Jul-09	1300	17.9	273	W	55.4	16.6	2.7	2.3	0	0	0
13-Jul-09	1400	10.0	274	W	54.8	51.8	9.8	5.1	0	0	0
13-Jul-09	1500	14.7	302	WNW	54.2	37.1	10.4	5.2	0	0	0
13-Jul-09	1600	20.6	326	NW	52.3	25.1	10.4	0.5	0	0	0
13-Jul-09	1700	19.7	339	NNW	49.4	30.9	10.2	0	0	0	0
13-Jul-09	1800	22.2	353	N	52.9	22.6	3.6	0	0	0	0
13-Jul-09	1900	34.1	333	NNW	60.0	5.5	2.1	0	0	0	0
13-Jul-09	2000	27.7	341	NNW	56.4	12.4	7.7	0	0	0	0
13-Jul-09	2100	26.2	337	NNW	54.7	14.7	2.7	0	0	0	0
13-Jul-09	2200	24.9	329	NNW	51.7	14.9	6.4	0	0	0	0
13-Jul-09	2300	22.5	347	NNW	50.0	27.5	4.4	0	0	0	0

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Alarms											
PM2.5						1 Hour Average – 80 ug/m3					
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1 Hour Average – Weekends (Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
13-Jul-09	2400	26.3	343	NNW	52.4	5.8	1.7	0	0	0	0
14-Jul-09	100	21.3	350	N	49.7	12.8	2.5	0	0	0	0
14-Jul-09	200	24.0	343	NNW	51.2	10.4	0.5	0	0	0	0
14-Jul-09	300	24.3	332	NNW	51.6	3.6	1.7	0	0	0	0
14-Jul-09	400	21.0	324	NW	45.2	17.5	5.5	0	0	0	0
14-Jul-09	500	24.6	335	NNW	52.5	4.9	2.1	0	0	0	0
14-Jul-09	600	16.9	355	N	51.6	9.4	1.4	0.1	0	0	0
14-Jul-09	700	22.8	3	N	54.8	5.3	1.0	0.2	0	0	0
14-Jul-09	800	29.8	347	NNW	58.3	3.2	0.1	0	0	0	0
14-Jul-09	900	35.1	356	N	62.4	2.1	0.2	0	0	0	0
14-Jul-09	1000	26.6	356	N	60.9	1.9	0.7	0	0	0	0
14-Jul-09	1100	21.3	348	NNW	55.2	2.3	0.7	0.5	0	0	0
14-Jul-09	1200	17.8	339	NNW	50.1	4.0	1.3	0.1	0	0	0
14-Jul-09	1300	14.9	335	NNW	47.7	2.8	1.1	0	0	0	0
14-Jul-09	1400	16.0	4	N	52.7	7.5	3.4	0	0	0	0
14-Jul-09	1500	12.9	353	N	45.9	11.3	3.7	0	0	0	0

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14-Jul-09	1600	12.3	350	N	51.7	7.5	0.7	0	0	0	0
14-Jul-09	1700	7.6	303	WNW	45.8	4.9	2.4	0	0	0	0
14-Jul-09	1800	6.8	262	W	55.8	10.0	3.5	0	0	0	0
14-Jul-09	1900	8.3	251	WSW	51.5	9.6	2.2	0	0	0	0
14-Jul-09	2000	7.1	240	WSW	40.5	8.5	1.0	0	0	0	0
14-Jul-09	2100	5.8	246	WSW	40.7	6.6	2.2	0	0	0	0
14-Jul-09	2200	5.8	239	WSW	43.9	8.7	0.7	0	0	0	0
14-Jul-09	2300	6.0	244	WSW	38.6	7.5	2.1	0	0	0	0
14-Jul-09	2400	5.8	230	SW	38.4	4.5	1.5	0	0	0	0
15-Jul-09	100	5.0	251	WSW	38.1	6.4	1.3	0	0	0	0
15-Jul-09	200	3.4	66	ENE	40.5	17.1	1.0	0	0	0	0
15-Jul-09	300	3.4	75	ENE	45.3	36.2	2.7	0	0	0	0
15-Jul-09	400	4.3	141	SE	39.2	14.5	2.8	0	0	0	0
15-Jul-09	500	4.9	203	SSW	43.9	9.8	1.3	0	0	0	0
15-Jul-09	600	8.1	200	SSW	51.8	15.6	1.8	0	1	0	0
15-Jul-09	700	10.3	224	SW	49.0	9.0	0.4	0	0	0	0

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Alarms											
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15-Jul-09	800	14.1	208	SSW	47.7	8.5	0.5	0	0	0	0
15-Jul-09	900	15.4	197	SSW	47.7	5.8	1.7	0	0	0	0
15-Jul-09	1000	10.6	197	SSW	63.8	9.6	0.4	0	0	0	0
15-Jul-09	1100	11.6	157	SSE	66.8	16.6	2.2	0	0	0	0
15-Jul-09	1200	6.6	176	S	49.5	7.7	1.2	0	0	0	0
15-Jul-09	1300	6.9	34	NE	49.0	9.6	1.9	0	0	0	0
15-Jul-09	1400	14.6	34	NE	53.2	19.2	0.7	0	0	0	0
15-Jul-09	1500	13.1	95	E	56.4	21.7	4.4	0	0	0	0
15-Jul-09	1600	13.8	88	E	48.4	23.4	6.4	0	0	0	0
15-Jul-09	1700	12.5	99	E	55.0	9.6	6.2	0	0	0	0
15-Jul-09	1800	10.5	122	ESE	49.6	12.8	0.8	0	0	0	0
15-Jul-09	1900	12.1	146	SSE	52.5	9.2	0.3	0	0	0	0
15-Jul-09	2000	13.1	151	SSE	51.6	11.3	0.1	0	0	0	0
15-Jul-09	2100	12.1	162	SSE	46.6	11.9	3.2	0	0	0	0
15-Jul-09	2200	11.6	167	SSE	43.3	14.7	4.0	0	0	0	0
15-Jul-09	2300	17.1	175	S	45.4	13.4	4.0	0	0	0	0

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Alarms											
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15-Jul-09	2400	20.6	177	S	50.7	10.9	2.3	0	0	0	0
16-Jul-09	100	16.9	190	S	44.5	6.6	2.1	0	0	0	0
16-Jul-09	200	12.9	205	SSW	40.5	12.1	4.3	0	0	0	0
16-Jul-09	300	10.1	216	SW	39.7	13.4	4.1	0	0	0	0
16-Jul-09	400	9.9	256	WSW	48.2	20.2	2.4	0	0	0	0
16-Jul-09	500	14.7	264	W	52.1	26.4	4.3	0	0	0	0
16-Jul-09	600	14.6	256	WSW	57.1	20.9	5.4	0	0	0	0
16-Jul-09	700	12.1	254	WSW	49.6	25.6	0.8	0	0	0	0
16-Jul-09	800	13.4	267	W	46.6	27.5	2.1	0	0	0	0
16-Jul-09	900	10.4	265	W	47.2	37.3	3.5	0	0	0	0
16-Jul-09	1000	9.8	252	WSW	51.0	33.5	2.8	0	0	0	0
16-Jul-09	1100	11.6	269	W	55.1	29.4	8.8	0	0	0	0
16-Jul-09	1200	7.5	220	SW	46.8	32.6	11.6	0	0	0	0
16-Jul-09	1300	9.4	235	SW	51.4	22.6	5.5	0	0	0	0
16-Jul-09	1400	15.4	17	NNE	54.9	34.7	0.2	0	0	0	0
16-Jul-09	1500	10.1	75	ENE	51.2	69.6	0.5	0	0	0	0

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16-Jul-09	1600	12.0	176	S	51.7	29.2	0.4	0	0	0	0
16-Jul-09	1700	13.8	166	SSE	48.7	45.1	0.2	0	0	0	0
16-Jul-09	1800	13.1	63	ENE	47.8	16.2	0.5	0	0	0	0
16-Jul-09	1900	17.5	98	E	49.9	37.9	0.3	0	0	0	0
16-Jul-09	2000	10.1	75	ENE	47.5	36.2	2.9	0	0	0	0
16-Jul-09	2100	8.6	39	NE	50.1	32.6	11.3	0	0	0	0
16-Jul-09	2200	7.0	66	ENE	48.4	42.6	19.2	0	0	0	0
16-Jul-09	2300	6.8	19	NNE	49.2	37.3	20.1	0	0	0	0
16-Jul-09	2400	12.1	356	N	48.9	44.9	20.8	0	0	0	0
17-Jul-09	100	13.6	338	NNW	49.9	29.6	19.9	0	0	0	0
17-Jul-09	200	14.3	343	NNW	47.1	20.7	16.5	0	0	0	0
17-Jul-09	300	10.4	340	NNW	49.1	69.2	70.8	0	0	0	0
17-Jul-09	400	8.6	289	WNW	50.3	29.6	21.5	0	1	0	0
17-Jul-09	500	9.4	266	W	53.8	17.3	9.4	0	1	0	0
17-Jul-09	600	6.3	279	W	51.0	17.9	8.5	0	1	0	0
17-Jul-09	700	6.6	236	SW	51.4	17.9	6.7	0	0	0	0

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17-Jul-09	800	7.1	216	SW	55.6	17.7	6.2	0	0	0	0
17-Jul-09	900	15.4	160	SSE	54.4	41.3	8.2	0	0	0	0
17-Jul-09	1000	17.5	158	SSE	51.0	43.5	6.0	0	0	0	0
17-Jul-09	1100	16.1	162	SSE	53.6	33.7	5.6	0	0	0	0
17-Jul-09	1200	17.0	160	SSE	49.8	30.7	17.8	0	0	0	0
17-Jul-09	1300	21.5	142	SE	56.5	26.6	9.4	0	0	0	0
17-Jul-09	1400	23.1	151	SSE	52.7	51.8	10.7	0	0	0	0
17-Jul-09	1500	19.6	140	SE	54.1	24.3	3.1	0	0	0	0
17-Jul-09	1600	21.9	150	SSE	53.9	23.9	0.2	0	0	0	0
17-Jul-09	1700	26.2	152	SSE	56.9	17.3	0.6	0	0	0	0
17-Jul-09	1800	22.8	170	S	53.0	20.9	0.2	0	0	0	0
17-Jul-09	1900	22.8	161	SSE	56.8	16.6	0.4	0	0	0	0
17-Jul-09	2000	19.8	172	S	48.6	39.0	1.5	0	0	0	0
17-Jul-09	2100	22.5	176	S	53.7	37.9	9.7	0	0	0	0
17-Jul-09	2200	25.1	170	S	55.1	40.5	17.9	0	0	0	0
17-Jul-09	2300	18.9	177	S	49.3	45.2	22.4	0	0	0	0

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18-Jul-09	100	17.8	186	S	48.9	56.5	13.9	0	0	0	0
18-Jul-09	200	13.4	200	SSW	44.2	49.0	14.8	0	0	0	0
18-Jul-09	300	11.7	213	SSW	48.8	45.4	17.0	0	0	0	0
18-Jul-09	400	10.1	229	SW	46.2	37.7	9.8	0	0	0	0
18-Jul-09	500	7.3	244	WSW	45.7	31.3	16.7	0	0	0	0
18-Jul-09	600	12.7	271	W	49.2	23.7	17.7	0	0	0	0
18-Jul-09	700	11.6	269	W	47.0	15.1	13.5	0	0	0	0
18-Jul-09	800	10.1	261	W	57.1	17.9	10.8	0	0	0	0
18-Jul-09	900	8.3	235	SW	57.6	21.3	4.4	0	0	0	0
18-Jul-09	1000	10.6	239	WSW	48.0	19.0	1.4	0	0	0	0
18-Jul-09	1100	10.0	235	SW	54.4	29.6	5.1	0	0	0	0
18-Jul-09	1200	9.8	222	SW	45.1	22.4	13.2	0	0	0	0
18-Jul-09	1300	8.8	182	S	43.8	39.0	16.6	0	0	0	0
18-Jul-09	1400	16.1	170	S	51.6	24.9	16.0	0	0	0	0
18-Jul-09	1500	12.9	174	S	42.5	24.5	8.3	0	0	0	0

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18-Jul-09	1600	15.7	162	SSE	43.8	20.5	0.3	0	0	0	0
18-Jul-09	1700	17.0	158	SSE	49.5	25.1	0.6	0	0	0	0
18-Jul-09	1800	18.3	163	SSE	47.0	20.4	0.5	0	0	0	0
18-Jul-09	1900	11.7	190	S	41.6	17.3	0.3	0	0	0	0
18-Jul-09	2000	10.8	221	SW	39.8	19.6	1.0	0	0	0	0
18-Jul-09	2100	12.3	245	WSW	42.8	20.4	2.9	0	0	0	0
18-Jul-09	2200	19.2	334	NNW	45.3	8.3	5.5	0	0	0	0
18-Jul-09	2300	21.9	324	NW	47.9	6.4	6.6	0	0	0	0
18-Jul-09	2400	19.4	327	NNW	45.9	8.1	5.6	0	0	0	0
19-Jul-09	100	16.8	341	NNW	42.2	13.6	7.3	0	0	0	0
19-Jul-09	200	16.8	9	N	41.4	14.3	11.0	0	0	0	0
19-Jul-09	300	24.3	6	N	53.5	12.8	11.9	0	0	0	0
19-Jul-09	400	36.1	13	NNE	62.6	7.9	7.9	2.4	0	0	0
19-Jul-09	500	20.0	1	N	46.1	5.1	4.5	0	0	0	0
19-Jul-09	600	12.2	335	NNW	44.9	9.6	4.3	0	0	0	0
19-Jul-09	700	16.2	337	NNW	45.8	3.8	1.8	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 (Sun & holidays) Evenings (10:01pm-9:00am) – 50 dba											
1 Hour Average – Weekends (Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
19-Jul-09	800	13.1	359	N	46.4	23.7	2.3	0	0	0	0
19-Jul-09	900	10.1	7	N	46.6	19.2	3.5	0	0	0	0
19-Jul-09	1000	4.9	40	NE	48.4	16.2	5.2	0	0	0	0
19-Jul-09	1100	12.6	108	ESE	59.9	20.0	13.3	0	0	0	0
19-Jul-09	1200	11.7	122	ESE	53.6	20.5	4.0	0	0	0	0
19-Jul-09	1300	17.7	135	SE	49.8	16.2	3.0	0	0	0	0
19-Jul-09	1400	22.4	151	SSE	54.1	11.9	1.3	0	0	0	0
19-Jul-09	1500	14.5	32	NNE	55.0	10.7	1.2	0	0	0	0
19-Jul-09	1600	15.3	46	NE	44.7	9.0	3.5	0	0	0	0
19-Jul-09	1700	16.5	28	NNE	47.3	7.5	1.7	0	0	0	0
19-Jul-09	1800	21.6	8	N	54.9	215.6	46.4	0	0	0	0
19-Jul-09	1900	24.2	18	NNE	62.1	11.1	0.6	0	0	0	0
19-Jul-09	2000	17.2	14	NNE	50.8	133.6	33.1	0	0	0	0
19-Jul-09	2100	13.4	359	N	43.2	10.2	4.0	0	0	0	0
19-Jul-09	2200	11.5	359	N	40.4	8.3	4.1	0	0	0	0
19-Jul-09	2300	7.4	293	WNW	38.8	13.0	3.5	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 (Sun & holidays) Evenings (10:01pm-9:00am) – 50 dba											
1 Hour Average – Weekends (Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
19-Jul-09	2400	8.9	259	W	39.6	12.8	3.9	0	0	0	0
20-Jul-09	100	14.8	323	NW	38.7	22.2	2.5	0	0	0	0
20-Jul-09	200	14.9	338	NNW	39.0	53.7	9.9	0	0	0	0
20-Jul-09	300	14.0	326	NW	40.0	2.8	2.4	0	0	0	0
20-Jul-09	400	11.7	298	WNW	39.8	8.5	6.8	0	0	0	0
20-Jul-09	500	12.7	276	W	43.3	3.4	1.0	0	0	0	0
20-Jul-09	600	12.3	273	W	58.8	6.8	1.0	0	0	0	0
20-Jul-09	700	12.8	301	WNW	58.1	2.1	0.7	0	0	0	0