

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											
10-May-10	800	4.7	256	WSW	55.1	44.9	11.2	0	0	0	0
10-May-10	900	8.6	137	SE	55.1	55.0	18.5	0	0	0	0
10-May-10	1000	11.0	139	SE	53.6	65.1	22.8	0.1	0	0	0
10-May-10	1100	11.4	152	SSE	53.8	60.6	23.4	0	0	0	0
10-May-10	1200	10.7	127	SE	53.5	53.4	20.7	0	0	0	0
10-May-10	1300	13.0	98	E	53.5	45.2	18.5	0	0	0	0
10-May-10	1400	9.5	59	ENE	54.0	26.7	12.1	0	0	0	0
10-May-10	1500	10.4	350	N	51.7	33.8	8.1	0	0	0	0
10-May-10	1600	9.4	90	E	51.6	25.0	8.7	0	0	0	0
10-May-10	1700	6.3	106	ESE	49.7	23.7	9.9	0	0	0	0
10-May-10	1800	8.9	179	S	48.2	25.9	3.0	0	0	0	0
10-May-10	1900	9.8	126	SE	48.2	21.0	8.3	0	0	0	0
10-May-10	2000	6.3	163	SSE	47.4	25.5	8.8	0	0	0	0
10-May-10	2100	2.7	161	SSE	45.3	23.9	9.6	0	0	0	0
10-May-10	2200	3.6	199	SSW	45.3	27.6	8.6	0	0	0	0
10-May-10	2300	6.9	228	SW	44.5	22.1	8.6	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 (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
10-May-10	2400	7.0	249	WSW	44.9	20.2	5.7	0	0	0	0
11-May-10	100	5.6	222	SW	42.7	18.2	8.9	0	0	0	0
11-May-10	200	5.9	252	WSW	42.0	22.8	10.6	0	0	0	0
11-May-10	300	5.7	253	WSW	43.1	16.0	5.3	0	0	0	0
11-May-10	400	6.5	254	WSW	43.4	13.3	5.7	0	0	0	0
11-May-10	500	8.9	269	W	46.9	17.4	7.2	0	0	0	0
11-May-10	600	8.0	269	W	53.2	18.5	6.4	0	1	0	0
11-May-10	700	5.8	290	WNW	54.8	13.8	8.0	0	0	0	0
11-May-10	800	4.2	285	WNW	54.4	18.8	2.8	0	0	0	0
11-May-10	900	8.7	143	SE	55.3	22.1	8.0	0	0	0	0
11-May-10	1000	9.9	183	S	54.9	15.4	7.5	0	0	0	0
11-May-10	1100	9.4	146	SSE	54.8	27.5	12.2	0	0	0	0
11-May-10	1200	10.2	114	ESE	54.1	29.8	13.4	0	0	0	0
11-May-10	1300	9.1	98	E	54.0	37.4	7.6	0	0	0	0
11-May-10	1400	16.4	82	E	54.1	47.2	12.8	0	0	0	0
11-May-10	1500	18.4	86	E	54.9	46.6	10.5	0	0	0	0

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1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
11-May-10	1600	12.0	88	E	51.3	37.6	8.6	0	0	0	0
11-May-10	1700	11.4	150	SSE	49.7	34.5	15.3	0	0	0	0
11-May-10	1800	12.9	165	SSE	49.6	27.3	13.8	0	0	0	0
11-May-10	1900	12.0	142	SE	48.7	25.8	9.8	0	0	0	0
11-May-10	2000	7.2	209	SSW	46.3	24.4	7.6	0	0	0	0
11-May-10	2100	6.8	225	SW	46.2	17.1	5.3	0	0	0	0
11-May-10	2200	7.4	205	SSW	46.5	20.3	5.9	0	0	0	0
11-May-10	2300	7.0	191	S	45.8	20.3	5.8	0	0	0	0
11-May-10	2400	8.9	204	SSW	43.6	19.9	6.8	0	0	0	0
12-May-10	100	10.3	223	SW	43.1	14.8	1.5	0	0	0	0
12-May-10	200	11.6	254	WSW	46.4	15.7	5.5	0	0	0	0
12-May-10	300	12.7	259	W	46.8	16.4	4.5	0	0	0	0
12-May-10	400	11.5	254	WSW	51.1	13.0	6.2	0	1	0	0
12-May-10	500	14.1	261	W	50.6	12.8	4.0	0	0	0	0
12-May-10	600	11.7	254	WSW	53.1	19.8	4.5	0	0	0	0
12-May-10	700	10.4	235	SW	57.2	15.1	2.6	0	0	0	0

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12-May-10	800	11.5	225	SW	54.2	12.8	4.3	0	0	0	0
12-May-10	900	13.2	214	SW	53.4	13.7	7.6	0	0	0	0
12-May-10	1000	15.1	204	SSW	53.1	19.4	6.1	0	0	0	0
12-May-10	1100	10.8	215	SW	52.5	13.5	5.5	0	0	0	0
12-May-10	1200	10.5	197	SSW	53.2	11.6	2.5	0	0	0	0
12-May-10	1300	11.0	164	SSE	52.9	14.8	5.4	0	0	0	0
12-May-10	1400	10.6	194	SSW	52.3	12.1	3.7	0	0	0	0
12-May-10	1500	11.0	206	SSW	52.3	10.7	2.4	0	0	0	0
12-May-10	1600	10.5	142	SE	50.1	17.6	3.5	0	0	0	0
12-May-10	1700	15.6	156	SSE	50.1	17.1	2.5	0	0	0	0
12-May-10	1800	17.8	161	SSE	53.8	14.7	6.3	0	0	0	0
12-May-10	1900	20.5	163	SSE	55.6	18.3	7.1	0	0	0	0
12-May-10	2000	22.3	173	S	58.3	17.7	6.0	0	0	0	0
12-May-10	2100	22.4	168	SSE	56.0	18.6	6.4	0	0	0	0
12-May-10	2200	18.0	168	SSE	53.1	15.0	10.2	0	0	0	0
12-May-10	2300	7.3	205	SSW	46.8	22.3	5.4	0	0	0	0

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12-May-10	2400	8.0	242	WSW	50.8	14.5	5.6	0	1	0	0
13-May-10	100	8.5	262	W	44.0	13.2	4.9	0	0	0	0
13-May-10	200	12.8	288	WNW	42.6	13.4	5.5	0	0	0	0
13-May-10	300	13.7	283	WNW	42.7	12.5	2.9	0	0	0	0
13-May-10	400	15.1	290	WNW	44.1	12.7	3.8	0	0	0	0
13-May-10	500	18.8	318	NW	49.2	16.5	7.7	0	0	0	0
13-May-10	600	20.4	321	NW	53.7	21.8	4.6	0	0	0	0
13-May-10	700	18.9	321	NW	54.0	88.6	21.6	0	0	0	0
13-May-10	800	18.9	336	NNW	55.5	78.1	17.6	0	0	0	0
13-May-10	900	14.1	358	N	55.6	55.0	10.6	0	0	0	0
13-May-10	1000	14.1	359	N	55.7	42.2	8.8	0	0	0	0
13-May-10	1100	12.4	14	NNE	55.8	38.2	7.1	0	0	0	0
13-May-10	1200	8.6	356	N	56.6	33.1	9.2	0	0	0	0
13-May-10	1300	8.2	24	NNE	55.5	32.7	13.4	0	0	0	0
13-May-10	1400	9.4	91	E	57.0	37.4	1.1	0	0	0	0
13-May-10	1500	11.0	148	SSE	56.0	25.7	6.5	0	0	0	0

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13-May-10	1600	12.2	160	SSE	51.2	33.7	6.4	0	0	0	0
13-May-10	1700	13.6	165	SSE	49.6	27.3	8.9	0	0	0	0
13-May-10	1800	12.3	167	SSE	48.7	29.9	9.9	0	0	0	0
13-May-10	1900	9.3	177	S	48.0	25.1	8.4	0	0	0	0
13-May-10	2000	8.1	209	SSW	47.8	25.3	9.4	0	0	0	0
13-May-10	2100	11.3	257	WSW	47.4	18.9	8.3	0	0	0	0
13-May-10	2200	12.7	262	W	47.0	15.1	7.3	0	0	0	0
13-May-10	2300	15.2	264	W	49.3	18.7	7.2	0	0	0	0
13-May-10	2400	16.2	271	W	46.6	11.1	5.3	0	0	0	0
14-May-10	100	17.2	276	W	43.5	9.4	5.0	0	0	0	0
14-May-10	200	15.8	285	WNW	44.0	12.2	4.6	0	0	0	0
14-May-10	300	16.8	306	NW	45.2	12.0	5.3	0	0	0	0
14-May-10	400	13.5	303	WNW	44.7	10.1	4.9	0	0	0	0
14-May-10	500	14.4	303	WNW	47.4	18.8	5.9	0	0	0	0
14-May-10	600	14.8	291	WNW	51.7	10.2	4.6	0	0	0	0
14-May-10	700	11.0	293	WNW	52.8	16.3	2.6	0	0	0	0

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14-May-10	900	8.2	317	NW	53.4	25.8	9.3	0	0	0	0
14-May-10	1000	7.7	285	WNW	54.2	18.0	5.2	0	0	0	0
14-May-10	1100	12.8	255	WSW	54.3	19.1	7.8	0	0	0	0
14-May-10	1200	12.7	265	W	54.2	17.2	0.8	0	0	0	0
14-May-10	1300	9.0	313	NW	55.6	22.1	4.6	0	0	0	0
14-May-10	1400	10.5	216	SW	54.7	21.4	2.5	0	0	0	0
14-May-10	1500	10.3	22	NNE	54.1	44.2	8.5	0	0	0	0
14-May-10	1600	8.1	86	E	53.4	28.2	10.2	0	0	0	0
14-May-10	1700	7.3	57	ENE	51.0	29.8	6.4	0	0	0	0
14-May-10	1800	10.8	343	NNW	50.7	32.1	5.6	0	0	0	0
14-May-10	1900	9.2	142	SE	47.9	27.7	9.1	0	0	0	0
14-May-10	2000	8.3	235	SW	47.1	22.0	5.4	0	0	0	0
14-May-10	2100	8.6	245	WSW	46.7	19.6	6.2	0	0	0	0
14-May-10	2200	13.8	278	W	46.6	22.2	10.3	0	0	0	0
14-May-10	2300	13.8	241	WSW	44.5	23.4	5.6	0	0	0	0

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15-May-10	500	17.1	268	W	44.7	15.6	9.0	0	0	0	0
15-May-10	600	16.1	268	W	50.1	16.7	1.6	0	0	0	0
15-May-10	700	13.8	273	W	52.1	14.4	5.9	0	0	0	0
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15-May-10	900	15.8	309	NW	50.6	17.7	5.5	0	0	0	0
15-May-10	1000	12.3	321	NW	51.4	28.7	13.8	0	0	0	0
15-May-10	1100	9.6	329	NNW	52.4	30.1	9.6	0	0	0	0
15-May-10	1200	9.2	330	NNW	52.3	26.4	1.5	0	0	0	0
15-May-10	1300	7.8	214	SW	51.7	17.1	3.9	0	0	0	0
15-May-10	1400	10.6	327	NNW	51.5	28.8	5.5	0	0	0	0
15-May-10	1500	12.0	316	NW	49.8	27.2	9.6	0	0	0	0

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15-May-10	1600	6.6	244	WSW	50.0	17.1	3.1	0	0	0	0
15-May-10	1700	15.1	319	NW	48.0	37.3	8.2	0	0	0	0
15-May-10	1800	8.0	281	W	46.9	16.3	4.9	0	0	0	0
15-May-10	1900	10.1	224	SW	46.9	11.5	4.2	0	0	0	0
15-May-10	2000	7.0	218	SW	45.5	15.6	6.9	0	0	0	0
15-May-10	2100	5.6	246	WSW	46.6	16.1	9.1	0	0	0	0
15-May-10	2200	5.2	192	SSW	45.3	25.8	11.1	0	0	0	0
15-May-10	2300	7.7	196	SSW	44.0	34.9	10.9	0	0	0	0
15-May-10	2400	8.3	153	SSE	43.9	28.1	10.0	0	0	0	0
16-May-10	100	8.0	187	S	43.5	33.6	11.1	0	0	0	0
16-May-10	200	7.5	267	W	41.0	22.5	13.0	0	0	0	0
16-May-10	300	10.0	276	W	42.8	25.7	4.6	0	0	0	0
16-May-10	400	10.6	259	W	43.8	20.8	6.9	0	0	0	0
16-May-10	500	11.7	255	WSW	45.3	17.9	9.3	0	0	0	0
16-May-10	600	12.0	257	WSW	48.7	19.7	5.0	0	0	0	0
16-May-10	700	7.7	252	WSW	49.4	15.2	8.2	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											
16-May-10	800	9.0	228	SW	46.7	19.3	8.0	0	0	0	0
16-May-10	900	11.0	228	SW	46.5	17.6	7.0	0	0	0	0
16-May-10	1000	12.4	192	SSW	48.5	19.0	9.0	0	0	0	0
16-May-10	1100	11.5	161	SSE	50.4	19.4	5.8	0	0	0	0
16-May-10	1200	11.5	151	SSE	50.2	19.5	4.1	0	0	0	0
16-May-10	1300	14.1	146	SSE	51.7	22.4	4.3	0	0	0	0
16-May-10	1400	15.2	146	SE	52.0	20.2	5.0	0	0	0	0
16-May-10	1500	17.1	162	SSE	52.5	21.9	6.9	0	0	0	0
16-May-10	1600	15.8	162	SSE	50.5	14.7	2.7	0	0	0	0
16-May-10	1700	16.7	190	S	50.5	17.7	6.8	0	0	0	0
16-May-10	1800	14.1	235	SW	47.5	18.0	5.6	0	0	0	0
16-May-10	1900	17.2	265	W	45.7	13.9	5.4	0	0	0	0
16-May-10	2000	17.8	263	W	46.1	15.9	7.5	0	0	0	0
16-May-10	2100	15.6	265	W	45.9	7.8	4.4	0	0	0	0
16-May-10	2200	13.9	253	WSW	45.3	12.7	3.2	0	0	0	0
16-May-10	2300	12.6	241	WSW	43.8	11.5	6.4	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											
16-May-10	2400	12.5	264	W	42.7	15.3	3.0	0	0	0	0
17-May-10	100	13.9	270	W	42.5	11.8	7.1	0	0	0	0
17-May-10	200	11.9	254	WSW	42.6	13.7	1.2	0	0	0	0
17-May-10	300	10.8	272	W	43.5	12.6	2.2	0	0	0	0
17-May-10	400	13.2	268	W	45.1	15.5	2.1	0	0	0	0
17-May-10	500	11.6	261	W	47.3	13.3	3.9	0	0	0	0
17-May-10	600	8.5	244	WSW	52.4	28.5	4.0	0	1	0	0
17-May-10	700	7.0	275	W	59.0	17.8	2.5	0	0	0	0