

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-Apr-10	800	22.2	130	SE	59.5	14.9	4.0	0	0	0	0
12-Apr-10	900	17.7	125	SE	58.9	13.8	4.3	0	0	0	0
12-Apr-10	1000	15.2	126	SE	57.3	16.3	4.7	0	0	0	0
12-Apr-10	1100	14.9	139	SE	56.6	14.7	4.4	0	0	0	0
12-Apr-10	1200	13.6	141	SE	55.9	16.6	7.6	0	0	0	0
12-Apr-10	1300	13.9	136	SE	54.5	17.7	6.7	0	0	0	0
12-Apr-10	1400	16.5	132	SE	56.5	10.8	1.8	0	0	0	0
12-Apr-10	1500	14.7	120	ESE	56.0	16.1	6.4	0	0	0	0
12-Apr-10	1600	13.1	137	SE	54.4	14.4	5.0	0	0	0	0
12-Apr-10	1700	13.9	135	SE	53.2	16.2	5.5	0	0	0	0
12-Apr-10	1800	13.3	140	SE	52.4	20.3	6.8	0	0	0	0
12-Apr-10	1900	13.3	135	SE	48.6	18.4	6.4	0	0	0	0
12-Apr-10	2000	12.9	131	SE	47.9	18.5	6.2	0	0	0	0
12-Apr-10	2100	15.8	133	SE	48.7	14.6	4.1	0	0	0	0
12-Apr-10	2200	15.4	132	SE	47.9	8.8	4.3	0	0	0	0
12-Apr-10	2300	12.3	127	SE	46.1	4.6	2.2	0	0	0	0

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Alarms											
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1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
12-Apr-10	2400	13.1	136	SE	44.9	6.8	2.7	0	0	0	0
13-Apr-10	100	10.5	123	ESE	44.1	8.0	2.5	0	0	0	0
13-Apr-10	200	13.0	122	ESE	44.7	2.9	1.4	0	0	0	0
13-Apr-10	300	12.6	132	SE	45.0	3.8	1.5	0	0	0	0
13-Apr-10	400	9.1	133	SE	43.9	18.9	1.6	0	0	0	0
13-Apr-10	500	12.1	129	SE	46.0	5.6	1.6	0	0	0	0
13-Apr-10	600	12.1	133	SE	50.3	3.7	0.7	0	0	0	0
13-Apr-10	700	5.3	147	SSE	52.7	19.0	1.6	0	0	0	0
13-Apr-10	800	2.3	181	S	55.6	21.2	6.2	0	0	0	0
13-Apr-10	900	9.8	329	NNW	55.9	36.0	11.6	0	0	0	0
13-Apr-10	1000	9.7	351	N	55.7	30.6	10.8	0	0	0	0
13-Apr-10	1100	13.2	350	N	55.2	25.2	9.2	0	0	0	0
13-Apr-10	1200	17.1	23	NNE	56.0	7.2	2.7	0	0	0	0
13-Apr-10	1300	16.9	12	NNE	66.3	43.9	14.8	0	0	0	0
13-Apr-10	1400	15.6	341	NNW	65.8	46.8	14.1	0	0	0	0
13-Apr-10	1500	27.8	329	NNW	63.8	47.0	15.7	0	0	0	0

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13-Apr-10	1600	17.8	352	N	56.8	31.0	10.2	0	0	0	0
13-Apr-10	1700	19.3	353	N	56.7	34.5	11.7	0	0	0	0
13-Apr-10	1800	21.3	357	N	57.0	43.9	16.3	0	0	0	0
13-Apr-10	1900	19.4	3	N	53.4	41.5	15.3	0	0	0	0
13-Apr-10	2000	18.9	353	N	52.5	35.1	13.0	0	0	0	0
13-Apr-10	2100	23.1	340	NNW	55.3	31.6	12.7	0	0	0	0
13-Apr-10	2200	33.8	325	NW	62.3	37.8	13.8	0	0	0	0
13-Apr-10	2300	34.2	329	NNW	62.5	33.8	10.9	0	0	0	0
13-Apr-10	2400	32.5	331	NNW	61.3	28.0	8.8	0	0	0	0
14-Apr-10	100	18.5	346	NNW	51.3	22.7	8.0	0	0	0	0
14-Apr-10	200	17.9	349	N	50.2	20.4	7.2	0	0	0	0
14-Apr-10	300	19.0	341	NNW	51.3	20.0	8.1	0	0	0	0
14-Apr-10	400	33.1	330	NNW	62.0	23.7	8.2	0	0	0	0
14-Apr-10	500	26.3	330	NNW	54.5	20.6	6.6	0	0	0	0
14-Apr-10	600	32.6	328	NNW	61.5	19.2	6.4	0	0	0	0
14-Apr-10	700	40.3	327	NNW	67.3	69.8	14.2	0	0	0	0

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Alarms											
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14-Apr-10	800	43.5	327	NNW	69.9	139.5	42.8	0	0	0	0
14-Apr-10	900	48.9	328	NNW	72.6	230.4	167.4	9.5	0	0	1
14-Apr-10	1000	47.9	330	NNW	71.9	160.2	95.4	0	0	0	1
14-Apr-10	1100	50.0	327	NNW	72.5	109.2	33.4	0	0	0	0
14-Apr-10	1200	51.2	322	NW	73.0	175.3	55.5	0	0	0	0
14-Apr-10	1300	46.7	324	NW	71.0	168.8	50.7	0	0	0	0
14-Apr-10	1400	49.8	322	NW	72.1	175.0	61.6	0	0	0	0
14-Apr-10	1500	48.8	320	NW	71.3	182.0	56.9	0	0	0	0
14-Apr-10	1600	37.7	329	NNW	65.2	129.0	39.2	0	0	0	0
14-Apr-10	1700	23.2	349	N	58.0	88.9	19.9	0	0	0	0
14-Apr-10	1800	20.2	353	N	55.9	62.0	10.2	0	0	0	0
14-Apr-10	1900	16.5	355	N	50.4	34.8	7.3	0	0	0	0
14-Apr-10	2000	9.1	344	NNW	48.8	44.2	8.8	0	0	0	0
14-Apr-10	2100	9.3	312	NW	48.6	62.4	11.6	0	0	0	0
14-Apr-10	2200	10.1	307	NW	48.6	33.0	5.5	0	0	0	0
14-Apr-10	2300	14.5	307	NW	49.9	36.5	10.4	0	0	0	0

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Alarms											
PM2.5						1 Hour Average – 80 ug/m3					
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14-Apr-10	2400	18.2	313	NW	48.8	48.1	6.8	0	0	0	0
15-Apr-10	100	18.6	328	NNW	48.6	41.2	4.1	0	0	0	0
15-Apr-10	200	13.8	326	NNW	49.0	56.2	9.2	0	0	0	0
15-Apr-10	300	11.7	325	NW	48.6	69.0	11.4	0	0	0	0
15-Apr-10	400	8.8	337	NNW	49.7	55.1	10.3	0	0	0	0
15-Apr-10	500	8.4	2	N	47.5	20.4	7.5	0	0	0	0
15-Apr-10	600	5.1	300	WNW	50.9	15.3	7.5	0	1	0	0
15-Apr-10	700	4.4	277	W	56.4	23.3	6.7	0	0	0	0
15-Apr-10	800	6.4	182	S	56.4	40.3	9.7	0	0	0	0
15-Apr-10	900	12.2	170	S	55.4	28.9	6.6	0	0	0	0
15-Apr-10	1000	14.3	166	SSE	55.7	16.4	4.8	0	0	0	0
15-Apr-10	1100	13.2	156	SSE	54.5	18.7	7.5	0	0	0	0
15-Apr-10	1200	12.8	155	SSE	52.7	29.1	8.8	0	0	0	0
15-Apr-10	1300	15.2	147	SSE	53.7	21.9	12.7	0	0	0	0
15-Apr-10	1400	18.9	146	SE	54.6	22.4	12.9	0	0	0	0
15-Apr-10	1500	21.5	140	SE	55.1	32.1	9.2	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											
15-Apr-10	1600	24.6	134	SE	56.6	28.2	6.7	0	0	0	0
15-Apr-10	1700	25.4	134	SE	57.3	34.6	9.4	0	0	0	0
15-Apr-10	1800	26.7	142	SE	58.1	25.7	7.8	0	0	0	0
15-Apr-10	1900	25.0	151	SSE	57.4	24.1	8.4	0	0	0	0
15-Apr-10	2000	23.1	151	SSE	55.2	29.6	7.1	0	0	0	0
15-Apr-10	2100	24.3	161	SSE	57.2	28.8	11.5	0	0	0	0
15-Apr-10	2200	26.9	164	SSE	59.6	40.5	11.2	0	0	0	0
15-Apr-10	2300	27.8	165	SSE	60.2	41.2	15.4	0	0	0	0
15-Apr-10	2400	23.3	168	SSE	55.2	39.4	12.6	0	0	0	0
16-Apr-10	100	19.6	170	S	51.7	43.0	13.4	0	0	0	0
16-Apr-10	200	20.8	169	S	53.0	40.6	11.8	0	0	0	0
16-Apr-10	300	20.6	175	S	51.9	37.5	11.5	0	0	0	0
16-Apr-10	400	18.0	182	S	48.3	40.9	15.2	0	0	0	0
16-Apr-10	500	14.6	195	SSW	48.7	41.9	16.0	0	0	0	0
16-Apr-10	600	16.4	212	SSW	53.9	62.8	14.7	0	0	0	0
16-Apr-10	700	12.8	228	SW	56.8	48.3	13.1	0	0	0	0

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16-Apr-10	800	10.0	241	WSW	56.7	36.9	10.7	0	0	0	0
16-Apr-10	900	6.6	234	SW	51.7	34.3	10.7	0	0	0	0
16-Apr-10	1000	6.5	215	SW	51.1	36.8	12.1	0	0	0	0
16-Apr-10	1100	8.1	169	S	51.9	27.1	10.6	0	0	0	0
16-Apr-10	1200	8.5	144	SE	52.4	27.9	7.1	0	0	0	0
16-Apr-10	1300	15.4	111	ESE	52.9	46.1	10.6	0	0	0	0
16-Apr-10	1400	16.6	142	SE	52.7	33.7	8.0	0	0	0	0
16-Apr-10	1500	19.3	142	SE	53.8	28.0	7.0	0	0	0	0
16-Apr-10	1600	19.1	147	SSE	52.5	38.1	7.0	0	0	0	0
16-Apr-10	1700	22.9	132	SE	54.4	41.7	11.6	0	0	0	0
16-Apr-10	1800	22.6	133	SE	53.9	33.9	6.5	0	0	0	0
16-Apr-10	1900	18.8	151	SSE	50.8	30.5	7.1	0	0	0	0
16-Apr-10	2000	17.2	168	SSE	49.4	31.2	6.4	0	0	0	0
16-Apr-10	2100	15.3	176	S	49.3	39.4	8.7	0	0	0	0
16-Apr-10	2200	11.6	186	S	50.0	44.5	9.3	0	1	0	0
16-Apr-10	2300	9.3	188	S	50.1	48.9	13.4	0	1	0	0

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17-Apr-10	100	8.4	264	W	50.8	53.3	15.1	0	1	0	0
17-Apr-10	200	10.8	256	WSW	52.3	39.1	9.4	0	1	0	0
17-Apr-10	300	12.0	283	WNW	54.5	23.1	11.5	0	0	0	0
17-Apr-10	400	11.1	298	WNW	51.3	23.2	8.0	0	1	0	0
17-Apr-10	500	10.8	303	WNW	45.9	19.4	6.0	0	0	0	0
17-Apr-10	600	10.1	272	W	46.6	21.2	3.8	0	0	0	0
17-Apr-10	700	10.3	304	WNW	51.4	34.0	11.6	0	0	0	0
17-Apr-10	800	11.0	321	NW	49.6	26.9	9.0	0	0	0	0
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17-Apr-10	1600	25.3	143	SE	56.6	26.3	5.3	0	0	0	0
17-Apr-10	1700	28.4	134	SE	58.8	23.8	3.7	0	0	0	0
17-Apr-10	1800	26.6	134	SE	57.2	23.0	6.2	0	0	0	0
17-Apr-10	1900	24.3	133	SE	54.9	23.4	6.1	0	0	0	0
17-Apr-10	2000	18.2	143	SE	49.6	26.0	8.7	0	0	0	0
17-Apr-10	2100	14.5	148	SSE	47.6	28.0	7.0	0	0	0	0
17-Apr-10	2200	12.5	146	SE	46.1	39.3	8.4	0	0	0	0
17-Apr-10	2300	14.6	159	SSE	46.3	43.7	9.7	0	0	0	0
17-Apr-10	2400	9.8	173	S	44.8	49.7	13.5	0	0	0	0
18-Apr-10	100	6.0	169	S	43.6	118.9	21.0	0	0	0	0
18-Apr-10	200	7.1	245	WSW	43.8	61.6	14.1	0	0	0	0
18-Apr-10	300	16.8	284	WNW	43.5	28.7	9.0	0	0	0	0
18-Apr-10	400	19.3	286	WNW	44.7	13.9	4.9	0	0	0	0
18-Apr-10	500	18.4	283	WNW	44.0	8.2	4.0	0	0	0	0
18-Apr-10	600	17.1	289	WNW	44.7	12.3	3.4	0	0	0	0
18-Apr-10	700	16.3	290	WNW	45.3	10.6	3.7	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-Apr-10	800	18.8	287	WNW	46.3	12.5	4.6	0	0	0	0
18-Apr-10	900	23.3	300	WNW	50.4	12.0	3.8	0	0	0	0
18-Apr-10	1000	24.1	319	NW	52.4	13.9	3.1	0	0	0	0
18-Apr-10	1100	21.4	339	NNW	52.6	24.2	4.3	0	0	0	0
18-Apr-10	1200	16.2	356	N	49.3	15.3	4.5	0	0	0	0
18-Apr-10	1300	14.5	3	N	48.9	16.7	3.1	0	0	0	0
18-Apr-10	1400	13.9	10	N	49.1	19.7	4.7	0	0	0	0
18-Apr-10	1500	13.0	15	NNE	48.4	22.1	5.6	0	0	0	0
18-Apr-10	1600	12.5	29	NNE	47.4	21.6	9.7	0	0	0	0
18-Apr-10	1700	13.1	47	NE	48.0	25.2	9.1	0	0	0	0
18-Apr-10	1800	7.0	234	SW	47.8	21.3	8.2	0	0	0	0
18-Apr-10	1900	8.6	245	WSW	46.5	15.0	7.5	0	0	0	0
18-Apr-10	2000	10.0	289	WNW	44.8	18.1	4.7	0	0	0	0
18-Apr-10	2100	9.1	26	NNE	44.7	22.0	8.1	0	0	0	0
18-Apr-10	2200	8.4	331	NNW	45.3	22.7	6.7	0	0	0	0
18-Apr-10	2300	8.1	310	NW	44.3	13.6	4.5	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 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-Apr-10	2400	8.3	292	WNW	44.6	16.2	3.6	0	0	0	0
19-Apr-10	100	7.8	293	WNW	44.1	15.8	9.2	0	0	0	0
19-Apr-10	200	7.9	295	WNW	44.0	18.0	5.5	0	0	0	0
19-Apr-10	300	9.8	303	WNW	44.2	20.2	4.2	0	0	0	0
19-Apr-10	400	7.4	286	WNW	43.7	15.9	5.2	0	0	0	0
19-Apr-10	500	7.4	297	WNW	45.9	14.5	5.0	0	0	0	0
19-Apr-10	600	7.9	294	WNW	52.6	18.2	5.4	0	1	0	0
19-Apr-10	700	7.4	293	WNW	57.6	18.6	3.5	0	0	0	0