

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											
28-Jun-10	800	6.4	280	W	53.5	11.5	2.8	0	0	0	0
28-Jun-10	900	6.1	142	SE	55.2	50.6	6.2	0	0	0	0
28-Jun-10	1000	12.1	142	SE	55.2	23.5	8.8	0	0	0	0
28-Jun-10	1100	12.0	145	SE	55.8	13.8	4.0	0	0	0	0
28-Jun-10	1200	6.9	130	SE	56.5	11.0	1.3	0	0	0	0
28-Jun-10	1300	14.7	181	S	57.8	22.3	7.6	0	0	0	0
28-Jun-10	1400	15.9	191	S	56.2	8.7	2.5	0	0	0	0
28-Jun-10	1500	16.0	171	S	55.6	6.7	1.3	0	0	0	0
28-Jun-10	1600	13.3	158	SSE	56.8	8.5	0.7	0	0	0	0
28-Jun-10	1700	14.2	147	SSE	52.6	12.4	0.6	0	0	0	0
28-Jun-10	1800	15.6	145	SE	52.5	14.2	0.5	0	0	0	0
28-Jun-10	1900	17.7	166	SSE	50.2	8.3	0.5	0	0	0	0
28-Jun-10	2000	13.7	167	SSE	48.6	11.8	2.1	0	0	0	0
28-Jun-10	2100	11.6	160	SSE	47.1	16.5	5.2	0	0	0	0
28-Jun-10	2200	10.2	184	S	46.4	16.0	8.3	0	0	0	0
28-Jun-10	2300	12.8	180	S	45.6	12.3	8.7	0	0	0	0

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1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
28-Jun-10	2400	13.5	186	S	44.0	9.4	6.3	0	0	0	0
29-Jun-10	100	9.9	214	SW	43.7	10.9	6.7	0	0	0	0
29-Jun-10	200	12.9	278	W	49.4	62.5	8.3	0	0	0	0
29-Jun-10	300	16.9	334	NNW	50.4	68.3	5.3	0	0	0	0
29-Jun-10	400	16.0	326	NNW	50.7	106.9	14.2	0	0	0	0
29-Jun-10	500	12.7	314	NW	48.0	12.1	5.5	0	0	0	0
29-Jun-10	600	11.0	303	WNW	51.8	21.6	4.0	0	1	0	0
29-Jun-10	700	15.7	324	NW	55.7	113.5	14.8	0	0	0	0
29-Jun-10	800	14.8	325	NW	53.8	57.0	3.1	0	0	0	0
29-Jun-10	900	9.3	345	NNW	54.9	36.4	2.8	0	0	0	0
29-Jun-10	1000	9.5	16	NNE	56.9	22.5	4.4	0	0	0	0
29-Jun-10	1100	9.6	99	E	56.2	48.4	2.6	0	0	0	0
29-Jun-10	1200	12.0	111	ESE	56.5	42.1	1.1	0	0	0	0
29-Jun-10	1300	16.4	139	SE	57.7	41.6	2.5	0	0	0	0
29-Jun-10	1400	18.2	155	SSE	57.9	33.5	6.0	0	0	0	0
29-Jun-10	1500	19.0	154	SSE	56.9	25.5	9.8	0	0	0	0

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1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
29-Jun-10	1600	21.8	162	SSE	56.5	25.7	16.4	0	0	0	0
29-Jun-10	1700	19.2	169	S	54.9	18.2	4.7	0	0	0	0
29-Jun-10	1800	15.9	167	SSE	52.5	10.7	3.9	0	0	0	0
29-Jun-10	1900	26.6	149	SSE	58.1	46.2	0.6	0	0	0	0
29-Jun-10	2000	27.0	158	SSE	59.0	39.4	8.4	0	0	0	0
29-Jun-10	2100	19.8	172	S	51.5	25.8	15.1	0	0	0	0
29-Jun-10	2200	17.0	287	WNW	50.9	54.2	9.1	0	0	0	0
29-Jun-10	2300	16.6	341	NNW	51.7	38.9	23.5	0	0	0	0
29-Jun-10	2400	13.5	335	NNW	49.6	49.0	13.6	0	0	0	0
30-Jun-10	100	11.8	327	NNW	49.0	99.8	34.2	0	0	0	0
30-Jun-10	200	6.1	258	WSW	45.1	87.0	73.6	0	0	0	0
30-Jun-10	300	7.5	230	SW	44.9	7.9	6.0	0	0	0	0
30-Jun-10	400	11.2	206	SSW	47.5	7.5	6.4	0	0	0	0
30-Jun-10	500	10.6	211	SSW	48.1	6.0	3.0	0	0	0	0
30-Jun-10	600	14.5	210	SSW	53.2	12.5	3.2	0	0	0	0
30-Jun-10	700	12.6	243	WSW	55.8	6.8	2.7	0	0	0	0

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Alarms											
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30-Jun-10	800	15.3	231	SW	55.4	22.0	6.2	0	0	0	0
30-Jun-10	900	12.0	258	WSW	54.5	10.9	3.6	0	0	0	0
30-Jun-10	1000	10.2	271	W	55.0	17.9	5.9	0	0	0	0
30-Jun-10	1100	10.1	183	S	57.1	11.9	3.7	0	0	0	0
30-Jun-10	1200	15.4	166	SSE	55.8	12.5	4.3	0	0	0	0
30-Jun-10	1300	16.7	259	W	52.8	11.0	3.3	0	0	0	0
30-Jun-10	1400	23.5	263	W	55.8	21.3	1.2	0	0	0	0
30-Jun-10	1500	23.5	258	WSW	53.5	18.2	1.5	0	0	0	0
30-Jun-10	1600	20.2	280	W	51.6	17.1	3.9	0	0	0	0
30-Jun-10	1700	23.5	287	WNW	51.8	10.9	2.2	0	0	0	0
30-Jun-10	1800	23.3	298	WNW	51.4	41.4	5.9	0	0	0	0
30-Jun-10	1900	18.7	13	NNE	52.3	40.7	7.5	0	0	0	0
30-Jun-10	2000	16.5	20	NNE	49.6	15.8	4.7	0	0	0	0
30-Jun-10	2100	13.4	13	NNE	48.5	14.4	3.4	0	0	0	0
30-Jun-10	2200	12.8	33	NNE	49.6	14.2	4.7	0	0	0	0
30-Jun-10	2300	8.2	64	ENE	45.4	16.6	2.2	0	0	0	0

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Alarms											
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30-Jun-10	2400	5.3	161	SSE	44.1	15.3	4.9	0	0	0	0
1-Jul-10	100	6.3	128	SE	40.9	10.3	1.8	0	0	0	0
1-Jul-10	200	7.5	131	SE	41.4	7.8	2.2	0	0	0	0
1-Jul-10	300	9.1	151	SSE	42.1	8.9	1.9	0	0	0	0
1-Jul-10	400	11.6	136	SE	44.3	10.5	3.9	0	0	0	0
1-Jul-10	500	13.7	138	SE	46.7	10.3	3.5	0	0	0	0
1-Jul-10	600	13.6	146	SSE	52.0	9.9	2.0	0	0	0	0
1-Jul-10	700	17.2	154	SSE	51.0	9.7	2.3	0	0	0	0
1-Jul-10	800	19.2	156	SSE	53.6	12.9	6.7	0	0	0	0
1-Jul-10	900	18.7	144	SE	53.5	9.1	4.5	0	0	0	0
1-Jul-10	1000	20.5	142	SE	54.9	11.7	3.8	0	0	0	0
1-Jul-10	1100	23.5	149	SSE	57.4	12.6	1.0	0	0	0	0
1-Jul-10	1200	23.9	148	SSE	57.4	19.3	2.7	0	0	0	0
1-Jul-10	1300	25.1	137	SE	57.9	20.6	3.0	0	0	0	0
1-Jul-10	1400	24.7	138	SE	57.6	22.3	3.9	0	0	0	0
1-Jul-10	1500	26.8	148	SSE	58.9	19.7	4.7	0	0	0	0

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Alarms											
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1-Jul-10	1600	22.2	142	SE	54.7	13.1	3.1	0	0	0	0
1-Jul-10	1700	17.7	162	SSE	50.8	10.5	2.4	0	0	0	0
1-Jul-10	1800	15.2	150	SSE	49.9	12.9	1.8	0	0	0	0
1-Jul-10	1900	14.7	157	SSE	51.1	19.3	1.1	0	0	0	0
1-Jul-10	2000	8.8	119	ESE	48.0	28.7	4.4	0	0	0	0
1-Jul-10	2100	5.0	25	NNE	47.0	47.2	10.2	0	0	0	0
1-Jul-10	2200	3.8	82	E	45.3	81.6	15.2	0	0	0	0
1-Jul-10	2300	8.0	285	WNW	45.7	72.3	12.9	0	0	0	0
1-Jul-10	2400	8.2	296	WNW	50.7	54.0	18.9	0	1	0	0
2-Jul-10	100	13.7	287	WNW	48.5	10.6	3.9	0	0	0	0
2-Jul-10	200	18.4	291	WNW	49.0	7.5	2.6	0	0	0	0
2-Jul-10	300	13.1	305	NW	50.9	46.9	6.1	0	0	0	0
2-Jul-10	400	7.7	307	NW	47.0	18.3	3.4	0	0	0	0
2-Jul-10	500	5.8	309	NW	44.5	14.6	2.9	0	0	0	0
2-Jul-10	600	10.5	320	NW	52.0	58.5	7.4	0	1	0	0
2-Jul-10	700	16.8	316	NW	51.6	77.1	11.6	0	0	0	0

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2-Jul-10	800	15.4	305	NW	50.1	47.0	5.2	0	0	0	0
2-Jul-10	900	13.4	306	NW	52.4	41.8	5.9	0	0	0	0
2-Jul-10	1000	12.7	312	NW	51.9	14.2	2.4	0	0	0	0
2-Jul-10	1100	10.9	304	NW	52.1	18.5	4.6	0	0	0	0
2-Jul-10	1200	7.3	333	NNW	51.9	9.5	1.7	0	0	0	0
2-Jul-10	1300	8.0	61	ENE	54.4	8.2	1.5	0	0	0	0
2-Jul-10	1400	6.6	45	NE	52.7	10.5	3.2	0	0	0	0
2-Jul-10	1500	10.6	125	SE	54.5	11.4	2.6	0	0	0	0
2-Jul-10	1600	10.7	188	S	51.0	7.9	1.4	0	0	0	0
2-Jul-10	1700	12.9	180	S	51.6	3.5	1.6	0	0	0	0
2-Jul-10	1800	10.9	306	NW	49.7	10.1	2.2	0	0	0	0
2-Jul-10	1900	18.0	325	NW	49.3	31.3	3.7	0.1	0	0	0
2-Jul-10	2000	8.2	188	S	52.8	9.3	4.4	0.1	0	0	0
2-Jul-10	2100	9.5	219	SW	48.1	9.9	7.6	0	0	0	0
2-Jul-10	2200	10.9	250	WSW	50.4	7.8	2.1	0	1	0	0
2-Jul-10	2300	11.7	247	WSW	47.9	3.8	2.7	0	0	0	0

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3-Jul-10	200	17.7	289	WNW	48.2	7.1	2.3	0	0	0	0
3-Jul-10	300	16.2	279	W	47.0	2.0	0.7	0	0	0	0
3-Jul-10	400	15.9	283	WNW	47.2	2.5	0.6	0	0	0	0
3-Jul-10	500	14.4	288	WNW	47.0	1.8	1.1	0	0	0	0
3-Jul-10	600	11.2	297	WNW	48.3	2.2	1.3	0	0	0	0
3-Jul-10	700	9.3	319	NW	49.2	26.9	5.5	0	0	0	0
3-Jul-10	800	8.5	321	NW	47.7	9.6	2.3	0	0	0	0
3-Jul-10	900	4.2	344	NNW	50.7	16.4	2.9	0	0	0	0
3-Jul-10	1000	6.0	245	WSW	54.0	5.1	1.5	0	0	0	0
3-Jul-10	1100	11.0	312	NW	51.5	12.0	1.6	0	0	0	0
3-Jul-10	1200	9.8	298	WNW	52.2	6.6	1.3	0	0	0	0
3-Jul-10	1300	8.7	266	W	52.8	3.1	0.8	0	0	0	0
3-Jul-10	1400	10.0	240	WSW	55.8	4.1	0.6	0	0	0	0
3-Jul-10	1500	11.7	270	W	51.6	1.9	0.9	0	0	0	0

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3-Jul-10	1600	14.2	255	WSW	51.7	2.5	0.9	0	0	0	0
3-Jul-10	1700	16.7	255	WSW	52.5	3.1	1.2	0	0	0	0
3-Jul-10	1800	15.8	245	WSW	51.0	3.6	0.4	0	0	0	0
3-Jul-10	1900	17.9	248	WSW	53.1	4.2	0.4	0	0	0	0
3-Jul-10	2000	20.4	252	WSW	50.2	5.9	0.9	0	0	0	0
3-Jul-10	2100	22.6	262	W	48.8	4.9	2.4	0	0	0	0
3-Jul-10	2200	22.8	264	W	49.2	6.1	2.3	0	0	0	0
3-Jul-10	2300	20.1	264	W	46.4	6.2	2.9	0	0	0	0
3-Jul-10	2400	19.2	265	W	44.0	5.5	0.6	0	0	0	0
4-Jul-10	100	16.8	261	W	42.1	7.8	0.9	0	0	0	0
4-Jul-10	200	16.0	265	W	40.8	3.2	1.2	0	0	0	0
4-Jul-10	300	15.7	264	W	40.8	5.7	1.7	0	0	0	0
4-Jul-10	400	15.9	263	W	42.0	2.9	1.2	0	0	0	0
4-Jul-10	500	14.8	260	W	46.4	2.2	0.9	0	0	0	0
4-Jul-10	600	12.2	255	WSW	50.0	2.7	1.5	0	0	0	0
4-Jul-10	700	11.6	253	WSW	52.3	3.3	1.2	0	1	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											
4-Jul-10	800	9.6	227	SW	46.7	2.1	0.8	0	0	0	0
4-Jul-10	900	8.6	193	SSW	46.6	4.9	0.8	0	0	0	0
4-Jul-10	1000	15.9	240	WSW	54.5	5.5	3.4	0	0	0	0
4-Jul-10	1100	23.9	270	W	54.4	5.9	1.2	0	0	0	0
4-Jul-10	1200	26.7	272	W	55.8	5.0	2.3	0	0	0	0
4-Jul-10	1300	24.9	277	W	54.2	3.1	1.3	0	0	0	0
4-Jul-10	1400	16.7	268	W	52.9	2.1	0.5	0	0	0	0
4-Jul-10	1500	19.3	262	W	54.1	3.6	1.2	0	0	0	0
4-Jul-10	1600	16.7	322	NW	52.2	4.3	1.2	0	0	0	0
4-Jul-10	1700	15.6	16	NNE	57.4	3.8	1.1	0	0	0	0
4-Jul-10	1800	13.1	26	NNE	56.6	3.0	2.4	0	0	0	0
4-Jul-10	1900	16.0	22	NNE	54.6	4.0	1.0	0	0	0	0
4-Jul-10	2000	20.2	342	NNW	54.9	13.7	3.1	0.1	0	0	0
4-Jul-10	2100	19.8	325	NW	53.7	12.9	2.3	0.1	0	0	0
4-Jul-10	2200	11.1	331	NNW	46.7	2.5	0.5	0	0	0	0
4-Jul-10	2300	12.9	240	WSW	42.3	3.6	1.5	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											
4-Jul-10	2400	12.2	263	W	39.6	3.1	2.1	0.1	0	0	0
5-Jul-10	100	11.4	260	W	38.7	6.5	1.4	0	0	0	0
5-Jul-10	200	10.5	296	WNW	38.5	2.3	1.0	0	0	0	0
5-Jul-10	300	9.5	314	NW	37.7	2.6	1.6	0.1	0	0	0
5-Jul-10	400	9.8	288	WNW	43.0	9.7	4.4	0.1	0	0	0
5-Jul-10	500	10.7	281	W	49.3	2.7	1.1	0	0	0	0
5-Jul-10	600	11.3	288	WNW	53.7	2.3	0.8	0	1	0	0
5-Jul-10	700	13.1	320	NW	56.8	13.1	4.0	0	0	0	0