

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											
19-Jul-10	800	14.9	340	NNW	53.7	20.4	7.9	0	0	0	0
19-Jul-10	900	13.8	343	NNW	55.3	16.6	6.6	0	0	0	0
19-Jul-10	1000	14.6	339	NNW	55.1	22.3	10.8	0	0	0	0
19-Jul-10	1100	19.0	327	NNW	55.1	19.7	6.8	0	0	0	0
19-Jul-10	1200	24.2	325	NW	56.2	23.9	10.1	0	0	0	0
19-Jul-10	1300	23.5	329	NNW	56.5	29.9	12.2	0	0	0	0
19-Jul-10	1400	16.3	343	NNW	54.8	32.3	3.7	0	0	0	0
19-Jul-10	1500	17.1	339	NNW	54.0	35.5	12.8	0	0	0	0
19-Jul-10	1600	12.1	339	NNW	52.1	19.8	11.4	0	0	0	0
19-Jul-10	1700	14.5	271	W	50.2	8.8	4.7	1.1	0	0	0
19-Jul-10	1800	14.8	306	NW	49.7	6.2	2.4	0.3	0	0	0
19-Jul-10	1900	15.3	307	NW	49.1	9.8	9.6	0	0	0	0
19-Jul-10	2000	15.3	310	NW	47.0	20.3	12.9	0.2	0	0	0
19-Jul-10	2100	15.0	307	NW	50.3	7.0	5.5	0	0	0	0
19-Jul-10	2200	14.2	302	WNW	49.3	9.7	4.3	0	0	0	0
19-Jul-10	2300	18.1	313	NW	48.8	7.3	7.3	0.2	0	0	0

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19-Jul-10	2400	20.5	306	NW	49.2	13.3	9.8	0	0	0	0
20-Jul-10	100	22.6	307	NW	51.3	9.8	6.4	0	0	0	0
20-Jul-10	200	16.7	301	WNW	50.0	10.9	6.6	0	0	0	0
20-Jul-10	300	13.9	293	WNW	49.2	4.6	3.9	0	0	0	0
20-Jul-10	400	14.9	307	NW	51.2	16.6	7.9	0	0	0	0
20-Jul-10	500	12.1	312	NW	51.5	29.7	11.6	0	0	0	0
20-Jul-10	600	11.9	300	WNW	54.6	13.5	7.6	0	0	0	0
20-Jul-10	700	15.3	306	NW	54.0	18.6	7.2	0	0	0	0
20-Jul-10	800	15.3	308	NW	51.3	20.6	6.3	0	0	0	0
20-Jul-10	900	15.6	323	NW	53.3	14.4	4.3	0	0	0	0
20-Jul-10	1000	14.3	331	NNW	53.8	15.0	10.3	0	0	0	0
20-Jul-10	1100	12.3	4	N	56.3	40.1	9.0	0	0	0	0
20-Jul-10	1200	9.7	3	N	55.8	43.2	16.8	0	0	0	0
20-Jul-10	1300	8.6	20	NNE	55.3	54.9	18.7	0	0	0	0
20-Jul-10	1400	8.4	46	NE	55.8	35.8	7.0	0	0	0	0
20-Jul-10	1500	7.7	302	WNW	54.1	27.1	6.9	0	0	0	0

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20-Jul-10	1600	10.1	346	NNW	52.2	36.7	12.4	0	0	0	0
20-Jul-10	1700	8.4	10	N	49.4	30.6	20.1	0	0	0	0
20-Jul-10	1800	10.0	347	NNW	49.3	33.8	3.7	0	0	0	0
20-Jul-10	1900	6.6	359	N	52.3	20.7	1.4	0	0	0	0
20-Jul-10	2000	8.0	175	S	47.4	14.7	1.2	0	0	0	0
20-Jul-10	2100	9.4	265	W	49.2	7.2	2.7	0	0	0	0
20-Jul-10	2200	9.9	260	W	51.0	15.7	15.6	0	1	0	0
20-Jul-10	2300	8.1	236	SW	49.8	13.9	11.2	0	0	0	0
20-Jul-10	2400	7.8	230	SW	50.2	13.5	4.4	0	1	0	0
21-Jul-10	100	7.5	238	WSW	52.5	16.8	13.5	0	1	0	0
21-Jul-10	200	9.3	260	W	48.0	11.2	9.3	0	0	0	0
21-Jul-10	300	6.8	260	W	49.4	9.2	8.5	0	0	0	0
21-Jul-10	400	4.9	234	SW	50.5	12.9	9.4	0	1	0	0
21-Jul-10	500	8.6	274	W	50.9	12.4	9.3	0	1	0	0
21-Jul-10	600	9.3	283	WNW	56.2	12.0	8.2	0	1	0	0
21-Jul-10	700	7.5	276	W	56.0	11.5	6.2	0	0	0	0

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21-Jul-10	800	7.4	248	WSW	56.1	9.6	3.5	0	0	0	0
21-Jul-10	900	10.7	188	S	56.9	14.9	12.2	0	0	0	0
21-Jul-10	1000	12.6	174	S	56.5	18.8	2.9	0	0	0	0
21-Jul-10	1100	11.3	154	SSE	57.3	24.7	5.0	0	0	0	0
21-Jul-10	1200	11.5	158	SSE	58.0	20.5	9.8	0	0	0	0
21-Jul-10	1300	10.7	154	SSE	55.7	15.9	2.7	0	0	0	0
21-Jul-10	1400	10.3	151	SSE	57.4	24.6	4.5	0	0	0	0
21-Jul-10	1500	12.0	133	SE	56.8	27.6	21.9	0	0	0	0
21-Jul-10	1600	14.6	157	SSE	52.8	18.6	11.4	0	0	0	0
21-Jul-10	1700	14.3	172	S	50.0	10.8	1.0	0	0	0	0
21-Jul-10	1800	15.7	188	S	49.4	10.9	4.1	0	0	0	0
21-Jul-10	1900	16.0	168	SSE	49.3	15.7	13.5	0	0	0	0
21-Jul-10	2000	19.0	173	S	50.2	11.8	1.6	0	0	0	0
21-Jul-10	2100	12.7	166	SSE	48.3	12.2	0.9	0	0	0	0
21-Jul-10	2200	12.8	154	SSE	48.6	14.0	2.9	0	0	0	0
21-Jul-10	2300	12.0	165	SSE	46.8	18.0	12.1	0	0	0	0

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21-Jul-10	2400	11.1	164	SSE	46.2	22.5	9.6	0	0	0	0
22-Jul-10	100	9.7	172	S	46.0	19.4	7.9	0	0	0	0
22-Jul-10	200	11.3	169	SSE	45.9	20.4	8.7	0	0	0	0
22-Jul-10	300	11.8	192	SSW	48.4	17.6	14.0	0	0	0	0
22-Jul-10	400	11.1	212	SSW	47.1	12.7	10.5	0	0	0	0
22-Jul-10	500	9.9	233	SW	51.6	16.5	12.3	0	1	0	0
22-Jul-10	600	8.9	244	WSW	56.1	20.4	13.2	0	1	0	0
22-Jul-10	700	9.9	236	SW	55.3	8.3	4.5	0	0	0	0
22-Jul-10	800	10.2	229	SW	55.2	18.9	9.7	0	0	0	0
22-Jul-10	900	8.5	248	WSW	54.8	18.1	7.4	0	0	0	0
22-Jul-10	1000	12.6	266	W	58.1	21.3	7.1	0	0	0	0
22-Jul-10	1100	20.0	272	W	58.9	22.2	6.3	0	0	0	0
22-Jul-10	1200	19.0	238	WSW	56.8	22.1	20.2	0	0	0	0
22-Jul-10	1300	15.9	252	WSW	53.8	12.5	11.6	0	0	0	0
22-Jul-10	1400	13.2	283	WNW	52.6	21.3	9.3	0	0	0	0
22-Jul-10	1500	11.5	3	N	53.9	40.3	13.9	0	0	0	0

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22-Jul-10	1600	12.6	34	NE	54.5	32.0	8.8	0	0	0	0
22-Jul-10	1700	14.8	275	W	51.2	26.0	16.1	0	0	0	0
22-Jul-10	1800	17.4	280	W	50.8	10.1	2.8	0	0	0	0
22-Jul-10	1900	18.8	329	NNW	53.2	18.4	5.1	0	0	0	0
22-Jul-10	2000	23.1	323	NW	53.3	19.7	7.8	0	0	0	0
22-Jul-10	2100	20.1	304	NW	52.1	17.8	11.4	0	0	0	0
22-Jul-10	2200	21.6	321	NW	52.2	21.5	7.1	0	0	0	0
22-Jul-10	2300	16.0	338	NNW	48.8	14.9	4.5	0	0	0	0
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23-Jul-10	300	26.5	318	NW	54.7	29.9	14.5	0	0	0	0
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23-Jul-10	500	24.7	325	NW	52.6	8.9	7.0	0.1	0	0	0
23-Jul-10	600	25.9	328	NNW	58.0	6.9	5.4	0.5	0	0	0
23-Jul-10	700	24.3	329	NNW	57.2	10.7	6.4	0.2	0	0	0

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23-Jul-10	1400	13.1	344	NNW	52.6	22.4	8.2	0	0	0	0
23-Jul-10	1500	9.7	358	N	51.2	18.1	3.1	0	0	0	0
23-Jul-10	1600	8.7	8	N	50.7	10.1	3.9	0	0	0	0
23-Jul-10	1700	7.2	50	NE	50.7	8.7	4.7	0	0	0	0
23-Jul-10	1800	7.9	48	NE	50.0	8.8	3.6	0	0	0	0
23-Jul-10	1900	9.4	75	ENE	49.6	11.6	5.8	0	0	0	0
23-Jul-10	2000	11.9	108	ESE	48.4	10.5	7.8	0	0	0	0
23-Jul-10	2100	11.8	128	SE	48.0	10.5	0.7	0	0	0	0
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24-Jul-10	1600	15.5	168	SSE	50.9	7.2	0.7	0	0	0	0
24-Jul-10	1700	17.5	165	SSE	52.0	7.7	0.4	0	0	0	0
24-Jul-10	1800	18.9	158	SSE	52.5	9.9	0.9	0	0	0	0
24-Jul-10	1900	13.6	174	S	50.2	15.1	3.1	0	0	0	0
24-Jul-10	2000	9.4	287	WNW	49.8	12.4	9.4	0	0	0	0
24-Jul-10	2100	12.8	307	NW	46.4	13.2	10.0	0	0	0	0
24-Jul-10	2200	11.6	316	NW	46.6	11.6	5.3	0	0	0	0
24-Jul-10	2300	11.4	318	NW	45.4	12.8	4.5	0	0	0	0
24-Jul-10	2400	10.4	313	NW	43.8	17.3	15.4	0	0	0	0
25-Jul-10	100	11.0	313	NW	44.1	13.0	12.9	0	0	0	0
25-Jul-10	200	8.2	310	NW	43.6	6.6	5.8	0	0	0	0
25-Jul-10	300	7.4	306	NW	42.5	11.0	10.2	0	0	0	0
25-Jul-10	400	7.0	305	NW	43.7	11.5	10.6	0	0	0	0
25-Jul-10	500	6.7	280	W	48.2	11.5	9.0	0	0	0	0
25-Jul-10	600	10.1	281	W	51.7	11.4	9.6	0	1	0	0
25-Jul-10	700	6.6	297	WNW	52.4	8.9	5.9	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											
25-Jul-10	800	5.3	316	NW	55.6	47.0	20.5	0	1	0	0
25-Jul-10	900	9.1	323	NW	53.7	33.5	12.2	0	0	0	0
25-Jul-10	1000	9.4	347	NNW	51.4	111.5	25.2	0	0	0	0
25-Jul-10	1100	7.9	35	NE	52.7	84.5	21.6	0	0	0	0
25-Jul-10	1200	8.4	75	ENE	52.7	21.5	20.9	0	0	0	0
25-Jul-10	1300	13.1	120	ESE	51.7	21.5	14.8	0	0	0	0
25-Jul-10	1400	15.1	138	SE	52.0	19.7	3.5	0	0	0	0
25-Jul-10	1500	20.5	120	ESE	52.5	21.2	15.0	0	0	0	0
25-Jul-10	1600	23.9	118	ESE	54.7	23.3	9.5	0	0	0	0
25-Jul-10	1700	23.6	120	ESE	54.3	21.4	4.9	0	0	0	0
25-Jul-10	1800	21.9	116	ESE	53.0	18.3	4.3	0	0	0	0
25-Jul-10	1900	20.2	102	ESE	51.0	19.2	4.1	0	0	0	0
25-Jul-10	2000	16.4	71	ENE	48.2	17.0	0.9	0	0	0	0
25-Jul-10	2100	12.3	33	NNE	46.9	17.2	1.9	0	0	0	0
25-Jul-10	2200	9.2	46	NE	46.6	14.7	7.3	0	0	0	0
25-Jul-10	2300	8.3	41	NE	44.3	16.9	9.2	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											
25-Jul-10	2400	8.3	348	NNW	44.1	22.0	11.8	0	0	0	0
26-Jul-10	100	6.5	320	NW	44.7	17.5	7.4	0	0	0	0
26-Jul-10	200	7.5	336	NNW	44.7	33.3	15.3	0	0	0	0
26-Jul-10	300	8.5	348	NNW	44.5	19.0	8.5	0	0	0	0
26-Jul-10	400	11.6	11	N	44.5	15.1	6.1	0	0	0	0
26-Jul-10	500	11.0	42	NE	47.4	19.6	4.9	0	0	0	0
26-Jul-10	600	10.8	95	E	53.1	17.8	9.3	0	1	0	0
26-Jul-10	700	7.7	138	SE	53.2	30.7	13.4	0	0	0	0