

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											
21-Jun-10	800	5.9	169	S	55.3	65.6	34.4	0	0	0	0
21-Jun-10	900	6.5	161	SSE	54.4	62.6	22.9	0	0	0	0
21-Jun-10	1000	9.9	135	SE	54.5	62.2	11.5	0	0	0	0
21-Jun-10	1100	10.3	119	ESE	55.6	74.3	27.9	0	0	0	0
21-Jun-10	1200	10.3	82	E	57.1	61.0	24.2	0	0	0	0
21-Jun-10	1300	9.4	79	E	56.6	57.8	28.7	0	0	0	0
21-Jun-10	1400	9.2	65	ENE	55.0	37.9	17.2	0	0	0	0
21-Jun-10	1500	9.3	71	ENE	54.2	27.3	11.3	0	0	0	0
21-Jun-10	1600	8.0	70	ENE	51.5	35.2	5.6	0	0	0	0
21-Jun-10	1700	8.3	55	NE	50.8	23.3	1.2	0	0	0	0
21-Jun-10	1800	7.5	25	NNE	50.9	21.3	2.9	0	0	0	0
21-Jun-10	1900	7.8	4	N	52.8	22.8	5.5	0	0	0	0
21-Jun-10	2000	7.7	37	NE	49.3	29.7	6.6	0	0	0	0
21-Jun-10	2100	6.2	65	ENE	49.0	34.9	10.5	0	0	0	0
21-Jun-10	2200	7.8	222	SW	50.8	38.4	3.6	0	1	0	0
21-Jun-10	2300	12.4	327	NNW	50.0	117.7	44.6	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											
21-Jun-10	2400	20.0	325	NW	51.5	68.1	15.8	0	0	0	0
22-Jun-10	100	19.8	324	NW	52.4	74.6	20.9	0	0	0	0
22-Jun-10	200	20.5	315	NW	52.7	79.1	18.6	0	0	0	0
22-Jun-10	300	17.7	331	NNW	50.8	75.1	16.9	0	0	0	0
22-Jun-10	400	9.8	346	NNW	49.4	52.3	14.4	0	0	0	0
22-Jun-10	500	6.7	318	NW	48.1	80.5	19.8	0	0	0	0
22-Jun-10	600	5.9	338	NNW	53.3	85.7	20.3	0	1	0	0
22-Jun-10	700	5.3	357	N	54.8	81.9	8.4	0	0	0	0
22-Jun-10	800	4.6	16	NNE	54.9	69.2	6.9	0	0	0	0
22-Jun-10	900	4.5	169	S	55.6	67.5	13.7	0	0	0	0
22-Jun-10	1000	6.3	112	ESE	61.1	58.5	25.4	0	0	0	0
22-Jun-10	1100	6.0	69	ENE	60.6	71.3	54.4	0	0	0	0
22-Jun-10	1200	7.7	65	ENE	54.8	71.9	4.9	0	0	0	0
22-Jun-10	1300	8.5	52	NE	55.5	84.2	51.5	0	0	0	0
22-Jun-10	1400	11.4	44	NE	66.0	83.3	45.3	3.7	0	0	0
22-Jun-10	1500	8.0	88	E	57.7	39.7	6.4	1.8	0	0	0

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Alarms											
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22-Jun-10	1600	9.4	21	NNE	53.4	32.2	7.3	1.4	0	0	0
22-Jun-10	1700	6.8	151	SSE	53.2	42.9	38.1	1.2	0	0	0
22-Jun-10	1800	5.6	196	SSW	53.9	28.4	28.4	1.2	0	0	0
22-Jun-10	1900	8.2	339	NNW	50.5	39.0	16.8	0.8	0	0	0
22-Jun-10	2000	8.7	345	NNW	50.4	50.9	32.4	0.8	0	0	0
22-Jun-10	2100	6.5	69	ENE	50.9	36.3	9.6	0.8	0	0	0
22-Jun-10	2200	5.8	13	NNE	48.6	57.4	10.3	0.6	0	0	0
22-Jun-10	2300	5.5	330	NNW	49.2	64.9	39.1	0.4	0	0	0
22-Jun-10	2400	7.1	191	S	47.9	57.8	30.7	0.4	0	0	0
23-Jun-10	100	10.5	216	SW	49.3	49.8	17.6	0.3	0	0	0
23-Jun-10	200	10.8	235	SW	50.6	29.5	27.2	0.1	1	0	0
23-Jun-10	300	6.1	236	SW	48.8	39.7	20.2	0.2	0	0	0
23-Jun-10	400	3.2	328	NNW	47.1	43.1	20.6	0.1	0	0	0
23-Jun-10	500	4.4	318	NW	47.6	113.9	36.7	0	0	0	0
23-Jun-10	600	4.7	301	WNW	54.4	146.3	49.0	0.1	1	0	0
23-Jun-10	700	5.9	215	SW	54.3	41.2	18.2	0	0	0	0

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Alarms											
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23-Jun-10	800	9.2	162	SSE	55.2	61.9	15.8	0	0	0	0
23-Jun-10	900	8.3	153	SSE	57.4	56.6	9.0	0	0	0	0
23-Jun-10	1000	9.4	148	SSE	58.3	49.4	29.6	0	0	0	0
23-Jun-10	1100	9.4	117	ESE	58.8	45.4	26.4	0	0	0	0
23-Jun-10	1200	8.9	96	E	57.3	47.2	15.9	0	0	0	0
23-Jun-10	1300	12.3	106	ESE	54.5	43.7	7.0	0	0	0	0
23-Jun-10	1400	10.7	164	SSE	54.3	50.3	35.8	0	0	0	0
23-Jun-10	1500	13.0	146	SE	53.8	34.9	14.9	0	0	0	0
23-Jun-10	1600	18.1	98	E	52.7	32.6	8.0	0	0	0	0
23-Jun-10	1700	17.5	107	ESE	51.4	32.7	28.1	0	0	0	0
23-Jun-10	1800	16.0	112	ESE	50.1	36.5	0.5	0	0	0	0
23-Jun-10	1900	25.5	176	S	60.8	23.8	19.7	0.4	0	0	0
23-Jun-10	2000	13.2	141	SE	51.2	10.2	6.8	0.3	0	0	0
23-Jun-10	2100	6.7	16	NNE	49.6	8.5	5.6	0.2	0	0	0
23-Jun-10	2200	7.9	356	N	51.2	29.0	14.9	0.2	1	0	0
23-Jun-10	2300	9.6	322	NW	53.2	91.7	31.5	0.1	1	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											
23-Jun-10	2400	8.2	299	WNW	52.8	49.4	18.1	0.1	1	0	0
24-Jun-10	100	7.6	281	W	51.0	21.5	11.4	0	1	0	0
24-Jun-10	200	6.0	223	SW	48.7	11.8	6.1	0	0	0	0
24-Jun-10	300	8.9	266	W	49.6	13.5	4.6	0	0	0	0
24-Jun-10	400	7.6	265	W	48.6	14.1	5.6	0.1	0	0	0
24-Jun-10	500	10.3	244	WSW	49.8	17.0	7.3	0	0	0	0
24-Jun-10	600	13.8	263	W	53.9	10.6	4.8	0	0	0	0
24-Jun-10	700	13.6	265	W	55.5	2.2	1.8	0	0	0	0
24-Jun-10	800	17.9	272	W	54.3	6.8	5.7	0	0	0	0
24-Jun-10	900	19.1	283	WNW	52.8	5.0	4.0	0	0	0	0
24-Jun-10	1000	13.5	301	WNW	52.1	15.3	7.6	0	0	0	0
24-Jun-10	1100	11.9	299	WNW	52.8	22.3	8.6	0	0	0	0
24-Jun-10	1200	11.9	277	W	53.2	6.5	2.0	0	0	0	0
24-Jun-10	1300	10.5	264	W	55.6	6.1	1.1	0	0	0	0
24-Jun-10	1400	10.4	260	W	52.8	5.9	4.3	0	0	0	0
24-Jun-10	1500	10.5	240	WSW	53.6	3.6	2.5	0	0	0	0

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24-Jun-10	1600	9.1	207	SSW	51.8	4.4	0.5	0	0	0	0
24-Jun-10	1700	8.4	268	W	48.3	6.7	0.5	0	0	0	0
24-Jun-10	1800	12.1	285	WNW	47.6	13.1	0.7	0	0	0	0
24-Jun-10	1900	26.8	267	W	54.4	12.8	3.5	0	0	0	0
24-Jun-10	2000	19.8	257	WSW	52.2	5.7	4.6	0	0	0	0
24-Jun-10	2100	17.6	250	WSW	51.2	6.0	5.1	0	0	0	0
24-Jun-10	2200	16.5	255	WSW	52.2	3.9	3.3	0	0	0	0
24-Jun-10	2300	15.5	271	W	51.7	4.4	3.3	0	0	0	0
24-Jun-10	2400	12.3	290	WNW	48.7	18.4	4.5	0	0	0	0
25-Jun-10	100	15.7	273	W	49.7	7.0	2.0	0	0	0	0
25-Jun-10	200	14.5	268	W	49.7	5.4	2.7	0	0	0	0
25-Jun-10	300	13.7	273	W	49.7	4.6	2.1	0	0	0	0
25-Jun-10	400	14.7	270	W	50.5	3.9	2.1	0	0	0	0
25-Jun-10	500	13.9	265	W	50.4	4.6	1.5	0	0	0	0
25-Jun-10	600	11.8	273	W	54.1	2.6	0.9	0	0	0	0
25-Jun-10	700	9.5	338	NNW	55.3	92.2	12.1	0	0	0	0

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25-Jun-10	800	7.5	357	N	55.5	92.4	12.0	0	0	0	0
25-Jun-10	900	5.6	18	NNE	59.0	34.1	8.4	0	0	0	0
25-Jun-10	1000	7.5	125	SE	55.7	25.5	5.6	0	0	0	0
25-Jun-10	1100	9.6	141	SE	55.8	20.1	9.5	0	0	0	0
25-Jun-10	1200	9.4	160	SSE	56.3	21.8	8.3	0	0	0	0
25-Jun-10	1300	12.6	154	SSE	57.8	22.9	4.2	0	0	0	0
25-Jun-10	1400	11.1	164	SSE	57.1	14.1	2.8	0	0	0	0
25-Jun-10	1500	14.2	169	S	56.2	16.5	2.7	0	0	0	0
25-Jun-10	1600	16.5	161	SSE	53.6	6.5	2.1	0	0	0	0
25-Jun-10	1700	20.3	226	SW	53.9	8.0	1.6	0	0	0	0
25-Jun-10	1800	19.2	235	SW	52.1	4.9	1.2	0	0	0	0
25-Jun-10	1900	19.0	249	WSW	49.2	3.0	1.6	0	0	0	0
25-Jun-10	2000	18.2	270	W	50.5	32.3	4.9	0	0	0	0
25-Jun-10	2100	21.0	332	NNW	54.0	59.6	3.2	0	0	0	0
25-Jun-10	2200	13.3	359	N	50.0	24.0	0.8	0	0	0	0
25-Jun-10	2300	9.0	5	N	47.4	7.0	2.3	0	0	0	0

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26-Jun-10	100	11.3	272	W	47.5	17.2	3.8	0	0	0	0
26-Jun-10	200	13.0	313	NW	50.5	38.5	6.3	0	0	0	0
26-Jun-10	300	9.2	253	WSW	54.5	6.1	2.1	0	1	0	0
26-Jun-10	400	8.4	256	WSW	50.3	14.3	8.2	0	1	0	0
26-Jun-10	500	10.9	255	WSW	48.9	5.9	4.8	0	0	0	0
26-Jun-10	600	13.6	270	W	48.7	6.7	3.4	0	0	0	0
26-Jun-10	700	16.4	262	W	53.6	6.1	1.5	0	0	0	0
26-Jun-10	800	14.9	264	W	53.0	2.8	0.9	0	0	0	0
26-Jun-10	900	18.5	265	W	52.0	4.3	1.3	0	0	0	0
26-Jun-10	1000	15.2	286	WNW	51.9	5.3	1.8	0	0	0	0
26-Jun-10	1100	10.4	352	N	53.4	25.7	5.7	0	0	0	0
26-Jun-10	1200	7.3	33	NNE	53.5	12.8	2.9	0	0	0	0
26-Jun-10	1300	8.8	118	ESE	53.7	18.1	4.7	0	0	0	0
26-Jun-10	1400	9.0	248	WSW	52.4	9.9	3.6	0	0	0	0
26-Jun-10	1500	15.8	229	SW	50.8	4.0	1.3	0	0	0	0

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1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
26-Jun-10	1600	12.0	245	WSW	49.3	4.2	0.5	0	0	0	0
26-Jun-10	1700	14.0	241	WSW	48.1	3.5	0.6	0	0	0	0
26-Jun-10	1800	17.7	250	WSW	50.0	3.7	1.2	0	0	0	0
26-Jun-10	1900	16.9	251	WSW	45.6	4.0	1.6	0	0	0	0
26-Jun-10	2000	15.2	257	WSW	45.4	6.8	3.0	0	0	0	0
26-Jun-10	2100	13.7	264	W	46.0	8.3	4.2	0	0	0	0
26-Jun-10	2200	13.8	276	W	47.8	12.3	7.3	0	0	0	0
26-Jun-10	2300	14.2	301	WNW	48.6	7.1	3.0	0	0	0	0
26-Jun-10	2400	14.1	304	NW	47.8	9.2	2.2	0	0	0	0
27-Jun-10	100	15.3	298	WNW	44.4	7.7	4.7	0	0	0	0
27-Jun-10	200	13.1	292	WNW	45.6	4.8	3.8	0	0	0	0
27-Jun-10	300	12.7	280	W	43.6	5.8	3.7	0	0	0	0
27-Jun-10	400	12.6	265	W	44.3	5.6	3.3	0	0	0	0
27-Jun-10	500	13.9	265	W	47.0	9.3	3.1	0	0	0	0
27-Jun-10	600	13.6	269	W	45.7	5.2	2.3	0	0	0	0
27-Jun-10	700	11.6	272	W	45.8	6.1	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 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											
27-Jun-10	800	12.1	284	WNW	45.5	14.7	2.3	0	0	0	0
27-Jun-10	900	9.1	295	WNW	46.9	14.7	3.4	0	0	0	0
27-Jun-10	1000	5.7	289	WNW	49.9	16.0	4.9	0	0	0	0
27-Jun-10	1100	7.3	109	ESE	50.6	10.8	3.1	0	0	0	0
27-Jun-10	1200	8.5	208	SSW	49.7	9.0	0.5	0	0	0	0
27-Jun-10	1300	13.2	160	SSE	51.8	12.5	0.8	0	0	0	0
27-Jun-10	1400	17.1	150	SSE	53.9	13.8	0.9	0	0	0	0
27-Jun-10	1500	16.8	141	SE	52.8	9.9	1.0	0	0	0	0
27-Jun-10	1600	16.1	152	SSE	50.9	10.0	0.6	0	0	0	0
27-Jun-10	1700	16.9	172	S	52.2	13.3	2.2	0	0	0	0
27-Jun-10	1800	10.5	162	SSE	50.1	10.4	3.3	0	0	0	0
27-Jun-10	1900	7.2	154	SSE	47.5	10.5	4.0	0	0	0	0
27-Jun-10	2000	5.5	314	NW	43.4	103.2	1.6	0	0	0	0
27-Jun-10	2100	9.5	288	WNW	47.1	15.4	7.2	0	0	0	0
27-Jun-10	2200	9.0	317	NW	48.1	272.2	49.9	0	0	1	0
27-Jun-10	2300	13.9	303	WNW	46.3	28.0	7.0	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											
27-Jun-10	2400	13.6	306	NW	44.2	35.0	7.2	0	0	0	0
28-Jun-10	100	17.9	275	W	46.3	14.7	4.4	0	0	0	0
28-Jun-10	200	24.4	279	W	50.4	9.4	3.9	0	0	0	0
28-Jun-10	300	20.4	280	W	47.4	2.6	0.7	0	0	0	0
28-Jun-10	400	18.9	279	W	45.5	1.4	0.4	0	0	0	0
28-Jun-10	500	19.1	283	WNW	45.9	1.2	0.7	0	0	0	0
28-Jun-10	600	14.5	265	W	55.4	1.1	0.6	0	0	0	0
28-Jun-10	700	11.6	281	W	52.6	2.2	0.4	0	0	0	0