

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
<p><u>Alarms</u></p> <p>PM2.5 1 Hour Average – 80 ug/m3</p> <p>TSP 1 Hour Average – 267 ug/m3</p> <p>SOUND Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour</p> <p>MST Mountain Standard time is applied to data; when Dalight Saving Time is in effect, it is used for alarm consideration</p> <p>Rainall Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm</p> <p>1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – 50 dba</p> <p>1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – 65 dba</p> <p>1 Hour Average – Weekends (Sun & holidays) Evenings (10:01pm-9:00am) – 50 dba</p> <p>1 Hour Average – Weekends (Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba</p>											
27-Jan-09	800	37.0	254	WSW	63.1	1.0	0.6	0	0	0	0
27-Jan-09	900	34.8	258	WSW	60.4	0.2	0.1	0	0	0	0
27-Jan-09	1000	19.6	255	WSW	48.4	1.0	0.1	0	0	0	0
27-Jan-09	1100	44.9	259	W	64.4	1.6	0.1	0	0	0	0
27-Jan-09	1200	40.2	259	W	64.6	3.9	0.6	0	0	0	0
27-Jan-09	1300	52.4	249	WSW	72.6	2.8	0.6	0	0	0	0
27-Jan-09	1400	49.0	258	WSW	71.3	0.3	0.0	0	0	0	0
27-Jan-09	1500	46.2	265	W	68.0	1.8	1.3	0	0	0	0
27-Jan-09	1600	35.9	257	WSW	60.9	1.3	0.0	0	0	0	0
27-Jan-09	1700	43.6	260	W	65.3	2.4	1.4	0	0	0	0
27-Jan-09	1800	29.3	259	W	54.5	0.5	0.3	0	0	0	0
27-Jan-09	1900	27.7	268	W	54.7	2.1	0.2	0	0	0	0
27-Jan-09	2000	24.1	246	WSW	51.8	1.1	0.2	0	0	0	0
27-Jan-09	2100	22.8	253	WSW	46.2	0.8	0.5	0	0	0	0
27-Jan-09	2200	26.5	251	WSW	51.9	0.8	0.5	0	0	0	0

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<p><u>Alarms</u></p> <p>PM2.5 1 Hour Average – 80 ug/m3</p> <p>TSP 1 Hour Average – 267 ug/m3</p> <p>SOUND Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour</p> <p>MST Mountain Standard time is applied to data; when Dalight Saving Time is in effect, it is used for alarm consideration</p> <p>Rainall Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm</p> <p>1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – 50 dba</p> <p>1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – 65 dba</p> <p>1 Hour Average – Weekends (Sun & holidays) Evenings (10:01pm-9:00am) – 50 dba</p> <p>1 Hour Average – Weekends (Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba</p>											
27-Jan-09	2300	29.3	255	WSW	56.6	1.1	0.5	0	0	0	0
27-Jan-09	2400	27.3	257	WSW	55.4	1.1	0.2	0	0	0	0
28-Jan-09	100	31.0	254	WSW	58.7	1.0	0.6	0	0	0	0
28-Jan-09	200	31.0	264	W	56.1	0.8	0.3	0	0	0	0
28-Jan-09	300	27.5	251	WSW	55.5	0.7	0.5	0	0	0	0
28-Jan-09	400	29.6	255	WSW	49.5	0.0	0.0	0	0	0	0
28-Jan-09	500	23.3	257	WSW	50.4	1.3	0.6	0	0	0	0
28-Jan-09	600	25.5	251	WSW	51.5	0.5	0.1	0	0	0	0
28-Jan-09	700	30.0	263	W	57.6	0.7	0.0	0	0	0	0
28-Jan-09	800	27.7	254	WSW	53.2	0.8	0.2	0	0	0	0
28-Jan-09	900	20.0	249	WSW	52.0	1.6	0.0	0	0	0	0
28-Jan-09	1000	20.9	260	W	49.8	2.4	0.7	0	0	0	0
28-Jan-09	1100	28.9	265	W	52.6	0.7	0.5	0	0	0	0
28-Jan-09	1200	28.8	257	WSW	54.4	0.0	0.0	0	0	0	0
28-Jan-09	1300	28.1	261	W	54.5	0.0	0.0	0	0	0	0

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Hourly Average Data											
28-Jan-09	1400	29.8	267	W	55.8	1.1	0.5	0	0	0	0
28-Jan-09	1500	13.9	9	N	50.9	2.4	0.3	0	0	0	0
28-Jan-09	1600	11.3	17	NNE	52.3	12.7	2.7	0	0	0	0
28-Jan-09	1700	4.8	83	E	53.8	14.3	6.8	0	0	0	0
28-Jan-09	1800	6.1	212	SSW	50.8	12.0	5.9	0	0	0	0
28-Jan-09	1900	18.4	280	W	50.1	0.5	0.2	0	0	0	0
28-Jan-09	2000	16.6	270	W	49.6	0.3	0.2	0	0	0	0
28-Jan-09	2100	14.6	262	W	48.4	0.7	0.0	0	0	0	0
28-Jan-09	2200	16.2	263	W	54.2	1.5	0.1	0	0	0	0
28-Jan-09	2300	14.5	253	WSW	42.9	1.5	0.6	0	0	0	0
28-Jan-09	2400	16.2	256	WSW	39.4	1.0	0.3	0	0	0	0
29-Jan-09	100	14.4	246	WSW	37.8	0.5	0.2	0	0	0	0
29-Jan-09	200	16.6	238	WSW	40.9	0.7	0.5	0	0	0	0
29-Jan-09	300	20.1	253	WSW	40.8	0.3	0.2	0	0	0	0
29-Jan-09	400	19.8	249	WSW	44.3	1.1	0.5	0	0	0	0

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<p>Alarms</p> <p>PM2.5 1 Hour Average – 80 ug/m3</p> <p>TSP 1 Hour Average – 267 ug/m3</p> <p>SOUND Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour</p> <p>MST Mountain Standard time is applied to data; when Dalight Saving Time is in effect, it is used for alarm consideration</p> <p>Rainall Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm</p> <p>1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – 50 dba</p> <p>1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – 65 dba</p> <p>1 Hour Average – Weekends (Sun & holidays) Evenings (10:01pm-9:00am) – 50 dba</p> <p>1 Hour Average – Weekends (Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba</p>											
Hourly Average Data											
29-Jan-09	500	16.0	260	W	39.1	0.0	0.0	0	0	0	0
29-Jan-09	600	14.9	263	W	48.1	0.7	0.0	0	0	0	0
29-Jan-09	700	15.8	264	W	47.9	0.0	0.0	0	0	0	0
29-Jan-09	800	24.7	269	W	56.3	0.8	0.3	0	0	0	0
29-Jan-09	900	36.3	268	W	59.4	1.0	0.1	0	0	0	0
29-Jan-09	1000	22.8	272	W	52.1	1.3	0.3	0	0	0	0
29-Jan-09	1100	28.1	269	W	52.7	0.5	0.0	0	0	0	0
29-Jan-09	1200	24.6	272	W	50.6	1.1	0.1	0	0	0	0
29-Jan-09	1300	30.5	274	W	56.0	1.5	1.0	0	0	0	0
29-Jan-09	1400	29.5	257	WSW	54.6	0.2	0.0	0	0	0	0
29-Jan-09	1500	40.6	266	W	63.0	0.3	0.0	0	0	0	0
29-Jan-09	1600	34.1	264	W	65.0	0.2	0.1	0	0	0	0
29-Jan-09	1700	39.3	259	W	62.5	0.7	0.0	0	0	0	0
29-Jan-09	1800	31.6	262	W	63.1	1.1	0.1	0	0	0	0
29-Jan-09	1900	31.8	265	W	56.7	3.9	0.7	0	0	0	0

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Hourly Average Data											
29-Jan-09	2000	28.4	251	WSW	55.4	2.4	0.6	0	0	0	0
29-Jan-09	2100	29.1	262	W	57.1	4.9	1.3	0	0	0	0
29-Jan-09	2200	27.8	257	WSW	56.5	0.5	0.2	0	0	0	0
29-Jan-09	2300	27.5	246	WSW	50.3	1.0	0.1	0	0	0	0
29-Jan-09	2400	32.7	241	WSW	56.6	2.1	0.1	0	0	0	0
30-Jan-09	100	34.5	250	WSW	56.8	1.0	0.5	0	0	0	0
30-Jan-09	200	36.5	259	W	60.7	1.8	0.1	0	0	0	0
30-Jan-09	300	42.0	255	WSW	67.1	0.5	0.0	0	0	0	0
30-Jan-09	400	32.6	258	WSW	58.6	2.3	0.5	0	0	0	0
30-Jan-09	500	32.2	255	WSW	57.9	0.3	0.0	0	0	0	0
30-Jan-09	600	32.6	240	WSW	56.8	0.8	0.3	0	0	0	0
30-Jan-09	700	40.3	256	WSW	61.2	3.4	0.8	0	0	0	0
30-Jan-09	800	28.0	241	WSW	56.5	0.7	0.3	0	0	0	0
30-Jan-09	900	37.7	242	WSW	60.9	2.3	0.2	0	0	0	0
30-Jan-09	1000	44.4	250	WSW	67.2	5.7	0.5	0	0	0	0

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<p><u>Alarms</u></p> <p>PM2.5 1 Hour Average – 80 ug/m3</p> <p>TSP 1 Hour Average – 267 ug/m3</p> <p>SOUND Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour</p> <p>MST Mountain Standard time is applied to data; when Dalight Saving Time is in effect, it is used for alarm consideration</p> <p>Rainall Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm</p> <p>1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – 50 dba</p> <p>1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – 65 dba</p> <p>1 Hour Average – Weekends (Sun & holidays) Evenings (10:01pm-9:00am) – 50 dba</p> <p>1 Hour Average – Weekends (Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba</p>											
30-Jan-09	1100	39.4	243	WSW	66.4	1.8	0.6	0	0	0	0
30-Jan-09	1200	36.9	238	WSW	64.4	4.7	1.0	0	0	0	0
30-Jan-09	1300	18.2	222	SW	53.2	5.9	1.7	0	0	0	0
30-Jan-09	1400	19.3	199	SSW	51.5	1.8	1.0	0	0	0	0
30-Jan-09	1500	21.1	215	SW	51.5	4.7	0.1	0	0	0	0
30-Jan-09	1600	23.0	169	SSE	57.0	5.9	2.8	0	0	0	0
30-Jan-09	1700	17.0	234	SW	52.0	3.4	1.3	0	0	0	0
30-Jan-09	1800	29.3	231	SW	57.2	2.4	0.2	0	0	0	0
30-Jan-09	1900	30.1	228	SW	53.6	2.0	0.8	0	0	0	0
30-Jan-09	2000	31.1	234	SW	57.8	0.7	0.3	0	0	0	0
30-Jan-09	2100	34.2	239	WSW	59.3	2.1	0.5	0	0	0	0
30-Jan-09	2200	23.7	251	WSW	50.7	1.5	0.2	0	0	0	0
30-Jan-09	2300	25.9	247	WSW	52.1	2.6	0.5	0	0	0	0
30-Jan-09	2400	23.4	270	W	50.5	0.2	0.1	0	0	0	0
31-Jan-09	100	50.5	350	N	74.4	8.9	5.1	3.1	0	0	0

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Hourly Average Data Summary											
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31-Jan-09	300	18.3	343	NNW	45.6	1.1	0.5	0	0	0	0
31-Jan-09	400	13.6	299	WNW	40.4	2.6	2.2	0	0	0	0
31-Jan-09	500	9.7	245	WSW	37.8	0.0	0.0	0	0	0	0
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31-Jan-09	700	14.9	262	W	45.5	6.5	0.5	0	0	0	0
31-Jan-09	800	13.1	263	W	50.5	1.8	0.8	0	0	0	0
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31-Jan-09	1200	19.2	273	W	48.0	0.8	0.2	0	0	0	0
31-Jan-09	1300	20.0	298	WNW	58.2	2.0	0.8	0	0	0	0
31-Jan-09	1400	20.6	298	WNW	49.1	0.8	0.2	0	0	0	0
31-Jan-09	1500	21.9	295	WNW	51.6	1.3	0.9	0	0	0	0
31-Jan-09	1600	22.7	304	NW	50.9	0.5	0.1	0	0	0	0

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01-Feb-09	600	15.4	272	W	38.0	0.8	0.6	0	0	0	0
01-Feb-09	700	12.0	277	W	36.6	0.0	0.0	0	0	0	0

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01-Feb-09	900	13.2	268	W	39.7	6.7	0.2	0	0	0	0
01-Feb-09	1000	11.7	253	WSW	44.9	1.1	0.3	0	0	0	0
01-Feb-09	1100	12.8	256	WSW	45.4	2.1	0.2	0	0	0	0
01-Feb-09	1200	14.7	265	W	42.5	3.9	1.4	0	0	0	0
01-Feb-09	1300	22.1	271	W	50.1	2.4	0.5	0	0	0	0
01-Feb-09	1400	21.1	265	W	47.3	0.3	0.1	0	0	0	0
01-Feb-09	1500	16.7	259	W	44.6	3.3	0.9	0	0	0	0
01-Feb-09	1600	15.7	257	WSW	46.5	2.1	0.7	0	0	0	0
01-Feb-09	1700	18.6	247	WSW	43.5	1.8	0.1	0	0	0	0
01-Feb-09	1800	16.8	233	SW	46.9	7.8	1.4	0	0	0	0
01-Feb-09	1900	17.2	243	WSW	42.9	2.6	0.6	0	0	0	0
01-Feb-09	2000	16.4	227	SW	44.8	2.1	1.3	0	0	0	0
01-Feb-09	2100	21.8	247	WSW	48.8	2.0	0.6	0	0	0	0
01-Feb-09	2200	22.8	261	W	47.6	1.5	0.6	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
<p><u>Alarms</u></p> <p>PM2.5 1 Hour Average – 80 ug/m3</p> <p>TSP 1 Hour Average – 267 ug/m3</p> <p>SOUND Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour</p> <p>MST Mountain Standard time is applied to data; when Dalight Saving Time is in effect, it is used for alarm consideration</p> <p>Rainall Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm</p> <p>1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – 50 dba</p> <p>1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – 65 dba</p> <p>1 Hour Average – Weekends (Sun & holidays) Evenings (10:01pm-9:00am) – 50 dba</p> <p>1 Hour Average – Weekends (Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba</p>											
01-Feb-09	2300	17.5	249	WSW	43.4	1.0	0.2	0	0	0	0
01-Feb-09	2400	18.9	253	WSW	47.5	0.3	0.1	0	0	0	0
02-Feb-09	100	18.7	245	WSW	43.1	0.2	0.0	0	0	0	0
02-Feb-09	200	18.6	231	SW	42.4	0.8	0.6	0	0	0	0
02-Feb-09	300	20.9	230	SW	44.2	1.8	0.3	0	0	0	0
02-Feb-09	400	18.4	237	WSW	41.2	1.1	0.3	0	0	0	0
02-Feb-09	500	18.9	251	WSW	41.2	1.0	0.2	0	0	0	0
02-Feb-09	600	16.4	262	W	47.2	1.0	0.5	0	0	0	0
02-Feb-09	700	17.0	272	W	46.9	1.1	0.9	0	0	0	0
02-Feb-09	800	14.3	262	W	48.2	1.6	0.5	0	0	0	0