

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 Dalight Saving 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 (Sun & holidays) Evenings (10:01pm-9:00am) – 50 dba											
1 Hour Average – Weekends (Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
29-Jun-09	800	19.8	169	S	56.0	19.0	1.7	0	0	0	0
29-Jun-09	900	25.3	169	S	58.2	35.4	6.1	0	0	0	0
29-Jun-09	1000	32.1	171	S	61.4	19.8	7.9	0	0	0	0
29-Jun-09	1100	33.2	176	S	62.5	37.3	4.0	0	0	0	0
29-Jun-09	1200	28.2	161	SSE	61.5	39.0	5.8	0	0	0	0
29-Jun-09	1300	23.1	152	SSE	57.8	17.9	5.3	0	0	0	0
29-Jun-09	1400	27.9	158	SSE	58.9	34.1	2.5	0	0	0	0
29-Jun-09	1500	23.8	152	SSE	58.8	32.6	4.2	0	0	0	0
29-Jun-09	1600	23.5	153	SSE	58.3	24.9	6.3	0	0	0	0
29-Jun-09	1700	26.9	161	SSE	59.6	33.9	4.3	0	0	0	0
29-Jun-09	1800	23.7	159	SSE	57.0	34.1	4.9	0	0	0	0
29-Jun-09	1900	24.1	147	SSE	56.0	17.9	7.1	0	0	0	0
29-Jun-09	2000	17.0	139	SE	48.2	30.5	1.9	0	0	0	0
29-Jun-09	2100	14.6	147	SSE	47.6	22.6	4.3	0	0	0	0
29-Jun-09	2200	22.4	341	NNW	59.3	27.1	7.1	0	0	0	0
29-Jun-09	2300	34.2	3	N	61.4	7.5	1.7	0	0	0	0

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29-Jun-09	2400	27.5	12	NNE	57.4	13.6	2.0	0	0	0	0
30-Jun-09	100	20.8	2	N	48.7	12.1	3.1	0	0	0	0
30-Jun-09	200	16.0	331	NNW	40.8	21.3	6.3	0	0	0	0
30-Jun-09	300	15.0	329	NNW	40.1	20.2	3.0	0	0	0	0
30-Jun-09	400	8.2	314	NW	37.4	22.8	5.5	0	0	0	0
30-Jun-09	500	9.1	330	NNW	48.0	25.4	3.1	0	0	0	0
30-Jun-09	600	13.3	336	NNW	50.9	15.8	4.2	0	0	0	0
30-Jun-09	700	23.6	350	N	52.6	6.8	0.3	0	0	0	0
30-Jun-09	800	25.4	359	N	54.2	7.7	0.2	0	0	0	0
30-Jun-09	900	28.6	5	N	57.4	16.2	2.0	0	0	0	0
30-Jun-09	1000	24.7	30	NNE	59.3	4.0	3.5	0	0	0	0
30-Jun-09	1100	14.8	22	NNE	53.0	20.5	4.8	0	0	0	0
30-Jun-09	1200	13.6	36	NE	51.7	27.7	2.1	0	0	0	0
30-Jun-09	1300	10.2	19	NNE	49.6	20.2	1.2	0	0	0	0
30-Jun-09	1400	9.0	87	E	54.9	30.7	1.7	0	0	0	0
30-Jun-09	1500	12.2	95	E	59.5	29.4	2.1	0	0	0	0

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30-Jun-09	1600	12.4	51	NE	54.5	23.4	3.7	0	0	0	0
30-Jun-09	1700	14.6	49	NE	55.5	26.2	2.1	0	0	0	0
30-Jun-09	1800	20.1	28	NNE	58.8	19.0	3.9	0	0	0	0
30-Jun-09	1900	29.8	14	NNE	61.2	3.0	0.7	1.9	0	0	0
30-Jun-09	2000	25.8	19	NNE	55.3	3.4	0.2	0.2	0	0	0
30-Jun-09	2100	13.4	3	N	49.4	7.9	2.3	1	0	0	0
30-Jun-09	2200	8.8	282	WNW	47.5	11.1	4.3	0	0	0	0
30-Jun-09	2300	12.4	271	W	48.5	11.1	2.3	0	0	0	0
30-Jun-09	2400	12.6	270	W	43.7	6.0	1.3	0	0	0	0
1-Jul-09	100	13.2	276	W	44.4	10.4	2.9	0	0	0	0
1-Jul-09	200	12.1	271	W	45.6	6.2	1.0	0	0	0	0
1-Jul-09	300	11.7	265	W	38.2	7.5	2.3	0	0	0	0
1-Jul-09	400	11.1	263	W	40.0	18.5	6.2	0	0	0	0
1-Jul-09	500	9.3	254	WSW	45.6	15.6	1.3	0	0	0	0
1-Jul-09	600	7.9	238	WSW	52.6	9.8	0.7	0	1	0	0
1-Jul-09	700	7.5	246	WSW	48.5	9.0	1.2	0	0	0	0

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Alarms											
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1-Jul-09	800	7.2	232	SW	50.8	6.4	0.8	0	1	0	0
1-Jul-09	900	9.1	172	S	53.6	5.8	0.2	0	0	0	0
1-Jul-09	1000	13.4	181	S	53.7	3.8	2.5	0	0	0	0
1-Jul-09	1100	16.5	172	S	52.3	12.2	2.3	0	0	0	0
1-Jul-09	1200	17.3	142	SE	53.6	11.5	1.8	0	0	0	0
1-Jul-09	1300	14.8	156	SSE	51.4	12.6	0.9	0	0	0	0
1-Jul-09	1400	14.1	151	SSE	53.4	10.4	0.8	0	0	0	0
1-Jul-09	1500	13.5	143	SE	58.3	16.0	2.1	0	0	0	0
1-Jul-09	1600	16.9	128	SE	53.1	16.0	2.3	0	0	0	0
1-Jul-09	1700	15.4	167	SSE	52.6	9.2	2.8	0	0	0	0
1-Jul-09	1800	19.9	137	SE	52.7	9.2	1.9	0	0	0	0
1-Jul-09	1900	22.6	352	N	54.3	7.7	0.1	0	0	0	0
1-Jul-09	2000	14.8	17	NNE	53.8	3.4	2.2	0	0	0	0
1-Jul-09	2100	11.7	84	E	48.4	5.1	1.1	0	0	0	0
1-Jul-09	2200	5.2	193	SSW	48.5	9.6	3.3	0	0	0	0
1-Jul-09	2300	5.7	234	SW	46.0	12.8	3.4	0	0	0	0

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1-Jul-09	2400	7.0	236	SW	43.4	17.1	3.0	0	0	0	0
2-Jul-09	100	8.7	236	SW	37.6	9.8	5.2	0	0	0	0
2-Jul-09	200	8.9	252	WSW	39.1	13.0	1.7	0	0	0	0
2-Jul-09	300	10.7	227	SW	37.4	15.3	4.2	0	0	0	0
2-Jul-09	400	9.4	212	SSW	38.1	13.0	2.5	0	0	0	0
2-Jul-09	500	7.4	199	SSW	40.6	15.6	2.6	0	0	0	0
2-Jul-09	600	8.2	343	NNW	52.3	13.6	5.8	0	1	0	0
2-Jul-09	700	11.8	348	NNW	52.4	15.1	2.7	0	0	0	0
2-Jul-09	800	6.6	348	NNW	45.7	26.6	10.1	0	0	0	0
2-Jul-09	900	7.7	126	SE	48.2	42.2	2.9	0	0	0	0
2-Jul-09	1000	13.2	156	SSE	51.8	18.5	2.9	0	0	0	0
2-Jul-09	1100	12.5	154	SSE	49.2	15.8	6.6	0	0	0	0
2-Jul-09	1200	16.1	147	SSE	54.5	43.9	4.7	0	0	0	0
2-Jul-09	1300	14.8	143	SE	59.3	19.4	1.0	0	0	0	0
2-Jul-09	1400	23.8	115	ESE	56.5	5.1	0.7	0	0	0	0
2-Jul-09	1500	24.4	127	SE	56.7	10.0	3.4	0	0	0	0

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2-Jul-09	1600	22.6	143	SE	55.5	19.2	1.6	0	0	0	0
2-Jul-09	1700	21.7	146	SE	53.9	11.9	1.6	0	0	0	0
2-Jul-09	1800	15.8	156	SSE	49.3	18.1	3.1	0	0	0	0
2-Jul-09	1900	13.1	132	SE	48.7	19.8	6.0	0	0	0	0
2-Jul-09	2000	8.4	105	ESE	49.8	17.5	7.5	0	0	0	0
2-Jul-09	2100	16.1	10	N	53.7	26.0	0.7	0	0	0	0
2-Jul-09	2200	10.5	8	N	45.9	18.3	1.3	0	0	0	0
2-Jul-09	2300	13.3	1	N	48.2	15.1	4.8	0	0	0	0
2-Jul-09	2400	32.0	352	N	61.2	3.6	2.3	1.7	0	0	0
3-Jul-09	100	29.2	343	NNW	58.5	1.5	0.7	0	0	0	0
3-Jul-09	200	22.2	352	N	50.9	8.3	0.7	0	0	0	0
3-Jul-09	300	17.2	339	NNW	43.1	4.3	0.9	0	0	0	0
3-Jul-09	400	11.6	303	WNW	42.1	6.4	0.6	0	0	0	0
3-Jul-09	500	14.0	316	NW	43.4	6.6	1.3	0	0	0	0
3-Jul-09	600	12.5	328	NNW	48.0	8.7	0.9	0	0	0	0
3-Jul-09	700	11.1	356	N	58.0	6.8	0.9	0	0	0	0

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3-Jul-09	800	13.8	0	N	51.4	5.1	0.3	0	0	0	0
3-Jul-09	900	9.9	13	NNE	47.0	14.5	1.0	0	0	0	0
3-Jul-09	1000	9.4	51	NE	54.3	13.6	1.0	0	0	0	0
3-Jul-09	1100	10.7	49	NE	51.7	14.7	0.4	0	0	0	0
3-Jul-09	1200	8.2	15	NNE	51.1	15.6	2.5	0	0	0	0
3-Jul-09	1300	7.9	351	N	51.3	16.4	1.3	0	0	0	0
3-Jul-09	1400	10.5	64	ENE	52.9	5.3	0.6	0	0	0	0
3-Jul-09	1500	12.2	69	ENE	56.8	10.0	2.5	0	0	0	0
3-Jul-09	1600	11.6	112	ESE	53.5	9.2	2.3	0	0	0	0
3-Jul-09	1700	11.9	96	E	52.2	10.9	1.4	0	0	0	0
3-Jul-09	1800	8.5	90	E	46.6	27.5	2.5	0	0	0	0
3-Jul-09	1900	7.9	119	ESE	49.2	16.6	2.7	0	0	0	0
3-Jul-09	2000	7.9	97	E	47.9	40.5	7.7	0	0	0	0
3-Jul-09	2100	8.0	77	ENE	50.9	16.8	5.1	0	0	0	0
3-Jul-09	2200	7.4	62	ENE	51.8	10.0	2.4	0	1	0	0
3-Jul-09	2300	9.3	84	E	46.8	18.7	2.6	0	0	0	0

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4-Jul-09	100	13.5	126	SE	46.7	30.7	9.5	0	0	0	0
4-Jul-09	200	17.7	138	SE	44.6	12.4	3.9	0	0	0	0
4-Jul-09	300	20.8	142	SE	51.6	12.2	3.5	0	0	0	0
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4-Jul-09	500	17.8	161	SSE	46.8	20.9	2.1	0	0	0	0
4-Jul-09	600	22.8	145	SE	50.5	24.1	1.7	0	0	0	0
4-Jul-09	700	24.8	154	SSE	56.3	15.1	1.1	0	0	0	0
4-Jul-09	800	23.8	154	SSE	57.1	32.6	0.4	0	0	0	0
4-Jul-09	900	21.2	166	SSE	53.7	26.6	3.1	0	0	0	0
4-Jul-09	1000	22.8	164	SSE	56.7	23.4	2.6	0	0	0	0
4-Jul-09	1100	22.8	167	SSE	55.0	33.9	3.9	0	0	0	0
4-Jul-09	1200	23.6	168	SSE	58.4	38.8	4.6	0	0	0	0
4-Jul-09	1300	23.4	159	SSE	55.8	18.7	2.3	0	0	0	0
4-Jul-09	1400	25.9	160	SSE	58.0	28.5	3.8	0	0	0	0
4-Jul-09	1500	32.0	152	SSE	64.7	16.6	1.9	0	0	0	0

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4-Jul-09	1600	24.9	186	S	58.7	29.8	6.2	5.2	0	0	0
4-Jul-09	1700	20.6	170	S	54.2	33.4	2.1	0	0	0	0
4-Jul-09	1800	15.1	78	ENE	51.0	10.4	0.4	0	0	0	0
4-Jul-09	1900	18.5	40	NE	54.0	9.0	1.2	0	0	0	0
4-Jul-09	2000	13.5	18	NNE	51.9	11.5	2.8	1.4	0	0	0
4-Jul-09	2100	12.2	27	NNE	46.5	14.9	0.6	0	0	0	0
4-Jul-09	2200	10.7	340	NNW	52.4	15.6	2.2	0.4	1	0	0
4-Jul-09	2300	7.1	337	NNW	45.0	20.9	1.9	0	0	0	0
4-Jul-09	2400	10.1	271	W	44.9	14.3	1.7	0	0	0	0
5-Jul-09	100	10.1	264	W	38.2	14.7	1.3	0	0	0	0
5-Jul-09	200	9.4	296	WNW	41.3	17.7	2.8	0	0	0	0
5-Jul-09	300	6.5	280	W	37.5	18.5	1.3	0	0	0	0
5-Jul-09	400	6.5	336	NNW	39.1	19.2	5.5	0	0	0	0
5-Jul-09	500	4.5	310	NW	44.3	32.2	5.2	0	0	0	0
5-Jul-09	600	4.6	262	W	44.5	30.5	5.9	0	0	0	0
5-Jul-09	700	10.9	207	SSW	46.2	15.6	1.5	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 Dalight Saving 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 (Sun & holidays) Evenings (10:01pm-9:00am) – 50 dba											
1 Hour Average – Weekends (Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
5-Jul-09	800	5.1	44	NE	48.6	23.0	3.9	0	0	0	0
5-Jul-09	900	7.9	83	E	44.7	28.6	5.8	0	0	0	0
5-Jul-09	1000	8.5	89	E	51.8	35.2	4.0	0	0	0	0
5-Jul-09	1100	17.1	96	E	53.0	10.4	1.3	0.1	0	0	0
5-Jul-09	1200	14.3	153	SSE	52.2	28.6	4.0	0	0	0	0
5-Jul-09	1300	16.0	101	E	50.4	38.3	7.8	0	0	0	0
5-Jul-09	1400	19.2	119	ESE	54.4	13.0	3.2	0	0	0	0
5-Jul-09	1500	17.6	74	ENE	55.8	25.1	4.2	0	0	0	0
5-Jul-09	1600	18.4	113	ESE	52.7	17.3	2.9	0.2	0	0	0
5-Jul-09	1700	21.8	121	ESE	56.5	11.1	1.4	0	0	0	0
5-Jul-09	1800	16.9	113	ESE	50.8	15.1	3.6	0	0	0	0
5-Jul-09	1900	14.5	156	SSE	51.2	28.8	4.1	0	0	0	0
5-Jul-09	2000	14.4	165	SSE	44.7	18.1	3.6	0	0	0	0
5-Jul-09	2100	15.4	198	SSW	47.5	12.8	4.7	0	0	0	0
5-Jul-09	2200	14.7	203	SSW	45.1	28.3	4.2	0	0	0	0
5-Jul-09	2300	15.3	212	SSW	47.1	17.7	4.4	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 Dalight Saving 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 (Sun & holidays) Evenings (10:01pm-9:00am) – 50 dba											
1 Hour Average – Weekends (Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
5-Jul-09	2400	14.5	8	N	44.0	19.8	4.4	0	0	0	0
6-Jul-09	100	7.1	58	ENE	36.5	26.6	4.0	0	0	0	0
6-Jul-09	200	11.9	90	E	37.8	20.9	2.8	0	0	0	0
6-Jul-09	300	10.1	106	ESE	37.5	20.5	4.7	0	0	0	0
6-Jul-09	400	7.3	105	ESE	39.2	21.7	5.2	0	0	0	0
6-Jul-09	500	7.6	116	ESE	42.1	29.8	3.0	0	0	0	0
6-Jul-09	600	6.2	140	SE	53.7	33.9	7.9	0	1	0	0
6-Jul-09	700	11.1	152	SSE	55.1	19.0	2.3	0	0	0	0