

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											
2-Nov-09	900	8.9	247	WSW	53.9	3.6	2.4	0	0	0	0
2-Nov-09	1000	10.1	269	W	52.4	4.7	2.2	0	0	0	0
2-Nov-09	1100	16.0	254	WSW	48.6	2.8	1.2	0	0	0	0
2-Nov-09	1200	13.4	230	SW	50.6	4.9	0.9	0	0	0	0
2-Nov-09	1300	29.1	257	WSW	60.2	13.4	0.5	0	0	0	0
2-Nov-09	1400	38.9	254	WSW	59.1	2.6	0.2	0	0	0	0
2-Nov-09	1500	33.9	261	W	60.5	4.9	1.3	0	0	0	0
2-Nov-09	1600	25.5	241	WSW	56.3	1.3	0.2	0	0	0	0
2-Nov-09	1700	31.7	253	WSW	54.1	7.7	0.4	0	0	0	0
2-Nov-09	1800	21.1	262	W	54.6	1.7	0.2	0	0	0	0
2-Nov-09	1900	24.1	281	W	56.7	3.4	0.6	0	0	0	0
2-Nov-09	2000	27.4	276	W	51.5	1.1	0.6	0	0	0	0
2-Nov-09	2100	21.3	275	W	48.8	1.3	0.7	0	0	0	0
2-Nov-09	2200	23.0	282	WNW	48.6	3.0	2.0	0	0	0	0
2-Nov-09	2300	22.4	288	WNW	50.2	2.1	0.9	0	0	0	0
2-Nov-09	2400	15.0	322	NW	50.0	1.7	1.6	0	0	0	0

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3-Nov-09	100	14.5	293	WNW	44.2	0.9	1.0	0	0	0	0
3-Nov-09	200	13.6	302	WNW	43.0	1.9	0.9	0	0	0	0
3-Nov-09	300	10.4	277	W	41.3	2.3	1.2	0	0	0	0
3-Nov-09	400	14.5	293	WNW	42.1	3.6	1.8	0	0	0	0
3-Nov-09	500	20.0	282	WNW	43.9	5.5	2.0	0	0	0	0
3-Nov-09	600	14.5	278	W	41.9	5.1	2.5	0	0	0	0
3-Nov-09	700	11.4	276	W	50.2	2.8	1.1	0	1	0	0
3-Nov-09	800	13.0	270	W	59.3	3.0	1.7	0	0	0	0
3-Nov-09	900	14.0	252	WSW	50.0	0.9	0.7	0	0	0	0
3-Nov-09	1000	12.7	240	WSW	51.8	3.0	1.2	0	0	0	0
3-Nov-09	1100	14.9	250	WSW	56.1	3.4	0.2	0	0	0	0
3-Nov-09	1200	20.0	259	WSW	51.8	1.3	1.3	0	0	0	0
3-Nov-09	1300	23.0	282	WNW	53.3	9.0	2.5	0	0	0	0
3-Nov-09	1400	13.9	282	WNW	52.0	1.7	0.6	0	0	0	0
3-Nov-09	1500	16.0	248	WSW	58.9	4.3	0.3	0	0	0	0
3-Nov-09	1600	24.1	260	W	53.1	6.8	0.2	0	0	0	0

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3-Nov-09	1700	15.1	249	WSW	46.6	1.3	1.3	0	0	0	0
3-Nov-09	1800	19.5	257	WSW	46.0	9.4	2.4	0	0	0	0
3-Nov-09	1900	14.0	266	W	46.8	1.9	0.7	0	0	0	0
3-Nov-09	2000	18.3	266	W	47.3	1.7	0.6	0	0	0	0
3-Nov-09	2100	15.4	269	W	45.8	1.7	1.0	0	0	0	0
3-Nov-09	2200	17.1	267	W	47.6	1.7	1.2	0	0	0	0
3-Nov-09	2300	18.4	274	W	44.2	0.9	0.2	0	0	0	0
3-Nov-09	2400	14.7	268	W	46.2	7.0	1.1	0	0	0	0
4-Nov-09	100	15.4	265	W	44.8	3.6	1.0	0	0	0	0
4-Nov-09	200	12.0	262	W	44.5	10.2	6.0	0	0	0	0
4-Nov-09	300	9.7	263	W	42.5	1.5	0.8	0	0	0	0
4-Nov-09	400	9.8	253	WSW	42.2	9.2	7.8	0	0	0	0
4-Nov-09	500	9.4	214	SW	40.2	5.3	1.3	0	0	0	0
4-Nov-09	600	6.7	149	SSE	43.2	8.1	2.3	0	0	0	0
4-Nov-09	700	6.1	175	S	50.8	14.5	4.8	0	1	0	0
4-Nov-09	800	6.4	159	SSE	55.4	67.6	9.3	0	0	0	0

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4-Nov-09	900	7.8	171	S	54.2	45.8	18.6	0	0	0	0
4-Nov-09	1000	7.8	178	S	54.7	18.8	8.5	0	0	0	0
4-Nov-09	1100	10.0	170	S	57.3	25.6	10.9	0	0	0	0
4-Nov-09	1200	14.7	166	SSE	53.5	20.0	3.6	0	0	0	0
4-Nov-09	1300	13.9	187	S	53.7	33.7	4.6	0	0	0	0
4-Nov-09	1400	12.7	174	S	55.2	19.2	4.1	0	0	0	0
4-Nov-09	1500	10.7	166	SSE	55.9	21.5	5.6	0	0	0	0
4-Nov-09	1600	12.0	158	SSE	50.1	37.3	9.1	0	0	0	0
4-Nov-09	1700	11.8	181	S	47.3	43.1	7.0	0	0	0	0
4-Nov-09	1800	13.6	188	S	47.2	55.7	5.6	0	0	0	0
4-Nov-09	1900	13.9	185	S	51.0	43.1	2.9	0	0	0	0
4-Nov-09	2000	12.9	208	SSW	50.1	37.7	7.0	0	0	0	0
4-Nov-09	2100	9.4	216	SW	50.3	25.4	4.0	0	0	0	0
4-Nov-09	2200	8.6	250	WSW	52.2	13.4	5.0	0	0	0	0
4-Nov-09	2300	9.5	235	SW	46.7	13.2	7.3	0	0	0	0
4-Nov-09	2400	10.0	236	SW	50.4	16.2	3.3	0	1	0	0

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5-Nov-09	100	9.9	236	SW	48.9	6.0	4.7	0	0	0	0
5-Nov-09	200	14.9	233	SW	49.3	10.5	2.7	0	0	0	0
5-Nov-09	300	14.0	234	SW	45.5	13.0	2.1	0	0	0	0
5-Nov-09	400	10.2	240	WSW	43.0	7.7	1.3	0	0	0	0
5-Nov-09	500	10.8	222	SW	45.4	11.9	2.9	0	0	0	0
5-Nov-09	600	12.4	267	W	46.4	6.6	1.7	0	0	0	0
5-Nov-09	700	10.4	264	W	49.3	5.8	0.9	0	0	0	0
5-Nov-09	800	8.7	212	SSW	52.9	16.4	1.5	0	0	0	0
5-Nov-09	900	13.9	164	SSE	53.5	37.1	4.1	0	0	0	0
5-Nov-09	1000	13.3	152	SSE	53.3	43.5	3.8	0	0	0	0
5-Nov-09	1100	7.7	147	SSE	53.9	29.6	2.9	0	0	0	0
5-Nov-09	1200	10.3	154	SSE	50.1	32.4	1.5	0	0	0	0
5-Nov-09	1300	10.9	178	S	53.8	32.8	5.0	0	0	0	0
5-Nov-09	1400	6.9	198	SSW	55.3	29.8	5.6	0	0	0	0
5-Nov-09	1500	15.2	191	S	56.2	52.0	7.6	0	0	0	0
5-Nov-09	1600	19.8	191	S	52.2	22.4	2.3	0	0	0	0

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5-Nov-09	1700	26.7	207	SSW	59.2	109.9	5.5	0	0	0	0
5-Nov-09	1800	34.3	206	SSW	64.8	41.1	3.4	0	0	0	0
5-Nov-09	1900	29.6	205	SSW	62.3	27.1	3.5	0	0	0	0
5-Nov-09	2000	29.8	202	SSW	60.8	12.8	1.2	0	0	0	0
5-Nov-09	2100	34.1	212	SSW	61.5	25.6	1.7	0	0	0	0
5-Nov-09	2200	41.5	224	SW	62.8	17.3	0.3	0.5	0	0	0
5-Nov-09	2300	20.0	192	SSW	47.9	10.2	1.4	0.6	0	0	0
5-Nov-09	2400	25.4	185	S	57.8	5.3	0.4	0	0	0	0
6-Nov-09	100	23.1	213	SSW	53.5	1.5	1.6	0	0	0	0
6-Nov-09	200	28.8	232	SW	56.3	3.2	1.8	0.2	0	0	0
6-Nov-09	300	32.9	243	WSW	61.8	2.8	0.6	0.7	0	0	0
6-Nov-09	400	21.0	246	WSW	50.7	3.2	0.3	0	0	0	0
6-Nov-09	500	17.8	242	WSW	46.4	2.3	1.4	0	0	0	0
6-Nov-09	600	22.1	239	WSW	50.8	3.2	0.5	0	0	0	0
6-Nov-09	700	15.3	272	W	51.9	0.9	0.2	0	0	0	0
6-Nov-09	800	18.9	241	WSW	55.2	0.6	0.2	0	0	0	0

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6-Nov-09	1300	31.2	250	WSW	55.6	3.2	2.0	0	0	0	0
6-Nov-09	1400	36.9	246	WSW	59.4	6.8	0.3	0	0	0	0
6-Nov-09	1500	34.2	241	WSW	59.6	1.1	0.6	0	0	0	0
6-Nov-09	1600	25.6	246	WSW	55.9	2.6	0.2	0	0	0	0
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6-Nov-09	2100	15.3	228	SW	45.7	2.6	0.2	0	0	0	0
6-Nov-09	2200	22.9	217	SW	52.0	2.8	0.2	0	0	0	0
6-Nov-09	2300	23.1	210	SSW	53.9	1.1	0.4	0	0	0	0
6-Nov-09	2400	26.5	227	SW	53.7	1.9	1.8	0	0	0	0

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7-Nov-09	1700	18.4	231	SW	48.3	2.1	0.8	0	0	0	0
7-Nov-09	1800	13.1	217	SW	43.7	4.7	1.7	0	0	0	0
7-Nov-09	1900	15.3	200	SSW	45.1	4.3	0.8	0	0	0	0
7-Nov-09	2000	16.8	200	SSW	46.4	7.7	0.6	0	0	0	0
7-Nov-09	2100	13.3	214	SW	43.8	1.1	0.9	0	0	0	0
7-Nov-09	2200	15.6	222	SW	45.1	1.7	0.2	0	0	0	0
7-Nov-09	2300	16.2	227	SW	43.3	1.7	0.7	0	0	0	0
7-Nov-09	2400	15.1	213	SSW	43.0	0.9	0.5	0	0	0	0
8-Nov-09	100	10.1	244	WSW	40.5	6.2	0.7	0	0	0	0
8-Nov-09	200	10.0	273	W	39.9	3.8	0.3	0	0	0	0
8-Nov-09	300	15.2	247	WSW	40.5	1.3	0.7	0	0	0	0
8-Nov-09	400	18.6	232	SW	41.5	1.1	0.9	0	0	0	0
8-Nov-09	500	20.9	234	SW	45.4	4.7	0.2	0	0	0	0
8-Nov-09	600	18.1	231	SW	42.1	1.1	0.7	0	0	0	0
8-Nov-09	700	14.8	239	WSW	44.2	1.1	0.2	0	0	0	0
8-Nov-09	800	8.8	314	NW	40.2	2.6	1.1	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											
8-Nov-09	900	6.8	320	NW	44.3	1.3	0.4	0	0	0	0
8-Nov-09	1000	3.1	222	SW	43.1	3.8	1.4	0	0	0	0
8-Nov-09	1100	7.1	357	N	39.0	8.3	1.8	0	0	0	0
8-Nov-09	1200	14.2	252	WSW	50.7	1.5	0.7	0	0	0	0
8-Nov-09	1300	25.2	256	WSW	54.2	1.9	0.2	0	0	0	0
8-Nov-09	1400	24.9	252	WSW	54.0	2.3	0.1	0	0	0	0
8-Nov-09	1500	19.3	266	W	48.2	1.3	0.2	0	0	0	0
8-Nov-09	1600	20.3	245	WSW	43.5	2.3	0.3	0	0	0	0
8-Nov-09	1700	18.4	260	W	48.8	1.3	1.0	0	0	0	0
8-Nov-09	1800	15.0	248	WSW	46.0	1.9	1.4	0	0	0	0
8-Nov-09	1900	14.4	244	WSW	42.3	3.6	1.4	0	0	0	0
8-Nov-09	2000	11.6	244	WSW	43.2	1.5	0.1	0	0	0	0
8-Nov-09	2100	13.9	234	SW	43.3	1.9	0.3	0	0	0	0
8-Nov-09	2200	7.4	186	S	40.6	4.7	3.5	0	0	0	0
8-Nov-09	2300	11.2	217	SW	48.0	2.8	0.3	0	0	0	0
8-Nov-09	2400	7.9	223	SW	42.3	2.8	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 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											
9-Nov-09	100	10.6	211	SSW	41.1	1.1	0.2	0	0	0	0
9-Nov-09	200	19.3	213	SSW	46.3	1.3	0.9	0	0	0	0
9-Nov-09	300	20.6	232	SW	45.9	1.1	0.6	0	0	0	0
9-Nov-09	400	7.9	245	WSW	40.9	1.7	1.1	0	0	0	0
9-Nov-09	500	7.0	174	S	38.5	1.1	0.8	0	0	0	0
9-Nov-09	600	8.5	195	SSW	42.5	1.5	1.0	0	0	0	0
9-Nov-09	700	5.5	203	SSW	50.2	1.1	0.9	0	1	0	0
9-Nov-09	800	9.0	198	SSW	48.6	17.7	6.3	0	0	0	0