

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											
17-Aug-09	800	15.3	266	W	47.9	1.1	0.2	0	0	0	0
17-Aug-09	900	11.6	264	W	48.8	6.2	0.2	0	0	0	0
17-Aug-09	1000	13.4	249	WSW	50.4	6.6	0.4	0	0	0	0
17-Aug-09	1100	12.0	236	SW	47.9	13.6	0.1	0	0	0	0
17-Aug-09	1200	9.6	229	SW	47.2	4.0	0.1	0	0	0	0
17-Aug-09	1300	9.7	220	SW	48.3	11.5	0.4	0	0	0	0
17-Aug-09	1400	7.9	227	SW	51.7	4.3	1.4	0	0	0	0
17-Aug-09	1500	6.1	216	SW	48.4	3.2	0.3	0	0	0	0
17-Aug-09	1600	5.6	177	S	43.4	6.6	0.6	0	0	0	0
17-Aug-09	1700	5.9	180	S	45.6	6.2	0.2	0	0	0	0
17-Aug-09	1800	9.4	185	S	45.0	4.3	0.5	0	0	0	0
17-Aug-09	1900	6.7	207	SSW	45.5	12.4	0.8	0	0	0	0
17-Aug-09	2000	6.7	201	SSW	45.1	13.0	1.7	0	0	0	0
17-Aug-09	2100	8.3	223	SW	44.0	11.1	5.2	0	0	0	0
17-Aug-09	2200	10.4	276	W	47.8	8.5	3.8	0	0	0	0
17-Aug-09	2300	14.6	278	W	40.1	6.8	5.9	0	0	0	0

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17-Aug-09	2400	18.3	274	W	41.6	8.5	9.9	0	0	0	0
18-Aug-09	100	17.1	286	WNW	41.7	3.8	3.1	0	0	0	0
18-Aug-09	200	16.9	275	W	40.5	7.7	3.9	0	0	0	0
18-Aug-09	300	17.0	269	W	41.6	6.6	4.6	0	0	0	0
18-Aug-09	400	17.6	272	W	42.7	12.4	3.7	0	0	0	0
18-Aug-09	500	20.0	265	W	43.2	11.5	1.4	0	0	0	0
18-Aug-09	600	18.8	261	W	49.9	10.2	4.7	0	0	0	0
18-Aug-09	700	19.0	270	W	53.2	11.3	2.4	0	0	0	0
18-Aug-09	800	19.2	274	W	59.1	11.3	0.5	0	0	0	0
18-Aug-09	900	17.4	273	W	54.4	6.0	1.3	0	0	0	0
18-Aug-09	1000	15.7	263	W	55.3	19.6	6.3	0	0	0	0
18-Aug-09	1100	16.1	276	W	58.5	4.7	2.0	0	0	0	0
18-Aug-09	1200	12.4	275	W	57.5	10.2	3.7	0	0	0	0
18-Aug-09	1300	8.9	272	W	53.9	45.8	0.6	0	0	0	0
18-Aug-09	1400	12.2	298	WNW	57.0	14.9	0.5	0	0	0	0
18-Aug-09	1500	17.3	357	N	52.4	11.7	0.4	0.1	0	0	0

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18-Aug-09	1600	20.1	18	NNE	52.6	5.1	0.4	0.2	0	0	0
18-Aug-09	1700	19.4	20	NNE	49.2	8.3	2.4	0	0	0	0
18-Aug-09	1800	16.7	14	NNE	53.4	11.7	5.5	0	0	0	0
18-Aug-09	1900	11.3	57	ENE	45.8	7.9	4.5	0	0	0	0
18-Aug-09	2000	10.9	38	NE	56.8	19.8	10.4	0.2	0	0	0
18-Aug-09	2100	9.4	25	NNE	48.8	23.4	3.2	2.1	0	0	0
18-Aug-09	2200	6.7	321	NW	49.4	11.5	1.3	1.8	0	0	0
18-Aug-09	2300	8.3	247	WSW	50.4	6.2	2.1	1.4	1	0	0
18-Aug-09	2400	11.5	233	SW	44.6	6.6	2.0	0.5	0	0	0
19-Aug-09	100	10.4	236	SW	40.7	3.4	0.8	0	0	0	0
19-Aug-09	200	11.1	252	WSW	40.8	6.6	3.3	0.1	0	0	0
19-Aug-09	300	9.7	251	WSW	40.1	14.3	1.6	0	0	0	0
19-Aug-09	400	8.0	265	W	42.7	4.9	1.9	0	0	0	0
19-Aug-09	500	10.4	278	W	47.9	10.9	2.3	0	0	0	0
19-Aug-09	600	14.7	335	NNW	52.6	13.2	2.6	0	0	0	0
19-Aug-09	700	12.2	336	NNW	55.5	8.7	1.9	0	0	0	0

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19-Aug-09	800	10.5	325	NW	53.1	12.6	1.3	0	0	0	0
19-Aug-09	900	8.6	276	W	49.9	16.2	0.1	0	0	0	0
19-Aug-09	1000	22.1	321	NW	53.7	7.7	1.9	0	0	0	0
19-Aug-09	1100	23.2	349	N	53.0	12.6	1.6	0	0	0	0
19-Aug-09	1200	25.1	2	N	55.7	16.4	2.5	0	0	0	0
19-Aug-09	1300	20.7	350	N	51.6	8.1	1.7	0	0	0	0
19-Aug-09	1400	20.0	355	N	53.5	20.2	0.6	0	0	0	0
19-Aug-09	1500	12.9	3	N	58.7	17.0	2.3	0	0	0	0
19-Aug-09	1600	14.9	7	N	47.6	10.7	2.4	0	0	0	0
19-Aug-09	1700	9.3	36	NE	51.7	14.1	0.2	0	0	0	0
19-Aug-09	1800	8.7	45	NE	44.6	8.7	0.2	0	0	0	0
19-Aug-09	1900	6.4	73	ENE	45.3	14.9	1.9	0	0	0	0
19-Aug-09	2000	6.9	68	ENE	51.1	22.4	5.5	0	0	0	0
19-Aug-09	2100	8.7	80	E	49.7	16.4	7.2	0	0	0	0
19-Aug-09	2200	8.5	96	E	46.6	26.8	6.9	0	0	0	0
19-Aug-09	2300	9.4	101	ESE	48.0	15.1	9.0	0	0	0	0

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19-Aug-09	2400	8.4	122	ESE	46.8	32.2	11.7	0	0	0	0
20-Aug-09	100	9.1	145	SE	41.0	13.9	5.1	0	0	0	0
20-Aug-09	200	14.6	144	SE	41.6	13.0	6.9	0	0	0	0
20-Aug-09	300	11.9	159	SSE	47.7	18.3	8.2	0	0	0	0
20-Aug-09	400	11.0	167	SSE	49.2	20.9	6.4	0	0	0	0
20-Aug-09	500	10.9	172	S	46.6	20.9	4.8	0	0	0	0
20-Aug-09	600	9.4	183	S	53.6	27.7	7.1	0	1	0	0
20-Aug-09	700	10.7	164	SSE	62.8	36.4	8.6	0	0	0	0
20-Aug-09	800	13.0	150	SSE	53.7	40.5	7.5	0	0	0	0
20-Aug-09	900	17.8	136	SE	57.8	30.3	5.1	0	0	0	0
20-Aug-09	1000	22.4	140	SE	54.6	40.7	9.5	0	0	0	0
20-Aug-09	1100	25.3	155	SSE	56.5	17.3	0.0	0	0	0	0
20-Aug-09	1200	31.8	153	SSE	64.5	16.0	1.1	0	0	0	0
20-Aug-09	1300	29.3	152	SSE	61.7	19.2	5.1	0	0	0	0
20-Aug-09	1400	37.6	139	SE	64.5	19.0	8.4	0	0	0	0
20-Aug-09	1500	24.3	142	SE	56.8	14.5	9.5	0	0	0	0

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20-Aug-09	1600	36.5	150	SSE	62.7	25.1	4.4	0	0	0	0
20-Aug-09	1700	28.6	144	SE	56.6	16.4	0.9	0	0	0	0
20-Aug-09	1800	29.0	141	SE	56.1	6.2	0.5	0	0	0	0
20-Aug-09	1900	28.5	145	SE	56.7	29.4	1.8	0	0	0	0
20-Aug-09	2000	25.8	156	SSE	57.9	20.5	4.4	0	0	0	0
20-Aug-09	2100	23.6	148	SSE	58.0	13.6	10.3	0	0	0	0
20-Aug-09	2200	31.2	160	SSE	64.3	8.7	4.1	0	0	0	0
20-Aug-09	2300	27.3	163	SSE	57.3	10.7	5.3	0	0	0	0
20-Aug-09	2400	28.9	172	S	60.0	13.2	6.7	0	0	0	0
21-Aug-09	100	22.9	164	SSE	52.7	17.3	6.2	0	0	0	0
21-Aug-09	200	16.5	170	S	45.6	16.6	4.0	0	0	0	0
21-Aug-09	300	16.5	183	S	47.5	16.6	8.9	0	0	0	0
21-Aug-09	400	17.6	192	SSW	47.0	27.7	7.1	0	0	0	0
21-Aug-09	500	13.2	201	SSW	48.2	25.6	6.1	0	0	0	0
21-Aug-09	600	14.1	199	SSW	51.2	26.4	10.6	0	0	0	0
21-Aug-09	700	17.2	208	SSW	53.5	32.4	8.2	0	0	0	0

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21-Aug-09	900	14.3	334	NNW	53.2	56.5	7.8	0	0	0	0
21-Aug-09	1000	15.6	358	N	53.2	47.9	3.8	0	0	0	0
21-Aug-09	1100	13.9	19	NNE	50.5	36.0	2.4	0	0	0	0
21-Aug-09	1200	7.3	11	N	54.3	36.4	6.7	0	0	0	0
21-Aug-09	1300	7.5	23	NNE	50.3	61.1	1.4	0	0	0	0
21-Aug-09	1400	8.8	98	E	54.0	67.3	13.6	0	0	0	0
21-Aug-09	1500	11.2	140	SE	50.9	46.7	4.0	0	0	0	0
21-Aug-09	1600	9.4	148	SSE	53.0	20.9	2.0	0	0	0	0
21-Aug-09	1700	12.8	196	SSW	50.0	16.6	0.9	0	0	0	0
21-Aug-09	1800	8.8	246	WSW	41.8	20.7	1.7	0	0	0	0
21-Aug-09	1900	8.7	267	W	46.8	28.5	6.3	0	0	0	0
21-Aug-09	2000	10.7	259	W	46.2	38.5	8.4	0	0	0	0
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22-Aug-09	600	22.1	334	NNW	50.5	9.4	9.4	0	0	0	0
22-Aug-09	700	15.8	301	WNW	50.5	26.6	14.7	0	0	0	0
22-Aug-09	800	12.2	288	WNW	50.5	49.0	10.5	0	0	0	0
22-Aug-09	900	9.2	333	NNW	53.7	48.4	21.5	0	0	0	0
22-Aug-09	1000	7.1	55	NE	54.3	47.7	16.1	0	0	0	0
22-Aug-09	1100	10.2	92	E	48.2	46.9	23.0	0	0	0	0
22-Aug-09	1200	11.2	115	ESE	52.2	64.3	11.6	0	0	0	0
22-Aug-09	1300	11.6	162	SSE	48.1	70.3	6.1	0	0	0	0
22-Aug-09	1400	12.5	153	SSE	49.9	67.5	4.0	0	0	0	0
22-Aug-09	1500	20.3	140	SE	48.5	32.8	2.2	0	0	0	0

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22-Aug-09	1600	19.7	139	SE	48.9	40.1	2.1	0	0	0	0
22-Aug-09	1700	17.7	152	SSE	52.7	46.0	2.1	0	0	0	0
22-Aug-09	1800	16.8	134	SE	46.5	45.4	3.0	0	0	0	0
22-Aug-09	1900	13.8	119	ESE	43.8	43.7	7.1	0	0	0	0
22-Aug-09	2000	13.0	92	E	42.6	47.5	19.2	0	0	0	0
22-Aug-09	2100	16.1	101	E	49.3	64.3	23.0	0	0	0	0
22-Aug-09	2200	12.6	117	ESE	43.8	53.0	24.1	0	0	0	0
22-Aug-09	2300	4.8	111	ESE	43.9	85.6	19.7	0	0	0	0
22-Aug-09	2400	4.1	127	SE	41.5	71.8	22.4	0	0	0	0
23-Aug-09	100	6.2	157	SSE	40.7	81.8	25.4	0	0	0	0
23-Aug-09	200	6.6	202	SSW	40.3	77.3	25.1	0	0	0	0
23-Aug-09	300	11.5	257	WSW	40.3	67.1	28.5	0	0	0	0
23-Aug-09	400	15.6	266	W	40.5	46.2	28.7	0	0	0	0
23-Aug-09	500	14.0	274	W	42.2	28.6	12.7	0	0	0	0
23-Aug-09	600	26.4	325	NW	53.3	10.7	6.6	0	0	0	0
23-Aug-09	700	23.1	326	NW	51.2	25.6	11.7	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											
23-Aug-09	800	22.5	329	NNW	51.7	41.3	12.0	0	0	0	0
23-Aug-09	900	16.3	333	NNW	49.6	61.8	8.6	0	0	0	0
23-Aug-09	1000	15.4	321	NW	50.2	73.7	9.1	0	0	0	0
23-Aug-09	1100	7.9	342	NNW	45.1	98.9	19.4	0	0	0	0
23-Aug-09	1200	6.1	341	NNW	45.1	68.8	7.9	0	0	0	0
23-Aug-09	1300	8.3	226	SW	43.3	51.8	5.3	0	0	0	0
23-Aug-09	1400	8.2	144	SE	43.8	34.7	5.5	0	0	0	0
23-Aug-09	1500	8.0	163	SSE	43.2	42.2	2.5	0	0	0	0
23-Aug-09	1600	34.2	359	N	63.7	66.9	0.4	0	0	0	0
23-Aug-09	1700	40.0	7	N	64.3	66.3	10.5	0	0	0	0
23-Aug-09	1800	41.4	346	NNW	64.2	28.8	13.9	0	0	0	0
23-Aug-09	1900	30.5	343	NNW	58.3	9.6	8.8	0	0	0	0
23-Aug-09	2000	21.1	336	NNW	47.1	21.5	14.4	0	0	0	0
23-Aug-09	2100	21.3	331	NNW	45.5	14.5	9.8	0	0	0	0
23-Aug-09	2200	22.4	327	NNW	47.2	7.7	7.7	0	0	0	0
23-Aug-09	2300	19.8	342	NNW	48.2	9.0	1.7	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											
23-Aug-09	2400	8.2	288	WNW	47.9	20.5	4.0	0	0	0	0
24-Aug-09	100	8.5	250	WSW	50.1	17.7	6.0	0	1	0	0
24-Aug-09	200	10.4	259	W	49.0	16.8	12.8	0	0	0	0
24-Aug-09	300	7.9	225	SW	40.2	14.3	6.3	0	0	0	0
24-Aug-09	400	7.9	213	SSW	43.7	17.5	6.1	0	0	0	0
24-Aug-09	500	9.8	212	SSW	43.8	22.4	24.0	0	0	0	0
24-Aug-09	600	9.3	208	SSW	50.7	43.3	12.8	0	1	0	0
24-Aug-09	700	12.0	209	SSW	51.2	27.9	5.6	0	0	0	0