



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>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>Rainfall 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>											
18-Aug-08	800	10.6	273	W	63.0	44.6	8.3	0	0	0	0
18-Aug-08	900	4.5	264	W	56.0	50.7	7.1	0	0	0	0
18-Aug-08	1000	10.5	229	SW	63.4	63.0	9.5	0	0	0	0
18-Aug-08	1100	9.9	217	SW	63.0	58.4	2.8	0	0	0	0
18-Aug-08	1200	11.6	199	SSW	61.1	53.8	0.3	0	0	0	0
18-Aug-08	1300	10.9	178	S	63.0	61.5	0.0	0	0	0	0
18-Aug-08	1400	18.1	162	SSE	63.9	52.3	1.8	0	0	0	0
18-Aug-08	1500	19.1	161	SSE	62.8	35.4	2.5	0	0	0	0
18-Aug-08	1600	15.3	169	S	61.8	46.1	4.9	0	0	0	0
18-Aug-08	1700	21.8	174	S	62.5	56.9	9.8	0	0	0	0
18-Aug-08	1800	21.3	156	SSE	64.8	46.1	9.2	0	0	0	0
18-Aug-08	1900	17.2	152	SSE	59.5	30.8	6.2	0	0	0	0



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18-Aug-08	2000	17.9	169	SSE	57.2	29.2	6.5	0	0	0	0
18-Aug-08	2100	11.8	175	S	47.4	27.7	7.4	0	0	0	0
18-Aug-08	2200	10.5	182	S	46.3	35.4	6.8	0	0	0	0
18-Aug-08	2300	8.6	202	SSW	41.8	41.5	8.3	0	0	0	0
18-Aug-08	2400	3.7	191	S	41.4	61.5	10.8	0	0	0	0
19-Aug-08	100	3.5	244	WSW	44.1	52.3	9.5	0	0	0	0
19-Aug-08	200	9.1	5	N	47.0	50.7	9.5	0	0	0	0
19-Aug-08	300	2.9	30	NNE	44.7	58.4	10.5	0	0	0	0
19-Aug-08	400	13.2	346	NNW	53.7	55.4	23.1	0	0	0	0
19-Aug-08	500	23.0	325	NW	66.7	60.0	47.4	0	0	0	0
19-Aug-08	600	17.6	345	NNW	64.2	55.4	14.8	0	0	0	0
19-Aug-08	700	14.8	355	N	64.7	75.3	11.7	0	0	0	0
19-Aug-08	800	17.5	359	N	67.2	104.6	13.5	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>Rainfall 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>											
19-Aug-08	900	19.5	355	N	65.3	103.0	11.4	0	0	0	0
19-Aug-08	1000	11.6	2	N	65.2	104.6	9.5	0	0	0	0
19-Aug-08	1100	5.0	181	S	62.8	75.3	8.0	0	0	0	0
19-Aug-08	1200	8.0	205	SSW	53.9	76.9	11.1	0	0	0	0
19-Aug-08	1300	14.6	178	S	58.3	76.9	10.5	0	0	0	0
19-Aug-08	1400	13.2	159	SSE	62.1	76.9	6.8	0	0	0	0
19-Aug-08	1500	13.9	191	S	63.5	58.4	4.6	0	0	0	0
19-Aug-08	1600	11.6	188	S	58.5	63.0	6.2	0	0	0	0
19-Aug-08	1700	12.0	164	SSE	59.5	55.4	4.3	0	0	0	0
19-Aug-08	1800	11.2	173	S	59.1	50.7	7.7	0	0	0	0
19-Aug-08	1900	14.3	326	NW	56.1	95.3	20.0	0	0	0	0
19-Aug-08	2000	15.3	330	NNW	59.0	40.0	10.1	0	0	0	0
19-Aug-08	2100	17.9	336	NNW	51.6	21.5	6.5	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>Rainfall 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>											
19-Aug-08	2200	18.2	303	WNW	60.9	7.7	2.2	0	0	0	0
19-Aug-08	2300	12.5	289	WNW	55.0	7.7	0.0	0	0	0	0
19-Aug-08	2400	17.5	302	WNW	62.1	6.2	0.0	0	0	0	0
20-Aug-08	100	13.8	329	NNW	55.9	0.0	0.0	0	0	0	0
20-Aug-08	200	10.5	316	NW	43.9	1.5	1.2	0	0	0	0
20-Aug-08	300	8.0	344	NNW	44.7	4.6	4.9	0	0	0	0
20-Aug-08	400	10.0	347	NNW	41.1	10.8	1.8	0	0	0	0
20-Aug-08	500	8.6	337	NNW	43.0	12.3	0.9	0	0	0	0
20-Aug-08	600	6.4	291	WNW	59.0	13.8	4.0	0	1	0	0
20-Aug-08	700	3.5	203	SSW	63.2	55.4	6.8	0	0	0	0
20-Aug-08	800	6.7	200	SSW	62.9	38.4	3.4	0	0	0	0
20-Aug-08	900	8.8	193	SSW	62.0	52.3	5.8	0	0	0	0
20-Aug-08	1000	13.3	178	S	56.8	35.4	4.0	0	0	0	0



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20-Aug-08	1100	11.3	199	SSW	59.9	40.0	4.9	0	0	0	0
20-Aug-08	1200	10.9	218	SW	59.3	27.7	1.5	0	0	0	0
20-Aug-08	1300	10.7	213	SSW	61.5	24.6	1.5	0	0	0	0
20-Aug-08	1400	9.1	232	SW	62.7	21.5	1.5	0	0	0	0
20-Aug-08	1500	3.5	228	SW	61.4	12.3	0.6	0	0	0	0
20-Aug-08	1600	4.1	173	S	62.5	6.2	0.3	0	0	0	0
20-Aug-08	1700	13.4	297	WNW	65.8	1.5	0.0	0	0	0	0
20-Aug-08	1800	10.8	266	W	61.6	0.0	0.0	0	0	0	0
20-Aug-08	1900	12.2	256	WSW	58.3	0.0	0.0	0	0	0	0
20-Aug-08	2000	8.1	265	W	44.6	0.0	0.0	0	0	0	0
20-Aug-08	2100	11.9	272	W	49.9	0.0	0.0	0	0	0	0
20-Aug-08	2200	12.7	266	W	56.6	0.0	0.0	0	0	0	0
20-Aug-08	2300	11.3	292	WNW	52.8	0.0	1.5	0	1	0	0



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20-Aug-08	2400	8.6	325	NW	41.5	0.0	0.0	0	0	0	0
21-Aug-08	100	14.6	355	N	47.7	52.3	9.8	0	0	0	0
21-Aug-08	200	9.7	3	N	42.8	92.3	14.5	0	0	0	0
21-Aug-08	300	6.6	355	N	39.3	119.9	18.8	0	0	0	0
21-Aug-08	400	3.0	46	NE	41.6	158.4	22.8	0	0	0	0
21-Aug-08	500	4.9	7	N	42.2	187.6	26.4	0	0	0	0
21-Aug-08	600	3.4	259	W	59.3	193.7	26.8	0	1	0	0
21-Aug-08	700	5.3	262	W	64.2	184.5	24.3	0	0	0	0
21-Aug-08	800	6.7	290	WNW	61.3	90.7	7.4	0.1	0	0	0
21-Aug-08	900	1.8	296	WNW	57.0	10.8	0.0	0	0	0	0
21-Aug-08	1000	9.6	360	N	63.9	7.7	5.5	0	0	0	0
21-Aug-08	1100	14.6	333	NNW	63.6	0.0	0.0	0	0	0	0
21-Aug-08	1200	17.5	351	N	61.6	10.8	2.2	0	0	0	0



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21-Aug-08	1300	20.3	1	N	65.5	4.6	0.0	0.6	0	0	0
21-Aug-08	1400	24.1	347	NNW	62.4	1.5	0.0	0	0	0	0
21-Aug-08	1500	26.6	351	N	68.5	0.0	0.0	1.4	0	0	0
21-Aug-08	1600	17.9	335	NNW	58.6	0.0	0.6	1	0	0	0
21-Aug-08	1700	23.6	351	N	62.5	0.0	0.0	0.8	0	0	0
21-Aug-08	1800	27.9	338	NNW	69.3	0.0	0.0	1.4	0	0	0
21-Aug-08	1900	24.8	349	N	64.1	0.0	0.0	1.3	0	0	0
21-Aug-08	2000	26.2	3	N	66.0	0.0	0.6	1.2	0	0	0
21-Aug-08	2100	22.6	349	N	62.3	0.0	0.0	1.2	0	0	0
21-Aug-08	2200	28.6	352	N	67.1	0.0	0.0	0.5	0	0	0
21-Aug-08	2300	24.5	7	N	62.5	0.0	0.0	0.3	0	0	0
21-Aug-08	2400	20.3	1	N	54.4	4.6	2.2	0.6	0	0	0
22-Aug-08	100	16.2	19	NNE	50.5	4.6	7.7	0.1	0	0	0



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22-Aug-08	300	13.5	0	N	45.2	13.8	0.3	0	0	0	0
22-Aug-08	400	10.7	359	N	44.9	9.2	0.3	0	0	0	0
22-Aug-08	500	10.9	16	NNE	43.5	6.2	0.6	0	0	0	0
22-Aug-08	600	11.5	11	NNE	53.1	13.8	1.5	0	1	0	0
22-Aug-08	700	8.3	12	NNE	62.4	23.1	2.8	0	0	0	0
22-Aug-08	800	7.8	2	N	63.6	16.9	2.2	0	0	0	0
22-Aug-08	900	7.6	328	NNW	63.1	7.7	0.3	0	0	0	0
22-Aug-08	1000	6.3	280	W	58.4	6.2	0.3	0	0	0	0
22-Aug-08	1100	6.8	245	WSW	62.7	7.7	0.9	0	0	0	0
22-Aug-08	1200	8.5	217	SW	60.6	7.7	1.5	0	0	0	0
22-Aug-08	1300	4.8	176	S	61.6	6.2	0.3	0	0	0	0
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22-Aug-08	1500	8.3	170	S	58.4	6.2	0.0	0	0	0	0
22-Aug-08	1600	11.6	166	SSE	60.9	4.6	0.3	0	0	0	0
22-Aug-08	1700	11.2	172	S	57.3	6.2	0.3	0	0	0	0
22-Aug-08	1800	9.6	163	SSE	60.0	6.2	2.2	0	0	0	0
22-Aug-08	1900	7.2	171	S	54.3	6.2	1.8	0	0	0	0
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22-Aug-08	2400	9.6	191	S	44.9	26.1	5.5	0	0	0	0
23-Aug-08	100	10.2	204	SSW	46.9	35.4	5.8	0	0	0	0
23-Aug-08	200	7.5	223	SW	40.4	38.4	6.2	0	0	0	0
23-Aug-08	300	8.1	270	W	47.9	41.5	5.5	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>Rainfall 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>											
23-Aug-08	400	11.1	296	WNW	45.3	12.3	0.6	0	0	0	0
23-Aug-08	500	11.6	298	WNW	52.2	3.1	1.2	0	1	0	0
23-Aug-08	600	10.5	296	WNW	59.5	0.0	0.0	0	1	0	0
23-Aug-08	700	11.8	308	NW	57.6	0.0	0.0	0	0	0	0
23-Aug-08	800	11.2	309	NW	59.6	0.0	0.0	0	0	0	0
23-Aug-08	900	11.1	307	NW	58.1	0.0	0.0	0	0	0	0
23-Aug-08	1000	6.0	283	WNW	67.0	0.0	0.0	0	1	0	0
23-Aug-08	1100	3.4	219	SW	48.4	1.5	0.0	0	0	0	0
23-Aug-08	1200	5.3	250	WSW	61.9	0.0	0.0	0	0	0	0
23-Aug-08	1300	7.9	222	SW	53.9	0.0	0.0	0	0	0	0
23-Aug-08	1400	7.2	197	SSW	60.6	0.0	0.0	0	0	0	0
23-Aug-08	1500	8.0	191	S	48.6	0.0	0.0	0	0	0	0
23-Aug-08	1600	11.2	171	S	57.3	0.0	0.0	0	0	0	0



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23-Aug-08	1700	16.2	178	S	49.6	0.0	0.0	0	0	0	0
23-Aug-08	1800	14.0	190	S	52.1	0.0	0.0	0	0	0	0
23-Aug-08	1900	9.5	182	S	47.9	0.0	0.0	0	0	0	0
23-Aug-08	2000	7.9	175	S	46.1	0.0	1.5	0	0	0	0
23-Aug-08	2100	7.9	166	SSE	46.9	7.7	6.5	0	0	0	0
23-Aug-08	2200	10.0	188	S	46.5	15.4	7.1	0	0	0	0
23-Aug-08	2300	10.1	194	SSW	47.0	10.8	4.3	0	0	0	0
23-Aug-08	2400	8.2	214	SSW	45.5	16.9	4.9	0	0	0	0
24-Aug-08	100	4.1	231	SW	46.0	13.8	3.4	0	0	0	0
24-Aug-08	200	5.7	240	WSW	48.7	7.7	2.5	0	0	0	0
24-Aug-08	300	7.3	267	W	44.4	6.2	0.0	0	0	0	0
24-Aug-08	400	5.8	245	WSW	40.2	6.2	0.9	0	0	0	0
24-Aug-08	500	5.8	238	WSW	45.3	6.2	2.5	0	0	0	0



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24-Aug-08	600	5.3	268	W	47.2	6.2	4.0	0	0	0	0
24-Aug-08	700	6.6	264	W	47.9	7.7	0.0	0	0	0	0
24-Aug-08	800	3.6	279	W	56.4	6.2	0.0	0	1	0	0
24-Aug-08	900	5.8	321	NW	57.8	29.2	2.5	0	0	0	0
24-Aug-08	1000	3.6	216	SW	48.3	10.8	0.0	0	0	0	0
24-Aug-08	1100	6.4	228	SW	60.5	3.1	0.0	0	0	0	0
24-Aug-08	1200	8.6	185	S	48.5	4.6	0.0	0	0	0	0
24-Aug-08	1300	9.2	198	SSW	60.5	4.6	0.0	0	0	0	0
24-Aug-08	1400	9.5	194	SSW	49.0	4.6	0.0	0	0	0	0
24-Aug-08	1500	9.1	204	SSW	49.2	3.1	0.0	0	0	0	0
24-Aug-08	1600	8.6	198	SSW	61.2	9.2	1.5	0	0	0	0
24-Aug-08	1700	7.5	185	S	47.4	7.7	1.5	0	0	0	0
24-Aug-08	1800	8.3	176	S	45.4	9.2	2.5	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>Rainfall 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>											
24-Aug-08	1900	7.8	167	SSE	45.6	12.3	3.7	0	0	0	0
24-Aug-08	2000	5.0	189	S	46.5	15.4	3.1	0	0	0	0
24-Aug-08	2100	4.9	206	SSW	43.5	18.5	4.6	0	0	0	0
24-Aug-08	2200	8.8	217	SW	41.4	13.8	3.4	0	0	0	0
24-Aug-08	2300	7.4	235	SW	41.6	12.3	1.8	0	0	0	0
24-Aug-08	2400	8.3	226	SW	40.1	6.2	2.2	0	0	0	0
25-Aug-08	100	8.6	236	SW	43.3	6.2	1.2	0	0	0	0
25-Aug-08	200	8.6	243	WSW	44.3	3.1	0.9	0	0	0	0
25-Aug-08	300	9.7	215	SW	38.7	1.5	4.3	0	0	0	0
25-Aug-08	400	7.9	200	SSW	39.0	4.6	2.2	0	0	0	0
25-Aug-08	500	9.3	215	SW	44.5	6.2	1.8	0	0	0	0
25-Aug-08	600	6.4	240	WSW	60.7	6.2	0.3	0	1	0	0
25-Aug-08	700	8.8	245	WSW	61.6	12.3	4.6	0	0	0	0