

## 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
<b>Alarms</b>											
<b>PM2.5</b>						1 Hour Average – <b>80 ug/m3</b>					
<b>TSP</b>						1 Hour Average – <b>267 ug/m3</b>					
<b>SOUND</b> Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour											
<b>MST</b> Mountain Standard time is applied to data; when Dalight Saving Time is in effect, it is used for alarm consideration											
<b>Rainfall</b> 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) – <b>50 dba</b>											
1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – <b>65 dba</b>											
1 Hour Average – Weekends (Sun & holidays) Evenings (10:01pm-9:00am) – <b>50 dba</b>											
1 Hour Average – Weekends (Sun & holidays) Daytime (9:01am-10:00pm) – <b>65 dba</b>											
20-Jul-09	800	16.1	318	NW	54.4	2.8	0.8	0	0	0	0
20-Jul-09	900	18.5	328	NNW	52.5	26.0	3.7	0	0	0	0
20-Jul-09	1000	9.2	321	NW	53.7	9.8	0.2	0	0	0	0
20-Jul-09	1100	11.3	320	NW	53.2	21.3	7.9	0	0	0	0
20-Jul-09	1200	7.8	345	NNW	52.5	10.7	0.5	0	0	0	0
20-Jul-09	1300	9.5	329	NNW	56.4	9.2	0.4	0	0	0	0
20-Jul-09	1400	14.7	353	N	52.7	31.3	0.5	0	0	0	0
20-Jul-09	1500	8.7	25	NNE	55.7	8.3	0.5	0	0	0	0
20-Jul-09	1600	15.2	1	N	52.9	6.4	0.3	0	0	0	0
20-Jul-09	1700	13.9	19	NNE	47.7	19.6	0.3	0	0	0	0
20-Jul-09	1800	11.5	33	NNE	47.2	15.6	0.3	0	0	0	0
20-Jul-09	1900	8.6	61	ENE	49.1	7.2	0.3	0	0	0	0
20-Jul-09	2000	9.0	66	ENE	45.6	8.1	1.6	0	0	0	0
20-Jul-09	2100	6.8	81	E	46.2	13.2	10.6	0	0	0	0
20-Jul-09	2200	7.1	78	ENE	45.4	13.2	14.9	0	0	0	0
20-Jul-09	2300	7.5	119	ESE	46.0	20.2	18.6	0	0	0	0

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<b>Alarms</b>											
<b>PM2.5</b>					1 Hour Average – <b>80 ug/m3</b>						
<b>TSP</b>					1 Hour Average – <b>267 ug/m3</b>						
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1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – <b>50 dba</b>											
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20-Jul-09	2400	8.4	148	SSE	44.9	15.6	13.1	0	0	0	0
21-Jul-09	100	8.6	161	SSE	44.5	19.2	13.1	0	0	0	0
21-Jul-09	200	9.8	188	S	42.1	22.2	8.1	0	0	0	0
21-Jul-09	300	12.7	192	SSW	41.5	17.7	5.8	0	0	0	0
21-Jul-09	400	14.6	200	SSW	44.3	10.7	4.0	0	0	0	0
21-Jul-09	500	11.1	197	SSW	44.1	14.7	5.8	0	0	0	0
21-Jul-09	600	11.7	213	SSW	53.6	13.4	7.4	0	0	0	0
21-Jul-09	700	7.8	201	SSW	54.1	33.0	6.4	0	0	0	0
21-Jul-09	800	8.6	181	S	54.5	18.3	2.9	0	0	0	0
21-Jul-09	900	8.6	176	S	54.4	17.3	3.4	0	0	0	0
21-Jul-09	1000	10.7	194	SSW	55.5	14.5	5.4	0	0	0	0
21-Jul-09	1100	7.9	187	S	50.8	41.8	4.8	0	0	0	0
21-Jul-09	1200	12.5	144	SE	52.8	27.9	2.7	0	0	0	0
21-Jul-09	1300	11.9	132	SE	57.4	14.1	0.3	0	0	0	0
21-Jul-09	1400	8.9	131	SE	53.3	27.7	0.2	0	0	0	0
21-Jul-09	1500	9.4	235	SW	50.6	31.3	0.1	0	0	0	0

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1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – <b>65 dba</b>											
1 Hour Average – Weekends (Sun & holidays) Evenings (10:01pm-9:00am) – <b>50 dba</b>											
1 Hour Average – Weekends (Sun & holidays) Daytime (9:01am-10:00pm) – <b>65 dba</b>											
21-Jul-09	1600	12.8	120	ESE	51.8	19.0	0.4	0	0	0	0
21-Jul-09	1700	20.6	131	SE	53.8	30.9	0.5	0	0	0	0
21-Jul-09	1800	16.8	129	SE	46.9	12.4	0.2	0	0	0	0
21-Jul-09	1900	20.1	130	SE	46.8	11.7	0.6	0	0	0	0
21-Jul-09	2000	13.5	129	SE	42.5	23.0	5.5	0	0	0	0
21-Jul-09	2100	10.6	136	SE	45.2	21.9	6.3	0	0	0	0
21-Jul-09	2200	10.4	129	SE	43.3	24.7	9.6	0	0	0	0
21-Jul-09	2300	11.1	154	SSE	42.2	49.0	15.7	0	0	0	0
21-Jul-09	2400	11.0	167	SSE	39.7	35.4	15.9	0	0	0	0
22-Jul-09	100	15.3	184	S	43.3	21.9	9.8	0	0	0	0
22-Jul-09	200	9.4	184	S	40.1	44.3	13.2	0	0	0	0
22-Jul-09	300	13.9	215	SW	40.9	18.5	14.9	0	0	0	0
22-Jul-09	400	14.4	229	SW	42.0	28.3	21.2	0	0	0	0
22-Jul-09	500	9.1	266	W	49.4	23.0	10.2	0	0	0	0
22-Jul-09	600	14.1	253	WSW	51.1	22.0	9.3	0	0	0	0
22-Jul-09	700	14.9	261	W	54.0	12.6	3.8	0	0	0	0

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<b>Alarms</b>											
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22-Jul-09	800	13.3	279	W	55.6	10.9	4.1	0	0	0	0
22-Jul-09	900	16.3	280	W	49.3	10.9	3.3	0	0	0	0
22-Jul-09	1000	10.3	287	WNW	54.5	10.2	3.4	0	0	0	0
22-Jul-09	1100	7.9	287	WNW	51.4	12.6	0.8	0	0	0	0
22-Jul-09	1200	5.9	262	W	48.3	24.7	0.4	0	0	0	0
22-Jul-09	1300	7.6	25	NNE	55.8	31.7	0.6	0	0	0	0
22-Jul-09	1400	15.1	174	S	54.5	91.1	0.2	0	0	0	0
22-Jul-09	1500	12.5	179	S	55.1	63.5	4.3	0	0	0	0
22-Jul-09	1600	19.1	184	S	53.5	54.3	9.0	0	0	0	0
22-Jul-09	1700	20.3	202	SSW	69.2	59.6	9.4	0	0	0	0
22-Jul-09	1800	20.9	189	S	49.2	57.1	11.8	0	0	0	0
22-Jul-09	1900	20.7	180	S	48.9	43.0	9.4	0	0	0	0
22-Jul-09	2000	17.4	178	S	50.0	33.0	7.6	0	0	0	0
22-Jul-09	2100	17.6	186	S	48.3	40.7	7.1	0	0	0	0
22-Jul-09	2200	13.0	200	SSW	43.0	40.0	5.8	0	0	0	0
22-Jul-09	2300	10.6	241	WSW	45.1	33.4	10.7	0	0	0	0

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22-Jul-09	2400	17.4	312	NW	49.5	32.4	14.3	0	0	0	0
23-Jul-09	100	33.8	332	NNW	58.0	9.4	7.7	0	0	0	0
23-Jul-09	200	24.9	335	NNW	50.1	15.8	8.6	0	0	0	0
23-Jul-09	300	31.1	354	N	57.6	8.7	4.4	0	0	0	0
23-Jul-09	400	22.3	358	N	50.3	15.8	7.6	0	0	0	0
23-Jul-09	500	17.6	332	NNW	45.6	25.4	7.9	0	0	0	0
23-Jul-09	600	15.3	316	NW	54.0	26.2	9.9	0	0	0	0
23-Jul-09	700	11.2	317	NW	54.4	36.9	8.6	0	0	0	0
23-Jul-09	800	9.8	289	WNW	51.1	31.1	6.8	0	0	0	0
23-Jul-09	900	5.7	261	W	56.1	32.6	10.0	0	0	0	0
23-Jul-09	1000	10.0	202	SSW	52.9	48.4	10.5	0	0	0	0
23-Jul-09	1100	12.9	156	SSE	56.0	40.7	11.4	0	0	0	0
23-Jul-09	1200	12.6	159	SSE	57.6	49.8	8.4	0	0	0	0
23-Jul-09	1300	14.4	155	SSE	54.2	32.0	6.4	0	0	0	0
23-Jul-09	1400	23.3	166	SSE	55.9	31.1	7.0	0	0	0	0
23-Jul-09	1500	21.7	165	SSE	56.4	24.3	0.3	0	0	0	0

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23-Jul-09	1600	20.8	166	SSE	57.7	36.0	0.2	0	0	0	0
23-Jul-09	1700	19.5	177	S	50.8	45.4	0.3	0	0	0	0
23-Jul-09	1800	17.2	167	SSE	52.5	33.0	5.4	0	0	0	0
23-Jul-09	1900	22.8	173	S	53.9	34.3	4.8	0	0	0	0
23-Jul-09	2000	15.6	193	SSW	46.4	41.5	11.7	0	0	0	0
23-Jul-09	2100	8.7	250	WSW	44.9	43.7	16.6	0	0	0	0
23-Jul-09	2200	7.2	315	NW	50.0	90.5	32.6	0	1	0	0
23-Jul-09	2300	10.1	217	SW	43.5	42.6	13.2	0	0	0	0
23-Jul-09	2400	6.9	230	SW	43.8	43.5	12.4	0	0	0	0
24-Jul-09	100	6.2	229	SW	46.8	49.4	13.1	0	0	0	0
24-Jul-09	200	5.3	329	NNW	45.9	178.7	50.2	0	0	0	0
24-Jul-09	300	8.1	239	WSW	50.5	53.5	13.7	0	1	0	0
24-Jul-09	400	7.2	218	SW	41.5	55.8	16.6	0	0	0	0
24-Jul-09	500	7.7	203	SSW	45.8	61.6	17.0	0	0	0	0
24-Jul-09	600	6.8	183	S	50.7	56.9	19.0	0	1	0	0
24-Jul-09	700	7.3	163	SSE	54.0	88.4	19.4	0	0	0	0

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24-Jul-09	800	12.7	204	SSW	58.5	50.3	19.7	0	0	0	0
24-Jul-09	900	10.1	239	WSW	54.9	42.8	9.9	0	0	0	0
24-Jul-09	1000	8.0	246	WSW	53.7	76.7	29.2	0	0	0	0
24-Jul-09	1100	7.9	204	SSW	56.9	44.9	13.2	0	0	0	0
24-Jul-09	1200	18.4	159	SSE	55.1	33.4	8.7	0	0	0	0
24-Jul-09	1300	20.6	163	SSE	53.6	57.7	4.9	0	0	0	0
24-Jul-09	1400	18.4	158	SSE	58.6	37.7	6.7	0	0	0	0
24-Jul-09	1500	19.1	153	SSE	53.0	32.6	0.3	0	0	0	0
24-Jul-09	1600	21.3	165	SSE	54.1	29.0	0.3	0	0	0	0
24-Jul-09	1700	17.0	175	S	54.0	43.2	0.4	0	0	0	0
24-Jul-09	1800	15.8	159	SSE	49.5	42.2	1.6	0	0	0	0
24-Jul-09	1900	17.6	170	S	47.1	42.8	3.4	0	0	0	0
24-Jul-09	2000	13.8	171	S	46.7	33.4	5.9	0	0	0	0
24-Jul-09	2100	8.7	161	SSE	43.6	37.9	10.1	0	0	0	0
24-Jul-09	2200	7.9	171	S	48.8	44.1	11.3	0	0	0	0
24-Jul-09	2300	7.2	203	SSW	44.6	63.0	20.8	0	0	0	0

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25-Jul-09	500	9.3	278	W	48.7	52.0	39.8	0	0	0	0
25-Jul-09	600	6.8	307	NW	56.2	48.2	20.5	0	1	0	0
25-Jul-09	700	6.1	299	WNW	56.2	45.6	16.8	0	0	0	0
25-Jul-09	800	10.1	331	NNW	53.1	92.0	20.1	0	0	0	0
25-Jul-09	900	7.3	356	N	55.9	75.6	20.3	0	0	0	0
25-Jul-09	1000	7.5	83	E	54.7	96.7	12.5	0	0	0	0
25-Jul-09	1100	13.0	174	S	53.6	28.1	0.5	0	0	0	0
25-Jul-09	1200	12.7	173	S	56.8	31.5	0.5	0	0	0	0
25-Jul-09	1300	9.4	156	SSE	54.8	50.3	0.2	0	0	0	0
25-Jul-09	1400	9.7	130	SE	56.2	43.7	0.3	0	0	0	0
25-Jul-09	1500	14.9	147	SSE	51.8	39.2	0.5	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
<b>Alarms</b>											
<b>PM2.5</b>						1 Hour Average – <b>80 ug/m3</b>					
<b>TSP</b>						1 Hour Average – <b>267 ug/m3</b>					
<b>SOUND</b> Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour											
<b>MST</b> Mountain Standard time is applied to data; when Dalight Saving Time is in effect, it is used for alarm consideration											
<b>Rainfall</b> 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) – <b>50 dba</b>											
1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – <b>65 dba</b>											
1 Hour Average – Weekends (Sun & holidays) Evenings (10:01pm-9:00am) – <b>50 dba</b>											
1 Hour Average – Weekends (Sun & holidays) Daytime (9:01am-10:00pm) – <b>65 dba</b>											
25-Jul-09	1600	13.6	156	SSE	53.3	37.7	1.1	0	0	0	0
25-Jul-09	1700	15.7	143	SE	48.1	46.9	1.6	0	0	0	0
25-Jul-09	1800	18.7	135	SE	46.8	40.7	4.1	0	0	0	0
25-Jul-09	1900	11.9	128	SE	45.6	25.8	3.5	0	0	0	0
25-Jul-09	2000	14.8	137	SE	42.9	32.2	7.9	0	0	0	0
25-Jul-09	2100	11.8	136	SE	44.8	25.3	8.2	0	0	0	0
25-Jul-09	2200	5.9	183	S	41.4	46.6	11.1	0	0	0	0
25-Jul-09	2300	5.3	200	SSW	37.3	45.1	12.8	0	0	0	0
25-Jul-09	2400	7.9	212	SSW	39.0	43.4	11.6	0	0	0	0
26-Jul-09	100	5.4	199	SSW	38.3	33.4	12.0	0	0	0	0
26-Jul-09	200	6.4	246	WSW	39.5	35.6	13.2	0	0	0	0
26-Jul-09	300	9.4	243	WSW	38.6	35.2	10.6	0	0	0	0
26-Jul-09	400	18.1	316	NW	51.7	25.1	9.0	0	0	0	0
26-Jul-09	500	23.6	351	N	54.1	17.5	3.6	0	0	0	0
26-Jul-09	600	32.6	342	NNW	60.2	6.2	0.8	0	0	0	0
26-Jul-09	700	31.8	337	NNW	57.0	3.0	1.9	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
<b>Alarms</b>											
<b>PM2.5</b>						1 Hour Average – <b>80 ug/m3</b>					
<b>TSP</b>						1 Hour Average – <b>267 ug/m3</b>					
<b>SOUND</b> Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour											
<b>MST</b> Mountain Standard time is applied to data; when Dalight Saving Time is in effect, it is used for alarm consideration											
<b>Rainfall</b> 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) – <b>50 dba</b>											
1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – <b>65 dba</b>											
1 Hour Average – Weekends (Sun & holidays) Evenings (10:01pm-9:00am) – <b>50 dba</b>											
1 Hour Average – Weekends (Sun & holidays) Daytime (9:01am-10:00pm) – <b>65 dba</b>											
26-Jul-09	800	25.1	349	N	55.4	1.7	1.1	0	0	0	0
26-Jul-09	900	22.1	345	NNW	55.6	34.9	5.0	0	0	0	0
26-Jul-09	1000	22.3	356	N	53.0	21.1	2.1	0	0	0	0
26-Jul-09	1100	21.6	332	NNW	54.8	81.4	16.5	0	0	0	0
26-Jul-09	1200	22.9	347	NNW	53.8	20.5	5.2	0	0	0	0
26-Jul-09	1300	22.1	357	N	53.5	24.5	3.9	0	0	0	0
26-Jul-09	1400	12.0	357	N	51.9	16.0	1.9	0	0	0	0
26-Jul-09	1500	13.4	20	NNE	54.6	15.3	1.7	0	0	0	0
26-Jul-09	1600	17.8	345	NNW	52.2	98.2	20.9	0	0	0	0
26-Jul-09	1700	21.7	338	NNW	50.3	11.9	2.1	0	0	0	0
26-Jul-09	1800	19.2	336	NNW	45.8	18.5	7.4	0	0	0	0
26-Jul-09	1900	16.5	341	NNW	44.0	38.3	8.2	0	0	0	0
26-Jul-09	2000	13.0	333	NNW	42.5	57.3	9.6	0	0	0	0
26-Jul-09	2100	10.1	317	NW	46.8	26.8	10.5	0	0	0	0
26-Jul-09	2200	8.6	324	NW	45.8	51.3	15.3	0	0	0	0
26-Jul-09	2300	8.1	329	NNW	42.7	71.6	14.3	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
<b>Alarms</b>											
<b>PM2.5</b>						1 Hour Average – <b>80 ug/m3</b>					
<b>TSP</b>						1 Hour Average – <b>267 ug/m3</b>					
<b>SOUND</b> Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour											
<b>MST</b> Mountain Standard time is applied to data; when Dalight Saving Time is in effect, it is used for alarm consideration											
<b>Rainfall</b> 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) – <b>50 dba</b>											
1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – <b>65 dba</b>											
1 Hour Average – Weekends (Sun & holidays) Evenings (10:01pm-9:00am) – <b>50 dba</b>											
1 Hour Average – Weekends (Sun & holidays) Daytime (9:01am-10:00pm) – <b>65 dba</b>											
26-Jul-09	2400	7.1	343	NNW	40.8	52.4	10.1	0	0	0	0
27-Jul-09	100	3.4	334	NNW	40.6	88.0	21.3	0	0	0	0
27-Jul-09	200	3.9	244	WSW	40.5	38.4	9.5	0	0	0	0
27-Jul-09	300	7.3	251	WSW	46.0	36.2	8.8	0	0	0	0
27-Jul-09	400	5.7	238	WSW	41.2	31.8	8.3	0	0	0	0
27-Jul-09	500	4.4	239	WSW	45.0	41.3	11.4	0	0	0	0
27-Jul-09	600	5.8	244	WSW	54.3	45.8	14.5	0	1	0	0
27-Jul-09	700	7.1	230	SW	53.0	37.9	6.7	0	0	0	0