

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											
27-Jul-09	800	12.6	230	SW	52.1	42.8	6.1	0	0	0	0
27-Jul-09	900	13.3	216	SW	54.1	40.9	6.2	0	0	0	0
27-Jul-09	1000	8.3	204	SSW	55.2	70.7	10.4	0	0	0	0
27-Jul-09	1100	5.5	250	WSW	55.0	45.4	11.2	0	0	0	0
27-Jul-09	1200	10.1	23	NNE	56.4	49.4	10.8	0	0	0	0
27-Jul-09	1300	9.9	358	N	59.1	33.9	4.4	0	0	0	0
27-Jul-09	1400	11.9	355	N	53.8	38.8	1.7	0	0	0	0
27-Jul-09	1500	9.0	21	NNE	53.3	38.6	1.2	0	0	0	0
27-Jul-09	1600	15.3	25	NNE	55.3	44.5	0.5	0	0	0	0
27-Jul-09	1700	10.7	28	NNE	53.9	72.0	1.7	0	0	0	0
27-Jul-09	1800	13.2	62	ENE	48.3	35.8	2.3	0	0	0	0
27-Jul-09	1900	11.2	75	ENE	44.1	31.3	8.1	0	0	0	0
27-Jul-09	2000	7.0	71	ENE	47.1	40.9	9.3	0	0	0	0
27-Jul-09	2100	6.9	75	ENE	46.8	30.7	10.5	0	0	0	0
27-Jul-09	2200	4.4	7	N	46.3	126.5	35.8	0	0	0	0
27-Jul-09	2300	12.1	269	W	41.3	18.5	9.6	0.6	0	0	0

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27-Jul-09	2400	14.6	264	W	41.9	19.0	8.1	0	0	0	0
28-Jul-09	100	13.0	261	W	40.0	11.3	7.5	0	0	0	0
28-Jul-09	200	13.9	278	W	41.2	14.3	8.4	0	0	0	0
28-Jul-09	300	19.8	273	W	50.4	9.6	5.5	0	0	0	0
28-Jul-09	400	17.4	280	W	49.6	6.4	5.4	0	0	0	0
28-Jul-09	500	19.7	308	NW	51.4	12.2	10.0	0.2	0	0	0
28-Jul-09	600	25.5	360	N	58.6	21.7	2.1	1.5	0	0	0
28-Jul-09	700	22.3	344	NNW	55.8	32.0	6.4	0	0	0	0
28-Jul-09	800	13.3	312	NW	50.1	34.7	13.0	0	0	0	0
28-Jul-09	900	15.9	296	WNW	50.2	43.0	8.3	0	0	0	0
28-Jul-09	1000	19.1	317	NW	52.7	29.0	9.0	0	0	0	0
28-Jul-09	1100	25.0	3	N	57.1	32.0	5.0	0.3	0	0	0
28-Jul-09	1200	33.0	8	N	60.2	13.6	1.9	0	0	0	0
28-Jul-09	1300	32.8	14	NNE	60.9	17.3	8.2	0	0	0	0
28-Jul-09	1400	31.8	2	N	58.0	15.8	3.3	0	0	0	0
28-Jul-09	1500	25.9	23	NNE	56.5	15.1	2.4	0	0	0	0

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28-Jul-09	1600	17.7	17	NNE	56.8	30.3	3.0	0	0	0	0
28-Jul-09	1700	19.6	32	NNE	52.1	14.5	2.9	0	0	0	0
28-Jul-09	1800	14.3	20	NNE	51.0	44.3	12.4	0	0	0	0
28-Jul-09	1900	17.6	7	N	56.6	46.9	16.3	0	0	0	0
28-Jul-09	2000	8.2	360	N	44.9	62.4	16.3	0	0	0	0
28-Jul-09	2100	7.9	278	W	41.4	60.3	15.1	0	0	0	0
28-Jul-09	2200	7.4	280	W	51.2	66.3	17.4	0	1	0	0
28-Jul-09	2300	9.1	272	W	40.9	60.1	16.4	0	0	0	0
28-Jul-09	2400	9.3	279	W	43.9	66.5	15.8	0	0	0	0
29-Jul-09	100	13.5	347	NNW	43.9	41.3	15.0	2	0	0	0
29-Jul-09	200	8.3	8	N	41.4	48.2	12.2	0	0	0	0
29-Jul-09	300	6.4	349	NNW	44.5	68.8	13.7	0	0	0	0
29-Jul-09	400	12.6	1	N	46.2	56.3	17.8	0.4	0	0	0
29-Jul-09	500	8.2	336	NNW	42.9	59.2	14.6	0.1	0	0	0
29-Jul-09	600	10.8	349	N	53.5	87.4	21.5	0	1	0	0
29-Jul-09	700	11.3	340	NNW	54.5	73.7	17.2	0	0	0	0

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29-Jul-09	800	11.1	338	NNW	54.8	88.0	16.3	0	0	0	0
29-Jul-09	900	10.4	0	N	51.3	79.1	17.5	0	0	0	0
29-Jul-09	1000	9.1	5	N	56.3	97.0	23.0	0	0	0	0
29-Jul-09	1100	7.9	29	NNE	53.7	88.4	21.4	0	0	0	0
29-Jul-09	1200	10.6	24	NNE	54.1	91.4	21.0	0	0	0	0
29-Jul-09	1300	10.1	27	NNE	51.7	93.3	21.2	0	0	0	0
29-Jul-09	1400	9.1	354	N	54.5	87.3	22.2	0	0	0	0
29-Jul-09	1500	9.5	26	NNE	56.6	91.2	21.4	0	0	0	0
29-Jul-09	1600	12.7	354	N	51.9	99.7	22.8	0	0	0	0
29-Jul-09	1700	5.6	43	NE	50.7	94.6	16.8	0	0	0	0
29-Jul-09	1800	10.4	14	NNE	44.8	89.5	12.0	0	0	0	0
29-Jul-09	1900	7.0	21	NNE	42.9	96.3	11.8	0	0	0	0
29-Jul-09	2000	5.4	55	NE	44.3	86.5	16.6	0	0	0	0
29-Jul-09	2100	7.4	106	ESE	44.9	100.1	27.6	0	0	0	0
29-Jul-09	2200	7.6	141	SE	45.7	104.8	33.4	0	0	0	0
29-Jul-09	2300	11.0	152	SSE	44.4	103.7	36.4	0	0	0	0

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29-Jul-09	2400	9.4	171	S	43.4	111.8	32.5	0	0	0	0
30-Jul-09	100	10.7	181	S	43.4	112.5	34.5	0	0	0	0
30-Jul-09	200	8.3	194	SSW	43.3	96.3	64.6	0	0	0	0
30-Jul-09	300	10.7	217	SW	43.7	98.0	26.6	0	0	0	0
30-Jul-09	400	13.1	228	SW	43.0	87.4	22.6	0	0	0	0
30-Jul-09	500	9.6	245	WSW	47.4	84.0	21.0	0	0	0	0
30-Jul-09	600	10.9	265	W	55.1	75.2	15.6	0	1	0	0
30-Jul-09	700	9.5	277	W	54.7	52.0	15.5	0	0	0	0
30-Jul-09	800	12.9	298	WNW	56.4	44.1	11.1	0	0	0	0
30-Jul-09	900	17.2	299	WNW	52.7	42.4	9.0	0	0	0	0
30-Jul-09	1000	16.1	322	NW	49.8	66.9	25.1	0	0	0	0
30-Jul-09	1100	18.7	344	NNW	51.5	53.1	29.6	0	0	0	0
30-Jul-09	1200	20.9	357	N	54.4	87.1	10.1	0	0	0	0
30-Jul-09	1300	20.3	6	N	55.0	66.7	9.4	0.1	0	0	0
30-Jul-09	1400	26.5	1	N	54.6	45.8	3.2	0.2	0	0	0
30-Jul-09	1500	26.7	9	N	56.1	33.2	0.5	0.3	0	0	0

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30-Jul-09	1600	20.6	276	W	53.7	44.9	0.3	0	0	0	0
30-Jul-09	1700	7.7	279	W	46.4	32.6	7.3	0	0	0	0
30-Jul-09	1800	17.1	268	W	47.5	32.6	18.0	0.5	0	0	0
30-Jul-09	1900	22.5	357	N	53.2	32.4	2.7	7.9	0	0	0
30-Jul-09	2000	26.7	353	N	54.7	13.2	10.8	0.3	0	0	0
30-Jul-09	2100	27.1	352	N	55.0	15.3	13.6	1.4	0	0	0
30-Jul-09	2200	14.1	305	NW	42.5	31.1	24.6	0.5	0	0	0
30-Jul-09	2300	12.5	286	WNW	46.5	31.3	21.3	0	0	0	0
30-Jul-09	2400	19.1	314	NW	51.4	14.3	11.8	0	0	0	0
31-Jul-09	100	20.6	323	NW	49.8	15.1	8.1	0	0	0	0
31-Jul-09	200	22.9	326	NNW	52.9	16.0	13.0	0	0	0	0
31-Jul-09	300	17.9	328	NNW	50.2	23.7	7.0	0	0	0	0
31-Jul-09	400	15.4	332	NNW	50.0	37.7	10.8	0	0	0	0
31-Jul-09	500	12.7	320	NW	47.5	39.2	10.4	0	0	0	0
31-Jul-09	600	10.5	302	WNW	53.1	41.8	7.8	0	1	0	0
31-Jul-09	700	8.1	315	NW	53.5	50.3	4.1	0	0	0	0

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31-Jul-09	1000	10.3	337	NNW	51.3	76.5	8.9	0	0	0	0
31-Jul-09	1100	5.5	338	NNW	53.2	73.1	2.5	0	0	0	0
31-Jul-09	1200	6.4	178	S	53.7	81.4	14.3	0	0	0	0
31-Jul-09	1300	6.2	186	S	55.9	76.5	33.3	0	0	0	0
31-Jul-09	1400	6.8	289	WNW	52.8	87.5	6.2	0	0	0	0
31-Jul-09	1500	6.3	43	NE	46.6	84.4	2.5	0	0	0	0
31-Jul-09	1600	5.5	48	NE	44.0	86.5	0.6	0	0	0	0
31-Jul-09	1700	6.0	143	SE	46.4	72.8	0.3	0	0	0	0
31-Jul-09	1800	12.4	177	S	46.1	62.6	0.2	0	0	0	0
31-Jul-09	1900	10.1	190	S	41.4	80.5	5.9	0	0	0	0
31-Jul-09	2000	12.8	186	S	44.1	76.0	18.9	0	0	0	0
31-Jul-09	2100	9.9	173	S	45.5	81.8	23.8	0	0	0	0
31-Jul-09	2200	10.7	194	SSW	50.4	82.0	23.3	0	1	0	0
31-Jul-09	2300	14.4	193	SSW	40.7	77.7	24.7	0	0	0	0

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1-Aug-09	1600	4.5	323	NW	42.3	70.9	4.7	0	0	0	0
1-Aug-09	1700	8.2	108	ESE	42.3	65.8	9.7	0	0	0	0
1-Aug-09	1800	14.8	40	NE	46.5	51.1	7.0	0	0	0	0
1-Aug-09	1900	41.2	358	N	68.3	37.7	7.9	0	0	0	0
1-Aug-09	2000	27.2	1	N	55.1	7.2	3.9	0	0	0	0
1-Aug-09	2100	28.5	345	NNW	57.9	19.4	11.4	0	0	0	0
1-Aug-09	2200	26.3	312	NW	53.2	23.0	10.5	0	0	0	0
1-Aug-09	2300	18.7	317	NW	43.3	38.8	17.4	0	0	0	0
1-Aug-09	2400	18.9	315	NW	43.1	30.7	18.7	0	0	0	0
2-Aug-09	100	13.8	295	WNW	38.7	34.7	14.6	0	0	0	0
2-Aug-09	200	13.0	278	W	39.5	46.0	16.2	0	0	0	0
2-Aug-09	300	12.2	266	W	37.5	58.8	16.6	0	0	0	0
2-Aug-09	400	12.2	299	WNW	37.1	49.6	16.6	0	0	0	0
2-Aug-09	500	9.9	294	WNW	39.2	49.2	13.4	0	0	0	0
2-Aug-09	600	8.8	314	NW	38.9	49.4	13.9	0	0	0	0
2-Aug-09	700	9.5	313	NW	38.3	56.0	15.7	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											
2-Aug-09	800	9.1	314	NW	39.3	47.7	14.4	0	0	0	0
2-Aug-09	900	7.6	281	W	42.4	50.1	9.8	0	0	0	0
2-Aug-09	1000	8.8	284	WNW	43.8	77.8	13.0	0	0	0	0
2-Aug-09	1100	12.2	299	WNW	39.6	63.9	18.7	0	0	0	0
2-Aug-09	1200	8.0	304	WNW	43.3	71.6	19.3	0	0	0	0
2-Aug-09	1300	5.4	300	WNW	43.9	84.1	16.6	0	0	0	0
2-Aug-09	1400	6.4	1	N	42.3	96.1	9.2	0	0	0	0
2-Aug-09	1500	5.5	25	NNE	45.1	92.4	3.0	0	0	0	0
2-Aug-09	1600	7.2	25	NNE	42.2	81.6	1.7	0	0	0	0
2-Aug-09	1700	11.3	55	NE	42.1	72.2	6.5	0	0	0	0
2-Aug-09	1800	10.0	52	NE	44.9	82.6	13.9	0	0	0	0
2-Aug-09	1900	10.5	49	NE	45.3	71.5	16.6	0	0	0	0
2-Aug-09	2000	11.1	42	NE	40.7	78.8	20.8	0	0	0	0
2-Aug-09	2100	15.0	14	NNE	43.5	63.5	16.6	0	0	0	0
2-Aug-09	2200	6.7	3	N	42.4	82.4	24.1	0	0	0	0
2-Aug-09	2300	6.8	341	NNW	40.4	90.9	26.3	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
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-Aug-09	2400	11.6	28	NNE	40.1	78.4	23.3	0	0	0	0
3-Aug-09	100	26.0	8	N	65.0	65.8	22.5	16.8	0	0	0
3-Aug-09	200	17.5	340	NNW	43.6	11.7	8.8	1.2	0	0	0
3-Aug-09	300	13.3	269	W	39.7	18.8	16.8	0.1	0	0	0
3-Aug-09	400	8.4	243	WSW	42.4	18.8	9.6	0.4	0	0	0
3-Aug-09	500	10.4	317	NW	40.4	21.5	10.2	0.2	0	0	0
3-Aug-09	600	10.1	56	ENE	41.9	26.0	6.3	0	0	0	0
3-Aug-09	700	9.3	66	ENE	41.8	37.5	12.8	0	0	0	0
3-Aug-09	800	10.8	75	ENE	41.2	33.5	9.4	0	0	0	0
3-Aug-09	900	11.8	102	ESE	41.3	25.4	6.9	0	0	0	0
3-Aug-09	1000	9.9	117	ESE	40.5	34.1	7.9	0	0	0	0
3-Aug-09	1100	11.0	132	SE	41.6	49.7	9.2	0	0	0	0
3-Aug-09	1200	13.7	129	SE	44.1	71.2	14.4	0	0	0	0
3-Aug-09	1300	12.8	122	ESE	46.1	66.3	13.9	0	0	0	0
3-Aug-09	1400	13.9	127	SE	46.9	69.9	13.9	0	0	0	0
3-Aug-09	1500	18.7	116	ESE	45.4	39.2	8.2	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											
3-Aug-09	1600	14.5	111	ESE	44.2	58.8	10.5	0	0	0	0
3-Aug-09	1700	8.6	89	E	42.6	61.2	12.5	0.1	0	0	0
3-Aug-09	1800	10.1	80	E	50.0	57.5	11.3	0.4	0	0	0
3-Aug-09	1900	11.7	76	ENE	46.0	41.3	5.5	0.3	0	0	0
3-Aug-09	2000	12.0	67	ENE	42.7	34.3	2.5	0.2	0	0	0
3-Aug-09	2100	16.1	107	ESE	45.1	37.3	6.8	0.9	0	0	0
3-Aug-09	2200	10.6	93	E	45.9	53.3	14.9	2	0	0	0
3-Aug-09	2300	16.5	130	SE	54.2	42.0	21.3	1.4	0	0	0
3-Aug-09	2400	16.1	82	E	44.5	17.1	6.9	1.8	0	0	0
4-Aug-09	100	14.9	101	E	41.2	16.0	5.4	0.3	0	0	0
4-Aug-09	200	9.4	100	E	40.3	23.0	4.1	0.5	0	0	0
4-Aug-09	300	14.2	97	E	41.3	14.3	3.3	0.2	0	0	0
4-Aug-09	400	9.8	33	NNE	41.9	11.3	1.3	0.3	0	0	0
4-Aug-09	500	18.3	12	NNE	52.8	6.6	0.7	5.3	0	0	0
4-Aug-09	600	18.9	10	N	56.6	5.1	0.6	0.6	0	0	0
4-Aug-09	700	22.1	2	N	50.3	5.3	0.4	0.9	0	0	0