

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											
26-Oct-09	1400	7.9	264	W	53.7	1.1	0.0	0	0	0	0
26-Oct-09	1500	13.9	234	SW	50.8	15.6	0.2	0	0	0	0
26-Oct-09	1600	20.2	227	SW	52.2	1.9	0.2	0	0	0	0
26-Oct-09	1700	18.0	256	WSW	46.9	4.9	1.7	0	0	0	0
26-Oct-09	1800	17.1	267	W	48.5	3.6	0.7	0	0	0	0
26-Oct-09	1900	18.6	267	W	44.8	3.4	2.8	0	0	0	0
26-Oct-09	2000	27.6	305	NW	54.0	11.1	2.6	0	0	0	0
26-Oct-09	2100	28.0	320	NW	69.2	2.3	1.4	0	0	0	0
26-Oct-09	2200	30.3	329	NNW	55.3	1.7	1.7	0	0	0	0
26-Oct-09	2300	24.6	333	NNW	50.8	1.7	1.7	0.1	0	0	0
26-Oct-09	2400	23.1	339	NNW	50.0	1.5	1.5	0	0	0	0
27-Oct-09	100	40.3	330	NNW	66.6	4.3	4.3	0.1	0	0	0
27-Oct-09	200	35.4	333	NNW	63.6	2.1	2.1	0	0	0	0
27-Oct-09	300	29.2	322	NW	55.7	2.8	1.0	0	0	0	0
27-Oct-09	400	30.2	321	NW	55.4	1.3	1.3	0	0	0	0
27-Oct-09	500	32.5	326	NW	54.6	1.5	1.5	0	0	0	0

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27-Oct-09	600	26.6	323	NW	55.0	1.3	1.2	0	0	0	0
27-Oct-09	700	26.6	324	NW	53.9	1.1	1.3	0	0	0	0
27-Oct-09	800	28.8	319	NW	58.7	0.9	0.9	0	0	0	0
27-Oct-09	900	27.0	325	NW	56.0	0.9	0.8	0	0	0	0
27-Oct-09	1000	26.2	326	NNW	57.9	0.9	0.2	0	0	0	0
27-Oct-09	1100	37.0	326	NW	62.5	31.3	1.0	0	0	0	0
27-Oct-09	1200	41.5	323	NW	67.7	6.2	6.7	0	0	0	0
27-Oct-09	1300	40.5	326	NW	64.7	3.4	1.0	0	0	0	0
27-Oct-09	1400	38.8	324	NW	65.9	6.6	0.6	0	0	0	0
27-Oct-09	1500	33.5	339	NNW	60.1	7.0	0.5	0	0	0	0
27-Oct-09	1600	28.8	337	NNW	57.0	5.5	5.5	0	0	0	0
27-Oct-09	1700	21.7	335	NNW	50.9	1.5	1.5	0	0	0	0
27-Oct-09	1800	18.0	342	NNW	49.0	4.9	4.9	0	0	0	0
27-Oct-09	1900	13.5	340	NNW	49.9	6.0	7.6	0	0	0	0
27-Oct-09	2000	18.2	321	NW	50.8	3.0	3.3	0	0	0	0
27-Oct-09	2100	21.8	326	NW	51.4	3.2	3.6	0	0	0	0

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Alarms											
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27-Oct-09	2200	22.6	328	NNW	51.5	4.5	3.4	0	0	0	0
27-Oct-09	2300	16.0	329	NNW	48.5	1.7	1.1	0	0	0	0
27-Oct-09	2400	16.2	292	WNW	48.8	1.7	1.7	0	0	0	0
28-Oct-09	100	18.2	307	NW	48.0	14.9	2.8	0	0	0	0
28-Oct-09	200	22.5	324	NW	47.6	3.2	0.3	0	0	0	0
28-Oct-09	300	18.5	316	NW	49.8	2.3	1.9	0	0	0	0
28-Oct-09	400	20.1	319	NW	46.7	1.5	1.7	0	0	0	0
28-Oct-09	500	22.3	317	NW	49.4	8.7	2.2	0	0	0	0
28-Oct-09	600	18.5	330	NNW	51.2	1.5	1.0	0	0	0	0
28-Oct-09	700	21.4	330	NNW	53.7	2.1	0.6	0	0	0	0
28-Oct-09	800	20.5	305	NW	54.1	1.1	1.1	0	0	0	0
28-Oct-09	900	18.4	293	WNW	52.2	0.4	0.4	0	0	0	0
28-Oct-09	1000	14.8	302	WNW	54.8	4.7	0.5	0	0	0	0
28-Oct-09	1100	15.4	300	WNW	50.1	2.6	0.2	0	0	0	0
28-Oct-09	1200	19.1	316	NW	51.2	4.5	0.7	0	0	0	0
28-Oct-09	1300	15.3	329	NNW	52.3	10.4	1.0	0	0	0	0

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28-Oct-09	1400	7.8	348	NNW	51.7	1.7	1.8	0	0	0	0
28-Oct-09	1500	8.2	333	NNW	50.1	5.8	2.2	0	0	0	0
28-Oct-09	1600	8.2	338	NNW	49.0	2.3	0.4	0	0	0	0
28-Oct-09	1700	10.6	346	NNW	52.4	3.0	3.3	0	0	0	0
28-Oct-09	1800	3.5	140	SE	51.8	11.7	2.5	0	0	0	0
28-Oct-09	1900	4.9	94	E	44.7	16.2	5.2	0	0	0	0
28-Oct-09	2000	6.3	80	E	46.1	11.5	3.4	0	0	0	0
28-Oct-09	2100	6.2	216	SW	41.6	8.1	1.2	0	0	0	0
28-Oct-09	2200	9.7	210	SSW	41.5	8.1	0.2	0	0	0	0
28-Oct-09	2300	11.3	174	S	39.1	4.9	2.8	0	0	0	0
28-Oct-09	2400	5.6	295	WNW	39.7	4.7	3.7	0	0	0	0
29-Oct-09	100	4.9	241	WSW	38.4	6.8	4.8	0	0	0	0
29-Oct-09	200	6.4	209	SSW	39.9	2.1	1.0	0	0	0	0
29-Oct-09	300	6.0	200	SSW	37.7	2.6	0.6	0	0	0	0
29-Oct-09	400	8.2	207	SSW	38.6	4.3	3.2	0	0	0	0
29-Oct-09	500	10.3	195	SSW	46.3	8.1	4.3	0	0	0	0

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29-Oct-09	600	13.9	179	S	50.1	14.5	6.9	0	0	0	0
29-Oct-09	700	15.9	192	SSW	52.8	16.4	1.9	0	0	0	0
29-Oct-09	800	19.6	174	S	55.4	29.0	3.3	0	0	0	0
29-Oct-09	900	16.2	180	S	53.9	24.1	3.1	0	0	0	0
29-Oct-09	1000	20.8	167	SSE	57.8	14.9	4.6	0	0	0	0
29-Oct-09	1100	20.9	168	SSE	58.8	20.3	1.3	0	0	0	0
29-Oct-09	1200	19.0	158	SSE	54.7	19.0	5.6	0	0	0	0
29-Oct-09	1300	16.9	162	SSE	56.0	22.0	9.8	0	0	0	0
29-Oct-09	1400	21.1	160	SSE	59.5	18.6	7.3	0	0	0	0
29-Oct-09	1500	16.1	167	SSE	54.6	25.4	6.3	0	0	0	0
29-Oct-09	1600	16.3	164	SSE	53.7	19.0	8.6	0	0	0	0
29-Oct-09	1700	13.8	180	S	50.4	16.2	6.7	0	0	0	0
29-Oct-09	1800	11.9	197	SSW	50.4	17.3	7.3	0	0	0	0
29-Oct-09	1900	15.2	219	SW	51.2	3.8	2.9	0	0	0	0
29-Oct-09	2000	16.8	238	WSW	43.6	4.3	2.0	0	0	0	0
29-Oct-09	2100	28.4	268	W	52.2	3.2	0.5	0	0	0	0

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1 Hour Average – Weekends (Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
29-Oct-09	2200	22.8	264	W	45.1	1.5	0.9	0	0	0	0
29-Oct-09	2300	17.7	271	W	42.4	1.9	0.5	0	0	0	0
29-Oct-09	2400	16.5	261	W	43.2	3.2	1.9	0	0	0	0
30-Oct-09	100	21.5	269	W	47.2	0.6	0.3	0	0	0	0
30-Oct-09	200	23.0	266	W	46.1	1.5	0.9	0	0	0	0
30-Oct-09	300	19.4	271	W	42.4	4.1	0.8	0	0	0	0
30-Oct-09	400	21.0	278	W	42.6	1.3	1.3	0	0	0	0
30-Oct-09	500	17.7	313	NW	43.4	1.9	0.8	0	0	0	0
30-Oct-09	600	15.0	355	N	46.9	30.7	8.9	0	0	0	0
30-Oct-09	700	15.6	357	N	54.9	52.0	6.0	0	0	0	0
30-Oct-09	800	10.9	12	NNE	56.6	191.5	75.4	0	0	0	0
30-Oct-09	900	7.9	214	SW	59.1	8.1	1.3	0	0	0	0
30-Oct-09	1000	7.8	122	ESE	55.2	11.7	3.3	0	0	0	0
30-Oct-09	1100	7.4	118	ESE	55.5	10.0	1.7	0	0	0	0
30-Oct-09	1200	16.2	148	SSE	53.8	16.6	4.0	0	0	0	0
30-Oct-09	1300	18.2	161	SSE	55.4	9.4	2.9	0	0	0	0

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30-Oct-09	1400	18.4	163	SSE	57.6	14.9	5.1	0	0	0	0
30-Oct-09	1500	21.7	175	S	54.6	63.1	7.2	0	0	0	0
30-Oct-09	1600	21.4	174	S	53.4	10.0	2.9	0	0	0	0
30-Oct-09	1700	16.1	177	S	51.7	8.1	4.4	0	0	0	0
30-Oct-09	1800	16.6	176	S	49.0	11.3	5.8	0	0	0	0
30-Oct-09	1900	13.4	184	S	51.0	16.4	4.8	0	0	0	0
30-Oct-09	2000	11.3	182	S	47.5	8.3	4.9	0	0	0	0
30-Oct-09	2100	14.6	196	SSW	47.4	9.0	5.8	0	0	0	0
30-Oct-09	2200	19.6	240	WSW	51.2	1.7	0.5	0	0	0	0
30-Oct-09	2300	15.2	261	W	41.3	2.3	0.5	0	0	0	0
30-Oct-09	2400	12.6	246	WSW	39.7	6.0	0.2	0	0	0	0
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31-Oct-09	200	8.3	199	SSW	41.5	4.3	0.7	0	0	0	0
31-Oct-09	300	12.7	222	SW	42.5	2.1	1.6	0	0	0	0
31-Oct-09	400	14.6	202	SSW	43.2	2.6	2.0	0	0	0	0
31-Oct-09	500	16.0	251	WSW	44.7	2.8	0.2	0	0	0	0

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31-Oct-09	700	6.3	198	SSW	47.0	1.1	0.5	0	0	0	0
31-Oct-09	800	8.0	162	SSE	51.4	13.4	3.2	0	0	0	0
31-Oct-09	900	13.8	250	WSW	49.4	1.9	0.8	0	0	0	0
31-Oct-09	1000	15.2	251	WSW	49.6	4.3	0.6	0	0	0	0
31-Oct-09	1100	35.7	264	W	62.4	29.6	6.6	0	0	0	0
31-Oct-09	1200	36.9	264	W	62.3	1.3	0.5	0	0	0	0
31-Oct-09	1300	31.6	250	WSW	55.7	3.2	0.2	0	0	0	0
31-Oct-09	1400	37.3	259	W	58.3	2.1	0.7	0	0	0	0
31-Oct-09	1500	26.3	253	WSW	59.2	3.0	0.6	0	0	0	0
31-Oct-09	1600	24.5	298	WNW	50.3	4.7	1.0	0	0	0	0
31-Oct-09	1700	15.4	330	NNW	44.5	1.5	0.9	0	0	0	0
31-Oct-09	1800	21.0	11	NNE	47.9	3.4	0.2	0	0	0	0
31-Oct-09	1900	21.8	8	N	44.4	1.3	1.1	0	0	0	0
31-Oct-09	2000	18.5	11	N	45.5	1.7	1.5	0	0	0	0
31-Oct-09	2100	13.4	35	NE	42.0	1.5	0.7	0	0	0	0

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31-Oct-09	2200	5.6	2	N	42.1	3.0	2.4	0	0	0	0
31-Oct-09	2300	6.3	138	SE	41.7	1.7	0.8	0	0	0	0
31-Oct-09	2400	7.1	228	SW	39.0	3.4	0.5	0	0	0	0
1-Nov-09	100	17.4	195	SSW	49.6	8.7	2.0	0	0	0	0
1-Nov-09	200	21.9	208	SSW	50.0	3.0	1.7	0	0	0	0
1-Nov-09	300	23.6	219	SW	52.2	3.8	2.4	0	0	0	0
1-Nov-09	400	14.1	223	SW	40.8	1.5	0.5	0	0	0	0
1-Nov-09	500	11.9	260	W	39.3	3.0	1.6	0	0	0	0
1-Nov-09	600	14.9	262	W	39.7	0.9	0.8	0	0	0	0
1-Nov-09	700	16.7	268	W	42.5	1.1	1.2	0	0	0	0
1-Nov-09	800	14.0	261	W	42.1	3.8	1.0	0	0	0	0
1-Nov-09	900	14.9	254	WSW	41.5	1.3	1.0	0	0	0	0
1-Nov-09	1000	18.1	273	W	49.3	2.3	0.3	0	0	0	0
1-Nov-09	1100	17.0	251	WSW	48.1	3.6	0.5	0	0	0	0
1-Nov-09	1200	26.8	283	WNW	52.8	2.1	0.2	0	0	0	0
1-Nov-09	1300	22.5	276	W	49.3	2.8	0.4	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											
1-Nov-09	1400	21.3	262	W	46.6	8.3	1.7	0	0	0	0
1-Nov-09	1500	24.3	258	WSW	52.8	2.1	0.3	0	0	0	0
1-Nov-09	1600	19.9	259	W	49.6	1.3	0.4	0	0	0	0
1-Nov-09	1700	16.8	255	WSW	43.7	1.1	1.0	0	0	0	0
1-Nov-09	1800	14.2	261	W	53.8	2.6	0.3	0	0	0	0
1-Nov-09	1900	13.1	257	WSW	44.5	1.5	0.8	0	0	0	0
1-Nov-09	2000	13.2	258	WSW	56.5	2.6	1.4	0	0	0	0
1-Nov-09	2100	15.8	256	WSW	43.5	1.3	1.0	0	0	0	0
1-Nov-09	2200	13.3	249	WSW	44.5	3.8	1.9	0	0	0	0
1-Nov-09	2300	12.5	255	WSW	46.7	2.6	1.2	0	0	0	0
1-Nov-09	2400	14.8	245	WSW	46.3	5.3	0.2	0	0	0	0
2-Nov-09	100	14.2	251	WSW	45.0	1.9	2.3	0	0	0	0
2-Nov-09	200	14.8	231	SW	46.4	1.3	1.3	0	0	0	0
2-Nov-09	300	18.8	251	WSW	45.1	3.8	1.4	0	0	0	0
2-Nov-09	400	17.6	244	WSW	44.1	1.9	0.5	0	0	0	0
2-Nov-09	500	11.2	222	SW	46.1	1.3	0.9	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
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	600	14.2	225	SW	45.4	3.0	2.7	0	0	0	0
2-Nov-09	700	14.1	216	SW	48.1	2.3	1.0	0	0	0	0
2-Nov-09	800	10.2	218	SW	51.6	6.8	3.5	0	0	0	0