

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 Daylight Savings 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 (Sat/Sun & holidays) Evenings (10:01pm-9:00am) – 50 dba											
1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
7-Jun-10	800	11.8	326	NNW	53.1	14.4	4.7	0	0	0	0
7-Jun-10	900	13.7	322	NW	52.0	12.9	3.4	0	0	0	0
7-Jun-10	1000	12.3	330	NNW	56.4	13.2	1.9	0	0	0	0
7-Jun-10	1100	12.7	335	NNW	54.0	22.4	3.6	0	0	0	0
7-Jun-10	1200	19.8	335	NNW	55.5	38.2	3.3	0	0	0	0
7-Jun-10	1300	24.0	339	NNW	57.3	58.7	4.0	0.1	0	0	0
7-Jun-10	1400	26.8	330	NNW	58.6	52.8	12.8	0.5	0	0	0
7-Jun-10	1500	27.8	339	NNW	61.5	74.6	5.4	2.6	0	0	0
7-Jun-10	1600	37.9	327	NNW	65.5	79.7	6.3	3	0	0	0
7-Jun-10	1700	33.3	321	NW	62.3	34.9	5.0	1.9	0	0	0
7-Jun-10	1800	24.0	326	NW	55.3	16.5	2.1	0.3	0	0	0
7-Jun-10	1900	31.5	328	NNW	60.5	20.0	4.6	0.5	0	0	0
7-Jun-10	2000	39.2	325	NW	66.0	17.8	3.2	3.6	0	0	0
7-Jun-10	2100	40.1	320	NW	66.0	18.5	3.5	1	0	0	0
7-Jun-10	2200	36.6	322	NW	63.8	8.5	2.1	1.9	0	0	0
7-Jun-10	2300	31.9	326	NW	59.8	3.0	0.8	0.4	0	0	0

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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 Daylight Savings Time is in effect, it is used for alarm consideration											
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1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
7-Jun-10	2400	23.0	329	NNW	51.9	3.0	1.8	0.1	0	0	0
8-Jun-10	100	22.0	328	NNW	51.0	5.8	2.5	0.1	0	0	0
8-Jun-10	200	23.9	327	NNW	52.4	7.0	3.7	0.1	0	0	0
8-Jun-10	300	25.4	320	NW	53.1	11.2	4.4	0.1	0	0	0
8-Jun-10	400	25.8	320	NW	54.0	9.7	4.4	0.3	0	0	0
8-Jun-10	500	22.9	323	NW	51.2	3.3	2.0	0	0	0	0
8-Jun-10	600	21.9	320	NW	53.3	9.5	3.3	0	0	0	0
8-Jun-10	700	20.7	320	NW	54.7	26.5	6.8	0	0	0	0
8-Jun-10	800	20.4	327	NNW	56.7	21.2	6.2	0	0	0	0
8-Jun-10	900	17.1	341	NNW	55.1	13.0	2.3	0	0	0	0
8-Jun-10	1000	12.7	350	N	55.4	13.9	3.9	0	0	0	0
8-Jun-10	1100	12.3	346	NNW	56.0	22.4	3.7	0	0	0	0
8-Jun-10	1200	11.0	357	N	57.1	25.8	7.4	0	0	0	0
8-Jun-10	1300	10.9	27	NNE	56.2	31.6	8.7	0	0	0	0
8-Jun-10	1400	11.2	47	NE	55.6	24.0	3.4	0	0	0	0
8-Jun-10	1500	11.2	62	ENE	55.4	29.6	10.2	0	0	0	0

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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					
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1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
8-Jun-10	1600	14.1	75	ENE	53.6	25.3	6.3	0	0	0	0
8-Jun-10	1700	15.3	90	E	50.4	16.1	5.0	0	0	0	0
8-Jun-10	1800	15.9	115	ESE	51.9	10.9	5.7	1	0	0	0
8-Jun-10	1900	15.4	88	E	50.6	12.4	1.2	0	0	0	0
8-Jun-10	2000	15.5	102	ESE	49.4	10.9	4.2	0	0	0	0
8-Jun-10	2100	13.9	99	E	49.5	18.9	3.4	0	0	0	0
8-Jun-10	2200	10.7	107	ESE	49.5	15.4	2.7	0	0	0	0
8-Jun-10	2300	9.7	37	NE	47.9	17.8	3.0	0	0	0	0
8-Jun-10	2400	11.1	72	ENE	47.6	19.1	6.9	0	0	0	0
9-Jun-10	100	12.1	86	E	47.1	21.8	8.7	0	0	0	0
9-Jun-10	200	12.4	91	E	46.9	30.1	14.1	0	0	0	0
9-Jun-10	300	12.8	98	E	46.5	37.4	16.4	0	0	0	0
9-Jun-10	400	15.8	123	ESE	47.6	30.8	13.7	0.1	0	0	0
9-Jun-10	500	17.9	126	SE	49.7	25.2	9.5	0	0	0	0
9-Jun-10	600	17.5	125	SE	53.2	30.4	11.8	0	0	0	0
9-Jun-10	700	16.7	127	SE	55.1	36.8	12.7	0	0	0	0

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9-Jun-10	800	16.1	123	ESE	55.9	41.8	13.8	0	0	0	0
9-Jun-10	900	15.1	115	ESE	57.6	45.2	14.0	0	0	0	0
9-Jun-10	1000	15.6	100	E	56.4	38.6	13.2	0	0	0	0
9-Jun-10	1100	15.8	89	E	57.4	30.5	10.6	0.9	0	0	0
9-Jun-10	1200	22.1	92	E	57.7	21.8	8.0	1.2	0	0	0
9-Jun-10	1300	23.9	86	E	57.3	17.4	7.1	1.9	0	0	0
9-Jun-10	1400	22.3	87	E	57.8	16.3	6.7	4.7	0	0	0
9-Jun-10	1500	21.7	92	E	57.4	12.1	4.6	3	0	0	0
9-Jun-10	1600	20.6	83	E	54.3	5.0	2.5	0.6	0	0	0
9-Jun-10	1700	14.6	70	ENE	50.8	7.0	3.7	0.4	0	0	0
9-Jun-10	1800	13.7	55	NE	49.1	2.6	1.0	0.1	0	0	0
9-Jun-10	1900	14.8	50	NE	48.9	1.5	1.0	0.1	0	0	0
9-Jun-10	2000	10.9	353	N	50.0	1.4	0.6	3.5	0	0	0
9-Jun-10	2100	14.6	353	N	52.3	1.6	1.3	5.5	0	0	0
9-Jun-10	2200	18.7	350	N	51.7	1.4	1.0	2.3	0	0	0
9-Jun-10	2300	18.4	345	NNW	50.3	1.2	1.0	1.6	0	0	0

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Alarms											
PM2.5						1 Hour Average – 80 ug/m3					
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1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
9-Jun-10	2400	23.7	329	NNW	52.8	1.0	0.9	0.1	0	0	0
10-Jun-10	100	27.5	327	NNW	55.4	1.4	1.2	0	0	0	0
10-Jun-10	200	27.1	329	NNW	55.4	1.6	1.4	0	0	0	0
10-Jun-10	300	30.9	325	NW	58.3	1.1	0.8	0	0	0	0
10-Jun-10	400	25.9	323	NW	53.2	1.5	0.7	0	0	0	0
10-Jun-10	500	27.5	329	NNW	55.9	1.8	0.6	0	0	0	0
10-Jun-10	600	24.6	334	NNW	56.2	0.9	0.4	0	0	0	0
10-Jun-10	700	23.7	334	NNW	56.5	0.9	0.7	0	0	0	0
10-Jun-10	800	24.6	335	NNW	57.4	1.0	0.7	0	0	0	0
10-Jun-10	900	25.9	334	NNW	57.9	1.4	1.0	0	0	0	0
10-Jun-10	1000	21.7	343	NNW	56.6	1.0	0.5	0.2	0	0	0
10-Jun-10	1100	21.9	340	NNW	56.1	1.1	0.5	0.2	0	0	0
10-Jun-10	1200	23.6	336	NNW	55.7	1.3	0.5	0	0	0	0
10-Jun-10	1300	23.0	332	NNW	55.1	1.1	0.6	0	0	0	0
10-Jun-10	1400	23.3	327	NNW	53.9	1.0	0.7	0.1	0	0	0
10-Jun-10	1500	17.9	328	NNW	52.4	1.5	1.1	0.3	0	0	0

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Alarms											
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10-Jun-10	1600	14.9	349	N	51.4	2.2	1.2	0.4	0	0	0
10-Jun-10	1700	15.3	7	N	53.1	1.8	1.3	0.2	0	0	0
10-Jun-10	1800	14.0	351	N	49.9	3.9	2.3	0	0	0	0
10-Jun-10	1900	12.7	347	NNW	48.9	8.7	3.0	0.1	0	0	0
10-Jun-10	2000	14.3	12	NNE	48.0	8.9	3.8	0	0	0	0
10-Jun-10	2100	7.8	359	N	51.6	11.8	4.5	0	0	0	0
10-Jun-10	2200	4.6	340	NNW	47.2	13.7	6.1	0	0	0	0
10-Jun-10	2300	6.6	346	NNW	46.6	14.5	5.6	2.1	0	0	0
10-Jun-10	2400	10.6	327	NNW	45.6	8.1	5.6	0.8	0	0	0
11-Jun-10	100	14.8	307	NW	45.7	11.0	3.5	0	0	0	0
11-Jun-10	200	16.6	314	NW	45.3	6.4	2.4	0.1	0	0	0
11-Jun-10	300	21.4	315	NW	48.2	6.9	5.0	0	0	0	0
11-Jun-10	400	14.8	324	NW	45.7	6.1	4.9	0	0	0	0
11-Jun-10	500	13.0	314	NW	47.2	6.8	5.4	0	0	0	0
11-Jun-10	600	6.2	7	N	51.3	14.5	7.4	0	1	0	0
11-Jun-10	700	7.4	327	NNW	54.7	11.6	5.8	0	0	0	0

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11-Jun-10	800	7.3	342	NNW	54.9	14.2	5.3	0	0	0	0
11-Jun-10	900	8.5	353	N	54.4	11.3	5.5	0	0	0	0
11-Jun-10	1000	8.4	328	NNW	51.3	13.4	5.4	0	0	0	0
11-Jun-10	1100	7.1	12	NNE	53.5	19.3	7.0	0.1	0	0	0
11-Jun-10	1200	8.7	346	NNW	53.0	15.8	5.6	0	0	0	0
11-Jun-10	1300	11.1	312	NW	52.9	21.4	8.6	0	0	0	0
11-Jun-10	1400	11.2	330	NNW	51.5	25.5	7.5	0	0	0	0
11-Jun-10	1500	8.0	348	NNW	51.1	21.4	8.4	0	0	0	0
11-Jun-10	1600	11.0	33	NNE	52.3	24.0	4.8	0	0	0	0
11-Jun-10	1700	10.0	76	ENE	52.5	19.0	4.6	0	0	0	0
11-Jun-10	1800	9.3	67	ENE	52.9	23.5	7.7	0	0	0	0
11-Jun-10	1900	7.8	63	ENE	51.4	18.5	7.1	0	0	0	0
11-Jun-10	2000	6.2	80	E	51.5	30.7	12.4	0	0	0	0
11-Jun-10	2100	6.9	136	SE	53.3	36.6	11.0	0	0	0	0
11-Jun-10	2200	6.2	178	S	53.1	45.8	9.1	0	1	0	0
11-Jun-10	2300	7.2	180	S	52.4	46.0	13.4	0	1	0	0

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12-Jun-10	100	9.5	201	SSW	50.0	40.6	15.3	0	0	0	0
12-Jun-10	200	9.5	231	SW	49.6	33.6	12.8	0	0	0	0
12-Jun-10	300	9.5	235	SW	50.2	23.9	7.5	0	1	0	0
12-Jun-10	400	8.2	243	WSW	48.6	19.7	7.6	0	0	0	0
12-Jun-10	500	9.1	259	W	49.0	19.3	6.6	0	0	0	0
12-Jun-10	600	7.4	248	WSW	52.5	16.4	4.3	0	1	0	0
12-Jun-10	700	8.2	234	SW	53.2	15.6	4.3	0	0	0	0
12-Jun-10	800	11.2	207	SSW	53.5	18.5	6.4	0	0	0	0
12-Jun-10	900	12.9	196	SSW	52.0	25.3	2.8	0	0	0	0
12-Jun-10	1000	12.8	184	S	52.2	22.4	7.1	0	0	0	0
12-Jun-10	1100	11.2	178	S	51.3	20.4	8.4	0	0	0	0
12-Jun-10	1200	12.2	148	SSE	55.5	22.4	5.1	0	0	0	0
12-Jun-10	1300	9.2	147	SSE	52.7	18.6	8.9	0	0	0	0
12-Jun-10	1400	11.7	140	SE	51.1	16.3	10.7	0	0	0	0
12-Jun-10	1500	14.6	145	SE	51.0	18.0	3.9	0	0	0	0

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1 Hour Average – Weekends (Sat/Sun & holidays) Evenings (10:01pm-9:00am) – 50 dba											
1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
12-Jun-10	1600	16.3	150	SSE	53.7	13.1	5.4	0	0	0	0
12-Jun-10	1700	19.6	144	SE	54.8	15.9	6.3	0	0	0	0
12-Jun-10	1800	21.4	151	SSE	54.0	17.2	8.0	0	0	0	0
12-Jun-10	1900	23.1	152	SSE	55.8	18.7	8.6	0	0	0	0
12-Jun-10	2000	23.6	160	SSE	56.1	16.8	7.5	0	0	0	0
12-Jun-10	2100	22.2	163	SSE	55.2	16.8	7.6	0	0	0	0
12-Jun-10	2200	20.1	165	SSE	53.3	20.4	8.6	0	0	0	0
12-Jun-10	2300	18.2	166	SSE	52.3	21.2	9.8	0	0	0	0
12-Jun-10	2400	13.0	183	S	50.6	25.7	8.3	0	0	0	0
13-Jun-10	100	10.7	220	SW	48.7	25.7	3.1	0	0	0	0
13-Jun-10	200	10.6	234	SW	48.1	15.5	7.6	0	0	0	0
13-Jun-10	300	13.2	256	WSW	48.6	12.2	2.0	0	0	0	0
13-Jun-10	400	15.0	266	W	46.2	12.2	9.2	0	0	0	0
13-Jun-10	500	14.1	261	W	44.1	6.8	2.7	0	0	0	0
13-Jun-10	600	13.1	264	W	46.9	3.2	0.4	0	0	0	0
13-Jun-10	700	13.5	269	W	45.6	4.5	1.1	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 Daylight Savings 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 (Sat/Sun & holidays) Evenings (10:01pm-9:00am) – 50 dba											
1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
13-Jun-10	800	16.8	268	W	48.2	14.2	6.6	0	0	0	0
13-Jun-10	900	20.4	273	W	49.1	11.1	3.1	0	0	0	0
13-Jun-10	1000	15.7	279	W	47.4	6.6	3.3	0	0	0	0
13-Jun-10	1100	8.9	309	NW	48.6	9.5	5.8	0	0	0	0
13-Jun-10	1200	8.1	249	WSW	47.7	8.3	0.7	0	0	0	0
13-Jun-10	1300	7.6	214	SW	50.9	7.5	1.3	0	0	0	0
13-Jun-10	1400	12.7	186	S	49.5	5.6	1.5	0	0	0	0
13-Jun-10	1500	14.9	152	SSE	50.9	12.5	6.9	0	0	0	0
13-Jun-10	1600	16.3	157	SSE	50.3	4.9	0.6	0	0	0	0
13-Jun-10	1700	18.4	158	SSE	51.1	6.6	0.6	0	0	0	0
13-Jun-10	1800	19.3	152	SSE	52.5	9.6	0.9	0	0	0	0
13-Jun-10	1900	17.9	167	SSE	52.5	13.8	2.8	0	0	0	0
13-Jun-10	2000	15.3	178	S	51.7	11.2	3.7	0	0	0	0
13-Jun-10	2100	9.3	252	WSW	51.9	8.5	3.0	0	0	0	0
13-Jun-10	2200	12.1	267	W	51.2	7.5	5.9	0	0	0	0
13-Jun-10	2300	14.5	270	W	51.2	6.6	3.5	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
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 Daylight Savings 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 (Sat/Sun & holidays) Evenings (10:01pm-9:00am) – 50 dba											
1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba											
13-Jun-10	2400	15.8	277	W	48.4	8.7	5.2	0	0	0	0
14-Jun-10	100	15.1	271	W	48.5	6.7	3.7	0	0	0	0
14-Jun-10	200	22.2	308	NW	56.2	22.2	4.2	0.1	0	0	0
14-Jun-10	300	29.3	333	NNW	59.3	13.7	1.2	0.1	0	0	0
14-Jun-10	400	23.2	348	NNW	56.3	12.6	3.0	0	0	0	0
14-Jun-10	500	19.9	349	N	52.7	3.0	1.1	0	0	0	0
14-Jun-10	600	17.1	349	N	52.4	9.7	2.2	0	0	0	0
14-Jun-10	700	17.0	342	NNW	53.7	27.3	6.8	0	0	0	0