

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											
22-Jun-09	800	29.2	337	NNW	56.4	3.8	0.1	0	0	0	0
22-Jun-09	900	31.4	345	NNW	59.6	7.0	1.7	0	0	0	0
22-Jun-09	1000	36.8	354	N	68.1	6.4	0.6	0	0	0	0
22-Jun-09	1100	35.3	343	NNW	62.9	5.3	1.3	0	0	0	0
22-Jun-09	1200	29.3	340	NNW	58.0	19.6	3.2	0	0	0	0
22-Jun-09	1300	24.2	342	NNW	53.8	7.5	2.7	0	0	0	0
22-Jun-09	1400	17.2	332	NNW	61.2	4.0	2.6	0	0	0	0
22-Jun-09	1500	23.2	335	NNW	53.4	11.9	4.8	0	0	0	0
22-Jun-09	1600	19.8	351	N	52.5	16.2	2.5	0	0	0	0
22-Jun-09	1700	25.2	347	NNW	53.4	13.9	2.5	0	0	0	0
22-Jun-09	1800	24.8	310	NW	49.7	3.8	0.4	0	0	0	0
22-Jun-09	1900	18.2	284	WNW	48.8	2.1	1.5	0	0	0	0
22-Jun-09	2000	19.1	289	WNW	46.8	1.9	0.9	0	0	0	0
22-Jun-09	2100	19.0	291	WNW	47.4	1.3	0.7	0	0	0	0
22-Jun-09	2200	19.6	277	W	46.4	2.1	1.3	0	0	0	0
22-Jun-09	2300	20.7	278	W	46.8	1.3	0.3	0	0	0	0

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Alarms											
PM2.5					1 Hour Average – 80 ug/m3						
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22-Jun-09	2400	19.1	287	WNW	44.7	1.1	0.5	0	0	0	0
23-Jun-09	100	23.2	292	WNW	47.3	1.5	0.5	0	0	0	0
23-Jun-09	200	25.7	291	WNW	51.7	0.9	0.2	0	0	0	0
23-Jun-09	300	25.7	282	WNW	50.7	2.1	0.2	0	0	0	0
23-Jun-09	400	16.9	304	NW	44.3	0.9	0.4	0	0	0	0
23-Jun-09	500	13.3	313	NW	43.5	2.6	0.1	0	0	0	0
23-Jun-09	600	14.2	274	W	47.4	3.6	0.6	0	0	0	0
23-Jun-09	700	14.3	274	W	48.1	1.5	0.2	0	0	0	0
23-Jun-09	800	13.2	263	W	46.6	5.8	0.6	0	0	0	0
23-Jun-09	900	18.0	288	WNW	51.5	1.9	0.0	0	0	0	0
23-Jun-09	1000	18.4	283	WNW	48.4	2.1	1.0	0	0	0	0
23-Jun-09	1100	14.6	263	W	47.5	1.9	1.6	0	0	0	0
23-Jun-09	1200	21.6	248	WSW	50.1	2.6	0.5	0	0	0	0
23-Jun-09	1300	19.1	271	W	52.3	3.4	0.2	0	0	0	0
23-Jun-09	1400	25.9	259	W	54.3	3.4	0.6	0	0	0	0
23-Jun-09	1500	27.7	260	W	56.3	6.2	0.2	0	0	0	0

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23-Jun-09	1600	24.5	285	WNW	51.7	1.3	0.2	0	0	0	0
23-Jun-09	1700	37.4	276	W	58.5	6.6	0.2	0	0	0	0
23-Jun-09	1800	25.9	255	WSW	53.2	1.9	0.5	0	0	0	0
23-Jun-09	1900	22.9	273	W	49.2	5.3	0.5	0	0	0	0
23-Jun-09	2000	18.1	264	W	44.2	3.0	0.9	0	0	0	0
23-Jun-09	2100	15.2	277	W	44.6	5.8	0.5	0	0	0	0
23-Jun-09	2200	15.1	274	W	47.0	3.4	1.9	0	0	0	0
23-Jun-09	2300	10.4	317	NW	40.1	7.7	2.6	0	0	0	0
23-Jun-09	2400	12.6	277	W	38.7	3.4	0.9	0	0	0	0
24-Jun-09	100	16.3	274	W	37.6	7.9	3.5	0	0	0	0
24-Jun-09	200	16.6	282	WNW	37.8	5.5	0.3	0	0	0	0
24-Jun-09	300	14.1	280	W	37.2	4.0	2.1	0	0	0	0
24-Jun-09	400	14.6	283	WNW	38.6	7.7	2.4	0	0	0	0
24-Jun-09	500	15.4	289	WNW	42.3	1.5	0.9	0	0	0	0
24-Jun-09	600	14.0	290	WNW	50.7	4.7	1.0	0	0	0	0
24-Jun-09	700	16.1	278	W	53.8	1.3	0.2	0	0	0	0

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24-Jun-09	800	16.9	282	WNW	53.6	8.7	0.4	0	0	0	0
24-Jun-09	900	13.1	274	W	52.3	6.6	3.0	0	0	0	0
24-Jun-09	1000	10.2	223	SW	55.9	9.0	2.9	0	0	0	0
24-Jun-09	1100	10.6	196	SSW	52.5	20.2	2.0	0	0	0	0
24-Jun-09	1200	11.4	203	SSW	54.6	13.2	0.3	0	0	0	0
24-Jun-09	1300	11.7	188	S	58.3	11.1	1.0	0	0	0	0
24-Jun-09	1400	19.7	152	SSE	55.6	11.9	2.1	0	0	0	0
24-Jun-09	1500	19.1	170	S	57.4	15.1	0.6	0	0	0	0
24-Jun-09	1600	20.9	176	S	55.0	8.1	1.0	0	0	0	0
24-Jun-09	1700	24.4	165	SSE	56.5	16.0	1.1	0	0	0	0
24-Jun-09	1800	19.8	214	SW	51.8	5.1	1.0	0	0	0	0
24-Jun-09	1900	19.1	197	SSW	50.3	8.7	0.3	0	0	0	0
24-Jun-09	2000	22.1	168	SSE	53.4	9.2	0.5	0	0	0	0
24-Jun-09	2100	15.4	195	SSW	45.0	10.9	1.1	0	0	0	0
24-Jun-09	2200	5.2	232	SW	45.3	9.4	1.9	0	0	0	0
24-Jun-09	2300	7.4	297	WNW	41.9	6.8	2.9	0	0	0	0

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24-Jun-09	2400	7.5	244	WSW	45.0	6.4	1.1	0	0	0	0
25-Jun-09	100	5.3	231	SW	41.5	8.7	1.1	0	0	0	0
25-Jun-09	200	9.0	230	SW	45.6	10.9	3.6	0	0	0	0
25-Jun-09	300	11.2	172	S	42.3	10.7	2.6	0	0	0	0
25-Jun-09	400	10.0	188	S	44.6	9.6	2.5	0	0	0	0
25-Jun-09	500	14.8	183	S	45.2	12.2	3.0	0	0	0	0
25-Jun-09	600	13.5	196	SSW	55.8	12.2	4.0	0	0	0	0
25-Jun-09	700	17.8	205	SSW	56.7	43.7	15.0	0	0	0	0
25-Jun-09	800	22.8	200	SSW	56.1	27.3	1.4	0	0	0	0
25-Jun-09	900	27.7	203	SSW	59.6	36.2	3.8	0	0	0	0
25-Jun-09	1000	28.1	228	SW	63.6	16.0	5.4	0	0	0	0
25-Jun-09	1100	21.3	279	W	50.8	4.7	2.3	0	0	0	0
25-Jun-09	1200	33.8	295	WNW	59.5	1.3	0.9	0	0	0	0
25-Jun-09	1300	45.7	285	WNW	67.3	6.6	0.6	0	0	0	0
25-Jun-09	1400	43.1	284	WNW	66.7	6.8	1.0	0	0	0	0
25-Jun-09	1500	32.1	262	W	56.3	2.8	0.0	0	0	0	0

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25-Jun-09	1600	37.3	272	W	63.8	2.6	0.3	0	0	0	0
25-Jun-09	1700	38.5	273	W	61.2	6.8	0.5	0	0	0	0
25-Jun-09	1800	32.6	268	W	58.3	3.0	1.4	0	0	0	0
25-Jun-09	1900	26.9	286	WNW	54.3	2.8	1.0	0	0	0	0
25-Jun-09	2000	26.7	269	W	55.7	1.7	0.4	0	0	0	0
25-Jun-09	2100	22.8	264	W	49.1	2.1	0.7	0	0	0	0
25-Jun-09	2200	13.5	283	WNW	46.6	5.3	0.7	0	0	0	0
25-Jun-09	2300	10.9	300	WNW	39.3	1.9	1.3	0	0	0	0
25-Jun-09	2400	10.8	287	WNW	38.2	2.8	0.6	0	0	0	0
26-Jun-09	100	11.5	282	WNW	36.4	4.9	3.8	0	0	0	0
26-Jun-09	200	10.8	273	W	37.5	3.8	0.6	0	0	0	0
26-Jun-09	300	10.6	271	W	37.8	6.2	1.3	0	0	0	0
26-Jun-09	400	10.4	257	WSW	38.2	5.5	0.6	0	0	0	0
26-Jun-09	500	10.0	266	W	47.0	19.0	2.4	0	0	0	0
26-Jun-09	600	9.5	279	W	48.5	8.7	2.1	0	0	0	0
26-Jun-09	700	9.9	266	W	54.9	6.6	1.0	0	0	0	0

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26-Jun-09	800	14.8	253	WSW	60.3	8.5	1.5	0	0	0	0
26-Jun-09	900	20.4	269	W	57.6	8.3	1.4	0	0	0	0
26-Jun-09	1000	27.8	278	W	54.5	3.0	1.5	0	0	0	0
26-Jun-09	1100	23.1	273	W	51.2	3.8	0.5	0	0	0	0
26-Jun-09	1200	23.6	252	WSW	59.4	4.5	0.7	0	0	0	0
26-Jun-09	1300	25.1	245	WSW	53.0	11.3	2.5	0	0	0	0
26-Jun-09	1400	25.0	286	WNW	56.6	4.9	1.6	0	0	0	0
26-Jun-09	1500	22.9	257	WSW	54.9	9.2	3.0	0	0	0	0
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27-Jun-09	1400	22.3	273	W	50.5	14.3	2.5	0	0	0	0
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27-Jun-09	1600	13.9	238	WSW	45.9	20.2	0.6	0	0	0	0
27-Jun-09	1700	14.6	275	W	45.7	20.0	2.3	0	0	0	0
27-Jun-09	1800	13.2	235	SW	43.8	23.0	5.7	0	0	0	0
27-Jun-09	1900	13.2	199	SSW	47.9	24.5	5.6	0	0	0	0
27-Jun-09	2000	15.2	175	S	45.6	21.7	5.5	0	0	0	0
27-Jun-09	2100	16.8	179	S	48.9	26.8	2.1	0	0	0	0
27-Jun-09	2200	15.5	164	SSE	48.1	33.9	3.6	0	0	0	0
27-Jun-09	2300	13.7	178	S	43.0	27.7	8.9	0	0	0	0
27-Jun-09	2400	14.0	161	SSE	46.1	33.2	8.0	0	0	0	0
28-Jun-09	100	10.9	178	S	40.1	34.3	5.2	0	0	0	0
28-Jun-09	200	14.6	195	SSW	42.4	27.5	6.7	0	0	0	0
28-Jun-09	300	13.2	205	SSW	42.0	30.9	6.0	0	0	0	0
28-Jun-09	400	13.0	214	SW	40.0	29.6	10.5	0	0	0	0
28-Jun-09	500	14.5	220	SW	44.4	46.9	9.9	0	0	0	0
28-Jun-09	600	13.0	230	SW	42.2	37.1	6.6	0	0	0	0
28-Jun-09	700	14.0	221	SW	46.8	31.3	7.9	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											
28-Jun-09	800	11.9	209	SSW	41.7	35.2	5.9	0	0	0	0
28-Jun-09	900	15.0	264	W	48.7	27.9	4.2	0	0	0	0
28-Jun-09	1000	16.3	294	WNW	47.3	17.7	6.7	0	0	0	0
28-Jun-09	1100	17.6	306	NW	46.4	13.0	5.4	0	0	0	0
28-Jun-09	1200	15.4	247	WSW	60.6	27.5	6.4	0	0	0	0
28-Jun-09	1300	15.4	305	NW	49.6	23.2	1.7	0	0	0	0
28-Jun-09	1400	19.5	21	NNE	51.5	16.6	2.2	0	0	0	0
28-Jun-09	1500	22.3	22	NNE	53.0	13.4	0.3	0	0	0	0
28-Jun-09	1600	19.3	40	NE	52.6	9.4	1.3	0	0	0	0
28-Jun-09	1700	19.4	38	NE	54.1	16.4	0.3	0	0	0	0
28-Jun-09	1800	19.7	26	NNE	51.3	4.9	2.9	0	0	0	0
28-Jun-09	1900	28.4	17	NNE	57.9	8.7	0.4	0	0	0	0
28-Jun-09	2000	21.9	23	NNE	52.5	1.5	0.3	0	0	0	0
28-Jun-09	2100	16.5	10	N	52.8	7.9	3.0	0	0	0	0
28-Jun-09	2200	14.5	4	N	50.8	9.6	4.9	0	0	0	0
28-Jun-09	2300	11.3	6	N	47.4	8.3	2.1	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 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											
28-Jun-09	2400	13.8	3	N	40.6	14.3	3.2	0	0	0	0
29-Jun-09	100	11.4	4	N	36.8	13.6	2.9	0	0	0	0
29-Jun-09	200	9.4	10	N	38.3	11.7	3.7	0	0	0	0
29-Jun-09	300	5.5	18	NNE	38.1	8.1	1.5	0	0	0	0
29-Jun-09	400	4.2	121	ESE	37.2	11.1	1.3	0	0	0	0
29-Jun-09	500	8.6	167	SSE	47.3	12.4	4.1	0	0	0	0
29-Jun-09	600	14.5	163	SSE	51.2	12.8	4.6	0	0	0	0
29-Jun-09	700	16.1	151	SSE	52.4	17.3	5.8	0	0	0	0