

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 alarm		1 Hour Average – 85 dba									
All Times are Mountain Standard Time											
22-Aug-11	800	11.9	233	SW	55.4	9.7	3.9	0	0	0	0
22-Aug-11	900	11.6	240	WSW	55.3	11.8	3.7	0	0	0	0
22-Aug-11	1000	8.8	254	WSW	55.7	16.6	6.1	0	0	0	0
22-Aug-11	1100	10.1	243	WSW	54.5	15.0	4.7	0	0	0	0
22-Aug-11	1200	11.7	207	SSW	55.7	15.0	5.8	0	0	0	0
22-Aug-11	1300	14.9	199	SSW	55.3	12.3	3.6	0	0	0	0
22-Aug-11	1400	16.0	179	S	55.3	13.6	3.2	0	0	0	0
22-Aug-11	1500	17.2	172	S	54.8	16.8	3.6	0	0	0	0
22-Aug-11	1600	8.6	178	S	52.4	25.4	6.6	0	0	0	0
22-Aug-11	1700	6.8	246	WSW	49.3	13.0	2.5	0	0	0	0
22-Aug-11	1800	6.4	294	WNW	50.2	29.2	5.8	0	0	0	0
22-Aug-11	1900	11.9	299	WNW	48.3	10.0	3.0	0	0	0	0
22-Aug-11	2000	13.2	289	WNW	46.8	8.9	2.7	0	0	0	0
22-Aug-11	2100	13.5	315	NW	47.5	33.0	9.8	0	0	0	0
22-Aug-11	2200	11.0	305	NW	47.5	26.7	8.1	0	0	0	0
22-Aug-11	2300	17.7	296	WNW	47.2	10.3	5.4	0	0	0	0
22-Aug-11	2400	11.5	301	WNW	44.9	37.1	10.5	0	0	0	0
23-Aug-11	100	12.1	304	WNW	46.2	22.7	6.4	0	0	0	0
23-Aug-11	200	13.3	309	NW	45.2	12.0	4.7	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									
TSP		1 Hour Average – 267 ug/m3									
Sound alarm		1 Hour Average – 85 dba									
All Times are Mountain Standard Time											
23-Aug-11	300	15.3	287	WNW	45.2	7.5	2.5	0	0	0	0
23-Aug-11	400	7.3	326	NW	43.9	7.4	2.8	0	0	0	0
23-Aug-11	500	14.1	319	NW	51.4	37.6	6.6	0	0	0	0
23-Aug-11	600	17.6	345	NNW	56.4	33.2	5.8	0	0	0	0
23-Aug-11	700	24.4	337	NNW	58.9	25.7	4.3	0	0	0	0
23-Aug-11	800	18.6	347	NNW	58.0	58.5	9.8	0	0	0	0
23-Aug-11	900	14.7	348	NNW	56.3	58.0	10.6	0	0	0	0
23-Aug-11	1000	9.7	10	N	55.7	59.9	10.9	0	0	0	0
23-Aug-11	1100	5.3	30	NNE	55.8	29.3	4.5	0	0	0	0
23-Aug-11	1200	8.3	124	ESE	56.6	26.0	5.5	0	0	0	0
23-Aug-11	1300	9.2	164	SSE	56.3	10.0	2.4	0	0	0	0
23-Aug-11	1400	12.5	138	SE	56.4	21.5	3.4	0	0	0	0
23-Aug-11	1500	14.0	130	SE	56.2	8.6	1.7	0	0	0	0
23-Aug-11	1600	14.2	159	SSE	53.9	7.6	1.4	0	0	0	0
23-Aug-11	1700	13.2	169	S	52.5	4.2	0.8	0	0	0	0
23-Aug-11	1800	12.7	160	SSE	50.6	4.1	0.8	0	0	0	0
23-Aug-11	1900	9.7	179	S	47.5	8.3	1.5	0	0	0	0
23-Aug-11	2000	8.6	205	SSW	47.9	16.3	3.6	0	0	0	0
23-Aug-11	2100	3.5	174	S	47.1	85.6	12.4	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 alarm		1 Hour Average – 85 dba									
All Times are Mountain Standard Time											
23-Aug-11	2200	7.2	215	SW	47.9	29.4	8.4	0	0	0	0
23-Aug-11	2300	9.7	228	SW	46.4	26.3	5.3	0	0	0	0
23-Aug-11	2400	7.1	187	S	45.0	21.0	7.5	0	0	0	0
24-Aug-11	100	7.5	196	SSW	45.0	20.8	5.6	0	0	0	0
24-Aug-11	200	9.1	192	SSW	45.3	17.7	4.1	0	0	0	0
24-Aug-11	300	9.5	190	S	46.6	15.7	3.4	0	0	0	0
24-Aug-11	400	9.9	176	S	48.9	15.2	3.5	0	0	0	0
24-Aug-11	500	11.8	186	S	52.1	19.4	4.7	0	0	0	0
24-Aug-11	600	11.0	195	SSW	56.6	19.7	3.8	0	0	0	0
24-Aug-11	700	8.7	200	SSW	57.8	18.9	5.9	0	0	0	0
24-Aug-11	800	10.5	214	SW	57.1	13.1	4.1	0	0	0	0
24-Aug-11	900	11.9	215	SW	56.2	4.7	3.4	0	0	0	0
24-Aug-11	1000	7.8	213	SSW	55.3	4.3	1.2	0	0	0	0
24-Aug-11	1100	7.8	191	SSW	56.4	13.0	2.9	0	0	0	0
24-Aug-11	1200	6.9	196	SSW	55.9	4.4	1.0	0	0	0	0
24-Aug-11	1300	7.8	210	SSW	55.4	2.0	0.5	0	0	0	0
24-Aug-11	1400	9.1	179	S	55.8	4.5	1.7	0	0	0	0
24-Aug-11	1500	10.8	205	SSW	55.0	5.6	1.7	0	0	0	0
24-Aug-11	1600	10.6	222	SW	52.2	3.0	0.8	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 alarm		1 Hour Average – 85 dba									
All Times are Mountain Standard Time											
24-Aug-11	1700	8.6	246	WSW	49.8	3.7	1.3	0	0	0	0
24-Aug-11	1800	9.2	266	W	47.9	6.0	2.4	0	0	0	0
24-Aug-11	1900	9.2	271	W	48.6	17.1	4.3	0	0	0	0
24-Aug-11	2000	11.1	280	W	47.7	11.7	4.0	0	0	0	0
24-Aug-11	2100	15.0	270	W	46.5	11.9	3.9	0	0	0	0
24-Aug-11	2200	19.4	294	WNW	49.6	12.6	3.8	0	0	0	0
24-Aug-11	2300	25.8	330	NNW	54.9	29.7	4.5	0	0	0	0
24-Aug-11	2400	22.2	333	NNW	52.6	28.6	7.3	0	0	0	0
25-Aug-11	100	14.2	336	NNW	50.0	23.3	5.0	0	0	0	0
25-Aug-11	200	12.0	341	NNW	50.4	24.4	5.2	0	0	0	0
25-Aug-11	300	9.0	340	NNW	49.6	15.9	6.7	0	0	0	0
25-Aug-11	400	13.3	337	NNW	51.1	18.0	5.3	0	0	0	0
25-Aug-11	500	13.8	337	NNW	50.4	17.6	4.1	0	0	0	0
25-Aug-11	600	11.2	346	NNW	55.8	38.0	5.6	0	0	0	0
25-Aug-11	700	11.8	345	NNW	57.8	39.7	5.6	0	0	0	0
25-Aug-11	800	13.6	334	NNW	56.6	33.5	6.3	0	0	0	0
25-Aug-11	900	15.3	340	NNW	54.7	24.5	4.6	0	0	0	0
25-Aug-11	1000	10.4	359	NNW	55.4	46.6	8.3	0	0	0	0
25-Aug-11	1100	7.4	56	NE	55.9	64.1	10.5	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
<u>Alarms</u>											
PM2.5		1 Hour Average – 80 ug/m3									
TSP		1 Hour Average – 267 ug/m3									
Sound alarm		1 Hour Average – 85 dba									
All Times are Mountain Standard Time											
25-Aug-11	1200	9.3	40	NE	56.7	82.7	13.6	0	0	0	0
25-Aug-11	1300	8.5	70	ENE	56.5	57.8	9.4	0	0	0	0
25-Aug-11	1400	9.0	59	ENE	56.4	41.3	6.2	0	0	0	0
25-Aug-11	1500	9.4	84	E	54.7	25.3	4.1	0	0	0	0
25-Aug-11	1600	9.7	96	E	53.7	19.0	3.3	0	0	0	0
25-Aug-11	1700	11.1	113	ESE	51.1	24.9	3.6	0	0	0	0
25-Aug-11	1800	11.4	89	E	51.3	42.8	5.7	0	0	0	0
25-Aug-11	1900	9.6	62	ENE	49.0	28.2	4.1	0	0	0	0
25-Aug-11	2000	10.6	57	ENE	51.1	29.6	5.0	0	0	0	0
25-Aug-11	2100	11.8	56	NE	50.7	34.1	7.4	0	0	0	0
25-Aug-11	2200	7.6	61	ENE	51.5	30.1	5.5	0	0	0	0
25-Aug-11	2300	5.8	84	E	50.5	46.1	6.3	0	0	0	0
25-Aug-11	2400	7.4	90	E	48.4	45.3	7.7	0	0	0	0
26-Aug-11	100	8.1	119	ESE	48.8	54.5	11.6	0	0	0	0
26-Aug-11	200	8.7	139	SE	47.5	18.2	4.6	0	0	0	0
26-Aug-11	300	11.0	147	SSE	45.4	19.7	4.0	0	0	0	0
26-Aug-11	400	11.1	155	SSE	45.2	20.2	4.3	0	0	0	0
26-Aug-11	500	14.1	166	SSE	48.8	19.8	5.3	0	0	0	0
26-Aug-11	600	14.3	161	SSE	55.0	26.4	6.2	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 alarm		1 Hour Average – 85 dba									
All Times are Mountain Standard Time											
26-Aug-11	700	13.2	158	SSE	56.3	44.5	7.5	0	0	0	0
26-Aug-11	800	18.1	165	SSE	56.2	45.4	8.1	0	0	0	0
26-Aug-11	900	22.4	167	SSE	57.8	34.6	6.9	0	0	0	0
26-Aug-11	1000	20.4	163	SSE	57.4	35.9	7.0	0	0	0	0
26-Aug-11	1100	20.5	161	SSE	57.6	34.4	6.4	0	0	0	0
26-Aug-11	1200	15.4	153	SSE	57.1	38.4	6.8	0	0	0	0
26-Aug-11	1300	14.2	142	SE	57.5	40.9	6.0	0	0	0	0
26-Aug-11	1400	14.6	134	SE	57.4	21.3	3.6	0	0	0	0
26-Aug-11	1500	13.5	114	ESE	56.6	39.5	5.5	0	0	0	0
26-Aug-11	1600	14.0	110	ESE	54.5	32.9	4.2	0	0	0	0
26-Aug-11	1700	12.4	99	E	52.6	38.4	5.1	0	0	0	0
26-Aug-11	1800	10.9	99	E	51.0	45.6	6.1	0	0	0	0
26-Aug-11	1900	11.2	92	E	49.2	99.3	12.4	0	0	0	0
26-Aug-11	2000	5.8	55	NE	50.5	53.4	7.1	0	0	0	0
26-Aug-11	2100	6.1	53	NE	49.2	81.6	11.3	0	0	0	0
26-Aug-11	2200	5.1	27	NNE	51.3	91.9	12.9	0	0	0	0
26-Aug-11	2300	5.9	35	NE	49.7	95.3	10.5	0	0	0	0
26-Aug-11	2400	5.0	26	NNE	49.6	107.7	12.3	0	0	0	0
27-Aug-11	100	4.8	316	NW	48.4	129.3	16.1	0	0	0	0

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<u>Alarms</u>											
PM2.5		1 Hour Average – 80 ug/m3									
TSP		1 Hour Average – 267 ug/m3									
Sound alarm		1 Hour Average – 85 dba									
All Times are Mountain Standard Time											
27-Aug-11	200	5.9	315	NW	50.4	83.3	10.3	0	0	0	0
27-Aug-11	300	5.5	313	NW	45.9	56.9	8.0	0	0	0	0
27-Aug-11	400	4.7	325	NW	46.7	50.0	6.6	0	0	0	0
27-Aug-11	500	6.7	304	NW	48.6	63.5	8.5	0	0	0	0
27-Aug-11	600	9.6	304	NW	56.3	58.5	14.0	0	0	0	0
27-Aug-11	700	9.8	307	NW	56.5	85.8	22.0	0	0	0	0
27-Aug-11	800	8.8	304	NW	54.8	64.2	13.6	0	0	0	0
27-Aug-11	900	6.2	301	WNW	55.1	58.9	10.7	0	0	0	0
27-Aug-11	1000	4.8	286	WNW	54.4	42.2	7.9	0	0	0	0
27-Aug-11	1100	4.3	273	W	55.0	37.6	7.7	0	0	0	0
27-Aug-11	1200	4.7	321	NW	54.9	55.1	11.3	0	0	0	0
27-Aug-11	1300	6.6	297	WNW	53.3	16.8	4.4	0	0	0	0
27-Aug-11	1400	6.2	250	WSW	54.2	12.8	3.5	0	0	0	0
27-Aug-11	1500	8.6	133	SE	54.2	31.0	7.6	0	0	0	0
27-Aug-11	1600	11.5	156	SSE	52.9	25.4	6.1	0	0	0	0
27-Aug-11	1700	11.9	152	SSE	51.6	40.7	8.1	0	0	0	0
27-Aug-11	1800	14.5	140	SE	49.4	36.3	6.6	0	0	0	0
27-Aug-11	1900	9.8	146	SSE	48.1	32.6	6.3	0	0	0	0
27-Aug-11	2000	6.6	115	ESE	46.9	40.2	7.8	0	0	0	0

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Alarms											
PM2.5		1 Hour Average – 80 ug/m3									
TSP		1 Hour Average – 267 ug/m3									
Sound alarm		1 Hour Average – 85 dba									
All Times are Mountain Standard Time											
27-Aug-11	2100	4.8	69	ENE	47.3	54.5	11.1	0	0	0	0
27-Aug-11	2200	2.8	163	SSE	48.0	45.2	9.1	0	0	0	0
27-Aug-11	2300	3.2	198	SSW	45.6	50.4	7.6	0	0	0	0
27-Aug-11	2400	5.0	103	ESE	46.8	77.0	12.5	0	0	0	0
28-Aug-11	100	14.8	333	NNW	52.3	72.0	10.5	0	0	0	0
28-Aug-11	200	17.3	336	NNW	52.4	56.9	11.2	0	0	0	0
28-Aug-11	300	17.4	340	NNW	49.8	39.6	9.1	0	0	0	0
28-Aug-11	400	14.8	347	NNW	47.9	35.0	11.6	0	0	0	0
28-Aug-11	500	12.7	342	NNW	48.7	32.0	9.7	0	0	0	0
28-Aug-11	600	9.0	304	WNW	49.8	32.7	6.8	0	0	0	0
28-Aug-11	700	8.7	309	NW	52.9	33.8	8.3	0	0	0	0
28-Aug-11	800	10.4	325	NW	50.3	41.5	9.3	0	0	0	0
28-Aug-11	900	4.9	8	N	50.6	33.5	7.7	0	0	0	0
28-Aug-11	1000	6.0	96	E	51.7	37.4	9.7	0	0	0	0
28-Aug-11	1100	10.9	116	ESE	50.9	22.2	5.2	0	0	0	0
28-Aug-11	1200	14.9	144	SE	51.2	18.7	3.6	0	0	0	0
28-Aug-11	1300	15.1	152	SSE	52.4	20.8	4.9	0	0	0	0
28-Aug-11	1400	15.3	136	SE	52.3	22.4	5.6	0	0	0	0
28-Aug-11	1500	15.6	142	SE	51.5	32.3	4.3	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
<u>Alarms</u>											
PM2.5		1 Hour Average – 80 ug/m3									
TSP		1 Hour Average – 267 ug/m3									
Sound alarm		1 Hour Average – 85 dba									
All Times are Mountain Standard Time											
28-Aug-11	1600	15.0	156	SSE	50.3	17.3	3.3	0	0	0	0
28-Aug-11	1700	15.7	143	SE	50.3	33.8	7.4	0	0	0	0
28-Aug-11	1800	13.9	136	SE	49.4	34.0	5.9	0	0	0	0
28-Aug-11	1900	12.2	121	ESE	49.2	39.3	7.2	0	0	0	0
28-Aug-11	2000	9.3	122	ESE	50.2	41.7	8.4	0	0	0	0
28-Aug-11	2100	8.7	114	ESE	49.5	136.4	24.1	0	0	0	0
28-Aug-11	2200	9.9	131	SE	50.7	44.0	10.3	0	0	0	0
28-Aug-11	2300	9.1	148	SSE	49.1	38.2	8.7	0	0	0	0
28-Aug-11	2400	8.2	140	SE	46.4	50.2	8.0	0	0	0	0
29-Aug-11	100	8.6	150	SSE	45.8	41.5	7.9	0	0	0	0
29-Aug-11	200	8.4	171	S	44.7	41.5	10.6	0	0	0	0
29-Aug-11	300	8.5	183	S	45.5	37.1	9.4	0	0	0	0
29-Aug-11	400	6.6	190	S	46.1	35.6	6.8	0	0	0	0
29-Aug-11	500	10.5	206	SSW	49.3	45.4	11.2	0	0	0	0
29-Aug-11	600	13.1	207	SSW	55.2	38.2	11.0	0	0	0	0
29-Aug-11	700	14.5	215	SW	56.8	31.1	7.7	0	0	0	0