

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
<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											
5-Dec-11	800	22.9	274	W	54.2	1.3	1.0	0	0	0	0
5-Dec-11	900	22.9	266	W	53.2	6.6	6.6	0	0	0	0
5-Dec-11	1000	23.9	259	W	54.4	2.3	0.7	0	0	0	0
5-Dec-11	1100	18.8	258	WSW	51.7	2.6	0.6	0	0	0	0
5-Dec-11	1200	24.8	266	W	55.2	6.2	4.6	0	0	0	0
5-Dec-11	1300	21.0	267	W	52.5	2.9	0.8	0	0	0	0
5-Dec-11	1400	22.2	266	W	52.7	3.1	2.4	0	0	0	0
5-Dec-11	1500	28.0	268	W	58.3	1.1	0.7	0	0	0	0
5-Dec-11	1600	28.1	270	W	58.0	2.1	1.1	0	0	0	0
5-Dec-11	1700	24.4	267	W	54.1	1.5	0.6	0	0	0	0
5-Dec-11	1800	23.1	263	W	53.0	1.3	0.8	0	0	0	0
5-Dec-11	1900	32.4	266	W	62.7	2.8	1.7	0	0	0	0
5-Dec-11	2000	24.0	251	WSW	52.1	2.5	1.4	0	0	0	0
5-Dec-11	2100	28.2	270	W	58.1	1.6	1.2	0	0	0	0
5-Dec-11	2200	28.3	269	W	58.1	3.6	1.5	0	0	0	0
5-Dec-11	2300	31.9	271	W	61.8	3.5	1.1	0	0	0	0
5-Dec-11	2400	23.8	258	WSW	51.7	2.8	2.4	0	0	0	0
6-Dec-11	100	24.1	257	WSW	51.5	3.0	0.9	0	0	0	0
6-Dec-11	200	24.4	255	WSW	51.9	3.4	1.7	0	0	0	0
6-Dec-11	300	28.7	258	WSW	57.4	3.1	3.0	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											
6-Dec-11	400	31.2	257	WSW	60.4	2.3	1.4	0	0	0	0
6-Dec-11	500	35.1	258	WSW	64.6	2.2	0.7	0	0	0	0
6-Dec-11	600	38.0	267	W	67.5	2.7	1.4	0	0	0	0
6-Dec-11	700	31.5	260	W	61.6	2.8	0.9	0	0	0	0
6-Dec-11	800	22.4	250	WSW	55.5	3.9	1.9	0	0	0	0
6-Dec-11	900	20.7	245	WSW	53.2	3.9	2.3	0	0	0	0
6-Dec-11	1000	19.9	253	WSW	51.9	2.3	0.6	0	0	0	0
6-Dec-11	1100	19.9	274	W	54.5	3.3	1.5	0	0	0	0
6-Dec-11	1200	22.1	347	NNW	55.7	3.1	0.7	0	0	0	0
6-Dec-11	1300	25.4	2	N	58.4	5.1	2.7	0	0	0	0
6-Dec-11	1400	29.6	4	N	60.5	4.0	1.4	0	0	0	0
6-Dec-11	1500	28.9	351	N	60.4	1.6	1.5	0	0	0	0
6-Dec-11	1600	25.5	352	N	58.2	3.2	1.4	0	0	0	0
6-Dec-11	1700	17.1	348	NNW	52.8	5.6	2.3	0	0	0	0
6-Dec-11	1800	13.3	345	NNW	49.6	1.8	1.3	0	0	0	0
6-Dec-11	1900	15.5	2	N	50.4	1.1	0.7	0	0	0	0
6-Dec-11	2000	16.3	4	N	49.1	2.2	1.1	0	0	0	0
6-Dec-11	2100	13.8	358	N	49.1	2.7	1.1	0	0	0	0
6-Dec-11	2200	11.0	359	N	46.2	4.1	1.6	0	0	0	0
6-Dec-11	2300	8.1	352	N	46.1	2.4	1.6	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
<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											
6-Dec-11	2400	4.8	20	NNE	44.4	2.7	1.5	0	0	0	0
7-Dec-11	100	2.9	212	SSW	43.9	1.9	1.5	0	0	0	0
7-Dec-11	200	3.9	233	SW	44.6	3.3	1.8	0	0	0	0
7-Dec-11	300	2.8	188	S	44.9	2.3	0.6	0	0	0	0
7-Dec-11	400	4.6	93	E	44.8	12.4	5.5	0	0	0	0
7-Dec-11	500	7.2	35	NE	44.3	20.0	7.7	0	0	0	0
7-Dec-11	600	9.7	16	NNE	45.1	39.8	11.1	0	0	0	0
7-Dec-11	700	7.3	351	N	47.9	15.5	4.9	0	0	0	0
7-Dec-11	800	14.5	354	N	52.5	11.1	6.1	0	0	0	0
7-Dec-11	900	22.2	357	N	55.5	7.5	3.3	0	0	0	0
7-Dec-11	1000	29.3	358	N	59.2	8.8	2.5	0	0	0	0
7-Dec-11	1100	24.2	355	N	56.2	12.7	4.5	0	0	0	0
7-Dec-11	1200	22.7	11	N	55.1	9.8	3.7	0	0	0	0
7-Dec-11	1300	23.1	6	N	54.4	10.9	4.6	0	0	0	0
7-Dec-11	1400	23.0	358	N	55.6	8.8	3.1	0	0	0	0
7-Dec-11	1500	24.0	356	N	55.7	8.0	4.3	0	0	0	0
7-Dec-11	1600	20.4	349	NNW	54.5	7.8	2.3	0	0	0	0
7-Dec-11	1700	13.7	329	NNW	51.1	5.2	2.3	0	0	0	0
7-Dec-11	1800	13.8	332	NNW	49.9	7.0	3.0	0	0	0	0
7-Dec-11	1900	18.8	328	NNW	51.9	3.4	1.7	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
<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											
7-Dec-11	2000	20.6	325	NW	52.3	3.7	2.2	0	0	0	0
7-Dec-11	2100	14.7	307	NW	47.9	6.7	4.2	0	0	0	0
7-Dec-11	2200	10.6	300	WNW	45.9	6.1	2.2	0	0	0	0
7-Dec-11	2300	8.1	279	W	45.5	6.5	3.4	0	0	0	0
7-Dec-11	2400	6.7	288	WNW	42.7	9.2	4.0	0	0	0	0
8-Dec-11	100	7.4	252	WSW	40.2	9.1	3.4	0	0	0	0
8-Dec-11	200	8.3	208	SSW	41.0	12.2	4.2	0	0	0	0
8-Dec-11	300	12.1	199	SSW	45.1	11.9	4.6	0	0	0	0
8-Dec-11	400	18.7	204	SSW	51.3	6.3	2.2	0	0	0	0
8-Dec-11	500	19.4	204	SSW	52.3	9.0	5.7	0	0	0	0
8-Dec-11	600	16.7	206	SSW	49.9	5.1	2.2	0	0	0	0
8-Dec-11	700	11.9	218	SW	50.3	10.1	4.3	0	0	0	0
8-Dec-11	800	10.8	222	SW	54.4	7.5	2.7	0	0	0	0
8-Dec-11	900	12.1	237	WSW	52.9	9.6	3.1	0	0	0	0
8-Dec-11	1000	15.0	249	WSW	52.6	13.7	9.1	0	0	0	0
8-Dec-11	1100	9.3	266	W	51.9	7.2	4.8	0	0	0	0
8-Dec-11	1200	7.6	299	WNW	51.4	4.3	2.9	0	0	0	0
8-Dec-11	1300	18.1	332	NNW	52.5	5.0	2.0	0	0	0	0
8-Dec-11	1400	18.4	325	NW	52.2	4.4	2.6	0	0	0	0
8-Dec-11	1500	16.8	317	NW	51.1	3.8	1.3	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											
8-Dec-11	1600	16.0	310	NW	51.0	3.2	1.5	0	0	0	0
8-Dec-11	1700	17.7	317	NW	51.0	3.1	0.8	0	0	0	0
8-Dec-11	1800	14.9	314	NW	48.7	3.5	1.1	0	0	0	0
8-Dec-11	1900	11.6	306	NW	48.6	2.7	1.6	0	0	0	0
8-Dec-11	2000	7.0	265	W	47.0	4.3	1.9	0	0	0	0
8-Dec-11	2100	9.1	221	SW	47.6	13.7	9.8	0	0	0	0
8-Dec-11	2200	16.0	206	SSW	49.8	10.8	8.0	0	0	0	0
8-Dec-11	2300	20.4	207	SSW	54.7	7.9	4.6	0	0	0	0
8-Dec-11	2400	17.2	202	SSW	50.5	5.0	2.6	0	0	0	0
9-Dec-11	100	17.5	205	SSW	50.2	4.1	2.4	0	0	0	0
9-Dec-11	200	18.1	207	SSW	50.8	2.5	1.0	0	0	0	0
9-Dec-11	300	14.9	221	SW	45.8	2.6	1.5	0	0	0	0
9-Dec-11	400	14.2	228	SW	50.3	5.4	2.1	0	0	0	0
9-Dec-11	500	13.9	244	WSW	45.8	3.5	1.9	0	0	0	0
9-Dec-11	600	18.3	259	WSW	47.2	1.8	1.0	0	0	0	0
9-Dec-11	700	18.7	262	W	48.0	3.2	1.0	0	0	0	0
9-Dec-11	800	19.3	276	W	50.5	3.2	1.9	0	0	0	0
9-Dec-11	900	20.1	272	W	52.7	3.2	1.0	0	0	0	0
9-Dec-11	1000	21.5	263	W	52.2	5.8	3.3	0	0	0	0
9-Dec-11	1100	20.6	261	W	51.4	4.1	2.0	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
<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											
9-Dec-11	1200	22.3	264	W	51.7	5.3	4.5	0	0	0	0
9-Dec-11	1300	22.7	264	W	52.3	3.1	2.7	0	0	0	0
9-Dec-11	1400	25.7	268	W	66.2	7.2	3.7	0	0	0	0
9-Dec-11	1500	23.8	264	W	53.6	2.3	0.8	0	0	0	0
9-Dec-11	1600	21.5	261	W	52.2	4.5	1.8	0	0	0	0
9-Dec-11	1700	22.6	257	WSW	52.6	2.9	0.8	0	0	0	0
9-Dec-11	1800	23.7	253	WSW	52.9	3.8	1.3	0	0	0	0
9-Dec-11	1900	25.3	258	WSW	54.5	2.2	0.9	0	0	0	0
9-Dec-11	2000	18.8	251	WSW	51.0	1.9	1.0	0	0	0	0
9-Dec-11	2100	14.7	250	WSW	46.1	2.5	1.5	0	0	0	0
9-Dec-11	2200	13.8	246	WSW	46.0	2.5	1.3	0	0	0	0
9-Dec-11	2300	18.5	234	SW	49.0	2.9	1.0	0	0	0	0
9-Dec-11	2400	21.6	243	WSW	47.8	2.2	1.2	0	0	0	0
10-Dec-11	100	16.9	259	WSW	45.2	3.0	1.0	0	0	0	0
10-Dec-11	200	11.7	254	WSW	42.3	2.5	1.1	0	0	0	0
10-Dec-11	300	16.0	231	SW	44.2	3.9	1.6	0	0	0	0
10-Dec-11	400	11.6	227	SW	41.5	2.6	1.4	0	0	0	0
10-Dec-11	500	13.5	259	WSW	42.5	1.7	1.1	0	0	0	0
10-Dec-11	600	25.9	245	WSW	51.9	2.1	1.0	0	0	0	0
10-Dec-11	700	15.5	261	W	46.0	1.3	0.4	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											
10-Dec-11	800	8.9	272	W	45.0	2.3	0.8	0	0	0	0
10-Dec-11	900	11.1	289	WNW	46.1	2.8	1.1	0	0	0	0
10-Dec-11	1000	18.0	249	WSW	49.4	2.5	0.9	0	0	0	0
10-Dec-11	1100	13.6	262	W	49.1	2.2	0.6	0	0	0	0
10-Dec-11	1200	16.0	247	WSW	50.4	2.7	0.7	0	0	0	0
10-Dec-11	1300	15.2	280	W	50.1	1.2	0.6	0	0	0	0
10-Dec-11	1400	33.0	286	WNW	62.1	5.9	3.6	0	0	0	0
10-Dec-11	1500	27.8	282	WNW	57.6	3.6	0.7	0	0	0	0
10-Dec-11	1600	26.0	269	W	54.9	2.0	0.5	0	0	0	0
10-Dec-11	1700	12.5	349	N	50.1	7.7	3.1	0	0	0	0
10-Dec-11	1800	7.3	340	NNW	49.5	8.6	4.9	0	0	0	0
10-Dec-11	1900	4.9	324	NW	47.6	5.4	2.3	0	0	0	0
10-Dec-11	2000	5.7	350	N	46.7	3.8	1.3	0	0	0	0
10-Dec-11	2100	5.3	103	ESE	44.9	4.5	3.0	0	0	0	0
10-Dec-11	2200	10.4	195	SSW	46.6	18.2	7.7	0	0	0	0
10-Dec-11	2300	14.7	207	SSW	47.3	13.1	8.3	0	0	0	0
10-Dec-11	2400	10.9	239	WSW	45.6	7.0	4.2	0	0	0	0
11-Dec-11	100	9.5	148	SSE	44.4	7.0	3.9	0	0	0	0
11-Dec-11	200	9.0	347	NNW	44.7	7.8	5.1	0	0	0	0
11-Dec-11	300	12.4	42	NE	40.8	2.8	1.4	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											
11-Dec-11	400	11.1	55	NE	40.0	1.9	1.0	0	0	0	0
11-Dec-11	500	11.8	25	NNE	41.0	1.9	0.6	0	0	0	0
11-Dec-11	600	10.9	359	N	41.9	3.5	1.0	0	0	0	0
11-Dec-11	700	11.8	13	NNE	42.8	5.2	2.2	0	0	0	0
11-Dec-11	800	9.1	19	NNE	43.2	1.8	0.6	0	0	0	0
11-Dec-11	900	5.0	348	NNW	45.6	1.2	0.6	0	0	0	0
11-Dec-11	1000	6.3	326	NW	44.7	2.3	0.8	0	0	0	0
11-Dec-11	1100	6.2	321	NW	45.1	1.2	0.4	0	0	0	0
11-Dec-11	1200	13.4	342	NNW	46.2	1.9	0.7	0	0	0	0
11-Dec-11	1300	16.1	355	N	45.0	3.2	1.0	0	0	0	0
11-Dec-11	1400	16.9	6	N	46.3	2.5	0.8	0	0	0	0
11-Dec-11	1500	16.4	5	N	46.0	2.1	0.8	0	0	0	0
11-Dec-11	1600	14.2	9	N	45.7	2.8	1.0	0	0	0	0
11-Dec-11	1700	9.5	7	N	47.6	2.5	1.1	0	0	0	0
11-Dec-11	1800	8.4	353	N	47.8	2.6	1.1	0	0	0	0
11-Dec-11	1900	6.6	344	NNW	46.7	4.7	2.1	0	0	0	0
11-Dec-11	2000	4.9	338	NNW	47.2	4.6	1.3	0	0	0	0
11-Dec-11	2100	4.1	340	NNW	50.0	2.6	1.5	0	0	0	0
11-Dec-11	2200	3.3	354	N	45.4	6.8	2.4	0	0	0	0
11-Dec-11	2300	5.7	45	NE	57.0	27.9	12.1	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											
11-Dec-11	2400	4.8	80	E	51.7	35.3	15.7	0	0	0	0
12-Dec-11	100	5.0	127	SE	50.5	42.4	15.9	0	0	0	0
12-Dec-11	200	9.5	163	SSE	45.3	55.8	24.5	0	0	0	0
12-Dec-11	300	9.2	161	SSE	48.4	53.2	21.8	0	0	0	0
12-Dec-11	400	8.4	168	SSE	46.5	55.5	25.2	0	0	0	0
12-Dec-11	500	10.6	189	S	50.0	34.4	18.8	0	0	0	0
12-Dec-11	600	13.2	195	SSW	49.4	9.3	6.2	0	0	0	0
12-Dec-11	700	15.9	195	SSW	51.9	7.8	3.7	0	0	0	0