

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											
27-Feb-12	800	10.8	233	SW	52.4	13.9	2.9	0	0	0	0
27-Feb-12	900	13.0	231	SW	52.0	8.9	3.0	0	0	0	0
27-Feb-12	1000	13.2	247	WSW	49.6	7.0	2.4	0	0	0	0
27-Feb-12	1100	16.2	256	WSW	48.7	12.9	5.2	0	0	0	0
27-Feb-12	1200	16.0	250	WSW	48.7	8.2	1.9	0	0	0	0
27-Feb-12	1300	14.3	233	SW	49.8	4.1	3.0	0	0	0	0
27-Feb-12	1400	13.9	204	SSW	50.7	6.0	4.4	0	0	0	0
27-Feb-12	1500	13.3	209	SSW	50.5	4.2	1.8	0	0	0	0
27-Feb-12	1600	12.4	210	SSW	50.6	4.6	3.2	0	0	0	0
27-Feb-12	1700	11.3	214	SSW	48.9	10.5	9.8	0	0	0	0
27-Feb-12	1800	14.5	222	SW	47.4	3.5	1.7	0	0	0	0
27-Feb-12	1900	14.7	227	SW	46.0	5.9	2.3	0	0	0	0
27-Feb-12	2000	13.9	250	WSW	43.5	4.6	2.3	0	0	0	0
27-Feb-12	2100	20.1	271	W	46.8	1.9	0.6	0	0	0	0
27-Feb-12	2200	21.0	273	W	47.7	5.1	1.7	0	0	0	0
27-Feb-12	2300	20.5	270	W	47.5	4.3	1.5	0	0	0	0
27-Feb-12	2400	20.0	271	W	46.6	3.1	1.0	0	0	0	0
28-Feb-12	100	18.0	273	W	44.3	3.3	1.3	0	0	0	0
28-Feb-12	200	17.2	270	W	43.0	5.0	3.1	0	0	0	0
28-Feb-12	300	15.5	265	W	41.5	4.6	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
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											
28-Feb-12	400	16.4	263	W	42.3	5.4	1.9	0	0	0	0
28-Feb-12	500	13.1	257	WSW	42.0	6.1	2.8	0	0	0	0
28-Feb-12	600	13.3	260	W	48.5	5.2	2.2	0	0	0	0
28-Feb-12	700	13.4	260	W	49.6	4.5	1.6	0	0	0	0
28-Feb-12	800	12.6	264	W	53.8	3.0	1.4	0	0	0	0
28-Feb-12	900	8.3	252	WSW	53.2	5.3	1.9	0	0	0	0
28-Feb-12	1000	7.7	235	SW	48.9	8.5	5.7	0	0	0	0
28-Feb-12	1100	6.0	234	SW	48.4	2.7	1.0	0	0	0	0
28-Feb-12	1200	7.9	185	S	51.6	18.7	5.2	0	0	0	0
28-Feb-12	1300	8.8	167	SSE	50.1	16.1	8.0	0	0	0	0
28-Feb-12	1400	8.9	191	S	49.6	9.5	2.1	0	0	0	0
28-Feb-12	1500	8.4	175	S	49.5	12.0	5.1	0	0	0	0
28-Feb-12	1600	9.8	161	SSE	51.4	3.1	0.7	0	0	0	0
28-Feb-12	1700	10.4	169	S	50.4	22.0	3.3	0	0	0	0
28-Feb-12	1800	11.4	172	S	50.9	48.1	10.2	0	0	0	0
28-Feb-12	1900	11.8	180	S	48.2	38.6	11.6	0	0	0	0
28-Feb-12	2000	9.5	187	S	49.7	38.8	14.4	0	0	0	0
28-Feb-12	2100	10.8	200	SSW	46.3	28.7	7.6	0	0	0	0
28-Feb-12	2200	10.3	242	WSW	43.8	10.2	5.0	0	0	0	0
28-Feb-12	2300	14.1	268	W	43.5	5.0	1.4	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											
28-Feb-12	2400	19.0	276	W	45.3	2.8	1.6	0	0	0	0
29-Feb-12	100	18.8	280	W	45.6	1.4	0.6	0	0	0	0
29-Feb-12	200	20.3	283	WNW	47.8	3.0	0.9	0	0	0	0
29-Feb-12	300	20.9	279	W	47.9	3.0	0.8	0	0	0	0
29-Feb-12	400	19.8	280	W	47.3	5.6	1.6	0	0	0	0
29-Feb-12	500	15.5	280	W	43.4	3.6	1.4	0	0	0	0
29-Feb-12	600	18.8	282	WNW	46.5	5.9	1.3	0	0	0	0
29-Feb-12	700	16.6	279	W	46.2	9.7	2.4	0	0	0	0
29-Feb-12	800	15.0	278	W	49.7	3.7	0.8	0	0	0	0
29-Feb-12	900	14.1	285	WNW	50.4	12.9	4.1	0	0	0	0
29-Feb-12	1000	16.5	275	W	49.5	6.8	2.0	0	0	0	0
29-Feb-12	1100	12.2	263	W	47.0	5.7	2.2	0	0	0	0
29-Feb-12	1200	10.8	269	W	47.1	10.3	3.8	0	0	0	0
29-Feb-12	1300	7.8	292	WNW	48.1	7.0	3.6	0	0	0	0
29-Feb-12	1400	4.1	261	W	49.4	3.0	1.4	0	0	0	0
29-Feb-12	1500	3.3	48	NE	51.0	4.8	1.2	0	0	0	0
29-Feb-12	1600	6.2	23	NNE	52.7	5.0	2.4	0	0	0	0
29-Feb-12	1700	10.5	57	ENE	52.9	46.1	9.8	0	0	0	0
29-Feb-12	1800	8.8	57	ENE	53.3	72.1	24.5	0	0	0	0
29-Feb-12	1900	9.1	19	NNE	50.2	27.8	11.0	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
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											
29-Feb-12	2000	7.7	1	N	49.7	14.7	9.6	0	0	0	0
29-Feb-12	2100	11.5	341	NNW	48.7	22.1	10.9	0	0	0	0
29-Feb-12	2200	12.3	335	NNW	48.2	42.6	18.5	0	0	0	0
29-Feb-12	2300	14.0	329	NNW	48.0	43.3	19.7	0	0	0	0
29-Feb-12	2400	14.8	327	NNW	46.6	46.7	14.1	0	0	0	0
01-Mar-12	100	11.1	335	NNW	44.5	41.1	11.3	0	0	0	0
01-Mar-12	200	10.5	342	NNW	43.0	38.7	19.8	0	0	0	0
01-Mar-12	300	10.6	348	NNW	43.1	25.1	6.2	0	0	0	0
01-Mar-12	400	11.2	342	NNW	43.2	33.1	11.4	0	0	0	0
01-Mar-12	500	11.9	346	NNW	43.7	39.4	13.3	0	0	0	0
01-Mar-12	600	14.1	345	NNW	47.1	53.6	17.4	0	0	0	0
01-Mar-12	700	15.4	342	NNW	50.0	52.5	16.7	0	0	0	0
01-Mar-12	800	21.0	329	NNW	55.4	62.1	19.7	0	0	0	0
01-Mar-12	900	20.4	330	NNW	56.3	51.6	12.7	0	0	0	0
01-Mar-12	1000	19.7	332	NNW	56.2	35.2	10.1	0	0	0	0
01-Mar-12	1200	21.8	331	NNW	62.9	42.5	14.3	0	0	0	0
01-Mar-12	1300	18.2	334	NNW	54.0	57.1	19.4	0	0	0	0
01-Mar-12	1400	21.7	349	NNW	55.0	42.9	14.7	0	0	0	0
01-Mar-12	1500	24.7	352	NNW	57.7	36.6	14.6	1.1	0	0	0
01-Mar-12	1600	24.1	353	NNW	56.7	34.1	17.6	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											
02-Mar-12	900	12.7	219	SW	N/A	28.9	13.0	0	0	0	0
02-Mar-12	1000	13.7	205	SSW	N/A	20.2	16.8	0	0	0	0
02-Mar-12	1100	12.8	216	SW	N/A	16.3	4.5	0	0	0	0
02-Mar-12	1200	15.5	239	WSW	N/A	10.4	3.3	0	0	0	0
02-Mar-12	1300	22.7	250	WSW	N/A	4.6	3.4	0	0	0	0
02-Mar-12	1400	26.9	245	WSW	N/A	5.6	2.4	0	0	0	0
02-Mar-12	1500	28.8	264	W	N/A	2.5	0.4	0	0	0	0
02-Mar-12	1600	30.9	271	W	N/A	1.4	0.3	0	0	0	0
02-Mar-12	1700	20.9	262	W	N/A	3.6	1.4	0	0	0	0
03-Mar-12	900	51.9	235	SW	N/A	2.2	1.6	0	0	0	0
03-Mar-12	1000	63.2	242	WSW	N/A	1.8	1.1	0	0	0	0
03-Mar-12	1100	20.9	246	WSW	N/A	0.8	0.3	0	0	0	0
03-Mar-12	1200	26.4	254	WSW	N/A	3.6	2.5	0	0	0	0
03-Mar-12	1300	27.7	258	WSW	N/A	1.3	0.9	0	0	0	0
03-Mar-12	1400	31.5	264	W	N/A	1.1	0.6	0	0	0	0
03-Mar-12	1500	35.6	269	W	N/A	2.6	0.6	0	0	0	0
03-Mar-12	1600	35.6	273	W	N/A	1.1	0.3	0	0	0	0
03-Mar-12	1700	29.5	286	WNW	N/A	1.3	0.5	0	0	0	0
04-Mar-12	900	59.5	150	SSE	N/A	11.1	11.7	0	0	0	0
04-Mar-12	1000	21.9	144	SE	N/A	8.2	6.5	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
<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											
04-Mar-12	1100	21.8	155	SSE	N/A	4.3	1.6	0	0	0	0
04-Mar-12	1200	22.4	163	SSE	N/A	15.6	10.1	0	0	0	0
04-Mar-12	1300	21.5	165	SSE	N/A	17.0	7.2	0	0	0	0
04-Mar-12	1400	18.3	160	SSE	N/A	19.4	6.5	0	0	0	0
04-Mar-12	1500	14.2	163	SSE	N/A	36.0	14.4	0	0	0	0
04-Mar-12	1600	12.3	165	SSE	N/A	36.4	12.0	0.1	0	0	0
04-Mar-12	1700	9.8	158	SSE	N/A	46.5	16.7	0.1	0	0	0