

BLV Group Stoney #2 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											
01-Oct-12	800	16.4	236	WSW	57.0	2.0	2.0	0	0	0	0
01-Oct-12	900	16.9	232	SW	54.9	3.2	3.1	0	0	0	0
01-Oct-12	1000	22.9	237	WSW	56.5	0.2	0.2	0	0	0	0
01-Oct-12	1100	23.9	249	WSW	55.6	N/A	0.0	0	0	0	0
01-Oct-12	1200	20.6	222	SW	56.8	N/A	0.0	0	0	0	0
01-Oct-12	1300	14.3	200	SSW	56.7	N/A	0.0	0	0	0	0
01-Oct-12	1400	27.5	228	SW	58.7	N/A	1.3	0	0	0	0
01-Oct-12	1500	23.6	219	SW	57.8	N/A	3.3	0	0	0	0
01-Oct-12	1600	15.9	230	SW	54.9	N/A	0.6	0	0	0	0
01-Oct-12	1700	26.6	251	WSW	55.7	N/A	0.6	0	0	0	0
01-Oct-12	1800	19.1	266	W	54.8	N/A	1.2	0	0	0	0
01-Oct-12	1900	32.0	348	NNW	63.0	N/A	18.4	0.6	0	0	0
01-Oct-12	2000	26.9	5	N	56.6	N/A	8.9	0	0	0	0
01-Oct-12	2100	21.1	12	NNE	53.5	N/A	1.5	0	0	0	0
01-Oct-12	2200	6.5	332	NNW	50.6	N/A	4.3	0	0	0	0
01-Oct-12	2300	6.5	215	SW	46.7	N/A	3.5	0.9	0	0	0
01-Oct-12	2400	12.7	230	SW	49.6	N/A	5.7	3.7	0	0	0
02-Oct-12	100	24.9	213	SSW	58.7	N/A	2.0	2.6	0	0	0
02-Oct-12	200	19.7	208	SSW	54.2	N/A	16.6	0.4	0	0	0
02-Oct-12	300	10.7	255	WSW	49.2	N/A	15.2	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									
TSP		1 Hour Average – 267 ug/m3									
Sound alarm		1 Hour Average – 85 dba									
All Times are Mountain Standard Time											
02-Oct-12	400	6.9	267	W	51.4	N/A	12.4	0	0	0	0
02-Oct-12	500	9.7	14	NNE	53.8	N/A	0.8	0	0	0	0
02-Oct-12	600	7.0	25	NNE	57.9	N/A	12.1	0	0	0	0
02-Oct-12	700	8.3	26	NNE	59.8	N/A	7.1	0	0	0	0
02-Oct-12	800	13.4	9	N	60.6	N/A	4.3	0	0	0	0
02-Oct-12	900	24.9	356	N	59.6	N/A	41.6	0	0	0	0
02-Oct-12	1000	27.4	351	N	60.7	N/A	8.2	0	0	0	0
02-Oct-12	1100	22.6	343	NNW	59.5	N/A	1.5	0.2	0	0	0
02-Oct-12	1200	24.5	341	NNW	60.2	N/A	3.4	0	0	0	0
02-Oct-12	1300	22.5	343	NNW	59.4	N/A	2.1	0.4	0	0	0
02-Oct-12	1400	25.5	339	NNW	61.1	N/A	4.6	0	0	0	0
02-Oct-12	1500	33.6	333	NNW	66.1	N/A	2.1	1.3	0	0	0
02-Oct-12	1600	33.2	340	NNW	66.7	N/A	6.4	1.8	0	0	0
02-Oct-12	1700	36.3	350	N	65.8	N/A	5.6	3.2	0	0	0
02-Oct-12	1800	28.6	351	N	59.1	N/A	6.7	0.3	0	0	0
02-Oct-12	1900	25.7	347	NNW	57.9	N/A	6.2	0.1	0	0	0
02-Oct-12	2000	23.4	340	NNW	58.6	N/A	3.0	0.2	0	0	0
02-Oct-12	2100	23.6	339	NNW	59.3	N/A	3.9	0	0	0	0
02-Oct-12	2200	27.2	325	NW	58.6	N/A	7.6	0	0	0	0
02-Oct-12	2300	23.3	334	NNW	57.7	N/A	7.1	0	0	0	0

BLV Group Stoney #2 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											
02-Oct-12	2400	21.4	335	NNW	56.9	N/A	2.8	0	0	0	0
03-Oct-12	100	17.0	338	NNW	52.9	N/A	1.5	0	0	0	0
03-Oct-12	200	18.7	339	NNW	54.2	N/A	4.7	0	0	0	0
03-Oct-12	300	17.3	339	NNW	53.2	N/A	1.4	0	0	0	0
03-Oct-12	400	21.3	345	NNW	55.3	N/A	6.6	0	0	0	0
03-Oct-12	500	23.3	340	NNW	57.7	N/A	5.3	0	0	0	0
03-Oct-12	600	22.6	340	NNW	59.4	N/A	8.4	0	0	0	0
03-Oct-12	700	23.9	327	NNW	59.5	N/A	1.4	0	0	0	0
03-Oct-12	800	24.2	325	NW	60.2	N/A	1.1	0	0	0	0
03-Oct-12	900	23.0	324	NW	59.3	N/A	1.2	0	0	0	0
03-Oct-12	1000	17.6	329	NNW	58.2	N/A	11.3	0	0	0	0
03-Oct-12	1100	21.2	323	NW	59.4	N/A	2.8	0	0	0	0
03-Oct-12	1200	20.3	319	NW	59.5	N/A	2.9	0	0	0	0
03-Oct-12	1300	18.1	322	NW	57.6	N/A	4.4	0	0	0	0
03-Oct-12	1400	12.9	332	NNW	57.0	N/A	N/A	0	0	0	0
03-Oct-12	1500	15.6	7	N	59.0	N/A	N/A	0	0	0	0
03-Oct-12	1600	10.5	356	N	55.6	20.1	N/A	0	0	0	0
03-Oct-12	1700	8.0	11	NNE	53.6	18.8	N/A	0	0	0	0
03-Oct-12	1800	5.9	30	NNE	56.5	41.8	N/A	0	0	0	0
03-Oct-12	1900	5.7	34	NNE	53.4	57.7	N/A	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											
03-Oct-12	2000	6.0	101	E	52.2	24.4	N/A	0	0	0	0
03-Oct-12	2100	7.4	162	SSE	52.2	24.5	N/A	0	0	0	0
03-Oct-12	2200	7.3	173	S	52.5	34.4	N/A	0	0	0	0
03-Oct-12	2300	6.8	191	S	47.6	19.6	N/A	0	0	0	0
03-Oct-12	2400	7.1	208	SSW	47.8	29.5	N/A	0	0	0	0
04-Oct-12	100	9.7	213	SSW	49.3	27.0	N/A	0	0	0	0
04-Oct-12	200	7.8	213	SSW	51.1	31.4	N/A	0	0	0	0
04-Oct-12	300	10.6	224	SW	52.0	10.0	N/A	0	0	0	0
04-Oct-12	400	11.0	226	SW	52.6	4.6	N/A	0	0	0	0
04-Oct-12	500	11.0	225	SW	51.6	2.2	N/A	0	0	0	0
04-Oct-12	600	9.6	229	SW	55.3	4.3	N/A	0	0	0	0
04-Oct-12	700	9.3	231	SW	57.1	17.5	N/A	0	0	0	0
04-Oct-12	800	5.5	244	WSW	59.2	10.5	N/A	0	0	0	0
04-Oct-12	900	4.8	243	WSW	57.7	8.0	N/A	0	0	0	0
04-Oct-12	1000	8.0	202	SSW	57.7	9.9	N/A	0	0	0	0
04-Oct-12	1100	11.1	197	SSW	56.8	6.7	N/A	0	0	0	0
04-Oct-12	1200	11.4	197	SSW	75.0	5.7	N/A	0	0	0	0
04-Oct-12	1300	8.6	200	SSW	55.9	4.1	N/A	0	0	0	0
04-Oct-12	1400	7.4	4	N	56.6	11.8	N/A	0	0	0	0
04-Oct-12	1500	9.9	20	NNE	57.1	18.9	N/A	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											
04-Oct-12	1600	11.0	359	N	55.1	19.0	N/A	0	0	0	0
04-Oct-12	1700	12.8	1	N	54.7	17.4	N/A	0	0	0	0
04-Oct-12	1800	11.0	10	N	53.7	26.8	N/A	0	0	0	0
04-Oct-12	1900	9.3	21	NNE	54.1	16.1	N/A	0	0	0	0
04-Oct-12	2000	6.6	24	NNE	53.9	13.6	N/A	0	0	0	0
04-Oct-12	2100	3.7	33	NNE	51.3	47.5	N/A	0	0	0	0
04-Oct-12	2200	2.5	4	N	52.8	97.0	N/A	0	0	0	0
04-Oct-12	2300	4.9	311	NW	51.2	118.8	N/A	0	0	0	0
04-Oct-12	2400	6.0	299	WNW	49.6	52.9	N/A	0	0	0	0
05-Oct-12	100	7.7	278	W	52.1	19.3	N/A	0	0	0	0
05-Oct-12	200	5.4	307	NW	52.2	94.9	N/A	0	0	0	0
05-Oct-12	300	6.2	301	WNW	52.1	50.8	N/A	0	0	0	0
05-Oct-12	400	9.3	322	NW	51.2	23.0	N/A	0	0	0	0
05-Oct-12	500	8.9	330	NNW	52.1	8.0	N/A	0	0	0	0
05-Oct-12	600	10.6	331	NNW	59.6	29.1	N/A	0	0	0	0
05-Oct-12	700	9.6	323	NW	60.0	48.2	N/A	0	0	0	0
05-Oct-12	800	6.4	321	NW	60.1	86.3	N/A	0	0	0	0
05-Oct-12	900	6.9	332	NNW	57.6	21.9	N/A	0	0	0	0
05-Oct-12	1000	4.4	2	N	58.5	52.0	N/A	0	0	0	0
05-Oct-12	1100	5.1	102	ESE	58.0	47.4	N/A	0	0	0	0

BLV Group Stoney #2 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											
05-Oct-12	1200	6.8	66	ENE	59.2	36.0	7.1	0	0	0	0
05-Oct-12	1300	6.9	108	ESE	60.3	52.4	13.4	0	0	0	0
05-Oct-12	1400	7.0	87	E	57.6	22.5	7.7	0	0	0	0
05-Oct-12	1500	9.9	154	SSE	56.8	19.7	7.0	0	0	0	0
05-Oct-12	1600	7.9	162	SSE	55.1	14.5	4.1	0	0	0	0
05-Oct-12	1700	13.5	155	SSE	53.5	15.6	9.2	0	0	0	0
05-Oct-12	1800	15.7	161	SSE	52.2	19.4	9.1	0	0	0	0
05-Oct-12	1900	15.6	163	SSE	51.6	17.7	8.6	0	0	0	0
05-Oct-12	2000	18.9	172	S	51.3	16.4	8.8	0	0	0	0
05-Oct-12	2100	18.7	179	S	51.0	13.7	7.3	0	0	0	0
05-Oct-12	2200	17.1	188	S	49.4	12.3	7.2	0	0	0	0
05-Oct-12	2300	13.8	199	SSW	48.4	5.2	1.0	0	0	0	0
05-Oct-12	2400	10.6	227	SW	51.2	11.7	6.5	0	0	0	0
06-Oct-12	100	14.2	263	W	55.3	8.8	4.7	0	0	0	0
06-Oct-12	200	17.7	303	WNW	53.1	29.3	4.6	0	0	0	0
06-Oct-12	300	18.0	317	NW	52.1	25.8	5.2	0	0	0	0
06-Oct-12	400	25.4	321	NW	54.2	1.8	0.5	0	0	0	0
06-Oct-12	500	18.7	310	NW	49.5	8.2	2.4	0	0	0	0
06-Oct-12	600	16.0	295	WNW	60.5	0.7	0.3	0	0	0	0
06-Oct-12	700	17.4	298	WNW	57.2	18.2	3.1	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											
06-Oct-12	800	25.8	315	NW	58.0	14.9	3.1	0	0	0	0
06-Oct-12	900	26.5	316	NW	57.7	17.4	4.4	0	0	0	0
06-Oct-12	1000	26.3	323	NW	58.2	5.1	2.1	0	0	0	0
06-Oct-12	1100	27.0	328	NNW	59.3	9.3	3.6	0	0	0	0
06-Oct-12	1200	27.4	335	NNW	61.2	31.8	5.9	0	0	0	0
06-Oct-12	1300	27.3	337	NNW	59.7	11.9	4.3	0	0	0	0
06-Oct-12	1400	27.2	335	NNW	59.7	23.6	6.8	0	0	0	0
06-Oct-12	1500	22.8	348	NNW	54.4	9.9	4.6	0	0	0	0
06-Oct-12	1600	18.3	342	NNW	53.0	6.6	4.9	0	0	0	0
06-Oct-12	1700	15.0	348	NNW	52.8	11.3	8.6	0	0	0	0
06-Oct-12	1800	9.7	7	N	52.8	11.6	7.1	0	0	0	0
06-Oct-12	1900	5.5	59	ENE	52.2	9.9	6.0	0	0	0	0
06-Oct-12	2000	5.6	185	S	47.4	12.9	9.3	0	0	0	0
06-Oct-12	2100	9.1	210	SSW	48.8	16.2	8.6	0	0	0	0
06-Oct-12	2200	11.8	214	SW	49.3	5.3	5.5	0	0	0	0
06-Oct-12	2300	11.1	217	SW	48.9	6.5	4.2	0	0	0	0
06-Oct-12	2400	11.6	224	SW	48.9	7.8	5.0	0	0	0	0
07-Oct-12	100	13.6	250	WSW	49.8	6.5	3.0	0	0	0	0
07-Oct-12	200	18.8	265	W	50.0	2.4	2.2	0	0	0	0
07-Oct-12	300	20.8	271	W	47.5	2.7	1.4	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											
07-Oct-12	400	23.0	273	W	50.0	1.2	0.8	0	0	0	0
07-Oct-12	500	24.1	274	W	51.2	1.8	1.2	0	0	0	0
07-Oct-12	600	17.4	294	WNW	50.4	15.2	2.5	0	0	0	0
07-Oct-12	700	15.3	287	WNW	52.3	4.7	1.6	0	0	0	0
07-Oct-12	800	19.6	284	WNW	52.5	4.2	1.3	0	0	0	0
07-Oct-12	900	18.5	281	W	50.6	2.1	0.4	0	0	0	0
07-Oct-12	1000	21.6	278	W	51.5	2.8	1.9	0	0	0	0
07-Oct-12	1100	20.9	279	W	50.7	3.0	1.2	0	0	0	0
07-Oct-12	1200	22.6	292	WNW	51.3	5.6	1.9	0	0	0	0
07-Oct-12	1300	25.1	293	WNW	56.4	14.1	3.5	0	0	0	0
07-Oct-12	1400	37.3	314	NW	63.1	45.2	6.8	0	0	0	0
07-Oct-12	1500	38.6	314	NW	64.3	43.6	6.4	0	0	0	0
07-Oct-12	1600	30.3	327	NNW	60.6	10.7	6.9	0	0	0	0
07-Oct-12	1700	26.7	348	NNW	56.9	34.5	14.0	0	0	0	0
07-Oct-12	1800	20.9	342	NNW	53.1	36.7	13.9	0	0	0	0
07-Oct-12	1900	19.4	329	NNW	52.3	22.5	11.7	0	0	0	0
07-Oct-12	2000	18.2	324	NW	49.4	30.0	13.3	0	0	0	0
07-Oct-12	2100	30.6	348	NNW	61.0	39.5	13.2	0	0	0	0
07-Oct-12	2200	24.0	347	NNW	54.4	36.3	14.4	0	0	0	0
07-Oct-12	2300	20.5	340	NNW	53.4	94.8	28.0	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											
07-Oct-12	2400	21.3	327	NNW	49.6	52.7	18.4	0	0	0	0
08-Oct-12	100	17.3	343	NNW	47.6	32.2	13.0	0	0	0	0
08-Oct-12	200	12.5	336	NNW	44.0	26.0	11.2	0	0	0	0
08-Oct-12	300	10.7	325	NW	45.0	18.3	10.4	0	0	0	0
08-Oct-12	400	18.3	326	NW	48.0	41.9	16.6	0	0	0	0
08-Oct-12	500	14.2	336	NNW	45.2	40.5	14.2	0	0	0	0
08-Oct-12	600	21.9	349	N	51.1	43.2	13.1	0	0	0	0
08-Oct-12	700	16.4	351	N	48.0	22.5	11.0	0	0	0	0