

## 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
<b>Alarms</b>											
<b>PM2.5</b>					1 Hour Average – <b>80 ug/m3</b>						
<b>TSP</b>					1 Hour Average – <b>267 ug/m3</b>						
<b>SOUND</b> Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour											
<b>MST</b> Mountain Standard time is applied to data; when Daylight Savings Time is in effect, it is used for alarm consideration											
<b>Rainfall</b> 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) – <b>50 dba</b>											
1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – <b>65 dba</b>											
1 Hour Average – Weekends (Sat/Sun & holidays) Evenings (10:01pm-9:00am) – <b>50 dba</b>											
1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – <b>65 dba</b>											
16-Aug-10	800	11.7	257	WSW	54.8	30.1	6.6	0	0	0	0
16-Aug-10	900	20.6	304	NW	55.6	74.0	14.0	0.1	0	0	0
16-Aug-10	1000	19.8	334	NNW	55.6	116.7	30.0	0	0	0	0
16-Aug-10	1100	18.7	340	NNW	56.0	138.8	13.5	0	0	0	0
16-Aug-10	1200	16.9	338	NNW	55.0	175.2	34.3	0	0	0	0
16-Aug-10	1300	15.0	358	N	54.1	156.7	37.5	0	0	0	0
16-Aug-10	1400	13.6	9	N	53.9	109.6	23.8	0	0	0	0
16-Aug-10	1500	12.1	26	NNE	54.1	60.7	20.2	0	0	0	0
16-Aug-10	1600	9.5	37	NE	53.4	90.6	19.7	0	0	0	0
16-Aug-10	1700	7.6	68	ENE	52.2	57.2	14.2	0	0	0	0
16-Aug-10	1800	8.5	111	ESE	52.2	50.6	15.0	0	0	0	0
16-Aug-10	1900	9.3	120	ESE	49.7	47.0	11.0	0	0	0	0
16-Aug-10	2000	9.2	106	ESE	49.2	47.6	20.5	0	0	0	0
16-Aug-10	2100	7.2	124	SE	48.7	50.0	19.5	0	0	0	0
16-Aug-10	2200	7.8	149	SSE	47.9	45.7	19.9	0	0	0	0
16-Aug-10	2300	8.4	158	SSE	47.1	50.7	20.8	0	0	0	0

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<b>Alarms</b>											
<b>PM2.5</b>						1 Hour Average – <b>80 ug/m3</b>					
<b>TSP</b>						1 Hour Average – <b>267 ug/m3</b>					
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1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – <b>50 dba</b>											
1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – <b>65 dba</b>											
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1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – <b>65 dba</b>											
16-Aug-10	2400	6.0	116	ESE	45.3	81.9	28.4	0	0	0	0
17-Aug-10	100	7.4	53	NE	47.7	83.3	34.8	0	0	0	0
17-Aug-10	200	9.0	357	N	49.8	54.6	28.4	0	0	0	0
17-Aug-10	300	12.9	341	NNW	47.9	51.5	19.8	0	0	0	0
17-Aug-10	400	17.5	340	NNW	49.9	63.4	23.2	0	0	0	0
17-Aug-10	500	13.4	1	N	48.6	29.2	12.9	0	0	0	0
17-Aug-10	600	7.5	326	NW	51.4	34.1	13.0	0	1	0	0
17-Aug-10	700	6.9	320	NW	53.6	33.8	11.8	0	0	0	0
17-Aug-10	800	9.5	0	N	55.9	53.0	16.4	0	0	0	0
17-Aug-10	900	9.1	32	NNE	55.0	14.6	3.9	0	0	0	0
17-Aug-10	1000	5.6	39	NE	55.3	26.9	6.8	0	0	0	0
17-Aug-10	1100	8.8	50	NE	55.1	50.6	18.1	0	0	0	0
17-Aug-10	1200	10.6	61	ENE	55.4	45.6	14.2	0	0	0	0
17-Aug-10	1300	13.0	81	E	54.9	52.4	16.4	0	0	0	0
17-Aug-10	1400	14.9	94	E	55.4	46.3	13.4	0	0	0	0
17-Aug-10	1500	13.2	112	ESE	54.9	40.3	12.1	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
<b>Alarms</b>											
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<b>TSP</b>						1 Hour Average – <b>267 ug/m3</b>					
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1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – <b>50 dba</b>											
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1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – <b>65 dba</b>											
17-Aug-10	1600	12.7	127	SE	53.7	50.2	17.0	0	0	0	0
17-Aug-10	1700	14.0	128	SE	52.6	78.3	28.8	0	0	0	0
17-Aug-10	1800	13.1	127	SE	50.9	48.1	18.1	0	0	0	0
17-Aug-10	1900	12.6	125	SE	49.5	54.4	19.6	0	0	0	0
17-Aug-10	2000	13.6	123	ESE	49.1	58.2	23.0	0	0	0	0
17-Aug-10	2100	13.5	134	SE	47.2	70.5	27.2	0	0	0	0
17-Aug-10	2200	11.6	131	SE	47.2	83.2	32.9	0	0	0	0
17-Aug-10	2300	11.0	123	ESE	46.6	73.2	28.1	0	0	0	0
17-Aug-10	2400	11.3	140	SE	45.8	64.3	25.6	0	0	0	0
18-Aug-10	100	9.7	147	SSE	45.1	66.7	25.9	0	0	0	0
18-Aug-10	200	11.3	154	SSE	44.6	76.6	28.7	0	0	0	0
18-Aug-10	300	13.4	170	S	44.7	80.6	29.6	0	0	0	0
18-Aug-10	400	11.9	186	S	44.7	96.0	33.4	0	0	0	0
18-Aug-10	500	15.7	212	SSW	48.1	155.5	48.5	0	0	0	0
18-Aug-10	600	10.9	252	WSW	50.5	183.3	52.2	0	1	0	0
18-Aug-10	700	8.0	240	WSW	52.9	220.8	84.3	0	0	0	1

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<b>Alarms</b>											
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18-Aug-10	800	13.5	225	SW	54.8	200.8	64.2	0	0	0	0
18-Aug-10	900	12.7	246	WSW	55.7	157.4	64.2	0	0	0	0
18-Aug-10	1000	12.5	246	WSW	53.0	131.4	45.0	0	0	0	0
18-Aug-10	1100	11.1	241	WSW	52.9	121.2	35.9	0	0	0	0
18-Aug-10	1200	11.4	243	WSW	52.2	114.3	48.1	0	0	0	0
18-Aug-10	1300	11.1	250	WSW	51.0	103.7	42.0	0	0	0	0
18-Aug-10	1400	11.0	253	WSW	50.8	88.1	43.7	0	0	0	0
18-Aug-10	1500	14.4	197	SSW	52.6	81.6	36.2	0	0	0	0
18-Aug-10	1600	16.2	177	S	52.0	82.7	31.1	0	0	0	0
18-Aug-10	1700	18.2	168	SSE	56.1	79.7	25.3	0	0	0	0
18-Aug-10	1800	21.3	159	SSE	56.7	88.6	26.7	0	0	0	0
18-Aug-10	1900	22.3	157	SSE	55.1	103.7	33.1	0	0	0	0
18-Aug-10	2000	19.2	157	SSE	52.1	107.7	43.3	0	0	0	0
18-Aug-10	2100	14.7	168	SSE	48.6	110.3	43.2	0	0	0	0
18-Aug-10	2200	9.9	196	SSW	48.2	114.2	38.3	0	0	0	0
18-Aug-10	2300	11.1	242	WSW	52.4	108.3	36.0	0	1	0	0

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18-Aug-10	2400	13.0	260	W	49.3	99.2	33.3	0	0	0	0
19-Aug-10	100	12.3	260	W	48.3	76.8	33.5	0	0	0	0
19-Aug-10	200	12.2	259	W	50.0	57.3	36.8	0	0	0	0
19-Aug-10	300	12.0	258	WSW	48.8	44.2	24.7	0	0	0	0
19-Aug-10	400	10.1	251	WSW	50.5	44.6	23.1	0	1	0	0
19-Aug-10	500	12.6	255	WSW	49.6	40.0	21.1	0	0	0	0
19-Aug-10	600	12.7	248	WSW	53.2	41.8	18.5	0	0	0	0
19-Aug-10	700	12.0	256	WSW	55.0	42.2	16.1	0	0	0	0
19-Aug-10	800	14.1	291	WNW	55.0	115.3	38.9	0	0	0	0
19-Aug-10	900	15.3	334	NNW	55.2	444.0	150.3	0	0	1	1
19-Aug-10	1000	12.5	359	N	55.6	590.0	219.0	0	0	1	1
19-Aug-10	1100	11.1	359	N	53.0	590.6	197.6	0	0	1	1
19-Aug-10	1200	10.3	21	NNE	52.5	516.8	185.6	0	0	1	1
19-Aug-10	1300	13.0	25	NNE	53.8	519.9	182.1	0	0	1	1
19-Aug-10	1400	13.2	37	NE	54.3	494.0	180.0	0	0	1	1
19-Aug-10	1500	10.5	73	ENE	52.9	460.6	168.7	0	0	1	1

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19-Aug-10	1600	10.8	52	NE	52.8	456.9	160.2	0	0	1	1
19-Aug-10	1700	13.6	48	NE	52.6	427.9	149.5	0	0	1	1
19-Aug-10	1800	14.2	40	NE	52.8	396.8	138.6	0	0	1	1
19-Aug-10	1900	11.0	51	NE	49.2	377.5	144.5	0	0	1	1
19-Aug-10	2000	9.2	60	ENE	50.2	373.5	148.0	0	0	1	1
19-Aug-10	2100	7.2	69	ENE	50.8	406.9	155.6	0	0	1	1
19-Aug-10	2200	6.8	51	NE	49.4	634.6	248.4	0	0	1	1
19-Aug-10	2300	8.4	20	NNE	48.8	1000.0	388.5	0	0	1	1
19-Aug-10	2400	8.6	36	NE	49.6	2806.0	1110.0	0	0	1	1
20-Aug-10	100	8.3	26	NNE	49.2	3436.0	1367.0	0	0	1	1
20-Aug-10	200	10.7	35	NE	47.7	3856.0	1533.0	0	0	1	1
20-Aug-10	300	11.9	27	NNE	49.0	3452.0	1392.0	0	0	1	1
20-Aug-10	400	12.0	33	NNE	48.1	2908.0	1176.0	0	0	1	1
20-Aug-10	500	7.1	52	NE	47.6	2033.0	826.0	0.3	0	1	1
20-Aug-10	600	5.8	263	W	53.0	1858.0	743.0	0.1	1	1	1
20-Aug-10	700	5.5	219	SW	55.3	1659.0	667.4	0.2	0	1	1

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20-Aug-10	800	4.7	220	SW	54.9	1672.0	666.4	0.1	0	1	1
20-Aug-10	900	5.9	150	SSE	55.0	1410.0	568.7	0	0	1	1
20-Aug-10	1000	5.6	98	E	54.9	1370.0	548.6	0	0	1	1
20-Aug-10	1100	7.9	108	ESE	53.9	1371.0	541.9	0	0	1	1
20-Aug-10	1200	12.1	126	SE	54.7	1309.0	520.9	0	0	1	1
20-Aug-10	1300	13.9	123	ESE	53.6	1070.0	427.6	0	0	1	1
20-Aug-10	1400	15.6	144	SE	54.4	1014.0	405.5	0	0	1	1
20-Aug-10	1500	14.8	134	SE	54.2	963.0	202.2	0	0	1	1
20-Aug-10	1600	14.9	132	SE	52.0	1015.0	318.5	0	0	1	1
20-Aug-10	1700	16.0	127	SE	50.9	958.0	311.0	0	0	1	1
20-Aug-10	1800	14.4	113	ESE	50.1	915.0	304.9	0	0	1	1
20-Aug-10	1900	14.7	96	E	48.8	830.0	278.4	0	0	1	1
20-Aug-10	2000	13.6	89	E	48.8	831.0	280.9	0	0	1	1
20-Aug-10	2100	7.4	62	ENE	48.4	842.0	275.6	0	0	1	1
20-Aug-10	2200	6.6	44	NE	49.2	830.0	278.3	0	0	1	1
20-Aug-10	2300	7.5	46	NE	48.0	723.0	239.3	0	0	1	1

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20-Aug-10	2400	7.0	69	ENE	48.7	681.3	223.0	0	0	1	1
21-Aug-10	100	7.2	26	NNE	47.8	634.6	207.8	0	0	1	1
21-Aug-10	200	6.9	343	NNW	50.4	633.6	208.1	0	1	1	1
21-Aug-10	300	8.9	333	NNW	51.8	652.5	208.9	0	1	1	1
21-Aug-10	400	10.8	351	N	47.7	600.1	199.3	0	0	1	1
21-Aug-10	500	11.4	8	N	46.5	412.7	135.2	0	0	1	1
21-Aug-10	600	15.2	13	NNE	50.0	345.0	114.2	0	0	1	1
21-Aug-10	700	10.6	356	N	50.9	404.4	131.2	0	0	1	1
21-Aug-10	800	11.2	339	NNW	51.0	440.1	143.7	0	0	1	1
21-Aug-10	900	9.5	357	N	51.8	462.0	150.4	0	0	1	1
21-Aug-10	1000	10.0	354	N	51.3	517.5	170.6	0	0	1	1
21-Aug-10	1100	9.5	341	NNW	50.0	527.0	174.6	0	0	1	1
21-Aug-10	1200	8.4	355	N	50.0	537.5	172.8	0	0	1	1
21-Aug-10	1300	8.9	9	N	49.6	501.0	162.6	0	0	1	1
21-Aug-10	1400	9.8	16	NNE	49.1	506.4	193.7	0	0	1	1
21-Aug-10	1500	10.4	29	NNE	49.4	479.1	194.2	0	0	1	1



## 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
<b>Alarms</b>											
<b>PM2.5</b>						1 Hour Average – <b>80 ug/m3</b>					
<b>TSP</b>						1 Hour Average – <b>267 ug/m3</b>					
<b>SOUND</b> Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour											
<b>MST</b> Mountain Standard time is applied to data; when Daylight Savings Time is in effect, it is used for alarm consideration											
<b>Rainfall</b> 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) – <b>50 dba</b>											
1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – <b>65 dba</b>											
1 Hour Average – Weekends (Sat/Sun & holidays) Evenings (10:01pm-9:00am) – <b>50 dba</b>											
1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – <b>65 dba</b>											
21-Aug-10	1600	8.2	51	NE	49.7	500.7	190.8	0	0	1	1
21-Aug-10	1700	9.8	46	NE	47.8	471.8	183.5	0	0	1	1
21-Aug-10	1800	8.5	60	ENE	48.4	471.6	190.0	0	0	1	1
21-Aug-10	1900	7.8	57	ENE	46.3	498.3	198.2	0	0	1	1
21-Aug-10	2000	8.0	54	NE	45.2	497.3	204.0	0	0	1	1
21-Aug-10	2100	7.0	35	NE	45.9	487.1	194.2	0	0	1	1
21-Aug-10	2200	8.1	30	NNE	45.5	449.0	177.3	0	0	1	1
21-Aug-10	2300	8.5	30	NNE	45.0	408.4	159.4	0	0	1	1
21-Aug-10	2400	5.8	357	N	44.9	392.7	154.6	0	0	1	1
22-Aug-10	100	5.5	287	WNW	43.7	380.0	145.7	0	0	1	1
22-Aug-10	200	5.1	38	NE	44.3	382.8	151.8	0	0	1	1
22-Aug-10	300	8.8	13	NNE	42.5	372.0	148.2	0	0	1	1
22-Aug-10	400	8.4	3	N	42.0	401.1	158.0	0	0	1	1
22-Aug-10	500	13.4	23	NNE	42.9	350.9	100.3	0	0	1	1
22-Aug-10	600	10.5	32	NNE	45.3	366.5	96.3	0	0	1	1
22-Aug-10	700	7.2	38	NE	46.6	429.1	163.3	0	0	1	1

## 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
<b>Alarms</b>											
<b>PM2.5</b>						1 Hour Average – <b>80 ug/m3</b>					
<b>TSP</b>						1 Hour Average – <b>267 ug/m3</b>					
<b>SOUND</b> Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour											
<b>MST</b> Mountain Standard time is applied to data; when Daylight Savings Time is in effect, it is used for alarm consideration											
<b>Rainfall</b> 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) – <b>50 dba</b>											
1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – <b>65 dba</b>											
1 Hour Average – Weekends (Sat/Sun & holidays) Evenings (10:01pm-9:00am) – <b>50 dba</b>											
1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – <b>65 dba</b>											
22-Aug-10	800	6.8	38	NE	46.5	397.5	158.4	0	0	1	1
22-Aug-10	900	6.8	54	NE	47.0	385.0	154.3	0	0	1	1
22-Aug-10	1000	6.6	86	E	48.3	403.4	161.0	0	0	1	1
22-Aug-10	1100	9.2	128	SE	49.1	406.6	157.3	0	0	1	1
22-Aug-10	1200	8.6	146	SE	49.7	386.0	152.6	0	0	1	1
22-Aug-10	1300	4.8	155	SSE	49.0	405.7	161.0	0	0	1	1
22-Aug-10	1400	7.3	337	NNW	49.1	391.4	164.3	0	0	1	1
22-Aug-10	1500	15.8	316	NW	50.3	163.4	76.9	0	0	0	0
22-Aug-10	1600	7.6	247	WSW	49.7	20.3	11.8	0	0	0	0
22-Aug-10	1700	10.0	353	N	50.4	40.9	16.6	0.2	0	0	0
22-Aug-10	1800	14.5	9	N	49.4	46.2	29.4	0.2	0	0	0
22-Aug-10	1900	12.0	338	NNW	46.2	35.1	10.0	0	0	0	0
22-Aug-10	2000	16.3	318	NW	46.5	15.2	14.5	0	0	0	0
22-Aug-10	2100	15.3	318	NW	46.7	11.1	7.7	0	0	0	0
22-Aug-10	2200	16.1	330	NNW	48.9	23.9	8.8	0.1	0	0	0
22-Aug-10	2300	19.2	329	NNW	49.3	28.2	12.9	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
<b>Alarms</b>											
<b>PM2.5</b>					1 Hour Average – <b>80 ug/m3</b>						
<b>TSP</b>					1 Hour Average – <b>267 ug/m3</b>						
<b>SOUND Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour</b>											
<b>MST Mountain Standard time is applied to data; when Daylight Savings Time is in effect, it is used for alarm consideration</b>											
<b>Rainfall Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm</b>											
1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – <b>50 dba</b>											
1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – <b>65 dba</b>											
1 Hour Average – Weekends (Sat/Sun & holidays) Evenings (10:01pm-9:00am) – <b>50 dba</b>											
1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – <b>65 dba</b>											
22-Aug-10	2400	24.5	320	NW	52.6	40.3	17.8	0	0	0	0
23-Aug-10	100	27.6	316	NW	55.3	60.9	25.3	0	0	0	0
23-Aug-10	200	24.0	312	NW	51.8	36.0	14.6	0	0	0	0
23-Aug-10	300	22.4	318	NW	50.4	72.9	30.8	0	0	0	0
23-Aug-10	400	17.9	314	NW	46.4	33.8	14.9	0	0	0	0
23-Aug-10	500	14.6	320	NW	47.6	47.2	18.0	0	0	0	0
23-Aug-10	600	15.4	331	NNW	53.3	62.9	25.8	0	0	0	0
23-Aug-10	700	12.1	334	NNW	53.9	78.6	27.8	0	0	0	0