

Buckskin Mine

Hourly Wind Speed, Wind Direction,  
Temperature, and Precipitation

for

March 1, 2007 thru April 30, 2007

### Buckskin March and April 2007 Wind and Precip. Hourly Data

<u>Date</u>	<u>Time</u>	<u>Wind Speed</u>	<u>Wind Speed</u>	<u>SigmaTheta</u>	<u>Temp</u>	<u>Precip</u>	
3/1/07	1:00 AM	100	2.713	322.5	13.68	21.01	0
3/1/07	2:00 AM	200	2.744	246.5	46.22	20.28	0
3/1/07	3:00 AM	300	3.69	225.2	9.74	18.82	0
3/1/07	4:00 AM	400	4.184	201.5	5.918	18.38	0
3/1/07	5:00 AM	500	4.044	337.7	36.47	18.02	0
3/1/07	6:00 AM	600	5.55	263.1	14.48	19.71	0
3/1/07	7:00 AM	700	0.762	202.1	20.32	19.37	0
3/1/07	8:00 AM	800	2.449	18.72	32.78	17.31	0
3/1/07	9:00 AM	900	2.912	41.66	19.43	17.39	0
3/1/07	10:00 AM	1000	4.191	41.15	10.21	19.89	0
3/1/07	11:00 AM	1100	7.16	3.783	10.98	20.4	0
3/1/07	12:00 PM	1200	8.66	351	9.57	21.65	0
3/1/07	1:00 PM	1300	13.73	348.9	9.85	24.64	0
3/1/07	2:00 PM	1400	15	332	7.09	25.7	0
3/1/07	3:00 PM	1500	15.56	325.2	8.64	27.61	0
3/1/07	4:00 PM	1600	14.91	328.6	7.82	27.35	0
3/1/07	5:00 PM	1700	17.06	349.4	8.91	25.66	0
3/1/07	6:00 PM	1800	16.08	356.5	8.14	23.89	0
3/1/07	7:00 PM	1900	14.21	342.4	5.346	23.22	0
3/1/07	8:00 PM	2000	15.29	348.7	6.963	22.45	0
3/1/07	9:00 PM	2100	15.78	347.4	5.932	21.73	0
3/1/07	10:00 PM	2200	17.62	347.6	6.722	21.02	0
3/1/07	11:00 PM	2300	17.54	341.6	6.339	20.5	0
3/2/07	12:00 AM	2400	17.51	338.1	6.026	20.4	0
3/2/07	1:00 AM	100	20.13	335.2	5.99	19.26	0
3/2/07	2:00 AM	200	17.36	330	5.887	18.96	0
3/2/07	3:00 AM	300	19.72	334.3	6.386	18.93	0
3/2/07	4:00 AM	400	19.6	331.1	5.745	17.96	0
3/2/07	5:00 AM	500	20.63	329.5	5.902	16.78	0
3/2/07	6:00 AM	600	20.22	335.6	5.956	15.31	0
3/2/07	7:00 AM	700	20.95	338.3	5.502	13.77	0
3/2/07	8:00 AM	800	21.08	330.8	5.952	13.28	0
3/2/07	9:00 AM	900	28.92	326.1	5.571	13.37	0
3/2/07	10:00 AM	1000	30.65	328.9	6.301	13.59	0
3/2/07	11:00 AM	1100	31.01	326.6	6.122	14.16	0
3/2/07	12:00 PM	1200	32.27	327.8	6.384	15.18	0
3/2/07	1:00 PM	1300	30.92	327.7	6.351	16	0
3/2/07	2:00 PM	1400	31.69	328.9	6.416	16.27	0
3/2/07	3:00 PM	1500	30.8	329.5	6.086	16.3	0
3/2/07	4:00 PM	1600	30.3	332	6.273	16.33	0
3/2/07	5:00 PM	1700	27.15	331.2	5.905	16.18	0
3/2/07	6:00 PM	1800	25.29	332	6.017	15.78	0
3/2/07	7:00 PM	1900	22.45	329.6	5.746	14.8	0
3/2/07	8:00 PM	2000	18.71	333.1	5.645	14	0

### Buckskin March and April 2007 Wind and Precip. Hourly Data

<u>Date</u>	<u>Time</u>	<u>Wind Speed</u>	<u>Wind Speed</u>	<u>SigmaTheta</u>	<u>Temp</u>	<u>Precip</u>
3/2/07 9:00 PM	2100	16.49	329.7	5.999	13.29	0
3/2/07 10:00 PM	2200	12.31	320.5	6.69	11.95	0
3/2/07 11:00 PM	2300	11.25	325.3	5.195	10.82	0
3/3/07 12:00 AM	2400	9.61	318.5	3.453	9.19	0
3/3/07 1:00 AM	100	8.37	309.8	4.602	8.18	0
3/3/07 2:00 AM	200	7.69	295	6.433	8.42	0
3/3/07 3:00 AM	300	7.72	289.8	8.09	8.53	0
3/3/07 4:00 AM	400	9.49	288.1	5.524	8.88	0
3/3/07 5:00 AM	500	8.43	292.9	6.626	8.77	0
3/3/07 6:00 AM	600	5.309	205.3	10.65	6.921	0
3/3/07 7:00 AM	700	7.24	200.1	6.898	5.847	0
3/3/07 8:00 AM	800	7.92	200.9	5.002	5.874	0
3/3/07 9:00 AM	900	6.802	182.6	4.316	9.93	0
3/3/07 10:00 AM	1000	8.59	208.5	6.769	18.81	0
3/3/07 11:00 AM	1100	9.97	232.6	6.358	23.86	0
3/3/07 12:00 PM	1200	10.68	222	6.349	27.11	0
3/3/07 1:00 PM	1300	12.6	219.1	7.2	29.4	0
3/3/07 2:00 PM	1400	12.12	213.2	7.82	32.41	0
3/3/07 3:00 PM	1500	9.6	229.2	11.96	35.17	0
3/3/07 4:00 PM	1600	10.18	246.3	11.17	36.79	0
3/3/07 5:00 PM	1700	11.15	273.4	11.49	37.74	0
3/3/07 6:00 PM	1800	9.47	280	9.59	37.5	0
3/3/07 7:00 PM	1900	7.74	260.7	5.511	34	0
3/3/07 8:00 PM	2000	7.18	229.7	5.605	30.89	0
3/3/07 9:00 PM	2100	6.928	247.2	10.73	31.97	0
3/3/07 10:00 PM	2200	9.55	261.9	8.7	34.43	0
3/3/07 11:00 PM	2300	14.01	277.9	5.538	34.87	0
3/4/07 12:00 AM	2400	15.23	294.4	5.456	35.63	0
3/4/07 1:00 AM	100	16.86	297.4	4.529	34.64	0
3/4/07 2:00 AM	200	14.53	299.1	5.121	33.7	0
3/4/07 3:00 AM	300	11.81	287.5	5.102	33.01	0
3/4/07 4:00 AM	400	8.67	272.4	18.76	32.85	0
3/4/07 5:00 AM	500	5.949	203.2	11.42	29.31	0
3/4/07 6:00 AM	600	9.01	202	3.893	28.77	0
3/4/07 7:00 AM	700	8.25	197.7	9.22	29.01	0
3/4/07 8:00 AM	800	8.74	193.2	7.41	28.7	0
3/4/07 9:00 AM	900	9.32	190.4	8.26	31.28	0
3/4/07 10:00 AM	1000	10.15	194.2	10.65	36.15	0
3/4/07 11:00 AM	1100	8.5	206.5	10.06	40.4	0
3/4/07 12:00 PM	1200	13.06	217.4	5.388	43.32	0
3/4/07 1:00 PM	1300	13.21	217.1	6.208	45.35	0
3/4/07 2:00 PM	1400	11.28	214.8	9.1	47.48	0
3/4/07 3:00 PM	1500	8.02	228.1	14.68	48.53	0
3/4/07 4:00 PM	1600	5.407	249.8	24.4	49.36	0

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<u>Date</u>	<u>Time</u>	<u>Wind Speed</u>	<u>Wind Speed</u>	<u>SigmaTheta</u>	<u>Temp</u>	<u>Precip</u>
3/4/07 5:00 PM	1700	5.142	248.6	13.14	49.58	0
3/4/07 6:00 PM	1800	5.525	233.8	6.283	47.5	0
3/4/07 7:00 PM	1900	5.379	231	4.227	42.96	0
3/4/07 8:00 PM	2000	4.173	207.4	5.441	38.37	0
3/4/07 9:00 PM	2100	5.552	197.7	6.748	35.46	0
3/4/07 10:00 PM	2200	6.328	185.4	3.927	34.21	0
3/4/07 11:00 PM	2300	6.952	200.5	4.603	32.02	0
3/5/07 12:00 AM	2400	7.52	194.3	4.524	31.71	0
3/5/07 1:00 AM	100	8.25	199.8	5.363	32.34	0
3/5/07 2:00 AM	200	8.08	194.8	5.141	33.04	0
3/5/07 3:00 AM	300	8.93	190.1	3.786	32.31	0
3/5/07 4:00 AM	400	7.23	210.5	8.89	33.36	0
3/5/07 5:00 AM	500	8.18	189.6	5.723	30.86	0
3/5/07 6:00 AM	600	8.56	191.3	2.839	30.49	0
3/5/07 7:00 AM	700	8.5	191.1	3.357	29.91	0
3/5/07 8:00 AM	800	9.43	194.4	3.296	30.32	0
3/5/07 9:00 AM	900	9.77	194.9	6.361	34.57	0
3/5/07 10:00 AM	1000	9.07	194.8	6.693	39.51	0
3/5/07 11:00 AM	1100	6.696	193.9	8.95	44.34	0
3/5/07 12:00 PM	1200	7.67	212.4	7.3	49.67	0
3/5/07 1:00 PM	1300	8.43	191.5	10.87	51.94	0
3/5/07 2:00 PM	1400	11.05	187.3	9.85	53.69	0
3/5/07 3:00 PM	1500	9.76	169.1	11.48	54.2	0
3/5/07 4:00 PM	1600	9.52	141.5	7.14	53.03	0
3/5/07 5:00 PM	1700	10.95	113.8	6.115	53.64	0
3/5/07 6:00 PM	1800	8.23	92	4.413	51.02	0
3/5/07 7:00 PM	1900	9.52	112.9	7.68	45.93	0
3/5/07 8:00 PM	2000	7.25	152.1	4.312	42.57	0
3/5/07 9:00 PM	2100	7.84	158.4	5.063	41.32	0
3/5/07 10:00 PM	2200	2.145	156.2	12.96	40.55	0
3/5/07 11:00 PM	2300	5.918	356.3	8.19	38.88	0
3/6/07 12:00 AM	2400	4.546	290.4	26.57	37.79	0
3/6/07 1:00 AM	100	2.86	216.8	19.97	34.39	0
3/6/07 2:00 AM	200	3.762	254	23.2	34.45	0
3/6/07 3:00 AM	300	3.805	239.2	21.59	36.78	0
3/6/07 4:00 AM	400	6.795	283.5	29.5	41.53	0
3/6/07 5:00 AM	500	7.74	301.5	5.765	39.5	0
3/6/07 6:00 AM	600	4.576	297.1	15.75	38.92	0
3/6/07 7:00 AM	700	6.227	305.9	6.708	39.55	0
3/6/07 8:00 AM	800	3.131	274.2	21.96	39.19	0
3/6/07 9:00 AM	900	3.762	234.1	27.27	38.85	0
3/6/07 10:00 AM	1000	12.54	299.4	6.48	45.56	0
3/6/07 11:00 AM	1100	14.08	317.5	8.5	48.28	0
3/6/07 12:00 PM	1200	13.89	318.4	9.97	49.88	0

### Buckskin March and April 2007 Wind and Precip. Hourly Data

<u>Date</u>	<u>Time</u>	<u>Wind Speed</u>	<u>Wind Speed</u>	<u>SigmaTheta</u>	<u>Temp</u>	<u>Precip</u>
3/6/07 1:00 PM	1300	13.04	327.3	11.01	50.42	0
3/6/07 2:00 PM	1400	11.91	335.3	11.14	51.79	0
3/6/07 3:00 PM	1500	14.53	333.5	10.48	52.81	0
3/6/07 4:00 PM	1600	12.95	326.5	11.44	53.2	0
3/6/07 5:00 PM	1700	12.28	340.8	10.66	53.12	0
3/6/07 6:00 PM	1800	8.87	329	8.47	51.73	0
3/6/07 7:00 PM	1900	8.1	326.4	3.896	46.41	0
3/6/07 8:00 PM	2000	7.27	320.2	3.39	42.84	0
3/6/07 9:00 PM	2100	4.457	337	28.11	40.52	0
3/6/07 10:00 PM	2200	3.267	212.6	12.48	36.02	0
3/6/07 11:00 PM	2300	3.688	180.8	8.19	33.58	0
3/7/07 12:00 AM	2400	5.277	195.3	5.078	30.74	0
3/7/07 1:00 AM	100	6.678	196.2	3.235	30.63	0
3/7/07 2:00 AM	200	7.36	205.7	3.588	29.56	0
3/7/07 3:00 AM	300	6.769	196.6	3.131	30.62	0
3/7/07 4:00 AM	400	6.893	197.9	4.424	30.08	0
3/7/07 5:00 AM	500	8.03	197.8	3.899	30.13	0
3/7/07 6:00 AM	600	7.69	182.1	5.2	30.56	0
3/7/07 7:00 AM	700	9.52	175.4	2.82	30.06	0
3/7/07 8:00 AM	800	8.66	174.5	2.27	31.14	0
3/7/07 9:00 AM	900	4.949	161.3	7.51	36.21	0
3/7/07 10:00 AM	1000	6.757	159	7.81	42.63	0
3/7/07 11:00 AM	1100	5.991	159.6	11.92	48.15	0
3/7/07 12:00 PM	1200	7.28	173	12.13	52.31	0
3/7/07 1:00 PM	1300	9.74	179.7	11.68	55.43	0
3/7/07 2:00 PM	1400	10.42	167.5	15.33	58.29	0
3/7/07 3:00 PM	1500	12.13	175	15.08	59.96	0
3/7/07 4:00 PM	1600	12.69	172.5	11.31	61.27	0
3/7/07 5:00 PM	1700	12.16	188.7	10.62	61.76	0
3/7/07 6:00 PM	1800	11.47	177	5.499	59.99	0
3/7/07 7:00 PM	1900	10.75	168.2	2.81	53.39	0
3/7/07 8:00 PM	2000	7.35	198	12.22	46.12	0
3/7/07 9:00 PM	2100	7.02	189.3	10.32	43.85	0
3/7/07 10:00 PM	2200	7.48	206.3	7.15	42.8	0
3/7/07 11:00 PM	2300	10.63	211.5	10.59	42.21	0
3/8/07 12:00 AM	2400	6.24	223.6	9.67	42.24	0
3/8/07 1:00 AM	100	7.6	199.4	6.232	40.04	0
3/8/07 2:00 AM	200	8.99	199.6	9.88	40.39	0
3/8/07 3:00 AM	300	8.3	188.3	7.89	40.09	0
3/8/07 4:00 AM	400	9.13	206.4	6.725	39.81	0
3/8/07 5:00 AM	500	7.23	216.5	8.73	40.49	0
3/8/07 6:00 AM	600	7.47	204.8	7.78	39.01	0
3/8/07 7:00 AM	700	9.25	190.6	4.401	36.89	0
3/8/07 8:00 AM	800	5.002	178.1	24.62	37.66	0

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<u>Date</u>	<u>Time</u>	<u>Wind Speed</u>	<u>Wind Speed</u>	<u>SigmaTheta</u>	<u>Temp</u>	<u>Precip</u>
3/8/07 9:00 AM	900	3.833	174	11.69	41.79	0
3/8/07 10:00 AM	1000	6.48	170.7	8.23	44.73	0
3/8/07 11:00 AM	1100	7.03	175.4	9.77	50.08	0
3/8/07 12:00 PM	1200	5.778	167.1	12.59	53.96	0
3/8/07 1:00 PM	1300	4.986	139.5	15.34	57.18	0
3/8/07 2:00 PM	1400	4.831	77.6	20.29	58.25	0
3/8/07 3:00 PM	1500	20.46	343.7	8.65	53.8	0
3/8/07 4:00 PM	1600	24.12	333.4	6.856	49.77	0
3/8/07 5:00 PM	1700	24.58	332.2	6.365	46.78	0
3/8/07 6:00 PM	1800	24.07	335.4	6.745	46.79	0
3/8/07 7:00 PM	1900	11.91	321.7	7.47	43.37	0
3/8/07 8:00 PM	2000	9.11	275.4	5.093	39.71	0
3/8/07 9:00 PM	2100	9.14	286.6	4.625	37.72	0
3/8/07 10:00 PM	2200	10.56	287.4	3.582	36.37	0
3/8/07 11:00 PM	2300	8.92	290.4	6.344	35.09	0
3/9/07 12:00 AM	2400	8.74	309.1	5.386	33.8	0
3/9/07 1:00 AM	100	8.31	309	5.139	34.75	0
3/9/07 2:00 AM	200	5.337	197.8	27.29	30.83	0
3/9/07 3:00 AM	300	7.11	206.6	5.497	29.29	0
3/9/07 4:00 AM	400	6.263	197.1	4.652	28.94	0
3/9/07 5:00 AM	500	8.11	197.4	5.029	28.7	0
3/9/07 6:00 AM	600	7.23	197.3	4.266	27.16	0
3/9/07 7:00 AM	700	7.97	184.6	5.557	27.58	0
3/9/07 8:00 AM	800	11.7	184.9	5.885	31.07	0
3/9/07 9:00 AM	900	10.25	174.1	9.38	32.92	0
3/9/07 10:00 AM	1000	9.07	177.6	11.62	36.32	0
3/9/07 11:00 AM	1100	11.23	245.8	10.06	42.68	0
3/9/07 12:00 PM	1200	12.8	319	10.3	47.2	0
3/9/07 1:00 PM	1300	17.86	331.5	9.52	49.48	0
3/9/07 2:00 PM	1400	17.54	329.5	10.2	50.04	0
3/9/07 3:00 PM	1500	17.06	336.8	11.02	49.63	0
3/9/07 4:00 PM	1600	17.63	332	11.45	50.57	0
3/9/07 5:00 PM	1700	12.54	339	10.34	50.14	0
3/9/07 6:00 PM	1800	6.568	344.1	7.07	48.76	0
3/9/07 7:00 PM	1900	5.22	2.752	5.607	45.16	0
3/9/07 8:00 PM	2000	5.122	43.57	14	42.81	0
3/9/07 9:00 PM	2100	3.434	185.8	27.23	37.69	0
3/9/07 10:00 PM	2200	4.624	196.2	9.54	32.68	0
3/9/07 11:00 PM	2300	4.704	206.1	10.24	31.08	0
3/10/07 12:00 AM	2400	4.422	185.1	16.25	30.75	0
3/10/07 1:00 AM	100	4.581	203.8	6.028	31.35	0
3/10/07 2:00 AM	200	4.385	183.8	8.71	31.52	0
3/10/07 3:00 AM	300	4.048	174.5	16.37	29.69	0
3/10/07 4:00 AM	400	5.111	193.7	7.89	29.26	0

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3/10/07 5:00 AM	500	7.52	190.7	5.22	29.2	0
3/10/07 6:00 AM	600	8.85	183	3.28	31.18	0
3/10/07 7:00 AM	700	8.77	177.3	3.193	31.83	0
3/10/07 8:00 AM	800	5.948	174.4	6.157	31.8	0
3/10/07 9:00 AM	900	9.97	179.2	2.894	34.18	0
3/10/07 10:00 AM	1000	9.14	190.6	5.01	37.69	0
3/10/07 11:00 AM	1100	8.75	185.4	7.08	40.92	0
3/10/07 12:00 PM	1200	10.62	168.5	9.09	45.53	0
3/10/07 1:00 PM	1300	13.47	161	9.81	49.61	0
3/10/07 2:00 PM	1400	13	145	10.51	49.94	0
3/10/07 3:00 PM	1500	9.32	144.8	13.87	50.05	0
3/10/07 4:00 PM	1600	10.74	170.3	13.44	50.94	0
3/10/07 5:00 PM	1700	8.58	180.4	16.46	50.37	0
3/10/07 6:00 PM	1800	4.093	170.6	12.63	48.95	0
3/10/07 7:00 PM	1900	7.06	146.1	5.183	44.78	0
3/10/07 8:00 PM	2000	8.2	158	4.841	39.62	0
3/10/07 9:00 PM	2100	6.921	197.7	9.62	37.92	0
3/10/07 10:00 PM	2200	7.76	190.7	5.03	36.75	0
3/10/07 11:00 PM	2300	8.69	181.3	6.077	35.3	0
3/11/07 12:00 AM	2400	6.085	197.5	11.21	36.76	0
3/11/07 1:00 AM	100	7.78	181.8	5.5	34.52	0
3/11/07 2:00 AM	200	11.27	170.6	4.455	33.17	0
3/11/07 3:00 AM	300	7.5	189.6	5.401	31.79	0
3/11/07 4:00 AM	400	9.64	185	4.797	32.3	0
3/11/07 5:00 AM	500	9.42	188.4	7.01	33.86	0
3/11/07 6:00 AM	600	11.43	201.3	6.432	36.12	0
3/11/07 7:00 AM	700	8.75	183.5	5.86	34.63	0
3/11/07 8:00 AM	800	9.22	185.7	8.19	35.74	0
3/11/07 9:00 AM	900	9.74	195.3	6.623	36.23	0
3/11/07 10:00 AM	1000	9.96	199.4	7.07	40.52	0
3/11/07 11:00 AM	1100	12.83	215.8	6.732	47.34	0
3/11/07 12:00 PM	1200	10.26	199.8	6.905	52.71	0
3/11/07 1:00 PM	1300	9.81	217.3	10.76	58.11	0
3/11/07 2:00 PM	1400	7.76	264.5	23.51	60.85	0
3/11/07 3:00 PM	1500	10.1	291.8	15.51	61.51	0
3/11/07 4:00 PM	1600	12.56	280.4	14.36	62.4	0
3/11/07 5:00 PM	1700	12.86	277.5	10.06	61.69	0
3/11/07 6:00 PM	1800	8.62	275.5	8.55	59.45	0
3/11/07 7:00 PM	1900	6.285	277	8.05	56.35	0
3/11/07 8:00 PM	2000	6.133	243.7	10.8	52.6	0
3/11/07 9:00 PM	2100	5.801	214.1	17.31	48.77	0
3/11/07 10:00 PM	2200	5.363	206.6	7.06	44.89	0
3/11/07 11:00 PM	2300	7.45	203.4	8.55	45.55	0
3/12/07 12:00 AM	2400	8.35	197.7	8.48	44.76	0

### Buckskin March and April 2007 Wind and Precip. Hourly Data

<u>Date</u>	<u>Time</u>	<u>Wind Speed</u>	<u>Wind Speed</u>	<u>SigmaTheta</u>	<u>Temp</u>	<u>Precip</u>	
3/12/07	1:00 AM	100	8.29	197.1	7.99	45.19	0
3/12/07	2:00 AM	200	8.97	198.1	5.961	44.73	0
3/12/07	3:00 AM	300	11.37	210.3	4.616	43.12	0
3/12/07	4:00 AM	400	10.69	203	6.768	44.91	0
3/12/07	5:00 AM	500	12.82	209.4	6.968	45.87	0
3/12/07	6:00 AM	600	12.85	224.9	5.742	46.29	0
3/12/07	7:00 AM	700	11.66	214.9	8.48	45.41	0
3/12/07	8:00 AM	800	14.42	220.2	5.763	46.29	0
3/12/07	9:00 AM	900	12.74	206.7	5.9	51.36	0
3/12/07	10:00 AM	1000	13	211.9	7.1	59.46	0
3/12/07	11:00 AM	1100	19.02	224.6	5.718	63.92	0
3/12/07	12:00 PM	1200	16.64	220.6	7.29	68.66	0
3/12/07	1:00 PM	1300	17.55	222.3	7.04	71.7	0
3/12/07	2:00 PM	1400	18.03	231.6	8.02	73.1	0
3/12/07	3:00 PM	1500	13.4	238.8	11.22	74.6	0
3/12/07	4:00 PM	1600	12.37	249.1	11.99	76.4	0
3/12/07	5:00 PM	1700	13.7	244.6	7.61	72.7	0
3/12/07	6:00 PM	1800	12.14	217.3	4.468	64.87	0
3/12/07	7:00 PM	1900	12.35	220.2	4.269	59.45	0
3/12/07	8:00 PM	2000	11.08	210.9	3.574	55.48	0
3/12/07	9:00 PM	2100	11.87	210.5	5.499	54.04	0
3/12/07	10:00 PM	2200	9.49	219	8.74	54.88	0
3/12/07	11:00 PM	2300	11.2	229.3	7.9	55.06	0
3/13/07	12:00 AM	2400	14.68	335.9	23.44	54.3	0
3/13/07	1:00 AM	100	5.11	337.4	11.36	48.02	0
3/13/07	2:00 AM	200	4.182	254.8	10.62	47.48	0
3/13/07	3:00 AM	300	4.399	232	20.71	45.45	0
3/13/07	4:00 AM	400	4.954	210	9.94	42.52	0
3/13/07	5:00 AM	500	5.38	189.4	10.69	40.73	0
3/13/07	6:00 AM	600	5.749	202	6.034	40.28	0
3/13/07	7:00 AM	700	6.316	198.2	10.3	39.53	0
3/13/07	8:00 AM	800	6.969	194.5	8.13	39.52	0
3/13/07	9:00 AM	900	7.92	200.3	6.077	42.62	0
3/13/07	10:00 AM	1000	7.18	184.9	9.08	50.15	0
3/13/07	11:00 AM	1100	9.96	161.9	17.35	57.92	0
3/13/07	12:00 PM	1200	16.56	167.6	9.7	61.84	0
3/13/07	1:00 PM	1300	11.27	175.5	17.18	65.22	0
3/13/07	2:00 PM	1400	10.32	248.2	25.51	68.18	0
3/13/07	3:00 PM	1500	10.54	322.5	12.76	67.28	0
3/13/07	4:00 PM	1600	13.27	15.17	9.47	67	0
3/13/07	5:00 PM	1700	17.68	24.9	7.31	65.53	0
3/13/07	6:00 PM	1800	21.96	16.93	5.659	59.67	0
3/13/07	7:00 PM	1900	26.5	15.47	6.581	51.43	0
3/13/07	8:00 PM	2000	17.01	23.44	6.584	46.83	0

### Buckskin March and April 2007 Wind and Precip. Hourly Data

<u>Date</u>	<u>Time</u>	<u>Wind Speed</u>	<u>Wind Speed</u>	<u>SigmaTheta</u>	<u>Temp</u>	<u>Precip</u>
3/13/07 9:00 PM	2100	15.43	35.11	5.159	43.82	0
3/13/07 10:00 PM	2200	8.62	41.53	5.132	40.86	0
3/13/07 11:00 PM	2300	4.035	28.49	12.72	39.52	0
3/14/07 12:00 AM	2400	7.38	7.72	9.12	38.72	0
3/14/07 1:00 AM	100	7.02	354.2	8.73	39.44	0
3/14/07 2:00 AM	200	11.35	15.98	6.937	39.74	0
3/14/07 3:00 AM	300	10.68	29.75	6.301	37.56	0
3/14/07 4:00 AM	400	9.12	25.43	7.42	36.72	0
3/14/07 5:00 AM	500	8.67	49.37	12.98	36.21	0
3/14/07 6:00 AM	600	9.24	67.59	5.615	35.66	0
3/14/07 7:00 AM	700	7.05	103.1	8.81	35.79	0
3/14/07 8:00 AM	800	12.49	110.9	5.652	36.9	0
3/14/07 9:00 AM	900	15.28	115.2	6.828	36.61	0
3/14/07 10:00 AM	1000	14.85	100.1	7.19	38.12	0
3/14/07 11:00 AM	1100	12.59	106.1	27.84	39.68	0
3/14/07 12:00 PM	1200	16.49	56.21	9.69	34.05	0.03
3/14/07 1:00 PM	1300	17.25	66.43	7.26	36.17	0
3/14/07 2:00 PM	1400	14.48	82	8.83	40.51	0
3/14/07 3:00 PM	1500	13.54	87.1	11.32	44.61	0
3/14/07 4:00 PM	1600	12.95	51.63	13.78	44.44	0
3/14/07 5:00 PM	1700	16.23	49.85	7.74	41.26	0
3/14/07 6:00 PM	1800	13.32	57.41	7.23	38.15	0
3/14/07 7:00 PM	1900	6.039	17.67	14.76	38.68	0
3/14/07 8:00 PM	2000	15.67	343.6	8.12	38.58	0
3/14/07 9:00 PM	2100	21.16	354.4	9.16	33.24	0
3/14/07 10:00 PM	2200	8.69	351.5	7.45	32.55	0
3/14/07 11:00 PM	2300	7.39	336.2	7.11	32.55	0
3/15/07 12:00 AM	2400	6.739	315.4	6.876	33	0
3/15/07 1:00 AM	100	7.63	318.9	6.55	32.37	0
3/15/07 2:00 AM	200	9.41	313.7	5.508	32.23	0
3/15/07 3:00 AM	300	9.75	315.1	5.832	31.33	0
3/15/07 4:00 AM	400	10.57	292.7	6.431	29.97	0
3/15/07 5:00 AM	500	10.47	285.6	6.182	28.54	0
3/15/07 6:00 AM	600	8.82	285.7	8.3	28.39	0
3/15/07 7:00 AM	700	5.853	309.1	6.858	26.27	0
3/15/07 8:00 AM	800	4.493	323.9	9.56	26.66	0
3/15/07 9:00 AM	900	5.983	328.2	9	30.3	0
3/15/07 10:00 AM	1000	6.654	341.6	14.77	31.63	0
3/15/07 11:00 AM	1100	5.553	339.5	30.66	33.34	0
3/15/07 12:00 PM	1200	6.355	327.4	28	35.4	0
3/15/07 1:00 PM	1300	7.16	298.3	26.39	37.37	0
3/15/07 2:00 PM	1400	10.54	302.7	17.44	38.37	0
3/15/07 3:00 PM	1500	10.16	306.5	19.19	38.79	0
3/15/07 4:00 PM	1600	6.834	298.6	46.05	39.42	0

### Buckskin March and April 2007 Wind and Precip. Hourly Data

<u>Date</u>	<u>Time</u>	<u>Wind Speed</u>	<u>Wind Speed</u>	<u>SigmaTheta</u>	<u>Temp</u>	<u>Precip</u>
3/15/07 5:00 PM	1700	2.306	290.5	46.68	39.38	0
3/15/07 6:00 PM	1800	4.152	272.2	39.63	40.95	0
3/15/07 7:00 PM	1900	0.969	314.4	8.54	38.64	0
3/15/07 8:00 PM	2000	5.912	47.57	29.76	34.06	0
3/15/07 9:00 PM	2100	6.448	93	16.23	31.1	0
3/15/07 10:00 PM	2200	4.124	173.9	29.74	28.47	0
3/15/07 11:00 PM	2300	6.073	185.8	7.48	26.31	0
3/16/07 12:00 AM	2400	10.11	173.2	5.052	28	0
3/16/07 1:00 AM	100	11.8	178.7	4.505	30.1	0
3/16/07 2:00 AM	200	15.38	175.9	5.755	29.8	0
3/16/07 3:00 AM	300	14.97	179.9	5.896	29.15	0
3/16/07 4:00 AM	400	15.34	174.6	3.99	29.29	0
3/16/07 5:00 AM	500	10.62	189.1	6.037	29.77	0
3/16/07 6:00 AM	600	6.433	169.3	7.57	30.14	0
3/16/07 7:00 AM	700	5.513	184.3	7.13	30.31	0
3/16/07 8:00 AM	800	6.878	183.1	7.83	30.74	0
3/16/07 9:00 AM	900	9.14	194.1	5.377	35.61	0
3/16/07 10:00 AM	1000	9.01	204.5	6.574	40.94	0
3/16/07 11:00 AM	1100	6.97	214.8	12.53	46.38	0
3/16/07 12:00 PM	1200	5.8	236.3	23.05	48.3	0
3/16/07 1:00 PM	1300	4.594	242.1	22.99	49.17	0
3/16/07 2:00 PM	1400	2.845	249.2	38.46	50.74	0
3/16/07 3:00 PM	1500	1.704	185.7	43.35	50.95	0
3/16/07 4:00 PM	1600	2.161	147.3	35.04	52.35	0
3/16/07 5:00 PM	1700	2.127	116.5	52.8	52.72	0
3/16/07 6:00 PM	1800	3.305	7.2	21.9	52.31	0
3/16/07 7:00 PM	1900	3.637	62.08	18.12	49.42	0
3/16/07 8:00 PM	2000	5.451	194.4	10.4	47.3	0
3/16/07 9:00 PM	2100	5.61	205.1	5.722	46.84	0
3/16/07 10:00 PM	2200	5.706	217.1	7	46.2	0
3/16/07 11:00 PM	2300	7.15	237.4	7.48	47.93	0
3/17/07 12:00 AM	2400	7.27	256.6	7.26	49.98	0
3/17/07 1:00 AM	100	8.02	255.7	7.33	48.74	0
3/17/07 2:00 AM	200	10.01	273.6	6.278	48.17	0
3/17/07 3:00 AM	300	11.59	291.6	4.631	46.83	0
3/17/07 4:00 AM	400	6.876	297.2	8.01	45.88	0
3/17/07 5:00 AM	500	5.737	303.2	7.31	46.32	0
3/17/07 6:00 AM	600	6.61	298.8	5.544	45.62	0
3/17/07 7:00 AM	700	5.555	271.9	16.99	42.85	0
3/17/07 8:00 AM	800	3.261	231.1	25.36	41.64	0
3/17/07 9:00 AM	900	4.687	193.8	9.17	45.69	0
3/17/07 10:00 AM	1000	4.691	180.9	13.24	51.73	0
3/17/07 11:00 AM	1100	8.63	216.7	16.54	55.66	0
3/17/07 12:00 PM	1200	9.18	251.6	13.44	57.66	0

### Buckskin March and April 2007 Wind and Precip. Hourly Data

<u>Date</u>	<u>Time</u>	<u>Wind Speed</u>	<u>Wind Speed</u>	<u>SigmaTheta</u>	<u>Temp</u>	<u>Precip</u>
3/17/07 1:00 PM	1300	7.67	255.4	21.94	59.85	0
3/17/07 2:00 PM	1400	5.196	275	30.37	61.74	0
3/17/07 3:00 PM	1500	7.1	236.7	21.8	63.89	0
3/17/07 4:00 PM	1600	7.28	222.9	26.79	66.17	0
3/17/07 5:00 PM	1700	6.276	230.5	21.65	67.37	0
3/17/07 6:00 PM	1800	4.867	280.6	20.99	67.39	0
3/17/07 7:00 PM	1900	3.322	10.12	11.82	64.55	0
3/17/07 8:00 PM	2000	4.214	44.4	7.24	60.23	0
3/17/07 9:00 PM	2100	3.598	145.8	26.17	53.33	0
3/17/07 10:00 PM	2200	3.714	190.6	18.03	49.49	0
3/17/07 11:00 PM	2300	4.826	189.9	6.422	45.64	0
3/18/07 12:00 AM	2400	4.467	184	12.4	42.24	0
3/18/07 1:00 AM	100	6.327	185.1	10.58	38.72	0
3/18/07 2:00 AM	200	7.8	188.4	6.075	36.64	0
3/18/07 3:00 AM	300	9.8	203.7	3.91	35.05	0
3/18/07 4:00 AM	400	12.5	195.2	3.66	39.09	0
3/18/07 5:00 AM	500	10.11	194.8	3.171	40.98	0
3/18/07 6:00 AM	600	7.81	184.6	6.174	40.2	0
3/18/07 7:00 AM	700	9.82	196.9	4.461	40.7	0
3/18/07 8:00 AM	800	6.175	200.7	32.85	44.05	0
3/18/07 9:00 AM	900	4.731	291	17.96	50.45	0
3/18/07 10:00 AM	1000	10.86	290.6	24.95	58.4	0
3/18/07 11:00 AM	1100	17.91	339.3	8.99	61.87	0
3/18/07 12:00 PM	1200	15.74	336.7	11.79	63.24	0
3/18/07 1:00 PM	1300	19.84	327	9.01	65.19	0
3/18/07 2:00 PM	1400	23.71	337.5	8.53	64.74	0
3/18/07 3:00 PM	1500	26.45	334.7	9.06	62.27	0
3/18/07 4:00 PM	1600	26.52	333.4	8.46	60.73	0
3/18/07 5:00 PM	1700	24.75	333.8	7.43	58.99	0
3/18/07 6:00 PM	1800	25.19	352.6	8.43	56.97	0
3/18/07 7:00 PM	1900	19.21	358.8	8.09	52.33	0
3/18/07 8:00 PM	2000	12.78	358.3	8.8	47.13	0
3/18/07 9:00 PM	2100	12.66	21.78	6.741	43.83	0
3/18/07 10:00 PM	2200	14.75	25.84	5.366	41.16	0
3/18/07 11:00 PM	2300	13.01	25.82	4.777	39.33	0
3/19/07 12:00 AM	2400	10.51	23.43	7.02	38.63	0
3/19/07 1:00 AM	100	7.51	53.69	8.54	37.52	0
3/19/07 2:00 AM	200	4.454	81.3	14.84	37.33	0
3/19/07 3:00 AM	300	3.949	102.7	16.75	37.44	0
3/19/07 4:00 AM	400	3.631	137.4	14.52	37.21	0
3/19/07 5:00 AM	500	3.657	172.7	11.28	37.44	0
3/19/07 6:00 AM	600	4.131	150.5	7.55	35.45	0
3/19/07 7:00 AM	700	4.755	142.7	6.096	34.05	0
3/19/07 8:00 AM	800	6.797	136.5	7.98	34.82	0

### Buckskin March and April 2007 Wind and Precip. Hourly Data

<u>Date</u>	<u>Time</u>	<u>Wind Speed</u>	<u>Wind Speed</u>	<u>SigmaTheta</u>	<u>Temp</u>	<u>Precip</u>
3/19/07 9:00 AM	900	14.48	155.6	6.899	37.44	0
3/19/07 10:00 AM	1000	12.99	158.4	9.62	42.36	0
3/19/07 11:00 AM	1100	18.37	162.7	8.87	48.81	0
3/19/07 12:00 PM	1200	19.54	163.6	9.47	53.55	0
3/19/07 1:00 PM	1300	20.29	157.2	9.1	56.83	0
3/19/07 2:00 PM	1400	20.4	151.5	10.4	59.27	0
3/19/07 3:00 PM	1500	21.45	160.3	11.17	60.96	0
3/19/07 4:00 PM	1600	22.83	152.8	8.57	60.92	0
3/19/07 5:00 PM	1700	22.64	149.5	7.68	61.02	0
3/19/07 6:00 PM	1800	23.7	148.3	6.757	58.7	0
3/19/07 7:00 PM	1900	23.9	146.5	5.374	54.51	0
3/19/07 8:00 PM	2000	23.11	151.9	5.598	51.12	0
3/19/07 9:00 PM	2100	16.34	159	7.9	48.81	0
3/19/07 10:00 PM	2200	12.3	162.1	6.942	46.89	0
3/19/07 11:00 PM	2300	15.88	156.9	5.534	46.68	0
3/20/07 12:00 AM	2400	17.36	155.9	4.649	45.01	0
3/20/07 1:00 AM	100	13.45	173	5.325	42.55	0
3/20/07 2:00 AM	200	13.92	174.2	4.027	42.28	0
3/20/07 3:00 AM	300	11.52	162.7	5.304	41.63	0
3/20/07 4:00 AM	400	6.954	123.2	13.59	40.91	0
3/20/07 5:00 AM	500	9.89	141.2	10.37	39.44	0
3/20/07 6:00 AM	600	8.36	191.2	5.907	34.1	0
3/20/07 7:00 AM	700	9.47	161.2	3.712	36.89	0
3/20/07 8:00 AM	800	10.64	159	5.631	41.63	0
3/20/07 9:00 AM	900	14.88	203.8	5.725	51.67	0
3/20/07 10:00 AM	1000	18.74	222.9	6.414	57.9	0
3/20/07 11:00 AM	1100	18.73	214.7	5.013	60.72	0
3/20/07 12:00 PM	1200	18.73	219.8	6.848	67.06	0
3/20/07 1:00 PM	1300	19.5	228.3	12.01	71.1	0
3/20/07 2:00 PM	1400	21.78	238.2	10.99	72.9	0
3/20/07 3:00 PM	1500	20.67	246.7	13.21	73.5	0
3/20/07 4:00 PM	1600	22.04	241.7	11.58	73.7	0
3/20/07 5:00 PM	1700	20.06	245.6	8.36	72.3	0
3/20/07 6:00 PM	1800	16.18	253.2	10.38	70.9	0
3/20/07 7:00 PM	1900	13.76	255.2	7.95	66.53	0
3/20/07 8:00 PM	2000	10.88	256.8	10.57	61.76	0
3/20/07 9:00 PM	2100	9.5	292.6	7.64	59.17	0
3/20/07 10:00 PM	2200	7.58	280.9	9.05	55.68	0
3/20/07 11:00 PM	2300	7.29	265.7	10.7	52.12	0
3/21/07 12:00 AM	2400	9	328.7	5.901	53.05	0
3/21/07 1:00 AM	100	13.01	338.8	8.4	49.89	0
3/21/07 2:00 AM	200	10.22	8.14	7.82	43.92	0
3/21/07 3:00 AM	300	8.53	325	5.846	43.94	0
3/21/07 4:00 AM	400	9.31	345	6.55	44.99	0

### Buckskin March and April 2007 Wind and Precip. Hourly Data

<u>Date</u>	<u>Time</u>	<u>Wind Speed</u>	<u>Wind Speed</u>	<u>SigmaTheta</u>	<u>Temp</u>	<u>Precip</u>	
3/21/07	5:00 AM	500	16.61	14.32	9.93	43.1	0
3/21/07	6:00 AM	600	16.04	34.24	7.79	42.24	0
3/21/07	7:00 AM	700	16.27	27.2	9.99	41.78	0
3/21/07	8:00 AM	800	11.79	9.23	9.16	40.93	0
3/21/07	9:00 AM	900	10.62	19.26	9.53	41.9	0
3/21/07	10:00 AM	1000	11.27	26.65	7.79	42.7	0
3/21/07	11:00 AM	1100	8.26	5.395	35.14	43.83	0
3/21/07	12:00 PM	1200	5.435	345.6	27.4	43.52	0
3/21/07	1:00 PM	1300	8.62	347.8	16.91	44.38	0
3/21/07	2:00 PM	1400	6.994	344	43.4	45.9	0
3/21/07	3:00 PM	1500	5.609	326.2	48.07	46.34	0
3/21/07	4:00 PM	1600	5.263	357.1	16.54	45.88	0
3/21/07	5:00 PM	1700	5.302	355.4	24.97	47.06	0
3/21/07	6:00 PM	1800	2.475	145.6	51.35	48.97	0
3/21/07	7:00 PM	1900	3.321	132.1	17.7	46.51	0
3/21/07	8:00 PM	2000	4.596	153	11.85	41.67	0
3/21/07	9:00 PM	2100	4.232	196.8	18.3	38.54	0
3/21/07	10:00 PM	2200	3.529	196.2	10.78	36.57	0
3/21/07	11:00 PM	2300	1.7	185.4	24.12	36.49	0
3/22/07	12:00 AM	2400	3.763	50.26	18.15	33.14	0
3/22/07	1:00 AM	100	3.774	100.9	9.94	33.17	0
3/22/07	2:00 AM	200	3.468	153.7	13.91	31.68	0
3/22/07	3:00 AM	300	3.379	210.4	28.04	27.77	0
3/22/07	4:00 AM	400	4.179	186.5	7.53	29.71	0
3/22/07	5:00 AM	500	7.2	182.8	4.482	25.26	0
3/22/07	6:00 AM	600	6.808	192.4	9.56	25.57	0
3/22/07	7:00 AM	700	4.982	183.7	25.63	25.61	0
3/22/07	8:00 AM	800	6.057	173.3	7.8	27.87	0
3/22/07	9:00 AM	900	6.011	194.9	9.8	36.43	0
3/22/07	10:00 AM	1000	4.299	276	27.22	47.13	0
3/22/07	11:00 AM	1100	13.31	315.1	14.32	53.2	0
3/22/07	12:00 PM	1200	19.86	338.4	10.35	52.99	0
3/22/07	1:00 PM	1300	12.15	346.9	12.81	51.11	0
3/22/07	2:00 PM	1400	16.2	317.8	14.31	52.08	0
3/22/07	3:00 PM	1500	14.16	304.4	10.87	52.18	0
3/22/07	4:00 PM	1600	10.98	306.6	15.52	55.25	0
3/22/07	5:00 PM	1700	10.3	303.7	10.81	56.71	0
3/22/07	6:00 PM	1800	7.67	321.3	17.58	56.13	0
3/22/07	7:00 PM	1900	6.393	45.58	8.09	51.1	0
3/22/07	8:00 PM	2000	6.352	79.6	26.39	47.26	0
3/22/07	9:00 PM	2100	2.765	171.4	15.76	45.73	0
3/22/07	10:00 PM	2200	4.419	182.8	8.62	41.88	0
3/22/07	11:00 PM	2300	5.854	193.7	8.98	39.61	0
3/23/07	12:00 AM	2400	7.2	195.3	3.664	39.85	0

### Buckskin March and April 2007 Wind and Precip. Hourly Data

<u>Date</u>	<u>Time</u>	<u>Wind Speed</u>	<u>Wind Speed</u>	<u>SigmaTheta</u>	<u>Temp</u>	<u>Precip</u>	
3/23/07	1:00 AM	100	7.02	198	8.55	37.07	0
3/23/07	2:00 AM	200	5.894	148.7	9.53	36.12	0
3/23/07	3:00 AM	300	7.15	156	5.592	35.95	0
3/23/07	4:00 AM	400	4.486	130.8	7.99	36.81	0
3/23/07	5:00 AM	500	8.42	130.7	6.814	34.26	0
3/23/07	6:00 AM	600	9.55	180.7	8.13	34.94	0
3/23/07	7:00 AM	700	9.05	184.3	5.613	34.78	0
3/23/07	8:00 AM	800	10.09	174.6	4.958	36.32	0
3/23/07	10:00 AM	1000	19.09	345.4	9.52	53.18	0
3/23/07	11:00 AM	1100	22.75	348	9.6	54.13	0
3/23/07	12:00 PM	1200	18.55	347.4	11.61	56.01	0
3/23/07	1:00 PM	1300	17.02	331.6	13.23	57.25	0
3/23/07	2:00 PM	1400	15.77	339	12.78	57.44	0
3/23/07	3:00 PM	1500	17.31	342.7	12.29	56.98	0
3/23/07	4:00 PM	1600	16.33	345.2	11.57	56.91	0
3/23/07	5:00 PM	1700	15.17	333.3	8.84	55.47	0
3/23/07	6:00 PM	1800	12.45	340.7	7.34	53.41	0
3/23/07	7:00 PM	1900	8.09	16.77	5.914	47.03	0
3/23/07	8:00 PM	2000	4.782	63.19	7.87	45.25	0
3/23/07	9:00 PM	2100	2.917	189.3	16.09	41.82	0
3/23/07	10:00 PM	2200	4.938	196.6	9.51	36.41	0
3/23/07	11:00 PM	2300	5.472	210.1	2.862	36.31	0
3/24/07	12:00 AM	2400	5.122	193.7	6.396	34.2	0
3/24/07	1:00 AM	100	5.028	200.7	3.596	32.5	0
3/24/07	2:00 AM	200	7.26	189.8	3.876	32.48	0
3/24/07	3:00 AM	300	4.776	194.9	6.783	34.97	0
3/24/07	4:00 AM	400	6.285	191.4	5.486	35.65	0
3/24/07	5:00 AM	500	7.89	189	6.889	32.82	0
3/24/07	6:00 AM	600	4.906	172.5	6.405	34.04	0
3/24/07	7:00 AM	700	6.426	192.2	4.607	33.84	0
3/24/07	8:00 AM	800	6.06	182.3	5.984	39.12	0
3/24/07	9:00 AM	900	7.71	162.3	8.5	46.08	0
3/24/07	10:00 AM	1000	13.28	154.3	8.85	53.4	0
3/24/07	11:00 AM	1100	15.8	177.1	8.73	56.89	0
3/24/07	12:00 PM	1200	16.83	184.1	12.96	60.09	0
3/24/07	1:00 PM	1300	17.12	184	12.17	61.31	0
3/24/07	2:00 PM	1400	15.87	180.7	9.78	61.46	0
3/24/07	3:00 PM	1500	13.72	181.9	12.05	63.01	0
3/24/07	4:00 PM	1600	11.74	170.4	11.95	63.29	0
3/24/07	5:00 PM	1700	11.11	166.6	8.71	61.53	0
3/24/07	6:00 PM	1800	12.36	154.7	5.483	58.79	0
3/24/07	7:00 PM	1900	10.45	183.9	7.85	54.02	0
3/24/07	8:00 PM	2000	9.97	214.5	3.579	48.15	0
3/24/07	9:00 PM	2100	13.08	213.5	5.029	47.36	0

### Buckskin March and April 2007 Wind and Precip. Hourly Data

<u>Date</u>	<u>Time</u>	<u>Wind Speed</u>	<u>Wind Speed</u>	<u>SigmaTheta</u>	<u>Temp</u>	<u>Precip</u>
3/24/07 10:00 PM	2200	16.4	223.4	4.713	47.8	0
3/24/07 11:00 PM	2300	14.62	222.8	5.439	45.64	0
3/25/07 12:00 AM	2400	12.25	205.7	5.555	43.13	0
3/25/07 1:00 AM	100	10.39	193.2	5.003	41.99	0
3/25/07 2:00 AM	200	8.94	208.3	9.75	41.9	0
3/25/07 3:00 AM	300	8.96	213.2	12.28	42.49	0
3/25/07 4:00 AM	400	9.19	203.6	9.13	39.71	0
3/25/07 5:00 AM	500	12.06	222.4	5.511	41.85	0
3/25/07 6:00 AM	600	8.84	203.1	11.9	39.46	0
3/25/07 7:00 AM	700	9.37	193.6	3.71	39.51	0
3/25/07 8:00 AM	800	10.3	187.7	6.791	47.47	0
3/25/07 9:00 AM	900	8.44	218.5	16.19	57.67	0
3/25/07 10:00 AM	1000	5.495	273.8	18.92	64.47	0
3/25/07 11:00 AM	1100	5.133	264.3	30	67.18	0
3/25/07 12:00 PM	1200	6.127	220.1	43.09	69.85	0
3/25/07 1:00 PM	1300	8.84	210.1	20.59	70.8	0
3/25/07 2:00 PM	1400	12.8	198.5	18.44	71.7	0
3/25/07 3:00 PM	1500	15.05	203.8	11.61	72	0
3/25/07 4:00 PM	1600	12.35	205.3	13.04	71.3	0
3/25/07 5:00 PM	1700	8.69	186.5	7.09	69.17	0
3/25/07 6:00 PM	1800	9.06	171.8	4.117	64.73	0
3/25/07 7:00 PM	1900	12.3	200.9	6.169	62.64	0
3/25/07 8:00 PM	2000	17.7	232.4	5.568	62.88	0
3/25/07 9:00 PM	2100	14.23	256.9	7.74	63.49	0
3/25/07 10:00 PM	2200	9.41	247.7	8.08	60.34	0
3/25/07 11:00 PM	2300	8.74	231	5.897	55.47	0
3/26/07 12:00 AM	2400	13.43	307.2	13.11	57.39	0
3/26/07 1:00 AM	100	16.24	349.2	7.6	53.11	0
3/26/07 2:00 AM	200	22.33	333.7	6.93	50.78	0
3/26/07 3:00 AM	300	16.82	341.1	6.322	48.32	0
3/26/07 4:00 AM	400	10.77	352.7	7.18	46	0
3/26/07 5:00 AM	500	9.67	347.9	4.951	42.79	0
3/26/07 6:00 AM	600	9.18	342.6	3.819	40.31	0
3/26/07 7:00 AM	700	6.145	319.6	16.3	39.47	0
3/26/07 8:00 AM	800	4.626	307.3	16.17	43.44	0
3/26/07 9:00 AM	900	10.25	357.4	16.93	46.44	0
3/26/07 10:00 AM	1000	8.23	19.08	17.2	47.94	0
3/26/07 11:00 AM	1100	6.616	2.694	28.5	49.9	0
3/26/07 12:00 PM	1200	3.432	74.7	55.93	51.97	0
3/26/07 1:00 PM	1300	3.254	127.1	55.79	52.95	0
3/26/07 2:00 PM	1400	5.754	128.4	34.61	54.8	0
3/26/07 3:00 PM	1500	8.46	134.5	24.33	56.46	0
3/26/07 4:00 PM	1600	10.14	138.6	15.2	57.58	0
3/26/07 5:00 PM	1700	13.8	121.7	8.81	58.2	0

### Buckskin March and April 2007 Wind and Precip. Hourly Data

<u>Date</u>	<u>Time</u>	<u>Wind Speed</u>	<u>Wind Speed</u>	<u>SigmaTheta</u>	<u>Temp</u>	<u>Precip</u>
3/26/07 6:00 PM	1800	15.67	130.2	7.71	57.71	0
3/26/07 7:00 PM	1900	13.09	131.5	4.814	54.36	0
3/26/07 8:00 PM	2000	10.84	129.3	8.05	51.62	0
3/26/07 9:00 PM	2100	24.04	155.3	6.561	53.21	0
3/26/07 10:00 PM	2200	28.86	156	6.235	52.2	0
3/26/07 11:00 PM	2300	33.49	154.5	6.489	51.1	0
3/27/07 12:00 AM	2400	33.76	155.7	6.544	50.44	0
3/27/07 1:00 AM	100	30.53	154.6	6.507	49.77	0
3/27/07 2:00 AM	200	31.81	152.9	6.265	48.61	0
3/27/07 3:00 AM	300	27.58	154.3	6.502	47.5	0
3/27/07 4:00 AM	400	29.17	154	6.042	46.83	0
3/27/07 5:00 AM	500	33.89	153.1	5.921	45.46	0
3/27/07 6:00 AM	600	33.55	154.7	6.439	45.55	0
3/27/07 7:00 AM	700	35.79	154.4	6.124	45.27	0
3/27/07 8:00 AM	800	38.96	151.8	6.77	46.29	0
3/27/07 9:00 AM	900	42.38	152.4	6.448	48.64	0
3/27/07 10:00 AM	1000	42.15	152.4	6.654	50.15	0
3/27/07 11:00 AM	1100	40.43	149.5	6.708	53.05	0
3/27/07 12:00 PM	1200	37.66	151.2	7.76	56.28	0
3/27/07 1:00 PM	1300	38.42	149.9	7.72	58.32	0
3/27/07 2:00 PM	1400	40.08	155.2	6.604	59.4	0
3/27/07 3:00 PM	1500	40.1	153.6	7.14	59.33	0
3/27/07 4:00 PM	1600	42.28	150.1	6.527	59.93	0
3/27/07 5:00 PM	1700	39.04	147.6	6.842	59.15	0
3/27/07 6:00 PM	1800	36	143.6	7.26	57.73	0
3/27/07 7:00 PM	1900	31.06	142.8	5.786	56.02	0
3/27/07 8:00 PM	2000	28.18	150	6.742	55.2	0
3/27/07 9:00 PM	2100	24.35	169.6	11.21	51.21	0.06
3/27/07 10:00 PM	2200	17.15	154.4	12.49	46.03	0.05
3/27/07 11:00 PM	2300	19.9	150.5	8.03	47.25	0.03
3/28/07 12:00 AM	2400	17.94	141.1	5.125	45.94	0.02
3/28/07 1:00 AM	100	14.02	139.2	13.47	46.59	0.06
3/28/07 2:00 AM	200	13.16	126	5.111	48.11	0
3/28/07 3:00 AM	300	10.04	83.9	31.8	46.82	0.01
3/28/07 4:00 AM	400	7.09	353.5	13.05	46.29	0
3/28/07 5:00 AM	500	10.98	338.3	7.48	43.87	0.01
3/28/07 6:00 AM	600	10.01	343.7	10.3	44	0.09
3/28/07 7:00 AM	700	21.7	337.3	7.91	40.5	0.15
3/28/07 8:00 AM	800	30.54	337.4	5.249	35.14	0.07
3/28/07 9:00 AM	900	31.06	333.4	5.35	31.94	0.02
3/28/07 10:00 AM	1000	26.02	326.9	5.113	31.39	0.01
3/28/07 11:00 AM	1100	26.66	326.7	4.944	30.92	0.01
3/28/07 12:00 PM	1200	28.55	331.2	5.082	30.55	0
3/28/07 1:00 PM	1300	28.76	333.8	5.113	30.51	0

### Buckskin March and April 2007 Wind and Precip. Hourly Data

<u>Date</u>	<u>Time</u>	<u>Wind Speed</u>	<u>Wind Speed</u>	<u>SigmaTheta</u>	<u>Temp</u>	<u>Precip</u>	
3/28/07	2:00 PM	1400	33.75	335	5.519	29.96	0
3/28/07	3:00 PM	1500	34.72	331.1	5.329	29.49	0
3/28/07	4:00 PM	1600	30.03	322.6	5.161	29.57	0
3/28/07	5:00 PM	1700	32.31	322	4.809	29.5	0
3/28/07	6:00 PM	1800	31.74	321.3	4.694	29.25	0
3/28/07	7:00 PM	1900	31.96	321.1	4.713	29.09	0
3/28/07	8:00 PM	2000	32.66	319.7	4.614	29.07	0
3/28/07	9:00 PM	2100	30.71	327.1	4.708	28.93	0
3/28/07	10:00 PM	2200	34.36	329.5	4.778	28.6	0
3/28/07	11:00 PM	2300	34.76	330.7	4.826	28.27	0
3/29/07	12:00 AM	2400	27.5	335.4	5.365	28.14	0
3/29/07	1:00 AM	100	29.3	338.3	5.085	27.82	0
3/29/07	2:00 AM	200	31.63	341.4	4.565	27.43	0
3/29/07	3:00 AM	300	24.15	343.9	5.747	27.27	0
3/29/07	4:00 AM	400	17.58	343.7	6.721	27.02	0
3/29/07	5:00 AM	500	18.4	343.2	5.173	26.79	0
3/29/07	6:00 AM	600	17.56	351.3	7.78	26.69	0.01
3/29/07	7:00 AM	700	18.29	348.6	5.86	26.46	0
3/29/07	8:00 AM	800	18.94	344.3	4.576	26.44	0
3/29/07	9:00 AM	900	19.5	344	4.039	26.54	0
3/29/07	10:00 AM	1000	23.61	346.5	4.833	26.19	0
3/29/07	11:00 AM	1100	24.74	350.1	5.464	25.67	0
3/29/07	12:00 PM	1200	25.64	349.7	7.26	25.32	0
3/29/07	1:00 PM	1300	28.01	350.2	6.404	24.23	0
3/29/07	2:00 PM	1400	29.07	348.2	6.009	23.73	0
3/29/07	3:00 PM	1500	31.81	349.4	5.05	23.46	0
3/29/07	4:00 PM	1600	30.27	345.8	4.875	22.82	0
3/29/07	5:00 PM	1700	29.98	343.8	4.221	22.46	0
3/29/07	6:00 PM	1800	23.88	336	4.1	22.44	0
3/29/07	7:00 PM	1900	22.9	330.2	3.791	22.29	0
3/29/07	8:00 PM	2000	24.72	326	3.634	22.27	0
3/29/07	9:00 PM	2100	22.17	325.9	3.949	22.18	0
3/29/07	10:00 PM	2200	20.38	328.3	4.084	22.1	0
3/29/07	11:00 PM	2300	19.5	325.4	4.529	22.09	0
3/30/07	12:00 AM	2400	19.56	334.6	4.49	22	0
3/30/07	1:00 AM	100	19.14	336.8	3.97	22.06	0.01
3/30/07	2:00 AM	200	21.08	336.3	4.065	22.06	0
3/30/07	3:00 AM	300	14.51	335.3	4.267	22.07	0
3/30/07	4:00 AM	400	9.83	326.7	6.792	21.92	0
3/30/07	5:00 AM	500	11.86	323.4	3.86	21.85	0
3/30/07	6:00 AM	600	12.34	310.4	4.233	21.85	0
3/30/07	7:00 AM	700	11.86	312.8	3.409	21.85	0
3/30/07	8:00 AM	800	8.71	308.3	4.408	22.32	0.01
3/30/07	9:00 AM	900	6.325	286.8	9.87	23.46	0

### Buckskin March and April 2007 Wind and Precip. Hourly Data

<u>Date</u>	<u>Time</u>	<u>Wind Speed</u>	<u>Wind Speed</u>	<u>SigmaTheta</u>	<u>Temp</u>	<u>Precip</u>
3/30/07 10:00 AM	1000	8.84	238.4	8.68	24.57	0
3/30/07 11:00 AM	1100	11.48	212.4	4.474	24.43	0
3/30/07 12:00 PM	1200	10.53	202.7	7.17	25.1	0
3/30/07 1:00 PM	1300	10.5	175.2	6.373	26.21	0
3/30/07 2:00 PM	1400	9.98	167.2	5.981	27.29	0
3/30/07 3:00 PM	1500	13.81	164.5	4.451	28.25	0
3/30/07 4:00 PM	1600	16.37	165	5.908	28.33	0
3/30/07 5:00 PM	1700	19.16	166.1	4.953	28.76	0
3/30/07 6:00 PM	1800	19.91	162.3	4.866	28.73	0
3/30/07 7:00 PM	1900	18.4	158.3	6.293	27.77	0
3/30/07 8:00 PM	2000	19.3	156.6	5.881	26.97	0
3/30/07 9:00 PM	2100	19.63	159.9	4.301	25.31	0
3/30/07 10:00 PM	2200	18.06	151.3	4.06	24.58	0
3/30/07 11:00 PM	2300	18.6	160.8	4.358	23.81	0
3/31/07 12:00 AM	2400	14.11	183.1	14.05	22.42	0
3/31/07 1:00 AM	100	11.02	201.2	4.559	19.11	0
3/31/07 2:00 AM	200	11.44	219.6	5.425	15.96	0
3/31/07 3:00 AM	300	11.1	239.1	8.91	17.88	0
3/31/07 4:00 AM	400	8	235.3	10.98	18.22	0
3/31/07 5:00 AM	500	5.36	249.6	8.58	18.14	0
3/31/07 6:00 AM	600	4.321	200.7	13.17	17.01	0
3/31/07 7:00 AM	700	4.767	199.5	5.584	19.85	0
3/31/07 8:00 AM	800	5.358	246.6	8.68	23.54	0
3/31/07 9:00 AM	900	6.488	257.8	11.65	25.2	0
3/31/07 10:00 AM	1000	7.19	268.6	9.45	27.06	0
3/31/07 11:00 AM	1100	7.55	270.3	11.16	29.27	0
3/31/07 12:00 PM	1200	6.292	269.4	17.92	31.95	0
3/31/07 1:00 PM	1300	8.82	281.9	6.738	33.33	0
3/31/07 2:00 PM	1400	9.09	316.2	6.36	34.83	0
3/31/07 3:00 PM	1500	10.27	322.2	5.741	34.37	0
3/31/07 4:00 PM	1600	10.68	326	6.178	34.52	0
3/31/07 5:00 PM	1700	7.82	346	9.15	34.46	0
3/31/07 6:00 PM	1800	2.462	270.7	28.54	34.64	0
3/31/07 7:00 PM	1900	3.215	233.9	10.21	32.02	0
3/31/07 8:00 PM	2000	5.219	223.9	10.12	29.95	0
3/31/07 9:00 PM	2100	6.641	216.1	13.98	28.61	0
3/31/07 10:00 PM	2200	4.294	239.5	22.15	31.77	0
3/31/07 11:00 PM	2300	5.859	213.6	17.7	33.77	0
4/1/07 12:00 AM	2400	6.375	214.9	15.34	34.31	0
4/1/07 1:00 AM	100	9.88	207.1	8.34	32.83	0
4/1/07 2:00 AM	200	7.04	225.5	19.88	32.65	0
4/1/07 3:00 AM	300	11.13	253.9	8.55	33.28	0
4/1/07 4:00 AM	400	12.45	238.7	4.411	34.59	0
4/1/07 5:00 AM	500	7.03	261.6	20.97	35.12	0

### Buckskin March and April 2007 Wind and Precip. Hourly Data

<u>Date</u>	<u>Time</u>	<u>Wind Speed</u>	<u>Wind Speed</u>	<u>SigmaTheta</u>	<u>Temp</u>	<u>Precip</u>
4/1/07 6:00 AM	600	5.214	336.9	12.6	33.92	0
4/1/07 7:00 AM	700	6.192	332.7	14.77	33.59	0
4/1/07 8:00 AM	800	4.692	303.9	15.31	34.49	0
4/1/07 9:00 AM	900	8.01	312.3	6.509	36.05	0
4/1/07 10:00 AM	1000	10.53	314.9	4.797	36.78	0
4/1/07 11:00 AM	1100	8.71	324.6	5.792	37.51	0
4/1/07 12:00 PM	1200	5.55	311.2	7.53	38.4	0
4/1/07 1:00 PM	1300	5.346	311.8	7.26	39.57	0
4/1/07 2:00 PM	1400	4.961	297.9	9.32	40.38	0
4/1/07 3:00 PM	1500	4.443	356.4	13.16	41.07	0
4/1/07 4:00 PM	1600	3.591	350.5	10.81	41.3	0
4/1/07 5:00 PM	1700	7.38	333.7	5.32	39.97	0
4/1/07 6:00 PM	1800	6.643	330.3	6.318	39.34	0
4/1/07 7:00 PM	1900	4.13	330.8	19.52	36.88	0
4/1/07 8:00 PM	2000	6.577	347.3	6.343	36.44	0
4/1/07 9:00 PM	2100	3.664	90.8	27.73	35.66	0
4/1/07 10:00 PM	2200	2.033	206.1	15.92	34.9	0
4/1/07 11:00 PM	2300	2.227	106.3	30.04	34.81	0
4/2/07 12:00 AM	2400	2.543	69.88	25.14	34.93	0
4/2/07 1:00 AM	100	6.096	103.4	9.94	34.33	0
4/2/07 2:00 AM	200	3.081	159.1	12.21	33.42	0
4/2/07 3:00 AM	300	5.945	119	6.591	33.9	0
4/2/07 4:00 AM	400	5.475	91.5	10.5	33.53	0
4/2/07 5:00 AM	500	7.95	90.5	8.55	33.6	0
4/2/07 6:00 AM	600	8.94	121.5	6.859	34	0
4/2/07 7:00 AM	700	10.53	157.6	9.28	35.53	0
4/2/07 8:00 AM	800	13.92	158.7	7.33	36.09	0
4/2/07 9:00 AM	900	14.48	161.2	6.638	37.16	0
4/2/07 10:00 AM	1000	12.48	176.6	5.457	39.83	0
4/2/07 11:00 AM	1100	7.23	196.1	11.83	43.44	0
4/2/07 12:00 PM	1200	12.53	303.3	15.06	42.22	0
4/2/07 1:00 PM	1300	17.17	322.5	5.628	39.71	0
4/2/07 2:00 PM	1400	17.57	324.2	6.342	38.71	0
4/2/07 3:00 PM	1500	14.38	331.6	7.08	37.58	0
4/2/07 4:00 PM	1600	16.16	321.6	6.224	37.21	0
4/2/07 5:00 PM	1700	15.83	304.2	6.529	33.64	0.01
4/2/07 6:00 PM	1800	17.88	301.5	4.863	33.75	0
4/2/07 7:00 PM	1900	21.08	309.1	5.929	32.15	0
4/2/07 8:00 PM	2000	21.49	338.9	5.147	30.36	0
4/2/07 9:00 PM	2100	22.99	339.8	5.683	29.07	0
4/2/07 10:00 PM	2200	20.7	342.7	6.096	28.1	0
4/2/07 11:00 PM	2300	16.56	342.5	5.565	27.43	0
4/3/07 12:00 AM	2400	14.53	324.9	5.914	27.03	0
4/3/07 1:00 AM	100	15.22	330.9	6.267	26.35	0

### Buckskin March and April 2007 Wind and Precip. Hourly Data

<u>Date</u>	<u>Time</u>	<u>Wind Speed</u>	<u>Wind Speed</u>	<u>SigmaTheta</u>	<u>Temp</u>	<u>Precip</u>
4/3/07 2:00 AM	200	13.13	331.5	6.748	26.23	0
4/3/07 3:00 AM	300	10.39	323.5	8.14	25.9	0
4/3/07 4:00 AM	400	8.86	313	8.4	25.36	0
4/3/07 5:00 AM	500	7.78	318.3	5.904	25.05	0
4/3/07 6:00 AM	600	8.2	326.6	5.732	25.14	0
4/3/07 7:00 AM	700	8.71	331.3	5.846	25.31	0
4/3/07 8:00 AM	800	8.23	332.7	6.787	26.1	0
4/3/07 9:00 AM	900	9.88	337.4	8.01	27.69	0
4/3/07 10:00 AM	1000	10.59	335.2	9.15	28.8	0
4/3/07 11:00 AM	1100	11.5	334.2	9.76	28.84	0
4/3/07 12:00 PM	1200	11.86	336.2	9.22	29.44	0
4/3/07 1:00 PM	1300	11.08	325.8	10.85	30.94	0
4/3/07 2:00 PM	1400	11.29	322.7	12.79	31.91	0
4/3/07 3:00 PM	1500	10.06	306	16.05	31.99	0
4/3/07 4:00 PM	1600	9.36	320.1	14.75	33.19	0
4/3/07 5:00 PM	1700	11.43	338.6	11.27	33.09	0
4/3/07 6:00 PM	1800	10.89	1.796	9.27	31.71	0
4/3/07 7:00 PM	1900	8.85	19.02	7.27	29.17	0
4/3/07 8:00 PM	2000	4.863	39.04	5.521	27.44	0
4/3/07 9:00 PM	2100	7.25	56.73	7.58	25.68	0
4/3/07 10:00 PM	2200	7.77	43.25	3.888	24.46	0
4/3/07 11:00 PM	2300	4.887	66.3	11.31	23.28	0
4/4/07 12:00 AM	2400	4.375	145.8	18.12	22.87	0
4/4/07 1:00 AM	100	4.55	178.8	6.439	23.85	0
4/4/07 2:00 AM	200	4.967	108.1	9.52	23.4	0
4/4/07 3:00 AM	300	5.129	75.7	5.185	22.55	0
4/4/07 4:00 AM	400	3.583	113.1	7.99	21.86	0
4/4/07 5:00 AM	500	4.839	138.5	7.16	21.96	0
4/4/07 6:00 AM	600	6.052	128.4	4.032	22.41	0
4/4/07 7:00 AM	700	5.358	109.4	5.813	23.98	0
4/4/07 8:00 AM	800	7.78	123.9	7.73	26.49	0
4/4/07 9:00 AM	900	11.21	131.5	8.85	28.32	0
4/4/07 10:00 AM	1000	10.71	133.4	8.9	29.68	0
4/4/07 11:00 AM	1100	9.22	138.8	12.16	31.62	0
4/4/07 12:00 PM	1200	10.26	140.7	13.52	34.15	0
4/4/07 1:00 PM	1300	10.4	160	18.57	36.34	0
4/4/07 2:00 PM	1400	10.11	157.9	14.78	37.61	0
4/4/07 3:00 PM	1500	11.33	153.1	10.78	39.11	0
4/4/07 4:00 PM	1600	10.17	143.3	9.91	39.75	0
4/4/07 5:00 PM	1700	7.11	143.4	13.17	40.17	0
4/4/07 6:00 PM	1800	6.826	137.8	12.16	39.63	0
4/4/07 7:00 PM	1900	6.559	123.3	5.064	37.46	0
4/4/07 8:00 PM	2000	10.83	139.8	5.136	36.09	0
4/4/07 9:00 PM	2100	15.35	154.7	5.938	34.08	0

### Buckskin March and April 2007 Wind and Precip. Hourly Data

<u>Date</u>	<u>Time</u>	<u>Wind Speed</u>	<u>Wind Speed</u>	<u>SigmaTheta</u>	<u>Temp</u>	<u>Precip</u>
4/4/07 10:00 PM	2200	13.69	163.8	5.144	32.85	0
4/4/07 11:00 PM	2300	13.54	163.3	6.981	31.95	0
4/5/07 12:00 AM	2400	15.49	167.3	6.214	30.8	0
4/5/07 1:00 AM	100	13.88	158.7	6.353	29.94	0
4/5/07 2:00 AM	200	9.09	152.1	9.78	29.46	0
4/5/07 3:00 AM	300	9.26	131.1	4.867	28.15	0
4/5/07 4:00 AM	400	6.81	108.7	6.807	27.53	0
4/5/07 5:00 AM	500	5.852	85	9.44	27.1	0.01
4/5/07 6:00 AM	600	5.314	62.18	6.594	26.78	0.01
4/5/07 7:00 AM	700	6.697	47.55	7.53	25.92	0.01
4/5/07 8:00 AM	800	9.44	12.98	3.898	22.75	0.01
4/5/07 9:00 AM	900	8.33	1.338	5.867	23.98	0
4/5/07 10:00 AM	1000	7.37	355.5	8.06	25.89	0
4/5/07 11:00 AM	1100	9.87	4.333	7.44	25.64	0
4/5/07 12:00 PM	1200	9.41	10.71	8.95	26.93	0
4/5/07 1:00 PM	1300	9.2	7.05	11.28	28.15	0
4/5/07 2:00 PM	1400	8.93	10.23	11.16	28.2	0
4/5/07 3:00 PM	1500	10.01	21.71	9.12	28.38	0
4/5/07 4:00 PM	1600	11.41	21.02	8.05	28.12	0
4/5/07 5:00 PM	1700	11.84	23.2	7.17	27.39	0
4/5/07 6:00 PM	1800	12.48	26.59	5.313	26.53	0
4/5/07 7:00 PM	1900	14.02	24.19	5.057	25.37	0
4/5/07 8:00 PM	2000	12.56	24.92	5.302	24.48	0
4/5/07 9:00 PM	2100	11.55	25.54	5.815	24.18	0
4/5/07 10:00 PM	2200	13	23.97	4.809	23.61	0
4/5/07 11:00 PM	2300	11.92	19.34	5.081	22.47	0
4/6/07 12:00 AM	2400	10.31	13.84	5.235	22.08	0
4/6/07 1:00 AM	100	9.83	22.37	4.795	21.9	0
4/6/07 2:00 AM	200	9.71	17.61	5.06	21.74	0
4/6/07 3:00 AM	300	4.838	48.54	9.08	19.69	0
4/6/07 4:00 AM	400	0.716	28.29	10.9	18.49	0
4/6/07 5:00 AM	500	2.229	213.8	13.05	16.61	0
4/6/07 6:00 AM	600	3.375	226	7.51	15.28	0
4/6/07 7:00 AM	700	1.654	131.5	23.18	16.38	0
4/6/07 8:00 AM	800	1.606	50.38	14.83	20.92	0
4/6/07 9:00 AM	900	4.41	27.91	17.88	22.77	0
4/6/07 10:00 AM	1000	2.775	61.61	45.89	24.85	0
4/6/07 11:00 AM	1100	3.268	322.9	42.78	25.34	0
4/6/07 12:00 PM	1200	4.937	9.89	22.1	26.02	0
4/6/07 1:00 PM	1300	6.8	36.07	19.56	26.82	0
4/6/07 2:00 PM	1400	9.18	22.47	13.61	27.28	0
4/6/07 3:00 PM	1500	10.75	26.2	12.94	27.4	0
4/6/07 4:00 PM	1600	12.56	27.11	10.87	27.1	0
4/6/07 5:00 PM	1700	13	27.53	9.68	26.22	0

### Buckskin March and April 2007 Wind and Precip. Hourly Data

<u>Date</u>	<u>Time</u>	<u>Wind Speed</u>	<u>Wind Speed</u>	<u>SigmaTheta</u>	<u>Temp</u>	<u>Precip</u>
4/6/07 6:00 PM	1800	13.8	32.91	7.86	24.54	0
4/6/07 7:00 PM	1900	11.68	36.03	5.711	23.06	0
4/6/07 8:00 PM	2000	9.64	40.25	4.888	21.55	0
4/6/07 9:00 PM	2100	8.08	62.06	7.57	20.96	0
4/6/07 10:00 PM	2200	6.711	65.13	7.85	20.82	0
4/6/07 11:00 PM	2300	6.573	69.74	5.502	19.29	0
4/7/07 12:00 AM	2400	6.628	69.08	4.434	17.5	0
4/7/07 1:00 AM	100	7.4	67.7	3.763	16.34	0
4/7/07 2:00 AM	200	8.36	64.32	2.978	15.02	0
4/7/07 3:00 AM	300	6.151	92.8	6.392	14.14	0
4/7/07 4:00 AM	400	6.316	135.6	4.973	13.97	0
4/7/07 5:00 AM	500	4.613	112.5	7.28	12.87	0
4/7/07 6:00 AM	600	4.326	78.2	6.372	12.98	0
4/7/07 7:00 AM	700	3.674	106.8	10.74	15.83	0
4/7/07 8:00 AM	800	7.29	129.6	9.38	18.7	0
4/7/07 9:00 AM	900	7.08	138.4	13.64	20.94	0
4/7/07 10:00 AM	1000	7.75	134.5	21.28	23.17	0
4/7/07 11:00 AM	1100	6.207	137.6	26.3	25.39	0
4/7/07 12:00 PM	1200	4.955	130.6	43.38	26.89	0
4/7/07 1:00 PM	1300	3.434	130.1	48.38	28.81	0
4/7/07 2:00 PM	1400	5.816	150.4	39.81	29.23	0
4/7/07 3:00 PM	1500	4.545	123.3	21.53	29	0
4/7/07 4:00 PM	1600	3.331	161.2	31.65	29.65	0
4/7/07 5:00 PM	1700	4.954	188.4	24.64	31.24	0
4/7/07 6:00 PM	1800	3.415	175	17.81	29.28	0
4/7/07 7:00 PM	1900	5.241	218	7.76	27.33	0
4/7/07 8:00 PM	2000	3.643	224.1	5.596	25.1	0
4/7/07 9:00 PM	2100	6	73.1	14.53	22.84	0
4/7/07 10:00 PM	2200	9.09	63.11	3.495	21.11	0
4/7/07 11:00 PM	2300	6.964	97.3	7.69	20.47	0
4/8/07 12:00 AM	2400	8.57	133.4	5.322	20.33	0
4/8/07 1:00 AM	100	13.33	151.9	5.159	21.63	0
4/8/07 2:00 AM	200	10.65	159.9	7.46	20.85	0
4/8/07 3:00 AM	300	9.44	160	8.7	19.94	0
4/8/07 4:00 AM	400	12.28	159.5	6.243	19.05	0
4/8/07 5:00 AM	500	14.01	162.2	5.431	18.37	0
4/8/07 6:00 AM	600	14.84	158.8	4.808	18.15	0
4/8/07 7:00 AM	700	13.31	158.9	5.557	19.82	0
4/8/07 8:00 AM	800	16.77	159.3	6.636	23.66	0
4/8/07 9:00 AM	900	18.57	162.3	7.04	26.97	0
4/8/07 10:00 AM	1000	19.09	170.9	8.15	29.99	0
4/8/07 11:00 AM	1100	17.1	170.1	9.9	31.95	0
4/8/07 12:00 PM	1200	15.73	161.4	12.58	34.18	0
4/8/07 1:00 PM	1300	15.46	169.2	15.11	36.43	0

### Buckskin March and April 2007 Wind and Precip. Hourly Data

<u>Date</u>	<u>Time</u>	<u>Wind Speed</u>	<u>Wind Speed</u>	<u>SigmaTheta</u>	<u>Temp</u>	<u>Precip</u>	
4/8/07	2:00 PM	1400	14.42	166.8	12.42	38.66	0
4/8/07	3:00 PM	1500	12.31	170.9	15.47	39.98	0
4/8/07	4:00 PM	1600	10.28	167.2	18.65	40.97	0
4/8/07	5:00 PM	1700	9.33	170.2	15.53	41.65	0
4/8/07	6:00 PM	1800	7.67	173.1	15.31	41.2	0
4/8/07	7:00 PM	1900	7.01	144	5.544	37.22	0
4/8/07	8:00 PM	2000	6.725	162.4	3.049	34.42	0
4/8/07	9:00 PM	2100	5.476	168.1	10.08	32.54	0
4/8/07	10:00 PM	2200	8.8	165	5.183	29.85	0
4/8/07	11:00 PM	2300	11.45	164.7	5.615	30.15	0
4/9/07	12:00 AM	2400	12.56	174.4	4.258	29.22	0
4/9/07	1:00 AM	100	10.64	182.6	4.725	28	0
4/9/07	2:00 AM	200	10.8	177.8	2.981	26.57	0
4/9/07	3:00 AM	300	7.45	143.6	13.69	26.42	0
4/9/07	4:00 AM	400	7.54	121.4	5.88	27.02	0
4/9/07	5:00 AM	500	6.89	151.6	5.253	26.91	0
4/9/07	6:00 AM	600	6.075	151.5	6.665	28.34	0
4/9/07	7:00 AM	700	8.04	152	6.255	30.09	0
4/9/07	8:00 AM	800	11.03	164	5.173	32.48	0
4/9/07	9:00 AM	900	12.77	159.7	6.728	37.28	0
4/9/07	10:00 AM	1000	13.72	158.6	7.79	42.43	0
4/9/07	11:00 AM	1100	14.32	155.6	9.22	47.68	0
4/9/07	12:00 PM	1200	15.09	156.3	9.73	52.55	0
4/9/07	1:00 PM	1300	17.08	154.9	9.32	56.13	0
4/9/07	2:00 PM	1400	15.75	161	9.83	58.4	0
4/9/07	3:00 PM	1500	14.57	151.5	7.64	57.95	0
4/9/07	4:00 PM	1600	13.91	65.95	37.96	54.67	0
4/9/07	5:00 PM	1700	8.9	77.6	19.97	50.9	0.01
4/9/07	6:00 PM	1800	5.71	18.87	44.74	50.88	0
4/9/07	7:00 PM	1900	9.25	340.2	13.76	45.87	0
4/9/07	8:00 PM	2000	16.62	344.8	10.88	41.45	0
4/9/07	9:00 PM	2100	16.72	327.1	5.677	40.61	0
4/9/07	10:00 PM	2200	7.88	302	15.15	39.24	0
4/9/07	11:00 PM	2300	3.772	278.1	18.95	37.78	0
4/10/07	12:00 AM	2400	4.08	264.8	37.92	37.42	0
4/10/07	1:00 AM	100	6.257	267.3	12.66	37.39	0
4/10/07	2:00 AM	200	11.81	293.5	5.248	38	0
4/10/07	3:00 AM	300	19.87	310.6	6.517	37.98	0
4/10/07	4:00 AM	400	19.46	329.9	6.211	35.19	0
4/10/07	5:00 AM	500	14.67	316.1	5.623	35.64	0
4/10/07	6:00 AM	600	18.1	312.6	5.425	35.86	0
4/10/07	7:00 AM	700	16.88	311.5	5.719	35.31	0
4/10/07	8:00 AM	800	18.68	319.1	5.824	35.61	0
4/10/07	9:00 AM	900	23.53	316.7	5.653	36.62	0

### Buckskin March and April 2007 Wind and Precip. Hourly Data

<u>Date</u>	<u>Time</u>	<u>Wind Speed</u>	<u>Wind Speed</u>	<u>SigmaTheta</u>	<u>Temp</u>	<u>Precip</u>
4/10/07 10:00 AM	1000	26.57	314.2	6.188	38.63	0
4/10/07 11:00 AM	1100	25.03	319.2	9.4	41.33	0
4/10/07 12:00 PM	1200	24.13	324.9	9.68	42.42	0
4/10/07 1:00 PM	1300	24.11	325.2	9.25	43.41	0
4/10/07 2:00 PM	1400	22.38	333	9.99	43.82	0
4/10/07 3:00 PM	1500	23.56	326.6	10.04	44.67	0
4/10/07 4:00 PM	1600	22.9	328.7	9.98	44.41	0
4/10/07 5:00 PM	1700	21.75	328	6.174	43.23	0
4/10/07 6:00 PM	1800	21.58	323.3	7.32	43.15	0
4/10/07 7:00 PM	1900	15.44	312.7	5.168	39.74	0
4/10/07 8:00 PM	2000	13.54	316.4	6.761	37.46	0
4/10/07 9:00 PM	2100	13.21	307.8	4.98	35.19	0
4/10/07 10:00 PM	2200	9.77	334.2	8.67	32.47	0
4/10/07 11:00 PM	2300	9.53	309.3	5.99	31.15	0
4/11/07 12:00 AM	2400	13.66	301.4	4.895	31.97	0
4/11/07 1:00 AM	100	15.52	302.7	4.852	31.69	0
4/11/07 2:00 AM	200	20.56	307.6	5.369	31.75	0
4/11/07 3:00 AM	300	22.02	308.6	5.625	31.66	0
4/11/07 4:00 AM	400	21.33	317.1	6.713	30.14	0
4/11/07 5:00 AM	500	19.22	317.6	5.743	28.51	0
4/11/07 6:00 AM	600	18.46	315.7	6.216	27.11	0
4/11/07 7:00 AM	700	17.21	331.3	6.33	25.74	0
4/11/07 8:00 AM	800	22.19	332.2	6.052	25.82	0
4/11/07 9:00 AM	900	26.43	323.5	6.678	26.93	0
4/11/07 10:00 AM	1000	22.96	322	6.498	27.92	0
4/11/07 11:00 AM	1100	22.48	323.3	7.86	29.66	0
4/11/07 12:00 PM	1200	22.84	323.7	7.62	31.04	0
4/11/07 1:00 PM	1300	22.03	331.8	7.62	31.58	0
4/11/07 2:00 PM	1400	21.19	339.4	9.69	32.02	0
4/11/07 3:00 PM	1500	21.51	338.3	9.06	32.85	0
4/11/07 4:00 PM	1600	20.53	348.3	9.24	33.11	0
4/11/07 5:00 PM	1700	17.75	355.1	9.59	31.34	0
4/11/07 6:00 PM	1800	16.26	2.964	8.58	29.81	0
4/11/07 7:00 PM	1900	10.52	3.875	6.589	27.63	0
4/11/07 8:00 PM	2000	6.207	6.74	4.651	25.35	0
4/11/07 9:00 PM	2100	2.965	23.89	26.63	24.56	0
4/11/07 10:00 PM	2200	3.702	217.7	10.38	23.7	0
4/11/07 11:00 PM	2300	2.362	236.5	11.31	25.38	0
4/12/07 12:00 AM	2400	1.632	220	38.8	25.87	0
4/12/07 1:00 AM	100	2.718	203.2	16.92	25.18	0
4/12/07 2:00 AM	200	3.788	207.5	9.22	23.4	0
4/12/07 3:00 AM	300	3.17	200.7	7.27	22.28	0
4/12/07 4:00 AM	400	3.277	194.9	7.35	20.63	0
4/12/07 5:00 AM	500	3.033	187.8	9.44	22.64	0

### Buckskin March and April 2007 Wind and Precip. Hourly Data

<u>Date</u>	<u>Time</u>	<u>Wind Speed</u>	<u>Wind Speed</u>	<u>SigmaTheta</u>	<u>Temp</u>	<u>Precip</u>
4/12/07 6:00 AM	600	2.827	170.1	28.24	24.25	0
4/12/07 7:00 AM	700	2.827	170.8	17.03	25.84	0
4/12/07 8:00 AM	800	4.531	145.1	10.65	28.22	0
4/12/07 9:00 AM	900	5.322	133.5	14.81	30.95	0
4/12/07 10:00 AM	1000	3.923	155.7	41.29	33.26	0
4/12/07 11:00 AM	1100	2.46	253.1	57.31	35.43	0
4/12/07 12:00 PM	1200	3.883	170	58.15	38.45	0
4/12/07 1:00 PM	1300	3.833	87.5	61.38	39.81	0
4/12/07 2:00 PM	1400	4.499	20.82	51.06	41.4	0
4/12/07 3:00 PM	1500	6.521	34.41	29.16	41.65	0
4/12/07 4:00 PM	1600	7.5	14.91	21.13	41.51	0
4/12/07 5:00 PM	1700	9.49	7.02	13.33	41.03	0
4/12/07 6:00 PM	1800	11.37	20.91	5.585	39.31	0
4/12/07 7:00 PM	1900	8.77	35.25	7.13	37.52	0
4/12/07 8:00 PM	2000	6.843	48.76	3.867	36.02	0
4/12/07 9:00 PM	2100	6.663	34.4	7.71	34.97	0
4/12/07 10:00 PM	2200	8.89	5.7	4.517	32.82	0
4/12/07 11:00 PM	2300	7.45	9.32	6.102	31.27	0
4/13/07 12:00 AM	2400	7.38	1.341	10.2	29.87	0
4/13/07 1:00 AM	100	3.657	1.662	43.22	29.01	0
4/13/07 2:00 AM	200	5.903	341.6	9.43	27.11	0
4/13/07 3:00 AM	300	3.656	301.3	24.2	26.46	0
4/13/07 4:00 AM	400	2.282	212.4	10.82	25.91	0
4/13/07 5:00 AM	500	5.52	207.7	8.11	27.09	0
4/13/07 6:00 AM	600	6.613	191.9	6.24	27.96	0
4/13/07 7:00 AM	700	5.09	209.7	8.24	30.68	0
4/13/07 8:00 AM	800	5.906	199.5	10.48	35.58	0
4/13/07 9:00 AM	900	7.53	292.7	33.56	39.53	0
4/13/07 10:00 AM	1000	6.451	302	25.19	40.94	0
4/13/07 11:00 AM	1100	7.65	301.4	34.65	43.25	0
4/13/07 12:00 PM	1200	9.2	304.8	23.44	44.82	0
4/13/07 1:00 PM	1300	9.18	306	21.93	46.16	0
4/13/07 2:00 PM	1400	7.92	319.8	28.5	47.69	0
4/13/07 3:00 PM	1500	7.92	331.6	32.2	49.05	0
4/13/07 4:00 PM	1600	6.03	306.6	45.1	49.99	0
4/13/07 5:00 PM	1700	4.804	329.6	37.59	50.02	0
4/13/07 6:00 PM	1800	3.188	330.9	49.56	49.47	0
4/13/07 7:00 PM	1900	2.431	160.2	15.82	46.26	0
4/13/07 8:00 PM	2000	3.364	191.2	11.9	41.84	0
4/13/07 9:00 PM	2100	4.54	190.5	7.59	36.25	0
4/13/07 10:00 PM	2200	5.48	196.2	3.925	33.46	0
4/13/07 11:00 PM	2300	4.43	188.9	4.815	33.7	0
4/14/07 12:00 AM	2400	5.61	171.5	6.879	31.87	0
4/14/07 1:00 AM	100	11.27	158.6	3.208	30.41	0

### Buckskin March and April 2007 Wind and Precip. Hourly Data

<u>Date</u>	<u>Time</u>	<u>Wind Speed</u>	<u>Wind Speed</u>	<u>SigmaTheta</u>	<u>Temp</u>	<u>Precip</u>	
4/14/07	2:00 AM	200	11.8	158.6	1.926	29.54	0
4/14/07	3:00 AM	300	9.38	162.3	3.355	29.64	0
4/14/07	4:00 AM	400	7.47	173.4	5.746	29.73	0
4/14/07	5:00 AM	500	9.6	193.3	3.039	30.99	0
4/14/07	6:00 AM	600	9.7	193	3.084	30.64	0
4/14/07	7:00 AM	700	9.17	192.7	3.184	35.23	0
4/14/07	8:00 AM	800	8.54	198.5	6.796	43.04	0
4/14/07	9:00 AM	900	4.898	200.4	21.68	50.52	0
4/14/07	10:00 AM	1000	4.021	243.2	34.4	55.42	0
4/14/07	11:00 AM	1100	6.03	285.4	30.45	57.33	0
4/14/07	12:00 PM	1200	7.32	278.6	37.51	58.65	0
4/14/07	1:00 PM	1300	8.35	312.2	22.66	59.49	0
4/14/07	2:00 PM	1400	11.46	317.1	18.18	60.51	0
4/14/07	3:00 PM	1500	6.819	303.6	41.15	61.64	0
4/14/07	4:00 PM	1600	4.808	280.1	60.56	62.58	0
4/14/07	5:00 PM	1700	4.56	278.9	33.14	62.95	0
4/14/07	6:00 PM	1800	1.046	279.5	13.1	62.74	0
4/14/07	7:00 PM	1900	2.377	80.6	6.391	58.36	0
4/14/07	8:00 PM	2000	4.795	119.5	9.15	53.2	0
4/14/07	9:00 PM	2100	5.225	195.8	9.32	47.33	0
4/14/07	10:00 PM	2200	6.186	192.4	3.468	44	0
4/14/07	11:00 PM	2300	8.67	179.9	4.646	41.98	0
4/15/07	12:00 AM	2400	11.53	166.5	6.044	43.99	0
4/15/07	1:00 AM	100	14.26	167.8	3.965	42.97	0
4/15/07	2:00 AM	200	13.07	171.8	7.95	42.23	0
4/15/07	3:00 AM	300	15.33	170.1	6.148	41.81	0
4/15/07	4:00 AM	400	16.86	166.2	4.064	41.05	0
4/15/07	5:00 AM	500	14.63	168	3.758	40.76	0
4/15/07	6:00 AM	600	12.5	164.2	4.401	40.79	0
4/15/07	7:00 AM	700	7.2	163	6.06	42.61	0
4/15/07	8:00 AM	800	3.375	149.1	15.91	47.18	0
4/15/07	9:00 AM	900	7.03	237.7	15.3	54.01	0
4/15/07	10:00 AM	1000	14.1	316.8	8.61	56.83	0
4/15/07	11:00 AM	1100	15.78	341.1	9.75	58.37	0
4/15/07	12:00 PM	1200	13.92	340.1	12.55	60.4	0
4/15/07	1:00 PM	1300	14.24	339.4	13.18	62.03	0
4/15/07	2:00 PM	1400	13.36	350.8	13.72	63.57	0
4/15/07	3:00 PM	1500	12.98	347.5	14.73	64.03	0
4/15/07	4:00 PM	1600	14.92	3.047	13.67	64.3	0
4/15/07	5:00 PM	1700	16.28	24.76	10.74	62.82	0
4/15/07	6:00 PM	1800	17.68	26.73	6.136	59.58	0
4/15/07	7:00 PM	1900	10.87	18.87	4.345	54.27	0
4/15/07	8:00 PM	2000	11.47	351.7	6.247	48.72	0
4/15/07	9:00 PM	2100	11.77	345.3	5.159	45.15	0

### Buckskin March and April 2007 Wind and Precip. Hourly Data

<u>Date</u>	<u>Time</u>	<u>Wind Speed</u>	<u>Wind Speed</u>	<u>SigmaTheta</u>	<u>Temp</u>	<u>Precip</u>	
4/15/07	10:00 PM	2200	10.67	344.7	3.874	43.71	0
4/15/07	11:00 PM	2300	10.43	338.9	3.237	42.51	0
4/16/07	12:00 AM	2400	10.44	321.3	16.29	44.14	0
4/16/07	1:00 AM	100	11.2	352.9	9.92	44.19	0
4/16/07	2:00 AM	200	14.94	349.9	7.01	41.91	0
4/16/07	3:00 AM	300	15.86	352.4	8.27	41.14	0
4/16/07	4:00 AM	400	10.06	331.3	6.763	39.66	0
4/16/07	5:00 AM	500	9.98	334.9	5.038	39.21	0
4/16/07	6:00 AM	600	9.67	337.7	5.139	38.44	0
4/16/07	7:00 AM	700	9.16	338.7	6.561	39.37	0
4/16/07	8:00 AM	800	12.53	346.1	7.69	41.89	0
4/16/07	9:00 AM	900	14.12	358.8	10.67	45.35	0
4/16/07	10:00 AM	1000	13.13	14.96	13.41	47.53	0
4/16/07	11:00 AM	1100	13.86	23.55	15.32	49.56	0
4/16/07	12:00 PM	1200	9.59	47.69	20.93	51.35	0
4/16/07	1:00 PM	1300	9.68	67.09	20.05	52.65	0
4/16/07	2:00 PM	1400	9.69	54.11	20.37	54.52	0
4/16/07	3:00 PM	1500	9.55	76.2	21.77	55.16	0
4/16/07	4:00 PM	1600	8.95	47.39	20.74	55.72	0
4/16/07	5:00 PM	1700	7.68	62.82	23.37	55.65	0
4/16/07	6:00 PM	1800	6.685	57.09	12.63	55.08	0
4/16/07	7:00 PM	1900	5.975	65.89	9.09	51.53	0
4/16/07	8:00 PM	2000	4.7	66.16	7.18	49.34	0
4/16/07	9:00 PM	2100	4.854	107.7	10.12	46.11	0
4/16/07	10:00 PM	2200	5.313	173.1	6.566	41.2	0
4/16/07	11:00 PM	2300	9.33	168.5	4.055	39.45	0
4/17/07	12:00 AM	2400	12.8	173.2	6.053	42.34	0
4/17/07	1:00 AM	100	13.98	171.6	4.868	42.31	0
4/17/07	2:00 AM	200	18.19	167.5	4.478	42.01	0
4/17/07	3:00 AM	300	23.4	164.4	5.158	42.25	0
4/17/07	4:00 AM	400	22.71	162.1	5.545	41.68	0
4/17/07	5:00 AM	500	18.88	158.7	6.268	40.51	0
4/17/07	6:00 AM	600	20.22	169.2	6.325	39.62	0
4/17/07	7:00 AM	700	24.34	163	6.029	41.82	0
4/17/07	8:00 AM	800	27.99	163.2	6.012	45.1	0
4/17/07	9:00 AM	900	27.96	161.7	6.93	48.84	0
4/17/07	10:00 AM	1000	28.79	161.8	6.884	51.26	0
4/17/07	11:00 AM	1100	27.98	165.3	7.37	54.6	0
4/17/07	12:00 PM	1200	26.34	165.9	7.93	58.01	0
4/17/07	1:00 PM	1300	23.06	167.5	8.83	60.61	0
4/17/07	2:00 PM	1400	24.02	163.6	8.97	62.83	0
4/17/07	3:00 PM	1500	23.26	160	10.06	63.91	0
4/17/07	4:00 PM	1600	23.84	150.8	9.2	64.33	0
4/17/07	5:00 PM	1700	24.05	152	7.6	64.06	0

### Buckskin March and April 2007 Wind and Precip. Hourly Data

<u>Date</u>	<u>Time</u>	<u>Wind Speed</u>	<u>Wind Speed</u>	<u>SigmaTheta</u>	<u>Temp</u>	<u>Precip</u>
4/17/07 6:00 PM	1800	23.54	150.4	6.213	62.29	0
4/17/07 7:00 PM	1900	20.41	143.4	5.258	58.15	0
4/17/07 8:00 PM	2000	20.16	149.1	5.422	55.44	0
4/17/07 9:00 PM	2100	26.23	153.9	5.772	54.18	0
4/17/07 10:00 PM	2200	26.74	153.9	5.777	52.58	0
4/17/07 11:00 PM	2300	25.01	153.1	5.378	50.97	0
4/18/07 12:00 AM	2400	22.71	151.6	5.263	49.92	0
4/18/07 1:00 AM	100	22.41	150.8	5.129	49.53	0
4/18/07 2:00 AM	200	23.18	151.2	5.141	48.09	0
4/18/07 3:00 AM	300	19.99	147.8	5.133	46.46	0
4/18/07 4:00 AM	400	25.51	152.4	5.351	46.24	0
4/18/07 5:00 AM	500	23.5	150.2	5.076	45.28	0
4/18/07 6:00 AM	600	24.26	153.7	6.147	45.83	0
4/18/07 7:00 AM	700	27.57	156.6	5.909	46.41	0
4/18/07 8:00 AM	800	25.51	154.6	6.485	48.8	0
4/18/07 9:00 AM	900	27.44	147	6.288	54.14	0
4/18/07 10:00 AM	1000	28.09	149.9	7.15	58.02	0
4/18/07 11:00 AM	1100	29.78	148.7	8.78	62.27	0
4/18/07 12:00 PM	1200	29.14	151.7	9.51	66.1	0
4/18/07 1:00 PM	1300	31.18	145.7	9.21	68.15	0
4/18/07 2:00 PM	1400	31.14	149.3	11.17	68.96	0
4/18/07 3:00 PM	1500	32.75	147.3	9.48	67.24	0
4/18/07 4:00 PM	1600	34.71	150.2	8.86	66.87	0
4/18/07 5:00 PM	1700	28.8	124	8.38	62.8	0
4/18/07 6:00 PM	1800	30.88	139.1	5.88	64.69	0
4/18/07 7:00 PM	1900	31.69	143.2	6.373	60.96	0
4/18/07 8:00 PM	2000	31.37	142.1	5.902	58.23	0
4/18/07 9:00 PM	2100	24.34	191.5	16.05	57.53	0
4/18/07 10:00 PM	2200	31.18	115.1	6.871	55.47	0
4/18/07 11:00 PM	2300	31.79	130.8	7.13	52.35	0.04
4/19/07 12:00 AM	2400	30.2	149.4	6.459	53.23	0
4/19/07 1:00 AM	100	24.25	193.3	9.69	49.3	0.05
4/19/07 2:00 AM	200	13.83	163.9	10.46	46.03	0.13
4/19/07 3:00 AM	300	9.95	118	10.73	44.86	0.02
4/19/07 4:00 AM	400	7.58	157.5	7.39	44.95	0
4/19/07 5:00 AM	500	21.03	196.6	7.17	44.35	0.04
4/19/07 6:00 AM	600	13.82	256.3	9.16	41.51	0
4/19/07 7:00 AM	700	16.06	289.2	6.796	39.21	0
4/19/07 8:00 AM	800	13.64	283.1	7.48	37.53	0
4/19/07 9:00 AM	900	15.17	291.8	9.16	37.76	0
4/19/07 10:00 AM	1000	13.52	291.7	8.02	37.08	0
4/19/07 11:00 AM	1100	11.67	302.5	8.72	37.92	0
4/19/07 12:00 PM	1200	15.74	304.5	9.02	38.81	0
4/19/07 1:00 PM	1300	19.19	301.6	7.69	39.07	0

### Buckskin March and April 2007 Wind and Precip. Hourly Data

<u>Date</u>	<u>Time</u>	<u>Wind Speed</u>	<u>Wind Speed</u>	<u>SigmaTheta</u>	<u>Temp</u>	<u>Precip</u>	
4/19/07	2:00 PM	1400	19.19	292.6	7.11	36.2	0.01
4/19/07	3:00 PM	1500	22.3	301.2	7.21	36.16	0.01
4/19/07	4:00 PM	1600	18.61	295.7	6.613	35.98	0.03
4/19/07	5:00 PM	1700	18.63	296.8	6.731	37.32	0
4/19/07	6:00 PM	1800	10.3	271.9	9.23	37.57	0
4/19/07	7:00 PM	1900	8.93	281.5	8.39	37.38	0
4/19/07	8:00 PM	2000	6.387	198.8	12.18	35.92	0
4/19/07	9:00 PM	2100	6.497	183.6	8.78	34.32	0
4/19/07	10:00 PM	2200	11.71	173.1	4.413	33.72	0
4/19/07	11:00 PM	2300	8.61	157.6	7.89	33.14	0
4/20/07	12:00 AM	2400	4.32	94.4	12.78	32.65	0
4/20/07	1:00 AM	100	4.744	133.6	18.79	31.89	0
4/20/07	2:00 AM	200	3.931	180.2	41.63	33.16	0
4/20/07	3:00 AM	300	6.268	192.1	43.39	33.41	0
4/20/07	4:00 AM	400	5.951	239.5	23.33	34.61	0
4/20/07	5:00 AM	500	4.091	287	27.55	33.55	0
4/20/07	6:00 AM	600	7.01	182.9	48.59	37.36	0
4/20/07	7:00 AM	700	11.25	171.4	7.82	38.04	0
4/20/07	8:00 AM	800	13.54	162.4	12.74	41.59	0
4/20/07	9:00 AM	900	18.01	191.1	7.98	48.45	0
4/20/07	10:00 AM	1000	19.87	191.9	8.16	53	0
4/20/07	11:00 AM	1100	18.12	185.9	9.85	55.15	0
4/20/07	12:00 PM	1200	16.95	190.2	12.61	57.29	0
4/20/07	1:00 PM	1300	16.76	183	13.63	58.81	0
4/20/07	2:00 PM	1400	14.73	189.1	14.09	59.88	0
4/20/07	3:00 PM	1500	12.31	196.7	14.37	60.74	0
4/20/07	4:00 PM	1600	6.963	175.6	15.81	61.66	0
4/20/07	5:00 PM	1700	4.535	133.6	26.68	61.4	0
4/20/07	6:00 PM	1800	4.559	157.6	12.18	59.43	0
4/20/07	7:00 PM	1900	7.12	345.6	8.88	54.97	0
4/20/07	8:00 PM	2000	9.05	4.755	6.912	51.71	0
4/20/07	9:00 PM	2100	8.6	24.48	6.92	48.67	0
4/20/07	10:00 PM	2200	11.39	19.32	7.65	46.67	0
4/20/07	11:00 PM	2300	12.62	331.1	8.63	42.81	0
4/21/07	12:00 AM	2400	14	332.2	3.714	41.99	0
4/21/07	1:00 AM	100	12.65	326.3	4.02	41.08	0
4/21/07	2:00 AM	200	8.19	354.9	5.824	39.82	0
4/21/07	3:00 AM	300	7.32	319.3	18.32	38.26	0
4/21/07	4:00 AM	400	8.33	295.2	8.17	37.78	0
4/21/07	5:00 AM	500	6.7	302.8	6.364	37.28	0
4/21/07	6:00 AM	600	4.587	293.8	11.85	37.12	0
4/21/07	7:00 AM	700	3.87	255.8	26.03	39.42	0
4/21/07	8:00 AM	800	4.534	324.3	16.23	43.44	0
4/21/07	9:00 AM	900	5.74	341.1	28.52	46.16	0

### Buckskin March and April 2007 Wind and Precip. Hourly Data

<u>Date</u>	<u>Time</u>	<u>Wind Speed</u>	<u>Wind Speed</u>	<u>SigmaTheta</u>	<u>Temp</u>	<u>Precip</u>	
4/21/07	10:00 AM	1000	6.704	310.5	17.72	47.28	0
4/21/07	11:00 AM	1100	4.851	296.7	25.92	49.04	0
4/21/07	12:00 PM	1200	4.147	328.6	36.59	51.8	0
4/21/07	1:00 PM	1300	2.731	263.7	62.13	54.88	0
4/21/07	2:00 PM	1400	4.074	295.2	46.15	56.26	0
4/21/07	3:00 PM	1500	6.065	303.3	35.39	57.35	0
4/21/07	4:00 PM	1600	7.81	351.1	16.16	57.52	0
4/21/07	5:00 PM	1700	8.42	7.08	25.15	56.81	0
4/21/07	6:00 PM	1800	13.59	16.51	6.046	53.16	0
4/21/07	7:00 PM	1900	10.27	19.24	5.396	49.07	0
4/21/07	8:00 PM	2000	8.03	358.5	13.76	46.15	0
4/21/07	9:00 PM	2100	11.14	355.2	5.915	41.98	0
4/21/07	10:00 PM	2200	8.3	34.33	6.957	40.46	0
4/21/07	11:00 PM	2300	5.913	38.57	17.04	41.68	0
4/22/07	12:00 AM	2400	6.308	355.1	10.36	39.4	0
4/22/07	1:00 AM	100	7.63	335.4	3.817	37.94	0
4/22/07	2:00 AM	200	5.59	309.3	28.01	37.66	0
4/22/07	3:00 AM	300	3.505	221	13.04	34.53	0
4/22/07	4:00 AM	400	4.869	319.5	9.9	36.55	0
4/22/07	5:00 AM	500	5.435	314.3	3.42	35.76	0
4/22/07	6:00 AM	600	1.301	212.4	38.38	34.32	0
4/22/07	7:00 AM	700	2.938	187.4	9.17	36.56	0
4/22/07	8:00 AM	800	2.775	175.9	17.54	42.45	0
4/22/07	9:00 AM	900	2.79	102.7	33.12	48.61	0
4/22/07	10:00 AM	1000	4.157	64.53	32.48	50.99	0
4/22/07	11:00 AM	1100	3.707	71.6	39.46	53.73	0
4/22/07	12:00 PM	1200	5.588	116.4	47.31	55.23	0
4/22/07	1:00 PM	1300	5.23	115.9	33	57.2	0
4/22/07	2:00 PM	1400	7.42	93.2	25.94	56.79	0
4/22/07	3:00 PM	1500	4.319	64.84	49.45	58.53	0
4/22/07	4:00 PM	1600	7.36	70.4	23.18	58.53	0
4/22/07	5:00 PM	1700	10.68	52.09	13.45	58.51	0
4/22/07	6:00 PM	1800	10.26	63.86	9.75	57.02	0
4/22/07	7:00 PM	1900	11.53	73.2	6.89	54.99	0
4/22/07	8:00 PM	2000	10.54	82.9	5.28	52.02	0
4/22/07	9:00 PM	2100	12.28	98.3	6.305	50.51	0
4/22/07	10:00 PM	2200	14.99	120.8	5.385	49.18	0
4/22/07	11:00 PM	2300	12.52	129.7	5.085	47.92	0
4/23/07	12:00 AM	2400	11.8	130.9	5.227	47.67	0
4/23/07	1:00 AM	100	13.29	131.8	6.021	46.91	0
4/23/07	2:00 AM	200	18.25	155.2	6.342	45.61	0.01
4/23/07	3:00 AM	300	19.8	150.6	6.484	43.47	0.03
4/23/07	4:00 AM	400	18.31	148.2	7.25	42.75	0.03
4/23/07	5:00 AM	500	19.63	138.2	5.299	42.15	0

### Buckskin March and April 2007 Wind and Precip. Hourly Data

<u>Date</u>	<u>Time</u>	<u>Wind Speed</u>	<u>Wind Speed</u>	<u>SigmaTheta</u>	<u>Temp</u>	<u>Precip</u>
4/23/07 6:00 AM	600	20.87	140.1	5.258	42.4	0
4/23/07 7:00 AM	700	23.91	140.7	5.419	41.89	0
4/23/07 8:00 AM	800	19.12	147	6.065	41.68	0.01
4/23/07 9:00 AM	900	20.99	145.3	5.672	41.95	0.02
4/23/07 10:00 AM	1000	21.6	138.4	5.646	42.33	0
4/23/07 11:00 AM	1100	21.64	135	6.009	42.54	0
4/23/07 12:00 PM	1200	19.86	128.8	6.529	42.7	0
4/23/07 1:00 PM	1300	18.54	128.7	6.859	43.02	0
4/23/07 2:00 PM	1400	20.36	133.5	6.303	44.35	0
4/23/07 3:00 PM	1500	18.53	135.2	6.953	45.02	0
4/23/07 4:00 PM	1600	18.81	146.5	7.71	45.37	0
4/23/07 5:00 PM	1700	17.94	151.8	7.92	45.84	0
4/23/07 6:00 PM	1800	17.37	140.3	6.559	45.18	0
4/23/07 7:00 PM	1900	10.22	133.1	6.361	44.59	0
4/23/07 8:00 PM	2000	6.047	61.34	19.11	42.95	0
4/23/07 9:00 PM	2100	6.859	128.1	8.43	42.35	0
4/23/07 10:00 PM	2200	7.1	126.9	8.6	41.93	0
4/23/07 11:00 PM	2300	6.088	16.51	32.57	41.3	0
4/24/07 12:00 AM	2400	4.251	9.62	20.41	40.16	0
4/24/07 1:00 AM	100	5.456	18.73	5.952	40.38	0
4/24/07 2:00 AM	200	5.38	17.71	7.61	40.58	0
4/24/07 3:00 AM	300	4.959	348.4	6.675	40.5	0
4/24/07 4:00 AM	400	6.108	323.3	4.708	40.27	0
4/24/07 5:00 AM	500	4.67	332.7	6.73	40.21	0
4/24/07 6:00 AM	600	4.387	3.66	15.24	40.25	0
4/24/07 7:00 AM	700	2.08	56.38	20.94	40.99	0
4/24/07 8:00 AM	800	2.672	53	15.58	42.7	0
4/24/07 9:00 AM	900	3.936	58.7	13.92	43.63	0
4/24/07 10:00 AM	1000	3.98	28.72	21.02	44.18	0
4/24/07 11:00 AM	1100	3.961	52.78	25.49	46.36	0
4/24/07 12:00 PM	1200	4.991	13.03	19.52	48.1	0
4/24/07 1:00 PM	1300	5.922	29.93	28.6	49.88	0
4/24/07 2:00 PM	1400	5.853	75.1	23.94	51.63	0
4/24/07 3:00 PM	1500	5.444	63.69	24.66	52.14	0
4/24/07 4:00 PM	1600	2.996	25.18	29.37	52.6	0
4/24/07 5:00 PM	1700	2.856	28	28.19	52.14	0
4/24/07 6:00 PM	1800	2.813	53.02	7.87	50.73	0
4/24/07 7:00 PM	1900	2.173	42.54	11.44	50.42	0
4/24/07 8:00 PM	2000	5.408	98.9	7.55	47.22	0
4/24/07 9:00 PM	2100	7.57	156.9	7.54	43.42	0
4/24/07 10:00 PM	2200	5.802	182	8.07	42.04	0
4/24/07 11:00 PM	2300	5.595	178.6	6.48	40.72	0
4/25/07 12:00 AM	2400	5.697	188.5	6.324	38.81	0
4/25/07 1:00 AM	100	6.513	187	5.191	37.24	0

### Buckskin March and April 2007 Wind and Precip. Hourly Data

<u>Date</u>	<u>Time</u>	<u>Wind Speed</u>	<u>Wind Speed</u>	<u>SigmaTheta</u>	<u>Temp</u>	<u>Precip</u>	
4/25/07	2:00 AM	200	7.13	189.1	4.948	35.73	0
4/25/07	3:00 AM	300	8.66	177.4	5.544	35.12	0
4/25/07	4:00 AM	400	6.862	197.2	9.45	34.65	0
4/25/07	5:00 AM	500	4.406	185.4	9.59	34.97	0
4/25/07	6:00 AM	600	7.21	171.1	5.426	34.73	0
4/25/07	7:00 AM	700	8.03	174.5	5.38	39.9	0
4/25/07	8:00 AM	800	7.5	170.6	8.29	46.14	0
4/25/07	9:00 AM	900	9.12	157.1	12.06	52.22	0
4/25/07	10:00 AM	1000	8.71	179.9	21.19	55.55	0
4/25/07	11:00 AM	1100	8.48	172.2	21.81	56.99	0
4/25/07	12:00 PM	1200	3.442	214.6	62.98	59.14	0
4/25/07	1:00 PM	1300	5.286	111.4	32.93	60.57	0
4/25/07	2:00 PM	1400	5.004	183.2	30.47	60.11	0
4/25/07	3:00 PM	1500	3.907	187.3	46.01	62.18	0
4/25/07	4:00 PM	1600	5.821	72.7	52.95	63.56	0
4/25/07	5:00 PM	1700	5.44	84.5	17.62	61.71	0
4/25/07	6:00 PM	1800	5.905	123.9	14.28	60.26	0
4/25/07	7:00 PM	1900	11.93	139	5.509	56.43	0
4/25/07	8:00 PM	2000	10.88	163.6	4.508	52.57	0
4/25/07	9:00 PM	2100	12.52	160	5.156	50.83	0
4/25/07	10:00 PM	2200	11.42	169.3	4.607	48.5	0
4/25/07	11:00 PM	2300	9.2	176.6	4.545	45.93	0
4/26/07	12:00 AM	2400	11.12	172.6	5.616	44.8	0
4/26/07	1:00 AM	100	12.17	176.2	5.077	44.78	0
4/26/07	2:00 AM	200	8.63	180	5.988	43.04	0
4/26/07	3:00 AM	300	8.82	185.2	6.434	43.04	0
4/26/07	4:00 AM	400	5.752	180.1	7.33	40.72	0
4/26/07	5:00 AM	500	4.441	198.2	18.74	39.36	0
4/26/07	6:00 AM	600	8.06	292.9	12.71	43.98	0
4/26/07	7:00 AM	700	14.67	314	7.78	46.56	0
4/26/07	8:00 AM	800	20.33	330.7	6.895	49.43	0
4/26/07	9:00 AM	900	22.1	334.6	7.23	51.07	0
4/26/07	10:00 AM	1000	18.1	328.3	7.69	48.34	0
4/26/07	11:00 AM	1100	16.3	338.1	8.63	47.7	0
4/26/07	12:00 PM	1200	11.61	338.3	9.81	46.63	0.03
4/26/07	1:00 PM	1300	6.885	9.76	10.05	46.18	0.01
4/26/07	2:00 PM	1400	13.64	339.2	12.11	47.57	0.01
4/26/07	3:00 PM	1500	18.64	315.8	6.183	45.35	0
4/26/07	4:00 PM	1600	12.29	299.6	6.672	46.69	0
4/26/07	5:00 PM	1700	15.54	310.5	6.433	47.49	0
4/26/07	6:00 PM	1800	16.14	318.6	7.75	47.58	0.01
4/26/07	7:00 PM	1900	11.46	352.6	9.27	42.46	0
4/26/07	8:00 PM	2000	3.52	151.9	16.19	39.48	0
4/26/07	9:00 PM	2100	5.92	218.7	10.03	36.87	0

### Buckskin March and April 2007 Wind and Precip. Hourly Data

<u>Date</u>	<u>Time</u>	<u>Wind Speed</u>	<u>Wind Speed</u>	<u>SigmaTheta</u>	<u>Temp</u>	<u>Precip</u>	
4/26/07	10:00 PM	2200	5.7	196.4	6.681	35.12	0
4/26/07	11:00 PM	2300	5.195	212	12.52	35.74	0
4/27/07	12:00 AM	2400	6.925	207.6	8.14	37.44	0
4/27/07	1:00 AM	100	6.063	205.3	11.86	37.56	0
4/27/07	2:00 AM	200	6.158	227.3	8.41	36.86	0
4/27/07	3:00 AM	300	8.24	228	8.87	36.83	0
4/27/07	4:00 AM	400	12.41	207.5	5.601	38.12	0
4/27/07	5:00 AM	500	11.45	224.8	5.685	39.24	0
4/27/07	6:00 AM	600	9.48	227.1	6.747	39.48	0
4/27/07	7:00 AM	700	8.14	260.7	10.83	44	0
4/27/07	8:00 AM	800	12.23	274.4	6.563	46.93	0
4/27/07	9:00 AM	900	12.62	296.4	8.91	50.48	0
4/27/07	10:00 AM	1000	11.86	324.6	12.86	53.43	0
4/27/07	11:00 AM	1100	16.2	322.2	13.71	55.51	0
4/27/07	12:00 PM	1200	15.69	299.4	13.45	57.13	0
4/27/07	1:00 PM	1300	17.85	306.6	11.87	59.47	0
4/27/07	2:00 PM	1400	15.63	301.6	14.81	61.03	0
4/27/07	3:00 PM	1500	17.28	308.6	10.38	62.08	0
4/27/07	4:00 PM	1600	15.67	309.9	11.22	62.09	0
4/27/07	5:00 PM	1700	12.34	315.7	11.59	61.68	0
4/27/07	6:00 PM	1800	9.13	309.2	8.04	60.7	0
4/27/07	7:00 PM	1900	7.57	292.6	5.534	58.64	0
4/27/07	8:00 PM	2000	4.559	267.1	19.85	55.42	0
4/27/07	9:00 PM	2100	4.106	214.6	11.78	49.41	0
4/27/07	10:00 PM	2200	4.855	198.3	7.7	46.02	0
4/27/07	11:00 PM	2300	8.3	203.8	5.707	44.01	0
4/28/07	12:00 AM	2400	7.8	197	4.264	44.91	0
4/28/07	1:00 AM	100	8.05	192.7	6.01	45.55	0
4/28/07	2:00 AM	200	9.41	206.3	5.134	46.17	0
4/28/07	3:00 AM	300	8.88	202.6	4.643	46.5	0
4/28/07	4:00 AM	400	10.71	188	3.317	45.15	0
4/28/07	5:00 AM	500	10.71	186.4	3.881	43.35	0
4/28/07	6:00 AM	600	11.51	197.6	3.308	43.88	0
4/28/07	7:00 AM	700	7.77	200.7	6.797	49.29	0
4/28/07	8:00 AM	800	7.15	185.2	9.67	56.5	0
4/28/07	9:00 AM	900	9.05	184.8	11.7	64.41	0
4/28/07	10:00 AM	1000	12.95	188	9.51	70.1	0
4/28/07	11:00 AM	1100	18.89	214.5	8.7	72.1	0
4/28/07	12:00 PM	1200	19.59	223.3	8.87	73.8	0
4/28/07	1:00 PM	1300	15.87	236.9	14.28	75.9	0
4/28/07	2:00 PM	1400	7.16	251.3	37.87	77.5	0
4/28/07	3:00 PM	1500	8.25	250.2	20.54	78	0
4/28/07	4:00 PM	1600	7.97	242.1	22.06	78.8	0
4/28/07	5:00 PM	1700	5.706	244.7	21.09	79	0

### Buckskin March and April 2007 Wind and Precip. Hourly Data

<u>Date</u>	<u>Time</u>	<u>Wind Speed</u>	<u>Wind Speed</u>	<u>SigmaTheta</u>	<u>Temp</u>	<u>Precip</u>
4/28/07 6:00 PM	1800	2.954	12.2	33.37	77.9	0
4/28/07 7:00 PM	1900	4.615	45.39	4.815	72.3	0
4/28/07 8:00 PM	2000	3.228	78.2	16.55	67.02	0
4/28/07 9:00 PM	2100	3.604	137.7	17.98	63.5	0
4/28/07 10:00 PM	2200	4.906	204.9	7.13	53.29	0
4/28/07 11:00 PM	2300	5.173	191.1	26.43	48.66	0
4/29/07 12:00 AM	2400	5.486	175.9	14.74	48.74	0
4/29/07 1:00 AM	100	6.143	218	8.93	50.22	0
4/29/07 2:00 AM	200	3.543	222.8	44.64	49.12	0
4/29/07 3:00 AM	300	4.683	302.6	27.74	50.17	0
4/29/07 4:00 AM	400	4.663	236	16.5	49.58	0
4/29/07 5:00 AM	500	6.947	296.2	7.74	52.99	0
4/29/07 6:00 AM	600	11.67	321.7	4.301	52.75	0
4/29/07 7:00 AM	700	7.98	328.5	7.12	55.9	0
4/29/07 8:00 AM	800	8.43	346.7	8.57	58.49	0
4/29/07 9:00 AM	900	7.05	14.4	15.1	61.74	0
4/29/07 10:00 AM	1000	8.09	68.64	14.73	66.35	0
4/29/07 11:00 AM	1100	6.621	101	24.39	69.35	0
4/29/07 12:00 PM	1200	7.9	132.5	20.26	71.4	0
4/29/07 1:00 PM	1300	8.71	142.4	16.49	73.9	0
4/29/07 2:00 PM	1400	11.3	164.9	13.89	76	0
4/29/07 3:00 PM	1500	12.96	178.6	13.52	77.9	0
4/29/07 4:00 PM	1600	15.77	168.6	8.69	78.7	0
4/29/07 5:00 PM	1700	17.54	165.5	7.11	78.9	0
4/29/07 6:00 PM	1800	17.77	164.7	5.375	76.6	0
4/29/07 7:00 PM	1900	18.75	164.2	5.238	73.4	0
4/29/07 8:00 PM	2000	25.05	162.4	6.072	69.6	0
4/29/07 9:00 PM	2100	25.82	164.6	5.215	66.3	0
4/29/07 10:00 PM	2200	28.17	164.7	5.272	65.23	0
4/29/07 11:00 PM	2300	26.68	166.8	5.234	64.15	0
4/30/07 12:00 AM	2400	19.59	187.7	7.58	61.66	0
4/30/07 1:00 AM	100	15.1	180.2	7.16	59.83	0
4/30/07 2:00 AM	200	11.7	188.7	6.981	57.31	0
4/30/07 3:00 AM	300	6.807	187.7	7.87	53.93	0
4/30/07 4:00 AM	400	4.163	228	23.59	54.24	0
4/30/07 5:00 AM	500	10.26	275.3	11.41	55.75	0
4/30/07 6:00 AM	600	17.5	310.1	5.698	55.28	0
4/30/07 7:00 AM	700	22.06	317.1	6.328	55.95	0
4/30/07 8:00 AM	800	25.86	336.7	6.347	57.54	0
4/30/07 9:00 AM	900	23.79	348.6	8.81	58.45	0
4/30/07 10:00 AM	1000	17.68	356.8	10.63	60.88	0
4/30/07 11:00 AM	1100	14.37	354	11.64	61.94	0
4/30/07 12:00 PM	1200	12.97	358	16.75	64.71	0
4/30/07 1:00 PM	1300	12.85	353.5	15.31	65.01	0

### Buckskin March and April 2007 Wind and Precip. Hourly Data

<u>Date</u>	<u>Time</u>	<u>Wind Speed</u>	<u>Wind Speed</u>	<u>SigmaTheta</u>	<u>Temp</u>	<u>Precip</u>	
4/30/07	2:00 PM	1400	9.02	339.2	20.01	64.73	0
4/30/07	3:00 PM	1500	10.23	3.077	15.73	64.82	0
4/30/07	4:00 PM	1600	14.55	30.99	10.38	63.52	0
4/30/07	5:00 PM	1700	13.35	42.4	12.51	63.37	0
4/30/07	6:00 PM	1800	14.18	50.01	8.37	61.6	0
4/30/07	7:00 PM	1900	12.32	38.22	5.704	58.53	0
4/30/07	8:00 PM	2000	9.79	48.88	5.049	54.66	0
4/30/07	9:00 PM	2100	7.08	52.19	7.13	52.38	0
4/30/07	10:00 PM	2200	4.92	45.08	5.195	50.71	0
4/30/07	11:00 PM	2300	6.007	66.25	6.564	49.65	0