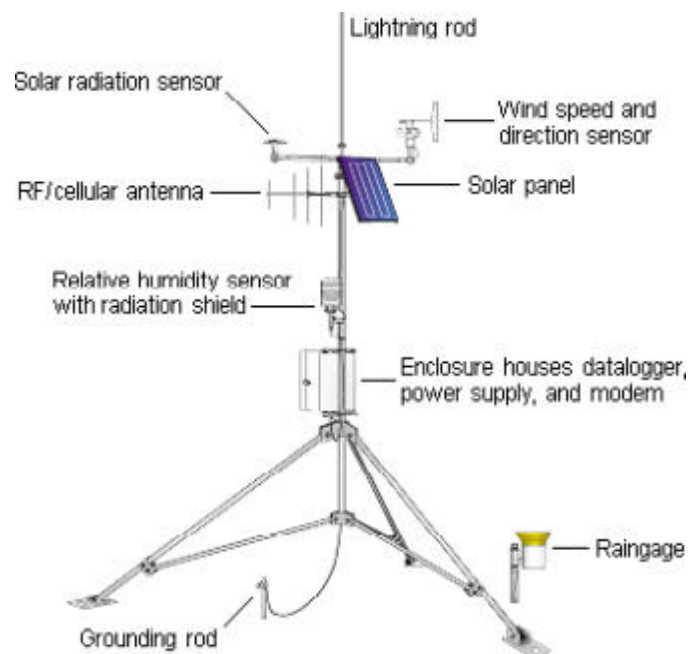




November 2003 Monthly Weather Report

By
F. Adnan Akyüz, Ph.D.
State Climatologist
Missouri Climate Center
University of Missouri-Columbia
369 McReynolds Hall
Columbia, Missouri 65211

Weather Monitoring at Prairie Fork Conservation Area



November 2003

**Prairie Fork Conservation Area
Monthly Weather Data**

Date	Max Temp (°F)	Min Temp (°F)	Avg RH (%)	Max Wind (mph)	Avg Wind (mph)	Wind Dir (deg)	Total SR (MJ/m²)	Total Rain (in)	Min SLP (mb)
11 1	51.9	44.5	88	6.7	2.3	70	1.50	0.11	1019.1
11 2	78.0	51.8	76	14.5	4.1	199	9.61	0.01	1017.3
11 3	79.5	55.9	75	14.5	5.0	182	9.83	0.00	1011.1
11 4	78.5	42.3	74	16.0	5.8	212	5.59	0.49	1007.9
11 5	42.2	34.4	87	7.7	2.6	4	2.99	0.01	1017.0
11 6	44.4	29.2	77	8.4	1.8	1	6.41	0.00	1024.1
11 7	49.6	26.1	68	7.2	1.1	340	10.23	0.01	1027.9
11 8	39.7	31.0	60	8.1	3.6	25	5.66	0.00	1031.6
11 9	46.6	33.8	60	7.0	2.5	72	5.86	0.00	1027.2
11 10	55.2	35.6	74	13.4	4.3	165	2.93	0.03	1015.2
11 11	64.9	55.0	90	10.8	3.4	212	1.87	0.02	1010.7
11 12	65.5	36.4	64	10.7	4.1	250	11.10	0.00	1009.7
11 13	45.7	29.8	58	8.1	1.7	268	10.10	0.00	1027.6
11 14	42.5	29.9	73	14.5	5.7	195	1.83	0.02	1015.6
11 15	50.8	41.2	91	8.2	3.6	173	2.20	0.01	1011.7
11 16	63.2	42.9	76	9.4	1.9	203	8.07	0.00	1014.0
11 17	61.5	41.7	91	10.8	4.4	149	2.54	0.89	1002.5
11 18	61.0	42.1	81	9.3	1.6	300	1.59	1.02	999.8
11 19	67.7	37.3	55	15.9	3.8	247	11.82	0.00	1010.7
11 20	75.3	48.3	46	18.1	6.7	207	11.88	0.00	1008.7
11 21	69.0	41.9	63	8.4	1.8	59	11.52	0.00	1007.7
11 22	67.4	43.3	78	13.3	5.4	174	3.45	0.00	1003.9
11 23	67.5	26.8	79	28.3	7.2	237	1.21	0.40	1000.9
11 24	36.8	21.3	57	14.9	5.1	234	11.44	0.00	1014.8
11 25	48.1	25.7	55	15.6	5.1	185	7.48	0.00	1009.3
11 26	53.0	30.4	69	10.8	3.6	149	8.68	0.00	1007.5
11 27	54.0	33.2	71	5.5	1.3	304	6.60	0.00	1010.5
11 28	33.3	23.5	68	9.2	2.5	281	3.43	0.00	1021.0
11 29	54.6	17.7	57	19.6	7.6	211	10.45	0.00	1012.1
11 30	62.2	42.5	43	16.9	5.7	239	9.86	0.00	1012.4
Average	57.0	36.5	70	12.1	3.8		6.59		1013.7
Max	79.5	55.9	91	28.3	7.6		11.88	1.02	1031.6
Min	33.3	17.7	43	5.5	1.1		1.21		999.8
Total							197.73	3.02	

November 2003

Prairie Fork Conservation Area
 Monthly Soil/Fuel Data

Date	Max ST(2") (°F)	Min ST(2") (°F)	Max ST(4") (°F)	Min ST(4") (°F)	Avg SM (%)	Avg FM (%)	Avg FT (°F)
11 1	57.3	55.7	57.2	55.5	124.0	24.1	47.3
11 2	61.7	55.7	60.3	55.5	124.0	22.8	65.7
11 3	63.8	58.8	62.4	58.7	123.0	11.5	68.0
11 4	64.3	59.8	63.0	59.8	125.0	15.0	62.7
11 5	59.8	54.0	59.8	54.3	143.0	30.0	37.9
11 6	54.0	48.9	54.3	50.3	138.0	24.6	35.8
11 7	51.6	46.7	51.0	47.9	136.0	16.8	36.3
11 8	48.9	46.8	48.5	47.2	134.0	12.2	35.0
11 9	49.4	46.2	48.7	46.8	133.0	9.8	38.6
11 10	50.9	46.0	50.0	46.7	132.0	15.3	46.8
11 11	54.8	50.9	53.8	50.0	131.0	36.5	57.9
11 12	57.1	51.0	55.9	51.7	131.0	21.9	51.6
11 13	51.3	47.0	51.7	47.9	129.0	10.5	36.2
11 14	47.7	46.4	47.9	46.5	128.0	13.0	37.7
11 15	50.3	47.1	49.7	46.7	128.0	27.5	45.7
11 16	54.1	49.5	52.8	49.3	128.0	21.6	49.9
11 17	54.5	48.5	53.3	48.9	134.0	25.0	53.6
11 18	56.0	52.9	55.0	53.1	156.0	42.2	52.7
11 19	53.9	49.6	53.1	50.0	154.0	22.6	48.8
11 20	54.7	50.1	53.4	48.3	150.0	8.2	57.7
11 21	54.7	49.5	53.4	49.7	147.0	5.8	53.7
11 22	55.3	50.8	54.3	50.7	146.0	8.5	58.3
11 23	56.1	48.3	55.2	49.3	153.0	25.2	43.2
11 24	48.3	43.3	49.3	44.3	152.0	17.0	27.7
11 25	46.0	42.6	45.2	42.9	150.0	11.4	35.8
11 26	47.9	43.1	47.1	42.6	148.0	8.5	45.0
11 27	49.1	45.4	48.0	45.4	147.0	11.0	41.2
11 28	46.0	40.9	46.1	41.6	146.0	10.4	27.2
11 29	43.4	38.4	42.6	39.1	145.0	8.6	37.4
11 30	46.8	42.2	45.5	41.1	144.0	4.8	48.4
Average	53.0	48.5	52.3	48.7	138.6	17.4	46.1
Max	64.3	59.8	63.0	59.8	156.0	42.2	68.0
Min	43.4	38.4	42.6	39.1	123.0	4.8	27.2

ST : Soil Temperature
 SM : Soil Moisture (by volume)
 FM : Fuel Moisture
 FT : Fuel Temperature

Prairie Fork Conservation Area Soil Temperature Chart (November 2003)

