

March 2002

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)
3 1	44.8	28.7	62	14.3	4.2	117	6.07	0.41	1012.7
3 2	37.3	13.1	91	6.0	0.9	355	0.87	0.30	1009.5
3 3	20.8	4.6	63	0.5	0.4	298	3.65	0.00	1019.0
3 4	33.4	-0.4	64	22.7	4.1	225	7.56	0.00	1018.6
3 5	62.0	23.0	50	16.8	6.2	202	18.89	0.11	1017.2
3 6	63.9	41.2	58	18.9	6.6	225	17.38	0.00	1015.6
3 7	68.0	29.9	74	16.1	5.3	117	15.31	0.00	1012.2
3 8	71.0	57.7	68	21.6	10.3	178	8.99	0.01	1004.4
3 9	62.3	23.5	65	22.5	7.2	246	14.32	0.27	1002.9
3 10	47.9	23.1	50	11.4	3.2	213	20.34	0.00	1024.9
3 11	48.8	33.6	65	14.1	5.4	177	5.62	0.02	1015.4
3 12	55.0	31.0	74	6.7	1.2	39	15.05	0.00	1012.7
3 13	74.7	31.8	58	13.1	4.7	182	20.11	0.00	1006.5
3 14	78.3	49.7	54	21.6	7.9	184	14.02	0.00	998.2
3 15	50.9	33.7	72	7.9	1.7	339	5.55	0.09	1006.3
3 16	42.1	27.4	73	11.0	4.5	38	12.70	0.01	1018.4
3 17	55.5	35.8	74	8.8	2.3	100	11.05	0.00	1013.4
3 18	53.3	37.0	75	10.5	3.5	55	10.05	0.02	1018.0
3 19	49.3	43.1	93	7.3	2.5	28	2.53	0.24	1015.3
3 20	50.5	31.9	74	6.8	1.7	345	9.11	0.00	1016.0
3 21	36.2	19.4	61	9.0	3.2	318	19.31	0.00	1022.5
3 22	41.4	14.3	45	15.0	2.9	258	23.47	0.00	1023.8
3 23	54.8	23.1	43	14.7	4.9	199	22.03	0.00	1013.8
3 24	46.8	34.6	71	14.4	5.2	59	2.03	0.51	1010.0
3 25	34.8	27.6	93	19.0	7.8	21	2.21	0.02	1012.7
3 26	45.6	25.6	70	6.5	1.4	348	16.20	0.20	1020.3
3 27	57.7	22.1	63	12.2	3.8	114	21.48	0.00	1015.0
3 28	67.6	42.1	60	10.5	3.8	161	15.28	0.00	1008.1
3 29	60.0	43.9	72	13.4	2.0	352	10.45	0.09	1005.2
3 30	64.7	34.8	57	8.1	1.8	357	17.93	0.00	1014.5
3 31	60.6	36.3	54	7.9	1.4	351	17.53	0.00	1017.5
Average	52.9	29.8	66	12.6	3.9		12.49		1013.6
Max	78.3	57.7	93	22.7	10.3		23.47	0.51	1024.9
Min	20.8	-0.4	43	0.5	0.4		0.87		998.2
Total							387.09	2.30	

March 2002

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)
3 1	38.7	35.7	38.5	36.3	59.0	13.4	35.8
3 2	38.0	37.3	37.9	37.4	63.0	42.1	26.3
3 3	37.7	37.5	37.6	37.5	64.0	30.4	13.1
3 4	37.6	36.6	37.5	36.6	64.0	29.2	17.6
3 5	41.5	36.7	40.8	36.6	64.0	21.7	42.8
3 6	46.0	37.7	44.5	38.1	65.0	13.5	50.8
3 7	48.8	39.9	47.2	40.4	66.0	14.9	51.9
3 8	52.2	47.7	50.8	46.9	67.0	13.6	63.6
3 9	52.3	40.5	51.0	42.7	67.0	32.4	35.5
3 10	46.3	38.0	45.6	39.5	66.0	21.5	36.1
3 11	42.9	40.3	42.9	40.8	66.0	17.6	39.5
3 12	48.5	40.9	46.8	41.2	65.0	24.9	42.0
3 13	50.8	41.0	49.1	41.7	65.0	18.7	53.5
3 14	52.7	45.9	50.9	45.8	64.0	12.3	62.2
3 15	50.1	45.1	49.9	46.0	63.0	23.1	40.3
3 16	46.7	42.1	46.0	43.0	63.0	21.7	36.5
3 17	49.0	43.2	48.0	43.2	63.0	20.7	44.2
3 18	48.7	44.1	47.6	44.5	62.0	19.9	45.3
3 19	47.6	46.0	47.1	45.9	64.0	45.3	46.0
3 20	49.0	44.2	48.1	45.3	65.0	37.1	41.0
3 21	47.3	40.7	46.6	42.5	64.0	25.0	30.0
3 22	45.0	37.3	44.9	38.9	62.0	17.5	27.3
3 23	46.3	37.1	45.6	38.5	62.0	13.8	39.8
3 24	44.1	42.5	43.8	42.8	62.0	25.6	42.1
3 25	42.6	38.4	42.9	39.0	65.0	36.5	29.4
3 26	43.7	38.0	42.7	38.4	65.0	30.8	34.3
3 27	47.0	36.8	45.6	37.8	66.0	21.1	43.7
3 28	51.0	42.7	49.1	42.8	67.0	15.0	52.1
3 29	50.4	45.1	49.1	45.3	67.0	22.0	48.8
3 30	52.2	43.6	50.6	44.3	67.0	19.1	49.7
3 31	52.6	45.1	51.4	45.8	66.0	13.9	47.6
Average	46.7	40.9	45.8	41.5	64.5	23.0	40.9
Max	52.7	47.7	51.4	46.9	67.0	45.3	63.6
Min	37.6	35.7	37.5	36.3	59.0	12.3	13.1

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

Prairie Fork Conservation Area Soil Temperature Chart (March 2002)

