

February 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/m <sup>2</sup> )	Total Rain (in)	Min SLP (mb)
2 1	40.3	21.3	73	12.1	3.0	273	11.31	0.00	1013.6
2 2	44.3	17.3	67	9.2	2.9	195	8.09	0.00	1023.0
2 3	51.0	27.0	54	9.7	2.3	267	13.66	0.00	1021.8
2 4	33.7	15.1	57	7.2	1.7	8	13.70	0.00	1027.1
2 5	43.2	21.9	53	7.8	1.8	165	8.06	0.00	1025.1
2 6	41.1	29.2	61	7.5	1.4	194	5.44	0.00	1018.3
2 7	39.8	27.0	82	12.0	3.4	247	8.04	0.00	1018.0
2 8	62.6	29.9	60	14.7	6.6	198	14.21	0.00	1013.8
2 9	55.7	38.6	67	18.3	8.1	177	7.64	0.05	1008.5
2 10	42.0	24.3	83	15.0	3.7	282	1.43	0.07	1011.3
2 11	48.1	19.0	57	15.0	5.0	226	15.57	0.00	1017.2
2 12	49.9	30.1	53	11.0	2.4	285	10.36	0.00	1017.6
2 13	47.9	20.3	61	7.2	1.2	309	15.84	0.00	1025.3
2 14	56.0	28.1	41	17.0	7.3	192	15.15	0.00	1015.4
2 15	52.6	35.1	51	14.9	4.3	253	14.62	0.00	1015.1
2 16	57.2	34.3	40	11.4	4.0	266	15.91	0.00	1015.9
2 17	56.6	25.3	55	7.2	2.0	27	16.26	0.00	1020.1
2 18	63.7	33.7	46	16.9	7.0	159	11.49	0.00	1011.6
2 19	58.6	49.9	67	17.9	7.1	179	1.57	0.50	1001.8
2 20	52.2	39.9	79	18.5	4.8	252	3.52	0.02	1000.7
2 21	40.3	31.9	73	7.8	2.7	303	5.26	0.00	1012.1
2 22	50.5	29.8	52	5.8	1.2	341	17.24	0.00	1020.6
2 23	62.9	30.0	46	15.7	5.8	173	16.73	0.00	1013.6
2 24	73.6	42.3	43	21.7	8.8	181	16.25	0.00	1006.1
2 25	48.1	25.5	80	7.1	2.1	318	1.87	0.00	1011.1
2 26	25.5	14.5	72	11.3	4.3	272	9.75	0.00	1020.0
2 27	32.2	10.7	52	14.4	3.0	255	19.10	0.00	1020.9
2 28	47.8	18.6	46	17.1	5.1	228	18.11	0.00	1017.6
<b>Average</b>	<b>49.2</b>	<b>27.5</b>	<b>60</b>	<b>12.6</b>	<b>4.0</b>		<b>11.29</b>		<b>1015.8</b>
<b>Max</b>	<b>73.6</b>	<b>49.9</b>	<b>83</b>	<b>21.7</b>	<b>8.8</b>		<b>19.10</b>	<b>0.50</b>	<b>1027.1</b>
<b>Min</b>	<b>25.5</b>	<b>10.7</b>	<b>40</b>	<b>5.8</b>	<b>1.2</b>		<b>1.43</b>		<b>1000.7</b>
<b>Total</b>							<b>316.18</b>	<b>0.64</b>	

February 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)
2 1	40.9	36.5	40.6	37.7	64.0	30.7	30.1
2 2	37.7	34.8	37.9	35.5	64.0	21.2	30.1
2 3	41.9	36.1	41.0	36.5	64.0	14.0	39.4
2 4	38.2	34.9	38.8	35.7	64.0		24.7
2 5	38.1	34.4	37.6	34.9	63.0		30.1
2 6	39.4	35.9	38.9	36.2	63.0		34.5
2 7	38.8	35.2	38.3	35.7	62.0	13.9	30.7
2 8	42.2	35.0	40.9	35.5	62.0	14.1	44.1
2 9	42.4	38.1	41.6	38.2	61.0	10.5	46.4
2 10	41.5	37.5	41.2	38.5	62.0	32.4	33.8
2 11	40.1	35.0	39.6	35.9	61.0	20.8	33.2
2 12	41.4	36.3	40.6	36.7	61.0	12.3	39.6
2 13	41.5	35.0	40.5	35.8	60.0	11.8	33.7
2 14	41.1	34.9	40.2	35.6	59.0	9.6	41.7
2 15	44.0	37.9	42.9	38.2	59.0	8.7	43.2
2 16	44.9	37.2	43.4	37.9	59.0	8.5	43.0
2 17	44.7	36.2	43.3	37.3	58.0	8.4	41.6
2 18	44.5	38.4	43.4	38.8	58.0	7.8	49.4
2 19	46.7	43.7	45.7	43.0	61.0	22.5	53.7
2 20	46.6	42.7	45.8	43.2	64.0	34.1	42.0
2 21	43.2	41.4	43.2	41.8	65.0	19.5	36.6
2 22	46.7	40.1	45.4	40.5	63.0	15.1	39.4
2 23	46.8	39.5	45.6	40.2	62.0	10.1	46.4
2 24	49.3	41.8	47.6	42.1	61.0	7.6	57.2
2 25	46.6	41.2	46.4	41.8	60.0	10.1	33.1
2 26	41.2	36.6	41.8	38.6	60.0	12.0	17.9
2 27	38.9	35.4	39.7	36.7	59.0	10.9	20.7
2 28	39.7	34.4	39.6	35.4	59.0	7.3	32.0
<b>Average</b>	<b>42.5</b>	<b>37.4</b>	<b>41.8</b>	<b>38.0</b>	<b>61.4</b>	<b>15.0</b>	<b>37.4</b>
<b>Max</b>	<b>49.3</b>	<b>43.7</b>	<b>47.6</b>	<b>43.2</b>	<b>65.0</b>	<b>34.1</b>	<b>57.2</b>
<b>Min</b>	<b>37.7</b>	<b>34.4</b>	<b>37.6</b>	<b>34.9</b>	<b>58.0</b>	<b>7.3</b>	<b>17.9</b>

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

Prairie Fork Conservation Area Soil Temperature Chart (February 2002)

