

Appendix 2 Climate Summaries

Monthly Long-Term Climate Summaries for Polebirdge, Olney, Kalispell, Polson, St. Ignatius, and Hot Springs

POLEBRIDGE, MONTANA (246615)													
Period of Record Monthly Climate Summary													
Period of Record : 7/ 1/1948 to 7/31/2000													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Average Max. Temperature (F)	28.1	35.9	42.6	53.3	63.5	70.8	79.5	79.1	68.6	54.9	37.9	29.6	53.6
Average Min. Temperature (F)	6.5	10.9	16.3	24.8	32	38.4	40.7	38.8	32	25.3	18.4	10.3	24.5
Average Total Precipitation (in.)	2.62	1.86	1.47	1.31	1.75	2.3	1.41	1.32	1.31	1.62	2.4	2.6	21.98
Average Total SnowFall (in.)	31.4	17.7	10.9	3.4	0.5	0.3	0	0	0.2	2.8	15.8	24.9	107.8
Average Snow Depth (in.)	19	22	19	5	0	0	0	0	0	0	3	11	7
Max. Temp.: 94.7% Min. Temp.: 94.1% Precipitation: 96.3% Snowfall: 91.1% Snow Depth: 92.1%													

OLNEY, MONTANA (246218)													
Period of Record Monthly Climate Summary													
Period of Record : 5/ 1/1962 to 3/31/2004													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Average Max. Temperature (F)	28.8	36.3	44.6	55.4	65.7	72.8	80.8	80.7	69.6	54.5	37.2	28.1	54.6
Average Min. Temperature (F)	12.5	14.2	20.6	27.0	33.9	40.6	43.0	41.5	34.1	26.5	21.4	14	27.4
Average Total Precipitation (in.)	2.64	1.85	1.43	1.30	2.16	2.93	1.61	1.30	1.26	1.38	2.32	2.31	22.49
Average Total SnowFall (in.)	31.7	18.2	12.8	2.6	0.1	0.2	0	0	0	1.3	15.8	32.7	115.4
Average Snow Depth (in.)	24	26	18	2	0	0	0	0	0	0	2	12	7
Max. Temp.: 91.4% Min. Temp.: 91.5% Precipitation: 91.1% Snowfall: 70.6% Snow Depth: 76.8%													

KALISPELL, MONTANA (244563)
Period of Record Monthly Climate Summary
Period of Record : 7/ 1/1948 to 3/31/2004

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Average Max. Temperature (F)	29.1	37.3	44.2	56.1	66.3	74.1	81.9	80.7	69.6	55.6	40.6	32.2	55.6
Average Min. Temperature (F)	14.4	20.8	23.8	32.3	40	46.3	50.2	49.3	41.3	33	25.6	19.3	33.0
Average Total Precipitation (in.)	1.41	0.93	0.87	0.99	1.69	1.99	1.13	1.57	1.06	1.04	1.14	1.35	15.18
Average Total SnowFall (in.)	16.8	8.9	6.2	1.5	0.1	0	0	0	0	0.9	7.4	15.8	57.7
Average Snow Depth (in.)	7	7	2	0	0	0	0	0	0	0	1	3	2

7 % of possible obs. for period of record.

Max. Temp.: 93.1% Min. Temp.: 93.2% Precipitation: 93.5% Snowfall: 59.2% Snow Depth: 52.6%

POLSON, MONTANA (246635)
Period of Record Monthly Climate Summary
Period of Record : 7/ 1/1906 to 3/31/2004

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Average Max. Temperature (F)	31.3	36.5	45.1	56	65	72.8	82.1	80.8	68.9	56.4	41.5	33.9	55.9
Average Min. Temperature (F)	19.2	21.9	27.2	34.3	40.8	47.7	53	52.1	44.2	36.1	27.7	22.5	35.6
Average Total Precipitation (in.)	1.02	0.86	0.95	1.23	1.92	2.26	1.05	1.09	1.36	1.16	1.20	1.17	15.28
Average Total SnowFall (in.)	8.5	3.9	2.6	0.3	0	0	0	0	0	0.3	2.9	6.6	25.1
Average Snow Depth (in.)	5	4	1	0	0	0	0	0	0	0	1	3	1

1 Percent of possible observations for period of record.

Max. Temp.: 85% Min. Temp.: 85.1% Precipitation: 85.7% Snowfall: 37.7% Snow Depth: 38.5%

HOT SPRINGS, MONTANA (244297)													
Period of Record Monthly Climate Summary													
Period of Record : 8/ 2/1969 to 4/30/1991													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Average Max. Temperature (F)	33.4	39.6	48.6	58.7	67.2	76.1	85	84.3	72.8	59.3	42.9	33.7	58.5
Average Min. Temperature (F)	16.6	20.8	25.5	31.4	38.6	45.3	49.5	48.4	39.7	31	24.6	17.5	32.4
Average Total Precipitation (in.)	1.82	1.2	0.94	0.83	1.62	1.58	1.05	0.85	0.97	0.88	1.44	1.52	14.71
Average Total SnowFall (in.)	10.1	9.5	6.1	0.6	0	0	0	0	0	0.5	4.7	6.6	38.1
Average Snow Depth (in.)	1	1	1	0	0	0	0	0	0	0	0	1	0
													0 Percent of possible observations for period of record.
Max. Temp.: 90.3% Min. Temp.: 89.4% Precipitation: 89.4% Snowfall: 65.5% Snow Depth: 52.4%													