

**SUMMARY OF CLIMATOLOGICAL OBSERVATION  
2009  
LANGDON RESEARCH EXTENSION CENTER  
Langdon, North Dakota**

Month	* Precipitation			* Snowfall			** Heating Degree Days			** Cooling Degree Days			*** Evaporation(in)		
	2009	Normal	Depar.	2009	Normal	Depar.	2009	Normal	Depar.	2009	Normal	Depar.	2009	Normal	Depar.
Jan.	0.20	0.62	- 0.42	4.50	7.22	- 2.72	2112.5	1975	+ 137.5	--	--	--	--	--	--
Feb.	0.65	0.55	+ 0.10	6.50	5.41	+ 1.09	1671.0	1632	+ 39.0	--	--	--	--	--	--
Mar.	0.93	0.77	+ 0.16	6.80	6.82	- 0.02	1558.0	1411	+147.0	--	--	--	--	--	--
Apr.	1.63	1.23	+ 0.40	5.00	2.94	+ 2.06	900.0	795	+ 105.0	--	--	--	--	--	--
May	2.59	2.24	+ 0.35	0.00	0.53	- 0.53	550.0	431	+ 119.0	0.0	6.0	- 6.0	--	--	--
June	4.81	3.21	+ 1.60	--	--	--	218.5	163	+ 55.5	46.5	43.0	+ 3.5	4.81	6.68	- 1.87
July	3.46	2.87	+ 0.59	--	--	--	92.5	41	+ 51.5	24.0	94.0	- 70.0	7.21	6.99	+ 0.22
Aug.	1.53	2.62	- 1.09	--	--	--	121.5	84	+ 37.5	43.0	93.0	- 50.0	4.08	6.02	- 1.94
Sept.	2.44	1.97	+ 0.47	--	--	--	111.5	326	-214.5	51.5	11.0	+ 40.5	4.8	3.95	+ 0.85
Oct.	1.91	1.22	+ 0.69	4.00	2.02	+ 1.98	878.0	654	+ 224.0	--	--	--	--	--	--
Nov.	0.00	0.78	- 0.78	0.00	6.54	- 6.54	930.5	1224	- 293.5	--	--	--	--	--	--
Dec.	1.08	0.57	+ 0.51	19.90	6.87	+ 13.03	1908.5	1745	+ 163.5	--	--	--	--	--	--
Yearly Total	21.23	18.65	+ 2.58	46.70	38.35	+ 8.35	11052.5	10481	+ 571.5	165.0	247.0	- 82.0	20.9	23.64	- 2.74

Month	* Avg. Air Temp		
	2009	Normal	Depar.
Jan.	-3.1	1.7	- 4.8
Feb.	5.3	7.0	- 1.7
Mar.	14.7	20.5	- 5.8
Apr.	35.0	38.2	- 3.2
May	47.3	51.5	- 4.2
June	59.3	60.8	- 1.5
July	62.8	66.1	- 3.3
Aug.	62.5	64.4	- 1.9
Sept.	63.0	54.3	+ 8.7
Oct.	36.7	41.6	- 4.9
Nov.	34.0	23.5	+ 10.5
Dec.	3.4	8.0	- 4.6
Total	35.08	36.47	- 1.39

\*Normal Temperatures, Precipitation, and Snowfall based on Climatological Records at Langdon Research Extension Center, 1896-09.

\*\*Heating and Cooling Degree Days, base 65 degrees F., base period; 1941-70, Langdon.

\*\*\*Evaporation Data as recorded from a "Free Water Surface" Official National Weather Service evaporation pan, Langdon. (Recorded during non-freezing months only.) Reading began May, 1974.