

## **Appendix A**

### **Climate Stations in Labrador**

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id #	Station Name	Lat		Long		Elev. (m)	Start		Finish		Observing Program **														
		deg	min	deg	min		(yr)	(mo)	(yr)	(mo)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
8500036	ALEXS RIVER (AUT)	52	38	56	52	48	1990	11				H													
8500200	ASHUANIFI	52	32	06	14	546	1948	10	1950	11	X	D	X	X		B									
8500200	ASHUANIFI	52	32	06	14	546	1950	11	1950	12	X	D	X	X											
8500200	ASHUANIFI	52	32	06	14	546	1950	12	1951	1		D													
8500395	BATTLE HARBOUR	52	17	55	35	15	1947	9	1952	1		D	X	X											
8500395	BATTLE HARBOUR	52	17	55	35	15	1952	3	1956	9			X	X											
8500395	BATTLE HARBOUR	52	17	55	35	15	1957	6	S	1963	6			X	X										
8500396+	BATTLE HARBOUR LOR																								
8500396+	BATTLE HARBOUR LORAN	52	15	55	36	9	1957	10	1958	10	X	X	X	X		B									
8500396+	BATTLE HARBOUR LORAN	52	15	55	36	9	1958	10	1967	8	X	X	X	X											
8500396+	BATTLE HARBOUR LORAN	52	15	55	36	17	1967	8	1967	12	X	X	X	X											
8500396+	BATTLE HARBOUR LORAN	52	15	55	36	17	1968	1	1968	3	X	D	X	X											N
8500396+	BATTLE HARBOUR LORAN	52	15	55	36	17	1968	4	1968	12	X	X	X	X											N
8500396+	BATTLE HARBOUR LORAN	52	15	55	36	17	1969	1	1969	4	X	D	X	X											N
8500396+	BATTLE HARBOUR LORAN	52	15	55	36	17	1969	4	1969	7	X	X	X	X											N
8500396+	BATTLE HARBOUR LORAN	52	15	55	36	9	1969	8	1971	8	X	X	X	X											N
8500396+	BATTLE HARBOUR LORAN	52	15	55	36	9	1971	8	1971	12	X	X	X	X	X										N
8500396+	BATTLE HARBOUR LOR	52	15	55	36	9	1972	1	1983	10	X	X	X	X	X										N
8500400	BATTLE HARBOUR MARYS	52	19	55	50	6	1956	11	W	1983	5			X	X										
8500500	BELLE ISLE	51	53	55	23	130	1871	8	1882	2			X	X											
8500500	BELLE ISLE	51	53	55	23	130	1882	2	1882	10				X											
8500500	BELLE ISLE	51	53	55	23	130	1882	10	1883	8			X	X											
8500500	BELLE ISLE	51	53	55	23	130	1883	8	1909	10	X	D	X	X											
8500500	BELLE ISLE	51	53	55	23	130	1910	8	1914	7	X	D	X	X											
8500500	BELLE ISLE	51	53	55	23	130	1916	12	1919	12	X	D	X	X											
8500500	BELLE ISLE	51	53	55	23	130	1920	8	1933	6	X	D	X	X											
8500500	BELLE ISLE	51	53	55	23	130	1933	11	1956	9	X	D	X	X											
8500500	BELLE ISLE	51	53	55	23	130	1956	9	1957	12	X	D	X	X		B									
8500500	BELLE ISLE	51	53	55	23	130	1957	12	1960	10	X	D	X	X											
8500500	BELLE ISLE	51	53	55	23	130	1960	10	1960	12	X	D	X	X		B									
8500500	BELLE ISLE	51	53	55	23	130	1960	12	1962	4	X	D	X	X											
8500500	BELLE ISLE	51	53	55	23	130	1962	4	1963	3	X	D	X	X		B									
8500500	BELLE ISLE	51	53	55	23	130	1963	3	1964	10	X	D	X	X											
8500500	BELLE ISLE	51	53	55	23	130	1964	10	1964	12	X	D	X	X		B									
8500500	BELLE ISLE	51	53	55	23	130	1964	12	1965	11	X	D	X	X											
8500500	BELLE ISLE	51	53	55	23	130	1965	12	1969	12	X	D	X	X											N
8500500	BELLE ISLE	51	53	55	23	130	1969	12	1970	1			X	X											N
8500535	BIG BAY	55	44	60	25	278	1992	10	1993	4	H	H													
8500815	CACHE RIVER	53	12	62	14	366	1971	10	1977	10						S									
8500900	CAPE HARRISON	54	46	58	27	10	1943	11	1950	12	X	D	X	X											
8500900	CAPE HARRISON	54	46	58	27	10	1950	12	1951	5	X	D	X	X		B									
8500900	CAPE HARRISON	54	46	58	27	10	1951	6	1954	8	X	X	X	X		B									
8500900	CAPE HARRISON	54	46	58	27	10	1954	8	1955	10	X	X	X	X											
8500900	CAPE HARRISON	54	46	58	27	10	1955	10	1961	12	X	X	X	X		B									
8500920	CAPE KAKIVIAK	59	59	64	9	555	1992	10			H	H													
8500926	CAPE KIGLAPAIT	57	8	61	28	833	1992	10			H	H													
8501100	CARTWRIGHT	53	43	57	1	10	1934	11	1936	11	X	D	X	X											
8501100	CARTWRIGHT	53	43	57	1	10	1937	8	1937	10	X	D	X	X											
8501100	CARTWRIGHT	53	43	57	1	10	1937	10	1950	6	X	D	X	X		B									
8501100	CARTWRIGHT	53	43	57	1	10	1950	6	1963	5	X	D	X	X											
8501100	CARTWRIGHT	53	43	57	1	10	1963	6	1963	9	X	X	X	X											
8501100	CARTWRIGHT	53	42	57	2	14	1963	10	1973	7	X	X	X	X											N
8501100	CARTWRIGHT	53	42	57	2	14	1973	7			X	X	X	X						S					N
8501130	CHURCHILL FALLS	53	33	64	6	435	1992	7	1993	2		H													
8501130	CHURCHILL FALLS	53	33	64	6	435	1993	2	1993	2	H	H													
8501130	CHURCHILL FALLS	53	33	64	6	435	1993	2	1993	3	H	G													
8501130	CHURCHILL FALLS	53	33	64	6	435	1993	3			H	H													
8501132	CHURCHILL FALLS A	53	33	64	6	440	1968	11	1972	6	X	X	X	X	X				S				V		N
8501132	CHURCHILL FALLS A	53	33	64	6	440	1972	6	1975	8	X	X	X	X	X			A	S				V		N
8501132	CHURCHILL FALLS A	53	33	64	6	440	1975	8	1975	9	X	D	X	X	X			A	S				V		N
8501132	CHURCHILL FALLS A	53	33	64	6	440	1975	9	1976	12	X	X	X	X	X			A	S				V		N
8501132	CHURCHILL FALLS A	53	33	64	6	440	1976	12	1977	1	X	D	X	X	X			A	S				V		N
8501132	CHURCHILL FALLS A	53	33	64	6	440	1977	2	1992	5	X	X	X	X	X			A	S				V		N
8501132	CHURCHILL FALLS A	53	33	64	6	440	1992	5	1992	9	X	X	X	X	X			A	S						N
8501132	CHURCHILL FALLS A	53	33	64	6	440	1992	9	1992	10	X	X	X	X	X				S						N
8501132	CHURCHILL FALLS A	53	33	64	6	440	1992	10	1993	2	X	X	X	X	X				S						N
8501132	CHURCHILL FALLS A	53	33	64	6	440	1993	2	1993	3	X	D	X	X	X				S						N
8501420	DAVIS INLET						1902	12	1903	9			X	X											
8501547	ESKER	53	52	66	25	494	1971	9								S									
8501548	ESKER 2	53	52	66	25	488	1972	11	1977	3			X	X		B									
8501548	ESKER 2	53	52	66	25	488	1977	3	1977	11			X	X											
8501548	ESKER 2	53	52	66	25	488	1977	11	1978	8			X	X		B									
8501615	FORTEAU	51	28	56	58		1871	9	1878	9			X	X											
8501615	FORTEAU	51	28	56	58		1888	1	1888	12			X												
8501896	GOOSE	53	18	60	21		1963	9	1967	7															A

Id #	Station Name	Lat		Long		Elev. (m)	Start		Finish		Observing Program **														
		deg	min	deg	min		(yr)	(mo)	(yr)	(mo)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
8501896	GOOSE	53	18	60	21	37	1987	7	1987	7															A
8501896	GOOSE	53	18	60	22	37	1987	7	1988	10															A
8501900	GOOSE A	53	19	60	25	46	1941	12	1942	1	X	D	X	X											
8501900	GOOSE A	53	19	60	25	46	1942	1	1942	4	X	D	X	X											
8501900	GOOSE A	53	19	60	25	46	1942	5	1944	7	X	X	X	X		B									
8501900	GOOSE A	53	19	60	25	46	1944	7	1961	5	X	X	X	X		B		S							
8501900	GOOSE A	53	19	60	25	46	1961	5	1961	8	X	X	X	X	X	B		S							
8501900	GOOSE A	53	19	60	25	46	1961	9	1966	4	X	X	X	X	X	B		S							N
8501900	GOOSE A	53	19	60	25	46	1966	4	1966	10	X	X	X	X	X			S							N
8501900	GOOSE A	53	19	60	25	46	1966	10	1977	7	X	X	X	X	X		D	S							N
8501900	GOOSE A	53	19	60	25	46	1977	7	1978	8	X	X	X	X	X		D	S							N
8501900	GOOSE A	53	19	60	25	46	1978	8	1982	12	X	X	X	X	X		D	A	S						C
8501900	GOOSE A	53	19	60	25	46	1982	12	1988	4	X	X	X	X	X		D	A	S						N
8501900	GOOSE A	53	19	60	25	46	1988	4			X	X	X	X	X		D	A	S						N
8501905	GOOSE BAY B	53	11	60	23	11	1988	8																	A
8501907	GOOSE BAY RADAR	53	18	60	32	272	1983	7																	
8501910+	GOOSE UA																								
8501910+	GOOSE RAWINSONDE	53	18	60	27	44	1947	1	1954	11															X
8501910+	GOOSE RAWINSONDE	53	18	60	27	44	1954	11	1962	1										A					X
8501910+	GOOSE RAWINSONDE	53	18	60	27	44	1962	1	1962	2										A	O	X			X
8501910+	GOOSE RAWINSONDE	53	18	60	27	44	1962	2	1962	5										A	O	X			X
8501910+	GOOSE RAWINSONDE	53	18	60	27	44	1962	6	1970	1										K	O	X			X
8501910+	GOOSE RAWINSONDE	53	18	60	22	38	1970	2	1973	12										K	O	X			X
8501910+	GOOSE UA	53	18	60	22	38	1974	1	1988	10										K	O	X			X
8501910+	GOOSE UA	53	18	60	22	38	1988	10												K	O	X			X
8502056	GREENLY ISLAND	51	22	57	11		1883	1	1883	4			X												
8502059	GULL ISLAND	53	0	61	30	120	1975	11	1976	7			X	X											
8502059	GULL ISLAND	53	0	61	30	120	1976	11	1977	5						S									
8502200	HEBRON	58	13	62	35	8	1947	8	1947	12		D	X	X											
8502200	HEBRON	58	13	62	35	8	1947	12	1955	10			X	X											
8502200	HEBRON	58	13	62	35	8	1956	3	1956	6			X	X											
8502200	HEBRON	58	13	62	35	8	1957	1	1957	7			X	X											
8502400+	HOPEDALE (AUT)																								
8502400+	HOPEDALE	55	27	60	14	12	1942	1	1944	5	X	D	X	X											
8502400+	HOPEDALE	55	27	60	14	12	1944	5	1945	7	X	D	X	X		B									
8502400+	HOPEDALE	55	27	60	14	12	1945	7	1946	7	X	D	X	X											
8502400+	HOPEDALE	55	27	60	14	12	1946	9	1947	11	X	D	X	X		B									
8502400+	HOPEDALE	55	27	60	14	12	1947	11	1948	7	X	D	X	X											
8502400+	HOPEDALE	55	27	60	14	12	1948	7	1952	8	X	D	X	X		B									
8502400+	HOPEDALE	55	27	60	14	12	1952	8	1963	6	X	D	X	X											
8502400+	HOPEDALE	55	27	60	14	12	1963	6	1964	1	X	X	X	X											
8502400+	HOPEDALE	55	27	60	14	12	1964	2	1964	8	X	X	X	X											N
8502400+	HOPEDALE (AUT)	55	27	60	14	12	1966	10	1968	11	H	H													
8502400+	HOPEDALE (AUT)	55	27	60	14	10	1968	11	1969	1	H	H													
8502400+	HOPEDALE (AUT)	55	27	60	13	10	1969	1			H	H													
8502485	KEPIMITS LAKE	52	42	64	51	518	1971	10	1990	9						S									
8502485	KEPIMITS LAKE	52	42	64	51	518	1991	5	1991	8						S									
8502485	KEPIMITS LAKE	52	42	64	51	518	1992	6								S									
8502510	LAKE MELVILLE JULIA PT	53	50	59	37	61	1973	1	1974	5						S									
8502561	LITTLE MECATINA RIV (AUT)	52	14	61	19	321	1991	10				H													
8502589	MAKKOVIK	55	5	59	11	13	1963	1	1963	10			X	X											N
8502589	MAKKOVIK	55	5	59	11	13	1963	10	1964	8			X	X			D								N
8502589	MAKKOVIK	55	5	59	11	13	1964	8	1965	3			X	X											N
8502NHR	MAKKOVIK A	55	5	59	11	68	1985	12	1988	9		D	X	X				S							N
8502NHR	MAKKOVIK A	55	5	59	11	68	1988	9				D	X	X				S							N
85085HR	MAKKOVIK (AUT)	55	5	59	10	68	1985	11	1986	10	H	H													
85085R1	MARY'S HARBOUR	52	18	55	50		1988	10	1991	10			G												
85085R1	MARY'S HARBOUR	52	18	55	50	10	1991	10					G												
8502591+	MARY'S HARBOUR A																								
8502591+	MARY'S HARBOUR	52	18	55	50	8	1983	10	1988	2	X	X	X	X	X										N
8502591+	MARY'S HARBOUR	52	18	55	50	8	1988	2	1988	10	X	D	X	X	X										N
8502591+	MARY'S HARBOUR	52	18	55	50	8	1988	10	1991	10	X	D	X	X	X		U								N
8502591+	MARY'S HARBOUR	52	18	55	50	10	1991	10	1992	7	X	D	X	X	X										N
8502591+	MARY'S HARBOUR	52	18	55	50	10	1992	7	1992	12	X	D	X	X	X										N
8502591+	MARY'S HARBOUR A	52	18	55	50	10	1992	12			X	D	X	X	X		U								N
8502656	MCKENZIE RIVER STATION	54	34	65	33	518	1972	10	1976	10						S									
8502600	MENIHEK RAPIDS	54	28	66	37	489	1952	4	1953	12		D	X	X											
8502600	MENIHEK RAPIDS	54	28	66	37	489	1954	8	1960	4			X	X											
8502600	MENIHEK RAPIDS	54	28	66	37	489	1960	10	1961	4			X	X											
8502700	MILE 163	52	16	65	41	601	1952	7	1952	8	X	D	X	X											
8502700	MILE 163	52	16	65	41	601	1952	8	1953	4	X	D	X	X		B									
8502700	MILE 163	52	16	65	41	601	1953	4	1953	5	X	D	X	X											
8502750	MILE 224	52	56	66	14	533	1955	3	1955	10			X	X											
8502799	NAIN	56	33	61	41	7	1991	9					G												
8502800+	NAIN A																								

Id #	Station Name	Lat		Long		Elev. (m)	Start		Finish (yr) (mo)	Observing Program **														
		deg	min	deg	min		(yr)	(mo)		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
9502800+	NAIN	56	33	61	41	6	1926	11	1930	12	X	D	X	X										
9502800+	NAIN	56	33	61	41	6	1932	8	1932	12	X	D	X	X										
9502800+	NAIN	56	33	61	41	6	1932	12	1933	7			X	X										
9502800+	NAIN	56	33	61	41	6	1935	9	1937	3	X	D												
9502800+	NAIN	56	33	61	41	6	1937	3	1937	8	X	D	X	X										
9502800+	NAIN	56	33	61	41	6	1937	8	1938	2	X	D												
9502800+	NAIN	56	33	61	41	6	1939	1	1942	3			X	X										
9502800+	NAIN	56	33	61	41	6	1942	3	1943	10	X	D	X	X										
9502800+	NAIN	56	33	61	41	6	1943	10	1945	1	X	D												
9502800+	NAIN	56	33	61	41	6	1945	1	1945	12	X	D	X	X										
9502800+	NAIN	56	33	61	41	6	1945	12	1947	6	X	D												
9502800+	NAIN	56	33	61	41	6	1947	8	1954	10			D	X	X									
9502800+	NAIN	56	32	61	42	4	1969	11	1975	11			X	X										
9502800+	NAIN A	56	33	61	41	6	1984	9	1991	9	X	X	X	X			D							N
9502800+	NAIN A	56	33	61	41	6	1991	9	1991	9	X	D	X	X			D							N
9502800+	NAIN A	56	33	61	41	6	1991	9	1992	7	X	D	X	X										N
9502800+	NAIN A	56	33	61	41	6	1992	7			X	D	X	X	X									N
9502875	NORTH WEST RIVER	53	32	60	9	61	1901	2	1901	6			X	X										
9502875	NORTH WEST RIVER	53	32	60	9	61	1906	2	1906	6			X	X										
9502875	NORTH WEST RIVER	53	32	60	9	61	1906	12	1915	9			X	X										
9502875	NORTH WEST RIVER	53	32	60	9	61	1918	9	1923	11			X	X										
9502875	NORTH WEST RIVER	53	32	60	9	61	1934	9	1936	7	X	D	X	X										
9502875	NORTH WEST RIVER	53	32	60	9	61	1941	10	1942	6	X	D	X	X										
9502875	NORTH WEST RIVER	53	32	60	9	61	1972	12	W 1973	1			X	X										
9502875	NORTH WEST RIVER	53	32	60	9	61	1973	1	W 1973	5			X	X	S									
9502875	NORTH WEST RIVER	53	32	60	9	61	1973	5	W 1974	1			X	X	S									
9502876	NORTH WEST RIVER	53	31	60	9	4	1984	10	1985	5			X	X										N
9502900	NUTAK	57	28	61	50	2	1948	1	1952	2		D	X	X										
9502900	NUTAK	57	28	61	50	2	1952	10	1963	2			X	X										
9502918	ORMA LAKE	54	9	64	10	482	1972	10						S										
9502960	POINT AMOUR	51	28	56	51	47	1889	7	1919	3			X	X										
9502960	POINT AMOUR	51	28	56	51	47	1919	10	1919	12			X	X										
9502960	POINT AMOUR	51	28	56	51	47	1921	1	1929	12			X	X										
9502960	POINT AMOUR	51	28	56	51	47	1930	7	1935	12			X	X										
9503018	PORT HOPE SIMPSON	52	32	56	18	10	1963	10	1968	1			X	X			B	D						N
9503081	RED BAY	51	44	56	26	18	1990	7					X	X										
9503090	RIGOLET	54	11	58	26	6	1973	1	1973	2			X	X					S					
9503090	RIGOLET	54	11	58	26	31	1973	9	1973	10			X	X					S					
9503090	RIGOLET	54	11	58	26	31	1973	10	1975	11			X	X			B		S					
9503100	ROSS BAY	52	59	66	14	554	1953	6	1953	12	X	D	X	X			B							
9503200	ROSS BAY BNC	53	2	66	14	549	1954	12	1954	12			X	X										
9503249	SAGLEK	58	20	62	35	511	1989	4	1993	4	X	C	X	X										
9503249	SAGLEK	58	20	62	35	511	1993	4	1993	9	X	D	X	X										
9503249	SAGLEK	58	20	62	35	511	1993	9	1993	10	X	D												
9503249	SAGLEK	58	20	62	35	511	1993	10	1993	11			D											
9503249	SAGLEK	58	20	62	35	511	1993	11	1993	11	H	H												
9503249	SAGLEK	58	20	62	35	483	1993	11			H	H												
9503250	SAGLEK	58	29	62	39	21	1955	1	1960	6	X	D	X	X										
9503252	SAGLEK A	58	28	62	39	83	1989	6	1991	3			D											
9503252	SAGLEK A	58	28	62	39	83	1991	3	1993	9			J											
9503630	SANDGIRT LAKE	53	50	65	30	453	1939	4	1939	6			X	X										
9503630	SANDGIRT LAKE	53	50	65	30	453	1939	7	1940	7			X											
9503630	SANDGIRT LAKE	53	50	65	30	453	1942	4	1942	11	X	D	X	X			B							
9503630	SANDGIRT LAKE	53	50	65	30	453	1943	5	1948	8	X	D	X	X										
9503992	TUKIALIK BAY	54	42	58	21	684	1982	10			H	H												
9504050	TWIN FALLS	53	30	64	30		1960	4	1963	6			X	X										
9504050	TWIN FALLS	53	30	64	31	483	1963	7	1963	10			X	X										
9504050	TWIN FALLS	53	30	64	31	483	1963	10	1967	9			X	X			B							
9504050	TWIN FALLS	53	30	64	31	483	1967	9	1967	10			X	X										
9504060	TWIN FALLS A	53	38	64	29	457	1967	10	1967	11	X	X	X	X	X			S						
9504060	TWIN FALLS A	53	38	64	29	457	1967	11	1968	11	X	X	X	X	X			S				X		
9504175	WABUSH LAKE A	52	56	66	52	551	1960	11	1962	9	X	X	X	X										
9504175	WABUSH LAKE A	52	56	66	52	551	1962	10	1972	9	X	X	X	X										N
9504175	WABUSH LAKE A	52	56	66	52	551	1972	9	1973	7	X	X	X	X				S						N
9504175	WABUSH LAKE A	52	56	66	52	551	1973	7			X	X	X	X	X			S						N
9504180	WABUSH SIGNALS	53	38	66	57		1959	9	1959	9			X											
9504216	WEST ST MODESTE	51	36	56	42	12	1990	9					X	X										
9504217	WEST ST MODESTE	51	35	56	43	15	1984	7	1987	4			X	X			B	D						
9504217	WEST ST MODESTE	51	35	56	43	15	1987	4	1987	5							D							

**Notes:**

**+ – indicates a cross reference**

**? – unknown**

**\* – column for seasonal observations**

**W – winter months**

**S – summer months**

**\*\* Observing Program:**

**1. X – 3 or 6 hourly manned synoptic observations**

**H – 3 or 6 hourly automatic synoptic observations**

**2. X, B, C, D, E, F, G, H, J**

**– hourly weather – no precipitation data**

**3. X – maximum and minimum daily temperature**

**4. X – daily precipitation amounts**

**5. X, S, B, W, V – rate of precipitation**

**6. B, U – hourly wind speed and direction**

**7. D, G – morning and afternoon soil temperature at 6 depths**

**8. A, R – daily evaporation**

**9. R, S – daily sunshine in hours**

**10. A, B, C, D, E, F, G, H, J, K, L, M, N – hourly radiation**

**11. T, S, O – ozone observations**

**12. X, W, T – twice daily readings of upper atmospheric parameter(s)**

**13. V, X – weekly or bimonthly measurements of snow water equivalent**

**14. T, A, C, B, P, G, H, J – air quality 3 times daily (turbidity, etc)**

**15. N – daily Nipher snow gauge measurements in mm of water equivalent**