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Modern Arctic Podocopid Ostracode Database

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INTRODUCTION

Ostracodes form a group of small, benthic crustaceans with a bivalved calcareous carapace that is readily fossilized. Ostracodes respond to ambient aquatic conditions and are especially valuable in paleoenvironmental reconstructions. Marine ostracodes are useful in determining water mass characteristics because of the sensitivity of species to environmental parameters such as water temperature, dissolved oxygen, and salinity. Until recently, however, most attempts to apply ostracodes to paleoceanographic problems have been hampered by inconsistent taxonomy, limited analysis of modern material, and qualitative methodology.

Recent studies have developed large sample data bases for modern shallow water marine ostracodes from the western North Atlantic (Cronin and Dowsett, 1990) and for deep water environments from the Atlantic (Dingle and Lord, 1990) which are suitable for application to large scale paleoceanographic problems. This report describes a new data base of modern ostracode species that is being developed for application to paleoceanographic conditions of the Arctic Ocean and surrounding high latitude seas.

The Neogene paleoceanographic history of the Arctic Ocean and adjacent high latitude seas is poorly known, in part because Arctic planktic foraminifer assemblages are absent in shallow water Neogene-Quaternary deposits and absent or monospecific in the few available Arctic Ocean cores. Ostracodes, in contrast, are common and often diverse in shallow (McDougall and others, 1986; Repenning and others, 1987; Brouwers and others, 1991) and deep water (Joy and Clark, 1977; Clark and others, 1990) Neogene and Quaternary deposits, and many species are restricted to specific environments and distinct water masses. In order to develop a standardized data base of ostracode species abundances and the zoogeographic and bathymetric distribution of species in the Arctic Ocean and surrounding seas, each of us assembled and re-studied the modern ostracode samples available in our collections to produce a **M**odern **A**rctic **O**stracode **D**atabase (MAOD). We are including in MAOD published data from Joy and Clark (1977) and from Penney (1989). This report describes the contents of the MAOD for samples from shallow water environments of Northern Hemisphere high latitudes (Figure 1).

MATERIALS AND METHODS

The material for the MAOD comes from a number of sources of modern samples that were collected over the last 60 years, with most of the samples taken in the last 20 years. MAOD is divided into two Microsoft Macintosh EXCEL files: one file contains **lat**itude, **long**itude, water depth, and other locality information (the LATLONG file), and the second file contains **sp**ecies **oc**currences, or counts (the SPOC file). Appendices 1 and 2 consist of printouts of the LATLONG and SPOC files, respectively.

Column A of Appendix 1 gives the sample name and/or sample number. Column B denotes the summer bottom temperature for the locality, which was obtained from two types of sources: one source consists of unpublished oceanographic parameters that were measured in the region or actually at the sample location (items 3, 11, and 15 in Table 1), and a second source consists of physical oceanographic data from 22 published references given in Table 1. Column I

denotes the specific source of temperature given for a locality. Table 1 gives the full citation for the 22 published references. Summer bottom water temperatures (^{0}C) were obtained by identifying the temperature for the warmest time of the year, usually August, at a location and water depth close to the ostracode sample. In some cases, water temperature estimates were derived from multi-year averages, and in other cases only a single summer's values were used. In all cases, an attempt was made to obtain the most up-to-date water temperature estimate available for a sample location.

Column C in Appendix 1 gives the general region for the sample, and columns D and E give latitude (in degrees north) and longitude (in degrees; negative numbers denote the Western Hemisphere and positive numbers denote the Eastern Hemisphere), respectively. Column F provides the sample locality water depth in meters.

Most of the samples that we examined were originally collected as part of biological and/or sedimentological sampling programs on oceanographic cruises. Column G in Appendix 1 gives the source of the samples, which in turn are keyed to Table 2, which gives the cruise name and number and/or a reference in which sampling methods and cruise data are given. Column H gives the location of the author responsible for the sample, which in most cases is also the location of the micropaleontological slide containing the ostracodes from the sample (A = Aberystwyth, B = Boulder; D = Denver; R = Reston; O = other).

The 550 samples studied herein (329 samples in the MAOD SPOC file) were obtained from a wide variety of sampling programs for which there were thousands of samples available. We include in MAOD only those samples for which there was an adequate representation of ostracode population structure. A qualitative assessment of species populations based on the presence of the last two to three molt stages (see Whatley, 1983; Brouwers, 1988) or the more obvious presence of soft parts allowed us to determine that no samples were included in MAOD that show signs of major transport or reworking of fossil specimens.

MAOD SPECIES OCCURRENCES

Of the total 550 samples in the MAOD LATLONG file, we have identified the ostracode species from 329 shallow water samples, and we present the raw occurrence data (counts of individuals) for the SPOC file in Appendix 2. A total of 100 taxonomic categories (generally species) were tabulated, of which we used 99 categories in this report, and these categories are identified in Table 3 (the categories include "other" and "indeterminate"). The MAOD SPOC file has a total of 82,152 ostracode specimens. The file provides ample zoogeographical and ecological information for our quantitative analyses of Neogene and Quaternary paleoenvironments for high latitude deposits. In the future, the SPOC file will be expanded to include species occurrences in intermediate and deep water Arctic environments, and we are adding new shallow water samples from new areas as well.

TAXONOMIC NOTES

There is general consensus among the five authors and, indeed, among most ostracode taxonomists having experience in Arctic assemblages, about the identification of *most* shallow water high latitude species. This is due mainly

to the detailed taxonomic studies using scanning electron photomicrographs that have been published in the last 15 years (Neale and Howe, 1975; Whatley and Masson, 1979; McDougall and others, 1982; Whatley, 1982; Cronin, 1988; Penney, 1989) and others. Brief taxonomic notes about several of the ostracode taxa are given below.

Acanthocythereis dunelmensis. Two morphotypes are present in our data set, a large form and a small form. The two forms are lumped into one species for this study. A number of authors have recognized the two morphologies (Elofson, 1941; Athersuch and others, 1989), but they are not yet consistently differentiated and described.

Cluthia cluthae. A second species of *Cluthia* is suggested from the samples examined from Chesterfield Inlet, Hudson Bay.

Cytheromorpha macchesneyi. The relationship between *Pteroloxa* and *C. macchesneyi* should be examined in detail, as the general morphology and ecology of the two species suggests that they are congeneric. Gradational morphological variation in carapace ornament has been observed in *C. macchesneyi* between shallow and deeper water populations. The *C. macchesneyi* populations appear to intergrade with populations of *Pteroloxa*.

Cytheropteron spp. This is a diverse and generally well understood genus that is very common in high latitude temperate to frigid environments. Some additional work is required on the relationships between true arctic populations and related species or subspecies that live in subarctic and cold temperate areas.

Elofsonella concinna group. Abundant, well-preserved populations from Chesterfield Inlet show that there are two distinct species of *E. concinna*: *Elofsonella concinna* (called *E. concinna concinna* in the literature by some authors) and *Elofsonella neoconcinna* (called *E. concinna neoconcinna* in the published literature by some authors).

Finmarchinella angulata. This taxon is morphologically very closely related to *F. japonica*, as noted by Cronin and Ikeya (1987).

Semicytherura spp. This genus needs detailed study of several of the species complexes, particularly the relationship within the *S. affinis*, *S. mainensis*, and *S. undata* species groups.

Other. This category lumps together species of *Microcythere*, *Cytherois*, *Paracytherois*, *Sclerochilus*, and myodocopids.

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Table 1. Key to sources of physical oceanography data used in **MAOD LATLONG** file (Appendix 1, column B, and cited in column I).

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Table 2. Source of ostracode samples and/or species data (see Appendix 1, column G).

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6. *Alpha-Helix* 139 cruise, 1990, Bering Strait (samples courtesy of J. Grebmeier).
7. *M/V Petrel V* cruise, 1978, Chesterfield Inlet, Hudson Bay.
8. U.S. Coast Guard *Northwind* cruise, 1963 (U.S. Coast Guard Oceanographic report no. 6; Codispoti and Richards, 1968).
9. *Ernest Holt* cruise, 1963, Norwegian Sea.
10. *H.M.S. Vidal* cruise, 1955, Barents Sea.
11. Bedford Institute of Oceanography *Hudson* cruises to Beaufort Sea and other areas.
12. U.S. Coast Guard *Northwind* cruise, 1965, to Kara and Greenland Seas.
13. Ostracode samples studied by Joy and Clark (1977).
14. *R/V Sea Sounder* cruises, 1976 and 1978 to Norton Sound, Alaska, collected by C. Hans Nelson, U.S. Geological Survey.
15. Samples from western Beaufort Sea collected by Peter Barnes and Erk Reimnitz, U.S. Geological Survey, during 1971-1972, 1980-1982.
16. Bedford Institute of Oceanography *Parizeau* cruises 1970-1972.
0. Other sources.

Table 3. Ostracode taxonomic groups used in MAOD SPOC file. (B,C&R, 1874 refers to Brady, Crosskey and Robertson, 1874).

1	*Acanthocythereis dunelmensis*	(Norman, 1865)
2	*Argilloecia conoidea*	Sars, 1923
3	*Aurila convexa*	(Baird, 1850)
4	*Baffinicythere howei*	Hazel, 1967
5	*Bythocypris bosquetiana*	(Brady, 1866)
6	*Bythocythere constricta*	Sars, 1866
7	*Cluthia cluthae*	(B. C. & R., 1874)
8	*Cythere lutea*	Mueller, 1785
9	*Cytheretta teshekpukensis*	Swain, 1963
10	*Cytheromorpha macchesneyi*	(Brady & Crosskey, 1871)
11	*Cytheropteron alatum*	Sars, 1866
12	*Cytheropteron angulatum*	Brady & Robertson, 1872
13	*Cytheropteron arcticum*	Neale & Howe, 1973
14	*Cytheropteron arcuatum*	B. C. & R., 1874
15	*Cytheropteron biconvexum*	Whatley & Masson, 1979
16	*Cytheropteron champlainum*	Cronin, 1981
17	*Cytheropteron elaeni*	Cronin, 1988
18	*Cytheropteron excavoalatum*	Whatley & Masson, 1979
19	*Cytheropteron hamatum*	Sars, 1866
20	*Cytheropteron inflatum*	B. C. & R., 1874
21	*Cytheropteron latissimum*	(Norman, 1865)
22	*Cytheropteron montrosiense*	B. C. & R., 1874
23	*Cytheropteron nodoscalatum*	Neale & Howe, 1973
24	*Cytheropteron nodosum*	Brady, 1868
25	*Cytheropteron paralatissimum*	Swain, 1963
26	*Cytheropteron pararcticum*	Whatley & Masson, 1979
27	*Cytheropteron punctatum*	Brady, 1868
28	*Cytheropteron pyramidale*	Brady, 1868
29	*Cytheropteron sedovi*	Lev, 1969
30	*Cytheropteron simplex*	Whatley & Masson, 1979
31	*Cytheropteron sulense*	Lev, 1972
32	*Cytheropteron suzdalskyi*	Lev, 1972
33	*Cytheropteron pseudomontrosiense*	Whatley & Masson, 1979
34	*Cytheropteron tumefactum*	Lev, 1972
35	*Cytheropteron n. sp. B*	see Cronin, 1988
36	*Cytheropteron spp.*	
37	*Cytherura sp.*	
38	*Elofsonella concinna*	(Jones, 1857)
39	*Elofsonella neoconcinna*	Bassiouni, 1965
40	*Eucythere argus*	(Sars, 1866)
41	*Eucythere declivis*	(Norman, 1865)
42	*Finmarchinella barentzovoensis*	(Mandelstam, 1957)
43	*Finmarchinella finmarchica*	(Sars, 1866)
44	*Finmarchinella angulata*	(Sars, 1866)
45	*Finmarchinella logani*	(Brady & Crosskey, 1871)
46	*Hemicythere borealis*	(Brady, 1868)
47	*Hemicythere emarginata*	(Sars, 1866)
48	*Hemicythere villosa*	Sars, 1866
49	*Hemicytherura cellulosa*	(Norman, 1865)
50	*Hemicytherura clathrata*	(Sars, 1866)
51	*Heterocyprideis fascis*	(Brady & Norman, 1889)
52	*Heterocyprideis sorbyana*	(Jones, 1857)
53	*Hirschmannia viridis*	(Mueller, 1785)
54	*Jonesia simplex*	(Norman, 1865)
55	*Keijia? mananensis*	(Hazel & Valentine, 1969)
56	*Krithe glacialis*	B. C. & R., 1874
57	*Loxoconcha venepidermoidea*	Swain, 1963
58	*Muellerina abyssicola*	(Sars, 1866)
59	*Neonesidea inflata*	(Norman, 1862)
60	*Normanicythere leioderma*	(Norman, 1869)
61	*Palmenella limicola*	(Norman, 1865)
62	*Palmoconcha guttata*	(Norman, 1865)
63	*Paracyprideis pseudopunctillata*	Swain, 1963
64	*Paracytheridea norvegica*	Neale, 1972
65	*Paradoxostoma ensiforme*	Brady, 1868
66	*Paradoxostoma spp.*	
67	*Patagonacythere dubia*	(Brady, 1868)
68	*Patagonacythere robusta*	Tabuki, 1986
69	*Pectocythere sp.*	
70	*Pontocythere elongata*	(Brady, 1868)
71	*Pontocythere sp. A*	
72	*Pseudocythere caudata*	Sars, 1866
73	*Pteroloxa cumuloidea*	Swain, 1963
74	*Pterygocythereis mucronata*	(Sars, 1866)
75	*Rabilimis mirabilis*	(Brady, 1868)
76	*Rabilimis septentrionalis*	(Brady, 1866)
77	*Robertsonites tuberculatus*	(Sars, 1866)
78	*Roundstonia globulifera*	(Brady, 1868)
79	*Sarsicytheridea bradii*	(Norman, 1865)
80	*Sarsicytheridea macrolaminata*	(Elofson, 1939)
81	*Sarsicytheridea punctillata*	(Brady, 1865)
82	*Schizocythere sp.*	
83	*Sclerochilus contortus*	(Norman, 1861)
84	*Semicytherura aff. complanata*	(B. C. & R., 1874)
85	*Semicytherura affinis*	(Sars, 1866)
86	*Semicytherura complanata*	(B. C. & R., 1874)
87	*Semicytherura concentrica*	(B. C. & R., 1874)
88	*Semicytherura mainensis*	(Hazel & Valentine, 1969)
89	*Semicytherura nigrescens*	(Baird, 1838)
90	*Semicytherura rudis*	(Brady, 1868)
91	*Semicytherura sella*	(Sars, 1866)
92	*Semicytherura spp.*	
93	*Semicytherura striata*	(Sars, 1866)
94	*Semicytherura undata*	(Sars, 1866)
95	*Tetracytherura? sp. A*	
96	*Thaerocythere crenulata*	(Sars, 1866)
97	*Xestoleberis depressa*	Sars, 1866
98	Other	
99	Indeterminate	

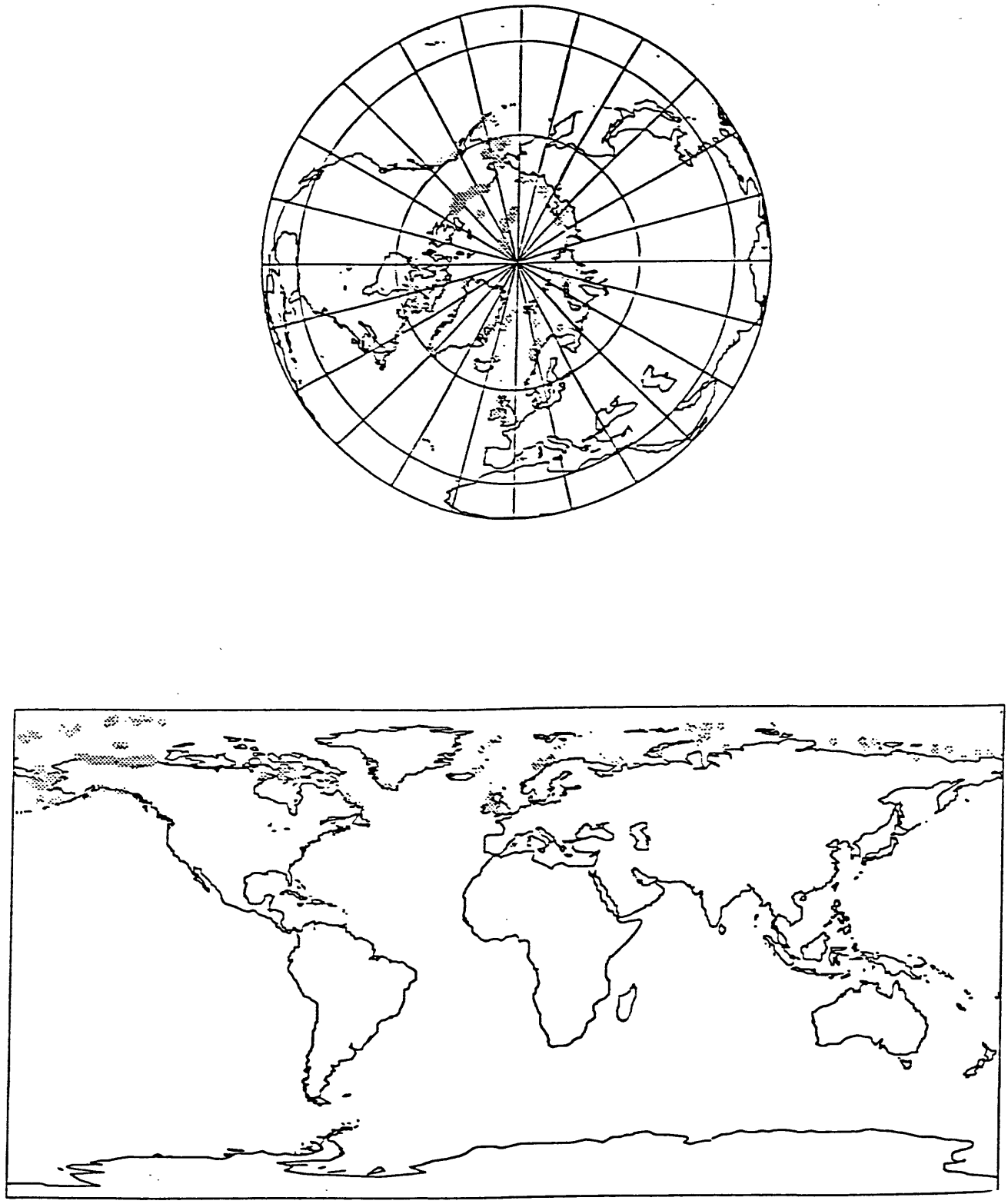

Figure 1. Locality map illustrating sites mentioned in this report.

Appendix 1. *Modern Arctic Ostracode Database latitude-longitude file* **(MAOD LATLONG file).** Column A, sample name and/or sample number; column B, summer bottom water temperature; column C, general region of sample; column D, latitude in degrees north; column E, longitude in degrees (negative numbers denote Western Hemisphere, positive numbers denote Eastern Hemisphere); column F, water depth in meters; column G, source of sample (see Table 2); column H, location of author responsible for sample (A=Aberystwyth, B=Boulder, D=Denver, R=Reston, O=other); column I, source of water temperature. Sample numbering in Appendix 1 does not correspond to sample numbers in Appendix 2. Bold numbers in column A indicates that raw data for that sample is given in Appendix 2.

Appendix 1. MAOD LATLONG File

	A	B	C	D	E	F	G	H	I
1	AW-OM1&2	11.5	English Channel	50.74	-2.38	1	O	A	11
2	AW-S745	12	St.Georges Chn.	52.41	-4.08	0	O	A	11
3	White Bear Hazel 18	9.4	Labrador	52.78	-56.12	1	2	R	1
4	AW-2399	10.5	Irish Sea	52.97	-4.77	7	1	A	11
5	AW-2839	10.5	Irish Sea	53.14	-4.67	44	1	A	11
6	AW-2365	11.1	Irish Sea	53.15	-6.02	40	1	A	11
7	AW-2789	11	Irish Sea	53.5	-6.03	18	1	A	11
8	AW-2905	10.5	Irish Sea	53.57	-5.7	87	1	A	11
9	AW-2904	10.5	Irish Sea	53.6	-5.67	81	1	A	11
10	AW-2375	10.8	Irish Sea	53.6	-6.09	24	1	A	11
11	AW-2819	11.7	Irish Sea	53.76	-5.82	55	1	A	11
12	AW-3143	10.5	Irish Sea	53.81	-7.87	146	1	A	11
13	S4-76-29	5	Bering Sea	54.13	-166.2	86	14	D	14
14	GV83033#45	0	Labrador	54.35	-57.5	55	2	R	1,7
15	GV83033#44	-1.6	Labrador	54.38	-56.93	137	2	R	1
16	S6-77-6	4.7	Bering Sea	54.8	-164.99	120	14	D	14
17	LA-81-NA-009	9	N.Aleutian I.	55.29	-169.9	70.5	0	R	10
18	AW-3101A	10.3	Malin Sea	55.44	-6.56	55	1	A	11
19	LA-81-NA-059	9	N.Aleutian I.	55.79	-163.25	86.6	0	R	10
20	AW-3161	11	Malin Sea	55.91	-7.57	128	1	A	7,11
21	AW-3154	9.7	Malin Sea	55.92	-7.78	170.1	1	A	11
22	S4-76-14	3	Bering Sea	56.23	-169.83	126	14	D	14
23	GV83033#30	2	Canada	56.9	-60.58	146	2	R	7
24	Alaska 66	9	Kodiak Shelf	57.92	-150.96	?	O	R	10
25	AW-IH25	9.4	Inner Hebrides	57.94	-6.24	90	O	A	11
26	DC-1-79-EG-1	12	Gulf of Alaska	59.08	-138.67	77	3	D	10
27	DC2-80-EG-73	13	Gulf of Alaska	59.46	-139.84	104	3	R	10
28	DC2-80-EG-186	13	Gulf of Alaska	59.56	-141.42	132	3	R	10
29	Bart. LT 29 Hazel 16	-1	Ungava Bay	60	-68	66	4	R	6
30	Bart.LT30	-1	Ungava Bay	60.13	-67.78	73	4	R	6
31	EGAL-75-KC-53	13	Gulf of Alaska	60.13	-146.87	156	3	R	10
32	BFM-78-1	12	PW Sound	60.29	-148.35	20	O	D	10
33	Ikerssauk 15	4.6	SW Greenland	60.83	-46.8	11	5	O	4
34	HX-139 NUN1	4	Bering Sea	60.87	-169	38	6	R	21
35	Ikerssauk 5	4	SW Greenland	60.93	-46.06	1	5	O	4
36	Ikerssauk #1	3.2	SW.Greenland	60.97	-46.53	8	5	O	4
37	Ikerssauk 2	5	SW Greenland	60.97	-46.53	6	5	O	4
38	Ikerssauk 4	5	SW Greenland	60.97	-46.25	15	5	O	4
39	HX-139 SIK7	4	Bering Sea	61.13	-170.54	51	6	R	21
40	HX-139 PUN3	4	Bering Sea	61.42	-167.83	27	6	R	21
41	HX-139 NUN3	4	Bering Sea	61.7	-169.23	40	6	R	21
42	HX-139 SLI2	2	Bering Sea	61.83	-171.76	55	6	R	20
43	HX-139 SIK5	4	Bering Sea	61.93	-170.35	44	6	R	21
44	HX-139 VNG1	1	Bering Sea	62.02	-175.05	79	6	R	20
45	HX-139 SMI6	2	Bering Sea	62.33	-172.58	55	6	R	20
46	HU85-027-89	0	Hudson Strait	62.45	-69.59	143	11	R	6,7
47	HX-139 SIK3	4	Bering Sea	62.46	-170.25	36	6	R	21
48	HX-139 SIK2	4	Bering Sea	62.73	-170.22	44	6	R	21
49	HX-139 NUN7	4	Bering Sea	62.8	-169.5	42	6	R	21
50	HX-139 SMI4	2	Bering Sea	62.8	-171.9	52	6	R	20
51	HX-139 SLI6	2	Bering Sea	62.87	-170.93	46	6	R	20
52	HX-139 SMI3	2	Bering Sea	62.97	-171.6	53	6	R	20
53	Bart. LT 22	2	Frobisher Bay	62.98	-67.47	34	4	R	6,7
54	Bart. Crystal.	2	Frobisher Bay	63	-67	26	4	R	6,7
55	GV82027-45	-1.3	Hudson Bay	63.02	-77.87	105	2	R	1,2
56	Chest. Inlet 11	2.16	Hudson Bay	63.09	-91.03	55	7	B	3
57	HX-139 SMI2	2	Bering Sea	63.13	-171.35	51	6	R	20
58	Bart. LT 21 Hazel 12	0	Frobisher Bay	63.17	-67.75	55	4	R	6,7
59	Bart. 20 LT 42 Hazel 11	0	Frobisher Bay	63.18	-67.83	146	4	R	6,7
60	K1-78-BS-22	8.8	Norton Sound	63.27	-163.25	8	14	D	15
61	SEA-5-76-156	8.8	Bering Sea	63.32	-165.33	17	14	D	15
62	HU85-027-76	0	Hudson Strait	63.35	-73	230	11	R	6
63	SEA-5-76-145	10	Norton Sound	63.35	-163.12	8	14	D	15

	A	B	C	D	E	F	G	H	I
64	Chest. Inlet 95a	-1	Hudson Bay	63.378	-90.6	52	7	B	2
65	Chest. Inlet 3	1.66	Hudson Bay	63.4	-90.8	55	7	R,B	3
66	Bart. LT 20 Hazel 10	0	Frobischer Bay	63.42	-68.32	101	4	R	6,7
67	Chest. Inlet 2	1.85	Hudson Bay	63.42	-90.75	74	7	B	3
68	Chest. Inlet 14	1.97	Hudson Bay	63.42	-91.15	91	7	B	3
69	Chest. Inlet 1	-1	Hudson Bay	63.43	-90.73	54	7	B	2
70	Chest. Inlet 7	1.24	Hudson Bay	63.46	-90.92	38	7	B	3
71	Chest. Inlet 6	1.2	Hudson Bay	63.47	-90.88	54	7	B	3
72	Chest. Inlet 5	0.67	Hudson Bay	63.48	-90.87	68	7	B	3
73	Chest. Inlet 4	1.09	Hudson Bay	63.49	-90.83	62	7	B	3
74	Chest. Inlet 9	-0.5	Hudson Bay	63.51	-90.97	58	7	B	2
75	S5-77-BS-29	10	Norton Sound	63.53	-165.73	?	14	D	15
76	SEA-5-75-169A	10	Bering Sea	63.58	-166.09	27	14	D	15
77	Chest. Inlet 15	1.99	Hudson Bay	63.59	-91.25	72	7	B	3
78	Chest. Inlet 17	1.26	Hudson Bay	63.61	-91.32	76	7	B	3
79	Chest. Inlet 18	2.04	Hudson Bay	63.61	-91.35	36	7	B	3
80	Chest. Inlet 16	0.83	Hudson Bay	63.62	-91.33	82	7	B	3
81	Chest. Inlet 20	1.46	Hudson Bay	63.66	-91.57	107	7	B	3
82	Chest. Inlet 19	1.32	Hudson Bay	63.68	-91.46	38	7	B	3
83	SEA-5-76-125A	12	Norton Sound	63.68	-161.22	14	14	D	10
84	GV82027-67	-1.5	Hudson Bay	63.8	-77.83	250	2	R	2
85	SEA 5-125A	11	Norton Sound	64	-162.42	18	14	R	15
86	HU81-045-20		Baffin Bay	73.76	81.5	260	11	R	
87	S5-77-BS-17	11	Norton Sound	64.08	-165.48	18	14	R	15
88	Bart. Coral harbor	4	Hudson Bay	64.13	-83.07	30	4	R	2
89	S5-77-BS-16	10	Norton Sound	64.15	-165.39	?	14	D	15
90	S5-77-BS-18	10	Norton Sound	64.18	-165.53	?	14	D	15
91	Bartlett 98	-0.5	Foxe Channel	64.2	-76.5	25	4	R	5
92	Bartlett 97	0.5	Foxe Channel	64.2	-76.5	25	4	R	5
93	S5-77-BS-27	11	Norton Sound	64.22	-164.34	?	14	D	15
94	SEA-5-76-174	11	Norton Sound	64.35	-165.01	36	14	D	15
95	SEA-5-76-131D	11	Norton Sound	64.4	-161.85	17	14	D	15
96	Alpha-H #9	8	Alaska	64.6	-165.5	?	O	R	10
97	Alpha-H #4	8	Alaska	64.6	-165.5	?	O	R	10
98	SEA-5-76-72A	8.5	Norton Sound	65.13	-167.6	34	O	D	15
99	Chest. Inlet 8	-0.49	Hudson Bay	65.51	-90.95	56	7	B	3
100	Penney274101	3	E.Greenland	65.58	-37.18	30	O	O	4
101	Northwind63 #5	3	Chukchi Sea	65.99	-168.46	55	8	R	17
102	Bart. 19	-1	Foxe Channel	66	-85	25	4	R	5
103	Northwind63 #6	3	Chukchi Sea	66.02	-168.71	51	8	R	17
104	Bart. 47	1	Cape Martineau	66.12	-83.7	25-27	4	R	5
105	Bart. 49	1	Cape Martineau	66.12	-83.7	50	4	R	5
106	Bart. 46	1	Cape Martineau	66.12	-83.7	25-27	4	R	5
107	Bart. 30	1	Hurd Channel	66.22	-83.58	26	4	R	5
108	Bart. 33	1	Melville Penin.	66.22	-84.58	26	4	R	5
109	Bart. 5	1	Hurd Channel	66.22	-84.58	26	4	R	5
110	Bart. 48	1	Lyon Inlet	66.5	-83.5	25	4	R	5
111	Bart. 29	1	Hurd Channel	66.5	-83.83	26	4	R	5
112	Bart. 31	1	Hurd Channel	66.5	-84.83	26	4	R	5
113	Bart. 55	1	Melville Penin.	66.53	-83.88	25	4	R	5
114	AW-37-161-51	2	E.Iceland	66.6	-13.66	139	O	A	7
115	Bart. LT34 Hazel #9	1	Foxe Basin	66.72	-80.12	200	4	R	5
116	Northwind63 #10	3	Chukchi Sea	67.02	-168.58	41	8	R	17
117	Northwind63 #11	3	Chukchi Sea	67.07	-169.88	48	8	R	17
118	AW-V6-33-78-21	8	Norwegian Sea	67.15	12.17	120	O	A	7
119	Northwind63 #13	3	Chukchi Sea	67.31	-170.78	46	8	R	17
120	AW-NN	8	Norwegian Sea	67.4	12.72	120	O	A	10
121	AW-62-160-11	7	Norwegian Sea	67.48	12.35	158	9	A	7
122	AW-57-328-70	8	Norwegian Sea	67.53	11.08	152	10	A	7
123	AW-62-160-10	8	NE Iceland	67.6	-10.55	188.5	9	A	7
124	AW 57-328-28	5	Barents sea	68.03	41.34	42	10	A	18
125	AW-57-328-80	8	Norwegian Sea	68.24	11.16	145	10	A	7
126	AC- 71- 27	4	Canadian Beaufort	68.5	-134.53	1	O	B	24

	A	B	C	D	E	F	G	H	I
127	AC- 71- 24	2.5	Canadian Beaufort	68.75	-135.49	2	9	B	24
128	AW-62-160-9	8	Norwegian Sea	68.78	13.05	136	9	A	7,18
129	AC- 71- 14	3	Canadian Beaufort	69.01	-136.74	2	O	B	24
130	HU69-050.825	-1	Canadian Beaufort	69.18	-137.95	33	11	B	24
131	AC- 71- 6	1	Canadian Beaufort	69.29	-137.08	3	O	B	24
132	AC- 71- 7	1	Canadian Beaufort	69.36	-136.08	2	O	B	24
133	Bart.#70	2	Melville Penin.	69.37	-81.8	25	4	R	5
134	HU69-050.826	-1	Canadian Beaufort	69.37	-138.08	42	11	B	24
135	AC- 71- 8	1.5	Canadian Beaufort	69.44	-136.52	6	O	B	24
136	HU69-050.834	0.5	Canadian Beaufort	69.45	-137.17	24	11	B	24
137	HU69-050.804	-1.25	Canadian Beaufort	69.47	-138.8	49	11	B	24
138	AW-57-328-32	5	Barents Sea	69.48	43.58	42	10	A	18
139	AC- 71- 3	1.5	Canadian Beaufort	69.53	-137.06	8	O	B	24
140	HU69-050.827	-1.25	Canadian Beaufort	69.55	-138.2	100	11	B	24
141	HU69-050.805	-1.25	Canadian Beaufort	69.6	-138.4	124	11	B	24
142	HU69-050.833	-1.3	Canadian Beaufort	69.6	-137.33	44	11	B	24
143	PRZO 70-22-23	-1.25	Canadian Beaufort	69.6	-138.2	128	16	B	24
144	AC- 71- 10	0	Canadian Beaufort	69.62	-135.87	3	O	B	24
145	AW-62-160-8	8	Norwegian Sea	69.63	13.2	134	9	A	7,18
146	HU69-050.802	-1.3	Canadian Beaufort	69.63	-138.75	47	11	B	24
147	81-APB-13	2	Beaufort Sea	69.655	-141.356	4	15	B	24
148	81-APB-12	2	Beaufort Sea	69.656	-141.281	4	15	B	24
149	AC- 71- 50	2.5	Canadian Beaufort	69.66	-130.57	8	O	B	24
150	HU69-050.806	-1.5	Canadian Beaufort	69.67	-138.23	139	11	B	24
151	PRZO 70-22-49	0	Canadian Beaufort	69.67	-136.42	17	16	B	24
152	81-APB-11	2	Beaufort Sea	69.675	-141.319	5	15	B	24
153	AC- 71- 31	-1.3	Canadian Beaufort	69.68	-137.07	32	O	B	24
154	AC-71-35	2.6	Canadian Beaufort	69.68	-132.88	2	O	B	24
155	HU69-050.819	-0.5	Canadian Beaufort	69.7	-139.7	25	11	B	24
156	HU69-050.824	-1	Canadian Beaufort	69.71	-140.62	26	11	B	24
157	AC- 71-1	-0.3	Canadian Beaufort	69.71	-136.13	20	O	B	24
158	81-APB-36	1	Beaufort Sea	69.739	-141.464	12.5	15	B	24
159	AC- 71- 32	2.3	Canadian Beaufort	69.74	-135.4	6	O	B	24
160	HU69-050.803	-1.5	Canadian Beaufort	69.75	-138.57	177	11	B	24
161	HU69-050.840	0	Canadian Beaufort	69.75	-136.62	18	11	B	24
162	PRZO 70-22-74	-1.5	Canadian Beaufort	69.75	-138.3	165	16	B	24
163	PRZO 70-22-82	-1	Canadian Beaufort	69.75	-136.65	22	16	B	24
164	81-AER-35	1.3	Beaufort Sea	69.754	-141.444	16.5	15	B	24
165	AC- 71- 51	2	Canadian Beaufort	69.77	-130.17	10	O	B	24
166	RICH 1970-22	2.5	Canadian Beaufort	69.77	-132.7	7	O	B	24
167	HU69-050.832	-1	Canadian Beaufort	69.78	-137.53	66	11	B	24
168	AC- 71- 36	2.25	Canadian Beaufort	69.78	-132.84	8	O	B	24
169	AC- 71- 38	3	Canadian Beaufort	69.78	-132.07	3	O	B	24
170	81-AER-34	0.3	Beaufort Sea	69.786	-141.37	23	15	B	24
171	AC- 71-53	1.5	Canadian Beaufort	69.79	-129.74	14	O	B	24
172	PRZO 71-94	-1	Canadian Beaufort	69.79	-135.52	22	16	B	24
173	81-AER-33	-1	Beaufort Sea	69.818	-141.259	30	15	B	24
174	AW-62-160-7	7	Norwegian Sea	69.82	17.63	184	9	A	7,18
175	HU69-050.812	-1.5	Canadian Beaufort	69.83	-138.3	198	11	B	24
176	PRZO 70-22-90	-1.5	Canadian Beaufort	69.83	-136.87	33	16	B	24
177	Northwind63 #56	1.6	E.Siberian Sea	69.83	165.02	27	8	R	8
178	HU69-050.839	-1	Canadian Beaufort	69.85	-136.8	27	11	B	24
179	HU69-050.897	1.3	Canadian Beaufort	69.85	-135.33	16	11	B	24
180	AC- 71- 52	2	Canadian Beaufort	69.86	-129.23	10	O	B	24
181	HU69-050.862	1	Canadian Beaufort	69.87	-133.33	16	11	B	24
182	81-AER-31	-1	Beaufort Sea	69.882	-141.147	34	15	B	12
183	81-AER-32	1	Beaufort Sea	69.885	-141.242	32	15	B	12
184	HU69-050.814	-1.6	Canadian Beaufort	69.89	-139.08	60	11	B	24
185	HU69-050.818	-1.3	Canadian Beaufort	69.9	-139.47	44	11	B	24
186	AC- 71- 37	2	Canadian Beaufort	69.91	-132.82	10	O	B	24
187	PRZO 70-22-94	-1	Canadian Beaufort	69.92	-137.1	43	16	B	24
188	RICH 1970- 41	-1	Canadian Beaufort	69.92	-134.7	23	O	B	24
189	HU69-050.813	-1.5	Canadian Beaufort	69.93	-138.91	200	11	B	24

	A	B	C	D	E	F	G	H	I
190	HU69-050.896	3	Canadian Beaufort	69.94	-134.55	16	11	B	24
191	PRZO 71-33	1	Canadian Beaufort	69.96	-132.91	21	16	B	24
192	PRZO 71-37	-1	Canadian Beaufort	69.96	-133.43	23	16	B	24
193	HU69-050.838	-1.25	Canadian Beaufort	69.97	-137	38	11	B	24
194	PRZO 71-61	-1.5	Canadian Beaufort	69.97	-134.74	14	16	B	24
195	PRZO 71-136	0	Canadian Beaufort	69.97	-135.79	22	16	B	24
196	81-APB-21	-1.53	Beaufort Sea	69.989	-142.518	7	15	B	15
197	HU69-050.823	-1.3	Canadian Beaufort	69.99	-140.26	51	11	B	24
198	AC- 71- 39	4	Canadian Beaufort	69.99	-132.05	6	O	B	24
199	Bart. LT 27 Hazel 8	3	W Greenland	70	-52.5	?	4	R	7,8
200	HU69-050.861	0.3	Canadian Beaufort	70	-132.53	19	11	B	24
201	PRZO 70-22-112	0	Canadian Beaufort	70	-138.47	270	16	B	24
202	PRZO 70-22-120	-1.75	Canadian Beaufort	70	-137.33	66	16	B	24
203	HU69-050.845	-1.3	Canadian Beaufort	70.01	-135.65	28	11	B	24
204	72ABP20A	-1.3	Beaufort Sea	70.017	-146.417	905	15	B	15
205	81-APB-20	-0.35	Beaufort Sea	70.017	-142.522	16	15	B	15
206	HU69-050.831	0	Canadian Beaufort	70.02	-137.95	109	11	B	24
207	HU69-050.856	-1.3	Canadian Beaufort	70.02	-134.95	146	11	B	24
208	AC- 71- 40	3.5	Canadian Beaufort	70.02	-132.05	11	O	B	24
209	HU69-050.863	-1.3	Canadian Beaufort	70.03	-133.76	30	11	B	24
210	81-APB-19	-0.57	Beaufort Sea	70.031	-142.536	18.5	15	B	15
211	81-APB-18	-0.57	Beaufort Sea	70.056	-142.488	23.5	15	B	15
212	AC- 71- 42	2	Canadian Beaufort	70.07	-131.2	12	O	B	24
213	PRZO 70-22-111	0.5	Canadian Beaufort	70.08	-138.5	296	16	B	24
214	PRZO 70-22-124	-1	Canadian Beaufort	70.08	-138.3	255	16	B	24
215	PRZO 70-22-125	-1.6	Canadian Beaufort	70.08	-138.03	200	16	B	24
216	PRZO 70-22-126	-1.3	Canadian Beaufort	70.08	-137.83	115	16	B	24
217	PRZO 70-22-130	-1.3	Canadian Beaufort	70.08	-137.55	66	16	B	24
218	PRZO- 72-1	1	Canadian Beaufort	70.11	-131.23	15.9	16	B	24
219	HU69-050.860	-0.6	Canadian Beaufort	70.12	-131.58	24	11	B	24
220	81-APB-17	-0.43	Beaufort Sea	70.127	-142.5	35	15	B	15
221	Barnes 18-80	1	Beaufort Sea	70.13	-146.66	4.5	15	D	15
222	Barnes 19-80	0.05	Beaufort Sea	70.13	-147.03	5.5	15	D	15
223	HU69-050.851	-1.2	Canadian Beaufort	70.13	-134.9	37	11	B	24
224	79-ABP-14	-0.18	Beaufort Sea	70.133	-145.558	13.5	15	B	15
225	72-ABP-12	-0.43	Beaufort Sea	70.14	-145.483	39	15	B	15
226	HU69-050.817	-0.5	Canadian Beaufort	70.14	-139.27	211	11	B	24
227	HU69-050.837	-1.3	Canadian Beaufort	70.14	-137.26	47	11	B	24
228	HU69-050.858	-0.5	Canadian Beaufort	70.14	-132.8	25	11	B	24
229	PRZO 71-138	-1.5	Canadian Beaufort	70.14	-136.06	42	16	B	24
230	80PB2	-0.18	Beaufort Sea	70.146	-145.755	5	15	B	15
231	AW-62-160-3	7	Norwegian Sea	70.15	17.2	182	9	A	7
232	Northwind63 #45	0	E.Siberian Sea	70.15	175	37	8	R	22
233	72-ABP-11	-0.18	Beaufort Sea	70.158	-144.367	16	15	B	15
234	Barnes 16-80	0.3	Beaufort Sea	70.16	-146.09	2.5	15	D	15
235	HU69-050.822	-1.4	Canadian Beaufort	70.17	-139.88	62	11	B	24
236	HU69-050.830	-1.3	Canadian Beaufort	70.18	-137.99	240	11	B	24
237	HU69-050.844	-1	Canadian Beaufort	70.18	-135.91	46	11	B	24
238	79-ABP-15	-0.18	Beaufort Sea	70.186	-145.804	14	15	B	15
239	Barnes 17-80	1.25	Beaufort Sea	70.19	-146.38	3	15	R	9
240	72-AJT-26	-1.67	Beaufort Sea	70.203	-146.5	4	O	B	15
241	HU69-050.809	0	Canadian Beaufort	70.21	-138.67	390	11	B	24
242	AC- 71- 43	-0.5	Canadian Beaufort	70.21	-131.22	24	O	B	24
243	PRZO- 72-2	0	Canadian Beaufort	70.21	-131.25	22.9	16	B	24
244	Barnes 22-80	0.05	Beaufort Sea	70.22	-147.54	3	15	D	15
245	AC- 71- 49	1.5	Canadian Beaufort	70.22	-128.36	12	O	B	24
246	71-ABP-23	1	Beaufort Sea	70.22	-148.07	27	15	D	19
247	72-ABP-1	-1.45	Beaufort Sea	70.22	-143.43	25	15	D	15
248	72-ABP-13	-1.45	Beaufort Sea	70.228	-145.5	25	15	B	15
249	PRZO 71-42	-1.2	Canadian Beaufort	70.23	-133.41	37	16	B	24
250	Barnes 34-80	-1.45	Beaufort Sea	70.24	-146.03	19	15	D	15
251	72-ABP-34	1	Beaufort Sea	70.24	-148.533	995	15	B	19
252	HU69-050.816	0.4	Canadian Beaufort	70.26	-139.21	451	11	B	24

	A	B	C	D	E	F	G	H	I
253	AC- 71- 45	2.3	Canadian Beaufort	70.26	-130.08	8	O	B	24
254	71-ABP-1	-1.45	Beaufort Sea	70.26	-143.67	26	15	D	15
255	79-ABP-22	-1.67	Beaufort Sea	70.266	-146.608	12.5	15	B	15
256	72-AJT-20A	-1.67	Beaufort Sea	70.267	-146.5	13.4	O	B	15
257	79-ERK-12	-1.07	Beaufort Sea	70.272	-146.85	6	15	B	15
258	72-AER-151	-0.05	Beaufort Sea	70.278	-147.405	6.2	15	B	15
259	Barnes 21-80	-0.05	Beaufort Sea	70.28	-147.36	7	15	D	15
260	HU69-050.854	-1.3	Canadian Beaufort	70.28	-134	45	11	B	24
261	79-ABP-23	-0.05	Beaufort Sea	70.287	-146.703	13	15	B	15
262	Barnes 20-80	0.5	Beaufort Sea	70.29	-147.03	5	15	D	15
263	HU69-050.850	-1.2	Canadian Beaufort	70.29	-135.18	55	11	B	24
264	HU69-050.843	-1.2	Canadian Beaufort	70.3	-136.25	57	11	B	24
265	71-ABP-12	-1.32	Beaufort Sea	70.3	-146.08	26	15	D	15
266	72-AER-150	-0.05	Beaufort Sea	70.303	-147.497	6.5	15	B	15
267	PRZO- 72- 61	3	Canadian Beaufort	70.31	-128.34	8.5	16	B	24
268	72-AER-149	-0.05	Beaufort Sea	70.316	-147.557	5.8	15	B	15
269	PRZO 71-64	-1	Canadian Beaufort	70.32	-136.33	59	16	B	24
270	72-ABP-26	-0.05	Beaufort Sea	70.327	-146.5	17	15	B	15
271	PRZO 71-128	-1.5	Canadian Beaufort	70.33	-135.26	55	15	B	24
272	72-ABP-10	-0.43	Beaufort Sea	70.342	-144.06	37	16	B	15
273	Barnes 23-80	0.5	Beaufort Sea	70.35	-147.89	6	15	D	15
274	71-ABP-13A	-1.38	Beaufort Sea	70.35	-146.57	31	15	D	15
275	72-ABP-25	-1.38	Beaufort Sea	70.357	-146.6	26	15	B	15
276	72-AER-147	-1	Beaufort Sea	70.359	-147.697	6	15	B	15
277	Barnes 26-80	-0.3	Beaufort Sea	70.36	-147.5	7.1	15	D	15
278	HU69-050.836	-0.3	Canadian Beaufort	70.36	-137.55	322	11	B	24
279	HU69-050.815	0.3	Canadian Beaufort	70.37	-139.09	610	11	B	24
280	HU69-050.886	2	Canadian Beaufort	70.37	-130.52	18	11	B	24
281	72-AER-146	-1	Beaufort Sea	70.374	-147.737	3.5	15	B	15
282	79-ABP-27	-1	Beaufort Sea	70.375	-147.418	6	15	B	15
283	70BS18	-0.83	Beaufort Sea	70.378	-148.163	2	O	B	15
284	PRZO- 72- 19	-1.2	Canadian Beaufort	70.38	-131.27	31.4	16	B	24
285	PRZO- 72-18	1	Canadian Beaufort	70.39	-130.73	19.8	16	B	24
286	71-ABP-2	-1.45	Beaufort Sea	70.39	-143.55	44	15	D	15
287	79-ABP-25	-0.52	Beaufort Sea	70.394	-147.21	15	15	B	15
288	72-ABP-14	-1.44	Beaufort Sea	70.4	-145.663	37	15	B	15
289	HU69-050.869	-1	Canadian Beaufort	70.4	-133.15	42	11	B	24
290	PRZO 71-72	-1.3	Canadian Beaufort	70.4	-136.6	67	16	B	24
291	PRZO- 72- 53	1.7	Canadian Beaufort	70.4	-128.6	12.2	16	B	24
292	71-AJT-45	-1.39	Beaufort Sea	70.4	-148.25	39	O	D	15
293	AC- 71- 46	2.3	Canadian Beaufort	70.41	-130.13	7	O	B	24
294	AC- 71- 48	1.7	Canadian Beaufort	70.41	-128.79	13	O	B	24
295	PRZO 71-116	-1.2	Canadian Beaufort	70.41	-133.67	69	16	B	24
296	71-ABP-11	-1.44	Beaufort Sea	70.42	-146.13	33	15	D	15
297	71-ABP-38A	-1.39	Beaufort Sea	70.42	-148.37	31	15	D	15
298	Barnes 25-80	-1	Beaufort Sea	70.43	-147.52	13	15	D	15
299	72-AER-94	-1.39	Beaufort Sea	70.43	-148.67	1.8	15	B	15
300	HU69-050.849	-1.5	Canadian Beaufort	70.43	-135.45	62	11	B	24
301	72-AER-83	-1.39	Beaufort Sea	70.44	-148.83	2.5	15	B	15
302	72-AER-95	-1.39	Beaufort Sea	70.44	-148.66	3.6	15	B	15
303	72-AER-99	-1.39	Beaufort Sea	70.44	-148.73	2	15	B	15
304	72-AER-162	-1.39	Beaufort Sea	70.44	-148.785	1.5	15	B	15
305	HU69-050.853	-1.2	Canadian Beaufort	70.44	-134.29	62	11	B	24
306	72-AER-88	-1.39	Beaufort Sea	70.45	-148.9	2	15	B	15
307	72-AER-100	-1.39	Beaufort Sea	70.45	-148.73	3.8	15	B	15
308	72-AER-103	-1.39	Beaufort Sea	70.45	-148.75	1	15	B	15
309	HU69-050.807	0.2	Canadian Beaufort	70.45	-138.95	740	11	B	24
310	71-ABP-3	-1.45	Beaufort Sea	70.45	-143.57	45	15	D	15
311	72-AER-109	-1.39	Beaufort Sea	70.46	-148.77	4	15	B	15
312	71-AJT-34	0.7	Beaufort Sea	70.467	-150	18	O	B	15
313	80-ER-53	-0.1	Beaufort Sea	70.468	-151.75	2.3	15	B	15
314	Barnes 27-80	-1	Beaufort Sea	70.47	148.4	8	15	D	15
315	72-AER-72	-0.83	Beaufort Sea	70.47	-148.72	9	15	B	15

	A	B	C	D	E	F	G	H	I
316	72-AER-85	-0.83	Beaufort Sea	70.47	-148.85	1.5	15	B	15
317	72-AER-104	-0.83	Beaufort Sea	70.47	-148.72	7.5	15	B	15
318	72-AER-107	-0.83	Beaufort Sea	70.47	-148.77	6	15	B	15
319	72-AER-108	-0.83	Beaufort Sea	70.47	-148.783	4.5	15	B	15
320	AW-EH-2	6	NorwegianSea	70.48	17.45	??	15	A	10
321	70-AER-105	3.91	Beaufort Sea	70.48	-144.72	5.5	15	B	15
322	72-AER-106	3.91	Beaufort Sea	70.48	-144.72	10.2	15	B	15
323	72-AER-141	-0.83	Beaufort Sea	70.5	-147.927	8	15	B	15
324	HU69-050.878	1.3	Canadian Beaufort	70.5	-129.38	16	11	B	24
325	AC- 71- 47	1.5	Canadian Beaufort	70.5	-130.18	20	O	B	24
326	PRZO 71-80	0.4	Canadian Beaufort	70.5	-136.61	439	16	B	24
327	72-AER-165	-0.83	Beaufort Sea	70.504	-148.32	10.5	15	B	15
328	PRZO 71-84	0	Canadian Beaufort	70.51	-135.54	66	16	B	24
329	72-ABP-9	0.36	Beaufort Sea	70.513	-143.45	51	15	B	15
330	72-AER-138	-1.46	Beaufort Sea	70.517	-147.818	19.5	15	B	15
331	80PB50	-0.83	Beaufort Sea	70.519	-148.173	14.1	15	B	15
332	AW-62-160-1	7	Norwegian Sea	70.53	18.38	193	9	A	7
333	HU69-050.842	0.2	Canadian Beaufort	70.53	-136.67	700	11	B	24
334	HU69-050.875	-1.3	Canadian Beaufort	70.53	-132.17	63	11	B	24
335	HU69-050.885	0.5	Canadian Beaufort	70.53	-130.69	25	11	B	24
336	80PB52	-0.83	Beaufort Sea	70.533	-148.13	15.2	15	B	24
337	Barnes 47-80	-1	Beaufort Sea	70.54	-148.16	13	15	D	15
338	80PB46	-0.83	Beaufort Sea	70.545	-148.148	17.3	15	B	15
339	80ER52	2	Beaufort Sea	70.545	-151.642	1.8	15	B	15
340	72-AER-127	0.7	Beaufort Sea	70.558	-149.457	5	15	B	15
341	72-AER-121	0.7	Beaufort Sea	70.56	-149.45	5.8	15	B	15
342	72-AER-123	0.7	Beaufort Sea	70.561	-149.457	7	15	B	15
343	72-AER-122	0.7	Beaufort Sea	70.562	-149.455	9	15	B	15
344	80ER47	-0.1	Beaufort Sea	70.562	-152.02	2.6	15	B	15
345	72-AJT-40	1	Beaufort Sea	70.567	-150	6	O	B	15
346	70BS1	0.7	Beaufort Sea	70.57	-149.883	2.5	O	B	15
347	72-AER-124	0.7	Beaufort Sea	70.573	-149.447	11	15	B	15
348	72-ABP-24	-1.19	Beaufort Sea	70.573	-146.55	36	15	B	15
349	72-AER125	0.7	Beaufort Sea	70.579	-149.44	12.5	15	B	15
350	PRZO- 72- 44	1.5	Canadian Beaufort	70.58	-129.41	18.7	16	B	24
351	71-ABP-5	0.36	Beaufort Sea	70.58	-143.63	106	15	D	15
352	72-ABP-15	-1.42	Beaufort Sea	70.582	-145.6	37	15	B	15
353	71-AJT-32	1	Beaufort Sea	70.583	-150	8.5	O	B	15
354	72-AER-70	1	Beaufort Sea	70.59	-151.96	1.8	15	B	15
355	79-ABP-34	0.7	Beaufort Sea	70.593	-149.273	13.5	15	B	15
356	72-AER-126	0.7	Beaufort Sea	70.594	-149.43	14	15	B	15
357	79-ABP-33	0.7	Beaufort Sea	70.605	-149.658	13.5	15	B	15
358	70BS4	0.7	Beaufort Sea	70.607	-149.897	10	O	B	15
359	Barnes 58-80	1	Beaufort Sea	70.61	-150.41	13	15	R	15
360	79-ABP-32	0.7	Beaufort Sea	70.617	-149.725	13.5	15	B	15
361	Barnes 28-80	0	Beaufort Sea	70.62	-150.48	3	15	D	15
362	81-APB-24	-0.76	Beaufort Sea	70.62	-148.127	18	15	B	15
363	81-APB-25	-0.76	Beaufort Sea	70.62	-148.146	18	15	B	15
364	70BS5	0.7	Beaufort Sea	70.63	-149.905	12	O	B	15
365	HU69-050.848	-1.3	Canadian Beaufort	70.63	-135.79	87	11	B	24
366	HU69-050.868	-2	Canadian Beaufort	70.63	-133.48	62	11	B	24
367	80ER55	-0.6	Beaufort Sea	70.635	-152.337	2	15	B	15
368	71-ABP-10	-1.43	Beaufort Sea	70.64	-146.02	49	15	D	15
369	72-AJT-41	0	Beaufort Sea	70.642	-150.5	14	O	B	15
370	72-ABP-8	-0.36	Beaufort Sea	70.65	-143.55	135	15	B	15
371	80ER68	0.7	Beaufort Sea	70.65	-149.287	19.5	15	B	15
372	HU69-050.879	1.4	Canadian Beaufort	70.65	-129.66	22	11	B	24
373	82-AER-12	-1.75	Beaufort Sea	70.663	-148.297	24	15	B	15
374	72-ABP-23	-0.71	Beaufort Sea	70.667	-146.667	47	15	B	15
375	80ER69	-1.06	Canadian Beaufort	70.667	-149.197	14.7	15	B	15
376	PRZ0-72-41	1.2	Beaufort Sea	70.67	-128.53	19.5	16	B	24
377	71-AJT-33	1	Beaufort Sea	70.675	-150	16.2	O	B	15
378	HU69-050.877	-1	Canadian Beaufort	70.68	-128.32	29	11	B	24

	A	B	C	D	E	F	G	H	I
379	PRZO- 71- 161	0	Canadian Beaufort	70.68	-135.82	335	16	B	24
380	HU69-050.852	-1.5	Canadian Beaufort	70.69	-134.69	58	11	B	24
381	HU69-050.884	-0.5	Canadian Beaufort	70.69	-130.87	32	11	B	24
382	71-ABP-69	-1.75	Beaufort Sea	70.69	-148.37	26	15	D	15
383	Barnes 56-80	-0.15	Beaufort Sea	70.7	-152.33	3.2	15	D	15
384	72-AJT-42	0	Beaufort Sea	70.708	-150.5	18	O	B	15
385	Barnes 66-80	-1	Beaufort Sea	70.71	-149.27	21	15	D	15
386	Barnes 71-80	-1	Beaufort Sea	70.71	-149.43	19.8	15	D	15
387	HU69-050.847	3	Canadian Beaufort	70.71	-135.87	470	11	B	24
388	71-ABP-37	-1.75	Beaufort Sea	70.718	-148.317	33	15	B	15
389	80ER73	-1	Beaufort Sea	70.723	-149.527	19.2	15	B	15
390	AW-57-328-17	3	Barents Sea	70.73	36.75	160	10	A	7
391	71-ABP-9	-1.35	Beaufort Sea	70.73	-145.87	56	15	D	15
392	71-ABP-34	1.95	Beaufort Sea	70.73	-148.02	38	15	D	15
393	80ER78	-0.3	Beaufort Sea	70.733	-149.97	19.5	15	B	15
394	71-ABP-50	1.92	Beaufort Sea	70.733	-148.8	24	15	B	15
395	80ER76	-0.3	Beaufort Sea	70.741	-149.755	20	15	B	15
396	72-ABP-16	-1.07	Beaufort Sea	70.747	-145.367	38	15	B	15
397	HU69-050.874	-1	Canadian Beaufort	70.75	-132.46	32	11	B	24
398	PRZO- 72- 71	-0.75	Canadian Beaufort	70.75	-130.5	35	16	B	24
399	PRZO- 72- 72	-1	Canadian Beaufort	70.75	-130.22	30.5	16	B	24
400	HU69-050.841	-0.5	Canadian Beaufort	70.76	-137.07	1390	11	B	24
401	80ER74	-0.4	Beaufort Sea	70.761	-149.662	17	15	B	15
402	80ER72	-0.4	Beaufort Sea	70.762	-149.503	18.7	15	B	15
403	HU69-050.857	-1.5	Canadian Beaufort	70.78	-134.83	73	11	B	24
404	HU69-050.867	-1.7	Canadian Beaufort	70.78	-133.78	70	11	B	24
405	80ER75	-0.4	Beaufort Sea	70.8	-149.69	23.5	15	B	15
406	71-ABP-8	-1.25	Beaufort Sea	70.81	-145.93	81	15	D	15
407	80ER79	-0.3	Beaufort Sea	70.815	-150.035	22	15	B	15
408	72-AJT-31	-0.3	Beaufort Sea	70.817	-150	23	O	B	15
409	71-ABP-33	2.45	Beaufort Sea	70.82	-148.05	41	15	D	15
410	71-ABP-51A	1.34	Beaufort Sea	70.825	-148.833	32	15	B	15
411	AW-57-326-91	7	Norwegian Sea	70.83	18	171	10	A	7
412	80ER80	-0.3	Beaufort Sea	70.83	-150.202	23	15	B	15
413	HU69-050.866	-1.3	Canadian Beaufort	70.83	-133.98	85	11	B	24
414	HU69-050.891	-1.4	Canadian Beaufort	70.83	-129.87	29	11	B	24
415	HU69-050.846	0	Canadian Beaufort	70.84	-136.3	864	11	B	24
416	PRZO- 71- 187	-1.75	Canadian Beaufort	70.84	-133.89	78	16	B	24
417	82AER11	-1.66	Beaufort Sea	70.845	-148.302	40	15	B	15
418	72-ABP-17	-1.2	Beaufort Sea	70.85	-145.233	300	15	B	15
419	71-ABP-39A	-1.66	Beaufort Sea	70.85	-148.4	36	15	D	15
420	80ER77	3.53	Beaufort Sea	70.858	-149.853	27	15	B	15
421	HU69-050.876	-1.2	Canadian Beaufort	70.87	-128.55	36	11	B	24
422	71-AJT-35	0.31	Alaska Beaufort	70.87	-150.5	19.8	O	B	15
423	80ER81	-1.43	Beaufort Sea	70.91	-150.305	24.5	15	B	15
424	71-ABP-40B	1.1	Beaufort Sea	70.91	-148.37	37	15	D	15
425	E. of Drew Pt.	1	N.Alaska	70.92	-153.63	2.6	O	R	8,10
426	Barnes 35-80	-0.21	Beaufort Sea	70.92	-150.72	25	15	D	15
427	72-ABP-22	-1.48	Beaufort Sea	70.925	-146.5	109	15	B	15
428	71-ABP-52	1.1	Beaufort Sea	70.933	-148.833	37	15	B	15
429	HU69-050.873	-2	Canadian Beaufort	70.94	-132.78	50	11	B	24
430	HU69-050.883	-1.5	Canadian Beaufort	70.94	-131.41	54	11	B	24
431	HU69-050.890	1	Canadian Beaufort	70.95	-130.06	32	11	B	24
432	82-AER-10	-0.23	Beaufort Sea	70.952	-148.278	43	15	B	15
433	80PB40	-1.43	Beaufort Sea	70.955	-150.635	17.5	15	B	15
434	80PB36	-1.43	Beaufort Sea	70.963	-150.713	9.3	15	B	15
435	72-ABP-21	0.05	Beaufort Sea	70.972	-146.5	364	15	B	15
436	Barnes 38-80	0.16	Beaufort Sea	70.98	-150.72	17.2	15	D	15
437	Barnes 44-80	0.38	Beaufort Sea	70.99	-150.82	?	15	D	15
438	Barnes 45-80	0.38	Beaufort Sea	70.99	-150.79	?	15	D	15
439	72-ABP-61	0.21	Beaufort Sea	70.99	-150.533	19	15	B	15
440	72-ABP-43	0.16	Beaufort Sea	70.992	-149.567	32	15	B	15
441	Barnes 57-80	-0.25	Beaufort Sea	71	-151.35	16	15	D	15

	A	B	C	D	E	F	G	H	I
442	72-ABP-48	2.4	Beaufort Sea	71	-150	28	15	B	15
443	71-ABP-53B	0.69	Beaufort Sea	71	-148.85	37	15	B	15
444	71-ABP-41A	0.69	Beaufort Sea	71	-148.27	47	15	D	15
445	Barnes 30-80	-0.29	Beaufort Sea	71.01	-152.2	15	15	D	15
446	HU69-050.895	0	Canadian Beaufort	71.02	-128.83	40	11	B	24
447	HU69-050.872	-1	Canadian Beaufort	71.05	-132.99	80	11	B	24
448	HU69-050.882	-1.2	Canadian Beaufort	71.06	-131.71	62	11	B	24
449	82-AER-9	0.69	Beaufort Sea	71.087	-148.267	49	15	B	15
450	71-ABP-30B	0.56	Beaufort Sea	71.09	-147.97	93	15	D	15
451	72-ABP-37	0.69	Beaufort Sea	71.103	-148.733	43	15	B	15
452	82-AER-8	0.69	Beaufort Sea	71.12	-148.243	70	15	B	15
453	HU69-050.889	-1.2	Canadian Beaufort	71.12	-130.3	44	11	B	24
454	71-ABP-90	-0.67	Beaufort Sea	71.125	-153	24	15	B	15
455	72-ABP-44	-1.6	Beaufort Sea	71.13	-149.633	46	15	B	15
456	HU69-050.894	-0.3	Canadian Beaufort	71.13	-128.99	45	11	B	24
457	HU69-050.871	0	Canadian Beaufort	71.16	-133.12	346	11	B	24
458	71-ABP-61A	2	Beaufort Sea	71.17	-149.25	50	15	D	15
459	72-ABP-36	0.22	Beaufort Sea	71.182	-148.55	307	15	B	15
460	72-ABP-45B	-0.98	Beaufort Sea	71.19	-149.633	95	15	B	15
461	72-ABP-45A	0.3	Beaufort Sea	71.195	-149.633	353	15	B	15
462	71-ABP-43	-1.5	Beaufort Sea	71.2	-148.6	118	15	B	15
463	71-ABP-60	-1.6	Beaufort Sea	71.2	-149.25	63	15	D	15
464	72-ABP-58	-1.4	Beaufort Sea	71.212	-151.067	53	15	B	15
465	72-ABP-35	0.48	Beaufort Sea	71.217	-148.533	490	15	B	15
466	HU69-050.881	-1.3	Canadian Beaufort	71.24	-131.91	104	11	B	24
467	71-ABP-75	-1.2	Beaufort Sea	71.247	-150.467	140	15	B	15
468	HU69-050.888	-1	Canadian Beaufort	71.28	-130.63	62	11	B	24
469	Tapkaluk Pass	1	N. Alaska	71.33	-156.09	4.5	O	R	10
470	Eluitkit Pass	1	N. Alaska	71.36	-156.36	?	O	R	10
471	HU69-050.892	-1	Canadian Beaufort	71.42	-129.45	69	11	B	24
472	HU69-050.898	-1.3	Canadian Beaufort	71.42	-129.46	225	11	B	24
473	Northwind63 #50	-1	E.Siberian Sea	71.42	174.95	37	8	R	22,25
474	71-ABP-93	-0.6	Beaufort Sea	71.42	-154.47	31	15	D	15
475	HU69-050.880	0.3	Canadian Beaufort	71.43	-132.1	580	11	B	24
476	HU69-050.887	-0.2	Canadian Beaufort	71.45	-130.9	314	11	B	24
477	71-ABP-88A	-1.4	Beaufort Sea	71.54	-152.92	58	15	D	15
478	Northwind63 #51	-1	E.Siberian Sea	71.57	170	37	8	R	22,25
479	70-ABP-1	-1.46	Beaufort Sea	71.583	-155.833	78	15	B	15
480	Northwind 65 #1	0.5	Kara Sea	72.18	57.17	499	8	R	9
481	Northwind63 #77	-1	E.Siberian Sea	72.4	155.23	21	8	R	22,25
482	Northwind63 #79	-1	E.Siberian Sea	72.83	155.33	26	8	R	22,25
483	Northwind63 #71	-1	E.Siberian Sea	72.93	160.25	26	8	R	22,25
484	Northwind63 #130	-1.5	Laptev Sea	73.57	131.42	22	8	R	22,25
485	Northwind63 #83	-0.5	E.Siberian Sea	73.7	155.4	36	8	R	22,25
486	Northwind63 #63	-0.5	E.Siberian Sea	73.7	155.4	33	8	R	22,25
487	Bart. LT 33 Hazel 7	-1	NE Greenland	74.07	-21.75	26	4	R	7,23
488	Bart. LT 51 Hazel 6	-1	E.Green, Clavering I.	74.25	-21	91-104	4	R	7,23
489	Northwind63 #95	-1.5	New Siberian I.	74.44	142.72	15	8	R	22,25
490	Northwind63 #97	-1.5	New Siberian I.	74.5	140.43	25	8	R	22,25
491	Northwind65 #13	-1	Greenland Sea	74.8	-10.57	3110	12	R	7,23
492	AW-57-328-46	5	Barents Sea	75.19	22.23	64	10	A	7,18
493	Bart. LT 35 Hazel 5	-1	E Greenland	75.33	-19	200	4	R	7,13
494	FL71	-0.75	Arctic Basin	75.73	-140.61	3709	13	O	25
495	Northwind63 #165	-1.5	Laptev Sea	75.75	120	53	8	R	22,25
496	Northwind63 #145	-1.5	Laptev Sea	75.79	129.87	42	8	R	22,25
497	Northwind65 #41	0.5	Kara Sea	75.83	71.6	223	12	R	9,12
498	FL75	-0.75	Arctic Basin	75.88	-139.05	3678	13	O	25
499	Northwind63 #139	-1.5	Laptev Sea	76.02	134.05	35	8	R	8
500	Bart. LT 31 Hazel 4	-1	NW Greenland	76.1	-68.42	46-82	4	R	16
501	Bartlett #28	0	NW Greenland	76.1	68.42	?	4	R	16
502	FL63	-0.75	Arctic Basin	76.21	-142.05	3707	13	O	25
503	AW-R-1	4	Kara Sea	76.22	62.67	?	O	A	10
504	Northwind63 #143	-1.5	Laptev Sea	76.43	129.88	32	8	R	22,25

	A	B	C	D	E	F	G	H	I
505	Bart. LT 23 Hazel 3	0	W.Greenland	76.45	-70	24-36	4	R	16
506	Thule, N. Sta.Bay	0	N. Greenland	76.5	-69	?	4	R	16
507	Bart. N.Omenolu	0	N.Star Bay, Green.	76.55	-68.82	34	4	R	16
508	Bart. LT 26 Hazel 2	0	N.Star Bay, Green.	76.55	-68.87	31	4	R	16
509	Northwind 65 #35	0	Greenland Sea	76.85	-7.17	322	12	R	10
510	Northwind 65 #53	0	Kara Sea	77.54	71.6	223	12	R	9
511	Northwind 65 #77	0.5	Kara Sea	78.06	74.65	362	12	R	9
512	FL96	-0.5	Arctic Basin	78.14	-176.06	1363	13	O	25
513	FL123	-0.5	Arctic Basin	78.17	-174.5	1763	13	O	25
514	Northwind 65 #22	-0.8	Greenland Sea	78.34	-4.2	1645	12	R	7
515	FL95	-0.5	Arctic Basin	78.37	-176.3	1351	13	O	25
516	FL142	-0.5	Arctic Basin	78.61	-175.93	1478	13	O	25
517	FL178	-0.5	Arctic Basin	78.9	-176.45	1592	13	O	25
518	Bartlett LT52	-1.5	NW Greenland	79.5	-65	220	4	R	8
519	FL184	-0.75	Arctic Basin	79.53	-174.13	2095	13	O	25
520	FL190	-0.78	Arctic Basin	79.59	-172.49	2810	13	O	25
521	FL206	-0.78	Arctic Basin	79.69	-170.22	3242	13	O	25
522	FL201	-0.75	Arctic Basin	79.91	-171.44	2962	13	O	25
523	FL191	-0.5	Arctic Basin	79.93	-174.45	1717	13	O	25
524	AW-CF	-1.5	Barents Sea	79.95	50.02	?	O	A	10
525	FL214	-0.78	Arctic Basin	80.29	-159.52	3021	13	O	25
526	FL198	-0.75	Arctic Basin	80.37	-172.57	3198	13	O	9
527	Northwind 65 #117	0.5	Kara Sea	80.97	69.57	566	12	R	9
528	Northwind65#106	0.5	Kara Sea	81.46	97.57	265	12	R	9
529	Northwind 65 #110	0.5	Kara Sea	81.58	79.87	203	12	R	9
530	Northwind 65 #115	0.5	Kara Sea	81.59	67.53	567	12	R	9
531	Northwind 65 #113	0.5	Kara Sea	81.6	73	640	12	R	9
532	Northwind65 #112	0	Kara Sea	81.62	75.33	421	12	R	12
533	FL235	-0.78	Arctic Basin	81.93	-157.57	3809	13	O	25
534	FL241	-0.78	Arctic Basin	82.19	-156.94	3812	13	O	25
535	FL24	-0.78	Arctic Basin	82.46	-162.06	3743	13	O	25
536	FL284	-0.75	Arctic Basin	83.79	-145.85	2681	13	O	25
537	FL323	-0.75	Arctic Basin	84.3	-135.1	2674	13	O	25
538	FL290	-0.75	Arctic Basin	84.39	-143.85	2262	13	O	25
539	FL365	-0.75	Arctic Basin	84.47	-131.37	2732	13	O	25
540	FL319	-0.75	Arctic Basin	84.88	-136.04	2016	13	O	25
541	FL296	-0.75	Arctic Basin	84.89	-143.31	2217	13	O	25
542	FL423	-0.5	Arctic Basin	84.93	-126.72	1532	13	O	25
543	FL294	-0.75	Arctic Basin	84.94	-145.57	2234	13	O	25
544	FL343	-0.5	Arctic Basin	85.08	-130.63	1753	13	O	25
545	FL298	-0.75	Arctic Basin	85.13	-142.85	1971	13	O	25
546	FL316	-0.5	Arctic Basin	85.15	-138.23	1785	13	O	25
547	FL306	-0.75	Arctic Basin	85.42	-145.21	2263	13	O	25
548	FL304	-0.75	Arctic Basin	85.47	-143.14	2277	13	O	25
549	FL310	-0.75	Arctic Basin	85.73	-142.65	2424	13	O	25
550	FL429	-0.75	Arctic Basin	86.05	-133.92	2215	13	O	25

Appendix 2. ***Modern Arctic Ostracode Database species occurrence file*** **(MAOD SPOC file).** Numbers refer to number of individuals; single valve or carapace each count as one. Sample numbering in Appendix 2 does not correspond to sample numbers in Appendix 1. Note that species number 2, *Acetabulosa sp.*, is suppressed for this appendix because it does not occur in any of the samples presented in this report. The taxon occurs in the Arctic and will be reported in future reports.

LLtile#	Locality/Category	sumtemp	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1	AW-OM1&2	11.5							40														
2	AW-S745	12								55													
3	White Bear Hazel 18	9.4				2																	
4	AW-2399	10.5			31																		
5	AW-2839	10.5			2																		6
6	AW-2365	11.1			13					3													3
7	AW-2789	11	1		14																		
8	AW-2905	10.5	570	2	3					15													104
9	AW-2904	10.5	23		1					5													29
10	AW-2375	10.8			12					1													11
11	AW-2819	11.7	11							2													5
12	AW-3143	10.5	4																			4	64
14	GV83033#45	0				18			3	10									8				
15	GV83033#44	-1.6	26	1		15				17				13	9				61				3
17	LA-81-NA-9	9									1												
18	AW-3101A	10.3	4		64				1	111													130
19	LA-81-NA-59	9																					
20	AW-3161	11	4																				23
21	AW-3154	9.7			1																		25
23	GV83033 #30	2																					
24	Alaska 66	9																					
25	AW-IH25	9.4	41										44	2									55
26	DC1-79-EG-1	12	89							1													
27	DC2-80-EG-73	13	30													1							
28	DC2-80-EG-186	13	36														2						
29	Bart. LT 29 Hazel 16	-1				2																	
30	Bart.LT30	-1				22								10									
31	EGAL-75-KC-53	13	59																				
32	BFM-78-1	12	8												41								
33	Ikerssauk 15	4.6																					
34	HX 139 004 NUN 1	4																					
35	Ikerssauk 5	4																					
36	Penney Ikerss.#1	3.2																					
37	Ikerssauk 2	5																					
38	Ikerssauk 4	5																					
39	HX 139 033 SIK 7	4							4														
40	HX 139 014 PUN 3	4																					
41	HX 139 006 NUN 3	4																					
42	HX 139 035 SLI 2	2	3																				
43	HX 139 030 SIK 5	4																					
44	HX 139 056 VNG 1	1																					
45	HX 139 051 SMI 6	2																					
47	HX 139 029 SIK 3	4										1											
48	HX 139 027 SIK 2	4										1											
49	HX 139 0011 NUN 7	4										4											
50	HX 139 049 SMI 4	2	6																				
51	HX 139 041 SLI 6	2										9											
52	HX 139 047 SMI 3	2										1											
53	Bart. LT 22	2																					
54	Bart. Crystal Harbour	2				3																	
55	GV82027-45	-1.3				92			1	3				8	5				12			1	
56	Chest. Inlet 11	2.16		3		6									1								
57	HX 139 046 SMI 2	2										1											
58	Bart. LT 21 Hazel 12	0				3				2				1									
59	Bart. 20 LT 42 Hazel 11	0				21										1			1				
60	K1-78-BS-22	8.8										12											
61	SEA-5-76-156	8.8	1									4											
62	HU85-027-76	0																					
64	Chest. Inlet 95a	-1		30		39				4		1		1	9								
65	Chest. Inlet 3	1.66		4		15			1	2		1											

LLfile#	Locality/Category	sumtemp	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
66	Bart. LT 20 Hazel 10	0		2		2								3			5					22	
67	Chest. Inlet 2	1.85		34		41			1	1				2	17								
68	Chest. Inlet 14	1.97		1		11			3						2								
69	Chest. Inlet 1	-1		24		114			3	7					25								
70	Chest. Inlet 7	1.24	1	5		4			2	1				1	1				2				
71	Chest. Inlet 6	1.2	1			17			3	2					5				2				
72	Chest. Inlet 5	0.67		35		56				1				2	12				1				
73	Chest. Inlet 4	1.09		6		12			6					3	6								
74	Chest. Inlet 9	-0.5	1	1		81				1				1	5								
75	S5-77-BS-29	10	1									91											
76	SEA-5-75-169A	10																					
77	Chest. Inlet 15	1.99		6		24			1					3	3								
78	Chest. Inlet 17	1.26		3		31			4	2				6	3				1				
79	Chest. Inlet 18	2.04		4		20			3	1					2								
80	Chest. Inlet 16	0.83	3			13			1	1					1				2				
81	Chest. Inlet 20	1.46				9																	
82	Chest. Inlet 19	1.32		1		16			5			1											
83	SEA-5-76-137	12	3						4														
84	GV82027-67	-1.5				23			1										6			3	
85	SEA5-125A	11							2														
86	HU81-045-20	0																					
87	S5-77-BS-17	11																					
88	Bart. Coral harbor	4				2																	
89	S5-77-BS-16	10	3																				
90	S5-77-BS-18	10	1																				
91	Bart. 98	-0.5	2	1		29				2									8			7	
92	Bart. 97	0.5																					
93	S5-77-BS-27	11	1						5														
94	SEA-5-76-174	11																	12				
95	SEA-5-76-131D	11	6						14														
96	Alpha-H #9	8	2						3					5					17				4
97	Alpha-H #4	8							3										7				
98	SEA-5-76-72A	8.5							2														
99	Chest. Inlet 8	-0.49	1	32		113			8	40				4	15								
100	Penney274101	3				1					1	2											
101	Northwind 5	3	2																2				
102	Bart. 19	-1								22		1											
103	Northwind 6	3																					
104	Bart. 47	1		2								2											
105	Bart. 49	1	15	16						6								9					
106	Bart. 46	1	4	16						1								11					
107	Bart. 30	1	11	11						4		2						1					
108	Bart. 33	1	23	6														9					
109	Bart. 5	1	56			2				2								9					
110	Bart. 48	1	1	1								1											
111	Bart. 29	1	12	1						3													
112	Bart. 31	1	14	14								1											
113	Bart. 55	1	3	1		2				5		1			1		1	16				8	
114	AW-37-161-51	2																					
115	Bart. LT34 Hazel #9	1				3																	
116	Northwind 63 STA 10	3																					
117	Northwind 63 STA 11	3	1																				
118	AW-V5-33-78-21	8					4																
119	Northwind 63 STA 13	3																					
120	AW-NN	8																					
121	AW-62-150-11	7																	1				
122	AW-57-328-70	8																					
123	AW-52-160-10	8																					
124	AW-57-328-28	5																					
125	AW-57-328-80	8					14																

LTfile#	Locality/Category	sumtemp	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
126	AC-71-27	4																					
128	AW-62-160-9	8		3			48							1		1							
130	HU69-050,825	-1	6																				
131	AC-71-6	1																					
132	AC-71-7	1																					
133	Bart.#70	2																					
134	HU69-050,826	-1	3																			1	
135	HU69-050,834	-0.5	6																				
138	AW-57-328-32	5																					
139	AC-71-3	1.5																					
142	HU69-050,833	-1.3	7																1				
143	PRZO 70-22-23	-1.25	13									3		2	1	3		3	7				
144	AC-71-10	0																					
145	AW-62-160-8	8					1																
145	SEA-5-76-145	10										1											
147	81-APB-13	2									1	2											
148	81-APB-12	2									1												
152	81-ABP-11	2									72	2											
155	HU69-050,619	-0.5	81						4							1		1					
157	AC-71-1	-0.3																					
163	PRZO 70-22-82	-1																					
164	81-AER-35	1.3	4						1		3							1					
166	RICH 1970-22	2.5																					
168	AC-71-36	2.2																					
169	AC-71-38	3										6											
170	81-AER-34	0.3	12	1														2					
171	AC-71-53	1.5	15						6														
172	PRZO 71-94	-1																					
173	81-AER-33	-1	5	1					1							1	1	1		1			
174	AW-62-160-7	7		1									1										8
176	PRZO 70-22-90	-1.5	3																				
177	Northwind 63 STA 56	1.6																					
182	81-AER-31	-1	7													1				1			
183	81-AER-32	1	14						7							2	5			1			
186	AC-71-37	2									25	1											
188	PRZO 70-22-94	-1																					
193	HU69-050,838	-1.25	10																				
194	PRZO 71-51	-1.5	1								1								1				
195	PRZO 71-136	0	6																1				
196	81-ABP-21	-1.53									8	19											
198	AC-71-39	4									5												
199	Bart. LT 27 Hazel 8	3																					
200	HU69-050,861	0.3							1		1												
202	PRZO 70-22-120	-1.75	8						8							1	5	2	7	5		1	
205	81-APB-20	-0.35	6								31	5											
206	HU69-050,831	0	6						1							1				1			
210	81-APB-19	1	1																				
211	81-APB-18	1	6															2					
212	AC-71-42	2									1												
216	PRZO 70-22-126	-1.3	6						2											2		1	
217	PRZO 70-22-130	-1.3	42						4									1	6	3		4	
220	81-APB-17	-0.43	6													1		2					
221	Barnes 18-80	1	2								6	28											
222	Barnes 19-80	0.5									4	19											
223	HU69-050,851	-1.2	5																4	1			
224	79-ABP-14	-0.18									1												
225	72-ABP-12	-0.43																					
227	HU69-050,837	-1.3	2						1														
232	Northwind 63 STA 45	0																					
233	72-ABP-11	-0.18									4							4					

t.t.file#	Locality/Category	sumtemp	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
234	Barnes 16-80	0.3										3	247					1					
236	HU69-050,830	-1.3	2																				
239	AW-62-160-3	7																					1
239	Barnes 17-80	1.25									74	20						1					
240	72-AJT-26	-1.67									96	36											
244	Barnes 22-80	0.5									4	1											
246	71-ABP-23	1	16															3					
247	72-ABP-1	-1.45	2																				
250	Barnes 34-80	-1.45	5								2	1						1					
253	AC-71-45	2.3									28	23											
254	71-ABP-1	-1.45	9						2						1								
255	79-ABP-22	-1.67									2												
256	72-AJT-120A	1									4							2					
257	79-ERK-12	-1.07																					
258	72-AER-151	-0.05									22												
259	Barnes 21-80	-0.5									27	2											
261	79-ABP-23	-0.05									1							1					
262	Barnes 20-80	0.5	1								30	24											
265	71-ABP-12	-1.32	4								2	4						3					
266	72-AER-150	-0.05	2						2		3												
268	72-AER-149	-0.05										1											
270	72-ABP-26	-0.05	3					1								1							
273	Barnes 23-80	0.5									4	1											
274	71-ABP-13A	-1.38	1									1						6					
275	72-ABP-25	-1.38	3															1					
276	72-AER147	-1									4												
277	Barnes 26-80	-0.3	12								82	117						2					
278	HU69-050,836	-0.3	5	2				1	3									3	2			1	
280	HU69-050,886	2	3								1												
281	72-AER-146	-1	1								2	1											
286	71-ABP-2	-1.45																					
288	72 -ABP-14	-1.44																					
290	PRZO 71-72	-1.3	11												2			2		1			
292	71-AJT-45	-1.39									2												
294	AC-71-48	1.7									2	199											
296	71-ABP-11	-1.44	3																				
297	71-ABP-38A	-1.39	6																				
298	Barnes 25-80	-1	2								1	1											
299	72-AER-94	-1.39									12	215											
303	72-AER-99	-1.39									5	13											
304	72-AER-162	-1.39									3	25											
308	72-AER-103	-1.39									5	7											
310	71-ABP-3	-1.45																					
311	72-AER-109	-1.39						2			3	21											
312	71-AJT-34	0.7									1												
313	80ER53	-0.1										68											
314	Barnes 27-80	-1	20						2		37	12											
316	72-AER-85	-0.83									5	30											
319	72-AER-107	-0.83						1				5											
320	AW-EH-2	6		5		3		1					1								1		4
322	72-AER-106	3.91										2											
324	HU69-050,878	1.3	4									1							3				
325	AC-71-47	1.5	22						5										20	2			
327	72-AER-165	-0.83									3	2											
329	72-ABP-9	0.36	2	2											1								
330	72-AER-138	-1.46	9													23		5		1			
331	80PB50	-0.83	59					1	1		37	27			3			31					
332	AW-62-160-1	7																					2
337	Barnes 47-80	-1	1								8												
340	72-AER-127	0.7									2												

Lfiles	Locality/Category	sumtemp	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
341	72-AER-121	0.7									4	2											
347	72-AER-124	0.7	4								12	8											
350	PRZO 72-44	1.5	58						1			1						1	20	3			
351	71-ABP-5	0.36																					
353	71-AJT-32	1										5											
354	72-AER-70	1										6											
355	79-ABP-34	0.7									6												
356	72-AER126	0.7									3												
359	Barnes 58-80	1									30	9											
361	Barnes 28-80	0	2								8	8						1					
362	81-APB-24	-0.76	13															3					
363	81-ABP-25	-0.76	8															3					
368	71-ABP-10	-1.43						1															
369	72-AJT-41	0									3												
373	82-AER-12	-1.75	4					1															
376	PRZO 72-41	1.2	58						1									11	12	4			6
377	71-AJT-33	1									2							2					
382	71-ABP-69	-1.75	1													1		1					
383	Barnes 56-80	-0.15									2	39											
384	72-AJT-42	0	3								1					1		2					
385	Barnes 66-80	-1	1								1	2						1					
386	Barnes 71-80	-1										1											
389	71-ABP-37	-1.75	5																				
390	AW-57-328-17	3																					
391	71-ABP-9	-1.35																					
392	71-ABP-34	1.95	6															1					1
394	71-ABP-50	1.92	8													1		3					
406	71-ABP-8	-1.25																					
407	80ER79	-0.3																					
408	72-AJT-31	-0.3	1						1														
409	71-ABP-33	2.45	9								4												
411	AW-57-326-91	7			5					4													
412	80ER80	-0.3	1						1							2		2					
416	PRZO 71-187	-1.75	9						7										1				
419	71-ABP-39A	-1.66	1													1							
420	80ER77	3.53	2													1				1			
422	71-AJT-35	0.31	1																				
423	80ER81	-1.43														2							
424	71-ABP-40B	1.1																					
425	E. of Drew Pt.	1									5	10											
426	Barnes 35-80	-0.21									8												
433	80PB40	-1.43	2								5							2					
436	Barnes 38-80	0.16									33												
437	Barnes 44-80	0.38	4								6	5											
438	Barnes 45-80	0.38										301											
439	72-ABP-61	0.21	1								44							2					
440	72-ABP-43	0.16	4									1						1					
441	Barnes 57-80	-0.25									1	7											
444	71-ABP-41A	0.69	1									1											
445	Barnes 30-80	-0.29										3											
450	71-ABP-30B	0.56	2													1							
454	71-ABP-90	-0.67	7															2					
458	71-ABP-61A	2																					
462	71-ABP-43	-1.5	14								1							2	2				
463	71-ABP-60	-1.6	2																				
469	Tapkaluk Pass	1										3											
470	Eluitkit Pass	1									16	19											
473	Northwind 63 STA 50	-1	3																				
474	71-ABP-93	-0.6																					
477	71-ABP-88A	-1.4							1														

LLfile#	Locality/Category	sumtemp	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
478	Northwind 63 STA 51	-1																					
481	Northwind 63 STA 77	-1																					
482	Northwind 63 STA 79	-1																					
483	Northwind 63 STA 71	-1																					
484	Northwind 63 STA 130	-1.5																					
485	Northwind 63 STA 83	-0.5														3							
486	Northwind 63 STA 63	-0.5														1							
487	Bart. LT 33 Hazel 7	-1							2		1					1	1						
488	Bart. LT 51 Hazel 6	-1		4		8			3		26								1				
489	Northwind 63 STA 95	-1.5																					
490	Northwind 63 STA 97	-1.5																					
492	AW-57-328-46	5				47								1									
493	Bart. LT 35 Hazel 5	-1	14	4		8		3	13							3			2				3
495	Northwind 165	-1.5							2														
496	Northwind 145	-1.5	2						2							3							
497	Northwind65 STA 41	0.5								5						5							
499	Northwind 139	-1.5																					
500	Bart. LT 31 Hazel 4	-1																					
503	AW-R-1	4	126	24		494		9		62		3			53				10				
504	Northwind 63 STA143	-1.5	2						2							3							
505	Bart. LT 23 Hazel 3	0		2		24			1									10				2	
506	Thule, N. Sta.Bay (2)	0	2	16																			
507	Bart. N.Omenolu	0		13		1												1					
508	Bart. LT 26 Hazel 2	0		14		2																	
509	Northwind65 STA35	0		4					3							1				3			
518	Bart. LT 52 Hazel #1	-1.5																					
524	AW-CF	-1.5	2			40																40	
528	Northwind STA106	0.5											17								8	14	
532	Northwind STA112	0											13	5		2					21	121	
	TOTAL		1958	359	146	1491	67	21	215	404	902	1520	323	74	224	70	20	187	243	30	30	230	487

LLfile#	Locality/Category	sumtemp	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
1	AW-OM1&2	11.5																					
2	AW-S745	12																					
3	White Bear Hazel 18	9.4																					
4	AW-2399	10.5			1												4						
5	AW-2839	10.5			28			1									8	4	1				
6	AW-2365	11.1			10																		
7	AW-2789	11			1														2				
8	AW-2905	10.5			277					1							119		315		4	6	
9	AW-2904	10.5		4	32												26		93				
10	AW-2375	10.8			53			2									6	1			1	2	
11	AW-2819	11.7			2												1		24				
12	AW-3143	10.5			11			22	3								39		3			8	
14	GV83033#45	0		28			4		10											8		2	
15	GV83033#44	-1.6		15	9											17	21		16	3		2	
17	LA-81-NA-9	9															19						
18	AW-3101A	10.3			194												284	1	8		6		
19	LA-81-NA-59	9																		1			
20	AW-3161	11			1												31		2			3	
21	AW-3154	9.7			35			14									54						
23	GV83033 #30	2																	2				2
24	Alaska 66	9			4				4								2						
25	AW-IH25	9.4			41			49	50										77			8	
26	DC1-79-EG-1	12																			1		
27	DC2-80-EG-73	13		9													28						
28	DC2-80-EG-186	13														1	14						
29	Bart. LT 29 Hazel 16	-1							4											9		1	
30	Bart.LT30	-1		15			1		5										8	18		3	
31	EGAL-75-KC-53	13															11						
32	BFM-78-1	12																					
33	Ikerssauk 15	4.6																					
34	HX 139 004 NUN 1	4																					
35	Ikerssauk 5	4																30					
36	Penney Ikerss.#1	3.2		1																			
37	Ikerssauk 2	5																					
38	Ikerssauk 4	5		2																			
39	HX 139 033 SIK 7	4																					
40	HX 139 014 PUN 3	4																					
41	HX 139 006 NUN 3	4																					
42	HX 139 035 SLI 2	2																					
43	HX 139 030 SIK 5	4																					
44	HX 139 056 VNG 1	1																					
45	HX 139 051 SMI 6	2																1					
47	HX 139 029 SIK 3	4																					
48	HX 139 027 SIK 2	4																					
49	HX 139 0011 NUN 7	4																					
50	HX 139 049 SMI 4	2															1						
51	HX 139 041 SLI 6	2																					
52	HX 139 047 SMI 3	2																					
53	Bart. LT 22	2		72																37			
54	Bart. Crystal Harbour	2							1										1	3			
55	GV82027-45	-1.3		52	4		1		16										25	122			28
56	Chest. Inlet 11	2.16					1		3										20	17	1		
57	HX 139 046 SMI 2	2															2						
58	Bart. LT 21 Hazel 12	0		15													2			33			
59	Bart. 20 LT 42 Hazel 11	0							1								1			18			1
60	K1-78-BS-22	8.8																					
61	SEA-5-76-156	8.8																					
62	HU85-027-76	0		2																6			2
64	Chest. Inlet 95a	-1							14										21	56			5
65	Chest. Inlet 3	1.66			5				6										37	28			3

Lithe#	Locality/Category	sumtemp	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
66	Bart. LT 20 Hazel 10	0		32	61											2				85			38
67	Chest. Inlet 2	1.85		1	4				24										43	79	1		17
68	Chest. Inlet 14	1.97			3				6										10	26			4
69	Chest. Inlet 1	-1			10				15										85	78	2		36
70	Chest. Inlet 7	1.24			3		1		5										7	6			2
71	Chest. Inlet 6	1.2			2				3										51	60			6
72	Chest. Inlet 5	0.67			8				18										23	103			18
73	Chest. Inlet 4	1.09			8				3										39	51			8
74	Chest. Inlet 9	-0.5			10		1		17										62	120	1		11
75	S5-77-BS-29	10																					
76	SEA-5-75-169A	10																1					
77	Chest. Inlet 15	1.99			7		4		16										24	12			1
78	Chest. Inlet 17	1.26		4	10		2		6										14	9			3
79	Chest. Inlet 18	2.04		5	6		5												10	8			3
80	Chest. Inlet 16	0.83																	8	5			
81	Chest. Inlet 20	1.46			1				4											1			
82	Chest. Inlet 19	1.32		8			2		2										7	2			1
83	SEA-5-76-137	12																					
84	GV82027-67	-1.5		20	2				2										14	15		1	5
85	SEA5-125A	11																2					
86	HU81-045-20	0																					
87	S5-77-BS-17	11																					
88	Bart. Coral harbor	4		1									3						26	2			
89	S5-77-BS-16	10		1																			
90	S5-77-BS-18	10																					
91	Bart. 98	-0.5		38	2				2				4			2				20			
92	Bart. 97	0.5															1						
93	S5-77-BS-27	11																			2		
94	SEA-5-76-174	11		1															9				
95	SEA-5-76-131D	11		2																			
96	Alpha-H #9	8							30								2			14			7
97	Alpha-H #4	8																		6			
98	SEA-5-76-72A	8.5			1																		1
99	Chest. Inlet 8	-0.49		7	11		2		52										84	94	3		11
100	Penney274101	3		1																	2	28	
101	Northwind 5	3		32	3												85			17			12
102	Bart. 19	-1							2										3			1	2
103	Northwind 8	3		2																			1
104	Bart. 47	1											1										
105	Bart. 49	1		2					11											36			
106	Bart. 46	1					1		21											17			
107	Bart. 30	1		10	1															2			
108	Bart. 33	1																		16			
109	Bart. 5	1			1				1				1						9	4			
110	Bart. 48	1											1							1			2
111	Bart. 29	1		12																1			
112	Bart. 31	1		12	1				2											7			
113	Bart. 55	1			6	3							3			2			1	10			
114	AW-37-181-51	2																					
115	Bart. LT34 Hazel #9	1			1		3		1											1			
116	Northwind 63 STA 10	3																					
117	Northwind 63 STA 11	3		2																			
118	AW-V6-33-78-21	8															7						
119	Northwind 63 STA 13	3																					
120	AW-NN	8																					
121	AW-62-160-11	7																					
122	AW-57-328-70	8																					
123	AW-62-160-10	8							1														
124	AW-57-328-28	5																		1			
125	AW-57-328-80	8					1		1								7			1			1

Lfile#	Locality/Category	sumtemp	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
126	AC-71-27	4										1											
128	AW-62-160-9	8						5	27								1						
130	HU69-050,825	-1	2									1											
131	AC-71-6	1										28											
132	AC-71-7	1										5											
133	Bart.#70	2															1		2				
134	HU69-050,826	-1																					
135	HU59-050,834	-0.5	2									4											
138	AW-57-328-32	5																					
139	AC-71-3	1.5										1											
142	HU69-050,833	-1.3	1																				
143	PRZO 70-22-23	-1.25	3	4						1		1			1		6			9			
144	AC-71-10	0										23											
145	AW-62-160-8	8																					
145	SEA-5-76-145	10																					
147	81-APB-13	2																					
148	81-APB-12	2																					
152	81-ABP-11	2																					
155	HU69-050,819	-0.5	3	2					5		1	5					4			6			1
157	AC-71-1	-0.3										1											
163	PRZO 70-22-82	-1	3									13											
164	81-AER-35	1.3	1	1								1					1				5		
166	RICH 1970-22	2.5										223											
168	AC-71-36	2.2										2											
169	AC-71-38	3										1											
170	81-AER-34	0.3	9									7			1		1						
171	AC-71-53	1.5											1										
172	PRZO 71-94	-1	4									43					1						
173	81-AER-33	-1	12									11			2		2						
174	AW-62-160-7	7		1			2																
176	PRZO 70-22-90	-1.5																					
177	Northwind 63 STA 56	1.6																					
182	81-AER-31	-1	5									2					1						
183	81-AER-32	1	10						1			3					1						
186	AC-71-37	2	1									25					1				2		
188	PRZO 70-22-94	-1	9	1								41					1			1			
193	HU69-050,838	-1.25	2																	3			
194	PRZO 71-61	-1.5	24									84											
195	PRZO 71-136	0	18									18											
196	81-ABP-21	-1.53																					
198	AC-71-39	4										2											
199	Bart. LT 27 Hazel 8	3		8																5		1	
200	HU69-050,861	0.3	1									10											
202	PRZO 70-22-120	-1.75	6							1										3			
205	81-APB-20	-0.35		1																			
206	HU69-050,831	0																		3			
210	81-APB-19	1	3	2								4											
211	81-APB-18	1	4	1								19					10						
212	AC-71-42	2	5									133					2				1		
216	PRZO 70-22-126	-1.3		2							1				3					15			
217	PRZO 70-22-130	-1.3		6							1	4	2				7			58			2
220	81-APB-17	-0.43		1																			
221	Barnes 18-80	1																			1		
222	Barnes 19-80	0.5	2									2									2		1
223	HU69-050,851	-1.2	12									6											
224	79-ABP-14	-0.18																			2		
225	72-ABP-12	-0.43	2									3											
227	HU69-050,837	-1.3																		4			
232	Northwind 63 STA 45	0																					
233	72 ABP-11	-0.18	2									5					1						

LLfile#	Locality/Category	sumtemp	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
234	Barnes 16-80	0.3															1						
236	HU69-050,830	-1.3													1					9			
239	AW-62-160-3	7																			1		
239	Barnes 17-80	1.25	3																			7	
240	72-AJT-26	-1.67										2									2		
244	Barnes 22-80	0.5																			1		
246	71-ABP-23	1	10									11											
247	72-ABP-1	-1.45	2									2											
250	Barnes 34-80	-1.45	3	2								15					1						
253	AC-71-45	2.3																			1		
254	71-ABP-1	-1.45	1								2												
255	79-ABP-22	-1.67										18											
256	72-AJT-120A	1																					
257	79-ERK-12	-1.07	2						29								4				3		
258	72-AER-151	-0.05																					
259	Barnes 21-80	-0.5																					2
261	79-ABP-23	-0.05																					
262	Barnes 20-80	0.5		4								3											2
265	71-ABP-12	-1.32	10							5	1												
266	72-AER-150	-0.05		1																			
268	72-AER-149	-0.05		7																			1
270	72-ABP-26	-0.05	6									12					6						
273	Barnes 23-80	0.5																					
274	71-ABP-13A	-1.38	17									18											
275	72-ABP-25	-1.38	17								1	33					11						
276	72-AER147	-1																					
277	Barnes 26-80	-0.3	2	23								14					1				6		21
278	HU69-050,836	-0.3	2	3																11			
280	HU69-050,886	2	3	1								21					3						
281	72-AER-146	-1	1	1																	2		
286	71-ABP-2	-1.45																	2				1
288	72 -ABP-14	-1.44																					
290	PRZO 71-72	-1.3		8											1					18			
292	71-AJT-45	-1.39																					
294	AC-71-48	1.7										9					1				10		
296	71-ABP-11	-1.44																					
297	71-ABP-38A	-1.39									2	1											
298	Barnes 25-80	-1	3	2							1	4											
299	72-AER-94	-1.39																					
303	72-AER-99	-1.39																					
304	72-AER-162	-1.39																					
308	72-AER-103	-1.39																					
310	71-ABP-3	-1.45																					
311	72-AER-109	-1.39																					
312	71-AJT-34	0.7	4									1											
313	80ER53	-0.1																					
314	Barnes 27-80	-1	3	4																	1		13
316	72-AER-85	-0.83																					
319	72-AER-107	-0.83																					
320	AW-EH-2	6		2															11		1		
322	72-AER-106	3.91		1																	1		
324	HU69-050,878	1.3	2									55	2										
325	AC-71-47	1.5	12									25					1						
327	72-AER-165	-0.83																					
329	72-ABP-9	0.36			1												3			1			1
330	72-AER-138	-1.46	5									7											
331	80PB50	-0.83	33	84					15			56								1	7		3
332	AW-62-160-1	7							2												1		
337	Barnes 47-80	-1	1																		1		
340	72-AER-127	0.7																					

LLfile#	Locality/Category	sumtemp	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
341	72-AER-121	0.7										8											
347	72-AER-124	0.7										922	17				22						
350	PRZO 72-44	1.5	55																1				
351	71-ABP-5	0.36										1											
353	71-AJT-32	1																					
354	72-AER-70	1																					
355	79-ABP-34	0.7																					
356	72-AER126	0.7																					
359	Barnes 58-80	1	25			25											1						
361	Barnes 28-80	0	10	3								8											
362	81-APB-24	-0.76		3					1			2			3								
363	81-ABP-25	-0.76	1	2													2						
368	71-ABP-10	-1.43																					
369	72-AJT-41	0	3									8											
373	82-AER-12	-1.75		1								1					1						
376	PRZO 72-41	1.2	14	4								102	24				43						
377	71-AJT-33	1	1	2								8											
382	71-ABP-69	-1.75									4	2											
383	Barnes 56-80	-0.15																			2		
384	72-AJT-42	0	1	1								3											
385	Barnes 66-80	-1	4	2								6						1					
386	Barnes 71-80	-1	1									5											
389	71-ABP-37	-1.75										1			1		1						
390	AW 57-326-17	3																					
391	71-ABP-9	-1.35																					
392	71-ABP-34	1.95	1								1												
394	71-ABP-50	1.92	2	1						1		12			3		7						
406	71-ABP-8	-1.25																		1			
407	80ER79	-0.3	5									9					1						
408	72-AJT-31	-0.3	10	1								16					2						
409	71-ABP-33	2.45	1	1																			
411	AW-57-326-91	7		1																			
412	80ER80	-0.3	6								1	7					1						
416	PRZO 71-187	-1.75										1											
419	71-ABP-39A	-1.66									1						1						
420	80ER77	3.53	1														3						
422	71-AJT-35	0.31	16									71											
423	80ER81	-1.43	8												1		1						
424	71-ABP-40B	1.1																					
425	E. of Drew Pt.	1	1																				
426	Barnes 35-80	-0.21	1																				
433	80PB40	-1.43	1	3								7					1			1			1
436	Barnes 38-80	0.16	1																		4		
437	Barnes 44-80	0.38	2	3																	1		
438	Barnes 45-80	0.38																					
439	72-ABP-61	0.21															1						
440	72-ABP-43	0.16	1																				
441	Barnes 57-80	-0.25																					
444	71-ABP-41A	0.69																					
445	Barnes 30-80	-0.29	1									1											
450	71-ABP-30B	0.56																					1
454	71-ABP-90	-0.67	3									3											
458	71-ABP-61A	2																					
462	71-ABP-43	-1.5		1									2										
463	71-ABP-60	-1.6																	1				
469	Tapkaluk Pass	1																					
470	Eluitkit Pass	1										1											
473	Northwind 63 STA 50	-1																					
474	71-ABP-93	-0.6																					
477	71-ABP-88A	-1.4																					

LLfile#	Locality/Category	sumtemp	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
478	Northwind 63 STA 51	-1																					
481	Northwind 63 STA 77	-1																					
482	Northwind 63 STA 79	-1	1																				
483	Northwind 63 STA 71	-1																					
484	Northwind 63 STA 130	-1.5																					
485	Northwind 63 STA 83	-0.5												2									
486	Northwind 63 STA 63	-0.5												2			2						
487	Bart. LT 33 Hazel 7	-1		4																		5	
488	Bart. LT 51 Hazel 6	-1		3																8			
489	Northwind 63 STA 95	-1.5																					
490	Northwind 63 STA 97	-1.5																					
492	AW-57-328-46	5		42	1				1														56
493	Bart. LT 35 Hazel 5	-1				7			1		6						3			1		1	
495	Northwind 165	-1.5		3										2						5			
496	Northwind 145	-1.5		6													1			6			
497	Northwind65 STA 41	0.5									10						1						
499	Northwind 139	-1.5																					
500	Bart. LT 31 Hazel 4	-1							1														
503	AW-R-1	4		137		146			91								26						146
504	Northwind 63 STA143	-1.5		6													2			6			
505	Bart. LT 23 Hazel 3	0		40					15											9			
506	Thule, N. Sta.Bay (2)	0																		12			
507	Bart. N Omenolu	0		13																21			
508	Bart. LT 26 Hazel 2	0		12	1				4				2							28			
509	Northwind65 STA35	0	1																				
518	Bart. LT 52 Hazel #1	-1.5																					
524	AW-CF	-1.5		1		4																	
528	Northwind STA106	0.5															90						
532	Northwind STA112	0					35				18				11		5						
	TOTAL		466	877	873	185	66	93	555	9	51	2244	63	6	28	24	1046	41	1201	1514	82	79	483

LLfile#	Locality/Category	sumtemp	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
1	AW-OM1&2	11.5						1	32				296										
2	AW-S745	12						2	3				268										
3	White Bear Hazel 18	9.4			3		59	130												2			
4	AW-2399	10.5						22	5				3										
5	AW-2839	10.5						4	3	22									1				
6	AW-2365	11.1						9	1	5			1						2			1	
7	AW-2789	11						31	12	2			1			5						19	
8	AW-2905	10.5		5				15	13	50			14			116						76	
9	AW-2904	10.5						7		25			1			5		1				55	
10	AW-2375	10.8						11	5	2												12	
11	AW-2819	11.7							7	1			1									14	
12	AW-3143	10.5								4		1				1					1	55	
14	GV83033#45	0	24				12	22		9		11			7					28	1		
15	GV83033#44	-1.6	26		19		41			8		1			3						17		
17	LA-81-NA-9	9	3																				
18	AW-3101A	10.3		43				212	119	108						1			10		97	33	
19	LA-81-NA-59	9																					
20	AW-3161	11						1		1		1									3	45	
21	AW-3154	9.7						1								126						10	
23	GV83033 #30	2					2																
24	Alaska 66	9	6	37			22			3					1						1		
25	AW-IH25	9.4		47				10		15						15					20		
26	DC1-79-EG-1	12																			42		
27	DC2-80-EG-73	13																			17		
28	DC2-80-EG-186	13																			63		
29	Bart. LT 29 Hazel 16	-1			5		3			1					2					8			
30	Bart.LT30	-1	2		10		9			5		1			2					23			
31	EGAL-75-KC-53	13																			9		
32	BFM-78-1	12																			47		
33	Ikerssauk 15	4.6		3	89	5	6																
34	HX 139 004 NUN 1	4																		46	16		
35	Ikerssauk 5	4		9	8	999	3																
36	Penney Ikerss.#1	3.2			233	27	14																
37	Ikerssauk 2	6			2	55	24																
38	Ikerssauk 4	5		1	149	5																	
39	HX 139 033 SIK 7	4																		8			
40	HX 139 014 PUN 3	4																					
41	HX 139 006 NUN 3	4																		12	1		
42	HX 139 035 SLI 2	2												2									
43	HX 139 030 SIK 5	4																					
44	HX 139 056 VNG 1	1																					
45	HX 139 051 SMI 6	2																		2			
47	HX 139 029 SIK 3	4															1			2			
48	HX 139 027 SIK 2	4																		11			
49	HX 139 0011 NUN 7	4																		10			
50	HX 139 049 SMI 4	2																		11			
51	HX 139 041 SLI 6	2																		12			
52	HX 139 047 SMI 3	2																					
53	Bart. LT 22	2			17	1	33							2	10					4	12		
54	Bart. Crystal Harbour	2					3			1										1	1		
55	GV82027-45	-1.3	31		4		12			19		2			5					91	3		
56	Chest. Inlet 11	2.16	2		3	1	2								2					7			
57	HX 139 046 SMI 2	2																		3			
58	Bart. LT 21 Hazel 12	0			6		3	3							4					24	1		
59	Bart. 20 LT 42 Hazel 1	0								1					3					7			
60	K1-78-BS-22	8.8										6					2						4
61	SEA-5-76-156	8.8															1			6			31
62	HU85-027-76	0													6					1			
64	Chest. Inlet 95a	-1	2		4	7	18			6					7					21			
65	Chest. Inlet 3	1.66	2		4		4			1					1					45	1		

LLfile#	Locality/Category	sumtemp	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
66	Bart. LT 20 Hazel 10	0				3				5													
67	Chest. Inlet 2	1.85	7		7	3	7			7					19					118			
68	Chest. Inlet 14	1.97	5		1		2			3					7					10	1		
69	Chest. Inlet 1	-1	14		68	13	17			8					26					157			
70	Chest. Inlet 7	1.24			1		2			2					9					1	1		
71	Chest. Inlet 6	1.2	2		12	2	11			3					8					14	6		
72	Chest. Inlet 5	0.67	3		10	3	13			12					22					93	1		
73	Chest. Inlet 4	1.09	1		1		2			3					8					33	1		
74	Chest. Inlet 9	-0.5	14		23	3	57			5					5					111			
75	S5-77-BS-29	10										15					23			309	9		342
76	SEA-5-75-169A	10																		46	1		
77	Chest. Inlet 15	1.99	1			2	9			7					9					45			
78	Chest. Inlet 17	1.26				3	13			4					4					15			
79	Chest. Inlet 18	2.04					14			2					5					8	1		
80	Chest. Inlet 16	0.83					1			1					6					18	3		
81	Chest. Inlet 20	1.46				2	4			1					1								
82	Chest. Inlet 19	1.32				3	7								2						1		
83	SEA-5-76-137	12										33		3									4
84	GV82027-67	-1.5			6	1				3					4					49			
85	SEA5-125A	11																		68			11
86	HU81-045-20	0																					
87	S5-77-BS-17	11																		511	4		31
88	Bart. Coral harbor	4				2														2	51		
89	S5-77-BS-16	10										1								30	1		9
90	S5-77-BS-18	10																		8	5		8
91	Bart. 98	-0.5	23		7		10			2				3	2					26			
92	Bart. 97	0.5																		1			
93	S5-77-BS-27	11										3									6		1
94	SEA-5-76-174	11										8			2		1			31			
95	SEA-5-76-131D	11												4			1			2	8		1
96	Alpha-H #9	8								5		4			2					197	3		5
97	Alpha-H #4	8		2								3			12					82	1		
98	SEA-5-76-72A	8.5										2			1								
99	Chest. Inlet 6	-0.49	27		21	2	42			14					12					114	3		
100	Penney274101	3										1								24	2		
101	Northwind 5	3		10	36		18			14		1								25	1		
102	Bart. 19	-1	11			34	13													11			
103	Northwind 6	3					2													1			
104	Bart. 47	1					8													1	17		
105	Bart. 49	1			45	9	80							1	4					51	2		
106	Bart. 46	1			13	4	101								5					33	2		
107	Bart. 30	1			11		44			3					2					107	2		
108	Bart. 33	1			10	2	14			2					1					110			
109	Bart. 5	1					4													101	9		
110	Bart. 48	1			1		9													1	15		
111	Bart. 29	1	2		2		33			8										27	2		
112	Bart. 31	1	2	1	5	2	32			3					1					130	2		
113	Bart. 55	1			6	1	5													7	4		
114	AW-37-161-51	2																1					
115	Bart. LT34 Hazel #9	1																					
116	Northwind 63 STA 10	3																		4			
117	Northwind 63 STA 11	3																					
118	AW-V6-33-78-21	8										4				99		1804		13			
119	Northwind 63 STA 13	3																					
120	AW-NN	8										5				21		1813		2			
121	AW-62-160-11	7	1				3											4					
122	AW-57-328-70	8										8								1			4
123	AW-62-160-10	8										1						127					
124	AW-57-328-28	5																					
125	AW-57-328-80	8																78	13				

LLfile#	Locality/Category	sumtemp	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
126	AC-71-27	4																					
128	AW-62-160-9	8	7				1									14		194	23				
130	HU69-050,825	-1									3	8								10			36
131	AC-71-6	1										2											9
132	AC-71-7	1										13											20
133	Bart.#70	2			1	37	3					4								19	2		
134	HU69-050,826	-1									12	1				7					2		12
136	HU69-050,834	-0.5																					33
138	AW-57-328-32	5	5																				
139	AC-71-3	1.5										1											46
142	HU69-050,833	-1.3										2								2			41
143	PRZO 70-22-23	-1.25										14								7	2		11
144	AC-71-10	0										36											26
145	AW-62-160-8	8														1		63		2			
145	SEA-5-76-145	10										4					1			6			11
147	81-APB-13	2										22											855
148	81-APB-12	2										51											257
152	81-ABP-11	2										26											31
155	HU69-050,819	-0.5									16	71			2	2				8	2		41
157	AC-71-1	-0.3										7											37
163	PRZO 70-22-82	-1										4				1							102
164	81-AER-35	1.3		1			3			1	2	87								3	1		12
166	RICH 1970-22	2.5										34					1						42
168	AC-71-36	2.2										91											227
169	AC-71-38	3										80											493
170	81-AER-34	0.3									1	42				1							33
171	AC-71-53	1.5																			1		32
172	PRZO 71-94	-1										57											165
173	81-AER-33	-1										50				3					1		90
174	AW-62-160-7	7	13	18			24	8	1	15		1						102	5	2			
176	PRZO 70-22-90	-1.5																		5			41
177	Northwind 63 STA 56	1.6																					4
182	81-AER-31	-1									7	34				1					1		36
183	81-AER-32	1									1	38			1	3				1	1		61
186	AC-71-37	2										65									3		65
188	PRZO 70-22-94	-1										1											134
193	HU69-050,838	-1.25										6											60
194	PRZO 71-61	-1.5										27											157
195	PRZO 71-136	0										1											203
196	81-ABP-21	-1.53									1	1								18	1		9
198	AC-71-39	4										22											25
199	Bart. LT 27 Hazel 8	3	3	8	42	1	18			2					11								
200	HU69-050,861	0.3										7									1		32
202	PRZO 70-22-120	-1.75									8	5				2					1		95
205	81-APB-20	-0.35										27				1	1			59	1		4
206	HU69-050,831	0									4	12				2				2			7
210	81-APB-19	1										26				2	2			2			
211	81-APB-18	1	1									18									7		14
212	AC-71-42	2										54									1		92
216	PRZO 70-22-125	-1.3									9	45				12				33	1		
217	PRZO 70-22-130	-1.3									39	125				5				31	6		43
220	81-APB-17	-0.43									23	55			1	1					1		6
221	Barnes 18-80	1										42					2						56
222	Barnes 19-80	0.5										16					1				1		32
223	HU69-050,851	-1.2										4											26
224	79-ABP-14	-0.18										12											4
225	72-ABP-12	-0.43										42									3		49
227	HU69-050,837	-1.3									3	4									1		13
232	Northwind 63 STA 45	0																		3			
233	72-ABP-11	-0.18										15											7

LLfile#	Locality/Category	sumtemp	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
234	Barnes 16-80	0.3										41					11						23
236	HU69-050,830	-1.3										10				10				1			
239	AW-62-160-3	7	1								2							11	4				
239	Barnes 17-80	1.25			1							32					5						44
240	72-AJT-26	-1.67			9							83					1			1	1		82
244	Barnes 22-80	0.5										30											26
246	71-ABP-23	1										120				6					2		43
247	72-ABP-1	-1.45									3	25											3
250	Barnes 34-80	-1.45										79									6		65
253	AC-71-45	2.3										21					5						1
254	71-ABP-1	-1.45										10			2					2	2		1
255	79-ABP-22	-1.67										46								4			26
256	72-AJT-120A	1										35					2			14			22
257	79-ERK-12	-1.07										146								4			8
258	72-AER-151	-0.05										16											4
259	Barnes 21-80	-0.5					1					82			1		1			1			109
261	79-ABP-23	-0.05										13								2			3
262	Barnes 20-80	0.5	1									34								7	3		172
265	71-ABP-12	-1.32										46									1		57
266	72-AER-150	-0.05			2		1					37			2						1		17
268	72-AER-149	-0.05		1	1		2					56			1								30
270	72-ABP-26	-0.05										10				1					1		10
273	Barnes 23-80	0.5										8											3
274	71-ABP-13A	-1.38										22									5		40
275	72-ABP-25	-1.38										74									12		65
276	72-AER147	-1										16									2		2
277	Barnes 26-80	-0.3	7				12			2		222			6		5			82	28		187
278	HU69-050,836	-0.3		1								8				6				5			5
280	HU69-050,886	2																			5		23
281	72-AER-146	-1			1							36								2	1		13
286	71-ABP-2	-1.45										5				1				2			
288	72 -ABP-14	-1.44									10	9				4				7			
290	PRZO 71-72	-1.3									16	13		2		7				1			
292	71-AJT-45	-1.39										4											3
294	AC-71-48	1.7										124					11				7		34
296	71-ABP-11	-1.44									1	23				2					1		7
297	71-ABP-38A	-1.39									1	26				16					1		9
298	Barnes 25-80	-1					1					19								2	1		10
299	72-AER-94	-1.39										60					2				1		52
303	72-AER-99	-1.39										8											8
304	72-AER-162	-1.39										19											13
308	72-AER-103	-1.39										16											7
310	71-ABP-3	-1.45										2											
311	72-AER-109	-1.39										54											20
312	71-AJT-34	0.7										10											9
313	80ER53	-0.1																					
314	Barnes 27-80	-1	4				2					355			6		2			7	19		96
316	72-AER-85	-0.83										326								59			
319	72-AER-107	-0.83										6											6
320	AW-EH-2	6	11									1						145	25				
322	72-AER-106	3.91	1	1								10					1						13
324	HU69-050,878	1.3																			32		24
325	AC-71-47	1.5										2									10		17
327	72-AER-165	-0.83										1					1			17			
329	72-ABP-9	0.36									1	11				5				19			
330	72-AER-138	-1.46										9				7				1	2		70
331	80PB50	-0.83					22			1	2	287				2	16			39	24		193
332	AW-62-160-1	7										2						15	4				
337	Barnes 47-80	-1										4								1			3
340	72-AER-127	0.7										52											96

LLfile#	Locality/Category	sumtemp	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
341	72-AER-121	0.7										24											56
347	72-AER-124	0.7			2					2		72									10		194
350	PRZO 72-44	1.5																			60		113
351	71-ABP-5	0.36																					
353	71-AJT-32	1										3									1		11
354	72-AER-70	1										125					1						34
355	79-ABP-34	0.7		1								3								3	1		5
356	72-AER126	0.7										6								3			6
359	Barnes 58-80	1										14					1			41	1		22
361	Barnes 28-80	0										27								6	9		77
362	81-APB-24	-0.76									3	76				6					1		6
363	81-ABP-25	-0.76									1	39				3							
368	71-ABP-10	-1.43									3	3				1				2			
369	72-AJT-41	0		1								11								3	3		50
373	82-ALN-12	-1.76										39				1					1		3
376	PRZO 72-41	1.2										26									17		20
377	71-AJT-33	1										19									6		23
382	71-ABP-69	-1.75										5				15							4
383	Barnes 56-80	-0.15										580					1						174
384	72-AJT-42	0										20									1		19
385	Barnes 66-80	-1										19					1				2		72
386	Barnes 71-80	-1										1											25
389	71-ABP-37	-1.75									1	18				1							3
390	AW-57-328-17	3																					
391	71-ABP-9	-1.35										2								1			
392	71-ABP-34	1.95									8	22				3				3			6
394	71-ABP-50	1.92										15				4				1	3		38
406	71-ABP-8	-1.25										1				1							
407	80ER79	-0.3										10				1					1		70
408	72-AJT-31	-0.3										12									2		43
409	71-ABP-33	2.45									1	30			1					2	2		30
411	AW-57-326-91	7	1					11					1									1	
412	80ER80	-0.3									2	7									4		118
416	PRZO 71-187	-1.75									10					34					4		1
419	71-ABP-39A	-1.66									4	3				3				1	1		
420	80ER77	3.53									1	12											41
422	71-AJT-35	0.31										25									1		138
423	80ER81	-1.43									1	11				1					1		21
424	71-ABP-40B	1.1									5					1				2			
425	E. of Drew Pt.	1										8								13	1		34
426	Barnes 35-80	-0.21										12											2
433	80PB40	-1.43										13								32			11
436	Barnes 38-80	0.16										4					1			4			12
437	Barnes 44-80	0.38	6									13								3	4		20
438	Barnes 45-80	0.38										19											6
439	72-ABP-61	0.21										16					1			10			10
440	72-ABP-43	0.16										14									3		25
441	Barnes 57-80	-0.25										17											16
444	71-ABP-41A	0.69																					
445	Barnes 30-80	-0.29										8											29
450	71-ABP-30B	0.56										2								3			
454	71-ABP-90	-0.67										8									4		29
458	71-ABP-61A	2										1				2							
462	71-ABP-43	-1.5		1								4								3	1		5
463	71-ABP-60	-1.6										1								5			1
469	Tapkaluk Pass	1										2					1						1
470	Eiuitkit Pass	1										8								34	3		16
473	Northwind 63 STA 50	-1																					
474	71-ABP-93	-0.6										8											3
477	71-ABP-88A	-1.4																					

LLfile#	Locality/Category	sumtemp	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
478	Northwind 63 STA 51	-1																		2			
481	Northwind 63 STA 77	-1																					1
482	Northwind 63 STA 79	-1																					
483	Northwind 63 STA 71	-1										1											
484	Northwind 63 STA 130	-1.5																					2
485	Northwind 63 STA 83	-0.5										2											3
486	Northwind 63 STA 63	-0.5										5											20
487	Bart. LT 33 Hazel 7	-1			1							18								2			
488	Bart. LT 51 Hazel 6	-1			8		6					22								3	1		6
489	Northwind 63 STA 95	-1.5																					
490	Northwind 63 STA 97	-1.5										1											13
492	AW-57-328-46	5	45				1	7	1	23													
493	Bart. LT 35 Hazel 5	-1			12		4					37				13							
495	Northwind 165	-1.5									4					1							8
496	Northwind 145	-1.5									13					3							13
497	Northwind65 STA 41	0.5															1						
499	Northwind 139	-1.5																					39
500	Bart. LT 31 Hazel 4	-1			6		3			1													
503	AW-R-1	4	39	42	52		460			51		30								138	38		
504	Northwind 63 STA143	-1.5									13					4					1		12
505	Bart. LT 23 Hazel 3	0		1	41		3			18					2								
506	Thule, N. Sta.Bay (2)	0					1																
507	Bart. N.Omenolu	0		4	5	2	7			1					12					3			
508	Bart. LT 26 Hazel 2	0			11		16			1					9					2			
509	Northwind65 STA35	0														2							
518	Bart. LT 52 Hazel #1	-1.5										2											
524	AW-CF	-1.5	4				38			4		25											
528	Northwind STA106	0.5										2											
532	Northwind STA112	0																					
	TOTAL		360	238	1037	1234	1475	507	202	528	234	5923	586	17	289	614	108	4358	87	3951	915	321	7922

LLfile#	Locality/Category	sumtemp	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
1	AW-OM1&2	11.5																					
2	AW-S745	12																					
3	White Bear Hazel 18	9.4			3																	41	28
4	AW-2399	10.5		2					3													3	
5	AW-2839	10.5		1					1													60	
6	AW-2365	11.1		8					1														11
7	AW-2789	11		5					6							9		22				42	
8	AW-2905	10.5		6					4		1		64			18		254				51	
9	AW-2904	10.5											7			39							2
10	AW-2375	10.8		11					3							7						3	
11	AW-2819	11.7							6				26			61						1	
12	AW-3143	10.5									7		39			1						13	
14	GV83033#45	0				145												20		56		8	5
15	GV83033#44	-1.6			6	32												11				2	
17	LA-81-NA-9	9																				3	
18	AW-3101A	10.3		82					1		29		46			169		77		1		52	
19	LA-81-NA-59	9																41					
20	AW-3161	11															1					16	
21	AW-3154	9.7									5		57	1		1							
23	GV83033 #30	2																					
24	Alaska 66	9				39	96	36													8	4	
25	AW-III25	9.4		20									54			25		166				94	
26	DC1-79-EG-1	12						1	4														
27	DC2-80-EG-73	13			1			12								16							
28	DC2-80-EG-186	13									1												
29	Bart. LT 29 Hazel 16	-1				3										3		3		2			1
30	Bart.LT30	-1				8										1		50		3		1	
31	EGAL-75-KC-53	13					13									28						1	
32	BFM-78-1	12																					
33	Ikerssauk 16	4.6														1				1			
34	HX 139 004 NUN 1	4																6					
35	Ikerssauk 5	4																					
36	Penney Ikerss.#1	3.2														3						1	
37	Ikerssauk 2	5																				1	
38	Ikerssauk 4	5			5												1						
39	HX 139 033 SIK 7	4																12					
40	HX 139 014 PUN 3	4																6					
41	HX 139 006 NUN 3	4																1					
42	HX 139 036 SLI 2	2						3															
43	HX 139 030 SIK 5	4																					
44	HX 139 056 VNG 1	1						1															
45	HX 139 051 SMI 6	2																					5
47	HX 139 029 SIK 3	4						1															
48	HX 139 027 SIK 2	4						3										6					
49	HX 139 0011 NUN 7	4						1										5					
50	HX 139 049 SMI 4	2						1															1
51	HX 139 041 SLI 6	2																3					
52	HX 139 047 SMI 3	2																					
53	Bart. LT 22	2				1										44		27	15	25			1
54	Bart. Crystal Harbour	2				1										2		1					
55	GV82027-45	-1.3				43					3					3		31	16	120		1	9
56	Chest. Inlet 11	2.16		2		1					1							10	3	11		2	
57	HX 139 046 SMI 2	2																					
58	Bart. LT 21 Hazel 12	0				23					1					48			4	2			1
59	Bart. 20 LT 42 Hazel 11	0				9												4	1	9			
60	K1-78-BS-22	8.8								1					3					2			
61	SEA-5-76-156	8.8																					
62	HU85-027-76	0																	10	7			
64	Chest. Inlet 95a	-1				28					2					1		43	5	28		92	1
65	Chest. Inlet 3	1.66		2	1	9										5		43	1	35		5	

LLfile#	Locality/Category	sumtemp	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
66	Bart. LT 20 Hazel 10	0				28													22			4	
67	Chest. Inlet 2	1.85		1	3	28					2							89	7	53		34	
68	Chest. Inlet 14	1.97			1	3					1					2		19	2	17			
69	Chest. Inlet 1	-1			2	98					17					1		150	1	82		18	
70	Chest. Inlet 7	1.24				2					1					7		5	15				4
71	Chest. Inlet 6	1.2				6										17		30	11	24		6	
72	Chest. Inlet 5	0.67				53					8					1		75	19	79		47	
73	Chest. Inlet 4	1.09				6					1					5		41	3	19		5	
74	Chest. Inlet 9	-0.5		1	1	76										1		109	6	101		1	
75	S5-77-BS-29	10													14								
76	SEA-5-75-169A	10																20					
77	Chest. Inlet 15	1.99			6	9					3					1		33	1	18		6	1
78	Chest. Inlet 17	1.26		2	7	15					3							14		30		7	1
79	Chest. Inlet 18	2.04				14					1							14	5	26		8	
80	Chest. Inlet 16	0.83			2	2					2								11	6		1	1
81	Chest. Inlet 20	1.46				3												6		4		2	
82	Chest. Inlet 19	1.32		1	3	4												10	2	38			
83	SEA-5-76-137	12															1	3					
84	GV82027-67	-1.5				14										18		29	13	80		1	3
85	SEA5-125A	11																165					
86	HU81-045-20	0																2					
87	S5-77-BS-17	11													1								
88	Bart. Coral harbor	4														212		11					1
89	S5-77-BS-16	10													7			14					
90	S5-77-BS-18	10													3			4					
91	Bart. 98	-0.5			1	16										4		14		32		8	4
92	Bart. 97	0.5																1					
93	S5-77-BS-27	11															2	6					
94	SEA-5-76-174	11																18					
95	SEA-5-76-131D	11															2	3					3
96	Alpha-H #9	8			2													12					
97	Alpha-H #4	8															2	13					
98	SEA-5-76-72A	8.5																14			5		
99	Chest. Inlet 8	-0.49		3	5	69					9					7		153	4	99		42	
100	Penney274101	3		1											1	21		76		34			
101	Northwind 5	3			3			5										9			26	3	1
102	Bart. 19	-1				1										2		8		1		3	
103	Northwind 6	3			1																		
104	Bart. 47	1		1											1	1		4					
105	Bart. 49	1									1					43		2	28	60		5	3
106	Bart. 46	1			8											48			16	29		8	7
107	Bart. 30	1			2	3					4					52			11	2		10	2
108	Bart. 33	1				3					3					56		12		9		5	1
109	Bart. 5	1				3										108		24		5			
110	Bart. 48	1		20											1	1		11					
111	Bart. 29	1			5	6										21			10			2	1
112	Bart. 31	1		1	2	3					1					67			10	1		2	
113	Bart. 55	1													7	32	2	180	3				
114	AW-37-161-51	2																					
115	Bart. LT34 Hazel #9	1		1	2	13												1		3			
116	Northwind 63 STA 10	3																					
117	Northwind 63 STA 11	3						2															
118	AW-V6-33-78-21	8											92	13									
119	Northwind 63 STA 13	3						1															
120	AW-NN	8											44					166					
121	AW-62-160-11	7																				1	
122	AW-57-328-70	8													27								
123	AW-62-160-10	8											2										
124	AW-57-328-28	5																1					
125	AW-57-328-80	8	1								1		2										

LLfile#	Locality/Category	sumtemp	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
126	AC-71-27	4										209											
128	AW-62-160-9	8	3										16						1	1		3	11
130	HU69-050,825	-1						12						5			3	9					2
131	AC-71-6	1													22								
132	AC-71-7	1										3			20								
133	Bart.#70	2														2	2	15					
134	HU69-050,826	-1						1						6				8		1			
136	HU69-050,834	-0.5						1				1		4	7								1
138	AW-57-328-32	5																					
139	AC-71-3	1.5						2				1		2									
142	HU69-050,833	-1.3						11						2	3								
143	PRZO 70-22-23	-1.25				2						6				7	2	2		9	4	3	10
144	AC-71-10	0										28			6			1					
145	AW-62-160-8	8											2										
145	SEA-5-76-145	10													45								
147	81-APB-13	2										55			35			33		10			
148	81-APB-12	2										14			12		2	196		94			
152	81-ABP-11	2										2			15			17					
155	HU69-050,819	-0.5			1							3		1		48		30	3	12			1
157	AC-71-1	-0.3													77			2					
163	PRZO 70-22-82	-1										1		2	10				1				
164	81-AER-35	1.3										1			12	27		44					
166	RICH 1970-22	2.5																					
168	AC-71-36	2.2										1			419			13					
169	AC-71-38	3								2		18			7								
170	81-AER-34	0.3										3				5		7					2
171	AC-71-53	1.5													20			2					
172	PRZO 71-94	-1										1			193								
173	81-AER-33	-1										12						4					12
174	AW-62-160-7	7			1						1		9			1				2			12
176	PRZO 70-22-90	-1.5						5						1	1			2					
177	Northwind 63 STA 56	1.6																					
182	81-AER-31	-1										1				4	1	16	5	4		1	4
183	81-AER-32	1										5						11		8			12
186	AC-71-37	2													9			10					
188	PRZO 70-22-94	-1										8		4	2								
193	HU69-050,838	-1.25						9						6				9					5
194	PRZO 71-61	-1.5										2		8	3								
195	PRZO 71-136	0										7		1	3		1						2
196	81-ABP-21	-1.53													23			6					
196	AC-71-39	4										5			32								
199	Bart. LT 27 Hazel 8	3			9											6		5					
200	HU69-050,861	0.3										1		3				4					
202	PRZO 70-22-120	-1.75						25						1	1		1	37					41
205	81-APB-20	-0.35										1			64	3	1	29					
206	HU69-050,831	0						2						3				17	4				1
210	81-APB-19	1										1		2	3			5					1
211	81-APB-18	1										6			6	13	1	1					8
212	AC-71-42	2										2			35		1	36					
216	PRZO 70-22-126	-1.3						2						4		3		30	10	41			6
217	PRZO 70-22-130	-1.3						4						33	31	11		49	8	25			14
220	81-APB-17	-0.43													2	12		10	2	15		1	
221	Barnes 18-80	1								1					50		3	79					
222	Barnes 19-80	0.5								2					20		3	27		1			1
223	HU69-050,851	-1.2						7							3		4	18					9
224	79-ABP-14	-0.18												1				19					1
225	72-ABP-12	-0.43														1		13					
227	HU69-050,837	-1.3						14						4				24					7
232	Northwind 63 STA 45	0																					2
233	72-ABP-11	-0.18													5	2		5	1	7			1

LLfile#	Locality/Category	sumtemp	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
234	Barnes 16-80	0.3								3					57		2	7					
236	HU69-050,830	-1.3				1								6		3		1		10		2	
239	AW-62-160-3	7																2				1	
239	Barnes 17-80	1.25								4					226		2	48					
240	72-AJT-26	-1.67								7		7			112		3	157					
244	Barnes 22-80	0.5								1					24			23					
246	71-ABP-23	1													1	5		6	10	3			1
247	72-ABP-1	-1.45																7					
250	Barnes 34-80	-1.45													10		1	21					2
253	AC-71-45	2.3		1						8		1			104			50					
254	71-ABP-1	-1.45														8		10		6	1		2
255	79-ABP-22	-1.67										34			6			18					
256	72-AJT-120A	1										3			19			21					
257	79-ERK-12	-1.07										32			2								
258	72-AER-151	-0.05													3			2					
259	Barnes 21-80	-0.5													13	1	1	73		6			4
261	79-ABP-23	-0.05										1			5			4					
262	Barnes 20-80	0.5								1					43		2	67		6			5
265	71-ABP-12	-1.32													3			3					2
266	72-AER-150	-0.05													17		2	41		3			
268	72-AFR-149	-0.05													15			49		2			
270	72-ABP-26	-0.05										2		2				2					
273	Barnes 23-80	0.5													28			7					
274	71-ABP-13A	-1.38												2			1						2
275	72-ABP-25	-1.38										5				1		7	2		1		1
276	72-AER147	-1										2			26			4					
277	Barnes 26-80	-0.3			1										139	5	14	307		4			16
278	HU69-050,836	-0.3														5		3	1	7			3
280	HU69-050,886	2												2	1								8
281	72-AER-146	-1										1		9				19					
286	71-ABP-2	-1.45				1										6			7	8			
288	72 -ABP-14	-1.44														2		9		8			
290	PRZO 71-72	-1.3												7		5		19					5
292	71-AJT-45	-1.39													23								
294	AC-71-48	1.7								1		47			261			437					
296	71-ABP-11	-1.44														2		6	7	1			
297	71-ABP-38A	-1.39														5		9		9			
298	Barnes 25-80	-1													4			7					
299	72-AER-94	-1.39								1					125			7					
303	72-AER-99	-1.39													22								
304	72-AER-162	-1.39																					
308	72-AER-103	-1.39										2			26			7					
310	71-ABP-3	-1.45														1		1		2			
311	72-AER-109	-1.39													30		1	2					
312	71-AJT-34	0.7										1						7					
313	80ER53	-0.1																					
314	Barnes 27-80	-1													50	15	1	385					4
316	72-AER-85	-0.83													25			2					
319	72-AER-107	-0.83								1		6			6			2					
320	AW-EH-2	6									20		13							4		2	2
322	72-AER-106	3.91										4			4		2	9					
324	HU69-050,878	1.3										1			1			1					4
325	AC-71-47	1.5												3	3		3	1					46
327	72-AER-165	-0.83													23			2					
329	72-ABP-9	0.36				1										15		19		12	1		
330	72-AER-138	-1.46										2		21				2					
331	80PB50	-0.83								1		45		2	131	1	15	153		1			9
332	AW-62-160-1	7											1					1					
337	Barnes 47-80	-1													30			11					
340	72-AER-127	0.7										2			73			39					

LLfile#	Locality/Category	sumtemp	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
341	72-AER-121	0.7										2			54			24					
347	72-AER-124	0.7								2		22			10		6	48					2
350	PRZO 72-44	1.5										1		2	5								10
351	71-ABP-5	0.36						1								1				2			
353	71-AJT-32	1										40						12					
354	72-AER-70	1													2								
355	79-ABP-34	0.7										6			1			3					
356	72-AER126	0.7										1			3			5					1
359	Barnes 58-80	1												20			1	81					
361	Barnes 28-80	0													11		2	21					4
362	81-APB-24	-0.76												1	4	14		10	1	1			2
363	81-ABP-25	-0.76													1	6	1	14	4				
368	71-ABP-10	-1.43														1			4				
369	72-AJT-41	0										3			6		3	9					
373	82-AER-12	-1.75													2	6		8	1	3			
376	PRZO 72-41	1.2										2			150		1	2		1		1	34
377	71-AJT-33	1													2			16					
382	71-ABP-69	-1.75										2		9		1				1			
383	Barnes 56-80	-0.15													374			99					
384	72-AJT-42	0										1			1	1	1	15					1
385	Barnes 66-80	-1													16	2	1	10		1			
386	Barnes 71-80	-1													36			1					
389	71-ABP-37	-1.75														5		4					
390	AW-57-328-17	3																					
391	71-ABP-9	-1.35																3					
392	71-ABP-34	1.95										2				1		9	6	9			
394	71-ABP-50	1.92										3		1	1	2		4	2				5
406	71-ABP-8	-1.25																					
407	80ER79	-0.3										5					1	2	1			1	3
408	72-AJT-31	-0.3										5											2
409	71-ABP-33	2.45										4			2	3		17		2			
411	AW-57-326-91	7			1				12				3			9						2	1
412	80ER80	-0.3										4					2	1					2
416	PRZO 71-187	-1.75												4		1	1	46					11
419	71-ABP-39A	-1.66														2			1	1			
420	80ER77	3.53										1		2			1	8					5
422	71-AJT-35	0.31										3				1		7					11
423	80ER81	-1.43										4						8					1
424	71-ABP-40B	1.1														2			6	2			
425	E. of Drew Pt.	1												23									
426	Barnes 35-80	-0.21													9			11					1
433	80PB40	-1.43													24	1		11					1
436	Barnes 38-80	0.16													43			44					
437	Barnes 44-80	0.38													8			12					1
438	Barnes 45-80	0.38																					
439	72-ABP-61	0.21													31			15					
440	72-ABP-43	0.16													11			2					1
441	Barnes 57-80	-0.25													126			18					
444	71-ABP-41A	0.69										1						1		1			
445	Barnes 30-80	-0.29													1			3					
450	71-ABP-30B	0.56													1	1		3		1	1		
454	71-ABP-90	-0.67																1					
458	71-ABP-61A	2																	2				
462	71-ABP-43	-1.5										1		3	3		2	5		2			
463	71-ABP-60	-1.6														1		2	4	2			
469	Tapkaluk Pass	1													11			3					
470	Eluitkit Pass	1								1					13			5					
473	Northwind 63 STA 50	-1																					
474	71-ABP-93	-0.6																	6				
477	71-ABP-88A	-1.4																	5				

LLfile#	Locality/Category	sumtemp	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
478	Northwind 63 STA 51	-1																1					
481	Northwind 63 STA 77	-1																					
482	Northwind 63 STA 79	-1																1					
483	Northwind 63 STA 71	-1																					
484	Northwind 63 STA 130	-1.5																					
485	Northwind 63 STA 83	-0.5																13					
486	Northwind 63 STA 63	-0.5																5					3
487	Bart. LT 33 Hazel 7	-1								1				4		12			37	7			
488	Bart. LT 51 Hazel 6	-1									2			3			8		1	3			
489	Northwind 63 STA 95	-1.5																4					
490	Northwind 63 STA 97	-1.5																					
492	AW-57-328-46	5		1	2													26				30	1
493	Bart. LT 35 Hazel 5	-1									5			5		8	1	6	11	84			
495	Northwind 165	-1.5															1						
496	Northwind 145	-1.5														1	1						
497	Northwind65 STA 41	0.5													5					6			
499	Northwind 139	-1.5																					
500	Bart. LT 31 Hazel 4	-1			10											1							
503	AW-R-1	4			33										7		1	26	241	411		31	54
504	Northwind 63 STA143	-1.5														1	1						3
505	Bart. LT 23 Hazel 3	0		19	45						5					35	2	9					4
506	Thule, N. Sta.Bay (2)	0														25		16				1	
507	Bart. N.Omenolu	0			1						3					42	1	45	28	1		3	
508	Bart. LT 26 Hazel 2	0														31		18	20			4	1
509	Northwind65 STA35	0												1									
518	Bart. LT 52 Hazel #1	-1.5																					
524	AW-CF	-1.5			23						4				4	14		29		10		15	
528	Northwind STA106	0.5									73							1		7			
532	Northwind STA112	0			7						22											1	
	TOTAL		4	192	206	825	109	163	41	38	243	709	477	239	3930	1669	125	6177	702	2030	47	828	545

LLfile#	Locality/Category	sumtemp	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	TOTAL
1	AW-OM1&2	11.5					166					19				202		756
2	AW-S745	12								3						10		341
3	White Bear Hazel 18	9.4				60					31				163	48		570
4	AW-2399	10.5							2	3		4				405		488
5	AW-2839	10.5							1	21		19				384		567
6	AW-2365	11.1							2	12					5	300		387
7	AW-2789	11					1			12		12				210		407
8	AW-2905	10.5					9		5	118	3	41			5	444		2728
9	AW-2904	10.5							1	8		1				153		518
10	AW-2375	10.8					2		11	16		7			3	242		424
11	AW-2819	11.7							1	1		3			1	176		344
12	AW-3143	10.5			6					1		46			107	391		831
14	GV83033#45	0		4		1					6				26	1		477
15	GV83033#44	-1.6	40	7							10				20	10		481
17	LA-81-NA-9	9										2					7	35
18	AW-3101A	10.3						9	19	134		268			988	1344		4645
19	LA-81-NA-59	9																42
20	AW-3161	11										16			40	241		429
21	AW-3154	9.7									2	21	2		236	200		791
23	GV83033 #30	2									1							7
24	Alaska 66	9														38	5	306
25	AW-IH25	9.4									20	84			189	220		1346
26	DC1-79-EG-1	12														429		567
27	DC2-80-EG-73	13														61	12	187
28	DC2-80-EG-186	13														12	27	156
29	Bart. LT 29 Hazel 16	-1		5	1						1				7		1	62
30	Bart.LT30	-1		9								5			12			223
31	EGAL-75-KC-53	13														44		165
32	BFM-78-1	12														1		97
33	Ikerssauk 15	4.6					2	31							2	1		140
34	HX 139 004 NUN 1	4																68
35	Ikerssauk 5	4					84				1				24	742		1900
36	Penney Ikerss.#1	3.2					2	5			1				9	3		299
37	Ikerssauk 2	5					4				2				39	1		128
38	Ikerssauk 4	5			3			8			1				2			177
39	HX 139 033 SIK 7	4		2														26
40	HX 139 014 PUN 3	4																6
41	HX 139 006 NUN 3	4		3														17
42	HX 139 035 SLI 2	2														5	3	16
43	HX 139 030 SIK 5	4		1														1
44	HX 139 056 VNG 1	1																1
45	HX 139 051 SMI 6	2															2	10
47	HX 139 029 SIK 3	4																5
48	HX 139 027 SIK 2	4		5														26
49	HX 139 0011 NUN 7	4																20
50	HX 139 049 SMI 4	2	13													3		36
51	HX 139 041 SLI 6	2		2														26
52	HX 139 047 SMI 3	2		1													1	3
53	Bart. LT 22	2		10								1				3		315
54	Bart. Crystal Harbour	2		1	1													20
55	GV82027-45	-1.3		36							12					1		812
56	Chest. Inlet 11	2.16	1			1		1				1				6		109
57	HX 139 046 SMI 2	2		5													1	12
58	Bart. LT 21 Hazel 12	0	1	1	1							1			2			182
59	Bart. 20 LT 42 Hazel 11	0	1	3											1			83
60	K1-78-BS-22	8.8																30
61	SEA-5-76-156	8.8														2		45
62	HU85-027-76	0									3	1					1	39
64	Chest. Inlet 95a	-1	2			1		4				4			25	17		498
65	Chest. Inlet 3	1.66	2	5		1		2				3				6		280

LLfile#	Locality/Category	sumtemp	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	TOTAL
66	Bart. LT 20 Hazel 10	0	6									15					1	336
67	Chest. Inlet 2	1.85	13			4		22				10			6	5		710
68	Chest. Inlet 14	1.97	2	2				6				1			1	5		157
69	Chest. Inlet 1	-1	17	4		11		18		2		2			11	18		1154
70	Chest. Inlet 7	1.24	1			2		1				1			1	7		104
71	Chest. Inlet 6	1.2	2	7		2		4				1				3		323
72	Chest. Inlet 5	0.67	6	4		3		24		3		3			2	7		768
73	Chest. Inlet 4	1.09	1	3		1		6		1		1				8		292
74	Chest. Inlet 9	-0.5		3				6				3			3	2		843
75	S5-77-BS-29	10														27		831
76	SEA-5-75-169A	10						3										71
77	Chest. Inlet 15	1.99	4	5				5				3			1	11		281
78	Chest. Inlet 17	1.26						2		1		1			15	15		250
79	Chest. Inlet 18	2.04				2		2				2			21	5		197
80	Chest. Inlet 16	0.83				1		2								1		92
81	Chest. Inlet 20	1.46						1		3		1			2	2		47
82	Chest. Inlet 19	1.32						1				1			5	7		130
83	SEA-5-76-137	12																51
84	GV82027-67	-1.5		5								7				1		326
85	SEA5-125A	11						18										266
86	HU81-045-20	0																2
87	S5-77-BS-17	11																547
88	Bart. Coral harbor	4	12															325
89	S5-77-BS-16	10																66
90	S5-77-BS-18	10																29
91	Bart. 98	-0.5	7	3	10							1			2			292
92	Bart. 97	0.5																3
93	S5-77-BS-27	11	1															27
94	SEA-5-76-174	11						29								2		113
95	SEA-5-76-131D	11						4										50
96	Alpha-H #9	8	1			4						1	2		1			323
97	Alpha-H #4	8	1									1	2					135
98	SEA-5-76-72A	8.5																26
99	Chest. Inlet 8	-0.49	5	5		1		21				12			11	28		1186
100	Penney274101	3						2			2				3			201
101	Northwind 5	3		22		47					6	27					7	394
102	Bart. 19	-1		1		3									1			120
103	Northwind 6	3				1						1						9
104	Bart. 47	1	22	2	1											1	1	65
105	Bart. 49	1	1			1		1							21			453
106	Bart. 46	1	4	2		2									44			397
107	Bart. 30	1	7	8							10				27			349
108	Bart. 33	1	3					9			6				15			315
109	Bart. 5	1	2	2														343
110	Bart. 48	1	4	1														71
111	Bart. 29	1	2	13							5	8			34	1	1	212
112	Bart. 31	1	5	3							7				16			347
113	Bart. 55	1	8	28	2	1									1			350
114	AW-37-161-51	2												1				2
115	Bart. LT34 Hazel #9	1																29
116	Northwind 63 STA 10	3																4
117	Northwind 63 STA 11	3																5
118	AW-V6-33-78-21	8														14		2050
119	Northwind 63 STA 13	3																1
120	AW-NN	8														4		2055
121	AW-62-160-11	7										1		22	2			35
122	AW-57-328-70	8																40
123	AW-62-160-10	8														1		132
124	AW-57-328-28	5																2
125	AW-57-328-80	8												121				241

LLfile#	Locality/Category	sumtemp	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	TOTAL
126	AC-71-27	4																210
128	AW-62-160-9	8									1			170	4	21		556
130	HU69 050,825	-1																97
131	AC-71-6	1																61
132	AC-71-7	1																61
133	Bart.#70	2	32			3						1						124
134	HU69-050,826	-1		3														57
136	HU69-050,834	-0.5																59
138	AW-57-328-32	5																5
139	AC-71-3	1.5																53
142	HU69-050,833	-1.3																70
143	PRZO 70-22-23	-1.25	2					2		4			2					146
144	AC-71-10	0																120
145	AW-62-160-8	8												59		2		130
145	SEA-5-76-145	10																68
147	81-APB-13	2																1013
148	81-APB-12	2																627
152	81-ABP-11	2																165
155	HU69-050,819	-0.5		2				1										358
157	AC-71-1	-0.3																124
163	PRZO 70-22-82	-1																137
164	81-AER-35	1.3																212
166	RICH 1970-22	2.5														3		303
168	AC-71-36	2.2																753
169	AC-71-38	3																607
170	81-AER-34	0.3		1						1								129
171	AC-71-53	1.5																77
172	PRZO 71-94	-1																464
173	81-AER-33	-1		1				2										213
174	AW-62-160-7	7					1			1	1	3		52	42	12		340
176	PRZO 70-22-90	-1.5																58
177	Northwind 63 STA 56	1.6																4
182	81-AER-31	-1		1														133
183	81-AER-32	1		3														189
186	AC-71-37	2																207
188	PRZO 70-22-94	-1																202
193	HU69-050,838	-1.25																110
194	PRZO 71-61	-1.5																308
195	PRZO 71-136	0																261
196	81-ABP-21	-1.53																86
198	AC-71-39	4																91
199	Bart. LT 27 Hazel 8	3		10		1												130
200	HU69-050,861	0.3																61
202	PRZO 70-22-120	-1.75														1		265
205	81-APB-20	-0.35						2					1					237
206	HU69-050,831	0																66
210	81-APB-19	1		2														56
211	81-APB-18	1		4						2			1					124
212	AC-71-42	2		1												1		365
216	PRZO 70-22-126	-1.3																228
217	PRZO 70-22-130	-1.3																564
220	81-APB-17	-0.43																139
221	Barnes 18-80	1														11		281
222	Barnes 19-80	0.5														1		135
223	HU69-050,851	-1.2																99
224	79-ABP-14	-0.18																40
225	72-ABP-12	-0.43						1										114
227	HU69-050,837	-1.3																77
232	Northwind 63 STA 45	0																5
233	72-ABP-11	-0.18										1						60

LLfile#	Locality/Category	sumtemp	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	TOTAL
234	Barnes 16-80	0.3														25		421
235	HU69-050,830	-1.3														1		57
239	AW-62-160-3	7												3		2		28
239	Barnes 17-80	1.25	1															468
240	72-AJT-26	-1.67		2														601
244	Barnes 22-80	0.5														2		112
246	71-ABP-23	1																237
247	72-ABP-1	-1.45																44
250	Barnes 34-80	-1.45		1														215
253	AC-71-45	2.3														1		244
254	71-ABP-1	-1.45																59
255	79-ABP-22	-1.67																154
256	72-AJT-120A	1								1			1					124
257	79-ERK-12	-1.07																230
258	72-AER-151	-0.05																47
259	Barnes 21-80	-0.5								1								325
261	79-ABP-23	-0.05																30
262	Barnes 20-80	0.5																405
265	71-ABP-12	-1.32		3														144
266	72-AER-150	-0.06										1						132
268	72-AER-149	-0.05						1										167
270	72-ABP-26	-0.05		1														58
273	Barnes 23-80	0.5																51
274	71-ABP-13A	-1.38		2														117
275	72-ABP-25	-1.38		6				2										242
276	72-AER147	-1																56
277	Barnes 26-80	-0.3		2												6		1325
278	HU69-050,836	-0.3								2							2	81
280	HU69-050,886	2																71
281	72-AER-146	-1								1								91
286	71-ABP-2	-1.45																33
288	72 -ABP-14	-1.44																49
290	PRZO 71-72	-1.3								1								118
292	71-AJT-45	-1.39																32
294	AC-71-48	1.7		2														1145
296	71-ABP-11	-1.44																53
297	71-ABP-38A	-1.39																85
298	Barnes 25-80	-1																58
299	72-AER-94	-1.39																475
303	72-AER-99	-1.39																56
304	72-AER-162	-1.39																60
308	72-AER-103	-1.39																70
310	71-ABP-3	-1.45																6
311	72-AER-109	-1.39																133
312	71-AJT-34	0.7																33
313	80ER53	-0.1																68
314	Barnes 27-80	-1																1038
316	72-AER-85	-0.83																447
319	72-AER-107	-0.83																33
320	AW-EH-2	6									1	1		201	9	24		488
322	72-AER-106	3.91																49
324	HU69-050,878	1.3																130
325	AC-71-47	1.5																172
327	72-AER-165	-0.83																49
329	72-ABP-9	0.36																95
330	72-AER-138	-1.46																164
331	80PB50	-0.83		3	2			16		12		8	3					1348
332	AW-62-160-1	7												5				33
337	Barnes 47-80	-1																60
340	72-AER-127	0.7																264

LLfile#	Locality/Category	sumtemp	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	TOTAL
341	72-AER-121	0.7																166
347	72-AER-124	0.7						2										404
350	PRZO 72-44	1.5																1291
351	71-ABP-5	0.36																5
353	71-AJT-32	1																73
354	72-AER-70	1																168
355	79-ABP-34	0.7						1					2					32
356	72-AER126	0.7						1										29
359	Barnes 58-80	1	2															273
361	Barnes 28-80	0		3														200
362	81-APB-24	-0.76	1															151
363	81-ABP-25	-0.76																85
368	71-ABP-10	-1.43																15
369	72-AJT-41	0								1							1	105
373	82-AER-12	-1.75																72
376	PRZO 72-41	1.2		1						1								535
377	71-AJT-33	1								1								82
382	71-ABP-69	-1.75																46
383	Barnes 56-80	-0.15																1271
384	72-AJT-42	0																72
385	Barnes 66-80	-1		2						1								145
386	Barnes 71-80	-1																70
389	71-ABP-37	-1.75		1														41
390	AW-57-328-17	3														1		1
391	71-ABP-9	-1.35																6
392	71-ABP-34	1.95																79
394	71-ABP-50	1.92		1						1								119
406	71-ABP-8	-1.25																3
407	80ER79	-0.3																110
408	72-AJT-31	-0.3		2														97
409	71-ABP-33	2.45																109
411	AW-57-326-91	7										1			1	3	1	58
412	80ER80	-0.3		2														163
416	PRZO 71-187	-1.75																130
419	71-ABP-39A	-1.66																20
420	80ER77	3.53																79
422	71-AJT-35	0.31														1		275
423	80ER81	-1.43		1														61
424	71-ABP-40B	1.1																18
425	E. of Drew Pt.	1														2		97
426	Barnes 35-80	-0.21																44
433	80PB40	-1.43																116
436	Barnes 38-80	0.16																146
437	Barnes 44-80	0.38																88
438	Barnes 45-80	0.38														25		351
439	72-ABP-61	0.21																131
440	72-ABP-43	0.16		1														64
441	Barnes 57-80	-0.25																185
444	71-ABP-41A	0.69																5
445	Barnes 30-80	-0.29																46
450	71-ABP-30B	0.56																16
454	71-ABP-90	-0.67																57
458	71-ABP-61A	2		2														7
462	71-ABP-43	-1.5								1								53
463	71-ABP-60	-1.6																19
469	Tapkaluk Pass	1															12	33
470	Elulikit Pass	1														2	1	119
473	Northwind 63 STA 50	-1																3
474	71-ABP-93	-0.6		2														19
477	71-ABP-88A	-1.4		4														10

LLfile#	Locality/Category	sumtemp	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	TOTAL
478	Northwind 63 STA 51	-1																3
481	Northwind 63 STA 77	-1																1
482	Northwind 63 STA 79	-1																2
483	Northwind 63 STA 71	-1																1
484	Northwind 63 STA 130	-1.5																2
485	Northwind 63 STA 83	-0.5														11		34
486	Northwind 63 STA 63	-0.5																38
487	Bart. LT 33 Hazel 7	-1								1								97
488	Bart. LT 51 Hazel 6	-1	2		6							3						127
489	Northwind 63 STA 95	-1.5																4
490	Northwind 63 STA 97	-1.5																14
492	AW-57-328-46	5							6			1			2	3	2	299
493	Bart. LT 35 Hazel 5	-1	3	1	1							3					1	264
495	Northwind 165	-1.5			2													28
496	Northwind 145	-1.5	4	1														56
497	Northwind65 STA 41	0.5	1													20		54
499	Northwind 139	-1.5																39
500	Bart. LT 31 Hazel 4	-1									1				2			25
503	AW-R-1	4			83						143	9	1		76	24	1	3318
504	Northwind 63 STA143	-1.5		2													1	59
505	Bart. LT 23 Hazel 3	0	8	39							10	1			2	9		356
506	Thule, N. Sta.Bay (2)	0	7													2		82
507	Bart. N.Omenolu	0	9					2			1				10	11		240
508	Bart. LT 26 Hazel 2	0	2	7		1			1		1	2			5	2		197
509	Northwind65 STA35	0	1													1	1	18
518	Bart. LT 52 Hazel #1	-1.5																2
524	AW-CF	-1.5									1	11	6		7	41		323
528	Northwind STA106	0.5														78	1	291
532	Northwind STA112	0														155		416
	TOTAL		272	345	119	155	271	280	49	372	290	709	23	634	2312	7035	94	82152