

Borehole locations and permafrost depths, Alaska, USA, Version 1

USER GUIDE

How to Cite These Data

As a condition of using these data, you must include a citation:

Clow, G.D 1998. *Borehole locations and permafrost depths, Alaska, USA, Version 1*. [Indicate subset used]. Boulder, Colorado USA. NASA National Snow and Ice Data Center Distributed Active Archive Center. <https://doi.org/10.7265/3wjq-zt12>. [Date Accessed].

FOR QUESTIONS ABOUT THESE DATA, CONTACT NSIDC@NSIDC.ORG

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National Snow and Ice Data Center

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Notice: This data set was first published on the [1998 CAPS CD](#).

The text for this document was taken unchanged from that CD.

1 DETAILED DATA DESCRIPTION

1.1 Coverage of data set: Study location

Arctic Alaska

1.1.1 Geographic extent

Northwesternmost latitude: 71° 11' 22" N

Northwesternmost longitude: 165° 46' 00" W

Southeasternmost latitude: 62° 11' 24" N

Southeasternmost longitude: 141° 09' 00" W

1.1.2 Period of investigation:

1950-1988

1.2 Current storage of data

Table 1. Data Storage

CD ROM	
Paper	
Spreadsheet	
Wordprocessor file(s)	
Database	X [ASCII files on USGS Climate Team Webserver: climweb.cr.usgs.gov]

Data center:

Are your data at risk of being lost? No

1.3 Site Information

Table 2. Permafrost depths from wells with multiple temperature logs. Elevations and pf_depth are in meters.

Well Designation	Code	Latitude	Longitude	Elev	pf_depth
Atigaru	ATI	70 33 22.03 N	151 43 01.85 W	2	405
Awuna	AWUN	69 09 11.58 N	158 01 21.27 W	336	295
Canning River A-1	CNR	69 36 00 N	146 21 30 W	282	280
Drew Point	DRP	70 52 47.14 N	153 53 59.93 W	5	324
Echooka #1	EB1	69 23 57 N	148 16 03 W	200	280
East Simpson #1	ESN	70 55 04.01 N	154 37 04.75 W	4	370
East Teshepuk	ETK	70 34 11.66 N	152 56 36.90 W	2	262
West Fish Creek #1	FCK	70 19 35.99 N	152 03 38.03 W	27	268
Ikpikpuk	IKP	70 27 19.68 N	154 19 52.78 W	10	347
J.W. Dalton	JWD	70 55 13.79 N	153 08 15.10 W	6	411
Kugrua	KAG	70 35 13.28 N	158 39 43.26 W	20	287
Kuyanak	KUY	70 55 53.48 N	156 03 53.08 W	3	328
Lisburne	LBN	68 29 05.44 N	155 41 35.51 W	559	295
Lupine Creek	LUP	69 06 04.24 N	148 37 06.83 W	520	238
North Inigok	NING	70 15 27.32 N	152 45 57.53 W	41	294
North Kalikpik	NKP	70 30 33.02 N	152 22 04.17 W	5	213
BP 33-12-13	PBA	70 21 22 N	148 50 06 W	9	662
BP 04-11-13	PBB	70 19 48 N	148 50 48 W	11	640
BP 19-10-15	PBC	70 12 42 N	148 24 45 W	11	584
ARCO NPBS #1	PBE	70 22 3 N	148 31 30 W	2	604
BP 08-11-13	PBF	70 19 07 N	148 54 35 W	8	619
BP 31-11-14	PBG	70 16 06 N	148 40 24 W	10	649
Peard Bay	PEA	70 42 56.32 N	159 00 02.52 W	23	310
Seabee	SBE	69 22 48.52 N	152 10 31.29 W	89	309
South Meade	SME	70 36 53.92 N	156 53 23.60 W	12	201
Tunalik	TLK	70 12 21.45 N	161 04 09.16 W	26	296
Tulageak	TUL	71 11 21.62 N	155 44 00.82 W	3	304
West Dease	WDS	71 09 32.65 N	155 37 45.19 W	2	282

Table 3. Permafrost depths from wells with a single temperature log.

Well Designation	Code	Latitude	Longitude	Elev	pf_depth
Confusion Creek #2	CCB	68 22 18 N	152 04 06 W	823	139 *
Prudhoe Bay C-19	CN19	70 29 24 N	149 31 24 W	6	530
Prudhoe Bay D-2A	CND2	70 29 06 N	149 26 00 W	7	536
Chariot Charlie	CTC	68 06 00 N	165 46 00 W	-	288 *
Chariot Dog	CTD	68 06 24 N	165 44 06 W	-	360 *
East Bay State #1	EBS	70 18 38 N	148 18 58 W	5	627
Mobil 28243	MOB2	70 18 12 N	149 25 00 W	19	575
N. Highland State	NHST	70 17 30 N	149 13 07 W	16	577
BP 11-11-1	PBH	70 20 05 N	148 46 01 W	6	637
BP 12-11-13	PBI	70 20 07 N	148 45 52 W	6	635
BP 31-10-16	PBL	70 10 56 N	148 09 29 W	14	605
BP 27-11-14	PBM	70 16 42 N	148 33 56 W	6	619
BP Kuparuk #1	PBO	69 17 48 N	150 48 48 W	189	297
Simpson Core #13	S04	70 58 58.9 N	154 39 35 W	7	319
West Sak River #11	WK11	70 21 25 N	149 59 27 W	19	470
West Sak River #14	WK14	70 17 36 N	149 57 06 W	40	464
West Sak River #17	WK17	70 26 48 N	149 43 12 W	18	550
West Sak River #101	WK101	70 17 30 N	149 30 00 W	19	519 *
West Sak State #1	WSS1	70 20 21 N	149 32 10 W	18	551
* These depths have not been corrected for the drilling disturbance due to lack of information regarding the drilling duration.					

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3 CONTACTS AND ACKNOWLEDGEMENTS

Principal Investigator (pre-1956):

Name: Brewer, Max C

Organization: U.S. Geological Survey

Mailing Address: 4200 University Drive, Anchorage, AK 99508

Telephone: 907-786-7429

Principal Investigator (1956-1989):

Name: Lachenbruch, Arthur H

Organization: U.S. Geological Survey

Mailing Address: 345 Middlefield Road, MS 977, Menlo Park, CA 94025

Telephone: 650-329-4879

Email:Internet>> alachenbruch@usgs.gov

Principal Investigator (1989-present):

Name: Clow, Gary D

Organization: U.S. Geological Survey

Mailing Address: Denver Federal Center, Box 25046, MS 980, Denver, CO 80225

Telephone: 303-236-5509

Fax: 303-236-5349

Email:Internet>> clow@usgs.gov

4 DOCUMENT INFORMATION

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