



## A Compilation of Radiocarbon Dates from Disko Bugt, Central West Greenland.

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# Note

## A Compilation of Radiocarbon Dates from Disko Bugt, Central West Greenland.

Morten Rasch

*188 new and previously published radiocarbon dates on Holocene material from Disko Bugt, central West Greenland, are presented together with relevant informations (laboratory number, place name, dated material, geografic coordinates, altitude and  $\delta^{13}\text{C}$ -value) about the dates.*

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This note contains a compilation of radiocarbon dates on Holocene organic material from altitudes below 150 m a.s.l. in Disko Bugt (68°30'N - 70°45'N; 50°00'W - 55°30'W), central W.Greenland. A locality map showing the field location of the dated samples is given in Fig. 1 (see next page). Table 1 contains the radiocarbon dates and relevant information (laboratory number, place name, dated material, geografic coordinates, altitude and  $\delta^{13}\text{C}$ -value) about the dates. In both Fig. 1 and Table 1 place names are spelled in accordance with current Greenlandic orthography. Thus, the place names might differ a little from the similar place names on current topographic maps.

### Corrections of Dates

In Table 1, all dates on terrestrial material (incl. mud) with  $\delta^{13}\text{C}$ -values given have been corrected for isotopic fractionation by normalizing to  $\delta^{13}\text{C} = -25.0\text{‰}$  PDB, while all dates on marine material with  $\delta^{13}\text{C}$ -values given have been corrected for isotopic fractionation by normalizing to  $\delta^{13}\text{C} = 0.0\text{‰}$  PDB. The numbers in the column 'Corr. type' in Table 1 have the following meanings: 1. The date has not been corrected for isotopic fractionation. 2. The date was corrected for isotopic fractionation by the laboratory/author(s) of first publication. 3. The date has been corrected for isotopic fractionation in this work.

No corrections for marine reservoir effects have been made to the dates. The marine reservoir effect in West Greenland is considered to be 410 years (Rasmussen & Rahbek 1996), which is by chance equal to the correction already done by normalizing the dates on marine material to 0.0‰ PDB (Mook & van de Plassche 1986).

Dates without  $\delta^{13}\text{C}$ -measurements are normally not corrected for isotopic fractionation by the laboratories. However, the Tandem Accelerator Laboratory in Uppsala assume  $\delta^{13}\text{C}$ -values depending on the dated material, and they correct their dates for isotopic fractionation according to the assumed  $\delta^{13}\text{C}$ -values. Date UA-1785 was assumed by the laboratory in Uppsala to have a  $\delta^{13}\text{C}$ -value of -21.0‰ PDB. The laboratory corrected the date to  $\delta^{13}\text{C} = -25.0\text{‰}$  PDB. Later, Bennike et al. (1994) have corrected the date to  $\delta^{13}\text{C} = 0.0\text{‰}$  PDB. Dates UA-1786, UA-1788, UA-1789 and UA-1790 were assumed by the laboratory in Uppsala to have  $\delta^{13}\text{C}$ -values = 0.0‰ PDB. The laboratory corrected the dates to  $\delta^{13}\text{C} = -25.0\text{‰}$  PDB. Later, Bennike et al. (1994) have corrected the dates to  $\delta^{13}\text{C} = 0.0\text{‰}$  PDB. The corections of Bennike et al. (1994) have been applied in this work, because they make the Uppsala dates comparative with uncorrected dates. Besides the dates from Uppsala, all dates without  $\delta^{13}\text{C}$ -values have not been corrected for isotopic fractionation. Errors introduced by lack of  $\delta^{13}\text{C}$  corrections are considered to be less than  $\pm 80$  years on shell samples, while dates on terrestrial samples are considered to be up to 200 years too young.

### Sources for Dates

The numbers in front of the references below refer to the numbers in the column 'Ref. no.' in Table 1.

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5. Tauber, H. (1960a): Copenhagen natural radiocarbon measurements III, corrections to radiocarbon dates made

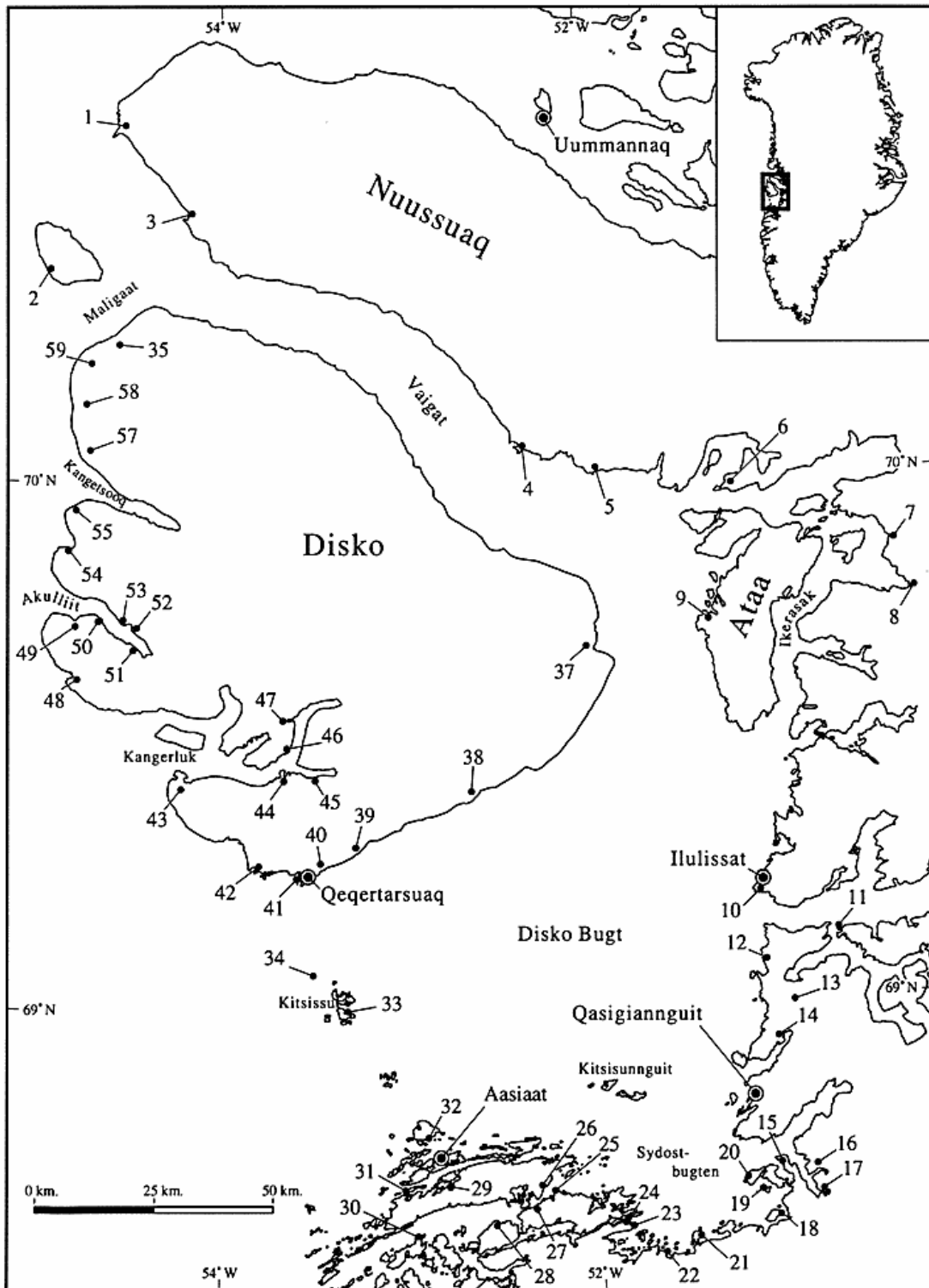


Figure 1: Locality map showing the field location of the dated samples from Disko Bugt. The numbers on the map refer to the numbers in the column 'loc. no.' in table 1.

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37. This work.

### Acknowledgements

B. Grønnow, U. Rahbek and J. Meldgaard are thanked for putting unpublished datings at my disposal. O. Humlum is thanked for clarifying uncertainties about the geographical coordinates of some of the datings from Disko. U. Rahbek and J. Heinemeier are thanked for critical comments.

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Bennike, O., Hansen, K. B., Knudsen, K. L., Penney, D. N. & Rasmussen, K. L. (1994): Quaternary marine stratigraphy and geochronology in central West Greenland. *Boreas* 23: 194-215.

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**Table 1:** Radiocarbon dates from Disko Bugt, central West Greenland, (the following 5 pages).

Loc no.	Lab. no.	Ref. no.	Place name	Material	N. Lat	W. Long	Publ.age/ Lab. age	Corr. age	Corr. type	+/-	ma.s.l.	$\delta^{13}\text{C}$ ‰ PDB
<b>SHELLS</b>												
8	K-3662	22	Eqip Sermia	Shells	69°46'	50°13'	2190	2190	2	75	1-2	0.6
31	HEL-359	16	Unarrat Kangerlua	Shells	68°39'	53°02'	4070	4080	3	130	8	0.6
42	I-6239	14.23	Kiliit	Shells	69°15'	53°50'	4685	4685	1	120	2	
56	K-3692	22.27	Kuussuaq	Shells	69°57'	54°21'	4750	4750	2	90	7-10	0.3
43	HEL-902	17	Nipisat	Shells	69°27'	54°14'	4780	4780	2	120	8.7	1.4
17	K-1816	13	Orpissooq	Shells	68°37'	50°51'	4870	4870	1	110	6.8	
17	HEL-330	16	Orpissooq	Shells	68°37'	50°52'	5040	5050	3	140	12.9	0.6
17	K-2021	15	Orpissooq	Shells	68°37'	50°51'	5190	5190	1	100	7	
25	HEL-365	16	Nuugaarsuk	Shells	68°39'	52°15'	5330	5330	1	210	8.7	
26	HEL-343	16	Nivaap Sullua	Shells	68°38'	52°16'	5340	5340	1	145	5.1	
14	I-6242	14	Nuajanguit	Shells	68°56'	51°00'	5395	5395	1	110	2	
30	HEL-361	16	Niaqornaq	Shells	68°34'	52°59'	5440	5480	3	130	21.8	2.5
27	K-2026	15	Nivaag	Shells	68°37'	52°20'	5460	5460	1	100	3	
26	AAR-2555	35	Nivaap Sullua	Shells	68°38'	52°20'	6060	5660	2	180	8	19
17	K-1815	13	Orpissooq	Shells	68°37'	50°51'	5820	5820	1	110	3.6	
5	I-6238	14	Saqqaq	Shells	70°04'	52°06'	5845	5845	1	115	20-30	
17	K-2020	2.15	Orpissooq	Shells	68°37'	50°40'	5890	5890	1	100	3	
29	AAR-2556	35	Tasiusaq	Shell	68°40'	52°49'	6320	5920	2	110	6	1.3
55	I-16358	25	Nuugaarsuit	Shells	69°57'	54°50'	5920	5920	2	120	4.5	-1.2
17	HEL-328	16	Orpissooq	Shells	68°37'	50°52'	5930	5970	3	130	14.1	2.7
41	K-3691	22	Qeqertarsuaq	Shells	69°15'	53°35'	5990	5990	2	95	5-7	-1.0
21	HEL-367	16	Qeqertasussuk	Shells	68°33'	51°29'	6040	6040	1	150	29	
25	HEL-436	16	Nuugaarsuk	Shells	68°39'	52°15'	6100	6100	1	160	15.3	
30	HEL-360	16	Niaqornaq	Shells	68°34'	52°58'	6110	6110	1	140	15.3	3.4
25	HEL-364	16	Nuugaarsuk	Shells	68°39'	52°15'	6220	6220	1	160	28.9	
25	HEL-344	16	Nuugaarsuk	Shells	68°38'	52°16'	6300	6300	1	160	5.1	
17	K-1814	13	Orpissooq	Shells	68°37'	50°51'	6360	6360	1	160	3	
17	K-2019	15	Orpissuup Tasia	Shells	68°37'	50°40'	6380	6380	1	110	37	
8	K-6373	36	Eqip Sermia	Shells	69°46'	50°13'	6420	6420	2	110	0.8-2.3	1.4
21	HEL-438	16	Qeqertasussuk	Shells	68°33'	51°29'	6460	6460	1	210	40.3	
20	HEL-454	16	Akuliit	Shells	68°39'	51°15'	6560	6560	1	210	37.9	
19	HEL-370	16	Saatut	Shells	68°38'	51°10'	6680	6680	1	160	18.9	
20	HEL-371	16	Akuliit	Shells	68°39'	51°15'	6690	6690	1	160	37.9	
44	HEL-904	17	Qivittut	Shells	69°27'	53°40'	6760	6800	1	150	18.7	2.1
21	HEL-366	16	Qeqertasussuk	Shells	68°33'	51°29'	6790	6780	3	170	40.3	-0.7
28	HEL-342	16	Kannala	Shells	68°36'	52°32'	6800	6800	1	165	21.4	
12	I-6243	13	Ilimanaq	Shells	69°05'	51°08'	6835	6835	1	125	30	
48	HEL-905	17	Ikineq	Shells	69°29'	53°38'	6840	6840	1	140	3.3	
54	RCD-24	25	Qasigissat	Shells	69°52'	54°46'	6870	6870	2	80	22	0.0
57	I-16357	25	Qisuttarfik	Shells	70°04'	54°40'	6940	6940	2	120	3.8	-2.0
24	HEL-347	16	Qeqertavaaqikasik	Shells	68°36'	51°53'	7010	7010	1	170	24.3	

Loc no.	Lab. no.	Ref. no.	Place name	Material	N. Lat	W. Long	Publage/ Lab. age	Corr. age	Corr. type	+/-	mas.l.	$\delta^{13}\text{C} \text{‰}$ PDB
17	K-1817	13	Orpissooq	Shells	68°37'	50°51'	7030	7030	1	130	2	
12	K-992	10,12	Ilimanaq	Shells	69°01'	51°04'	7110	7110	1	140	40	
27	HEL-363	16	Nivaaq	Shells	68°37'	52°21'	7150	7150	1	210	17.2	
17	HEL-369	1.16	Orpissooq	Shells	68°37'	50°52'	7210	7210	1	170	10.7	
24	HEL-346	16	Qeqertamiut	Shells	68°36'	51°51'	7160	7220	3	170	43	3.6
7	K-3663	22	Qapiarfiit	Shells	69°52'	50°19'	7600	7600	2	110	2-3	-0.1
48	K-993	10,12	Eqaluit	Shells	68°58'	50°53'	7650	7650	1	140	52	
12	K-2022	2.15	Ilimanaq	Shells	69°03'	51°08'	7690	7690	1	120	<15	
30	HEL-455	16	Niaqornaq	Shells	68°34'	52°58'	7800	7800	1	260	42.2	
54	K-5509	25	Qasigissat	Shells	69°52'	54°46'	7810	7810	2	90	15-20	-0.8
22	HEL-329	16	Qarlinguit	Shells	68°31'	51°39'	7880	7840	3	150	50	-2.6
22	HEL-368	16	Qarlinguit	Shells	68°31'	51°38'	7880	7880	1	250	50	
56	HEL-901	17	Kuussuaq	Shells	69°56'	54°17'	7980	7990	3	150	11.2	0.8
44	HEL-903	17	Qivittut	Shells	69°26'	53°42'	8020	8050	3	170	6.8	1.8
43	K-3693	22	Nipisat	Shells	69°26'	54°21'	8050	8050	2	115	20	0.0
45	LU-3040	22,27	Kangikerlak	Shells	69°26'	53°35'	8170	8170	2	80	45	1.1
46	HEL-906	17	Ikineq	Shells	69°29'	53°38'	8250	8280	3	170	40.3	2.0
30	HEL-341	16	Niaqornaq	Shells	68°34'	52°58'	8330	8330	1	220	42.2	
46	HEL-907	17	Ikineq	Shells	69°29'	53°28'	8270	8340	3	170	21.6	4.5
45	LU-3038	22	Kangikerlak	Shells	69°26'	53°27'	8390	8390	2	80	10-12	0.9
25	HEL-345	16	Nuugaarsuk	Shells	68°39'	52°15'	8550	8580	3	190	15.3	1.6
39	K-4568	23	Ippik	Shells	69°18'	53°15'	8620	8620	2	120	69	0.8
12	K-1818	13	Ilimanaq	Shells	69°06'	51°04'	8630	8630	1	140	5-10	
25	HEL-437	16	Nuugaarsuk	Shells	68°39'	52°15'	8630	8630	1	200	28.9	
12	K-2023	15	Ilimanaq	Shells	69°01'	51°08'	8680	8680	1	130	?	
33	RCD-21	25	Nunarsuaq	Shells	68°59'	53°19'	8690	8690	2	90	62	1.0
37	K-3660	22	Aqjarua	Shells	69°40'	52°00'	8700	8700	2	120	40	0.3
51	AAR-2459	34	Akuliit	Shells	69°43'	54°38'	9130	8730	3	80	20	1.1
9	K-3664	22	Appat	Shells	69°44'	51°24'	8760	8760	2	125	21	-0.4
52	LU-3039	22	Iterassuup	Shells	69°43'	54°25'	8770	8770	2	90	19	1.0
5	K-994	10,12	Saqqaq	Shells	70°04'	52°06'	8940	8940	1	170	70	
28	HEL-362	16	Kannala	Shells	68°36'	53°34'	8970	8970	3	170	18.5	3.0
39	HEL-2210	23,32	Ippik	Shells	69°18'	53°15'	9030	9060	3	120	69	1.7
49	LU-3041	22	Ivisaarqut	Shells	69°44'	54°50'	9060	9060	2	90	35	0.5
59	I-16390	25	Illorpaat	Shells	70°14'	54°47'	9200	9200	2	150	4	-1.9
39	K-4567	23	Ippik	Shells	69°18'	53°15'	9220	9220	2	130	28	0.6
40	AAR-5	22	Qeqertarsuaq	Shells	69°17'	53°28'	9240	9240	2	250	82	
3	Ua-1788	25	Siorarsuit	Shells	70°28'	54°06'	9300	9300	2	150	10-15	
57	K-5510	25	Inussuup Kua	Shells	70°03'	54°45'	9350	9350	2	100	38-44	-3.8
58	LU-3037	22	Hammer Dal	Shells	70°10'	54°50'	9360	9360	2	140	38	-0.8
35	I-16393	25	Niaqussat	Shells	70°16'	54°37'	9920	9920	2	150	25	-3.7
2	Ua-1789	25	Talerua	Shells	70°23'	54°57'	10470	10470	2	130	30-35	

Loc no.	Lab. no.	Ref. no.	Place name	Material	N. Lat	W. Long	Publ. age/ Lab. age	Corr. age	Corr. type	+/-	ma.s.l.	$\delta^{13}\text{C} \text{‰}$ PDB
<b>WHALE</b>												
1	I-16414	25,29	Kangeq	Whale	70°43'	54°36'	380	380	2	80	5	-18.1
38	K-6181	33	Tuapaat	Whale	69°24'	52°35'	480	480	2	75	3.1	-14.5
49	K-3161	18,3	Ivisaarqut	Whale	69°44'	54°48'	2750	2750	2	80	2	-14.0
36	K-6388	36	Asuk	Whale	70°12'	53°19'	4320	4320	2	100	5.3	-14.9
56	Ua-1785	25	Kuussuaq	Whale	69°58'	54°12'	6510	6510	2	80	?	
55	I-16366	25	Nuugaarsuit	Whale	69°57'	54°49'	7190	7190	2	150	6.5	-21.6
55	I-16356	25	Nuugaarsuit	Whale	69°57'	54°49'	7350	7350	2	120	22	-19.6
48	K-5969	25	Eqaluit	Whale	69°37'	54°45'	8400	8400	2	90	36	-15.8
<b>MUD</b>												
53	AAR-1813	34	Saqqarliit Ilorliit	Mud	69°44'	54°30'	-190	-190	2	70	1.2	-25.0
53	AAR-1814	34	Saqqarliit Ilorliit	Mud	69°44'	54°30'	300	300	2	60	1.2	-24.4
53	AAR-1810	34	Saqqarliit Ilorliit	Mud	69°44'	54°30'	420	420	2	80	0.9	-24.8
53	AAR-1811	34	Saqqarliit Ilorliit	Mud	69°44'	54°30'	700	700	2	160	0.8	-24.8
53	AAR-1812	34	Saqqarliit Ilorliit	Mud	69°44'	54°30'	710	710	2	200	0.7	-25.0
<b>PEAT AND GYTTJA</b>												
53	AAR-1815	34	Saqqarliit Ilorliit	Gyttja	69°44'	54°30'	360	360	2	80	0.8	-25.5
44	K-5774	28	Qivittut	Gyttja	69°27'	53°40'	370	370	2	55	13.5	-20.1
38	K-6180	33	Tuapaat	Peat	69°24'	52°36'	390	390	2	55	2.9	-27.7
53	AAR-1816	34	Saqqarliit Ilorliit	Gyttja	69°44'	54°30'	620	620	2	80	0.6	-26.0
38	K-6179	33	Tuapaat	Peat	69°24'	52°36'	670	670	2	75	3.1	-27.7
36	AAR-2199	36	Asuk	Basal peat	70°12'	53°19'	755	755	2	60	1	-27.1
50	AAR-2198	34	Narsaarssuk	Basal peat	69°44'	54°40'	840	840	2	60	1	-21.6
42	K-577	26	Killit	Gyttja	69°16'	53°50'	890	890	2	65	11	-24.3
46	Hel-945	17	Ikineq	Peat	69°29'	53°38'	970	970	1	110	0.3	
38	AAR-1422	33	Tuapaat	Basal peat	69°24'	52°36'	980	980	2	60	3.5	-28.2
34	UA-1787	25	Assissuk	Basal peat	69°04'	53°32'	1610	1610	1	100	5.2	
43	K-5775	28	Qivittut	Gyttja	69°27'	53°40'	1780	1780	2	55	12.5	-20.6
40	K-3908	22	Qeqertarsuaq	Gyttja	69°17'	53°28'	2050	2050	2	80	82	-24.2
42	K-5778	28	Killit	Gyttja	69°16'	53°50'	2330	2330	2	75	10	-22.3
40	K-3909	22	Qeqertarsuaq	Gyttja	69°17'	53°28'	3900	3900	2	90	82	-24.5
42	K-5779	28	Killit	Gyttja	69°16'	53°50'	3930	3930	2	85	8.5	-24.1
46	K-5776	25,28	Qivittut	Basal gyttja	69°27'	53°40'	4730	4730	2	115	10.5	-23.5
40	K-3666	22	Qeqertarsuaq	Basal gyttja	69°17'	53°28'	5310	5310	2	95	82	-25.7
47	K-3505	21,34	Eqalunnguit	Basal gyttja	69°32'	53°41'	6750	6750	2	105	20-25	-22.8
20	K-3655	22	Nuuk	Clay-gyttja	68°40'	51°01'	6920	6920	2	75	120	-14.7
16	K-3654	22	Qarajaq	Clay-gyttja	68°40'	50°51'	7120	7120	2	135	200	-18.0
118	K-987	10,11,12	Tasiussaq	Gyttja	69°01'	51°04'	7850	7850	1	190	?	
37	K-3667	22	Aqajarua	Gyttja	69°40'	52°01'	8950	8950	2	125	100	-12.9
40	K-3665	22	Qeqertarsuaq	Gyttja	69°17'	53°28'	10180	10180	2	155	82	-23.7



Loc no.	Lab. no.	Ref. no.	Place name	Material	N. Lat	W. Long	Publage/ Lab. age	Corr. age	Corr. type	+/-	mas.l.	$\delta^{13}\text{C} \text{‰}$ PDB
<b>ARCHAEOLOGICAL FINDINGS</b>												
4	K-6387	37	Atanikerluk	Seal in midden	70°04'	52°23'	425	425	2	75	4	-12.6
10	K-557	4,6	Sermermiut	Peat	69°12'	51°11'	710	710	1	100	6-7	
11	K-3653	19,35	Qajaa	Peat	69°08'	50°43'	750	750	2	70	<5	-24.3
10	K-556	4,6	Sermermiut	Peat	69°12'	51°11'	940	940	1	120	6-7	
17	AAR-2554	35	Orpissooq	Peat	68°37'	50°52'	1025	1025	2	55	4	-27.7
6	K-145	5,1	Illorsuit	Charcoal	69°59'	51°21'	1120	1120	1	120	1-2	
10	K-813	4,7,8	Sermermiut	Peat	69°12'	51°11'	1540	1540	1	100	4,4	
11	K-3652	19,35	Qajaa	Peat	69°08'	50°43'	1600	1600	2	55	<5	-24.3
18	K-4560	31	Qeqertasussuk	Peat w. cult.rem.	68°35'	51°05'	1730	1730	2	70	<2.5	-24.2
11	K-3903	19,35	Qajaa	peat	69°08'	50°43'	1860	1860	2	70	<5	-24.7
10	K-515	4,7,8	Sermermiut	Peat	69°12'	51°11'	1910	1910	1	100	4	
10	K-517	4,7,8	Sermermiut	Peat	69°12'	51°11'	1940	1940	1	100	4,4	
11	K-3898	19,35	Qajaa	Peat	69°08'	50°43'	2150	2150	2	75	<5	-25.1
5	K-3771	20,36	Saqqaq	Peat w. cult.rem.	70°01'	51°57'	2160	2160	2	70	1	-23.8
11	K-3897	19,35	Qajaa	Peat	69°08'	50°43'	2200	2200	2	75	<5	-24.7
17	AAR-2350	35	Orpissooq	Caribou	68°37'	50°52'	2200	2200	2	65	1,4	-18.0
11	K-3902	19,35	Qajaa	Peat	69°08'	50°43'	2210	2210	2	70	<5	-24.5
10	K-3769	20,35	Sermermiut	Peat w. cult.rem.	69°12'	51°11'	2260	2260	2	70	<5	-25.0
11	K-3896	19,35	Qajaa	Peat	69°08'	50°43'	2280	2280	2	75	<5	-25.5
10	K-812	4,7	Sermermiut	Peat w. cult.rem.	69°12'	51°11'	2330	2330	1	110	4,2	
10	K-811	4,7,8	Sermermiut	Peat	69°12'	51°11'	2350	2350	1	110	4	
5	K-3770	20,36	Saqqaq	Peat w. cult.rem.	70°01'	51°57'	2370	2370	2	70	1	-24.1
23	AAR-2343	35	Annertusuaqqap Nuua	Caribou	68°35'	51°52'	2460	2460	2	70	1,5	-18.7
23	AAR-2351	35	Annertusuaqqap Nuua	Charcoal	68°35'	51°52'	2530	2530	2	75	-0,1	-23,4
5	K-3772	20,36	Saqqaq	Peat w. cult.rem.	70°01'	51°57'	2550	2550	2	70	1	-14,7
10	K-809	4,7,8	Sermermiut	Peat	69°12'	51°11'	2570	2570	1	110	3,8	
11	K-3895	19,35	Qajaa	Peat	69°08'	50°43'	2640	2640	2	75	<5	-25,4
11	K-3894	19,35	Qajaa	Peat	69°08'	50°43'	2700	2700	2	75	<5	-25,5
11	K-3649	19,35	Qajaa	Peat	69°08'	50°43'	2720	2720	2	80	<5	-25,1
10	K-516	4,7,8	Sermermiut	Peat	69°12'	51°11'	2740	2740	1	100	3,7	
5	K-518	3,6	Saqqaq	Charcoal	70°01'	51°57'	2760	2760	1	100	?	
10	K-808	4,7	Sermermiut	Peat	69°12'	51°11'	2830	2830	1	120	3,8	
11	K-3901	19,35	Qajaa	Peat	69°08'	50°43'	2830	2830	2	80	<5	-24,2
11	K-3647	19,35	Qajaa	Wood	69°08'	50°43'	2850	2850	2	80	<5	-26,2
11	K-3646	19,35	Qajaa	Peat	69°08'	50°43'	2890	2890	2	65	<5	-23,8
11	K-3905	19,35	Qajaa	Peat	69°08'	50°43'	2910	2910	2	75	<5	-25,6
11	K-3651	19,35	Qajaa	Peat	69°08'	50°43'	3100	3100	2	75	<5	-24,0

Loc no.	Lab. no.	Ref. no.	Place name	Material	N. Lat	W. Long	Publ.age/ Lab. age	Corr. age	Corr. type	+/-	ma.s.l.	$\delta^{13}\text{C}$ ‰ PDB
11	K-3645	19,35	Qajaa	Peat	69°08'	50°43'	3150	3150	2	80	< 5	-25.1
18	K-4820	24,26,31	Qeqertasussuk	Peat w. cult.rem.	68°35'	51°05'	3150	3150	2	80	4.5 - 5.5	-27.9
11	K-3650	19,35	Qajaa	Peat	69°08'	50°43'	3290	3290	2	80	< 5	-27.3
18	K-4816	24,26,31	Qeqertasussuk	Peat w. cult.rem.	68°35'	51°05'	3310	3310	2	80	4.5 - 5.5	-26.2
6	K-146	5,1	Illorsuit	Charcoal	69°58'	51°15'	3340	3340	1	140	2	
10	K-807	4,7,8	Sermermiut	Peat w. cult.rem.	69°12'	51°11'	3360	3360	1	120	3,6	
18	K-4561	24,26,31	Qeqertasussuk	Peat w. cult.rem.	68°35'	51°05'	3390	3390	2	80	4.5 - 5.5	-24.8
18	K-5128	26,31	Qeqertasussuk	Seal in midden	68°35'	51°05'	3400	3400	2	80	4.5 - 5.5	-14.9
11	K-3648	19,35	Qajaa	Peat	69°08'	50°43'	3430	3430	2	85	< 5	-25.8
11	K-3900	19,35	Qajaa	Wood	69°08'	50°43'	3440	3440	2	80	< 5	-25.9
18	K-5124	31	Qeqertasussuk	Seal in midden	68°35'	51°05'	3460	3460	2	80	< 2.5	-14.4
11	K-3906	19,35	Qajaa	Wood	69°08'	50°43'	3490	3490	2	140	< 5	-26.7
18	K-5126	26,31	Qeqertasussuk	Seal in midden	68°35'	51°05'	3500	3500	2	80	4.5 - 5.5	-14.1
10	K-806	4,7,8	Sermermiut	Peat w. cult.rem.	69°12'	51°11'	3510	3510	1	120	3,5	
11	K-3899	19,35	Qajaa	Wood	69°08'	50°43'	3550	3550	2	80	< 5	-25.6
11	K-3904	19,35	Qajaa	Wood	69°08'	50°43'	3550	3550	2	85	< 5	-26.7
18	K-5127	26,31	Qeqertasussuk	Seal in midden	68°35'	51°05'	3570	3570	2	80	4.5 - 5.5	-14.0
6	K-144	5,1	Illorsuit	Charcoal	69°59'	51°21'	3570	3570	1	150	2	
18	K-4822	24,26,31	Qeqertasussuk	Peat w. cult.rem.	68°35'	51°05'	3640	3640	2	75	4.5 - 5.5	-26.7
18	K-4818	24,26,31	Qeqertasussuk	Peat w. cult.rem.	68°35'	51°05'	3650	3650	2	85	4.5 - 5.5	-27.3
18	K-4817	24,26,31	Qeqertasussuk	Peat w. cult.rem.	68°35'	51°05'	3680	3680	2	85	4.5 - 5.5	-26.6
10	K-3768	20,35	Sermermiut	Peat w cult.rem.	69°12'	51°11'	3690	3690	2	80	?	-23.3
18	K-4562	24,26,31	Qeqertasussuk	Peat w. cult.rem.	68°35'	51°05'	3690	3690	2	80	< 2.5	-22.5
18	K-4563	24,26,31	Qeqertasussuk	Peat w. cult.rem.	68°35'	51°05'	3720	3720	2	80	< 2.5	-24.2
18	K-4564	24,26,31	Qeqertasussuk	Peat w. cult.rem.	68°35'	51°05'	3730	3730	2	80	< 2.5	-24.3
18	K-4565	24,26,31	Qeqertasussuk	Peat w. cult.rem.	68°35'	51°05'	3750	3750	2	80	< 2.5	-22.4
18	K-4821	24,26,31	Qeqertasussuk	Peat w. cult.rem.	68°35'	51°05'	3760	3760	2	80	4.5 - 5.5	-27.3
18	K-4819	24,26,31	Qeqertasussuk	Peat w. cult.rem.	68°35'	51°05'	3780	3780	2	85	4.5 - 5.5	-25.6
18	K-5125	31	Qeqertasussuk	Seal in midden	68°35'	51°05'	3820	3820	2	60	< 2.5	-14.6
18	K-4566	24,26,31	Qeqertasussuk	Peat w. cult.rem.	68°35'	51°05'	3880	3880	2	85	< 2.5	-22.5
18	K-4823	24,26,31	Qeqertasussuk	Peat w. cult.rem.	68°35'	51°05'	3980	3980	2	85	4.5 - 5.5	-25.0

35. Rasch, M. & Jensen, J.F. (submitted): Ancient Eskimo dwelling sites and Holocene relative sea level changes in southern Disko Bugt, central West Greenland. *Polar Research*.

36. Rasch, M. & Peltier, W.R. (in prep.): Holocene relative sea level changes in Disko Bugt, West Greenland.

37. This work.

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**Table 1:** Radiocarbon dates from Disko Bugt, central West Greenland, (the following 5 pages).