

## Supplements

**Table 2.** The screened radiocarbon dating from Palaeo-Eskimo contexts in the Ellesmere/Thule region.

Lab no.	Material	Association	Cultural group	Radiocarbon age BP	Uncertainty	13 C	Calibration, 1 sigma	Reference
TO994	Willow	hearth	Independence I	3990	70	-	B.C. 2620-2340	(Schledermann 1990)
TO993	Willow	hearth	Independence I	3940	70	-	B.C. 2570-2300	(Schledermann 1990)
K-3366	Muskox bone	Palaeo-eskimo tent ring	Independence I	3870	85		B.C. 2470-2200	(Grønnow and Jensen 2003)
AAR 31887	Willow, Charcoal	hearth in midpassag, ruin C	Saqqaq	3868	26	-23	B.C 2451-2291	Sørensen and Diklev this volume
AA63346	Charcoal (salix sp)	Early Palaeoeskimo tent ring	unknown	3857	45	-25,34	B.C. 2465-2203	(Darwent et al. 2007)
TO1556	Muskox bone	tent ring	Saqqaq	3840	70	-	B.C. 2460-2200	(Schledermann 1990)
I-12339	Willow	Independence I	Independence I	3790	95	-25	B.C. 2440-2040	(Sutherland 1989)
AAR 31882	Antler, Caribou	cultural layer	unknown	3684	34	-18	B.C. 2136-2027	Sørensen and Diklev this volume
KIA- 32917	Willow, Charcoal	Independence I, ruin C tent ring	Independence I	3675	40	-26,3	BC 2135-1979	(Sørensen 2010)
AAR 31883	Bone, terrestrial long bone	cultural layer	unknown	3621	30	-18,7	B.C 2028-1942	Sørensen and Diklev this volume
TO1555	Muskox bone	Saqqaq	Saqqaq	3610	60	-	B.C. 2120-1880	(Schledermann 1990)
AAR 31881	Antler, Caribou	cultural layer	unknown	3575	31	-19,1	B.C. 2008-1884	Sørensen and Diklev this volume
AAR 31884	Willow, Charcoal	cultural layer	unknown	3485	26	-24	B.C. 1878-1750	Sørensen and Diklev this volume
TO1638	Willow	hearth	Predorset	3440	50	-	B.C. 1880-1680	(Schledermann 1990)
TO992	Willow	hearth	Saqqaq	3420	60	-	B.C. 1870-1630	(Schledermann 1990)
AA66427	Caribou bone	Early Palaeoeskimo tent ring	unknown	3241	55	-20,6	B.C. 1669-1412	(Darwent et al. 2007)
?	Willow	Saqqaq	Saqqaq	3160	50	-	B.C. 1495-1400	(Schledermann and McCullough 1992)
Beta35678	Terrestrial Bone ?	Predorset	Predorset	3070	70	-20	B.C. 1430-1250	(Sutherland 1996)
Beta35677	Terrestrial Bone ?	Predorset	Predorset	2980	70	-20	B.C. 1370-1100	(Sutherland 1996)
Beta35676	Terrestrial Bone ?	Predorset	Predorset	2800	70	-20	B.C. 1050-840	(Sutherland 1996)

GEO6072	Plant material	Early Dorset	Transitional Dorset	2780	140	-	B.C. 1130-800	(Schledermann 1990)
KIA-18940	Caribou bone	Early Dorset	Greenlandic Dorset	2610	25	-19,2	B.C. 810-785	(Damkjar 2003)
AAR 31886	Willow, Charcoal	Greenlandic Dorset, cultural layer	Greenlandic Dorset	2453	21	-24	B.C. 746-480	Sørensen and Diklev this volume
AAR 31885	Willow, Charcoal	cultural layer	Greenlandic Dorset	2180	22	-24	B.C. 350-175	Sørensen and Diklev this volume
K-6871	Bone, musk-ox	Late Dorset, western area	Late Dorset	1250	40	-20,7	AD 710-860	(Appelt and Gulløv 1999)
K-6890	Willow	Late Dorset, hearth row	Late Dorset	1200	45	-26,4	AD 780-890	(Appelt and Gulløv 1999)
K-6968	Moss	Late Dorset, hearth row	Late Dorset	1095	40	-22,1	AD 895-1000	(Appelt and Gulløv 1999)
K-6703	Bone, musk-ox	Late Dorset, Dwelling layer	Late Dorset	985	45	-21	AD 1015-1155	(Appelt and Gulløv 1999)
AA63345	Caribou bone	Late Dorset midden	Late Dorset	972	45	-22,71	A.D. 987-1166	Darwent et al. 2007
K-6702	Bone, musk-ox	Late Dorset, Dwelling layer	Late Dorset	950	45	-21,3	AD 1040-1150	(Appelt and Gulløv 1999)
AA63348	Muskox bone	Palaeo-skimo tent ring	Late Dorset	944	45	-24,34	A.D. 1017-1207	(Darwent et al. 2007)
AA101046	Bone, caribou/musk ox	Late Dorset midden	Late Dorset	944	35	-21,8	AD 1021-1164	(Darwent et al. 2019)
AAR-3221	Willow	Late Dorset, Dwelling layer	Late Dorset	940	45	-26,2	AD 1025-1165	(Appelt and Gulløv 1999)
Ka-6970	Tooth, musk-ox	Late Dorset, Dwelling layer	Late Dorset	930	60	-20,6	AD 1025-1200	(Appelt and Gulløv 1999)
AA66426	Musk ox bone, horn core	Late Dorset midpassage tent ring	Late Dorset	926	47	-22,1	A.D. 1023-1208	Darwent et al. 2007
K-6706	Bone, musk-ox	Late Dorset, Dwelling layer	Late Dorset	925	38	-20,2	AD 1035-1170	(Appelt and Gulløv 1999)
AA101041	Bone, caribou/musk ox	Late Dorset midden	Late Dorset	923	44	-21,1	AD 1024-1206	(Darwent et al. 2019)
AA101042	Bone, caribou/musk ox	Late Dorset midden	Late Dorset	923	32	-19,2	AD 1026-1185	(Darwent et al. 2019)
K-6704	Bone, musk-ox	Late Dorset, Dwelling layer	Late Dorset	920	45	-21,1	AD 1035-1190	(Appelt and Gulløv 1999)
AA101044	Bone, caribou/musk ox	Late Dorset midden	Late Dorset	905	33	-19,2	AD 1036-1208	(Darwent et al. 2019)
K-6874	Bone, musk-ox	Late Dorset midden	Late Dorset	905	40	-20,1	AD 1045-1215	(Appelt and Gulløv 1999)

K-6969	Willow	Late Dorset, Dwelling layer	Late Dorset	900	45	-28,6	AD 1045-1215	(Appelt and Gulløv 1999)
Beta-482289	Bone, caribou/muskox	Late Dorset midden	Late Dorset	900	30	-19,7	AD 1039-1210	(Darwent et al. 2019)
Beta-482284	Bone, caribou/muskox	Late Dorset midden	Late Dorset	890	30	-19,8	AD 1041-1218	(Darwent et al. 2019)
Beta-482286	Bone, caribou/muskox	Late Dorset midden	Late Dorset	870	30	-20,9	AD 1045-1250	(Darwent et al. 2019)
Beta-482287	Bone, caribou/muskox	Late Dorset midden	Late Dorset	870	30	-18,9	AD 1045-1250	(Darwent et al. 2019)
AA63347	Muskox bone, horn core	Late Dorset tent ring	Late Dorset	860	45	-25,44	A.D. 1043-1262	Darwent et al. 2007
Beta-482285	Bone, caribou/muskox	Late Dorset midden	Late Dorset	860	30	-20,5	AD 1049-1256	(Darwent et al. 2019)
AAR-3219	Arctic hare	Late Dorset, Dwelling layer	Late Dorset	770	40	-21,7	AD 1240-1280	(Appelt and Gulløv 1999)
K-6708	Willow	Late Dorset, outside hearth	Late Dorset	711	43	-27	AD 1280-1300	(Appelt and Gulløv 1999)
AAR-3223	Bone, caribou	Late Dorset, Dwelling layer	Late Dorset	565	65	-19,8	AD 1310-1430	(Appelt and Gulløv 1999)