Supplementary Table 2) Samples used to determine most likely date ranges of archaeological walruses, including site, material, laboratory #, radiocarbon date (14C yr BP), 2σ calibrated date (cal yr BP), and data source.

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| --- | --- | --- | --- | --- | --- |
| **Site** | **Material** | **Laboratory #** | **Date (14C yr BP)** | **2σ Cal Date (cal yr BP)** | **Source** |
| Adamagan | Charcoal | CAMS-41427 | 2110 ± 50 | 2150 – 2000 | Jordan and Maschner 2000 |
| Birnirk | Caribou Bone Collagen | UGAMS-24352 | 1014 ± 23 | 968 – 835 | This Study |
| Birnirk | Caribou Bone Collagen | UGAMS-25359 | 932 ± 23 | 920 – 790 | This Study |
| Birnirk | Caribou Bone Collagen | UGAMS-25364 | 940 ± 23 | 920 – 790 | This Study |
| Birnirk | Caribou Bone Collagen | UGAMS-25367 | 1047 ± 23 | 1050 – 820 | This Study |
| Birnirk | Caribou Bone Collagen | UGAMS-25368 | 913 ± 22 | 920 – 780 | This Study |
| Deering | Caribou Bone Collagen | UGAMS-29368 | 813 ± 23 | 770 – 680 | This Study |
| Hot Springs | Charcoal | CAMS-170164 | 1215 ± 30 | 1260 –1060 | NSF Award #1358682 |
| Hot Springs | Charcoal | CAMS-170167 | 1885 ± 30 | 1890 – 1730 | NSF Award #1358682 |
| Hot Springs | Charcoal | CAMS-170168 | 1835 ± 40 | 1880 – 1630 | NSF Award #1358682 |
| Hot Springs | Charcoal | CAMS-174824 | 2650 ± 30 | 2850 – 2740 | NSF Award #1358682 |
| Hot Springs | Charcoal | CAMS-174826 | 2500 ± 35 | 2750 – 2460 | NSF Award #1358682 |
| Hot Springs | Charcoal | CAMS-174827 | 2910 ± 30 | 3160 – 2960 | NSF Award #1358682 |
| Hot Springs | Charcoal | CAMS-174829 | 2825 ± 30 | 3030 – 2850 | NSF Award #1358682 |
| Hot Springs | Charcoal | CAMS-174830 | 3120 ± 40 | 3450 – 3220 | NSF Award #1358682 |
| Hot Springs | Charcoal | CAMS-174831 | 2865 ± 35 | 3140 – 2870 | NSF Award #1358682 |
| Hot Springs | Charcoal | CAMS-174833 | 3125 ± 30 | 3450 – 3240 | NSF Award #1358682 |
| Hot Springs | Charcoal | CAMS-174834 | 2850 ± 30 | 3070 – 2870 | NSF Award #1358682 |
| Ipiutak | Caribou Bone Collagen | K-2745 | 1490 ± 70 | 1620 – 1260 | Mason 2006 |
| Ipiutak | Caribou Bone Collagen | K-2743 | 1320 ± 70 | 1520 – 1260 | Mason 2006 |
| Ipiutak | Caribou Bone Collagen | K-2744 | 1290 ± 55 | 1310 – 1079 | Mason 2006 |
| Ipiutak | Wood | K-2742 | 1300 ± 70 | 1342 – 1057 | Mason 2006 |
| Ipiutak | Wood | K-2746 | 1390 ± 70 | 1410 – 1180 | Mason 2006 |
| Ipiutak | Wood | Beta-66262 | 1370 ± 50 | 1352 – 1175 | Mason 2006 |
| Ipiutak | Wood | Beta-66263 | 1520 ± 50 | 1526 – 1306 | Mason 2006 |
| Izembek Lagoon | Charcoal | BETA 29382 | 330 ± 100 | 510 – 290 | Jordan and Maschner 2000 |
| Kiyalighaq | Caribou Bone Collagen | UGAMS-24341 | 107 ± 22 | 270 – 80 | This Study |
| Kiyalighaq | Caribou Bone Collagen | UGAMS-24342 | 87 ± 22 | 270 – 90 | This Study |
| Kiyalighaq | Wood | UGAMS-22738 | 128 ± 22 | 280 – 80 | This Study |
| Nukleet | Caribou Bone Collagen | UGAMS-25358 | 412 ± 23 | 520 – 330 | This Study |
| Nukleet | Caribou Bone Collagen | UGAMS-24351 | 483 ± 22 | 540 – 500 | This Study |
| Nukleet | Grass | UGAMS-22736 | 368 ± 22 | 500 – 310 | This Study |
| Nuvuk | Caribou Bone Collagen | UGAMS-25369 | 858 ± 24 | 900 – 700 | This Study |
| Nuvuk | Caribou Bone Collagen | UGAMS-25360 | 156 ± 23 | 290 – 0 | This Study |
| Nuvuk | Caribou Bone Collagen | UGAMS-25361 | 158 ± 23 | 280 –0 | This Study |
| Nuvuk | Caribou Bone Collagen | UGAMS-25363 | 168 ± 22 | 290 – 0 | This Study |
| Nuvuk | Caribou Bone Collagen | UGAMS-25365 | 198 ± 23 | 290 – 0 | This Study |
| Nuvuk | Caribou Bone Collagen | UGAMS-25362 | 119 ± 22 | 270 – 10 | This Study |
| Nuvuk | Caribou Bone Collagen | UGAMS-25366 | 88 ± 22 | 260 – 30 | This Study |
| Nuvuk | Caribou Bone Collagen | UGAMS-24343 | 985 ± 22 | 960 – 790 | This Study |
| Old Tigara | Caribou Bone Collagen | UGAMS-22703 | 257 ± 22 | 430 – 150 | This Study |
| Old Tigara | Caribou Bone Collagen | UGAMS-22704 | 114 ± 21 | 270 – 10 | This Study |
| Old Tigara | Caribou Bone Collagen | UGAMS-22705 | 199 ± 21 | 300 – 0 | This Study |
| Old Tigara | Caribou Bone Collagen | UGAMS-22706 | 124 ± 21 | 270 – 10 | This Study |
| Old Tigara | Caribou Bone Collagen | UGAMS-22707 | 193 ± 22 | 290 – 0 | This Study |
| Old Tigara | Caribou Bone Collagen | UGAMS-22708 | 141 ± 21 | 300 – 0 | This Study |
| Old Tigara | Caribou Bone Collagen | UGAMS-22709 | 120 ± 23 | 270 – 10 | This Study |
| Old Tigara | Caribou Bone Collagen | UGAMS-22710 | 291 ± 23 | 440 – 290 | This Study |
| Old Tigara | Caribou Bone Collagen | UGAMS-22711 | 92 ± 22 | 260 – 20 | This Study |
| Old Tigara | Caribou Bone Collagen | UGAMS-22712 | 107 ± 23 | 270 – 20 | This Study |
| Old Tigara | Caribou Bone Collagen | UGAMS-22713 | 483 ± 23 | 540 – 500 | This Study |
| Old Tigara | Caribou Bone Collagen | UGAMS-22714 | 329 ± 23 | 470 – 300 | This Study |
| Old Tigara | Caribou Bone Collagen | UGAMS-28272 | 337 ± 25 | 480 – 310 | This Study |
| Old Tigara | Caribou Bone Collagen | UGAMS-22715 | 131 ± 22 | 280 – 10 | This Study |
| Old Tigara | Caribou Bone Collagen | UGAMS-22716 | 167 ± 22 | 290 – 0 | This Study |
| Old Tigara | Caribou Bone Collagen | UGAMS-22717 | 219 ± 22 | 310 – 0 | This Study |
| Old Tigara | Caribou Bone Collagen | UGAMS-28273 | 111 ± 24 | 270 – 10 | This Study |
| Old Tigara | Caribou Bone Collagen | UGAMS-22702 | 372 ± 21 | 500 – 330 | This Study |
| Pingusugruk | Caribou Bone Collagen | UGAMS-23967 | 310 ± 23 | 460 – 300 | This Study |
| Pingusugruk | Caribou Bone Collagen | UGAMS-23968 | 294 ± 22 | 440 – 290 | This Study |
| Pingusugruk | Caribou Bone Collagen | UGAMS-23969 | 296 ± 22 | 440 – 290 | This Study |
| Pingusugruk | Caribou Bone Collagen | UGAMS-23970 | 329 ± 23 | 470 – 300 | This Study |
| Pingusugruk | Caribou Bone Collagen | UGAMS-23971 | 278 ± 23 | 430 – 280 | This Study |
| Pingusugruk | Caribou Bone Collagen | UGAMS-23972 | 335 ± 22 | 470 – 310 | This Study |
| Pingusugruk | Caribou Bone Collagen | UGAMS-23973 | 345 ± 22 | 490 – 310 | This Study |
| Pingusugruk | Caribou Bone Collagen | UGAMS-23974 | 307 ± 23 | 460 – 300 | This Study |
| Pingusugruk | Caribou Bone Collagen | UGAMS-23975 | 352 ± 23 | 500 – 310 | This Study |
| Pingusugruk | Caribou Bone Collagen | UGAMS-23976 | 321 ± 22 | 470 – 300 | This Study |
| Pingusugruk | Caribou Bone Collagen | UGAMS-24353r | 286 ± 23 | 440 – 280 | This Study |
| Pingusugruk | Wood | UGAMS-22738 | 128 ± 22 | 280 – 80 | This Study |
| Sanak | Charcoal | CAMS-127653 | 3635 ± 45 | 4084 – 3843 | Maschner et al. 2009 |
| Sanak | Charcoal | CAMS-110660 | 2070 ± 35 | 2133 – 1947 | Misarti et al. 2011 |
| Sanak | Charcoal | CAMS-136166 | 2070 ± 35 | 2133 – 1947 | Maschner et al. 2009 |
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| Pingusugruk 12 unpublished dates Contact authors for more information | | | | | |
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