

University of Washington, Department of Chemistry¹

Laboratory number	Published reference	Original date or other value	Corrected date or other value	δ C ¹⁴ , ‰	A.D./B.C. date
UW-1	78:3	2170 ± 60		-245 ± 5	220 B.C.
-2	78:3	780 ± 60		-98 ± 6	A.D. 1170
-3	78:7	1690 ± 80		-190 ± 8	A.D. 260
-4	78:7	1340 ± 100		-154 ± 10	A.D. 610
-5	78:7	1686 ± 60		-190 ± 6	A.D. 264
-7	78:4	27,900 ± 800 d	>50,000 ²		
-8	78:4	12,300 ± 200	10,700 ± 200 c	-736 ± 7	8750 B.C.
-9	78:5	31,600 ± 900	>32,000 c		
-10	78:4	34,700 ± 1100	>35,000 c		
-11	78:4	31,300 ± 900	>31,000 c		
-12	78:4	27,900 ± 1200	>28,000 c		
-13	78:4	31,400 ± 1600	>31,000 c		
-14	78:6	685 ± 40		-88 ± 4	A.D. 1265
-15	78:6	260 ± 50		-39 ± 7	A.D. 1690
-16	78:6	1380 ± 100		-169 ± 11	A.D. 570
-17	78:4	24,200 ± 2100 d	>49,000 ³		
-18	78:6	3700 ± 100			1750 B.C.
-19	78:5	33,000 ± 1000 d	>44,000 ⁴		
-20	78:5	34,500 ± 1000	>34,000 c		
-21	78:6	433 ± 80		-53 ± 9	A.D. 1520
-22	78:7	1715 ± 60		-203 ± 6	A.D. 235
-24	78:7	1514 ± 40		-181 ± 4	A.D. 436
-25	78:5	32,700 ± 1000	>33,000 c		
-26	78:7	1540 ± 70		-175 ± 8	A.D. 410
-27	78:5	1680 ± 70		-188 ± 8	A.D. 270

¹ Reference standard Sequoia wood, not significantly different from 0.95 NBS oxalic acid.

² See UW-74, Washington III.

³ See UW-63, Washington III.

⁴ See UW-67, Washington III.

U. S. Geological Survey¹

Laboratory number	Published reference	Original date or other value	Corrected date or other value	δ C ¹⁴ , ‰	A.D./B.C. date
W-7	17:472	2270 ± 200			320 B.C.
-26	17:468	2540 ± 200			590 B.C.
-27	17:468	2500 ± 200			550 B.C.
-28	17:472	>30,000			
-29	17:467	330 ± 160			A.D. 1620
-30	17:468	4030 ± 200			2030 B.C.
-31	17:468	300 ± 160			A.D. 1650
-32	17:468	650 ± 200			A.D. 1300
-33	17:469	13,600 ± 500			11,650 B.C.
-35	17:472	<200			
-36	17:472	2700 ± 200			750 B.C.
-37	17:469	20,700 ± 600			18,750 B.C.
-40	17:468	1050 ± 160			A.D. 900
-42	17:471-2	11,350 ± 120	11,250 ± 120 c		9300 B.C.
-43	17:471	3500 ± 200			1550 B.C.
-44	17:469	4800 ± 400			2850 B.C.
-45	17:469	7570 ± 250			5620 B.C.
-46	17:469	12,700 ± 280			10,750 B.C.
-47	17:472	980 ± 150			A.D. 970
-48	17:468	8500 ± 200			6550 B.C.
-49	17:471	10,560 ± 200			8610 B.C.
-50	17:472	4900 ± 250			2950 B.C.

Laboratory number	Published reference	Original date or other value	Corrected date or other value	$\delta C^{14}, \text{‰}$	A.D./B.C. date
-53	17:471	3300 ± 200			1350 B.C.
-57	17:469	12,380 ± 370			10,430 B.C.
-58	17:470	12,380 ± 360			10,430 B.C.
-59	17:470	7990 ± 200			6040 B.C.
-61	17:470	6720 ± 200			4770 B.C.
-62	17:471	1100 ± 200			A.D. 850
-64	17:470	13,140 ± 400			11,190 B.C.
-65	17:470	13,020 ± 400			11,070 B.C.
-66	17:468	23,000 ± 800			21,050 B.C.
-67	17:470	>34,000			22,650 B.C.
-68	17:470	22,900 ± 900			20,950 B.C.
-69	17:470	25,100 ± 800			23,150 B.C.
-71	17:469	24,600 ± 800			22,650 B.C.
-72	17:468	8570 ± 200			6620 B.C.
-74	17:468	>32,000			
-75	17:468	>32,000			
-76	17:471	>32,000			
-77	17:471	>32,000			
-78	17:471	2370 ± 200			420 B.C.
-79	17:470	24,000 ± 700			22,050 B.C.
-81	17:472	11,170 ± 180			9220 B.C.
-82	17:472	10,260 ± 200			8310 B.C.
-83	17:471-2	11,410 ± 180			9460 B.C.
-84	17:472	10,510 ± 180			8560 B.C.
-85	17:472-3	34,000 ± 2800 ²			32,050 B.C.
-86	17:472-3	28,500 ± 800			26,550 B.C.
-87	17:469	>35,000			
-88	17:469	21,400 ± 600			19,450 B.C.
-89	17:472-3	7300 ± 300			5350 B.C.
-91	17:469	18,050 ± 400			16,100 B.C.
-92	17:469	19,980 ± 500			18,030 B.C.
-95	17:468	8780 ± 200			6830 B.C.
-96	17:469	>34,000			
-97	17:472-3	12,300 ± 350			10,350 B.C.
-98	17:472-3	6800 ± 350			4850 B.C.
-99	17:470	>31,000			
-100	17:471	>32,000			
-101	17:471	>32,000			
-102	17:471	>36,000			
-104	17:472-3	10,600 ± 400			8650 B.C.
-112	18:486	>32,000			
-115	18:484	>30,000			
-121	18:485	>30,000			
-125	18:488	3010 ± 160			1060 B.C.
-126	18:484	16,720 ± 600			14,770 B.C.
-127	18:482	21,600 ± 1000			19,650 B.C.
-130	18:485	<200			
-132	18:482	17,200 ± 500			15,250 B.C.
-133	18:482	>32,000			
-134	18:482	15,700 ± 400			13,750 B.C.
-135	18:482	>33,000			
-136	18:485	6380 ± 350			4430 B.C.
-139	18:484	>38,000			
-140	18:483	12,650 ± 350			10,700 B.C.
-141	18:484	24,500 ± 800			22,550 B.C.
-142	18:487	21,500 ± 700			19,550 B.C.
-143	18:484	2800 ± 200			850 B.C.
-145	18:485	6170 ± 240			4220 B.C.
-147	18:482	>33,000			
-148	18:482	>32,000			
-149	18:486	3300 ± 240			1350 B.C.

Laboratory number	Published reference	Original date or other value	Corrected date or other value	$\delta C^{14}, \%$	A.D./B.C. date
-150	18:487	11,750 ± 600			9800 B.C.
-151	18:487	23,600 ± 800			21,650 B.C.
-152	18:482	>40,000			
-153	18:484	14,700 ± 400			12,750 B.C.
-154	18:487	580 ± 200			A.D. 1370
-155	18:487	600 ± 200			A.D. 1350
-157	18:485	>38,000			
-158	18:482	13,500 ± 250			11,550 B.C.
-159	18:482	11,800 ± 300			9850 B.C.
-160	18:482	3950 ± 250			2000 B.C.
-161	18:483	12,200 ± 350			10,250 B.C.
-162	18:482	27,600 ± 1000			25,650 B.C.
-164	18:482	21,300 ± 800			19,350 B.C.
-165	18:483	19,500 ± 800			17,550 B.C.
-166	18:482	8600 ± 300			6650 B.C.
-167	18:482	10,860 ± 350			8910 B.C.
-168	18:487	1450 ± 200			A.D. 500
-169	18:488	8500 ± 250			6550 B.C.
-170	18:482	4820 ± 200			2870 B.C.
-172	18:487	15,750 ± 800			13,800 B.C.
-173	18:486	>36,000			
-174	18:486	>38,000			
-175	18:486	700 ± 250			A.D. 1250
-176	18:485	5300 ± 300			3350 B.C.
-177	18:485	27,500 ± 1200			25,550 B.C.
-178	18:488	29,500 ± 1500			27,550 B.C.
-179	18:488	12,000 ± 400			10,050 B.C.
-180	18:488	>34,000			
-183	18:486	4020 ± 200			2070 B.C.
-184	18:482	8450 ± 250			6500 B.C.
-185	18:482	>30,000			
-186	18:483	≥ 31,000			
-187	18:484	19,200 ± 700			17,250 B.C.
-188	18:483	23,000 ± 800			21,050 B.C.
-189	18:485	>40,000			
-190	18:485	1100 ± 250			A.D. 850
-191	18:487	24,000 ± 1000			22,050 B.C.
-192	18:486	>35,000			
-194	18:486	>34,000			
-195	18:482	>35,000			
-196	21:173	>40,000			
-197	18:486	>38,000			
-198	18:483	14,300 ± 450			12,350 B.C.
-199	18:483	9640 ± 250			7690 B.C.
-200	18:485	1300 ± 250			A.D. 650
-201	19:445	2500 ± 250			550 B.C.
-223	19:446	9700 ± 600			7750 B.C.
-224	19:447	33,000 ± 3000 ^a			31,050 B.C.
-225	19:447	>32,000			
-226	19:447	34,000 ± 3000 ^a			32,050 B.C.
-227	19:443	<300			
-228	19:443	6050 ± 300			4100 B.C.
-229	19:443	9300 ± 350			7350 B.C.
-230	19:446	<200			
-231	19:443	12,550 ± 400			10,600 B.C.
-233	19:443	12,700 ± 300			10,750 B.C.
-234	19:443	9160 ± 250			7210 B.C.
-235	19:446	6800 ± 300			4850 B.C.
-236	19:443	3700 ± 200			1750 B.C.
-237	19:443	17,500 ± 500			15,550 B.C.
-238	19:443	36,000 or older			

Radiocarbon Measurements:

<i>Laboratory number</i>	<i>Published reference</i>	<i>Original date or other value</i>	<i>Corrected date or other value</i>	$\delta C^{14}, \text{‰}$	<i>A.D./ B.C. date</i>
-239	19:443	>38,000			
-241	19:445	>37,000	>38,000 c		
-242	19:445	>38,000			
-243	19:446	>38,000			
-244	19:443	>38,000			
-245	19:448	5280 ± 150			3330 B.C.
-246	19:443	>38,000			
-247	19:446	920 ± 150			A.D. 1030
-248	19:444	8550 ± 250			6600 B.C.
-250	19:445	>32,000			
-251	19:445	>32,000			
-252	19:443	>35,000			
-253	19:443	>35,000			
-254	19:446	6410 ± 160			4460 B.C.
-255	19:444	12,090 ± 200			10,140 B.C.
-256	19:444	>37,000			
-257	19:444	>37,000			
-258	19:444	>37,000			
-259	19:444	>37,000			
-261	19:447	12,450 ± 200			10,500 B.C.
-262	19:447	9500 ± 200			7550 B.C.
-263	19:444	>37,000			
-264	19:447	11,790 ± 200			9840 B.C.
-265	19:443	>25,000			
-266	19:447	10,100 ± 250			8150 B.C.
-267	19:447	8200 ± 200	8250 ± 200 c		6300 B.C.
-268	19:444	<200			
-269	19:447	8800 ± 200	8900 ± 200 c		6950 B.C.
-270	19:446	23,150 ± 500			21,200 B.C.
-271	19:447	11,750 ± 200			9800 B.C.
-272	19:446	5780 ± 160			3830 B.C.
-273	19:446	5450 ± 160			3500 B.C.
-275	19:447	13,400 ± 800			11,450 B.C.
-276	19:443	27,000 ± 1500			25,050 B.C.
-277	19:447	>25,000	>24,000 c		
-278	19:443	15,300 ± 300			13,350 B.C.
-279	19:447	24,000 ± 3000			22,050 B.C.
-280	19:443	2960 ± 200			1010 B.C.
-281	19:447	11,870 ± 200			9920 B.C.
-283	19:448	21,000 ± 500			19,050 B.C.
-284	19:448	3000 ± 200			1050 B.C.
-285	19:445	>35,000			
-287	19:446	<200			
-288	19:446	4885 ± 160			2935 B.C.
-289	19:446	1490 ± 160			A.D. 460
-290	19:446	1360 ± 200			A.D. 590
-291	19:447	3310 ± 200			1360 B.C.
-292	19:446	25,000 ± 800			23,050 B.C.
-294	19:444	>37,000			
-295	19:444	>38,000			
-297	19:445	4610 ± 200			2660 B.C.
-298	19:445	3970 ± 600			2020 B.C.
-299	19:445	2800 ± 180			850 B.C.
-300	20:1478	>37,000			
-301	20:1478	>37,000			
-302	20:1484	>38,000			
-303	20:1486	>38,000			
-304	20:1477	20,500 ± 800			18,550 B.C.
-305	20:1486	>38,000			
-306	20:1482	975 ± 160			A.D. 975
-307	20:1480	>37,000			

Laboratory number	Published reference	Original date or other value	Corrected date or other value	$\delta C^{14}, \text{‰}$	A.D./B.C. date
-308	20:1484	>34,000			
-310	20:1486	<200			
-311	20:1485	730 \pm 200			A.D. 1220
-312	20:1478	27,000 \pm 800	27,100 \pm 800 c		25,150 B.C.
-313	20:1476	650 \pm 60			A.D. 1300
-314	20:1476	840 \pm 60			A.D. 1110
-315	20:1483	>37,000			
-316	20:1484	5520 \pm 160			3570 B.C.
-317	20:1477	8340 \pm 250			6390 B.C.
-318	20:1480	1385 \pm 200			A.D. 565
-319	20:1484	16,680 \pm 300			14,730 B.C.
-321	20:1484	16,850 \pm 300			14,900 B.C.
-322	20:1486	3230 \pm 160			1280 B.C.
-323	20:1483	26,480 \pm 800			24,530 B.C.
-325	20:1477	9755 \pm 300			7805 B.C.
-326	20:1484	9925 \pm 300			7975 B.C.
-327	20:1476	16,955 \pm 400			15,005 B.C.
-328	20:1477	390 \pm 160			A.D. 1560
-329	20:1477	<200			
-330	20:1476	1675 \pm 200			A.D. 275
-331	20:1477	18,000 \pm 400			16,050 B.C.
-333	20:1478	25,700 \pm 800			23,750 B.C.
-334	20:1478	22,450 \pm 1000			20,500 B.C.
-335	20:1484	8330 \pm 300			6380 B.C.
-336	20:1483	9870 \pm 250			7920 B.C.
-337	20:1486	1710 \pm 160			A.D. 240
-339	20:1479	>38,000			
-340	20:1484	26,700 \pm 2000			24,750 B.C.
-341	20:1484	23,000 \pm 1400			21,050 B.C.
-342	20:1486	1610 \pm 160			A.D. 340
-343	20:1484	29,500 \pm 2000			27,550 B.C.
-344	20:1483	>38,000			
-345	20:1483	9130 \pm 250			7180 B.C.
-346	20:1477	13,000 \pm 300			11,050 B.C.
-347	20:1477	9430 \pm 300			7480 B.C.
-349	20:1478	20,340 \pm 750			18,390 B.C.
-350	20:1485	+5.4%	105.4% of modern		
-351	20:1476	635 \pm 60			A.D. 1315
-352	20:1476	630 \pm 60			A.D. 1320
-353	20:1483	8250 \pm 200			6300 B.C.
-354	20:1478	12,030 \pm 200			10,080 B.C.
-356	20:1477	22,480 \pm 800			20,530 B.C.
-357	20:1483	>35,000			
-358	20:1485	>32,000			
-359	20:1486	<200			
-360	20:1483	11,930 \pm 250			9980 B.C.
-361	20:1477	10,800 \pm 250			8850 B.C.
-362	20:1485	>33,000			
-363	20:1484	4320 \pm 250			2370 B.C.
-365	20:1477	14,000 \pm 350			12,050 B.C.
-367	20:1483	9200 \pm 250			7250 B.C.
-368	20:1480	>33,000			
-369	20:1482	1050 \pm 160			A.D. 900
-370	20:1477	3400 \pm 250			1450 B.C.
-371	20:1482	390 \pm 160			A.D. 1560
-372	20:1486	3950 \pm 200			2000 B.C.
-373	20:1481	>35,000			
-374	20:1482	1200 \pm 160			A.D. 750
-376	20:1482	390 \pm 160			A.D. 1550
-377	20:1482	>35,000			
-378	20:1482	2500 \pm 200			550 B.C.

Laboratory number	Published reference	Original date or other value	Corrected date or other value	$\delta C^{14}, \text{‰}$	A.D./B.C. date
-379	20:1478	24,700 ± 1000			22,750 B.C.
-380	20:1481	> 38,000			
-381	20:1478	15,600 ± 600			13,650 B.C.
-382	20:1484	12,960 ± 350			11,010 B.C.
-383	20:1476	21,300 ± 1000			19,350 B.C.
-384	20:1476	19,300 ± 1000			17,350 B.C.
-385	20:1484	7720 ± 300			5770 B.C.
-386	20:1484	9730 ± 350			7780 B.C.
-388	20:1478	9930 ± 280			7980 B.C.
-389	20:1478	12,700 ± 250			10,750 B.C.
-390	20:1477	1730 ± 160			A.D. 220
-391	20:1479	> 38,000			
-392	20:1479	9580 ± 250			7630 B.C.
-393	20:1479	8800 ± 250			6850 B.C.
-394	20:1479	11,500 ± 300			9550 B.C.
-395	20:1476	200 ± 160			A.D. 1750
-396	20:1476	2980 ± 180			1030 B.C.
-397	20:1479	9230 ± 320			7280 B.C.
-398	20:1479	12,900 ± 330			10,950 B.C.
-399	20:1478	20,700 ± 650			18,750 B.C.
-401	20:1485	10,200 ± 350			8250 B.C.
-402	20:1478	11,220 ± 300			9270 B.C.
-405	20:1482	3250 ± 200			1300 B.C.
-406	20:1478	26,150 ± 700			24,200 B.C.
-407	20:1486	< 200			
-408	20:1483	4760 ± 220			2810 B.C.
-409	20:1484	11,300 ± 300			9350 B.C.
-410	20:1484	> 32,000			
-411	20:1484	14,000 ± 450			12,050 B.C.
-412	20:1484	14,000 ± 450			12,050 B.C.
-414	20:1477	22,000 ± 1000			20,050 B.C.
-415	20:1477	> 37,000			
-416	20:1479	12,900 ± 300			10,950 B.C.
-417	20:1486	> 38,000	> 35,000 c		
-418	20:1484	9400 ± 250			7450 B.C.
-419	20:1486	1100 ± 160			A.D. 850
-420	20:1480	> 38,000			
-421	20:1485	470 ± 160			A.D. 1480
-422	20:1486	2080 ± 160			130 B.C.
-423	20:1486	> 38,000			
-424	20:1486	< 200			
-425	20:1478	5370 ± 200			3420 B.C.
-426	20:1478	10,700 ± 300			8750 B.C.
-428	20:1484	4030 ± 160			2080 B.C.
-429	20:1482	11,400 ± 400			9450 B.C.
-430	20:1477	12,920 ± 400			10,970 B.C.
-431	20:1481	8000 ± 300			6050 B.C.
-432	20:1481	3540 ± 300			1590 B.C.
-433	20:1481	480 ± 160			A.D. 1470
-434	20:1479	6040 ± 240			4090 B.C.
-435	20:1479	23,900 ± 1000			21,950 B.C.
-436	20:1485	2240 ± 250			290 B.C.
-437	20:1486	2800 ± 160			850 B.C.
-439	20:1484	11,420 ± 300			9470 B.C.
-440	20:1484	10,260 ± 300			8310 B.C.
-442	20:1484	12,050 ± 400			10,100 B.C.
-443	20:1477	3710 ± 250			1760 B.C.
-444	20:1483	> 32,000			
-445	20:1478	10,200 ± 300			8250 B.C.
-446	20:1476	17,000 ± 800			15,050 B.C.
-447	20:1476	2490 ± 400			540 B.C.

Laboratory number	Published reference	Original date or other value	Corrected date or other value	$\delta C^{14}, \%$	A.D./B.C. date
-448	20:1476	450 ± 200			A.D. 1500
-449	20:1476	12,400 ± 600			10,450 B.C.
-450	20:1476	15,600 ± 800			13,650 B.C.
-451	20:1476	15,440 ± 800			13,490 B.C.
-452	20:1476	16,730 ± 850			14,780 B.C.
-453	20:1476	1025 ± 400			A.D. 925
-454	20:1478	11,790 ± 200			9840 B.C.
-455	20:1484	14,030 ± 500			12,080 B.C.
-456	20:1484	11,650 ± 450			9700 B.C.
-458	20:1484	14,380 ± 500			12,430 B.C.
-459	20:1485	7570 ± 400			5620 B.C.
-461	20:1480	10,050 ± 270			8100 B.C.
-462	20:1483	5120 ± 220			3170 B.C.
-463	20:1480	13,040 ± 300			11,090 B.C.
-465	20:1478	4890 ± 200			2940 B.C.
-466	20:1478	11,830 ± 200			9880 B.C.
-467	20:1478	<200			
-468	20:1478	>36,000			
-469	20:1478	17,150 ± 600			15,200 B.C.
-470	20:1478	17,800 ± 600			15,850 B.C.
-472	20:1479	8140 ± 300			6190 B.C.
-473	20:1480	2470 ± 250			520 B.C.
-474	20:1479	10,370 ± 350			8420 B.C.
-475	20:1479	>35,000			
-476	20:1479	>35,000			
-477	20:1486	2000 ± 250			50 B.C.
-478	20:1486	2070 ± 250			120 B.C.
-479	20:1486	4050 ± 200			2100 B.C.
-480	20:1486	3950 ± 200			2000 B.C.
-482	20:1486	8065 ± 400			6115 B.C.
-483	20:1478	20,500 ± 600			18,550 B.C.
-484	20:1480	2770 ± 300			820 B.C.
-485	20:1480	9690 ± 400			7740 B.C.
-486	20:1486	6120 ± 300			4170 B.C.
-487	20:1482	9240 ± 300			7290 B.C.
-488	20:1486	8540 ± 350			6590 B.C.
-490	20:1484	16,530 ± 800			14,580 B.C.
-491	20:1484	13,380 ± 400			11,430 B.C.
-493	20:1486	7940 ± 300			5990 B.C.
-494	20:1484	18,000 ± 1000			16,050 B.C.
-495	20:1485	12,900 ± 350			10,950 B.C.
-497	20:1478	1900 ± 250			A.D. 50
-498	20:1485	11,850 ± 350			9900 B.C.
-499	20:1485	12,270 ± 450			10,320 B.C.
-500	21:148	>35,000			
-501	21:148	>35,000			
-502	21:148	11,710 ± 325			9760 B.C.
-503	21:145	>29,000			
-504	21:133	>35,000			
-506	21:134	1400 ± 250			A.D. 550
-507	21:134	12,000 ± 300			10,050 B.C.
-508	21:129	2810 ± 200			860 B.C.
-509	21:130	1280 ± 200			A.D. 670
-510	21:130	3250 ± 200			1300 B.C.
-512	21:143	14,470 ± 400			12,520 B.C.
-513	21:143	13,820 ± 400			11,870 B.C.
-514	21:143	>35,000			
-516	21:146	>35,000			
-517	21:143	13,910 ± 400			11,950 B.C.
-518	21:129	>35,000			
-519	21:129	>35,000			

Laboratory number	Published reference	Original date or other value	Corrected date or other value	$\delta C^{14}, \text{‰}$	A.D./B.C. date
-520	21:147	18,530 ± 500			16,580 B.C.
-521	21:147	<200			
-522	21:130	>35,000			
-523	21:174	<200			
-524	21:136	18,460 ± 500			16,510 B.C.
-525	21:176	10,800 ± 300			8850 B.C.
-526	21:136	29,000 ± 1200			27,050 B.C.
-528	21:176	11,150 ± 200			9200 B.C.
-529	21:162	>35,000			
-531	21:170	>38,000			
-532	21:176	<200			
-534	21:145	>34,000			
-535	21:164	>38,000			
-536	21:165	9300 ± 250			7350 B.C.
-537	21:177	520 ± 200			A.D. 1430
-538	21:161	13,050 ± 400			11,100 B.C.
-540	21:165	11,600 ± 300			9650 B.C.
-541	21:165	620 ± 200			A.D. 1330
-542	21:152	11,480 ± 300			9530 B.C.
-543	21:180	2720 ± 220			770 B.C.
-544	21:130	21,200 ± 1000			19,250 B.C.
-545	21:180	3680 ± 250			1730 B.C.
-546	21:174	3200 ± 200			1250 B.C.
-547	21:174	<200			
-548	21:144	11,660 ± 250			9710 B.C.
-549	21:143	8170 ± 200			6220 B.C.
-551	21:143	6570 ± 200			4620 B.C.
-552	21:144	11,790 ± 250			9840 B.C.
-553	21:144	8110 ± 200			6160 B.C.
-554	21:143	6580 ± 200	6580 ± 250 c		4630 B.C.
-555	21:177	5370 ± 200			3420 B.C.
-556	21:147	9040 ± 300			7090 B.C.
-557	21:144	10,050 ± 250			8100 B.C.
-558	21:162	>35,000			
-559	21:169	830 ± 160			A.D. 1120
-560	21:148	11,540 ± 200			9590 B.C.
-562	21:148	4360 ± 160			2410 B.C.
-563	21:134	>35,000			
-564	21:163	4700 ± 250			2750 B.C.
-565	21:163	530 ± 200			A.D. 1420
-566	21:163	2170 ± 200			220 B.C.
-568	21:165	9000 ± 400			7050 B.C.
-569	21:166	2030 ± 400			80 B.C.
-570	21:130	2130 ± 200			180 B.C.
-571	21:133	2880 ± 200			930 B.C.
-573	21:168	3620 ± 250			1670 B.C.
-574	21:148	10,620 ± 400			8670 B.C.
-577	21:139	20,500 ± 800			18,550 B.C.
-578	21:139	>37,000			
-579	21:140	20,800 ± 800			18,850 B.C.
-580	21:140	20,900 ± 800			18,950 B.C.
-581	21:155	10,540 ± 350			8590 B.C.
-582	21:131	1640 ± 240			A.D. 310
-583	21:168	13,280 ± 400			11,330 B.C.
-584	21:131	2040 ± 240			90 B.C.
-586	21:131	5500 ± 300			3550 B.C.
-587	21:131	<200			
-588	21:178	8500 ± 500			6550 B.C.
-589	21:130	<200			
-590	21:153	11,140 ± 300			9190 B.C.
-591	21:146	>37,000			

Laboratory number	Published reference	Original date or other value	Corrected date or other value	$\delta C^{14}, \text{‰}$	A.D./ B.C. date
-592	21:171	850 ± 200			A.D. 1100
-593	21:170	1900 ± 200			A.D. 50
-594	21:158	8800 ± 300			6850 B.C.
-595	21:140	22,300 ± 800			20,350 B.C.
-597	21:140	20,300 ± 800			18,350 B.C.
-598	21:140	20,100 ± 800			18,150 B.C.
-599	21:146	> 37,000			
-600	21:146	> 37,000			
-601	21:161	< 250			
-602	21:169	8420 ± 300			6470 B.C.
-603	21:169	8640 ± 280			6690 B.C.
-607	21:182	9040 ± 250			7090 B.C.
-608	21:182	7750 ± 250			5800 B.C.
-609	21:182	3030 ± 200			1080 B.C.
-610	21:134	> 38,000			
-611	21:135	> 38,000			
-612	21:134	> 38,000			
-613	21:134	> 38,000			
-614	21:151	2800 ± 200			850 B.C.
-616	21:156	1050 ± 250			A.D. 900
-617	21:183	7950 ± 250			6000 B.C.
-618	21:151	22,200 ± 1000			20,250 B.C.
-619	21:177	3840 ± 300			1890 B.C.
-620	21:177	2700 ± 250			750 B.C.
-621	21:154	3100 ± 250			1150 B.C.
-622	21:155	1040 ± 250			A.D. 910
-623	21:183	7570 ± 250			5620 B.C.
-625	21:144	13,030 ± 250			11,080 B.C.
-626	21:144	12,970 ± 250			11,020 B.C.
-627	21:183	6550 ± 200			4600 B.C.
-628	21:160	> 38,000			
-629	21:155	700 ± 200			A.D. 1250
-630	21:181	4050 ± 200			2100 B.C.
-631	21:181	4450 ± 200			2500 B.C.
-632	21:181	4190 ± 200			2240 B.C.
-634	21:148	> 32,000			
-635	21:149	12,090 ± 300			10,140 B.C.
-636	21:180	8280 ± 1000			6330 B.C.
-637	21:131	190 ± 150			A.D. 1760
-638	21:153	31,800 ± 1200			29,850 B.C.
-639	21:131	500 ± 150			A.D. 1450
-640	21:143	> 36,000			
-641	21:153	12,000 ± 500			10,050 B.C.
-642	21:137	26,200 ± 800			24,250 B.C.
-643	21:178	> 38,000			
-644	21:169	> 40,000			
-645	21:141	19,940 ± 300			17,990 B.C.
-646	21:161	> 38,000			
-647	21:131	> 38,000			
-648	21:152	21,600 ± 400			19,650 B.C.
-650	21:184	33,300 ± 1000			31,350 B.C.
-651	21:182	8830 ± 200			6880 B.C.
-652	21:182	7950 ± 200			6000 B.C.
-654	21:184	28,700 ± 700			26,750 B.C.
-655	21:184	1380 ± 300			A.D. 570
-656	21:184	3420 ± 200			1470 B.C.
-657	21:182	11,240 ± 300			9290 B.C.
-658	21:175	3760 ± 160			1810 B.C.
-659	21:175	3480 ± 160			1530 B.C.
-660	21:183	7040 ± 200			5090 B.C.
-661	21:161	< 250			

Radiocarbon Measurements:

Laboratory number	Published reference	Original date or other value	Corrected date or other value	$\delta C^{14}, \text{‰}$	A.D./B.C. date
-662	21:183	<200			
-663	21:141	23,300 ± 600			21,350 B.C.
-665	21:182	11,200 ± 200			9250 B.C.
-666	21:141	4040 ± 250			2090 B.C.
-667	21:183	10,600 ± 300			8650 B.C.
-668	21:141	21,400 ± 650			19,450 B.C.
-669	21:141	>36,000			
-670	21:154	12,200 ± 400			10,250 B.C.
-671	21:163	>38,000			
-672	21:163	>38,000			
-674	21:166	2000 ± 200			50 B.C.
-675	21:132	770 ± 100			A.D. 1180
-676	21:132	5480 ± 120			3530 B.C.
-677	21:132	400 ± 100			A.D. 1550
-678	21:132	1880 ± 100			A.D. 70
-680	21:142	640 ± 200			A.D. 1310
-681	21:184	10,800 ± 300	10,870 ± 300 c		8920 B.C.
-693	21:147	9500 ± 600			7550 B.C.
-695	21:132	7630 ± 200			5680 B.C.
-696	21:132	9650 ± 250			7700 B.C.
-697	21:132	9870 ± 250			7920 B.C.
-698	21:154	11,550 ± 300			9600 B.C.
-699	21:145	1800 ± 200			A.D. 150
-700	21:145	11,120 ± 440			9170 B.C.
-701	21:145	<250			
-702	21:145	2020 ± 200			70 B.C.
-703	21:159	320 ± 160			A.D. 1630
-704	21:157	32,500 ± 1000			30,550 B.C.
-705	21:176	7580 ± 250			5630 B.C.
-706	21:164	1950 ± 200			A.D. 0
-707	21:181	1450 ± 200			A.D. 500
-708	21:179	1.253 ³			
-710	21:132	12,700 ± 300			10,750 B.C.
-712	21:147	>38,000			
-714	21:171	9400 ± 300			7450 B.C.
-715	21:168	4200 ± 200			2250 B.C.
-716	21:135	5310 ± 240			3360 B.C.
-717	21:166	6910 ± 250			4960 B.C.
-719	21:132	>38,000			
-720	21:135	9800 ± 300			7850 B.C.
-721	21:135	<200			
-722	21:135	<200			
-723	21:152	10,960 ± 300			9010 B.C.
-724	21:152	19,100 ± 300			17,150 B.C.
-725	21:137	4030 ± 150			2080 B.C.
-726	21:133	6190 ± 200			4240 B.C.
-727	21:156	1440 ± 150			A.D. 510
-729	21:137	35,200 ± 1000			33,250 B.C.
-730	21:137	17,100 ± 360			15,150 B.C.
-731	21:158	29,700 ± 1000			27,750 B.C.
-732	21:173	>35,000			
-733	21:174	6820 ± 200			4870 B.C.
-734	21:156	4830 ± 200			2880 B.C.
-735	21:133	14,250 ± 250			12,300 B.C.
-736	21:173	7740 ± 200			5790 B.C.
-737	21:130	11,800 ± 240			9850 B.C.
-738	21:152	18,750 ± 300			16,800 B.C.
-739	21:180	3470 ± 120			1520 B.C.
-741	21:180	2980 ± 120			1030 B.C.
-743	21:180	3140 ± 120			1190 B.C.
-744	21:156	10,690 ± 300			8740 B.C.

Laboratory number	Published reference	Original date or other value	Corrected date or other value	δC^{14} , ‰	A.D./B.C. date
-745	21:138	23,500 ± 400			21,550 B.C.
-746	21:164	>34,000			
-747	21:154	29,000 ± 1000			27,050 B.C.
-748	21:169	13,500 ± 400			11,550 B.C.
-749	21:175	480 ± 200			A.D. 1470
-750	21:151	9000 ± 250			7050 B.C.
-752	21:151	10,500 ± 250			8550 B.C.
-753	21:173	5650 ± 200			3700 B.C.
-754	21:151	420 ± 160			A.D. 1530
-755	21:150	8400 ± 250			6450 B.C.
-756	21:173	4250 ± 250			2300 B.C.
-757	21:177	>38,000			
-758	21:155	1320 ± 200			A.D. 630
-759	21:155	510 ± 160			A.D. 1440
-760	21:178	990 ± 180			A.D. 960
-762	21:154	12,220 ± 250			10,270 B.C.
-763	21:178	3270 ± 200			1320 B.C.
-764	21:178	<200			
-765	21:158	7870 ± 200			5920 B.C.
-766	21:170	<200			
-767	21:168	10,250 ± 250			8300 B.C.
-768	21:176	2520 ± 200			570 B.C.
-769	21:176	8100 ± 250			6150 B.C.
770	21:176	4580 ± 220			2630 B.C.
-771	21:149	9800 ± 250			7850 B.C.
-773	21:153	>35,000			
-774	21:158	3060 ± 200			1110 B.C.
-775	21:158	7280 ± 400			5330 B.C.
-776	21:164	6600 ± 400			4650 B.C.
-777	21:164	6630 ± 400			4680 B.C.
-779	21:164	5950 ± 400			4000 B.C.
-780	21:176	2050 ± 200			100 B.C.
-781	21:179	4740 ± 160			2790 B.C.
-782	21:179	7210 ± 220			5260 B.C.
-783	21:179	2950 ± 200			1000 B.C.
-785	21:179	2700 ± 200			750 B.C.
-786	21:160	11,900 ± 300			9950 B.C.
-787	21:159	2200 ± 250			250 B.C.
-788	21:159	28,000 ± 1500			26,050 B.C.
-789	21:159	>32,000			
-790	21:159	17,800 ± 450			15,850 B.C.
-791	21:159	>29,000			
-792	21:160	11,730 ± 300			9780 B.C.
-793	21:156	1040 ± 200			A.D. 910
-794	21:156	6600 ± 250			4650 B.C.
-796	21:160	20,300 ± 800			18,350 B.C.
-797	21:160	>30,000			
-798	21:179	1960 ± 160			10 B.C.
-799	21:145	1100 ± 170			9150 B.C.
-800	21:165	6060 ± 200			4110 B.C.
-801	21:153	12,200 ± 400			10,250 B.C.
-802	21:157	1800 ± 160			A.D. 150
-803	21:159	>30,000 ^t			
-804	21:159	25,000 ± 700 ^f			23,050 B.C.
-806	21:173	8720 ± 300			6770 B.C.
-807	21:161	18,500 ± 600			16,550 B.C.
-808	21:162	29,000 ± 1000			27,050 B.C.
-809	21:173	8000 ± 300			6050 B.C.
-810	21:174	>38,000			
-811	21:164	2030 ± 240			80 B.C.
-812	21:156	<200			

Radiocarbon Measurements:

Laboratory number	Published reference	Original date or other value	Corrected date or other value	$\delta C^{14}, \text{‰}$	A.D./B.C. date
-813	21:135	8520 ± 300			6570 B.C.
-814	21:142	>38,000			
-815	21:177	3780 ± 300			1830 B.C.
-816	21:177	6100 ± 300			4150 B.C.
-817	21:136	>38,000			
-819	21:160	2620 ± 200			670 B.C.
-820	21:154	10,420 ± 300			8470 B.C.
-822	21:157	700 ± 200			A.D. 1250
-823	21:138	4840 ± 300			2890 B.C.
-824	21:149	12,650 ± 350			10,700 B.C.
-825	21:149	9300 ± 350			7350 B.C.
-826	21:138	>40,000			
-827	21:149	11,330 ± 350			9380 B.C.
-828	21:129	12,200 ± 350			10,250 B.C.
-830	21:166	2230 ± 250			280 B.C.
-831	21:167	>33,000			
-832	21:142	7030 ± 260			5080 B.C.
-833	21:181	2150 ± 240			200 B.C.
-834	21:181	2200 ± 240			250 B.C.
-835	21:181	760 ± 500			A.D. 1190
-836	21:181	2150 ± 240			200 B.C.
-837	21:181	2080 ± 240			130 B.C.
-838	21:169	1530 ± 200			A.D. 420
-839	21:170	1060 ± 200			A.D. 890
-841	21:167	5270 ± 240			3320 B.C.
-842	21:168	>38,000			
-843	21:171	31,300 ± 1000			29,350 B.C.
-844	21:167	6330 ± 240			4380 B.C.
-846	21:167	<200			
-847	21:170	9100 ± 260			7150 B.C.
-848	21:172	11,390 ± 300			9440 B.C.
-849	21:138	23,700 ± 550			21,750 B.C.
-851	21:175	660 ± 300			A.D. 1290
-853	21:139	25,500 ± 600			23,550 B.C.
-854	21:170	<200			
-855	21:158	27,500 ± 1000			25,550 B.C.
-856	21:157	3740 ± 250			1790 B.C.
-858	21:161	6640 ± 250			4690 B.C.
-859	21:173	5940 ± 250			3990 B.C.
-860	21:175	6200 ± 320			4250 B.C.
-861	21:135	12,660 ± 400			10,710 B.C.
-862	21:175	6750 ± 320			4800 B.C.
-864	21:162	12,500 ± 300			10,550 B.C.
-866	21:136	>38,000			
-867	21:139	22,200 ± 450			20,250 B.C.
-868	21:137	27,500 ± 900			25,550 B.C.
-869	21:139	37,000 ± 1500			35,050 B.C.
-870	21:138	20,300 ± 400			18,350 B.C.
-871	21:139	26,800 ± 700			24,850 B.C.
-872	21:150	2520 ± 200			570 B.C.
-873	21:150	10,550 ± 300			8600 B.C.
-875	21:162	40,000 ± 2000			38,050 B.C.
-876	21:162	20,600 ± 500			18,650 B.C.
-877	21:136	10,500 ± 210			8550 B.C.
-879	21:145	19,050 ± 300			17,100 B.C.
-880	21:145	37,600 ± 1500			35,650 B.C.
-881	21:145	14,300 ± 250			12,350 B.C.
-882	22:87	11,600 ± 200			9650 B.C.
-883	22:86	12,080 ± 300			10,130 B.C.
-885	22:93	>38,000			
-886	22:93	>38,000			

Laboratory number	Published reference	Original date or other value	Corrected date or other value	$\delta^{14}\text{C}$, ‰	A.D./B.C. date
-887	22:96	>33,000			
-888	22:96	>33,000			
-889	22:96	24,630 ± 500			22,680 B.C.
-891	22:93	2520 ± 200			570 B.C.
-892	22:89	12,390 ± 400			10,440 B.C.
-894	22:96	22,500 ± 500			20,550 B.C.
-896	22:93	4100 ± 200			2150 B.C.
-897	22:96	20,760 ± 500			18,810 B.C.
-898	22:90	33,700 ± 1000			31,750 B.C.
-899	22:90	13,900 ± 400			11,950 B.C.
-900	22:88	10,080 ± 280			8130 B.C.
-901	22:89	30,800 ± 1000			28,850 B.C.
-902	22:90	7460 ± 250			5510 B.C.
-903	22:89	29,000 ± 900			27,050 B.C.
-904	22:95	20,400 ± 500			18,450 B.C.
-905	22:94	17,360 ± 650			15,410 B.C.
-907	22:94	10,140 ± 300			8190 B.C.
-908	22:88	<250			
-909	22:94	1910 ± 250			A.D. 40
-910	22:86	>38,000			
-911	22:94	5290 ± 250			3340 B.C.
-912	22:95	9130 ± 260			7180 B.C.
-913	22:94	8170 ± 300			6220 B.C.
-914	22:92	11,330 ± 320			9380 B.C.
-915	22:96	10,720 ± 300			8770 B.C.
-916	22:97	4410 ± 250			2460 B.C.
-917	22:87	>40,000			
-918	22:91	600 ± 250			A.D. 1350
-919	22:88	10,850 ± 300			8900 B.C.
-921	22:91	>40,000			
-922	22:91	1640 ± 250			A.D. 310
-925	22:92	350 ± 250			A.D. 1600
-926	22:92	350 ± 250			A.D. 1600
-929	124:54	>42,000			
-930	124:59	2550 ± 200			600 B.C.
-932	124:52	>38,000			
-933	124:50	220 ± 200			A.D. 1730
-934	124:50	200 ± 200			A.D. 1750
-935	124:50	320 ± 200			A.D. 1630
-936	124:50	200 ± 200			A.D. 1750
-937	124:67	200 ± 200			A.D. 1750
-939	124:49	24,000 ± 2000			22,050 B.C.
-940	124:56	11,640 ± 275			9690 B.C.
-941	124:55	20,300 ± 500			18,350 B.C.
-942	124:50	11,800 ± 1000			9850 B.C.
-943	124:55	12,780 ± 350			10,830 B.C.
-944	178:375	12,740 ± 300			10,790 B.C.
-945	124:37	5900 ± 200			3950 B.C.
-947	124:39	11,950 ± 350			10,000 B.C.
-948	124:69	15,400 ± 400			13,450 B.C.
-949	124:69	>38,000			
-950	124:59	>38,000			
-951	178:387	8750 ± 280			6800 B.C.
-953	124:73	21,500 ± 1500			19,550 B.C.
-954	124:46	9870 ± 290			7920 B.C.
-955	124:73	6300 ± 1000			4350 B.C.
-956	124:46	11,070 ± 300			9120 B.C.
-957	124:47	>38,000			
-958	124:72	6720 ± 300			4770 B.C.
-959	124:72	7680 ± 300			5730 B.C.
-960	124:72	7240 ± 300			5290 B.C.

Radiocarbon Measurements:

Laboratory number	Published reference	Original date or other value	Corrected date or other value	$\delta C^{14}, \text{‰}$	A.D./B.C. date
-961	124:38	10,600 ± 500			8650 B.C.
-962	124:44	1780 ± 250			A.D. 170
-963	124:44	4130 ± 250			2180 B.C.
-964	124:43	10,230 ± 280			8280 B.C.
-965	124:43	9600 ± 280			7650 B.C.
-967	124:61	4960 ± 300			3010 B.C.
-968	124:66	5160 ± 300			3210 B.C.
-969	124:67	> 38,000			
-970	124:40	2420 ± 250			470 B.C.
-971	124:40	2800 ± 250			850 B.C.
-973	124:40	3660 ± 250			1710 B.C.
-974	124:46	11,650 ± 310			9700 B.C.
-975	124:67	9720 ± 320			7770 B.C.
-976	124:66	> 42,000			
-977	124:62	> 40,000			
-978 ^a	124:61	2000 ± 250			50 B.C.
-978 ^b	124:69	2000 ± 250			50 B.C.
-979	124:66	5380 ± 260			3430 B.C.
-980 ^a	124:64	10,230 ± 300			8280 B.C.
-980 ^b	124:68	10,230 ± 300			8280 B.C.
-981	124:51	5070 ± 250			3120 B.C.
-982	124:54	18,900 ± 500			16,950 B.C.
-983	124:48	10,350 ± 350			8400 B.C.
-984	124:57	12,090 ± 350			10,140 B.C.
-985	124:65	6960 ± 290			5010 B.C.
-987	124:48	12,530 ± 350			10,580 B.C.
-988	124:40	1700 ± 300			A.D. 250
-989	124:52	< 200			
-990	124:46	> 38,000			
-991	124:41	12,170 ± 300			10,220 B.C.
-992	124:39	> 38,000			
-993	124:45	9900 ± 400			7950 B.C.
-995	124:59	10,230 ± 600			8280 B.C.
-996	124:56	11,660 ± 350			9710 B.C.
-997	124:58	> 38,000			
-998	124:59	20,800 ± 1200			18,850 B.C.
-999	124:45	> 38,000			
-1000	124:59	8600 ± 300			6650 B.C.
-1002	124:70	> 38,000			
-1005	124:47	10,050 ± 300			8100 B.C.
-1008	124:70	> 38,000			
-1009	124:72	> 38,000			
-1010	124:72	> 35,000			
-1011	124:38	12,800 ± 450			10,850 B.C.
-1016	124:74	4800 ± 300			2850 B.C.
-1017	124:48	6340 ± 300			4390 B.C.
-1018	124:52	900 ± 250			A.D. 1050
-1019	124:46	9000 ± 300			7050 B.C.
-1020	124:47	> 38,000			
-1021	124:45	> 38,000			
-1023	124:70	> 35,000			
-1028	124:44	> 38,000			
-1029	124:57	> 38,000			
-1030	124:57	4700 ± 300			2750 B.C.
-1031	124:47	5950 ± 300			4000 B.C.
-1033	124:48	10,060 ± 300			8110 B.C.
-1034	124:50	> 35,000			
-1035	124:73	8500 ± 600			6550 B.C.
-1036	124:73	3300 ± 300			1350 B.C.
-1037	124:55	11,600 ± 400			9650 B.C.
-1038	124:41	10,450 ± 400			8500 B.C.

Laboratory number	Published reference	Original date or other value	Corrected date or other value	$\delta C^{14}, \text{‰}$	A.D./B.C. date
-1039	124:47	2600 ± 300			650 B.C.
-1040	124:43	9140 ± 400			7190 B.C.
-1041	124:42	1550 ± 300			A.D. 400
-1042	124:42	2100 ± 300			150 B.C.
-1044	124:42	<200			
-1045	124:45	28,700 ± 800			26,750 B.C.
-1046	124:72	4030 ± 350			2080 B.C.
-1047	124:72	600 ± 250			A.D. 1350
-1048	124:43	<200			
-1050	178:384	13,350 ± 400			11,400 B.C.
-1051	178:385	13,200 ± 400			11,250 B.C.
-1052	178:385	12,700 ± 400			10,750 B.C.
-1053	124:43	<200			
-1054	124:42	>37,000			
-1055	124:43	17,950 ± 550			16,000 B.C.
-1057	124:44	9200 ± 600			7250 B.C.
-1058	124:45	11,250 ± 400			9300 B.C.
-1059	124:44	11,500 ± 600			9550 B.C.
-1060	124:60	9500 ± 400			7550 B.C.
-1061	178:388	1520 ± 300			A.D. 430
-1063	124:70	6035 ± 300			4085 B.C.
-1064	124:39	<250			
-1065	124:39	<250			
-1066	124:71	4200 ± 320			2250 B.C.
-1067	124:71	6100 ± 1000			4150 B.C.
-1069	124:49	1380 ± 250			A.D. 570
-1070	124:60	11,940 ± 500			9990 B.C.
-1071	178:389	15,300 ± 500			13,350 B.C.
-1072	124:70	6650 ± 600			4700 B.C.
-1073	124:71	4970 ± 260			3020 B.C.
-1075	124:66	440 ± 250			A.D. 1510
-1076	124:71	6880 ± 300			4930 B.C.
-1078	178:389	13,980 ± 700			12,030 B.C.
-1082	124:38	2850 ± 260			900 B.C.
-1083	124:71	7060 ± 300			5110 B.C.
-1084	124:71	5980 ± 300			4030 B.C.
-1086	124:68	3510 ± 250			1560 B.C.
-1088	124:71	1200 ± 300			A.D. 750
-1089	124:61	4170 ± 250			2220 B.C.
-1090	124:71	7730 ± 400			5780 B.C.
-1091	124:58	20,350 ± 600			18,400 B.C.
-1092	124:40	3400 ± 300			1450 B.C.
-1093	124:40	4860 ± 350			2910 B.C.
-1094	124:40	1040 ± 300			A.D. 910
-1095	124:40	1850 ± 300			A.D. 100
-1096	124:40	2240 ± 300			290 B.C.
-1098	124:40	3060 ± 300			1110 B.C.
-1099	124:40	3170 ± 300			1220 B.C.
-1100	124:74	-312 ± 75‰		-312 ± 75	3000 ± 600
-1101	124:74	-75‰		-75	<600
-1103	124:56	>38,000			
-1106	124:67	<200			
-1108	124:67	6730 ± 260			4780 B.C.
-1109	124:41	10,560 ± 350			8610 B.C.
-1110	124:48	11,640 ± 350			9690 B.C.
-1111	124:67	<200			
-1112	124:55	5020 ± 260			3070 B.C.
-1113	124:67	>38,000			
-1114	124:57	2660 ± 250			710 B.C.
-1115	124:59	3500 ± 250			1550 B.C.
-1116	124:57	4000 ± 250			2050 B.C.

<i>Laboratory number</i>	<i>Published reference</i>	<i>Original date or other value</i>	<i>Corrected date or other value</i>	$\delta C^{14}, \text{‰}$	<i>A.D./B.C. date</i>
-1118	124:56	2980 ± 250			1030 B.C.
-1119	124:57	320 ± 200			A.D. 1630
-1120	124:56	290 ± 200			A.D. 1660
-1121	124:54	33,000 ± 1600			31,050 B.C.
-1125	124:53	27,000 ± 900			25,050 B.C.
-1128	124:53	34,000 ± 1600			32,050 B.C.
-1129	124:51	4150 ± 300			2200 B.C.
-1132	124:37	>38,000			
-1133	124:52	1500 ± 250			A.D. 450
-1134	124:65	17,600 ± 400			15,650 B.C.
-1135	124:55	4900 ± 300			2950 B.C.
-1136 ^r	124:52	7830 ± 350			5880 B.C.
-1138	124:49	6070 ± 320			4120 B.C.
-1139	124:49	6040 ± 350			4090 B.C.
-1141	124:44	11,560 ± 400			9610 B.C.
-1144	124:42	>38,000			
-1150	124:44	9500 ± 350			7550 B.C.
-1151	124:44	16,700 ± 420			14,750 B.C.
-1153	178:373	9870 ± 370			7920 B.C.
-1154	124:62	4470 ± 300			2520 B.C.
-1155	124:61	3500 ± 300			1550 B.C.
-1156	124:69	1420 ± 280			A.D. 530
-1157	124:62	<200			
-1159	124:63	4300 ± 300			2350 B.C.
-1160	124:54	33,000 ± 1500			31,050 B.C.
-1161	124:63	9650 ± 370			7700 B.C.
-1162	124:65	>42,000			
-1163	124:61	7450 ± 400			5500 B.C.
-1164	124:65	7880 ± 400			5930 B.C.
-1165	124:64	1630 ± 350			A.D. 320
-1166	124:72	1650 ± 350			A.D. 300
-1167	124:66	6200 ± 300			4250 B.C.
-1168	124:65	>38,000			
-1169	124:65	2000 ± 300			50 B.C.
-1170	124:67	6930 ± 300			4980 B.C.
-1171	124:68	1550 ± 300			A.D. 400
-1173	124:68	6170 ± 300			4220 B.C.
-1174	124:66	25,800 ± 800			23,850 B.C.
-1175	124:61	1650 ± 300			A.D. 300
-1177	124:54	35,000 ± 3000			33,050 B.C.
-1180	124:60	7660 ± 300			5710 B.C.
-1181	124:58	22,400 ± 800			20,450 B.C.
-1182	124:58	24,100 ± 900			22,150 B.C.
-1183	124:49	12,060 ± 700			10,110 B.C.
-1184	178:378	23,400 ± 800			21,450 B.C.
-1185	178:378	2540 ± 300			590 B.C.
-1186	124:58	18,100 ± 700			16,150 B.C.
-1187	178:373	15,300 ± 800			13,350 B.C.
-1189	124:48	12,050 ± 400			10,100 B.C.
-1191	124:53	2050 ± 300			100 B.C.
-1192	124:51	>38,000			
-1199	124:60	2080 ± 300			130 B.C.
-1200	124:51	>38,000			
-1201	124:50	13,300 ± 500			11,350 B.C.
-1202	124:63	700 ± 250			A.D. 1250
-1205	124:63	600 ± 250			A.D. 1350
-1206	124:64	8200 ± 300			6250 B.C.
-1207	124:65	10,150 ± 400			8200 B.C.
-1209	124:68	3120 ± 250			1170 B.C.
-1210	124:63	2560 ± 250			610 B.C.
-1211	178:396	5580 ± 300			3630 B.C.

Laboratory number	Published reference	Original date or other value	Corrected date or other value	δC^{14} , ‰	A.D./B.C. date
-1212	124:68	12,400 ± 450			10,450 B.C.
-1213	124:62	9990 ± 400			8040 B.C.
-1221	124:53	32,500 ± 1500			30,550 B.C.
-1222	124:38	3670 ± 300			1720 B.C.
-1223	124:38	2780 ± 250			830 B.C.
-1225	124:53	>39,000			
-1226	124:53	<200			
-1227	178:386	15,000 ± 400			13,050 B.C.
-1229	124:38	400 ± 200			A.D. 1550
-1230	178:374	10,650 ± 300			8700 B.C.
-1231	178:374	6300 ± 300			4350 B.C.
-1232	178:377	>40,000			
-1233	178:376	22,000 ± 600			20,050 B.C.
-1235	178:390	7400 ± 300			5450 B.C.
-1240	178:397	1850 ± 350			A.D. 100
-1241	178:372	8600 ± 400			6650 B.C.
-1242	178:372	9500 ± 400			7550 B.C.
-1243	178:372	8520 ± 400			6570 B.C.
-1244	178:389	7670 ± 350			5720 B.C.
-1245	178:372	9370 ± 400			7420 B.C.
-1246	124:69	3890 ± 300			1940 B.C.
-1247	124:69	7010 ± 350			5060 B.C.
-1249	178:394	8550 ± 400			6600 B.C.
-1250	178:394	7270 ± 350			5320 B.C.
-1251	178:395	>42,000			
-1252	178:395	>42,000			
-1253	178:395	>42,000			
-1254	178:394	11,340 ± 400			9390 B.C.
-1255	178:394	9020 ± 350			7070 B.C.
-1256	178:394	>38,000			
-1257	178:394	>38,000			
-1259	178:393	660 ± 250			A.D. 1290
-1261	178:393	460 ± 250			A.D. 1490
-1262	178:394	34,000 ± 2000			32,050 B.C.
-1269	178:375	850 ± 200			A.D. 1100
-1270	178:375	>42,000			
-1271	178:375	12,820 ± 400			10,870 B.C.
-1272	178:395	2420 ± 200			470 B.C.
-1273	178:389	>33,000			
-1281	178:375	>42,000			
-1284	178:388	800 ± 200			A.D. 1150
-1286	178:388	1560 ± 200			A.D. 390
-1287 ^s	124:60	>34,000			
-1290	124:59	>40,000			
-1291	178:385	<200			
-1292	178:376	>40,000			
-1293	178:376	>36,000			
-1294	178:376	>40,000			
-1299	178:389	4200 ± 300			2250 B.C.
-1300	178:376	>40,000			
-1301	178:390	6000 ± 600			4050 B.C.
-1302	178:390	7880 ± 500			7930 B.C.
-1303	178:390	18,700 ± 600			16,750 B.C.
-1304	178:395	5850 ± 320			3900 B.C.
-1305	178:386	15,100 ± 600			13,150 B.C.
-1306	178:373	7390 ± 500			5440 B.C.
-1313	178:391	<200			
-1314	178:391	<200			
-1315	178:391	<200			
-1317	178:381	12,000 ± 400			10,050 B.C.
-1318	178:381	12,200 ± 450			10,250 B.C.

Radiocarbon Measurements:

<i>Laboratory number</i>	<i>Published reference</i>	<i>Original date or other value</i>	<i>Corrected date or other value</i>	$\delta C^{14}, \text{‰}$	<i>A.D./ B.C. date</i>
-1319	178:393	610 ± 250			A.D. 1340
-1321	178:380	32,500 ± 2000			30,550 B.C.
-1322	178:380	10,230 ± 300			8280 B.C.
-1323	178:381	13,700 ± 350			11,750 B.C.
-1324	178:380	22,500 ± 600			20,550 B.C.
-1325	178:381	12,110 ± 300			10,160 B.C.
-1326	178:391	5250 ± 300			3300 B.C.
-1327	178:380	11,730 ± 350			9780 B.C.
-1328	178:385	2800 ± 250			850 B.C.
-1336	178:395	7380 ± 250			5430 B.C.
-1337	178:391	> 38,000			
-1338	178:384	12,090 ± 300			10,140 B.C.
-1339	178:384	10,190 ± 250			8240 B.C.
-1340	178:384	1850 ± 200			A.D. 100
-1341	178:396	4880 ± 250			2930 B.C.
-1342	178:373	0 ± 200			A.D. 1950
-1343	178:391	28,300 ± 1000			26,350 B.C.
-1353	178:375	21,080 ± 400			19,130 B.C.
-1357	178:374	< 200			
-1358	178:374	10,600 ± 250			8650 B.C.
-1359	178:385	4170 ± 250			2220 B.C.
-1360	178:378	9810 ± 300			7860 B.C.
-1361	178:378	9820 ± 300			7870 B.C.
-1364	178:389	9440 ± 300			7490 B.C.
-1366	178:384	1945 ± 250			A.D. 5
-1367	178:390	3750 ± 300			1800 B.C.
-1369	178:377	9860 ± 400			7910 B.C.
-1370	178:379	> 33,000			
-1372	178:378	12,200 ± 400			10,250 B.C.
1373	178:379	14,000 ± 500			12,050 B.C.
-1374	178:379	> 32,000			
-1376	178:383	10,200 ± 300			8250 B.C.
-1377	178:392	11,190 ± 300			9240 B.C.
-1378	178:396	1490 ± 250			A.D. 460
-1379	178:392	> 38,000			
-1381	178:396	7900 ± 350			5950 B.C.
-1386	178:388	11,100 ± 300			9150 B.C.
-1388	178:388	24,300 ± 700			22,350 B.C.
-1389	178:374	> 38,000			
-1390	178:392	> 38,000			
-1391	178:379	11,130 ± 600			9180 B.C.
-1392	178:379	10,990 ± 600			9040 B.C.
-1393	178:388	2040 ± 200			90 B.C.
-1394	178:388	2460 ± 200			510 B.C.
1396	178:387	2340 ± 200			390 B.C.
-1397	178:386	1500 ± 200			A.D. 450
-1398	178:385	250 ± 200			A.D. 1700
-1404	178:392	2390 ± 200			440 B.C.
-1405	178:392	4470 ± 250			2520 B.C.
-1406	178:382	8140 ± 300			6190 B.C.
-1407	178:383	8030 ± 300			6080 B.C.
-1408	178:383	2800 ± 300			850 B.C.
-1413	178:383	> 32,000			
-1414	178:376	10,230 ± 500			8280 B.C.
-1415	178:395	1460 ± 200			A.D. 490
-1416	178:394	4740 ± 250			2790 B.C.
-1417	178:383	1440 ± 250			A.D. 510
-1418	178:381	11,720 ± 500			9770 B.C.
-1419	178:382	1700 ± 250			A.D. 250
-1420	178:382	25,000 ± 800			23,050 B.C.
1421	178:382	1820 ± 250			A.D. 130

Laboratory number	Published reference	Original date or other value	Corrected date or other value	$\delta C^{14}, \text{‰}$	A.D./B.C. date
-1422	178:381	27,400 ± 800			25,450 B.C.
-1424	178:393	>38,000			
-1426	178:396	>38,000			
-1427	178:393	31,000 ± 800			29,050 B.C.
-1428	178:379	>42,000			
-1429	178:386	>38,000			
-1432	178:378	210 ± 200			A.D. 1740
-1433	178:377	>38,000			
-1434	178:377	10,100 ± 300			8150 B.C.
-1436	178:377	9990 ± 300			8040 B.C.
-1437	178:387	34,000 ± 800			32,050 B.C.
-1458	178:387	>34,000			
-1459	178:387	>38,000			
-1460	178:396	8450 ± 350			6500 B.C.

¹ Reference standard for early samples was 19th-century wood, not significantly different (ref. 22, p. 86) from 0.95 x NBS oxalic acid.

² Listed originally as "possibly older".

³ Ratio, activity of sample to activity of wood standard.

⁴ Less than 2% of modern activity.

⁵ 4.2% of modern activity.

⁶ Sample published twice with different titles.

⁷ Published, by typographic error, as W-1135.

⁸ Also published in ref. 178, p. 390.

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Laboratory number	Published reference	Original date or other value	Corrected date or other value	$\delta C^{14}, \text{‰}$	A.D./B.C. date
WIS-1	179:405	2380 ± 90			430 B.C.
-2 ¹	179:400	12,800 ± 450			10,850 B.C.
-3	179:400	820 ± 80			A.D. 1130
-4 ²	179:400	5290 ± 120			3340 B.C.
-5	179:405	880 ± 180			A.D. 1070
-6	179:406	870 ± 100			A.D. 1080
-7	179:406	4000 ± 160			2050 B.C.
-8	179:400	1000 ± 70			A.D. 950
-9	179:401	1020 ± 80			A.D. 930
-10	179:401	900 ± 90			A.D. 1050
-11	179:401	960 ± 100			A.D. 990
-12	179:406	3430 ± 110			1480 B.C.
-13	179:401	1140 ± 100			A.D. 810
-14	179:401	850 ± 90			A.D. 1100
-15	179:406	1450 ± 90			A.D. 500
-16	179:401	690 ± 90			A.D. 1260
-17a	179:406	1140 ± 90			A.D. 810
-17b	179:406	1050 ± 180			A.D. 900
-18	179:406	3550 ± 120			1600 B.C.
-19a	179:402	750 ± 90			A.D. 1200
-19b	179:402	950 ± 100			A.D. 1000
-20a	179:401	730 ± 90			A.D. 1220
-20b	179:401	700 ± 110			A.D. 1250
-21	179:400	830 ± 110			A.D. 1120
-22	179:402	940 ± 60			A.D. 1010
-23	179:402	640 ± 80			A.D. 1310
-24	179:402	960 ± 100			A.D. 990
-25	179:405	340 ± 100			A.D. 1610
-26	179:400	600 ± 100			A.D. 1350
-27	179:406	1090 ± 130			A.D. 860
-28	179:402	730 ± 120			A.D. 1220

Radiocarbon Measurements:

-29	179:406	2210 ± 160	260 B.C.
-30	179:403	740 ± 90	A.D. 1260
-31a	179:402	640 ± 90	A.D. 1310
-31b	179:402	850 ± 100	A.D. 1100
-32	179:402	720 ± 100	A.D. 1230
-33	179:400	760 ± 100	A.D. 1190
-34a	179:401	370 ± 100	A.D. 1580
-34b ³	179:401	500 ± 80	A.D. 1400
-36	179:402	660 ± 100	A.D. 1290
-37	179:405	1590 ± 80	A.D. 360
-38	179:407	2720 ± 90	870 B.C.
-39	179:402	980 ± 80	A.D. 970
-40	179:403	370 ± 60	A.D. 1580
-41	179:403	3750 ± 100	1800 B.C.
-42	179:403	760 ± 90	A.D. 1190
-43	179:403	560 ± 80	A.D. 1390
-44	179:404	730 ± 80	A.D. 1220
-46	179:404	1050 ± 60	A.D. 900
-48	179:407	12,800 ± 220	10,850 B.C.
-49	179:404	1070 ± 80	A.D. 880

¹ M-507.² M-468.³ Considered more reliable than date of 34a.**Yale University Radiocarbon Laboratory¹**

<i>Laboratory number</i>	<i>Published reference</i>	<i>Original date or other value²⁰</i>	<i>Corrected date or other value</i>	$\delta C^{14}, \text{‰}$	<i>A.D./B.C. date</i>
Y-4	3:955	1540 ± 130			
-5	3:955	Modern			
-6	3:955	1520 ± 140			
-7	3:955	760 ± 130			
-8	3:955	4040 ± 150			
-9	3:955	4680 ± 160			
-10	3:955	7050 ± 240			
-11	3:957	2830 ± 130			
-13	3:957	Modern ^a	see Y-11	d	
-19	3:959	5870 ± 100			
-20	1:287	5.44 ± 0.11 cpm ^a		-90 ± 20	a
-21	1:287	6.00 ± 0.10 cpm ^a		+3 ± 17	a
-22	1:287	6.11 ± 0.08 cpm ^a		+22 ± 13	a
-27	1:287	5.35 ± 0.09 cpm ^a		-105 ± 17	a
-29	1:287	5.99 ± 0.12 cpm ^a		0 ± 20	a
-30	1:287	6.20 ± 0.08 cpm ^a		+37 ± 13	a
-32	3:955	Modern			
-36	4:909	Modern			
-37	3:955	Modern			
-38	3:959	Modern			d
-40	3:959	2850 ± 120			d
-41	3:959	6250 ± 380			d
-42	3:959	2870 ± 130			
-43	3:959	2700 ± 130			
-44	3:959	2570 ± 130			
-49	4:918	>38,000			
-56	1:287	5.93 ± 0.12 cpm ^a		-8 ± 20	a
-63	1:287	6.03 ± 0.10 cpm ^a		+8 ± 17	a
-64	3:957	2560 ± 200 ^s	see Y-11	d	
-65	3:957	Modern ^a	see Y-11	d	
-72	3:960	Modern			
-85	3:960	2720 ± 130			
-86 ²	3:960	4100 ± 450 ^a			d