

Arizona, Geochronology Laboratories

Laboratory number	Published reference	Original date or other value	Corrected date or other value	$\delta C^{14}, \text{‰}$	A.D./B.C. date
A-9, 10	51:73	9250±300 ^s			7300 B.C.
-19	51:73	4310±160 ^s			2360 B.C.
-20, 23	53:242	2100±150			150 B.C.
-21, 22	51:73	3980±160 ^s			2030 B.C.
-25 bis	53:242	2700±160			750 B.C.
-25 b	53:242	2440±160			490 B.C.
-26	51:73	3280±200 ^s	See A-26 bis d		
-26 bis	53:242	2490±170			540 B.C.
-26 b	53:242	2900±150			950 B.C.
-27	51:73	3070±150 ^s	See A-27 bis d		
-27 bis	53:242	3190±150			1240 B.C.
-28	51:73	2515±300 ^s	See A-28 bis d		
-28bis	53:241	1900±160			A.D. 50
-29	51:73	4400±150 ^s	See A-29 bis d		
-29 bis	53:243	2430±150			480 B.C.
-30	51:73	8330±450 ^s	See A-42 d		
-31	51:73	6620±450 ^s	See A-42 d		
-32	51:73	7022±450 ^s	See A-42 d		
-33	51:73	7133±350 ^s	See A-33 bis d		
-33 bis	53:243	10,410±190			8460 B.C.
-34	51:73	7205±450 ^s	See A-42 d		
-40a	51:73	12,000±450 ^s			10,050 B.C.
-40b	51:73	10,900±450 ^s			8950 B.C.
-42	53:243	11,240±190			9290 B.C.
-47	51:73	3100±110 ^s			1150 B.C.
-48	51:73	2150±200 ^s			200 B.C.
-49	51:73	2610±200 ^s	d		
-50	51:73	3250±200 ^s	See A-50bis d		
-50bis	53:242	2730±150			780 B.C.
-51	51:73	3380±200 ^s	See A-51bis d		
-51bis	53:242	3190±160			1240 B.C.
-52	51:73	3025±200 ^s			1075 B.C.
-53	51:73	2080±200 ^s	d		
-66	51:73	2295±110 ^s	See A-66 bis d		
-66bis	53:248	2160±150			210 B.C.
-67	51:73	8200±260 ^s	See A-67 bis d		
-67 bis	53:244	9350±160			7400 B.C.
-68	51:74	2850±200 ^s	See A-68 bis d		
-68 bis	53:245	1800±140			A.D. 150
-69	51:74	8250±200 ^s	See A-69 bis d		
-69 bis	53:245	8270±260			6320 B.C.
-70	51:74	7000±265 ^s	See A-70 bis d		
-70 bis	53:245	6920±160			4970 B.C.
-71	52:60	2090±250 ^s			140 B.C.
-74	51:74	1950±200 ^s			A.D. 0
-79	52:61	12,000±280 ^s			10,050 B.C.
-80	52:60	1990±250 ^s			40 B.C.
-81	52:62	900±160Av. ^s	See A-81 bis d		
-81 bis	53:248	1080±140			A.D. 870
-85	52:60	2550±330 ^s			600 B.C.
-86	52:61	3300±230 ^s			1350 B.C.
-87	52:61	2610±250 ^s			660 B.C.
-88	52:61	2860±210 ^s	See A-88 bis d		
-88 bis	53:245	2010±150			60 B.C.
-89	52:61	2770±170 ^s			820 B.C.
-92	53:245	2220±150			270 B.C.
-94	53:246	2450±150			500 B.C.
-184C	53:244	8240±960			6290 B.C.
-184E	53:244	7030±260			5080 B.C.

Radiocarbon Measurements:

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-186	117:292	4120±490			2170 B.C.
-187	117:292	5280±330			3330 B.C.
-188C	53:244	8270±250			6320 B.C.
-188E	53:244	8260±160			6310 B.C.
-189	117:293	8960±100			7010 B.C.
-189	117:293	8680±100			7730 B.C.
-190	117:293	7910±200			5960 B.C.
-191	117:293	8000±60			6050 B.C.
-192A	53:244	7560±260			5610 B.C.
-192B	53:244	4960±300			3010 B.C.
-193	53:246	3860±200			1910 B.C.
-194	117:293	2860±440			910 B.C.
-196	117:294	2190±100			240 B.C.
-197	53:246	2700±150			750 B.C.
-203	53:246	11,300±1200			9350 B.C.
-203C	53:246	31.7% modern			
-204	117:287	850±180			A.D. 1100
-205	117:287	3380±30			1340 B.C.
-206	117:287	3390±30			1350 B.C.
-207	53:248	3250±40			1210 B.C.
-208	117:295	12,970±560			11,020 B.C.
-209	117:295	107.8±3.0% modern			
-210	117:295	109.5±3.8% modern			
-212	117:297	19.4±1.3% modern			
-213	53:241	>28,000			
-218	117:297	47.9±0.6% modern			
-219	53:248	4240±150			2290 B.C.
-220	53:248	3840±150			1890 B.C.
-221	117:296	>20,000			
-222	117:297	10.4±.6% modern			
-223	117:297	<3.1% modern			
-224	117:297	31.4±.8% modern			
-226	53:247	750±160			A.D. 1200
-227A	117:294	2140±60			190 B.C.
-227B	117:294	1790±400			A.D. 160
-231	53:241	12,900±1500			10,950 B.C.
-234	53:241	8080±170			6130 B.C.
-235	53:241	20,750±540			18 800 B.C.
-236	53:241	>36,000			
-239	117:297	3.0±0.5% modern			
-240	117:297	4.0±1.4% modern			
-241	53:249	Modern			
-243	53:247	903±150			A.D. 1047
-244	53:247	810±150			A.D. 1140
-245	53:247	820±150			A.D. 1130
-246	53:247	4520±160			2570 B.C.
-247	53:247	2500±160			550 B.C.
-248	117:298	<3.2% modern			
-249	117:298	20.9±1.2% modern			
-250	117:299	71.5±1.1% modern			
-251	117:297	3.1±0.6% modern			
-255:1	117:286	$\Delta 2 \pm 4\text{‰}$	$\Delta -23 \pm 7\text{‰}$ b	+5 ± 6	
-255:2	117:286	$\Delta 20 \pm 4\text{‰}$	$\Delta -3 \pm 6\text{‰}$	+25 ± 4	
-255:3	117:286	$\Delta 0 \pm 4\text{‰}$	$\Delta +15 \pm 4\text{‰}$	+16 ± 4	
-255:4	117:286	$\Delta 1 \pm 4\text{‰}$	$\Delta +5 \pm 4\text{‰}$	+8 ± 1	
-255:5	117:286	$\Delta -8 \pm 6\text{‰}$	$\Delta -1 \pm 7\text{‰}$	2 ± 6	
-255:6	117:286	$\Delta -18 \pm 4\text{‰}$	$\Delta -8 \pm 6\text{‰}$	-9 ± 4	
-255:7	117:286	$\Delta -7 \pm 6\text{‰}$	$\Delta -14 \pm 4\text{‰}$	-3 ± 6	
-255:8	126:92	$\delta C^{14} -24 \pm 5\text{‰}$	$\Delta -7 \pm 6\text{‰}$ b	-19 ± 7	
-255:10	126:92	$\delta C^{14} -8 \pm 5\text{‰}$	$\Delta -25 \pm 7\text{‰}$ b	-14 ± 7	

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-255:11	126:92	$\delta C^{14} - 8 \pm 5 \text{‰}$	$\Delta \text{‰} - 17 \pm 7$ b	-14 ± 7	
-256	117:294	7300 ± 110			5350 B.C.
-257	53:247	2200 ± 145			250 B.C.
-258	53:247	2200 ± 145			250 B.C.
-259	117:299	$73.5 \pm 1.1\%$ modern			
-261	117:295	$17,200 \pm 220$			15,250 B.C.
-262	117:298	$2.0 \pm .8\%$ modern			
-263	117:298	$< 1.4\%$ modern			
-264	117:300	$58.0 \pm 1.4\%$ modern			
-265	117:298	$19.4 \pm 1.0\%$ modern			
-266	117:298	$20.2 \pm 0.6\%$ modern			
-268	117:294	$24,700 \pm 3900$			22,750 B.C.
-270	117:299	$14.0 \pm .8\%$ modern			
-271	117:299	$23.2 \pm 1.0\%$ modern			
-272	117:299	$36.3 \pm 0.8\%$ modern			
-273	117:299	$12.1 \pm 0.8\%$ modern			
-277	117:300	$42.5 \pm 1.0\%$ modern			
-278	117:300	$12.9 \pm 1.0\%$ modern			
-279	117:300	$9.6 \pm 1.0\%$ modern			
-280	117:288	< 1600			
-281	117:288	620 ± 260			A.D. 1330
-282	117:288	714 ± 330			A.D. 1236
-283	117:288	4480 ± 100			2530 B.C.
-284	117:288	603 ± 60			A.D. 1347
-285	117:299	$12.4 \pm 1.0\%$ modern			
-286	117:299	$14.5 \pm 1.0\%$ modern			
-287	117:299	$0.8 \pm 0.5\%$ modern			
-291	126:97	$40.6 \pm .4\%$ modern			
-292	117:300	$60.4 \pm 1.5\%$ modern			
-296	117:295	$1.4 \pm 0.6\%$ modern			
-297	117:289	0 ± 55			A.D. 1950
-298	117:290	250 ± 55			A.D. 1700
-300	117:290	180 ± 55			A.D. 1770
-301	117:290	250 ± 50			A.D. 1700
-302	117:291	4890 ± 80			2940 B.C.
-303	117:291	4620 ± 80			2670 B.C.
-304	126:97	$63.4 \pm 3.8\%$ modern			
-305	126:97	$22,600 \pm 2600$			20,650 B.C.
-306	117:294	1270 ± 610			A.D. 680
-308	117:298	$2.8 \pm 0.5\%$ modern			
-309	126:97	$20,500 \pm 370$			18,550 B.C.
-310	126:97	$17,600 \pm 1200$			15,650 B.C.
-311	126:97	7350 ± 130			5400 B.C.
-312	126:97	$18,300 \pm 900$			16,350 B.C.
-313	126:97	$11,470 \pm 180$			9520 B.C.
-314	126:97	$11,300 \pm 180$			9350 B.C.
-315	126:97	$11,150 \pm 180$			9200 B.C.
-316A	126:97	$13,700 \pm 150$			11,750 B.C.
316B	126:98	$19,100 \pm 3500$ -6800			17,150 B.C.
-317	117:300	$92.4 \pm 1.4\%$ modern			
-318	126:97	$17,900 \pm 270$			15,950 B.C.
-319	126:97	$21,600 \pm 1800$			19,650 B.C.
-320	117:300	$31.9 \pm 2.4\%$ modern			
-321	117:298	$20.0 \pm 0.4\%$ modern			
-322	117:287	210 ± 50			A.D. 1740
-323	117:290	3270 ± 250			1320 B.C.
-324	117:290	3420 ± 130			1470 B.C.
-325	117:290	$29,000 \pm 1000$			27,050 B.C.
-326	117:286	$\Delta 22 \pm 4 \text{‰}$		33 ± 4	
-327	117:286	$\Delta 42 \pm 4 \text{‰}$		51 ± 4	

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-329	117:301	$\Delta 303 \pm 6\text{‰}$		310 ± 6	
-330	117:289	3960 ± 60			2010 B.C.
-331	117:289	3960 ± 60			2010 B.C.
-332	117:289	3820 ± 50			1870 B.C.
-333	117:289	4190 ± 60			2240 B.C.
-334	117:289	4090 ± 50			2140 B.C.
-335	126:97	$11,100 \pm 100$			9150 B.C.
-336	126:97	$21,500 \pm 370$			19,550 B.C.
-337	126:97	$20,400 \pm 370$			18,450 B.C.
-338	126:97	$13,600 \pm 450$			11,650 B.C.
-339	126:97	$10,400 \pm 100$			8450 B.C.
-340	117:290	3530 ± 60			1580 B.C.
-341	117:301	$45.7 \pm 1.5\%$ modern			
-342	117:301	$54.1 \pm 1.6\%$ modern			
-343	117:301	$12.4 \pm 1.7\%$ modern			
-344	117:300	$84.7 \pm 2.1\%$ modern			
-345	117:291	3860 ± 80			1910 B.C.
-346	117:291	4530 ± 180			2580 B.C.
-347	117:292	4430 ± 70			2480 B.C.
-348	117:292	5320 ± 70			3370 B.C.
-349	117:291	4110 ± 80			2160 B.C.
-351	117:296	8615 ± 110			6665 B.C.
-352	117:296	$23,000 \pm 500$			21,050 B.C.
-353	117:296	$22,000 \pm 500$			20,050 B.C.
-354:1	117:285	$\Delta 8 \pm 5\text{‰}$		13 ± 5	
-354:2	117:285	$\Delta 22 \pm 5\text{‰}$		27 ± 5	
-354:3	117:285	$\Delta 2 \pm 4\text{‰}$		8 ± 4	
-355	126:98	3190 ± 160			1240 B.C.
-356	177:292	5330 ± 80			3380 B.C.
-357	117:287	170 ± 50			A.D. 1780
-358	117:287	80 ± 50			A.D. 1870
-359	117:296	$17,200 \pm 330$			15,250 B.C.
-360	126:97	$27,600 \pm 900$			25,650 B.C.
-361	126:97	$12,890 \pm 420$			10,940 B.C.
-362	117:292	6520 ± 80			4570 B.C.
-363	117:291	4980 ± 60			3030 B.C.
-364	126:102	2450 ± 75			500 B.C.
-365	126:102	$10,180 \pm 480$			8230 B.C.
-366	126:102	$10,550 \pm 350$			8600 B.C.
-372	126:102	9600 ± 230			7650 B.C.
-375	126:101	$15,750 \pm 760$			13,800 B.C.
-376	117:292	6830 ± 90			4880 B.C.
-377	117:291	3700 ± 80			1750 B.C.
-378	126:100	$10,940 \pm 100$			8990 B.C.
-379	126:100	9900 ± 320			7950 B.C.
-380	126:101	$10,600 \pm 320$			8650 B.C.
-386	126:100	$10,490 \pm 900$			8540 B.C.
-387	126:99	$>44,000$			
-388	126:96	$19,400 \pm 1800$			17,450 B.C.
-389	126:104	1220 ± 65			A.D. 730
-390	126:94	$102.6 \pm 0.8\%$ modern			
-391	126:94	$103.3 \pm 0.8\%$ modern			
-392	126:94	$79.4 \pm 1.1\%$ modern			
-393	126:98	$10,500 \pm 130$			8550 B.C.
-394	126:94	$100.0 \pm 2.1\%$ modern			
-395	126:93	$7.07 \pm 0.60\%$ modern			
-396	126:101	6120 ± 60			4170 B.C.
-397	126:99	$79.6 \pm 1.1\%$ modern			
-398	126:99	$29.6 \pm 0.4\%$ modern			
-399	126:99	$0.88 \pm .45\%$ modern			
-400	126:95	$\delta C^{14} 362 \pm 7\text{‰}$			

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-401	126:95	$\delta C^{14} 358 \pm 6 \text{‰}$			
-402	126:94	100.6 \pm 0.8% modern			
-403	126:94	105.2 \pm 0.7% modern			
-404	126:98	10,680 \pm 170			8730 B.C.
-405	126:98	13,500 \pm 650			11,550 B.C.
-406	126:98	1.6% modern			
-407A	126:94	106.8 \pm 0.9% modern			
-407B	126:94	94.3 \pm 2.1% modern			
-408	126:95	98.0 \pm 0.7% modern			
-409	126:95	$\delta C^{14} 365 \pm 5 \text{‰}$			
-410A	126:104	1130 \pm 100			A.D. 820
-410B	126:104	950 \pm 160			A.D. 1000
-411	126:103	710 \pm 40			A.D. 1240
-412	126:103	640 \pm 30			A.D. 1310
-413	126:104	890 \pm 190			A.D. 1060
-415A	126:103	820 \pm 50			A.D. 1130
-415B	126:103	560 \pm 180			A.D. 1390
-417	126:98	28.8% modern			
-418	126:98	4560 \pm 90			2610 B.C.
-424	126:96	51.3 \pm 1.6% modern			
-425a	126:104	1020 \pm 40			A.D. 930
-425b	126:104	1170 \pm 180			A.D. 780
-427	126:104	1160 \pm 160			A.D. 790
-431	126:103	13,060 \pm 600			11,100 B.C.
-432	126:103	1000 \pm 160			950 B.C.
-433	126:105	3770 \pm 60			1820 B.C.
-434	126:105	3660 \pm 50			1710 B.C.
-435	126:105	3560 \pm 70			1610 B.C.
-436	126:106	4730 \pm 50			2780 B.C.
-437	126:106	3620 \pm 70			1670 B.C.
-438	126:93	11.61 \pm 0.57% modern			
-439	126:94	4.72 \pm 0.20% modern			
-440	126:94	6.46 \pm 0.42 modern			
-446	126:95	$\Delta 500 \pm 9 \text{‰}$		508 \pm 9	
-450a	126:100	2550 \pm 160			600 B.C.
-451	126:96	28,500 \pm 4300			26,550 B.C.
-454	126:95	115.1 \pm 2.5% modern			8740 B.C.
-458	126:98	10,690 \pm 650			
-476	126:93	$\Delta + 40 \pm 6 \text{‰}$		46 \pm 6	
-477	126:93	$\Delta + 19 \pm 6 \text{‰}$		24 \pm 6	
-481	126:101	11,170 \pm 360			9220 B.C.
-482	126:96	>42,500			
-486	126:96	<0.55% modern			

University of Bern, C-14 Laboratory¹

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B-8	70:140	1930 \pm 80	1930 \pm 110 a		A.D. 20
-11	70:133	2650 \pm 130	2650 \pm 150 a		700 B.C.
-12	70:134	770 \pm 130	770 \pm 150 a		A.D. 1180
-13	70:134	440 \pm 120	440 \pm 145 a		A.D. 1510
-16	70:140	10,200 \pm 200	10,200 \pm 215 a		8250 B.C.
-17	70:134	5350 \pm 140	5390 \pm 160 a, c		3440 B.C.
-18	70:134	5500 \pm 160	5500 \pm 180 a		3550 B.C.
-19	70:134	5500 \pm 140	5500 \pm 160 a		3550 B.C.
-20	70:138	29,000 \pm 1500	>27,500 d		
-29	70:139	>47,000			