

Laboratory number	Published reference	Original date or other value	Corrected date or other value	$\delta C^{14}, \text{‰}$	A.D./B.C. date
-150	140:229	3740 ± 100			1790 B.C.
-151	140:229	3800 ± 100			1850 B.C.
-154	173:293	3665 ± 110			1715 B.C.
-157	173:293	4120 ± 110			2170 B.C.
-160	173:293	4060 ± 100			2110 B.C.
-161	173:293	3930 ± 100			1980 B.C.
-162	173:293	3940 ± 100			1990 B.C.
-163	173:293	3910 ± 100			1960 B.C.
-165	173:293	3800 ± 100			1850 B.C.
-167	173:295	3890 ± 110			1940 B.C.
-168	173:295	3875 ± 110			1925 B.C.
-173	140:227	310 ± 90			A.D. 1640
-176	173:292	2000 ± 100			50 B.C.
-177	173:292	1820 ± 100			A.D. 130
-183	173:292	200 ± 95			A.D. 1750
-191	173:291	2890 ± 105			940 B.C.
-199	173:294	3590 ± 100			1640 B.C.
-200	173:294	3810 ± 110			1860 B.C.

<sup>1</sup> B-471.<sup>2</sup> C-1, A-219, LJ 172, LJ 175, SL 8, UCLA-751; we could not determine whether sample was sycamore or acacia.

### University of Texas, Radiocarbon Dating Laboratory

Laboratory number	Published reference	Original date or other value	Corrected date or other value	$\delta C^{14}, \text{‰}$	A.D./B.C. date
Tx-1 <sup>1</sup>	80:45	10,820 ± 190	d <sup>17</sup>		
-2 <sup>2</sup>	80:45	5925 ± 275	d <sup>17</sup>		
-3 <sup>3</sup>	80:45	5535 ± 175	d <sup>17</sup>		
-4	80:45	1144 ± 165	See Tx-57	d <sup>17</sup>	
-5	80:47	1045 ± 55	d <sup>17</sup>		
-6	80:47	1120 ± 60	d <sup>17</sup>		
-7	80:49	2355 ± 185	See Tx-75	d <sup>17</sup>	
-8	80:49	1140 ± 90	d <sup>17</sup>		
-10	80:49	1410 ± 120	d <sup>17</sup>		
-12	80:47	1765 ± 145	d <sup>17</sup>		
-13	80:47	6695 ± 360	d <sup>17</sup>		
-14	80:49	4505 ± 300	d <sup>17</sup>		
-15	80:50	4170 ± 200	d <sup>17</sup>		
-16	80:50	5405 ± 300	d <sup>17</sup>		
-17	80:48	10,025 ± 185	d <sup>17</sup>		
-18	80:48	9110 ± 155	d <sup>17</sup>		
-19	80:48	10,065 ± 185	d <sup>17</sup>		
-20	80:48	10,365 ± 110	d <sup>17</sup>		
-21	131:145	240 ± 140	<530	c	-30 ± 17
-22	131:145	210 ± 70			-26 ± 9
-23	131:145	705 ± 115			A.D. 1245
-24	131:146	585 ± 85			A.D. 1365
-25	131:146	540 ± 140			-65 ± 15
-26	131:146	705 ± 95			A.D. 1410
-27	131:146	1180 ± 210			-84 ± 11
-28	131:146	1165 ± 120			A.D. 1245
-29	131:149	155 ± 90	155 ± 75	c	-137 ± 22
-30	131:149	1970 ± 150			-135 ± 13
-31	131:143	>31,500			A.D. 770
-32	174:300	8340 ± 180			A.D. 785
-33	131:144	3100 ± 260			-19 ± 9
-34	131:144	4950 ± 160			A.D. 1795
-35	131:144	5660 ± 220			-218 ± 16
					20 B.C.
					-988 ± 7
					-646 ± 23
					6390 B.C.
					-321 ± 22
					1150 B.C.
					-462 ± 10
					3000 B.C.
					-505 ± 14
					3710 B.C.

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-36	131:144	>32,000		-994 ± 13	
-37	131:144	>35,000		-996 ± 9	
-38	131:152	830 ± 100		-102 ± 12	A.D. 1120
-39	131:152	1840 ± 400		-204 ± 40	A.D. 110
-40	131:152	3050 ± 120		-316 ± 10	1000 B.C.
-41	131:152	6530 ± 620		-558 ± 34	4580 B.C.
-42	131:152	5080 ± 310		-469 ± 22	3130 B.C.
-43 <sup>t</sup>	131:140	100 ± 80		-15 ± 9	A.D. 1850
-44 <sup>s</sup>	131:141	10,700 ± 210		-737 ± 7	8750 B.C.
-45	131:141	1360 ± 100		-155 ± 10	A.D. 590
-46	131:153	2310 ± 210		-250 ± 17	360 B.C.
-47	131:154	2810 ± 110		-295 ± 14	860 B.C.
-48	131:140	195 ± 105		-24 ± 14	A.D. 1755
-49	131:141	380 ± 100		-46 ± 11	A.D. 1570
-50	131:157	745 ± 110	745 ± 95	-90 ± 11	A.D. 1205
-51	131:157	745 ± 95		-90 ± 11	A.D. 1205
-52	131:144	8270 ± 170		-642 ± 8	6320 B.C.
-53	131:158	800 ± 390		-95 ± 44	A.D. 1150
-54 <sup>a</sup>	131:158	4140 ± 130		-403 ± 10	2190 B.C.
-55	131:155	860 ± 120		-102 ± 15	A.D. 1090
-56	131:155	475 ± 110		-57 ± 12	A.D. 1475
-57	131:155	530 ± 105		-64 ± 12	A.D. 1420
-58	131:146	545 ± 120		-67 ± 13	A.D. 1405
-59	131:147	5890 ± 200		-520 ± 11	3940 B.C.
-60	131:147	305 ± 110		-38 ± 13	A.D. 1645
-61	131:147	<330		-23 ± 17	
-62	131:147	305 ± 110		-38 ± 13	A.D. 1645
-63	131:147	7900 ± 800		-628 ± 33	5950 B.C.
-64	131:148	1310 ± 270		-151 ± 28	A.D. 640
-65	131:148	265 ± 135		-33 ± 17	A.D. 1685
-66	131:148	1125 ± 190		-131 ± 21	A.D. 825
-67	131:148	1150 ± 140		-133 ± 15	A.D. 800
-68	131:148	6020 ± 170		-528 ± 10	4070 B.C.
-69	131:142	7290 ± 260		-596 ± 14	5340 B.C.
-70	131:150	1040 ± 85		-121 ± 11	A.D. 910
-71	131:150	290 ± 95		-37 ± 11	A.D. 1660
-72	131:151	1080 ± 110		-127 ± 13	A.D. 870
-73	131:143	3480 ± 1060		-352 ± 86	1530 B.C.
-74	131:143	1040 ± 120		-121 ± 10	A.D. 910
-75	131:151	920 ± 200		-110 ± 22	A.D. 1030
-76	131:152	2300 ± 160		-249 ± 15	350 B.C.
-77	131:153	600 ± 190		-73 ± 21	A.D. 1350
-78	131:153	4430 ± 140		-424 ± 10	2480 B.C.
-79	131:153	3950 ± 120		-390 ± 9	2000 B.C.
-80	131:153	10,300 ± 400		-724 ± 15	8350 B.C.
-81	131:153	1270 ± 110		-146 ± 11	A.D. 680
-82	131:154	5900 ± 200		-520 ± 36	3950 B.C.
-83	131:156	480 ± 110		-58 ± 12	A.D. 1470
-84	131:156	490 ± 100		-60 ± 12	A.D. 1460
-85	131:156	10,600 ± 200		-733 ± 7	8650 B.C.
-86	131:156	8970 ± 150		-673 ± 6	7020 B.C.
-87	131:157	10,150 ± 170		-717 ± 6	8200 B.C.
-88	131:157	9050 ± 180		-676 ± 7	7100 B.C.
-89	131:157	9740 ± 210		-703 ± 7	7790 B.C.
-90	174:297 <sup>19</sup>	76.9 ± 1.0 <sup>18</sup>		-231 ± 10	
-91	174:297 <sup>19</sup>	74.9 ± 0.7 <sup>18</sup>		-251 ± 7	
-92	174:297 <sup>19</sup>	50.1 ± 0.7 <sup>18</sup>		-499 ± 7	
-93	174:297 <sup>19</sup>	17.1 ± 0.4 <sup>18</sup>		-829 ± 4	
-94	174:297 <sup>19</sup>	6.92 ± 0.41 <sup>18</sup>		-931 ± 4	
-95	174:298 <sup>19</sup>	2.63 ± 0.28 <sup>18</sup>		-974 ± 3	
-96	174:297 <sup>19</sup>	2.54 ± 0.20 <sup>18</sup>		-975 ± 2	
-97	174:298 <sup>19</sup>	1.19 ± 0.17 <sup>18</sup>		-988 ± 2	

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-98	131:149	560 ± 80		-68 ± 9	A.D. 1390
-99	131:149	560 ± 80		-68 ± 9	A.D. 1390
-100	131:149	1900 ± 160		-210 ± 13	A.D. 50
-101	131:158	1680 ± 90		-189 ± 9	A.D. 270
-102	131:158	1160 ± 100		-135 ± 10	A.D. 790
-103	131:150	3570 ± 650		-359 ± 52	1620 B.C.
-104	131:150	2900 ± 180		-303 ± 15	950 B.C.
-105 <sup>7</sup>	131:155	1120 ± 90		-131 ± 10	A.D. 830
-106	131:154	2780 ± 110		-293 ± 8	830 B.C.
-107	174:301	8760 ± 150		-664 ± 6	6810 B.C.
-108	174:301	8680 ± 150		-660 ± 6	6730 B.C.
-109	174:301	6640 ± 120		-563 ± 6	4690 B.C.
-110	174:307	820 ± 80		-97 ± 9	A.D. 1130
-111 <sup>8</sup>	174:308	550 ± 60		-66 ± 6	A.D. 1400
-112	174:308	660 ± 100		-79 ± 11	A.D. 1290
-113	174:308	795 ± 75		-94 ± 8	A.D. 1155
-114	174:308	480 ± 80		-58 ± 9	A.D. 1470
-115	174:309	585 ± 80		-71 ± 8	A.D. 1365
-116	174:309	465 ± 80		-57 ± 9	A.D. 1485
-117	174:302	5550 ± 130		-499 ± 8	3600 B.C.
-119	174:306	1870 ± 160		-207 ± 16	A.D. 80
-120	174:306	1330 ± 140		-157 ± 14	A.D. 620
-121	174:306	2040 ± 130		-224 ± 13	90 B.C.
-122	174:306	1600 ± 70		-184 ± 10	A.D. 350
-123	174:306	315 ± 75		-50 ± 11	A.D. 1635
-124	174:306	<160		-22 ± 10	
-125	174:313	2420 ± 160		-263 ± 15	470 B.C.
-126	174:300	6620 ± 120		-562 ± 7	4670 B.C.
-127	174:300	9030 ± 165		-674 ± 4	7080 B.C.
-128	174:305	8910 ± 140		-671 ± 6	6960 B.C.
-129	174:305	9030 ± 230		-675 ± 9	7080 B.C.
-130	174:305	1050 ± 140		-128 ± 14	A.D. 900
-131	174:304	2510 ± 100		-268 ± 9	560 B.C.
-132	174:310	900 ± 85		-107 ± 9	A.D. 1050
-133	174:310	1115 ± 85		-130 ± 9	A.D. 835
-134	174:310	795 ± 80		-94 ± 8	A.D. 1155
-135	174:310	785 ± 80		-93 ± 9	A.D. 1165
-136	174:303	3410 ± 80		-347 ± 8	1460 B.C.
-137	174:302	4740 ± 140		-445 ± 9	2790 B.C.
-138	174:302	6110 ± 110		-532 ± 7	4160 B.C.
-139	174:302	6060 ± 120		-530 ± 7	4110 B.C.
-140	174:302	8540 ± 120		-654 ± 5	6590 B.C.
-141	174:302	8760 ± 150		-664 ± 6	6810 B.C.
-142	174:309	555 ± 80		-67 ± 9	A.D. 1395
-143	174:312	1365 ± 135		-157 ± 14	A.D. 585
-144	174:311	1165 ± 75		-135 ± 8	A.D. 785
-145	174:311	2320 ± 90		-251 ± 8	370 B.C.
-146	174:311	2470 ± 140		-265 ± 13	520 B.C.
-147	174:311	2100 ± 100		-231 ± 9	150 B.C.
-148	174:312	2920 ± 130		-304 ± 11	970 B.C.
-149	174:312	3130 ± 140		-323 ± 12	1180 B.C.
-150	174:312	4840 ± 220		-453 ± 15	2890 B.C.
-151	174:304	1400 ± 130		-160 ± 13	A.D. 550
-152	174:304	7240 ± 220		-594 ± 11	5290 B.C.
-153	174:304	10,230 ± 160		-720 ± 6	8280 B.C.
-154	174:298	2340 ± 100		-252 ± 8	390 B.C.
-155	174:298	35,200 <sup>+2400</sup> -1800		-988 ± 3	33,250 B.C.
-156	174:298	24,900 ± 700		-955 ± 4	22,950 B.C.
-157 <sup>9</sup>	174:296	7740 ± 170		-618 ± 8	5790 B.C.
-158a <sup>10</sup>	174:296	9500 ± 200		-693 ± 7	7550 B.C.
-158b <sup>10</sup>	174:296	9320 ± 160		-687 ± 6	7370 B.C.

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-159 <sup>11</sup>	174:296	8970 ± 150		-673 ± 6	7020 B.C.
-161 <sup>12</sup>	174:296	<160		-3 ± 9	
-188 <sup>13</sup>	174:296	800 ± 90		-95 ± 10	A.D. 1150
-189 <sup>14</sup>	174:296	610 ± 95		-74 ± 11	A.D. 1340
-190a <sup>15</sup>	174:296	1200 ± 110		-139 ± 11	A.D. 750
-190b <sup>15</sup>	174:296	1100 ± 110		-128 ± 11	A.D. 850
-191	174:303	3330 ± 110		-340 ± 9	1380 B.C.
-192	174:303	2330 ± 90		-252 ± 9	380 B.C.
-193	174:303	4170 ± 80		-407 ± 8	2220 B.C.
-194	174:304	1690 ± 80		-191 ± 8	A.D. 260
-195	174:302	4360 ± 120		-580 ± 8	2410 B.C.
-196	174:302	4580 ± 110		-434 ± 8	2630 B.C.
-197	174:302	8680 ± 180		-661 ± 8	6730 B.C.
-198 <sup>16</sup>	174:312	990 ± 90		-116 ± 10	A.D. 960
-199	174:309	320 ± 60		-41 ± 8	A.D. 1630
-200	174:305	2080 ± 80		-228 ± 8	130 B.C.
-201	174:305	2330 ± 80		-252 ± 8	380 B.C.
-202	174:309	240 ± 90		-30 ± 11	A.D. 1710
-203	174:302	4520 ± 120		-431 ± 8	2570 B.C.
-204	174:311	980 ± 130		-115 ± 14	A.D. 970
-205	174:311	845 ± 115		-100 ± 13	A.D. 1105
-206	174:311	1670 ± 110		-187 ± 11	A.D. 280
-207	174:311	1410 ± 130		-161 ± 13	A.D. 540
-208	174:311	2160 ± 100		-236 ± 9	210 B.C.
-209	174:311	1990 ± 140		-219 ± 13	40 B.C.
-210	174:297	33.6 ± 0.4 <sup>18</sup>		-664 ± 4	
-211	174:297	2.30 ± 0.50 <sup>18</sup>	d		
-213	174:307	750 ± 130		-89 ± 14	A.D. 1200
-214	174:297	1.36 ± 0.10 <sup>18</sup>		-986 ± 1	
-215	174:297	2.06 ± 0.13 <sup>18</sup>		-979 ± 1	
-212	174:307	1300 ± 260		-146 ± 28	A.D. 650
-216	174:297	3.69 ± 0.14 <sup>18</sup>		-963 ± 1	
-217	174:298	1.17 ± 0.09 <sup>18</sup>		-988 ± 1	
-218	174:298	<0.62 <sup>18</sup>		-1000 ± 3	
-219	174:298	<0.66 <sup>18</sup>		-998 ± 3	
-220	174:300	6450 ± 200		-552 ± 11	4500 B.C.
-221	174:299	345 ± 130		-42 ± 15	A.D. 1605
-222	174:299	<260		-7 ± 16	
-223	174:299	<260		+3 ± 15	
-224	174:299	<225		+35 ± 14	
-225	174:299	<180		+28 ± 11	
-226	174:297	6.38 ± 0.25 <sup>18</sup>		-936 ± 2	

<sup>1</sup> W-723; ref. 21, pg. 152.<sup>2</sup> W-859; ref. 21, pg. 173.<sup>3</sup> W-823; ref. 21, pg. 138.<sup>4</sup> Ox-62, 65, 67, 82, ref. 162.<sup>5</sup> Tx-269 (Texas IV).<sup>6</sup> IVIC-5, ref. 154 and Y-1422, ref. 154.<sup>7</sup> C-153, ref. 95.<sup>8</sup> I-982, ref. 174.<sup>9</sup> PIC-5, ref. 165.<sup>10</sup> PIC-6, ref. 165 and IVIC-151, ref. 174.<sup>11</sup> PIC-3, ref. 165.<sup>12</sup> OX (USDA)-15, ref. 174.<sup>13</sup> IVIC-18, ref. 154.<sup>14</sup> IVIC-62, ref. 124 and Y-1421, ref. 144.<sup>15</sup> IVIC-74, ref. 154.<sup>16</sup> M-1305, ref. 114; TBNC-3361, ref. 174.<sup>17</sup> See statement in Texas II (ref. 131) p. 139-140.<sup>18</sup> C<sup>14</sup>, ‰ of modern.<sup>19</sup> Also pub. in Texas II (ref. 131).