

**Sharp Laboratories Division, Beckman Instruments, Inc.**

Laboratory number	Published reference	Original date or other value	Corrected date or other value	$\delta$ C <sup>14</sup> , ‰	A.D./ B.C. date
SL-3	127:109	239 ± 52 <sup>1</sup>			A.D. 1711
-8	127:109	4020 ± 100 <sup>2</sup>			2070 B.C.

<sup>1</sup> Sequoia wood, tree-ring dated A.D. 1710 ± 10.

<sup>2</sup> C-1; A-219; LJ-175; TF-56.

**Socony Mobil Oil Corporation, Inc.<sup>1</sup>**

Laboratory number	Published reference	Original date or other value	Corrected date or other value	$\delta$ C <sup>14</sup> , ‰	A.D./ B.C. date
SM-1-8	72:111	22,400 ± 1000			20,445 B.C.
-13	72:109	2300 ± 200			345 B.C.
-14	72:109	3150 ± 200			1195 B.C.
-15	72:109	4110 ± 250			2155 B.C.
-16	72:109	7650 ± 250			5695 B.C.
-17	72:109	620 ± 100			A.D. 1335
-18	72:109	2000 ± 200			45 B.C.
-19	72:110	3600 ± 200			1645 B.C.
-33	72:111	22,800 ± 1400			20,845 B.C.
-34	72:111	> 30,0000			
-35	72:111	22,600 ± 1400			20,645 B.C.
-36	72:111	10,270 ± 450			8315 B.C.
-38	72:98	10,925 ± 850			8970 B.C.
-40	72:98	11,840 ± 800			9885 B.C.
-43	72:98	18,750 ± 2000			16,795 B.C.
-44	72:99	8265 ± 650			6310 B.C.
-46	72:99	4300 ± 1100			2345 B.C.
-47	72:99	24,400 ± 4300			22,445 B.C.
-50	72:111	11,400 ± 600			9445 B.C.
-50C	72:111	9900 ± 500			7945 B.C.
-57	72:104	8080 ± 600			6125 B.C.
-58	72:104	11,280 ± 875			9325 B.C.
-61	72:104	4500 ± 600			2545 B.C.
-65	72:105	12,520 ± 1200			10,565 B.C.
-66	72:105	> 25,000			
-68	72:102	3540 <sup>+3200</sup> -2200			1585 B.C.
-69	72:102	8575 <sup>+4100</sup> -2700			6620 B.C.
-70	72:101	2000 ± 1000			45 B.C.
-72	72:103	3925 ± 800			1970 B.C.
-73	72:103	9800 ± 750			7845 B.C.
-74	72:100	4450 ± 200			2495 B.C.
-75	72:100	19,350 ± 1200			17,395 B.C.
-76	72:100	5623 ± 200			3668 B.C.
-77	72:100	10,180 ± 300			8225 B.C.
-78	72:101	2490 ± 300			535 B.C.
-79	72:101	3520 ± 250			1565 B.C.
-82	72:102	2150 ± 200			195 B.C.
-83	72:102	5410 ± 250			3455 B.C.
-84	72:103	3380 ± 300			1425 B.C.
-85	72:103	10,320 ± 700			8365 B.C.
-86	72:98	12,300 ± 450			10,345 B.C.
-87	72:99	20,750 ± 1900			18,795 B.C.
-88	72:103	2435 ± 200			480 B.C.
-89	72:103	9950 ± 385			7995 B.C.
-91	72:98	4310 ± 750			2355 B.C.
-92	72:98	12,360 ± 2600			10,405 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>	$\delta^{14}\text{C}, \text{‰}$	<i>A.D./ B.C. date</i>
-96	72:101	10,500 ± 1000			8545 B.C.
-110	72:103	5170 ± 900			3215 B.C.
-111	72:103	8780 ± 1300			6825 B.C.
-115	72:104	>25,000			
-116	72:98	12,780 ± 700			10,825 B.C.
-117	72:98	12,460 ± 700			10,505 B.C.
-118	72:100	10,440 ± 400			8485 B.C.
-119	72:100	9340 ± 400			7385 B.C.
-121	72:101	2190 ± 180			235 B.C.
-122	72:100	3550 ± 160			1595 B.C.
-123	72:100	6910 ± 300			4955 B.C.
-124	72:102	5780 ± 235			3825 B.C.
-125	72:101	5935 ± 300			3980 B.C.
-128	72:98	7125 ± 325			5170 B.C.
-129	72:99	12,500 ± 600			10,545 B.C.
-130	72:98	5160 ± 270			3205 B.C.
-131	72:98	9610 ± 500			7655 B.C.
-132	72:98	8550 ± 600			6600 B.C.
-134	72:105	17,200 ± 450			15,245 B.C.
-135	72:105	18,500 ± 500			16,545 B.C.
-137	72:105	6070 ± 170			4115 B.C.
-138	72:101	2425 ± 175			470 B.C.
-139	72:101	3675 ± 195			1720 B.C.
-140	72:104	3615 ± 190			1660 B.C.
-141	72:102	5640 ± 200			3685 B.C.
-142	72:103	3800 ± 150			1845 B.C.
-143	72:103	7100 ± 260			5145 B.C.
-144	72:104	7260 ± 260			5305 B.C.
-145	72:104	3580 ± 175			1625 B.C.
-146	72:104	5850 ± 400			3895 B.C.
-147	72:104	17,050 ± 600			15,095 B.C.
-158	72:99	10,100 ± 500			8145 B.C.
-162	72:105	24,100 ± 1300			22,145 B.C.
-163	72:105	>30,000			
-169	72:101	5300 ± 300			3345 B.C.
-169C	72:101	5075 ± 200			3120 B.C.
-170	72:102	4250 ± 175			2295 B.C.
-170C	72:102	5260 ± 260			3305 B.C.
-170F	72:102	7130 ± 600			5175 B.C.
-171	72:102	>30,000			
-171C	72:102	>30,000			
-171F	72:102	>30,000			
-172	72:99	11,180 ± 550			9225 B.C.
-172C	72:99	11,380 ± 400			9425 B.C.
-173	72:99	22,750 ± 1500			20,795 B.C.
-173C	72:99	22,000 ± 1000			20,045 B.C.
-176	72:105	21,900 ± 800			19,945 B.C.
-176C	72:105	25,900 ± 1850			23,945 B.C.
-177	72:105	>30,000			
-177C	72:105	>30,000			
-339	72:107	550 ± 220			A.D. 1405
-340	72:107	1900 ± 220			A.D. 55
-341	72:107	4350 ± 250			2395 B.C.
-342	72:107	6200 ± 300			4245 B.C.
-344	72:108	4000 ± 250			2045 B.C.
-345	72:108	7700 ± 600			5745 B.C.
-346	72:108	8450 ± 450			6495 B.C.
-347	72:108	8950 ± 350			6995 B.C.
-348	72:108	1500 ± 200			A.D. 455
-349	72:108	3800 ± 200			1845 B.C.
-350	72:108	6150 ± 200			4195 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
-352	72:110	1350 $\pm$ 500			A.D. 605
-353	72:110	3400 $\pm$ 600			1445 B.C.
-354	72:110	5250 $\pm$ 800			3295 B.C.
-355	72:110	5300 $\pm$ 800			3345 B.C.
-356	72:110	6400 $\pm$ 900			4445 B.C.
-357	72:107	2100 $\pm$ 300			145 B.C.
-358	72:107	5100 $\pm$ 550			3145 B.C.
-359	72:107	8900 $\pm$ 2000 -1500			6945 B.C.
-360	72:107	9300 $\pm$ 1300			7345 B.C.
-361	72:107	9800 $\pm$ 350			7845 B.C.
-362	72:107	6100 $\pm$ 800			4145 B.C.
-363	72:107	6500 $\pm$ 300			4545 B.C.
-364	72:106	3120 $\pm$ 220			1165 B.C.
-365	72:106	4950 $\pm$ 350			2995 B.C.
-366	72:106	7880 $\pm$ 520			5925 B.C.
-367	72:106	12,180 $\pm$ 620			10,225 B.C.
-368	72:106	>30,000			
-369	72:106	11,950 $\pm$ 650			9995 B.C.
-370	72:106	27,700 $\pm$ 3400 -2300			25,745 B.C.

<sup>1</sup> Reference standard: Hackberry wood grown about 1940,  $\delta C^{14} = 94.6 \pm 1.2\%$  NBS oxalic-acid standard.

### Salisbury, Rhodesia, University College, Department of Chemistry

Laboratory number	Published reference	Original date or other value	Corrected date or other value	$\delta C^{14}, \text{‰}$	A.D./B.C. date
SR-1	123:32	740 $\pm$ 100			A.D. 1210
-2	123:32	1010 $\pm$ 100			A.D. 940
-3	123:32	560 $\pm$ 100			A.D. 1390
-4	123:32	350 $\pm$ 100			A.D. 1600
-5	123:32	750 $\pm$ 100			A.D. 1200
-6	123:36	$\Delta$ 260	$\Delta$ 260 $\pm$ 10	270 $\pm$ 10	
-7	123:33	>42,000			
-3	123:32	560 $\pm$ 100			40,300 B.C.
-9	123:33	42,200 $\pm$ 2300			40,300 B.C.
-10	123:33	21,700 $\pm$ 400			19,750 B.C.
-11	123:33	15,800 $\pm$ 200			13,850 B.C.
-12	123:33	9400 $\pm$ 100			7450 B.C.
-13	123:33	7690 $\pm$ 140			5740 B.C.
-14	123:34	7610 $\pm$ 110			5660 B.C.
-15	123:34	1220 $\pm$ 100			A.D. 730
-17	123:34	1650 $\pm$ 100			A.D. 300
-24	123:35	1930 $\pm$ 100			A.D. 20
-25	123:34	650 $\pm$ 120			A.D. 1300
-26	123:35	1420 $\pm$ 120			A.D. 530
-28	123:35	800 $\pm$ 100			A.D. 1150
-32	123:34	1100 $\pm$ 100			A.D. 850
-33	123:35	1110 $\pm$ 100			A.D. 840
-34	123:35	5200 $\pm$ 140			3250 B.C.
-35	123:34	280 $\pm$ 90			A.D. 1670
-36	123:35	720 $\pm$ 120			A.D. 1230
-37	123:35	800 $\pm$ 90			A.D. 1150
-38	123:34	1050 $\pm$ 100			A.D. 900
-39	123:33	35,530 $\pm$ 780			33,580 B.C.