

**Texas A & M University, Department of  
Oceanography and Meteorology**

Laboratory number	Published reference	Original date or other value	Corrected date or other value	$\delta C^{14}, \text{‰}$	A.D./B.C. date
TAM-1 <sup>1</sup>	135:190	10,820 ± 190			8870 B.C.
-2 <sup>2</sup>	135:190	5925 ± 275			3975 B.C.
-3 <sup>3</sup>	135:190	4815 ± 250			2865 B.C.
-4	135:191	1500 ± 500			A.D. 450
-5	135:191	17,710 ± 500			15,760 B.C.
-6	135:191	10,220 ± 300			8270 B.C.
-7	135:191	13,320 ± 200			11,370 B.C.
-8	135:191	Modern			
-9	135:191	5200 ± 170			3250 B.C.
-10	135:192	3570 ± 200			1620 B.C.
-11	135:192	3925 ± 150			1975 B.C.
-12	135:192	3470 ± 1000			1520 B.C.
-13	135:192	3150 ± 380			1200 B.C.
-14	135:192	1385 ± 200			A.D. 565
-15	135:193	1855 ± 160	500 ± 160 b <sup>4</sup>		A.D. 1450
-33	135:192	10,930 ± 170			8980 B.C.

<sup>1</sup> Same measurement reported also as Tx-1 (not a cross-check). Cross-check is W-723.

<sup>2</sup> Same measurement reported also as Tx-2 (not a cross-check). Cross-check is W-859.

<sup>3</sup> Cross-check: W-823.

<sup>4</sup> Calculated by subtracting apparent age of modern seal, TAM-14.

**Texas Bio-Nuclear (Kaman Instruments Co.)<sup>1</sup>**

Laboratory number	Published reference	Original date or other value	Corrected date or other value	$\delta C^{14}, \text{‰}$	A.D./B.C. date
TBN-304-2	106:57	6282 ± 229			4332 B.C.
-306-3	106:58	2191 ± 264			241 B.C.
-307-1	106:57	17,756 ± 358			15,806 B.C.
-307-2	106:57	18,612 ± 347			16,662 B.C.
-310-1	106:59	4016 ± 118			2066 B.C.
-310-2	106:59	3414 ± 118			1464 B.C.
-310-3	106:59	4155 ± 153			2205 B.C.
-311	106:59	4952 ± 304			3002 B.C.
-313-1	106:60	1170 ± 70			A.D. 780
-313-2	106:60	1350 ± 70			A.D. 600
-313-3	106:60	1340 ± 60			A.D. 610
-315-1	106:60	1423 ± 136			A.D. 527
-315-2	106:60	503 ± 70			A.D. 1447
-319	106:58	7340 ± 140			5390 B.C.
-320-2	106:61	985 ± 50			A.D. 965
-322	106:58	4650 ± 70			2700 B.C.

<sup>1</sup> The laboratory is now closed; dates are reprinted as published in ref. 106, without further scrutiny. Standard was 0.95 x NBS oxalic acid.

**Tata Institute of Fundamental Research**

Laboratory number	Published reference	Original date or other value	Corrected date or other value	$\delta C^{14}, \text{‰}$	A.D./B.C. date
TF-10	116:279	2580 ± 100			630 B.C.
-13	116:279	3690 ± 125			1740 B.C.
-14	173:292	3860 ± 340			1910 B.C.
-15	116:279	3390 ± 105			1440 B.C.
-18	116:276	190 ± 90			A.D. 1760
-19	116:277	3650 ± 135			1700 B.C.
-22	116:277	3845 ± 110			1895 B.C.