

RADIOCARBON CALIBRATION PROGRAM*

CALIB REV7.1.0

Copyright 1986-2015 M Stuiver and PJ Reimer

*To be used in conjunction with:

Stuiver, M., and Reimer, P.J., 1993, Radiocarbon, 35, 215-230.

Annotated results (text) - -

Export file - c14res.csv

UCIAMS-153881 ULA-5219

(wood from hockey stick)

Radiocarbon Age 90 +/- 20 BP

Calibration data set: intcal13.14c		# Reimer et al. 2013
% area enclosed	cal AD age ranges	relative area under probability distribution
68.3 (1 sigma)	cal AD 1698- 1723	0.323
	1816- 1834	0.217
	1878- 1916	0.460
95.4 (2 sigma)	cal AD 1694- 1727	0.272
	1812- 1919	0.728
Median Probability:	1843	

References for calibration datasets:

Reimer PJ, Bard E, Bayliss A, Beck JW, Blackwell PG, Bronk Ramsey C, Buck CE

Cheng H, Edwards RL, Friedrich M, Grootes PM, Guilderson TP, Haflidason H,

Hajdas I, HattÄ© C, Heaton TJ, Hogg AG, Hughen KA, Kaiser KF, Kromer B,

Manning SW, Niu M, Reimer RW, Richards DA, Scott EM, Southon JR, Turney CSM,

van der Plicht J.

IntCal13 and MARINE13 radiocarbon age calibration curves 0-50000 years calBP

Radiocarbon 55(4). DOI: 10.2458/azu_js_rc.55.16947

Comments:

* This standard deviation (error) includes a lab error multiplier.

** 1 sigma = square root of (sample std. dev.^2 + curve std. dev.^2)

** 2 sigma = 2 x square root of (sample std. dev.^2 + curve std. dev.^2)

where ^2 = quantity squared.

[] = calibrated range impinges on end of calibration data set

0* represents a "negative" age BP

1955* or 1960* denote influence of nuclear testing C-14

NOTE: Cal ages and ranges are rounded to the nearest year which may be too precise in many instances. Users are advised to round results to the nearest 10 yr for samples with standard deviation in the radiocarbon age greater than 50 yr.