

Notes on Radiocarbon Dates

Radiocarbon dates are not exactly equivalent with calendar dates. Radiocarbon dates can be corrected to more closely match calendar dates using the tree-ring calibration curve developed by Stuiver et al. (1998). In this volume some authors have used calibrated dates and some have used uncalibrated dates. Further confusion is created by citations of older dates determined before calibration curves were developed.

With uncalibrated C-14 dates younger than about 3000 BP the correction based on tree-ring calibration is insignificant for most purposes and frequently falls within the one sigma standard deviation shown by the \pm figure given as part of the date. As such, no attempt at correcting dates younger than 3000 radiocarbon years BP has been attempted in this volume.

With uncalibrated C-14 dates older than 3000 BP a calibrated date rounded off to the nearest century has been added in brackets [cal] following the uncalibrated date. All dates are given in BP (before the present) meaning before AD 1950.

Radiocarbon Age	Calibrated Age	Radiocarbon Age	Calibrated Age
1000 BP	930 cal BP	9000 BP	10,190 cal BP
2000 BP	1940 cal BP	10,000 BP	11,400 cal BP
3000 BP	3180 cal BP	11,000 BP	13,000 cal BP
4000 BP	4490 cal BP	12,000 BP	14,060 cal BP
5000 BP	5730 cal BP	13,000 BP	15,630 cal BP
6000 BP	6820 cal BP	14,000 BP	16,790 cal BP
7000 BP	7810 cal BP	15,000 BP	17,940 cal BP
8000 BP	8870 cal BP	16,000 BP	19,090 cal BP

Calibrated ages based on Stuiver, M., J. Reimer, J.W. Beck, G.S. Burr, K.A. Hughen, B. Kromer, F.G. McCormack, J. Plicht, and M. Spurk. 1998 INTCAL 98 radiocarbon age calibration, 24,000 to 0 cal BP. *Radiocarbon* 40:1041-83.