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Author Correction: Solar superstorm of AD 774 recorded subannually by Arctic tree rings

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The authors became aware of a mistake in the data displayed in Fig. 1 and Supplementary Table 2 of the original version of the Article. Specifically, the ¹⁴C production values were printed out in the code before the conversion between the omnidirectional fluence and the flux. As a consequence, the values of the ¹⁴C production in Fig. 1 and Supplementary Table 2 were too high by a factor of $4 \times \pi = 12.566$.

As a result of this, the following changes have been made to the originally published version of this Article:

In the original version of Fig. 1, the labels on the colour scale bar were incorrect. The previous incorrect version read, from top to bottom ‘1.40E + 03, 3.25E + 03, 8.00E + 03, 2.70E + 04, 6.00E + 04, 1.50E + 05, 1.75E + 06, 8.50E + 06, 5.25E + 07, 1.80E + 08, 2.29E + 08’. The corrected figure replaces these with, from top to bottom ‘1.11E + 02, 2.59E + 02, 6.37E + 02, 2.15E + 03, 4.77E + 03, 1.19E + 04, 1.39E + 05, 6.76E + 05, 4.18E + 06, 1.43E + 07, 1.82E + 07’.

In the original version of Supplementary Table 2, the values in the second column were incorrect. The correct version of Supplementary Table 2 is:

which replaces the previous incorrect version:

R_c (GV)	¹⁴ C production (atoms/cm ²)	R_c (GV)	¹⁴ C production (atoms/cm ²)
0	1.82E + 07	0	2.29E + 08
0.2	1.82E + 07	0.2	2.29E + 08
0.7	1.43E + 07	0.7	1.80E + 08
1.4	4.18E + 06	1.4	5.25E + 07
2.4	6.76E + 05	2.4	8.50E + 06
3.5	1.39E + 05	3.5	1.75E + 06
6.1	1.19E + 04	6.1	1.50E + 05
7.5	4.77E + 03	7.5	6.00E + 04
8.9	2.15E + 03	8.9	2.70E + 04
11.7	6.37E + 02	11.7	8.00E + 03
14.1	2.59E + 02	14.1	3.25E + 03
17.0	1.11E + 02	17.0	1.40E + 03

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This has been corrected in both the PDF and HTML versions of the Article. This error does not affect the main result, original discussion or conclusions of the Article.

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