

Correction to “Relativistic nucleon and electron production in the 28 October 2003 solar event”

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[1] In the paper “Relativistic nucleon and electron production in the 28 October 2003 solar event” by L. I. Miroshnichenko, K.-L. Klein, G. Trottet, P. Lantos, E. V. Vashenyuk, Y. V. Balabin, and B. B. Gvozdevsky (*Journal of Geophysical Research*, *110*, A09S08, doi:10.1029/2004JA010936, 2005), unfortunately, due to some technical reasons the authors omitted one important column in Table 1 and gave incorrect description of this table. Below are given slightly changed text to the page 5 and corrected version of Table 1.

[2] “We employed two methods to estimate the onset time: visual estimate of the time when the count rates distinctly exceeded the background (column 7), fit of the early rise by an exponential and evaluation of the intersection with the computed preevent background (column 8, see *Miroshnichenko et al.* [2005] for details). Large onset time uncertainties refer to monitors where the count rates rise slowly. As expected, the onset time from visual inspection (column 7) is in general close to the upper limit of the value derived from the exponential fit (column 8).”

Table 1. Onset Times of the GLE Measured by Different Neutron Monitors

Stations	Location	Altitude, m	R_c (GV)	Sun’s Zenith Distance	Peak Intensity, %	Onset Time (Vis. Insp.), UT	Onset Time (Extrapol.), UT
Tsumeb	20°S 18°E	1240	9.21	11°	5	1105 ± 1	1104 ± 1
South Pole	90°S 00°E	2820	0.09	77°	18	1120 ± 1	1107 ± 6
McMurdo	80°S 167°E	48	0.00	88°	47	1118 ± 1	1111 ± 3
Norilsk	69°N 88°E	0	0.58	99°	25	1112 ± 1	1112 ± 1
Moscow	57°N 37°E	200	2.40	73°	15	1114 ± 1	1112 ± 3
Terre Adelie	67°S 140°E	32	0.00	93°	29	1112 ± 1	1112 ± 8