“VOLCANIC DUST AND OTHER FACTORS IN THE PRODUCTION OF CLIMATIC CHANGES AND THEIR POSSIBLE RELATION TO ICE AGES.”

A CORRECTION.

The Editor, JOURNAL OF THE FRANKLIN INSTITUTE:

DEAR SIR:

Allow me to ask that you kindly note the following
errata in my recent article on volcanic dust:

Page	for	write
137, line 4 from top	“ brothers ”	cousins
138, line 10 from top	“	“
140, line 12 from top	“	“
142, equation 1	$\left(l + \frac{B}{rp}\right)$	$\left(1 + \frac{B}{rp}\right)$
142, middle of page	$\left(l + A\frac{l}{r}\right)$	$\left(1 + A\frac{l}{r}\right)$
148, line 19 from bottom	“ otherwise ”	other kind
162, line 4 from bottom	“ spot minima ”	spot maxima
168, second equation from top	“ 34×10^4 ”	$34 \pi 10^4$

In regard to the viscosity of dry air, it has just been
shown by Millikan (*Ann. der Phys.*, 9, p. 759, 1913) that
at the absolute temperature T

$$M_T = \frac{150.387^{\frac{1}{2}}}{T + 124} \times 10^{-7}$$

According to this equation, page 143 should be corrected
as follows:

$$M_{-55} = 1416 \times 10^{-7}$$

Velocity and time of fall.

Height in kilometres	Barometric pressure	Centimetres per second	Seconds per centimetre
40	1.84	1.0214	0.979
30	8.63	0.2414	4.143
20	40.99	0.0745	13.427
15	89.66	0.0503	19.874
11	168.00	0.0408	24.492
0	760.00	0.0259	38.603

While all the foregoing corrections are desirable, they do
not affect the argument nor alter in the least any of the
conclusions.

Yours truly,

W. J. HUMPHREYS.