# GENERAL RESULTS

OF THE

# OBSERVATIONS

IN

# MAGNETISM AND METEOROLOGY,

MADE AT

# MAKERSTOUN IN SCOTLAND,

IN THE OBSERVATORY OF


## GENERAL SIR THOMAS MAKDOUGALL BRISBANE, BART.,

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AND CORRESPONDING MEMBER OF THE INSTITUTE OF FRANCE,


## WITH DETAILED TABLES OF RESULTS

## FOR THE YEARS 1845 AND 1846.


FORMING VOL. IX. PART II. OF THE TRANSACTIONS OF THE ROYAL SOCIETY OF EDINBURGH.



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## CORRIGENDA IN THIS VOLUME OF GENERAL RESULTS.

Page xvi., Table 6, heading of last column, *for* mean *read* year
— 21, Table xxxviii., column "March" mean for $22^h$, *for* 448·5 *read* 548·5
— 22, Table xxxix., column "Winter" mean for $10^h$, *for* 0008 *read* 0036
— 33, Heading of page, *for* Magnetic Declination *read* Horizontal Component of Magnetic Force

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## CORRIGENDA IN THE VOLUME OF OBSERVATIONS FOR 1845 AND 1846.

Page 111, column "Gött. Mean Time," *for* October $1^d$ $5^h$ *read* October $1^d$ $17^h$
— 116, Dec. $3^d$ $11^h$ $40^m$ Declination, *for* 25° 57′·51 *read* 24° 57′·51
— 153, Feb. $14^d$ $18^h$ wet Thermometer, *for* 33°·3 *read* 30°·3
— 153, Feb. $16^d$ $18^h$, wet Thermometer, *for* 36°·5 *read* 35°·5
— 166, March $21^d$ $9^h$, Diff., *for* 1°·4 *read* 2°·4
— 220, Aug. $14^d$ $14^h$, dry Thermometer, *for* 56°·3 *read* 50°·3
— 245, Oct. $21^d$ $13^h$, Barometer, *for* 29·045 *read* 30·045
— 312, 2d division, column "Gött. Mean Time," *for* $2^d$ $2^h$ $0^m$ *read* $5^d$ $2^h$ $0^m$
— 312, column "Gött Mean Time," *for* Sept. $1^d$ $23^h$ $0^m$ *read* $1^d$ $22^h$ $0^m$
— 340, first column, first line, *for* Nov. $17^d$ $8^h$ *read* Nov. $17^d$ $6^h$
— 342, heading of page, *for* 1845 *read* 1846
— 343, last line, *for* Dec. $8^d$ $9^h$ $15^m$ *read* Dec. $9^d$ $9^h$ $15^m$
— 380, June $12^d$ $18^h$, Dry Thermometer, *for* 67°·0 *read* 57°·0

*Note.*—All the *hourly* observations of the bifilar magnetometer, from Dec. $4^d$ $3^h$ 1845 to the end of the year 1845, must be increased one scale division, the correction of −1 scale division (see Introduction, 1845, No. 43) having been accidentally applied twice. All the other Observations were corrected aright, and daily, monthly, and other mean values, are unaffected by the error.

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## CORRIGENDA IN THE VOLUME OF OBSERVATIONS FOR 1844.

Page 342, Table xi., transpose headings "Summer" and "Winter"
— 352, Table xix., first column opposite January, *for* 528 *read* 522
— 404, 3d line from bottom, *for* 36°·63 *read* 35°·63.
— 424, 2d line after Table xxiii., *for* Range =6·774 in. *read* Range =1·774 in.

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## CORRIGENDA IN THE VOLUME OF OBSERVATIONS FOR 1843.

Page 61, 4th line from bottom, *for* April $7^d$ $14^h$ $0^m$ *read* April $6^d$ $14^h$ $0^m$
— 241, last line, *for* 0·00003 *read* 0·000030
— 276, Table xv., mean for Jan. 31, *for* 28·316 *read* 29·316
— 276, Table xv., mean for June 3, *for* 26·189 *read* 29·189

MAKERSTOUN, *May* 1850.