

TRANSACTIONS  
OF THE  
ROYAL SOCIETY

EDINBURGH

VOL. XLIII.

THE BEN NEVIS OBSERVATIONS  
1893-1897

EDITED BY  
ALEXANDER BUCHAN, LL.D., F.R.S., AND  
ROBERT TRAILL OMOND.

EDINBURGH:  
PUBLISHED BY ROBERT GRANT & SON, 107 PRINCES STREET,  
AND WILLIAMS & NORGATE, 14 HENRIETTA STREET, COVENT GARDEN, LONDON.

MDCCCXCV.

*Price Two Guineas.*

TRANSACTIONS  
OF THE  
ROYAL SOCIETY  
OF  
EDINBURGH.

VOL. XLIII.

---

EDINBURGH:  
PUBLISHED BY ROBERT GRANT & SON, 107 PRINCES STREET,  
AND WILLIAMS & NORGATE, 14 HENRIETTA STREET, COVENT GARDEN, LONDON.

MDCCCXCV.

THE  
METEOROLOGY  
OF THE  
BEN NEVIS OBSERVATORIES.

PART III.

CONTAINING THE OBSERVATIONS FOR THE YEARS  
1893, 1894, 1895, 1896 AND 1897, WITH APPENDIX.

EDITED BY  
ALEXANDER BUCHAN, LL.D., F.R.S., AND  
ROBERT TRAILL OMOND.

FORMING VOLUME XLIII. OF  
THE TRANSACTIONS OF THE ROYAL SOCIETY OF EDINBURGH.

EDINBURGH:  
PUBLISHED BY ROBERT GRANT & SON, 107 PRINCES STREET,  
AND WILLIAMS & NORGATE, 14 HENRIETTA STREET, COVENT GARDEN, LONDON.

---

MDCCCXCV.

## CONTENTS.

---

	PAGE
Explanation of the Tables, . . . . .	1
Observations for the Year 1893, . . . . .	2
"    "    1894, . . . . .	100
"    "    1895, . . . . .	192
"    "    1896, . . . . .	284
"    "    1897, . . . . .	378
Depth of Snow on Ben Nevis, . . . . .	471
Anemometer Readings, . . . . .	472
Mean Values at the Ben Nevis and Fort-William Observatories, . . . . .	481

### APPENDIX—

The Inter-relations of Barometric Pressure, Temperature, Humidity, Rainfall, Cloud, Sunshine, and Wind, illustrated by the Observations made at the two Ben Nevis Observatories. (First Paper.) By ALEXANDER BUCHAN, LL.D., F.R.S., . . . . .	505
Report on Hygrometric Researches mainly at the Ben Nevis Observatories. By A. J. HERBERTSON, M.A., Ph.D., . . . . .	529