

INDEX

	<i>Pages</i>
January	1–36
February	37–64
March	65–88
April	89–120
May	121–148
June	149–184

	<i>Pages</i>
July	185–220
August	221–252
September	253–292
October	293–324
November	325–364
December	365–396

- Abbott, P. F. and Tabony, R. C.; The estimation of humidity parameters, 49
- Air mass characteristics above Athens during snowfall; N. G. Prezerakos, 365
- Analysis of extreme rainfalls observed in Jersey; A. P. Butler, Jennifer D. Grundy and B. R. May, 383
- Applications of wave and surge models; J. J. Ephraums, 282
- Armstrong, R. J., see Rawlins and Armstrong
- Atkins, Margaret J. and Woodage, Margaret J.; Observations and data assimilation, 227
- Blackwell, Mr M. J., Retirement of, 185
- Books received, 35, 88, 147, 183, 321, 396
- Boyack, Catherine F.; Investigation of the effect of length of record upon extreme values, 100
- Broomfield, C. S.; Synoptic observations from Portland Bill, 56
- Browning, Dr K. A., FRS, awarded the Jule G. Charney Award, 148
- Browning, K. A.; Conceptual models of precipitation systems, 293
- Browning, K. A., Eccleston, A. J. and Monk, G. A.; The use of satellite and radar imagery to identify persistent shower bands downwind of the North Channel, 325
- Butler, A. P., Grundy, Jennifer D. and May, B. R.; An analysis of extreme rainfalls observed in Jersey, 383
- Chillingworth, H. D., awarded the British Empire Medal, 88
- Climatic impact of explosive volcanic eruptions; D. E. Parker, 149
- Conceptual models of precipitation systems; K. A. Browning, 293
- Conference on the Global Weather Experiment; A. J. Gadd, 358
- Davies, Sir Arthur, awarded International Meteorological Organization Prize, 23
- Eccleston, A. J., see Browning, Eccleston and Monk
- Ephraums, J. J.; Applications of wave and surge models, 282
- Estimation of humidity parameters; P. F. Abbott and R. C. Tabony, 49
- Exeter temperatures: monthly means from 1840 to 1984; R. F. M. Hay, 332
- Eyre, J. R., see Turner, Eyre, Jerrett and McCallum
- Field investigations of radiation fog formation at outstations; J. Findlater, 187
- 15-level weather prediction model; A. J. Gadd, 222
- 50 years ago, 179
- File, R. F.; Forecasting visibility over southern England in polluted easterly airstreams, 13
- Findlater, J.; Field investigations of radiation fog formation at outstations, 187
- Flood, C. R.; Forecast evaluation, 254
- Forecast evaluation; C. R. Flood, 254
- Forecasting visibility over southern England in polluted easterly airstreams; R. F. File, 13
- Fraas, L.; Comments on 'Large hail over north-west England, 7 July 1983', *letter*, 61
- Francis, P. E.; Output products of the Bracknell numerical weather prediction models, 242
- Francis, P. E.; Sea surface wave and storm surge models, 234
- Gadd, A. J.; A conference on the Global Weather Experiment, 358
- Gadd, A. J.; The 15-level weather prediction model, 222
- Gavine, D. M.; Noctilucent clouds over western Europe during 1984, 349
- Gill, Dr A. E., awarded the Charles Chree Medal, 148
- Goldsmith, P., appointment at European Space Agency, 361
- Gray, D. E., see Saunders and Gray
- Grundy, Jennifer D., see Butler, Grundy and May
- Hardman, M. E., The use of 15-level model products in the Central Forecasting Office for forecasts for civil aviation, 273
- Hay, R. F. M.; Exeter temperatures: monthly means from 1840 to 1984, 332
- HERMES system; J. Turner, J. R. Eyre, D. Jerrett and E. McCallum, 161
- Hide, R., see Reviews, 146, 321
- History of the Meteorological Office at Gibraltar; D. Hyde, 343
- HOMS — The World Meteorological Organization Commission for Hydrology Operational Multipurpose Sub-programme; B. R. May, 357
- Hough, M. N., see Reviews, 62
- How the meteorological reconnaissance flights began; E. B. Kraus, 24
- Hunt, R. D., The models in action, 261
- Hyde, D.; The history of the Meteorological Office at Gibraltar, 343
- Instrumentation at Eskdalemuir Observatory; W. K. Young, 202
- Interesting cloud features seen by NOAA-6 3.7 micrometre images; R. W. Saunders and D. E. Gray, 211
- International seminar on building climatology; M. J. Prior, 360

- Investigation of the effect of length of record upon extreme values; Catherine F. Boyack, 100
- Jerrett, D., see Turner, Eyre, Jerrett and McCallum
- Jonas, P. R., see Reviews, 362
- Kraus, E. B., How the meteorological reconnaissance flights began, 24
- L. G. Groves Memorial Prizes and Awards, 215
- Last remaining serving wearer of the 'M' brevet leaves the RAF, 30
- Lewis, R. P. W., see Reviews, 364
- Lewis, R. P. W.; The use by Meteorological Office of decyphered German meteorological data during the Second World War, 113
- McCallum, E., see Turner, Eyre, Jerrett and McCallum
- May, B. R., see Butler, Grundy and May
- May, B. R.; HOMS — The World Meteorological Organization Commission for Hydrology Operational Multipurpose Sub-programme, 357
- May, B. R.; World Meteorological Organization Commission for Hydrology (CHy) Seventh Session, Geneva, 27 August–7 September 1984, 119
- Meteorological Magazine: Editorial Board, 65
- Meteorological reconnaissance flights; R. J. Ogden, 108
- Mitchell, J. F. B., see Reviews, 31
- Models in action; R. D. Hunt, 261
- MOLARS goes on-line, 30
- Monk, G. A., see Browning, Eccleston and Monk
- Noctilucent clouds over western Europe during 1984; D. M. Gavine, 349
- Obituary notices
- Farley, Mike, 323
- Jones, Captain J. H., 220
- Powell, Thelma Patricia, 184
- Stirland, Eric, 148
- Observations and data assimilation; Margaret J. Atkins and Margaret J. Woodage, 227
- Ogden, R. J.; Meteorological reconnaissance flights, 108
- Ogden, R. J.; Smoke-screens — the early years, 173
- 100 years ago, 142
- Operational numerical forecasting: evaluation and applications, 253
- Operational numerical forecasting: models and products, 221
- Output products of the Bracknell numerical weather prediction models; P. E. Francis, 242
- Parker, D. E.; Climatic impact of explosive volcanic eruptions, 149
- Parker, D. E., see Reviews, 63
- Perry, A. H., see Reviews, 120
- Pothecary, I. J. W., see Reviews, 181
- Preparation of data for the Meteorological Office operational 15-level forecast model; Margaret J. Woodage, 1
- Prezerakos, N. G.; Air mass characteristics above Athens during snowfall, 365
- Prior, M. J.; An international seminar on building climatology, 360
- Rawlins, F. and Armstrong, R. J.; Recent measurements of broad-band turbidity in the United Kingdom, 89
- Readings, C. J.; The use of aircraft to study the atmosphere: the Hercules of the Meteorological Research Flight, 66
- Recent measurements of broad-band turbidity in the United Kingdom; F. Rawlins and R. J. Armstrong, 89
- Retirement
- Blackwell, M. J., 185
- Smith, C. V., 178
- Reviews
- Absorption and emission by atmospheric gases: the physical processes*, Earl J. McCartney (A. F. Tuck), 35
- Atmospheric chemistry: Report of the Dahlem Workshop on Atmospheric Chemistry, Berlin 1982, May 2–7*, ed. E. D. Goldberg (A. F. Tuck), 34
- Atmospheric electrodynamics*, Hans Volland (R. Hide), 321
- Carbon dioxide: current views and developments in energy climate research*, eds W. Bach, A. J. Crane, A. L. Berger and A. Longhetto (C. A. Wilson), 32
- Climatic changes on a yearly to millennial basis*, eds N. A. Mörner and W. Karlen (A. H. Perry), 120
- Climate of Europe: past, present and future*, eds Hermann Flohn and Roberto Fantechi (R. C. Tabony), 86
- Dynamics of the middle atmosphere*, eds R. Holton and T. Matsuno (R. Hide), 146
- Land surface processes in atmospheric general circulation models*, ed. P. S. Eagleson (P. R. Rowntree), 144
- Looking at weather*, Ingrid Holford (H. Wilson), 320
- Milankovitch and climate*, eds A. Berger, J. Imbrie, G. Kukla and B. Saltzman (D. E. Parker), 63
- New views on an old planet*, Tjeerd H. van Andel (R. P. W. Lewis), 364
- Nuclear winter*, Mark A. Harwell (A. Slingo), 361
- Our threatened climate: ways of averting the CO₂ problem through rational energy use*, ed. Wilfred Bach (J. F. B. Mitchell), 31, correction, 148
- Plants and microclimate: a quantitative approach to environmental plant physiology*, Hamlyn G. Jones (M. N. Hough), 62
- Principles of remote sensing*, P. J. Curran (R. W. Saunders), 219
- Prophet — or professor? The life and work of Lewis Fry Richardson*, Oliver M. Ashford (I. J. W. Pothecary), 181
- Recent advances in planetary meteorology*, ed. Garry E. Hunt (P. R. Jonas), 362
- Remote sensing of atmospheres*, J. T. Houghton, F. W. Taylor and C. D. Rogers (J. Turner), 85
- Weather* (second edition), Louis J. Battan (P. G. Wickham), 319
- Rowntree, P. R., see Reviews, 144
- Saunders, R. W., see Reviews, 219
- Saunders, R. W. and Gray, D. E.; Interesting cloud features seen by NOAA-6 3.7 micrometre images, 211
- Sea surface wave and storm surge models, P. E. Francis, 234
- 75 years ago, 61
- Simulation of the earth's radiation budget with the 11-layer general circulation model; A. Slingo, 121
- Slingo, A., see Reviews, 361
- Slingo, A.; Simulation of the earth's radiation budget with the 11-layer general circulation model, 121
- Smith, C. V., Retirement of, 178
- Smoke-screens — the early years; R. J. Ogden, 173

Summer school on mesoscale meteorology, 180
Synoptic observations from Portland Bill; C. S. Broomfield, 56

Tabony, R. C.; The variation of surface temperature with altitude, 37

Tabony, R. C., see Abbott and Tabony

Tabony, R. C., see Reviews, 86

Techniques for forecasting the occurrence of strong winds over the Severn Bridge; K. C. Wright, 78

Tuck, A. F., see Reviews 34, 35

Turner, J., see Reviews, 85

Turner, J., Eyre, J. R., Jerrett, D. and McCallum, E.; The HERMES system, 161

Use by the Meteorological Office of decyphered German meteorological data during the Second World War; R. P. W. Lewis, 113

Use of aircraft to study the atmosphere: the Hercules of the Meteorological Research Flight; C. J. Readings, 66

Use of 15-level model products in the Central Forecasting Office for forecasts for civil aviation; M. E. Hardman, 273

Use of satellite and radar imagery to identify persistent shower bands downwind of the North Channel; K. A. Browning, A. J. Eccleston and G. A. Monk, 325

Variation of surface temperature with altitude; R. C. Tabony, 37

Weather information in the Shetland Isles, 144

Wickham, P. G., see Reviews, 319

Wilson, C. A., see Reviews, 32

Wilson, H., see Reviews, 320

Woodage, Margaret J., see Atkins and Woodage

Woodage, Margaret J.; The preparation of data for the Meteorological Office operational 15-level forecast model, 1

World Meteorological Organization Commission for Hydrology (CHy) Seventh Session, Geneva, 27 August–7 September 1984; B. R. May, 119

Wright, K. C.; Techniques for forecasting the occurrence of strong winds over the Severn Bridge, 78

Young, W. K.; Instrumentation at Eskdalemuir Observatory, 202

The responsibility for facts and opinions expressed in the signed articles and letters published in this magazine rests with their respective authors.

Published for the Meteorological Office by Her Majesty's Stationery Office
© *Crown copyright* 1985