

INDEX

	<i>Pages</i>		<i>Pages</i>
January	1–32	July	193–220
February	33–60	August	221–252
March	61–96	September	253–288
April	97–128	October	289–316
May	129–160	November	317–348
June	161–192	December	349–380

<p>Ailsa Craig Experiment, 250, <i>photographs between</i> 236 and 237</p> <p>Aircraft measurements in the GARP Atlantic Tropical Experiment; J. M. Nicholls, 349</p> <p>Appointment of the Director-General as Pro-Chancellor of the University of Surrey, 192</p> <p>Archiving and quality control of climatological data; G. W. Bryant, 309</p> <p>Aspects of tropospheric structure over the Bay of Bengal during active and break monsoon over India in August 1977; M. G. Hamilton, 253</p> <p>Atkinson, B. W., see Reviews, 217</p> <p>AUTOPREP—the Meteorological Office data preparation and telecommunication terminal for use at Collecting Centres; C. E. Goodison and R. J. Sowden, 77, <i>photograph facing</i> 78</p> <p>Awards to the Director-General, 60, 160</p> <p>Axford, D. N.; The use of automatic weather stations in the observational network of the United Kingdom, 1, <i>photographs between</i> 16 and 17</p> <p>Blizzard of 18–19 February 1978 in south-west England and South Wales; Joyce Laing, 119</p> <p>Bourke, Dr P. M. A., 128</p> <p>Bridge, G. C.; Diurnal variations of temperature and wind in the 25–65 km region of the equatorial stratosphere, 367</p> <p>Brief historical note on the formulation of Buys Ballot's Law, 248</p> <p>Brown, A. A.; The clearance of persistent fog, 201</p> <p>Browning, K. A.; The FRONTIERS plan: a strategy for using radar and satellite imagery for very-short-range precipitation forecasting, 161</p> <p>Browning, K. A.; Special merit promotion to Deputy Chief Scientific Officer, 379</p> <p>Bryant, G. W.; Archiving and quality control of climatological data, 309</p> <p>Bryant, G. W.; Quality control of anemograph data, 260</p> <p>Carson, D. J., see Reviews, 286</p> <p>Clearance of persistent fog; A. A. Brown, 201</p> <p>Climatic variations: facts and causes, Erice, Sicily, 9–12 March 1980, 252, <i>change of title</i> 380</p> <p>Concerning general circulation models; A. Gilchrist, 35, <i>correction</i> 160</p> <p>Cotton, H.; Memoirs of an Army Meteorologist, (Part 1) 241, (Part 2) 276, (Part 3) 341</p> <p>Court, M. N., see Jones, Tinsley and Court</p>	<p>Distinction between weather and climate; B. J. Mason, 211</p> <p>Diurnal variations of temperature and wind in the 25–65 km region of the equatorial stratosphere; G. C. Bridge, 367</p> <p>Dutton, M. J. O.; Performance of conventional operational forecasts of clear-air turbulence during the 1976 Turbulence Survey, 61</p> <p>Effect of altitude on soil temperature; F. H. W. Green and R. J. Harding, 81</p> <p>Eighteenth century rainfall record at Shirburn Castle, Oxfordshire; C. G. Smith, 52</p> <p>European Association of Remote Sensing Laboratories (Council of Europe), 380</p> <p>First GARP Global Experiment; A. Gilchrist, 129</p> <p>Forecasting for the construction and tow of the Ninian Field Platform; O. M. Hull, 193, Appendix by R. M. Morris, 200</p> <p>FRONTIERS plan: a strategy for using radar and satellite imagery for very-short-range precipitation forecasting; K. A. Browning, 161</p> <p>Gadd, A. J.; The lower boundary condition in the 10 level model, 267</p> <p>Gilchrist, A.; Concerning general circulation models, 35, <i>correction</i> 160</p> <p>Gilchrist, A.; The First GARP Global Experiment, 129</p> <p>Golding, B. W., see Reviews, 249</p> <p>Goodison, C. E. and Sowden, R. J.; AUTOPREP—the Meteorological Office data preparation and telecommunication terminal for use at Collecting Centres, 77, <i>photograph facing</i> 78</p> <p>Graystone, P., see Reviews, 93</p> <p>Green, F. H. W. and Harding, R. J.; The effect of altitude on soil temperature, 81</p> <p>Groves, Major K. G., O.B.E., J.P., M.A., LL.M.; <i>obituary</i>, 316</p> <p>Hallissey, Mary, see McIntosh and Hallissey</p> <p>Hamilton, M. G.; Aspects of tropospheric structure over the Bay of Bengal during active and break monsoon over India in August 1977, 253</p> <p>Harding, R. J., see Green and Harding</p> <p>Hinds, Mavis K.; Studies of residence times of chloro-fluorocarbons using a two-dimensional model, 221</p>
---	--

- Hull, O. M.; Forecasting for the construction and tow of the Ninian Field Platform, 193, Appendix by R. M. Morris, 200
- Hunt, R. D.; Meteorological Office participation in exhibitions, 213
- International Conference on Climate and History, University of East Anglia, 8–14 July 1979; D. E. Parker, 376
- International Conference on Meteorology and Oceanography in The Hague; R. M. Morris, 153
- Jones, R. J. A., Tinsley, J. and Court, M. N.; Mesoclimatic studies in the Upper Don Basin, Aberdeenshire, 309
- King, E. G. E.; The northerly gales of 11–12 January 1978, 135
- L. G. Groves Memorial Prizes and Awards, 92, *photographs between* 78 and 79
- Laing, Joyce; The blizzard of 18–19 February 1978 in south-west England and South Wales, 119
- Lewis, R. P. W., see Reviews, 159, 380
- Lightning near Godalming during the night of 8–9 August 1975, *photographs between* 16 and 17
- Lovett, R. F.; Forecasting for the escape of Scharnhorst and Gneisenau, *letter* (comment on article, Vol. 107, 321–338), 192
- Lower boundary condition in the 10 level model; A. J. Gadd, 267
- McIntosh, D. H. and Hallissey, Mary; Noctilucent clouds over western Europe during 1978, 185
- Mason, B. J.; award of knighthood, 250
- Mason, B. J.; The distinction between weather and climate, 211
- Mason, B. J., see Reviews, 189
- Meaden, G. T.; Tornadoes and the cold front of 3 January 1978, *letter*, 157
- Memoirs of an Army Meteorologist; H. Cotton, (Part 1) 241, (Part 2) 276, (Part 3) 341
- Mesoclimatic studies in the Upper Don Basin, Aberdeenshire; R. J. A. Jones, J. Tinsley and M. N. Court, 289
- Meteorological Magazine, 32, 380
- Meteorological Office participation in exhibitions; R. D. Hunt, 213
- Meteorological services in Malta, 219
- Micrometeorological characteristics of the 1976 hot spell; C. J. Richards, 11, *corrections* 128
- Morris, R. M.; The International Conference on Meteorology and Oceanography in The Hague, 153
- Murphy, A. H., see Winkler and Murphy
- Murray, R., see Reviews, 190
- Nicholass, C. A., see Reviews, 95, 218
- Nicholls, J. M.; Aircraft measurements in the GARP Atlantic Tropical Experiment, 349
- Noctilucent clouds over western Europe during 1978; D. H. McIntosh and Mary Hallissey, 185
- Northerly gales of 11–12 January 1978; E. G. E. King, 135
- Obituary notices
 Baynes, M., 287
 Groves, Major K. G., 316
 Lutt, Miss Patricia, 60
 Oughton, M. C., 287
 Parkhouse, Miss C. A., 128
- On relationships between tropospheric circulation patterns and both the date of spring reversal of stratospheric winds and the strength of stratospheric flow; Janina Pawłowska, 330
- Parker, D. E.; International Conference on Climate and History, University of East Anglia, 8–14 July 1979, 376
- Pawłowska, Janina; On relationships between tropospheric circulation patterns and both the date of spring reversal of stratospheric winds and the strength of stratospheric flow, 330
- Performance of conventional operational forecasts of clear-air turbulence during the 1976 Turbulence Survey; M. J. O. Dutton, 61
- Pick, D. R., see Reviews, 158
- Quality control of anemograph data; G. W. Bryant, 260
- Reece, F. D.; Severe low level turbulence near Cross Fell, 27
- Reopening of forecasting office for the Royal Air Force, 219
- Retirement
 Howkins, G. A., 348
- Reviews
Australian climatic environment, E. Linacre and J. Hobbs (R. P. W. Lewis), 159, 380
Boundary layer climates, T. R. Oke (D. J. Carson), 286
Climate and man's environment, an introduction to applied climatology, J. E. Oliver (B. W. Atkinson), 217
Guinness Book of Weather Facts and Feats, Ingrid Holford (E. A. Spackman), 95
Methods in Computational Physics, Volume 17, General Circulation Models of the Atmosphere, Ed. Julius Chang (P. Graystone) 93
Microphysics of cloud and precipitation, H. R. Pruppacher and J. D. Klett (B. J. Mason), 189
Remote sensing of the atmosphere: inversion methods and applications (Developments in Atmospheric Science 9), Ed. A. L. Fymat and V. E. Zuev (D. R. Pick), 158
Scientific aspects of the 1975–76 drought in England and Wales—a Royal Society discussion, Royal Society of London (R. Murray), 190

- Turbulent fluxes through the sea surface, wave dynamics, and prediction*, Ed. A. Favre and K. Hasselmann (B. W. Golding), 249
- Water data 1976*, Department of the Environment, Water Data Unit (C. A. Nicholass), 95
- Water data 1977*, Department of the Environment, Water Data Unit (C. A. Nicholass), 218
- Richards, C. J.; Micrometeorological characteristics of the 1976 hot spell, 11, *corrections* 128
- Royal Meteorological Society Exhibition 1978, 33, *photographs between* 46 and 47
- Severe low level turbulence near Cross Fell; F. D. Reece, 27
- Smith, C. G.; An eighteenth century rainfall record at Shirburn Castle, Oxfordshire, 52
- Smith, F. B.; Transfer to Special merit Senior Principal Scientific Officer, 379
- Snow Survey of Great Britain, 160
- Solar-cell experiments, 219
- Sowden, R. J., see Goodison and Sowden
- Spackman, E. A., see Reviews, 95
- Spectral and filter analysis of long-period rainfall records in England and Wales; R. C. Tabony, 97
- Storm surge of 11–12 January 1978; J. Townsend, 147
- Studies of residence times of chlorofluorocarbons using a two-dimensional model; Mavis K. Hinds, 221
- Tabony, R. C.; A spectral and filter analysis of long-period rainfall records in England and Wales, 97
- Tinsley, J., see Jones, Tinsley and Court
- Townsend, J.; The storm surge of 11–12 January 1978, 147
- Use of automatic weather stations in the observational network of the United Kingdom; D. N. Axford, 1, *photographs between* 16 and 17
- Use of probabilities in forecasts of maximum and minimum temperatures; R. L. Winkler and A. H. Murphy, 317
- Visit of Her Majesty The Queen to the Meteorological Office, 14 July 1978, 34, *photographs between* 46 and 47
- Wiin-Nielsen, Dr Aksel C.; appointed Secretary-General of the World Meteorological Organization, 251
- Winkler, R. L. and Murphy, A. H.; The use of probabilities in forecasts of maximum and minimum temperatures, 317
- World Climate Conference, 12–23 February 1979, 59

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 1979