

Bibliography from ADS file: bray.bib  
September 14, 2022

- Bray, R. J., Loughhead, R. E., & Durrant, C. J.: 2009, *The Solar Granulation 2009sogr.book*. . . . . B ADS
- Bray, R. J., Cram, L. E., Durrant, C., & Loughhead, R. E.: 2006, *Plasma Loops in the Solar Corona 2006plsc.book*. . . . . B ADS
- Bray, R. J., Cram, L. E., Durrant, C. J., Loughhead, R. E., & Kleczek, J., "Book-Review - *Plasma Loops in the Solar Corona*", 1992SoPh. . . 138. . 423B ADS
- Bray, R. J., Cram, L. E., Currant, C. J., & Loughhead, R. E., "Book-Review - *Plasma Loops in the Solar Corona*", 1991JBAA. . 101R. 300B ADS
- Bray, R. J., Cram, L. E., Durrant, C., & Loughhead, R. E.: 1991b, *Plasma Loops in the Solar Corona 1991plsc.book*. . . . . B ADS
- Bray, R. J., Cram, L. E., Durrant, C. J., & Loughhead, R. E., "Plasma loops in the solar corona.", 1991CAS. . . 18. . . . . B ADS
- Bray, R. J. & Macrae, R. E., "A heat-absorbing prime focus diaphragm for LEST.", 1990LFTR. . . 43. . . . . B ADS
- Bray, R. J., "A computer-controlled triple-Fabry-Perot universal filter for solar research.", 1988LFTR. . . 35. . . . . B ADS
- Bray, R. J. & Loughhead, R. E., "High-Resolution Photography of the Solar Chromosphere. XXIII. Direct Measurement of the Optical Thickness of H-alpha Solar Loops", 1986ApJ. . . 301. . 989B ADS
- Loughhead, R. E., Bray, R. J., & Wang, J. L., "High-resolution photography of the solar chromosphere. XXI Determination of the physical conditions in an H-alpha active-region loop", 1985ApJ. . . 294. . 697L ADS
- Bray, R. J., Loughhead, R. E., Durrant, C. J., & Weiss, N. O., "Book-Review - the Solar Granulation", 1985SoPh. . . 96. . 423B ADS
- Bray, R. J., Loughhead, R. E., Durrant, C. J., & Waddington, W. G., "Book-Review - the Solar Granulation - ED.2", 1985Obs. . . 105. . 18B ADS
- Bray, R. J. & Loughhead, R. E., "High-resolution photography of the solar chromosphere. XX True widths of H-alpha active region loops", 1985A&A. . . 142. . 199B ADS
- Bray, R. J. & Loughhead, R. E., "Book-Review - the Solar Granulation", 1984Sci. . . 226. . 571B ADS
- Bray, R. J., Loughhead, R. E., & Durant, C. J., "Book-Review - the Solar Granulation", 1984AExpr. . . 10. . 39B ADS
- Loughhead, R. E. & Bray, R. J., "High-resolution photography of the solar chromosphere. XIX - Flow velocities along an active region loop", 1984ApJ. . . 283. . 392L ADS
- Bray, R. J., Loughhead, R. E., Durrant, C. J., & Kleczek, J., "Book-Review - the Solar Granulation", 1984Ap&SS. 103. . 410B ADS
- Bray, R. J., "Book-Review - the Solar Granulation - ED.2", 1984Natur. 309R. 477B ADS
- Bray, R. J., Loughhead, R. E., & Durrant, C. J., "Book-Review - the Solar Granulation - ED.2", 1984JBAA. . . 94R. 196B ADS
- Bray, R. J. & Loughhead, R. E., "Isophotes of a large granule", 1984A&A. . . 133. . 409B ADS
- Bray, R. J., Loughhead, R. E., Durrant, C. J.: 1984a, *The solar granulation Durrant 1984cup.book*. . . . . B ADS
- Bray, R. J., Loughhead, R. E., Durrant, C. J., & Nordlund, A., "Book-Review - the Solar Granulation", 1984SSRv. . . 39R. 222B ADS
- Bray, R. J., Loughhead, R. E., & Durrant, C. J., "Book-Review - the Solar Granulation", 1984S&T. . . 68T. 426B ADS
- Bray, R. J., Loughhead, R. E., & Durrant, C. J., "Book-Review - the Solar Granulation", 1984AExpr. . . 1S. . 39B ADS
- Bray, R. J. & Loughhead, R. E., "High-resolution photography of the solar chromosphere. XVI. H-alpha contrast profiles of active region loops.", 1983SoPh. . . 85. . 131B ADS
- Bray, R. J., "The Wavelength Variation of the Granule / Intergranule Contrast", 1982SoPh. . . 77. . 299B ADS
- Bray, R. J., "A Refined Measurement of the Sunspot Radiative Flux Deficit", 1981SoPh. . . 69. . . . . 3B ADS
- Bray, R. J. & Loughhead, R. E., "Book-Review - Sunspots", 1980Sci. . . 208. . 428B ADS
- Bray, R. J. & Loughhead, R. E., "Book-Review - Sunspots", 1980S&T. . . 59. . 241B ADS
- Thiessen, G., Loughhead, R. E., Bray, R. J., & Tappere, E. J., "Bright Dots Inside Sunspots", 1980S&T. . . 59. . 120T ADS
- Bray, R. J., "Australia and the Transit of Venus", 1980PASA. . . . . 4. . 114B ADS
- Bray, R. J., "A sunspot-auroral Solar Index from 522 B.C. to A.D. 1968.", 1980NZJS. . . 23. . . . . 99B ADS
- Loughhead, R. E., Bray, R. J., & Tappere, E. J., "Improved observations of sunspot umbral dots.", 1979A&A. . . 79. . 128L ADS
- Bray, R. J. & Loughhead, R. E.: 1979, *Sunspots 1979suns.book*. . . . . B ADS
- Bray, R. J. & Loughhead, R. E., "On the possibility of measuring stellar convection parameters.", 1978PASP. . . 90. . 609B ADS
- Bray, R. J. & Loughhead, R. E., "A convective correction to measured solar wavelengths.", 1978ApJ. . . 224. . 276B ADS
- Loughhead, R. E. & Bray, R. J., "Fourier transforms applied to the contrast profile method of measuring vector magnetic fields.", 1978PASP. . . 90. . 230L ADS
- Loughhead, R. E., Bray, R. J., & Brown, N., "Instrumental profile of a triple Fabry-Perot interferometer for use in solar spectroscopy.", 1978ApOpt. . . 17. . 415L ADS
- Bray, R. J. & Loughhead, R. E., "A new determination of the granule/intergranule contrast.", 1977SoPh. . . 54. . 319B ADS
- Bray, R. J., Loughhead, R. E., & Tappere, E. J., "Erratum: "Convective velocities derived from granule contrast profiles in Fe I lambda 6569.2" [Sol. Phys., Vol. 49, p. 3 - 18 (1976)].", 1977SoPh. . . 55. . 274B ADS
- Bray, R. J., "Computer-controlled narrow-band optical filters in solar astronomy", 1977RaF. . . . . 20. 1318B ADS
- Loughhead, R. E. & Bray, R. J., "Visibility of magnetic features on filtergrams and spectroheliograms.", 1976SoPh. . . 50. . 297L ADS
- Bray, R. J., Loughhead, R. E., & Tappere, E. J., "Convective velocities derived from granule contrast profiles in Fe I lambda 6569.2", 1976SoPh. . . 49. . . . . 3B ADS
- Loughhead, R. E. & Bray, R. J., "Visibility of the photospheric granulation in Fe I lambda 6569.2", 1975SoPh. . . 45. . 35L ADS
- Bray, R. J. & Loughhead, R. E., "Review of 'The Solar Chromosphere'", 1975Obs. . . . . 95. . 148B ADS
- Bray, R. J., "High-Resolution Photography of the Solar Chromosphere. XIII: H-alpha Contrast Profiles of Sunspot Fibrils", 1974SoPh. . . 38. . 377B ADS
- Bray, R. J., Loughhead, R. E., & Tappere, E. J., "High-Resolution Photography of the Solar Chromosphere. XV: Preliminary Observations in Fe I lambda 6569.2", 1974SoPh. . . 39. . 323B ADS
- Bray, R. J. & Loughhead, R. E.: 1974, *The solar chromosphere 1974soch.book*. . . . . B ADS
- Bray, R. J., "Some Comments on the Photographic Subtraction Method of Determining Chromospheric Velocities", 1973SoPh. . . 30. . 335B ADS
- Bray, R. J., "High-Resolution Photography of the Solar Chromosphere. X: Physical Parameters of H-alpha Mottles", 1973SoPh. . . 29. . 317B ADS
- Bray, R. J. & Winter, J. G., "High-Resolution Photography of the Solar Chromosphere. VIII: Computer Control of a Tunable ??? Å Filter", 1970SoPh. . . 15. . 309B ADS
- Bray, R. J., "High-Resolution Photography of the Solar Chromosphere. VI: Properties of the Bright Mottles", 1969SoPh. . . 10. . 63B ADS
- Bray, R. J., "High-Resolution Photography of the Solar Chromosphere. IV: Size Shape, and Evolution of the Dark Mottles", 1968SoPh. . . 5. . 323B ADS
- Bray, R. J., "High-Resolution Photography of the Solar Chromosphere. II: The Relationship between Chromospheric and Photospheric Faculae", 1968SoPh. . . 4. . 318B ADS
- Loughhead, R. E., Bray, R. J., Tappere, E. J., & Winter, J. G., "High-Resolution Photography of the Solar Chromosphere. I: The 30-cm Refractor of the C. S. I. R. O. Solar Observatory", 1968SoPh. . . 4. . 185L ADS
- Bray, R. J. & Loughhead, R. E., "Buchbesprechungen über: The Solar Granulation. (Ref. E. H. SCHRÖTER)", 1968ZA. . . . . 68. . 416B ADS
- Bray, R. J. & Loughhead, R. E.: 1967, *The solar granulation 1967sogr.book*. . . . . B ADS
- Loughhead, R. E. & Bray, R. J., "Statistics of Solar Seeing", 1966ZA. . . . . 63. . 101L ADS
- Bray, R. J. & Loughhead, R. E.: 1964, *Sunspots 1964suns.book*. . . . . B ADS
- Bray, R. J., "The Helium D\_3 Absorption Line in the Spectra of Chromospheric Flares. With 3 Figures in the Text", 1964ZA. . . . . 60. . 207B ADS
- Bray, R. J. & Loughhead, R. E., "Isophotal Contour Maps of Sunspots", 1962AuJPh. . . 15. . 482B ADS
- Loughhead, R. E. & Bray, R. J., "Phenomena Accompanying the Birth of Sunspot Pores", 1961AuJPh. . . 14. . 347L ADS
- Bray, R. J. & Loughhead, R. E., "Facular Granule Lifetimes determined with a Seeing-monitored Photoheliograph", 1961AuJPh. . . 14. . 14B ADS
- Loughhead, R. E. & Bray, R. J., "Granulation near the Extreme Solar Limb", 1960AuJPh. . . 13. . 738L ADS
- Loughhead, R. E. & Bray, R. J., "The Lifetime and Cell Size of the Granulation in Sunspot Umbrae", 1960AuJPh. . . 13. . 139L ADS
- Bray, R. J. & Loughhead, R. E., "High Resolution Observations of the Granular Structure of Sunspot Umbrae", 1959AuJPh. . . 12. . 320B ADS
- Bray, R. J., Loughhead, R. E., & Norton, D. G., "A "seeing monitor" to aid solar observation", 1959Obs. . . . . 79. . 63B ADS
- Loughhead, R. E. & Bray, R. J., "Observations of Faculae bordering Small Sunspots near the Limb", 1959AuJPh. . . 12. . 97L ADS
- Bray, R. J. & Loughhead, R. E., "Observations of Changes in the Photospheric Granules", 1958AuJPh. . . 11. . 507B ADS

Bray, R. J. & Loughhead, R. E., “*The Lifetime of Sunspot Penumbra Filaments*”,  
1958AuJPh..11..185B [ADS](#)

Loughhead, R. E. & Bray, R. J., “*The Wilson Effect in Sunspots*”,  
1958AuJPh..11..177L [ADS](#)

Bray, R. J. & Loughhead, R. E., “*Bright regions in sunspots*”,  
1957Obs....77..201B [ADS](#)

Bray, R. J.: 1956a, “*Absorption lines in the solar spectrum: the centre-limb  
variation of the sodium D-lines*”, *Ph.D. thesis*, University of Oxford, UK  
1956PhDT.....70B [ADS](#)

Bray, R. J., “*The centre-limb variation of the sodium D line intensities*”,  
1956MNRAS.116..395B [ADS](#)

Bray, R. J., “*The apparatus function of the Oxford solar spectroscope*”,  
1954MNRAS.114..540B [ADS](#)