

G. W. Lockwood publications

Updated 7/24/07

- 116) **Patterns of photometric and chromospheric variation among sun-like stars: a 20-year perspective**
Lockwood, G. W., Skiff, B. A., Henry, G. W., Henry, S., Radick, R. R., Baliunas, S. L., Donahue, R. A., and Soon, W. 2007. *ApJS*, 171, 260-303
- 115) **The Sunlike activity of the solar twin 18 Scorpii**
Hall, J. C., Henry, G. W., and Lockwood, G. W. 2007. *AJ*, 133, 2206-2208
- 114) **Suggestive correlations between the brightness of Neptune, solar variability, and Earth's temperature**
Hammel, H. B., and Lockwood, G. W. 2007. *Geophys. Res. Lett.*, 34, L08203,
[doi:10.1029/2006GL028764](https://doi.org/10.1029/2006GL028764).
- 113) **The activity and variability of the Sun and Sun-like stars. I. Synoptic Ca II H&K observations**
Hall, J. C., Lockwood, G. W., and Skiff, B. A. 2007 *AJ*, 133, 862-881
- 112) **Long-term atmospheric variability on Uranus and Neptune**
Hammel, H. B., and Lockwood, G. W. 2007. *Icarus*, 186, 281-301
- 111) **Photometric variability of Uranus and Neptune, 1950–2004**
Lockwood, G. W., and Jerzykiewicz, M. 2006. *Icarus*, 180, 442-452
- 110) **Uranus in 2003: Zonal winds, banded structure, and discrete features**
Hammel, H. B., de Pater, I., Gibbard, S., Lockwood, G. W., and Rages, K. 2005. *Icarus*, 175, 534–545
- 109) **New cloud activity on Uranus in 2004: First detection of a southern feature at 2.2 microns**
Hammel, H. B., de Pater, I., Gibbard, S., Lockwood, G. W., and Rages, K. 2005. *Icarus*, 175, 284–288
- 108) **The variability of sunlike stars on decadal timescales**
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- 107) **The chromospheric activity and variability of cycling and flat activity solar-analog stars**
Hall, J. C., and Lockwood, G. W. 2004. *ApJ*, 614, 942–946
- 106) **A prominent apparition of Neptune's South Polar Feature**
Rages, K. A., Hammel, H. B., and Lockwood, G. W. 2002. *Icarus*, 159, 262–265
- 105) **Photometric variability of Neptune 1972–2000**
Lockwood, G. W., and Thompson, D. T. 2002. *Icarus*, 156, 37–51
- 104) **Exploration of the Neptune system**
Hammel, H. B., Baines, K. H., Cuzzi, J. D., de Pater, I., Grundy, W. M., Lockwood, G. W., Perry, J., Rages, K. A., Spilker, T., and Stansberry, J. A. 2002. In *The Future of Solar System Exploration 2003–2013*. M. V. Sykes, ed., Astron. Soc. Pacific Conf. Series, vol. 272, 297–322

- 103) **New measurements of the winds on Uranus**
Hammel, H. B., Rages, K., Lockwood, G. W., Karkoschka, E., and de Pater, I. 2001. *Icarus*, 153, 229–235
- 102) **A case study illustrating the practical limitations of precision photoelectric photometry**
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- 101) **Evidence of a pronounced activity cycle in the solar twin 18 Sco**
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- 100) **Composite spectral indices: A new method for the interpretation of solar and stellar activity**
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- 99) **Seasonal change on Titan observed with the Hubble Space Telescope WFPC2**
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- 98) **Photometric variability of Uranus, 1972–1996**
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- 97) **Patterns of variation among sunlike stars**
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- 96) **Luminosity and chromospheric variations of solar analog stars**
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- 95) **Supplementary analysis of Io's disk-integrated solar phase curve**
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- 94) **The solar activity cycle. I Observations of the end of cycle 22, 1993 September–1997 February**
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- 93) **Atmospheric structure of Neptune in 1994, 1995, and 1996: HST imaging at multiple wavelengths**
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- 92) **Titan's north-south asymmetry from HST and Voyager imaging: Comparison with groundbased photometry and models**
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- 90) **Atmospheric transparency at Flagstaff, Arizona, 1972–1996: Baseline and volcanic episodes compared**
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- 89) **Cross-correlation radial velocity measurements of chromospherically active binaries**
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- 88) **Magnetic, photometric, temperature, and granulation variations of ξ Boo A 1984–1993**
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- 87) **Variations of β Comae through a magnetic minimum**
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- 86) **A twelve-year photometric study of lower main-sequence Hyades stars**
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- 85) **Hubble Space Telescope imaging of Neptune's cloud structure in 1994**
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- 84) **Observation and analysis methods and case studies of four well-observed examples**
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- 83) **The solar-stellar spectrograph: Project description, data calibration, and initial results**
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- 82) **Surface textural properties of icy satellites: A comparison between Europa and Rhea**
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- 81) **The variability of HD 16221 = 87 Herculis between 1984 and 1993**
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- 80) **A method of determining possible brightness variations of the Sun in past centuries from observations of solar-type stars**
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- 78) **Lessons from very long-term, very high-precision photoelectric photometry**
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- 77) **An atmospheric outburst on Neptune from 1986 through 1989**
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- 76) **Photoelectric photometry of Europa and Callisto 1976–1991**
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- 73) **A new solar irradiance calibration from 3295 Å to 8500 Å derived from absolute spectrophotometry of Vega**
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- 72) **Some *ubvy* standards that are slightly variable**
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- 70) **Neptune's cloud structure in 1989: Photometric variations and correlation with ground-based images**
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- 69) **The brightness, albedo, and temporal variability of Neptune**
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- 68) **Time-resolved CCD photometry of an ensemble of stars in the open cluster M67**
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- 67) **Precise automatic differential stellar photometry**
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- 63) **Stellar activity and brightness variations: A glimpse at the Sun's history**
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- 62) **The activity, variability, and rotation of lower main-sequence members of the Coma star cluster**
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- 61) **Sky glow and outdoor lighting trends since 1976 at the Lowell Observatory**
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- 60) **HAO-Lowell-AFGL Solar Stellar Spectrophotometer star catalog**
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- 59) **Further evidence for the disputed constancy of the photometric standard 109 Virginis**
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- 53) **Long-term brightness variations of Neptune and the solar cycle modulation of its albedo**
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- 52) **Atmospheric extinction: The ordinary and volcanically induced variations, 1972–1985**
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