

Bibliography from ADS file: *dodson.bib*
September 14, 2022

- Roelof, E. C., Dodson, H. W., & Hedeman, E. R., "Dependence of radio emission in large $\text{H}\alpha$ flares 1967-1970 upon the orientation of the local solar magnetic field", 1983SoPh...85..339R [ADS](#)
- Dodson, H. W., Hedeman, E. R., & Roelof, E. C., "Large scale solar magnetic fields at the site of Flares, the greatness of flares, and solar-terrestrial disturbances", 1982GeoRL...9..199D [ADS](#)
- Hedeman, E. R., Dodson, H. W., & Roelof, E. C.: 1981, *Evolutionary charts of solar activity (calcium plages) as functions of heliographic longitude and time*, Technical Report, 1964 - 1979 Johns Hopkins Univ., Silver Spring, MD. 1981jhu..rept.....H [ADS](#)
- Dodson, H. W. & Hedeman, E. R.: 1981, *Experimental comprehensive solar flare indices for major and certain lesser flares, 1975-1979* 1981STIN...8217042D [ADS](#)
- Hedeman, E. R., Dodson, H. W., & Roelof, E. C.: 1981, *Evolutionary charts of solar activity (calcium plages) as functions of heliographic longitude and time, 1964-1979* 1981ecsa.book.....H [ADS](#)
- Dodson, H. W., Hedeman, R., & Rovira, M., "Comments on filament disintegration and its relation to other aspects of solar activity", 1980BAAA...18..51D [ADS](#)
- Dodson, H. W., Hedeman, E. R., & Mohler, O. C., "Examples of problem flares or situations in past solar-terrestrial observations", 1979stp....1..385D [ADS](#)
- Dodson, H. W. & Hedeman, E. R., "Some comments on flares after many years of observation.", 1976SoPh...47..267D [ADS](#)
- Smart, D. F., Shea, M. A., Dodson, H. W., & Hedeman, E. R., "Distribution of proton producing flares around the sun.", 1976spre.conf..797S [ADS](#)
- Dodson, H. W. & Hedeman, E. R., "Large-Scale Organization of Solar Activity in Time and Space", in Solar Activity Observations and Predictions, 19-32 1976saop.book...19D [ADS](#)
- Dodson, H. W. & Hedeman, E. R., "Large-scale structure of solar activity and its time and spatial variations.", 1976npsa.conf....9D [ADS](#)
- Dodson, H. W. & Hedeman, E. R.: 1975a, *Experimental comprehensive solar flare indices for certain flares, 1970-1974* 1975STIN...7627156D [ADS](#)
- Dodson, H. W. & Hedeman, E. R., "Comments on the course of solar activity during the declining phase of solar cycle 20 (1970-74)", 1975SoPh...42..121D [ADS](#)
- Dodson, H. W. & Hedeman, E. R., "Course of Solar Activity during the Declining Phase of Solar Cycle 20", 1975BAAS....7R.364D [ADS](#)
- Dodson, H. W., Hedeman, E. R., Kreplin, R. W., et al.: 1975, *Catalog of solar particles events, 1955 - 1969*, Vol. 49 1975cspe.book.....D [ADS](#)
- Dodson, H. W. & Hedeman, E. R., "A small subflare in CINOF program, 1972 June 14, 1936 UT", 1974stp....1..63D [ADS](#)
- Dodson, H. W., Hedeman, E. R., & Mohler, O. C., "Comparison of activity in solar cycles 18, 19, and 20.", 1974RvGSP..12..329D [ADS](#)
- Dodson, H. W. & Hedeman, E. R., "International Cooperative Survey of Energetic Solar Particle Events - A Progress Report", 1972BAAS....4R.380D [ADS](#)
- Dodson, H. W. & Hedeman, E. R., "Reevaluation of Relationships between Solar Flares and Sporadic Geomagnetic Storms.", 1972BAAS....4R.309D [ADS](#)
- Dodson, H. W., Hedeman, E. R., & De Miceli, M. R., "Comments on Filament-Disintegration and Its Relation to Other Aspects of Solar Activity", 1972SoPh...23..360D [ADS](#)
- Dodson, H. W. & Hedeman, E. R., "Time variations in solar activity.", 1972sstp.conf..151D [ADS](#)
- Dodson, H. W. & Hedeman, E. R., "Large-Scale Organization of Solar Activity in Time and Space", 1972PrAA...30..19D [ADS](#)
- Dodson, H. W. & Hedeman, E. R., "Time Variations in Solar Activity", 1972ASSL...29..151D [ADS](#)
- Dodson, H. W. & Hedeman, E. R., "Circumstances at times of major flares in regions with small or no spots.", 1971BAAS....3R.260D [ADS](#)
- Dodson, H. W. & Hedeman, E. R.: 1971b, *An experimental, comprehensive flare index and its derivation for "major" flares, 1955-1969* 1971ecfi.book.....D [ADS](#)
- Dodson, H. W. & Hedeman, E. R., "Major $\text{H}\alpha$ Flares in Centers of Activity with very Small or no Spots", 1970SoPh...13..401D [ADS](#)
- Michard, R., Dodson, H. W., & Hedeman, E. R., "IQSY data review: Solar activity.", 1970AIQSY...6..187M [ADS](#)
- Dodson, H. W. & Hedeman, E. R., "Solar Circumstances at the Time of the Cosmic Ray Increase on January 28, 1967", 1969SoPh....9..278D [ADS](#)
- Dodson, H. W. & Hedeman, E. R., "Solar Circumstances at the Time of the Cosmic-Ray Increase on 28 January 1967", 1969BAAS....1..275D [ADS](#)
- Dodson, H. W., Hedeman, E. R., Kahler, S. W., & Lin, R. P., "The solar particle event of July 16 1966 and its possible association with a flare on the invisible solar hemisphere", 1969SoPh....6..294D [ADS](#)
- Dodson, H. W. & Hedeman, E. R., "The history and morphology of solar activity, 1964 - 1965", 1969AIQSY...4..3D [ADS](#)
- Dodson, H. W. & Hedeman, E. R., "Later development of the center of activity of the proton flare, 7 July 1966: Optical observations.", 1969AIQSY...3..215D [ADS](#)
- Dodson, H. W., "The behavior of the active region prior to the proton flare 7 July 1966, based on lambda-sweep records.", 1969AIQSY...3..154D [ADS](#)
- Mohler, O. C. & Dodson, H. W., "McMath-Hulbert Observatory of the University of Michigan", 1968SoPh....5..417M [ADS](#)
- Dodson, H. W. & Hedeman, E. R., "The Proton Flare of August 28, 1966", 1968SoPh...4..229D [ADS](#)
- Dodson, H. W. & Hedeman, E. R., "Increasing optical evidence for mass motions in solar flares, 1937-1967", 1968mmsf.conf...37D [ADS](#)
- Dodson, H. W. & Hedeman, E. R., "Some Patterns in the Development of Centers of Solar Activity, 1962-66", 1968IAUS...35..56D [ADS](#)
- Dodson, H. W. & Dedeman, E. R., "The Proton Flare of 28 August 1966", 1968AJS....73Q..59D [ADS](#)
- Dodson, H. W. & Hedeman, E. R., "Related Flares", 1966ApJ...145..224D [ADS](#)
- Dodson, H. W., Hedeman, E. R., & Stewart, F. L., "Solar Activity during the First 14 Months of the International Years of the Quiet Sun", 1965Sci...148.1328D [ADS](#)
- Dodson, H. W. & Hedeman, E. R., "Comments on Related Flares.", 1965AJ....70S.673D [ADS](#)
- Dodson, H. W. & Hedeman, E. R., "An Unexpected Effect in Solar Cosmic Ray Data Related to 29.5 Days", 1964JGR....69.3965D [ADS](#)
- Dodson, H. W., Hedeman, E. R., & Stewart, F. L., "Solar Activity During the First Six Months of the International Years of the Quiet Sun", 1964Sci...145.1050D [ADS](#)
- Dodson, H. W. & Hedeman, E. R., "Problems of differentiation of flares with respect to geophysical effects", 1964P&SS...12..393D [ADS](#)
- Teske, R. G., Dodson, H. W., & Hedeman, E. R., "An Observation of the Longitudinal Magnetic Field in a Sunspot Group.", 1964ApJ...139.1336T [ADS](#)
- Dodson, H. W. & Hedeman, E. R., "Solar Minimum and the International Years of the Quiet Sun", 1964Sci...143..237D [ADS](#)
- Dodson, H. W. & Hedeman, E. R., "Moving Material Accompanying the Flare of 1959 July 16^d21^h14^m UT", in NASA Special Publication, Vol. 50, 15 1964NASSP..50..15D [ADS](#)
- Covington, A. E., Harvey, G. A., & Dodson, H. W., "Selected High-Resolution Strip Scans of the 10.7-CM Sun.", 1962ApJ...135..531C [ADS](#)
- Dodson, H. W., "Observation of Loop-Type Prominences in Projection against the Disk at the Time of Certain Solar Flares", 1961PNAS...47..901D [ADS](#)
- McMath, R. R., Mohler, O. C., & Dodson, H. W., "Solar Features Associated with Ellerman's "Solar Hydrogen Bombs", 1960PNAS...46..165M [ADS](#)
- Dodson, H. W. & Hedeman, E. R., "Survey of Number of Solar Flares Observed during the International Geophysical Year", 1960JGR....65..123D [ADS](#)
- Dodson, H. W. & Hedeman, H. R., "Survey of Number of Flares Observed during the IGY", 1960AJ....65S..51D [ADS](#)
- Dodson, H. W. & Hedeman, H. R., "Flares of July 16, 1959.", 1960AJ....65R..51D [ADS](#)
- Dodson, H. W. & Hedeman, E. R., "Crochet-Associated Flares.", 1958ApJ...128..636D [ADS](#)
- Dodson, H. W. & Hedeman, E. R., "Geomagnetic Disturbances Associated with Solar Flares with Major Premaximum Bursts at Radio Frequencies ??? 200 Mc/s", 1958JGR....63..77D [ADS](#)
- Dodson, H. W., "Studies at the McMath-Hulbert Observatory of Radio Frequency Radiation at the Time of Solar Flares", 1958PIRE...46..149D [ADS](#)
- Mohler, O. C. & Dodson, H. W., "Observation of solar "points".", 1958AJ....63R.309M [ADS](#)
- Dodson, H. W. & Hedeman, R. E., "Crochet-associated flares.", 1958AJ....63R.304D [ADS](#)
- Dodson, H. W. & Hedeman, E. R., "RÉSUMÉ of Visually and Photographically Observed Solar Activity at the Time of 200 Mc/S Noise Storms Near the 1954 Solar Minimum.", 1957ApJ...125..827D [ADS](#)
- Dodson, H. W., "Relation between optical solar features and solar radio emission", 1957IAUS....4..327D [ADS](#)
- Dodson, H. W. & Hedeman, E. R., "Flares with major early bursts at frequencies <200 Mc/s and subsequent geomagnetic disturbances.", 1957AJ....620.140D [ADS](#)
- Dodson, H. W., Hedeman, E. R., & McMath, R. R., "Photometry of Solar Flares.", 1956ApJS....2..241D [ADS](#)
- Dodson, H. W., "Development of an active solar region August 20-26, 1954.", 1956AJ....61..2D [ADS](#)
- Dodson, H. W. & Hedeman, E. R., "Detailed study of the development of an active solar region, 1954 August 20-27", 1956MNRAS.116..428D [ADS](#)

- Dodson, H. W., "Center-to-limb effects in solar flare observations.", 1955AJ.....60R.158D [ADS](#)
- Goldberg, L., Dodson, H. W., & Müller, E. A., "The Width of H α in Solar Flares.", 1954ApJ...120...83G [ADS](#)
- Dodson, H. W., "Intensity Measures of Calcium Plages for Comparison with 10.3-CENTIMETER Solar Radiation, October 16, 1951.", 1954ApJ...119..564D [ADS](#)
- Dodson, H. W., Hedeman, E. R., & Covington, A. E., "Solar Flares and Associated 2800 Mc/sec (10.7 Cm) Radiation.", 1954ApJ...119..541D [ADS](#)
- Dodson, H. W., "High Latitude Sunspot, August 13, 1953", 1953PASP...65..256D [ADS](#)
- Covington, A. E. & Dodson, H. W., "Absorption of 10.7-centimetre Solar Radiation during Flare of May 19, 1951", 1953JRASC..47..207C [ADS](#)
- Dodson, H. W., Hedeman, E. R., & Owren, L., "Solar Flares and Associated 200 Mc/sec Radiation.", 1953ApJ...118..169D [ADS](#)
- Dodson, H. W. & Mohler, O. C., "Spectroheliographic observations, 1952 February 25", 1953Obs....73..116D [ADS](#)
- Dodson, H. W., "Solar Flares: Photometry and 200 Mc/Sec Radiation", in G. P. Kuiper (Ed.), The Sun, 692–703 1953sun..book..692D [ADS](#)
- Dodson, H. W., Hedeman, E. R., & Chamberlain, J., "Ejection of Hydrogen and Ionized Calcium Atoms with High Velocity at the Time of Solar Flares.", 1953ApJ...117...66D [ADS](#)
- Dodson, H. W., Hedeman, E. R., & Covington, A. E., "Solar flares and associated 2800 Mc/sec radiation.", 1953AJ....58R.213D [ADS](#)
- Dodson, H. W., Hedeman, E. R., & Owren, L., "Solar flares and associated 1.5 meter radiation.", 1952AJ....57R...9D [ADS](#)
- Dodson, H. W. & Owren, L., "Observation of active regions on the sun by radio interferometer and spectroheliograph.", 1952AJ....57...10D [ADS](#)
- Dodson, H. W., "A Solar Flare and Associated Dark Flocculi of may 19, 1951.", 1952ApJ...115..320D [ADS](#)
- Dodson, H. W. & Hedeman, E. R., "A solar prominence bright in projection on the disk", 1952Obs....72...30D [ADS](#)
- Dodson, H. W. & McMath, R. R., "The Limb Flare of may 8, 1951.", 1952ApJ...115...78D [ADS](#)
- Dodson, H. W., "The limb flare of May 8, 1951.", 1951AJ....56..124D [ADS](#)
- Dodson, H. W. & Donselman, R. W., "The Eruptive Prominence of August 7, 1950.", 1951ApJ...113..519D [ADS](#)
- Dodson, H. W., McMath, R. R., & Hedeman, E. R., "Photometric studies of solar flares.", 1951AJ....56...37D [ADS](#)
- Dodson, H. W. & Weston, E. B., "A study of the eruptive prominence of 1948 September 27", 1950MNRAS.110..199D [ADS](#)
- Dodson, H. W., "Position and Development of the Solar Flares of may 8 and 10, 1949.", 1949ApJ...110..382D [ADS](#)
- Dodson, H. W. & Hedeman, E. R., "The Frequency and Positions of Flares Within Three Active Sunspot Areas.", 1949ApJ...110..242D [ADS](#)
- Dodson, H. W. & Hedeman, R., "Positions of solar flares within a SPOT group.", 1949AJ....54..125D [ADS](#)
- Dodson, H. W., "Position and development of the great solar flare of May 10, 1949.", 1949AJ....54R.183D [ADS](#)
- Dodson, H. W. & McMath, R. R., "Solar Filament of September 7, 1948", 1948PASP...60..366D [ADS](#)
- Dodson, H. W. & Hedeman, E. R., "A geometrical aid in the determination of the disk positions of solar limb phenomena.", 1948AJ....53..111D [ADS](#)
- Dodson, H. W., Cornwall, E. R., & Thorndike, S. L., "Studies of variable stars in M15", 1946PAAS...10R..48D [ADS](#)
- Dodson, H. W. & van Dijke, S., "Spectra of bright chromospheric eruptions", 1946PAAS...10..122D [ADS](#)
- Dodson, H. W., "Annual Meeting", 1945MMAAR..43...8D [ADS](#)
- Dodson, H. W., "Recent Progress in Astrophysics Observations of the Planets by Lyot, Gentili and Camichel from the PIC du Midi in 1941 and 1942", 1943ApJ...97...75D [ADS](#)
- Dodson, H. W. & van Dijke, S. E. A., "Recent Solar Observations in Hydrogen and Helium Light.", 1942ApJ....95..325D [ADS](#)
- Dodson, H. W., "Annual Meeting", 1942MMAAR..40...8D [ADS](#)
- Dodson, H. W. & van Dijke, S. E. A., "Solar Phenomena Preceding the Ionospheric Storm of March 1, 1941", 1941TeMAE..46..360D [ADS](#)
- Dodson, H. W., "Note: Use of the Hale Spectrohelioscope for the Observation of Spectra of Chromospheric Eruptions.", 1941ApJ....93..208D [ADS](#)
- Dodson, H. W., "The Spectrum of 25 Orionis, 1933-1939.", 1940ApJ....91..126D [ADS](#)
- Dodson, H. W. & Cornwall, E. R., "Bright chromospheric eruptions studied at the Whitin Observatory in 1939", 1939PAAS....9..258D [ADS](#)
- Dodson, H. W., "Annual Meeting", 1939MMAAR..37..14D [ADS](#)
- Dodson, H. W., "A Study of the Spectrum of 25 Orionis", 1936ApJ....84..180D [ADS](#)
- Dodson, H. W.: 1936b, A study of the spectrum of 25 Orions ... 1936sstf.book....D [ADS](#)
- Dodson, H. W., "Radial velocities from microphotometer tracings", 1936PAAS....8Q...7D [ADS](#)
- Dodson, H. W., "Spectrum of Be star 25 Orionis", 1936PAAS....8..109D [ADS](#)
- Dodson, H. W.: 1934, "A Study of the Spectrum of 25 Orionis.", Ph.D. thesis, University of Michigan 1934PhDT.....1D [ADS](#)
- Mohler, O. & Dodson, H. W., "A note on helium lines in three Be spectra", 1933PAAS....7..182M [ADS](#)