

Publications by Weather Bureau Authors

- J. F. Bosen, "Data Processing Machines in Climatology," *Weatherwise*, vol. 15, No. 4, Aug. 1962, pp. 158-159, 163.
- G. W. Brier (with D. A. Bradley and M. A. Woodbury), "Lunar Synodical Period and Widespread Precipitation," *Science*, vol. 137, No. 3532, Sept. 7, 1962, pp. 748-749.
- M. J. Brown and E. L. Peck, "Reliability of Precipitation Measurements as Related to Exposure," *Journal of Applied Meteorology*, vol. 1, No. 2, June 1962, pp. 203-207.
- K. Bryan, "Measurements of Meridional Heat Transport by Ocean Currents," *Journal of Geophysical Research*, vol. 67, No. 9, Aug. 1962, pp. 3403-3414.
- H. S. Carter (with R. P. Lewis, S. B. McKee, and F. A. Bell, Jr.), *Air Pollution in Georgia*, Georgia Department of Public Health and U.S. Department of Health, Education, and Welfare, Apr. 1962.
- G. R. Ellis, "California's Hard Winter, 1542-43," *Weatherwise*, vol. 15, No. 3, June 1962, pp. 122-123, 135.
- G. R. Ellis, "The Veranillo in Panama," *Geofisica Internacional*, vol. 2, No. 2, 1962.
- E. B. Fawcett, "Six Years of Operational Numerical Weather Prediction," *Journal of Applied Meteorology*, vol. 1, No. 3, Sept. 1962, pp. 318-332.
- F. A. Gifford, "Diffusion in the Diabatic Surface Layer," *Journal of Geophysical Research*, vol. 67, No. 8, July 1962, pp. 3207-3212.
- J. H. Hagarty, "Dr. James Tilton (1745-1822)," *Weatherwise*, vol. 15, No. 3, June 1962, pp. 124-125.
- K. J. Hanson and M. J. Rubin, "Heat Exchange at the Snow-Air Interface at the South Pole," *Journal of Geophysical Research*, vol. 67, No. 9, Aug. 1962, pp. 3415-3424.
- G. C. Holzworth, "A Study of Air Pollution Potential for the Western United States," *Journal of Applied Meteorology*, vol. 1, No. 3, Sept. 1962, pp. 366-382.
- D. S. Johnson, "Meteorological Measurements from Satellites," *Bulletin of the American Meteorological Society*, vol. 43, No. 9, Sept. 1962, pp. 481-484.
- W. H. Klein, "Specification of Monthly Mean Surface Temperature from 700-mb. Heights," *Journal of Applied Meteorology*, vol. 1, No. 2, June 1962, pp. 154-156.
- H. E. Landsberg, "Victor Conrad (1876-1962)," *Bulletin of the American Meteorological Society*, vol. 43, No. 9, Sept. 1962, pp. 522, 524.
- H. E. Landsberg, "Review of 'Upper Winds Over the World' Parts I and II by H. Heastie and P. M. Stephenson, Part III by G. B. Tucker," *Geophysical Memoirs*, vol. 13, No. 103 and No. 105, 1960," *Transactions, American Geophysical Union*, vol. 43, No. 2, June 1962, pp. 177-178.
- T. H. MacDonald, "Bouguer's Law and Heterochromatic Radiation," *Journal of the Optical Society of America*, vol. 52, No. 5, May 1962, pp. 569-571.
- R. A. McCormick and C. Xintaras, "Variation of Carbon Monoxide Concentrations as Related to Sampling Interval, Traffic, and Meteorological Factors," *Journal of Applied Meteorology*, vol. 1, No. 2, June 1962, pp. 237-243.
- J. K. McGuire, "The Brooklyn Deluge of 24 June 1962," *Weatherwise*, vol. 15, No. 4, Aug. 1962, pp. 164-165.
- J. D. McQuigg (with W. L. Decker), "The Probability of Completion of Outdoor Work," *Journal of Applied Meteorology*, vol. 1, No. 2, June 1962, pp. 178-183.
- L. M. Mace (with J. B. Jones), "Operations Assists by TIROS," *Weatherwise*, vol. 15, No. 3, June 1962, pp. 97-101.
- J. M. Mitchell, Jr., "Comments on paper by H. C. Willett 'The Relationship of Total Atmospheric Ozone to the Sunspot Cycle'," *Journal of Geophysical Research*, vol. 67, No. 10, Sept. 1962, pp. 4093-4094.
- V. J. Oliver, "TIROS Fills a Void for World Weather Watch," *Weatherwise*, vol. 15, No. 4, Aug. 1962, pp. 160-162.
- F. Pooler, "The Air Over Cities," *Bulletin of the American Meteorological Society*, vol. 43, No. 6, June 1962, pp. 234-237.
- H. E. Root, "Probability Statements in Weather Forecasting," *Journal of Applied Meteorology*, vol. 1, No. 2, June 1962, pp. 163-168.
- L. A. Sergius, G. R. Ellis, and R. M. Ogden, "The Santa Ana Winds of Southern California," *Weatherwise*, vol. 15, No. 3, June 1962, pp. 102-105, 121.
- A. K. Showalter, "Surface Weather Measurements," *Bulletin of the American Meteorological Society*, vol. 43, No. 9, Sept. 1962, pp. 454-456.
- A. K. Showalter, "Review of *Handbook of Meteorological Instruments, Part II. Instruments for Upper Air Observations*, H. M. Stationery Office, London, 1961, 209 pp.," *Transactions, American Geophysical Union*, vol. 43, No. 2, June 1962, p. 183.

- Staff, Meteorological Satellite Laboratory, U.S. Weather Bureau, Part II of *Final Report on the TIROS I Meteorological Satellite System*, National Aeronautics and Space Administration, Washington, D.C., 1962.
- J. C. Thompson, "Economic Gains from Scientific Advances and Operational Improvements in Meteorological Prediction," *Journal of Applied Meteorology*, vol. 1, No. 1, Mar. 1962, pp. 13-17.
- J. G. Vaeth (with J. N. Huson), "Systems Maintenance Training—A Bold Approach," *Aerospace Engineering*, vol. 21, No. 7, July 1962, pp. 29-33.
- D. Q. Wark, "Recording Sea Ice Distribution from Meteorological Satellites," *The Polar Record*, vol. 11, No. 7, May 1962, pp. 201-202 (SCAR Bulletin No. 11).
- D. Q. Wark, G. Yamamoto, and J. H. Lienesch, "Methods of Estimating Infrared Flux and Surface Temperature from Meteorological Satellites," *Journal of the Atmospheric Sciences*, vol. 19, No. 5, Sept. 1962, pp. 369-384.
- L. L. Weiss and R. F. Kresge, "Indications of the Uniformity of Shore and Off-Shore Precipitation for Southern Lake Michigan," *Journal of Applied Meteorology*, vol. 1, No. 2, June 1962, pp. 271-274.
- H. Wexler, "Global Meteorology and the United Nations," *Weatherwise*, vol. 15, No. 4, Aug. 1962, pp. 141-147, 167.
- H. Wexler and W. A. Hass, "Global Atmospheric Pressure Effects of the October 30, 1961 Explosion," *Journal of Geophysical Research*, vol. 67, No. 10, Sept. 1962, pp. 3875-3887.
- H. Wexler and D. S. Johnson, "Meteorological Satellites," *ICSU Review*, vol. 3, No. 2, Apr. 1961, pp. 84-93.
- P. Williams, Jr., and E. L. Peck, "Terrain Influences on Precipitation in the Intermountain West as Related to Synoptic Situations," *Journal of Applied Meteorology*, vol. 1, No. 3, Sept. 1962, pp. 343-347.

New Weather Bureau Publication

Technical Paper No. 45, "Snowmelt Floods of March-April 1960, Missouri and Upper Mississippi Basins," Washington, D.C., 1962, 77 pp. For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, 25, D.C. Price \$1.25.

This report compiles and records the basic hydrometeorological data for the snowmelt floods of the spring of 1960, such as precipitation, snow depth, water equivalent, and degree-day data for the period of snow cover breakup in March; temperature and precipitation data for the period November 1959 through March 1960; and river stages and damage statistics. Nine plates are included.

CORRECTION

Monthly Weather Review, October 1962, pp. 447 and 449: Cuts B and C of figures 7 and 10 are interchanged.