

## Publications by Weather Bureau Authors

The Weather Bureau's work covers a wide range of topics within the general field of meteorology. To acquaint the public with the work being done on various problems, we plan to print from time to time, perhaps monthly if space permits, a list of recently published scientific articles and books written by Weather Bureau authors. The articles listed will be exclusive of those in Weather Bureau publications. (Those in the *Review* are presumably already familiar to readers of the list, and other Weather Bureau publications are announced separately as they are issued.)

We shall try to make the listing as complete as possible but there will undoubtedly be omissions, which we shall be glad to rectify when brought to our attention. Since the first several lists will cover papers from the last year or two, we will make each list a random selection from the complete alphabet so as not to slight either the A's or the Z's. Subsequent lists should be more closely up to date.

- J. K. Angell, "Estimating the Frictional Force at 300 mb. by Means of Transosonde and Radiosonde Data," *Journal of Meteorology*, vol. 16, No. 2, Apr. 1959, pp. 216-217.
- E. M. Ballenzweig, "Relation of Long-Period Circulation Anomalies to Tropical Storm Formation and Motion," *Journal of Meteorology*, vol. 16, No. 2, Apr. 1959, pp. 121-139.
- R. G. Beebe, "Notes on the Scottsbluff, Nebraska Tornadoes, 27 June 1955," *Bulletin of the American Meteorological Society*, vol. 40, No. 3, Mar. 1959, pp. 109-116.
- R. D. Blood [with R. J. Hildreth], "Late Spring and Early Fall Low Temperatures in Texas," *Miscellaneous Publication 298*, Texas Agricultural Experiment Station, Texas Agricultural Extension Service, College Station, Texas, 1958.
- G. N. Brancato, "St. Louis Tornado, 10 February 1959," *Weatherwise*, vol. 12, No. 2, Apr. 1959, pp. 43-44.
- R. B. Carson, "Observations on the Utility, the Limitations, and the Didactic Value of Synoptic Streamline Analysis," *Transactions of the New York Academy of Sciences*, Ser. II, vol. 20, No. 7, May 1958, pp. 657-677.
- C. V. Cunniff, "Solar Radiation on the Walls Facing North and South at the Blue Hill Observatory," *Air Conditioning, Heating, and Ventilating*, vol. 56, No. 8, Aug. 1959, pp. 64-67.
- H. L. Elser, "A Desert Dust Storm Strikes El Paso, Texas," *Weatherwise*, vol. 12, No. 3, June 1959, pp. 115-116.
- I. Enger, "Singularities in Daily Temperatures," *Journal of Meteorology*, vol. 16, No. 3, June 1959, pp. 238-243.
- E. Flowers, "Inside Antarctica—No. 2, Amundsen-Scott Station," *Weatherwise*, vol. 11, No. 5, Oct. 1958, pp. 166-171, 180.
- S. Fritz, "Transmission of Solar Energy Through the Earth's Clear and Cloudy Atmosphere," *Transactions of the Conference on the Use of Solar Energy—The Scientific Basis*, Tucson, Ariz., Oct. 31-Nov. 1, 1955, The University of Arizona Press, 1958, pp. 17-36.
- B. W. Harlen, "Inside Antarctica—No. 1, Little America," *Weatherwise*, vol. 11, No. 4, Aug. 1958, pp. 116-123.
- M. F. Harris, "An Evaluation of 12-hour Statistical Forecasts of the 1000 to 500 Mb. Thickness," *Journal of Meteorology*, vol. 16, No. 1, Feb. 1959, pp. 1-5.
- L. Holloway, "Smoothing and Filtering of Time Series and Space Fields," *Advances in Geophysics*, vol. 4, Academic Press, New York, 1958, pp. 351-388.
- L. F. Hubert, "Distribution of Surface Friction in Hurricanes," *Journal of Meteorology*, vol. 16, No. 4, Aug. 1959, pp. 393-404.
- D. L. Jorgensen, "Prediction of Hurricane Motion with Use of Orthogonal Polynomials," *Journal of Meteorology*, vol. 16, No. 1, Feb. 1959, pp. 21-29.
- D. W. Krueger, "A Relation Between the Mass Circulation Through Hurricanes and Their Intensity," *Bulletin of the American Meteorological Society*, vol. 40, No. 4, Apr. 1959, pp. 182-189.
- H. E. Landsberg, Review of "Physikalisch-Statistische Regeln als Grundlagen für Wetter- und Witterungsvorhersagen," *Bulletin of the American Meteorological Society*, vol. 40, No. 4, Apr. 1959, pp. 213-214.
- J. T. Lee, "Forecasting Tornado Possibilities," *Weatherwise*, vol. 11, No. 2, Apr. 1958, p. 51.
- L. Machta [with F. Hagemann, J. Gray, Jr., and A. Turkevich], "The Stratospheric Content of Carbon-14, Carbon Dioxide and Tritium," *Science*, vol. 130, No. 3375, 4 Sept. 1959, pp. 542-552.
- W. B. Moreland, "Inside Antarctica—No. 3, The Weather Central at Little America," *Weatherwise*, vol. 11, No. 6, Dec. 1958, pp. 196-200.
- J. Namias, "Recent Seasonal Interactions Between North Pacific Waters and the Overlying Atmospheric Circulation," *Journal of Geophysical Research*, vol. 64, No. 6, June 1959, pp. 631-646.
- J. F. O'Connor, "1958—The Warmest Year on Record on the Pacific Coast," *Weatherwise*, vol. 12, No. 2, Apr. 1959, pp. 52-55, 61.
- E. Sable, "Insured Rainfall Frequency," *The Standard*, Boston, vol. 163, No. 11, Sept. 1958, p. 5.
- W. Smith, "Mesoanalysis of the Tornado-Producing Situation in Texas, 25-26 May 1955," *Bulletin of the American Meteorological Society*, vol. 40, No. 3, Mar. 1959, pp. 134-145.
- K. Tillotson, "Description of Fraser, Colorado," *Weatherwise*, vol. 11, No. 6, Dec. 1958, pp. 209-210.
- G. F. Von Eschen, "Climatic Trends in New Mexico," *Weatherwise*, vol. 11, No. 6, Dec. 1958, pp. 191-195.
- H. Wexler, "Modifying Weather on a Large Scale," *Science*, vol. 31, No. 3331, Oct. 31, 1958, pp. 1059-1063.
- R. A. Wrightson, "The Blizzard of '88," *Weatherwise*, vol. 11, No. 6, Dec. 1958, pp. 187-190.