

VOLUME 2 NUMBER 33 AUGUST 26, 1966

## PACIFIC CONGRESS MEETS IN TOKYO

Dr. George S. Benton, Director of the Institutes for Environmental Research (IER), will lead a delegation of 16 scientists to the Eleventh Pacific Science Congress in Tokyo, Aug. 22 - Sept. 9. He also will serve as ESSA's official delegate for the meeting.



Dr. Sigmund Fritz, Director of Research for the National Environmental Satellite Center, Suitland, Md., will serve with Dr. Benton on the official United States' delegation for the congress. He also will serve as chairman of the Symposium on Satellite Meteorology.

The Pacific Science Congress is a major activity of the Pacific Science Association, an international scientific organization founded in 1920 by countries bordering the Pacific Ocean. Meetings of the congress are usually held every four years to exchange research results and scientific information with application to the Pacific basin. The National Academy of Science's National Research Council is the United States representative institution for the Association. Dr. John S. Rinehart, Senior Research Fellow for IER, will present a paper on "Geyser Action in Yellowstone National Park."

## NEW CENTER PINPOINTS FIVE QUAKES

The Coast and Geodetic Survey's Earthquake Early Reporting services of the new National Earthquake Information Center completed its first week of operation. Five earthquakes were located, below 6.5 on the Richter scale, between Aug. 14-19 within two to three hours of the event from network data and other sources. They occurred in India, Southern Alaska, Nevada-Utah border, off the coast of Mexico by Guatemala station, and in Turkey. The latter resulted in heavy damage to the Varto region with fatalities numbering some 3,000.

## TREES KEEP WEATHER RECORDS

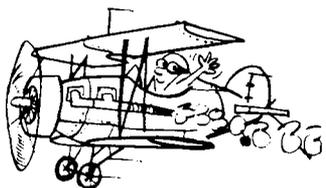
Professor Harold C. Fritts, of the University of Arizona's Laboratory of Tree-Ring Research, visited the Laboratory of Environmental Data Research, EDS, last week, to discuss his recent progress under an ESSA grant to reconstruct the climatic history of the western half of the United States since the 16th century by dendroclimatic analysis. During his visit, Dr. Fritts presented a seminar on the scientific basis of modern dendroclimatic analysis and consulted with various ESSA scientists on the meteorological interpretation of the long-term variations in the geographical distribution of rainfall as revealed in the tree-ring data.

### **LANDSBERG TO REPRESENT WMO**

Dr. Helmut E. Landsberg, Director of the Environmental Data Service, will represent the World Meteorological Organization at the Fourth International Biometeorological Congress to be held at Rutgers University, New Brunswick, N.J., from Aug. 26 to Sept. 2. Also, he will be chairman of a session on "Climatic Classifications as They Apply to Biometeorology." Other EDS personnel attending the congress will include: Dr. Gerald L. Barger, Director of the Laboratory for Environmental Data Research; Lothar A. Joos, chief of the Climatology Division; Dr. Augustine Y. M. Yao, research meteorologist, and Wayne C. Palmer, project scientist, Bioclimatology. Palmer will present a paper, "Some Uses of the Palmer Drought Index," to a special working group on agricultural meteorology.

### **FAA EYES PIREPS**

The Federal Aviation Agency's Western Region has started a 90-day test to determine the value of pilot reports (PIREPS) made by their aircraft pilots. Hourly reports from flight check and administrative aircraft will be identified by FAA/PIREP. Flight Advisory Weather Service Centers and associated Flight Service Stations will keep a tabulation of reports and forward a final evaluation at the end of the test period.



### **IER SCIENTIST ELECTED TO CHAIR IEEE**

Martin Nesenbergs, a mathematician with the Institutes for Environmental Research (IER) in Boulder, Colo., has been elected chairman of the Communication Technology Group of the Boulder-Denver section, Institute of Electrical and Electronics Engineers (IEEE). Nesenbergs joined the Boulder Laboratories in 1960 and his present research in the Ionospheric Telecommunications Laboratory of the Institute for Telecommunication Sciences and Aeronomy (ITSA) mainly involves the theory of high-frequency radio communication. The Communication Technology Group brings together some 50 members from Boulder, Denver, Colorado Springs and elsewhere in Colorado who share an interest in the theory and practice of communication systems. Recognizing that the exchange of scientific information through the IEEE Group facilitates research at the Boulder Laboratories, IER encourages its scientists to participate in the Group's activities.

### **ESSAite RECEIVES ANTARCTIC SERVICE MEDAL**

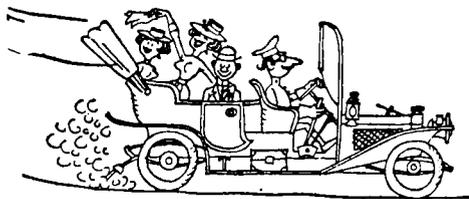
Joel B. Campbell of the Office of Seismology and Geomagnetism, C&GS, was presented the Antarctic Service Medal in recognition of his contributions to United States' expeditions in Antarctica during the International Geophysical Year. The medal was presented by Dr. L. M. Gould, Director, IGY Antarctic Program, National Academy of Sciences.

## TWO WB VETERANS DIE

Thomas R. Brooks, 75, died Aug. 23 of emphysema at Sibley Hospital. He lived at 3927 Oliver St., Chevy Chase, Md. Brooks retired from the Weather Bureau in 1956 as assistant chief of the Forecasts and Synoptic Reports Division after more than 45 years of service. He was prominent in the development of the WB's warning and forecast services provided throughout the country.

Miss Marjorie L. Simonton, rawinsonde specialist at Great Falls, Mont., until her retirement in 1965, died Aug. 20 at the Columbus Hospital in Great Falls. Miss Simonton was a WB employee from September 1942 until her disability retirement in April 1965. She was a member of the American Meteorological Society and maintained a keen interest in meteorological literature. During the past year she donated several meteorological texts to the library of the Great Falls Weather Bureau office.

## DEFEND YOURSELF!



It's time to quote Martha ("Mother") Shipton's (1488-1561) prophesy again: "Carriages without horses shall go. And accidents fill the world with woe." Don't be a statistic going to a place for an accident to happen, especially over the long Labor Day weekend. Drive as though your life depends on it -- it does!

## C&GS SHOOTS ALASKA'S COAST

The Air Photo Mission of the C&GS completed aerial photography operations in Alaska on Aug. 19 and moved operations to the conterminous United States. The mission had a productive Alaskan season, completing 2,800 lineal miles of highly specialized aerial photography which was taken with panchromatic, color, and infrared films at pre-determined tide stages. The results will be used during the winter months to compile chart topography, shoreline and control for next season's hydrographic operations.

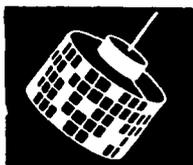
## 'GEOGRAPHY IN GOVERNMENT'

Dr. A. Joseph Wraight, chief geographer of the Coast and Geodetic Survey, will serve as chairman of two discussion groups on "Geography in Government" at the Aug. 28-31 annual meeting of the Association of American Geographers in Toronto. Wraight, a member of the United States Board on Geographic Names, is the author of a recently-published textbook on modern geography entitled "Our Dynamic World."

### **WB ASSISTS FAA SAFETY CAMPAIGN**

A one-time memo stressing weather briefings to all Weather Bureau Western Region first-order stations is assisting the Federal Aviation Agency's (FAA) Labor Day Fly-Safe Campaign. FAA has started action to emphasize the safety theme at pilot meetings prior to Labor Day and with each pilot briefing during the long weekend of Sept. 2-6.

### **SCIENTIST DISCUSSES SATELLITE OBSERVATIONS**



L. F. Hubert, chief of the Synoptic Meteorology Branch, Meteorological Satellite Laboratory (NESL), Suitland, Md., presented a paper on "Satellite Observations of Convective Systems" at the National Center for Atmospheric Research (NCAR) Colloquium on Thermal Convection at Boulder, Colo. Hubert also attended Boulder meetings of NCAR Steering Committee for Tropical Experiment (TROMEX).

### **IHC HEARS ABOUT WEATHER**

"Science and the Weather" was the title of a talk given by Paul H. Kutschenreuter, Director of the Office of User Affairs, at the Plenary Session of the XVII International Horticultural Congress, Aug. 18, at the University of Maryland.

### **TIMCHALK RECEIVES CASH AWARD**

A cash award was presented to Andrew Timchalk, research meteorologist of the National Environmental Satellite Center's Meteorological Satellite Laboratory. Timchalk received the award for his significant contribution to the development of a method for estimating hurricane intensities from satellite photographs.

### **SERVICE AWARDS**

Length-of-service awards in the Weather Bureau's Central Region for September will be Alvar Ahola, Houghton Lake, Mich., and John J. Gage, NSSFC, Kansas City, Mo., 30 years. Eino V. Kinunen, Madison, Wisc., Frederick H. McNally, Rapid City, S.D., Charles K. Nevins, RFC, Kansas City, Mo., Olga H. Markham, Kansas City, Mo., Harry B. Emerson, Jr., Denver, 25 years. Geraldine L. Derr, Des Moines, Iowa, 20 years. Recipients of awards in the Weather Bureau's Pacific Region for August are: Robert H. Burns, PMRWU, Barking Sands, Hawaii, 25 years and Antonio Mamis, first Micronesian employee to receive the 15-year service award.

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Items to be considered for ESSA NEWS must be received by Friday for publication the following Friday. Send material to: Office of Public Information, ESSA, Room 804, Bldg. 5, WSC, Rockville, Md Phone (301) 496-8431.

# **National Oceanic and Atmospheric Administration**

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