

Volume 5 Number 4 January 24, 1969

PRESIDENT REQUESTS BUDGET INCREASE FOR ESSA

The President's budget message, presented to Congress, Jan. 15, included the following amounts for ESSA for fiscal year 1970:

<u>Appropriations</u>	<u>FY 1969 Estimates Adjusted</u>	<u>FY 1970 Estimates</u>	<u>Increases Requested over FY 1969</u>	
			<u>Positions</u>	<u>Amount</u>
<u>(\$ in thousands)</u>				
Salaries & Expenses	\$119,764	\$126,756	+362	+\$6,992
Research & Development	24,724	26,006	+14	+1,282
R&D (Special Foreign Currency Program)	500	-500
Facilities, Equip. & Construction	2,462	3,921	+2	+1,459
Satellite Operations	<u>19,980</u>	<u>9,700</u>	<u>+11</u>	<u>-10,280</u>
Totals	\$167,430	\$166,383	+389	-\$1,047

Salaries and Expenses - Significant increases are requested in weather forecasts and warning activities for improved public weather forecasts; meteorological support for air pollution forecasts; additional aviation weather services; operation of new ESSA weather radars; expansion of statewide teletype warning networks; and communications automation at NMC. Increases are also requested for modern river forecasting services in the lower Mississippi valley and Alaska and telemetering devices for river and flood reports; expansion of the horizontal control networks and
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mark maintenance; operation of seismological observatories; expansion of cartographic capabilities in instrument charting; a portion of a long-range program of marine charting; and acceleration of the production of bathymetric maps.

Research and Development - Increases are requested for the extension of weather forecasting and data gathering programs to a worldwide scale; river and flood data acquisition studies; automation of aeronautical chart production; development of improved capability for ocean-atmosphere interaction studies; and expanded efforts to develop additional satellite sensors.

Facilities, Equipment, and Construction - Funds are being requested for the purchase of low-level sounding equipment necessary to gather air pollution data; for the upgrading of the upper-air network; construction and rehabilitation of facilities in Alaska; the replacement and upgrading of instrumentation aboard an aircraft used in hurricane and tornado research; replacement of a shipboard magnetometer; the purchase of a five-color press to meet the demands of modern charting programs; shipboard data processing equipment; and automated marine charting hardware.

Satellite Operations - Funds are requested to provide for around-the-clock operation and maintenance of Command and Data Acquisition ground facilities; procurement of unique ground equipment for the new ITOS-F and GOES satellites; and continued operation and maintenance of the data processing facility and the Washington-Moscow communications link. While the appropriation request is somewhat less than in 1969, the use of carry-over funds will make it possible to maintain approximately the same program level.

DUKE AWARDED N.C. SAFETY PLAQUE

Sam F. D. Duke, meteorologist in charge of the Wilmington, N.C., Weather Bureau office, has been commended for his efforts in the southeastern North Carolina safety program. The plaque reads, "Federal Safety Council of Southeastern North Carolina Outstanding Service Award - 1959-1968."

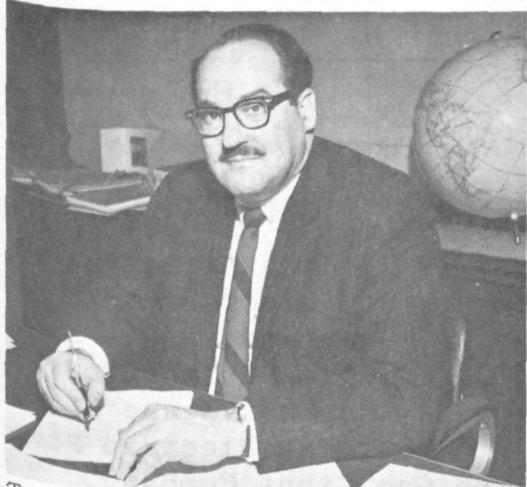
DR. WHITE RECEIVES AMS AWARD

The Cleveland Abbe Award for distinguished service to atmospheric sciences by an individual was conferred on Dr. Robert M. White, ESSA Administrator, at the annual banquet of the American Meteorological Society, held Jan. 22 in New York City. Dr. White was cited "for distinguished scientific contributions to a better understanding of the general circulation, for exceptional administrative leadership in both the private and public sectors, and for wide and imaginative statesmanship in the international aspects of the atmospheric sciences."

ESSA OFFICIALS ATTEND N.Y. AMS MEETING

The 49th annual meeting of the American Meteorological Society held Jan. 20-23 in New York brought together the nation's foremost leaders in the field of weather. ESSA scientists speaking at the AMS event were: Dr. R. Cecil Gentry, Director, National Hurricane Research Laboratory, Miami; Dr. R. H. Simpson, Director, National Hurricane Center, Miami; Dr. Joseph Smagorinsky, Director, Geophysical Fluid Dynamics Laboratory, Princeton, N. J.; Dr. Edwin Kessler, Director, National Severe Storms Laboratory, Norman, Okla.; David S. Johnson, Director, National Environmental Satellite Center, Suitland, Md.; Glenn W. Brier, Chief, Meteorology Statistics Group, ERL, Washington, D. C.; William L. Woodley, Experimental Meteorology Branch, Miami; and Dr. Roger Lhermitte, ESSA Research Laboratories, Boulder, Colo. Dr. George S. Benton, Director of ERL and President-elect of the AMS, assumed the presidency.

PRINCETON U. GFDL FACILITY DEDICATED



The dedication of ESSA's new Geophysical Fluid Dynamics Laboratory on Princeton University's James Forrestal campus on Jan. 24 coincided with a two-day international scientific symposium concerned with an assessment of progress made by the Global Atmospheric Research Program (GARP), Jan. 24-25. Opening the symposium was a keynote address by Dr. Jule G. Charney, the Sloan Professor of Meteorology at the Massachusetts Institute of

Technology. Dr. Charney's address was followed by sessions dealing with the interaction of GARP with related areas of science and technology, and with specific atmospheric research problems.

Dr. Robert M. White, ESSA Administrator, and Princeton University President Robert F. Goheen spoke at the GFDL dedication. According to the Director of GFDL, Dr. Joseph Smagorinsky (above left) one of the Laboratory's most important goals is the development of mathematical techniques for long-range weather prediction. As one part of the University-GFDL cooperation, a new interdepartmental program in Geophysical Fluid Dynamics has been created for Princeton graduate students. University students and faculty members working in areas of GFDL interest will also have access to the computers, which are among the most powerful of any now being manufactured.

MacCUTCHEON NAMED APA PRESIDENT



E. M. MacCutcheon, technical assistant in the office of the Director of the Coast Survey, assumed the national presidency of the Federal Professional Association on Jan. 1. Mr. MacCutcheon, former technical director of the Naval Civil Engineering Laboratory, was one of the charter members of the organization. The Federal Professional Association is the only government-wide organization devoted exclusively to the problems and welfare of the 230,000 federally employed executives, scientists, and professionals in all disciplines and in all agencies.

MRS. MARKHAM RETIRES

Mrs. Olga H. Markham, accounting technician at the WB Central Region headquarters, Kansas City, Mo., retired on Jan. 11, after 27 years of Federal service. Mrs. Markham has been with the Kansas City office for the past 20 years.



DR. HALLGREN IN SEMIFINALS FOR FLEMMING AWARD

Dr. Richard E. Hallgren, Director of ESSA's Office of World Weather Systems, has been chosen one of the semi-finalists for the Arthur S. Fleming award, which, each year, honors the 10 most outstanding young men in government. The awards are sponsored by the D.C. Junior Chamber of Commerce in cooperation with the Chesapeake and Potomac Telephone Co., the Potomac Electric Power Co., and the Washington Gas Light Company.

STICKNEY DIES IN AUTO ACCIDENT

George F. Stickney, physical science technician at the Fredericksburg Geomagnetic Center, died Jan. 11 as a result of injuries sustained in an automobile accident. Mr. Stickney joined the Center's staff in 1956.

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, Rockville, Md. 20852. Phone (301) 496-8243.

National Oceanic and Atmospheric Administration

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July 23, 2010