

furnish gaseous training to men applying for first-class certificates and fire boss certificates of competency. This work is being done in cooperation with the United States Bureau of Mines (Acts 1949, Ch. 305, secs. 36, 37, 40, 41, 43, 44, 45; Code 1939, Art. 89, secs. 38, 39, 42).

	Expenditures	Appropriation
	1949	1950
General Funds .....	\$ 32,900.64	\$ 33,473.00
Staff: 7.		



**DEPARTMENT OF RESEARCH AND EDUCATION**

The Commission:

Chairman: B. H. Willier, 1954

E. N. Cory, 1950; Franklin D. Day, Secretary, 1952; Earle T. Hawkins, 1953.

R. V. Truitt, Director

George B. Gray, Administrative Assistant

Solomons

Telephone: Solomons 2771

The Department of Research and Education was created in 1941 to function as a fact gathering and fact disseminating agency in the promotion of conservation work in Maryland, and to carry on the work of the State Weather Service. Supervision of the Department is vested in a Commission of Research and Education, consisting of five members appointed by the Governor from among the citizens of the State, each of whom must have either special training in or experience with natural resources. The members are appointed for terms of five years with overlapping tenure of office. The members of the Commission select their Chairman and appoint the Director of the Department and such staff members as may be necessary (Code 1947 Supp., Art. 19A, secs. 12D.-12G.).

The Department maintains four major programs—research, education, hatcheries, and the State Weather Service. The center for the researches and the educational program is at Solomons Island, the Chesapeake Biological Laboratory. The research program is concerned primarily with the applied aspects of conservation. Biological and economic problems, including hydrography and pollution, dealing with the more prominent fisheries have been emphasized. A periodical, research reports and educational pamphlets are issued. Emphasis in this work is on the school and college level. Lectures and demonstrations are provided for adults through clubs and other agencies. Courses are held at the Chesapeake Biological Laboratory for graduate students, teachers, school administrators and conservation law enforcement officers. Hatcheries for commercial fishes, the yellow perch and the shad, are provided at Severn Run and on the Potomac River. Fry are provided for all major tributaries and streams in the State. The State Weather Service is a joint project of the Federal government and the State. It provides pertinent and useful information to the general public, especially to the farmers and to air and water transportation interests. Headquarters for the Service are in the U. S. Customhouse, Baltimore.

Expenditures, 1949 .....	\$134,233.84
Appropriation, 1950 .....	\$129,351.00
Staff: 18.	