
Charles Bates Papers

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La Jolla 92093-0175

spcoll@ucsd.edu

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Descriptive Summary

Languages: English

Contributing Institution: Special Collections & Archives, UC San Diego

9500 Gilman Drive

La Jolla 92093-0175

Title: Charles Bates Papers

Creator: Bates, Charles C. (Charles Carpenter), 1918-

Identifier/Call Number: SMC 0123

Physical Description: 0.25 Linear feet(1 archives box)

Date (inclusive): 1943-2010 (bulk 1943-1982)

Abstract: The collection consists of papers documenting Charles Bates's career, including courses taken at the Scripps Institution of Oceanography (SIO) in 1943, and subsequent government service and consulting work.

Acquisition Information

Acquired 1997, 2011

Publication Rights

Publication rights are held by the creator of the collection.

Preferred Citation

Charles Bates Papers, SMC 123. Special Collections & Archives, UC San Diego.

OFF-SITE STORAGE

COLLECTION STORED OFF-SITE. ALLOW ONE WEEK FOR RETRIEVAL OF MATERIALS.

Biography

Charles Carpenter Bates was born in Illinois in 1918. He earned a B.S. in geology at DePauw University (1939) and worked briefly for the Carter Oil Company before being drafted into the Army. As an officer, he continued his education and participated in the first courses in military meteorology and oceanography taught by Harald Sverdrup at SIO in 1943. Captain Bates earned his M.A. in physics and meteorology from UCLA in 1944 and, shortly thereafter, provided meteorological and surf condition forecasts for amphibious operations in Europe and the Pacific. He received the first Ph.D. awarded in oceanography by Texas A & M University in 1953. Bates was a civilian scientist and administrator for various offices and programs of the U.S. Navy from 1946-1968, and science advisor to the Commandant of the U.S. Coast Guard from 1968-1979. His consulting firm, A.H Glenn & Associates (est. 1947), provides meteorological forecasting services for offshore drilling companies.

Bates is the author of many articles and books, including *Geophysics in the Affairs of Man* (1982), *America's Weather Warriors* (1986), and *Hydro to Navoceano: 175 Years of Ocean Survey and Prediction* (2005).

Scope and Content of Collection

The collection consists of papers documenting Charles Bates's career, beginning with his studies in military meteorology and oceanography under Harald Sverdrup at SIO in 1943. It contains material documenting Bates's subsequent service with the U.S. Army Air Force, the U.S. Navy, and the U.S. Coast Guard, and one folder on the founding of his consulting firm, A.H. Glenn & Associates.

Relate Materials

SIO Biographical Files, SAC 5. Special Collections & Archives, UC San Diego.

Subjects and Indexing Terms

Military meteorology -- Study and teaching

Weather forecasting

Oceanography -- Study and teaching

Ocean waves

Bates, Charles C. (Charles Carpenter), 1918- -- Archives

Sverdrup, H. U. (Harald Ulrik), 1888-1857

PAPERS

Box 1, Folder 1	Oceanography and meteorology courses with Harald Sverdrup 1943-1947 General Includes class worksheet with sample data points for wave forecasting with Sverdrup-Munk method; the final examination for SIO's first Oceanography course.
Box 1, Folder 2	Operation Crossroads 1946 General Includes index to Bates's working library at Far East Air Forces Weather Central.
Box 1, Folder 3	A. H. Glenn & Associates 1947-1981 General Materials on the founding of the firm, and meteorological consulting for the offshore oil industry, particularly in the Gulf of Mexico.
Box 1, Folder 4	Vela Uniform correspondence 1964
Box 1, Folder 5	U.S. Naval Oceanographic Office correspondence 1965
Box 1, Folder 6	Lecture, "The ocean, its data, and the U.S. Coast Guard" 1969
Box 1, Folder 7	Summary, 1st Meeting of the Joint Marine Facilities Panel (Tokyo, Japan) 1970
Box 1, Folder 8	Partial manuscript, <i>Geophysics in the Affairs of Mankind</i> (Bates, Gaskell and Rice) ca. 1982
Box 1, Folder 9	Unpublished manuscript, <i>Sea, Swell and Surf Forecasting for D-Day and Beyond: The Anglo-American Effort, 1943-1945</i> 2010
Box 1, Folder 10	Photographic portrait 1965, 1975