Robert Siple Arthur Papers, 1940-1989

Physical Description: .4 linear ft. (2 archives boxes, and 2 map case folders)

Digital Content: Selected materials from this collection have been digitized. Search the UC San Diego Digital Library website http://library.ucsd.edu/dc/ using the search phrase "Robert Siple Arthur"

Description: Papers of physical oceanographer Robert S. Arthur which largely document his career as a professor of oceanography at the Scripps Institution of Oceanography. The collection includes course notes for UCLA Meteorology 103, SIO Oceanography 110 (1956, 1961), 210 (1948-1949), 210b, and 211 (1951), a small amount of correspondence, and extensive notes on students of oceanography 1938-1959 apparently collected for a Report by The Committee on Education and Recruitment of the American Society of Limnology and Oceanography in 1960.

The collection also contains teaching notes and lists of Ph.D. committees on which Dr. Arthur served. The collection contains over a hundred color and black and white slides, including images of the campus of Scripps Institution of Oceanography and UC San Diego, SIO expeditions including Shellback (July-August 1952), and Friday Harbor taken in 1950.

The collection includes several photographs, including a snapshot of Walter Munk and Harald Sverdrup in academic dress. The donor loaned an original negative of Clete Burke and Robert S. Arthur, c1946 and two portrait photographs of Robert S. Arthur in naval uniform for copying. The collection includes a copy of a color caricature of Harald Sverdrup labeled "J. Parilla, Seville, XXIX." The original of this item, signed "To Robert S. Arthur with thanks for years of collaboration from HU Sverdrup" and the original portrait photographs of Robert S. Arthur were returned to the donor.

The collection includes four cloth survival charts prepared by Harald Sverdrup during World War II under contract with the Army Air Force. Color copy prints were made (see container list, Box 2) and scans are available through the UC San Diego Digital Library Website (see container list for links). These charts have also been referred to as "waterproof handkerchiefs" as pilots are said to have worn the silk charts as scarves. Briefly, in 1942, Capt. Eddie Rickenbacker's plane was downed over the Pacific and his rescue was delayed by the difficulty of locating survivors at sea. The Army Air Force initiated a contract with the Scripps Institution of Oceanography to prepare a series of pilot charts of Pacific areas annotated with information on currents which could be printed on silk and stowed in life boats to help meet such emergencies. The Air Sea Rescue Agency approved search procedures over oceans and indicated that the cloth survival charts were used successfully on many occasions in the Pacific.

BOX  FLD  FOLDER TITLE

1  RSA Personal, n.d.
    RSA Personal, 1944-1979
    RSA Personal, 1981-1989
    RSA Correspondence, 1950-1988
    RSA Signed and Annotated Reprints, 1940-1950
    RSA Signed and Annotated Reprints, 1954-1957
    RSA Signed and Annotated Reprints, 1962-1981
    RSA Notes, Oceanography 110, 1956
    RSA Teaching Notes, Introduction to Physical Oceanography #110, 1961 Fall
    RSA Notes for Course 210B, Physical Oceanography, n.d.

2  RSA Wave Notes Course 211 (Walter Munk), UCLA Meteorology 103 Notes, n.d.
    RSA Class Notes for a Course in Ocean Waves #211, 1951
    RSA Notes on Teaching, 1949-1967
    RSA Beta Spiral Notes, Stommel & Schott, 1979
    RSA Student Committees, 1950-1953
    Summary, Students Majoring in Physical Oceanography, 1938-1955
    Recruitment Report Statistics for SIO, 1938-1970
    Color copy print of a caricature of Harald Sverdrup signed by J. Padrilla, c1946
    8x10 color copies (on paper) of silk cloth survival charts
    RSA slides (no captions listed, folders 10 and 12)
    RSA Slides, Friday Harbor, 1950 (Slide Captions Listed Below)

    • June 1950. Cantilever Pier
    • June 1950. Cottages at Friday Harbor
    • June 1950. Lab Buildings
    • June 1950. Lab 6
    • July 4, 1950. Woods at Friday Harbor
    • July 4, 1950. Fishing boat and lab beyond
    • July 4, 1950. Mail boat and Brown Island
July 6, 1950. Oceanography Class on the "ONCHY," Waldichuck, Wang, Burtner, Ayres, Barnes, Carlson
July 6, 1950. 1026 PST. View to East Toward Alden Pt., Patos Is. of Boundary
July 6, 1950. 1030 PST. Water Boundary Looking Toward East Pt., Saturna Is. Rough water
July 11, 1950. 1030 PST. Tide rips looking south toward middle channel
July 11, 1950. 1035 PST. Rips and Boils in middle channel between Deadman and Goose Islands. Flood Current 2-3 Knots from Onchy
July 11, 1950. 1040 PST. Whirlpool, boils, rips in middle channel from ONCHY
July 11, 1950. 1700 PST. Turn Island and Ware of Onchy
July 11, 1950. 1700. Cantilever Pier and Turn Is. - Note slicks
July 11, 1950. Heavy Grab Sampler Ready for Lowering
July 21, 1950. 3 FT. Mud Core from South of East Sound
July 21, 1950. Coring Device
July 21, 1950. Cleve's HYDA
July 21, 1950. HYDA approaching dock
July 21, 1950. Kuellenberg Type
July 21, 1950. Grab Sampler "Ready"
July 21, 1950. 1136 PST. Grab Sampler on Deck and Release of Sample
July 21, 1950. 1138 PST. Grab Sample from 50f between Lawson Reef and Smith Island Shell and Coarse Mud
July 21, 1950. 1140 PST. Emery Type Sampler in "Ready" position
July 29, 1950. View of Onchy From Dock
July 30, 1950. 1030 PST. View Toward West and Victoria Across Haro Strait, View from Near Lime Kiln Light
July 30, 1950. 1030 PST. Slicks Across Haro St. from near Lime Kiln Windblown Douglas Fir
July 30, 1950. 1030 PST. Slicks to North from Near Lime Kiln
July 30, 1950, 1030 PST. View of slicks to south from Near Lime Kiln Light Haro strait Tide Ebbing from N. to S. at 1-2 Knots
July 30, 1950, 1030 PST. Windblown Fir Haro Strait from Lime Kiln Region
July 30, 1950 1500 PST. Yellow Island from "Heaven."
July 30, 1950 1500 PST. Harvey Channel from "Heaven."
July 30, 1950 1500 PST. Jones Island Toward Boundary Pass from "Heaven" Note current patterns
July 30, 1950 1600 PST. View of Lab Dock
July 30, 1950 1600 PST. Ferry "Klickitat" and Mt. Baker from Cantilever
August 2, 1950 1000 PST 11' Mud Core Depth of 16f off Rosario, East Sound
Frank Wang on HYDA
- August 4, 1950. Urchins and Star Fish at Friday Harbor
- August 4, 1950 0900 PST. Vertical Velocity Meter in still water off U. of W. Lab Dock
- August 4, 1950 0915. Cliff Barnes With BT [bathythermograph] on HYDA off cattle PT
- August 4, 1950 1300 PST. Lowering Current Cross 60' Line Attached to Buoy
- August 4, 1950 1320 PST. Buoy Drifting with Deep Cross off Salmon Bank LT. Current 1 Knot to N.W. Note Wake Current Pole showed Spec. Current on 1 Knot to SW
- August 7, 1950 The Steam Engine
- August 7, 1950 Thomas G. Thompson, Jr.'s Steamboat at Lab Dock Note Fuel!
- August 8, 1950 1120 PST Current Pattern in San Juan Chan. Viewed from Near Cantilever toward Shaw Island wind 7mph-E-Anemograph
- August 9, 1950 1200 PST. Line of Vortices viewed from Cantilever to south wind 9-10mph, SSE
- August 11, 1950. Vertical Velocity Meter and Mike Waldichuck
- August 11, 1950. 1530 PST. Vertical velocity Meter in Tide Rip of TURN Light during Flood Current
- August 12, 1950, 1730. Fishing boats at F.H.
- August 12, 1950 1630. Madronna Tree in San Juan Park
- August 16, 1950 1630 Ferry "NISQUALLY" As Viewed from Lab 6

Map Case Folders


Cloth survival charts:
- Chart C-44. Borneo, North (Winter); verso Chart C-43 Mindanao Island (Winter)
  - http://library.ucsd.edu/dc/object/bb56326201
  - http://library.ucsd.edu/dc/object/bb35848216
- Chart C-860 Bintan Island (Summer & Winter); verso Chart C859, Penang Island.
  - http://library.ucsd.edu/dc/object/bb2253754v
  - http://library.ucsd.edu/dc/object/bb4642849m
- Chart S12-2-36 Caroline Is., Central (Summer & Winter); verso S12-17 Marianas Is.
  - http://library.ucsd.edu/dc/object/bb4847631v
  - http://library.ucsd.edu/dc/object/bb0308339k
• Chart S12-2-40 Caroline Is., Western (Winter & Summer); verso S12-2-20 Palau Is. Area & N.W. New Guinea.
  o [http://library.ucsd.edu/dc/object/bb8977358t](http://library.ucsd.edu/dc/object/bb8977358t)
  o [http://library.ucsd.edu/dc/object/bb00011743](http://library.ucsd.edu/dc/object/bb00011743)

Folder 2: Sketch of Donald Duck (possibly a photocopy?) Approximately legal-sized.