

Accession No.:97-18

PROCESSING RECORD
SCRIPPS INSTITUTION OF OCEANOGRAPHY ARCHIVES

Winant, Clinton D. 1944-

Clinton D. Winant Papers, 1978-1997

Physical Description: 11 mss, 1 ½ mss

Arrangement of Collection: Arranged in four series: Teaching Files, Research Files, Computation Notebooks, Data

Description: The papers include teaching files, research files, computation notebooks and data. Teaching files include course notes, syllabi, examination questions and other material documenting SIO courses including SIO 214, Introduction to Fluid Mechanics, 215, Experimental Fluid Mechanics and 219, Introduction to Turbulence. Research files include information on the Gibraltar Experiment and files documenting the Central Ocean Dynamic Experiment (CODE). Winant was a principal investigator for the CODE project, a four year National Science Foundation funded multi-institutional oceanographic project to identify and quantify the processes that govern wind-driven currents over the continental shelf. CODE was funded in 1980 and began work in 1981. Computation notebooks include information on the Gulf of California Experiment and CODE. The Data Series consists mainly of information on CODE.

Coastal Ocean Dynamics Experiment; Continental shelf California; Ocean currents Mexico California, Gulf of;
Ocean circulation Pacific Ocean; SIO MC 37

CLINTON D. WINANT**Papers, 1978-1997****Accession Number 97-18**

Box	Folder	Folder Title
TEACHING FILES SERIES		
1	1-2	SIO 214, Fall 1978-1987
	3-4	SIO 214A Introduction to Fluid Mechanics, Problem Solutions, 1982-1991
	5-6	SIO 215 Experimental Fluid Mechanics, As Taught (Winant), Spring 1975
	7-8	Teaching Notes, Spring 1977
	9	SIO 219 Introduction to Turbulence, 1994
2	1-2	SIO 219B Coastal Circulation, Lectures Myrl [Hendershott], Nan [Bray], Fall 1990
	3-5	Lectures 1-6, Fall 1990
	6	CODE Address/Telephone Lists, 1987
	7	CODE Original Proposal, 1978-1987
	8	CODE Correspondence, 1981-1982
	9	CODE Proposals, 1981-1984
	10	CODE Proposals, Oregon State University, 1984
	1	CODE Proposals, WHOI, 1984
3	2	CODE Proposals, University of New Hampshire, 1984
	3	CODE Proposals, UC Irvine, 1984

- 3 4 CODE Proposals, SIO, 1984
- 5 CODE Proposals, Allocation, 1980
- 6 CODE Final Project Reports
- 7 CODE Email, 1987
- 8-9 CODE-II Data Analysis Proposal
- 10 CODE Renewal Proposals

- 4 1 CODE Proposals, 1 March 1980
- 2-4 DAVIS/WINANT Proposal

RESEARCH FILES SERIES

- 5 Gibraltar Experiment, CCS Thermistor, Data Processing, Claude Richez, March 1991, Annex I
- 6 Annex II
- 5 1 Annex III
- 2 Annex IV
- 3 Annex V
- 4 Annex VI-IX
- 5 Dorman, Clive E. And Stephen L. Arnold, "Meteorological Observations from the Algeciras-Tangier Ferry and near Tarifa, Spain in 1986. SDSU Center for Marine Studies, Technical Report TR 88-1, September 1988
- 6 Merrifield, Mark A., Antoine Badan-Dangon and Clinton D. Winant, "Temporal Behaviour of Lower Atmospheric Variables over the Gulf of California, 1983-1985. A Data Report. SIO Reference Series 87-6

COMPUTATIONS NOTEBOOKS

- 7 Gulf of California Experiment, 19-26 Oct. 1982
- 8 Mooring Recoveries, P6, Gulf of California 11/12/84

COMPUTATIONS NOTEBOOKS (continued)

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|---|---|---|
| 6 | 1 | Computation Book III, Redcope |
| | 2 | Computation Book IV |
| | 3 | Computation Book V |
| | 4 | Computation Book VI |
| | 5 | Computation Book VII |
| | 6 | Computation Book VIII |
| | 7 | Computation Book 10, 1 July 1989 |
| | 8 | NCCCS Analysis, 10 Year Met., 1 July 1990 |
| 7 | 1 | Amanda Notes (SPARC2-UMX) Jan.-Dec. 1995 |
| | 2 | CODE (Coastal Ocean Dynamic Experiment) Leg 1, Cruise R/V WELCOMA |
| | 3 | CODE-1 Data Patches |
| | 4 | CODE Formal Data Requests, 1982-1983 |

DATA SERIES

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|---|----|--|
| | 5 | CODE Overflight Data Reports & Analysis |
| | 6 | CODE: Mooring Designs |
| | 7 | CODE Transparencies |
| | 8 | CODE O Data Report |
| | 9 | CODE Technical Report #2 |
| | 10 | Friehe, Carl A., "Data Summary: Aircraft Flights During the Coastal Ocean Dynamics Experiment (CODE), 22 April-22 May 1981, Part 1 Vertical Profiles, September 1981 |
| 8 | 1 | SIO Reference No. 83-13 July 1983 |
| | 2 | Friehe, Carl A. And Clinton D. Winant, "Contoured Aircraft Survey |

DATA SERIES (continued)

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|----|-----|--|
| 8 | 2 | Data for CODE-1, 1981. SIO Reference Series 84-20 July 1984 |
| | 3 | Friehe, Carl A. "Data Report Atmospheric Vertical Profile Data from the NCAR Research Aircraft in CODE-2, 1982, Part 2" CODE Report No. 31 NSF OCE-8214949 |
| 9 | 1 | Part 3 |
| | 2 | Spatial Distrib. Of Lower Atmos. Var. Over Gulf of California, Vol. L, Summer '83 |
| | 3 | NCAR Overflight Maps |
| | 4-6 | CODE-1 NCAR Overflight Data |
| | 7 | NCAR RAF-DATA, 1981 |
| 10 | 1 | NCAR RAF-DATA, 1982 |
| | 2 | NCAR RAF DATA CODE II Flight DATA, 17 May 1982 |
| | 3 | NCAR RAF-DATA |
| | 4 | CODE Pressure |
| | 5 | CODE-1 Analysis |
| | 6 | CODE Statistics |
| 11 | 1-2 | CODE-2 Dynamics |
| | 3 | CODE-O CTD DATA Report 30 May – 1 June 1980 R/V <u>New Horizon</u> |
| | 4 | Gulf of California Time Series |
| | 5 | Longshore Coherence Study |
| | 6 | Wintertime Longshore Coherence Study, Jan-May 1983 |
| | 7 | Bane, John M. et. Al., "The California Coastal Marine Layer: Winds Thermodynamics: Technical and Data Report June 1994 Aircraft Measurement Program." University of North Carolina at Chapel Hill, Technical Report No. CMS-95-1, May 1995 |

DATA SERIES (continued)

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| 12 | 1 | “Circulation on the Northern California Shelf and Slope: Final Report of the Northern California Coastal Circulation Study.” US Department of the Interior, Minerals Management Service MMS 91-0023 |
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