

National Climatic Data Center

DATA DOCUMENTATION

FOR

DATASET 1169 (DSI-1169)

COADS Monthly Summary Trimmed Box Sort

November 25, 2003

National Climatic Data Center
151 Patton Ave.
Asheville, NC 28801-5001 USA

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Table of Contents

| <u>Topic</u> | <u>Page Number</u> |
|---|--------------------|
| 1. Abstract..... | 3 |
| 2. Element Names and Definitions: | 3 |
| 3. Start Date..... | 3 |
| 4. Stop Date..... | 3 |
| 5. Coverage..... | 3 |
| 6. How to order data..... | 3 |
| 7. Archiving Data Center. | 3 |
| 8. Technical Contact..... | 3 |
| 9. Known Uncorrected Problems..... | 3 |
| 10. Quality Statement..... | 4 |
| 11. Essential Companion Data Sets..... | 4 |
| 12. References..... | 4 |

1. **Abstract:** Global marine data observed during 1854-1979, primarily by ships-of-opportunity, have been collected, edited, and summarized statistically for each month of each year of the period, using 2° latitude X 2° longitude boxes. Each of the 70 million unique reports contains 28 elements of weather, position, etc., as well as flags indicating which observation were statistically trimmed. The summaries give 14 statistics, such as the median and mean, for each of eight observed variables of air and sea surface temperatures, wind, pressure, humidity, and cloudiness, plus 11 derived variables. Relatively noisy (untrimmed) individual reports and summaries (giving 14 statistics for each of the eight observed variables) are available for investigators who prefer their own quality control. Two other report forms, inventories, and decade-month summaries are among the other data products available.

2. **Element Names and Definitions:**

More information can be found here:

http://www.cdc.noaa.gov/coads/coads_cdc_netcdf.shtml

3. **Start Date:** 18540101

4. **Stop Date:** 19871231

5. **Coverage:**

- a. Southernmost Latitude: -90.0S
- b. Northernmost Latitude: 90.0N
- c. Westernmost Longitude: -180.0W
- d. Easternmost Longitude: 180.0E

6. **How to Order Data:**

Ask NCDC's Climate Services about the cost of obtaining this data set.
Phone: 828-271-4800
FAX: 828-271-4876
E-mail: NCDC.Orders@noaa.gov

7. **Archiving Data Center:**

Archive Branch
National Climatic Data Center
151 Patton Avenue
Asheville, NC 28801

8. **Technical Contact:**

National Climatic Data Center
151 Patton Avenue
Asheville, NC 28801

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9. Known Uncorrected Problems: None.

10. Quality Statement:

11. Essential Companion Datasets:

12. References:

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