Inventory of Meteorological Records in National Archives, 1965

- List of important correspondence (page 7)
- Records of surface land observations, 1819 – 1941 (page 12)
- Records of marine observations, 1842 – 1930 (page 17)
- Records of polar expeditions, 1881 – 1923 (page 18)
- Fort data, 1821 – 1854 (page 21)
- Coastal survey notebooks (page 27)
- Early data from various countries, 1874 – 1892 (page 29)
- And other subjects (page 38 is the last page)

NOTE: I was on a trip to NCDC, Asheville, in Nov 2002. Gus Shumbera gave me a copy of this text.

THIS TEXT HAS 43 PAGES.
READY FOR SCAN DEC 5, 2002.
DOCUMENT RJ0238

Roy Jenne
Nov 2002
Dick Davis (at NDC) has lots of old W.B. records, sure I which Frank Burch had been interested in transferring to NDC. William Bartlett & I Thought you may want to keep this in file (as Records Office). if not, send it back & I'll keep it.

Y.H.A.O.S.

Rob Quayle

P.S. I already have an old copy of Re Finneman report of May '65.
November 10, 1981

Mr. Bill Bartlett
National Climatic Center (D54XI)
Federal Building
Asheville, NC 28801

Dear Bill:

I have found no trace of the sea temperature and sea height data from the Peruvian Naval College—neither in the Weather Bureau records nor in the records of the Navy Hydrological Office. Correspondence from our Naval Mission to Navy Hydro transmitted the kind of information that Hydro put on its charts. Mark Spaeth called me after I last talked to you, and he knows we have not found the data. I asked him to ask the man in Peru how he knows that the sea data was sent to Washington.

The NCC marine met microfilm index has not yet arrived here.

Sincerely,

FRANKLIN W. BURCH
Director, Center for Polar and Scientific Archives

RECEIVED

523-3288
Preliminary Inventory of Operational and Miscellaneous Meteorological Records of the Weather Bureau

(Record Group 27)

Compiled by

Helen T. Finneran

May 1965

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INTRODUCTION

The Weather Bureau was established in the Department of Agriculture by an act of Congress, approved October 1, 1890 (26 Stat. 653). By the President's Reorganization Plan No. 4, it was transferred to the Department of Commerce, effective June 30, 1940. It is the latest in a succession of Federal agencies that have engaged in the collection, compilation, and interpretation of meteorological observations. The earlier agencies were the Surgeon General's Office of the Army, the General Land Office, the Smithsonian Institution, and the Office of the Chief Signal Officer of the Army.

In 1814 the regulations of the Army provided that a hospital surgeon at each military post should keep a diary of the weather, but the War of 1812 prevented efficient compliance with this order. In 1819 Surgeon General Joseph Lovell remarked that "every physician who makes a science of his profession or arrives at eminence in it will keep a journal of this nature as the influence of weather and climate upon diseases, especially epidemic, is perfectly well known. . . . To this end every surgeon should be furnished with a good thermometer, and in addition to a diary of the weather, should note everything relative to the topography of his stations, the climate, complaints prevalent in the vicinity, etc. that may tend to discover the causes of diseases, to the promotion of health, and the improvement of medical science."[1]

Organized meteorological observations were attempted also by Josiah Meigs, who, when Commissioner of the General Land Office in 1817, petitioned Congress to pass a resolution looking to the keeping of meteorological registers at the several land offices throughout the country. Congress failed to provide the necessary instruments or to have the observations taken under the sanction of public authority. Meigs, however, solicited the aid of the registers at the various land offices, inducing them to forward with their official monthly report observations of temperature, wind, other weather phenomena taken in the morning, at 2 p.m., and in the evening.

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The meteorological work of the Smithsonian Institution began in 1847 under the leadership of Joseph Henry. The Institution collected all the records of extant observations that it could find and instituted throughout the country its own system of obtaining weather data from voluntary observers. It obtained the cooperation of the Patent Office, under whose auspices compilations of them were published; and it received and analyzed reports of weather observations made by other

agencies, namely, the Coast Survey of the Department of the Treasury, begun in 1843, and the Corps of Topographical Engineers, whose observations along the shorelines of the Great Lakes were initiated in 1859.

The Signal Corps in 1870

With the establishment of the meteorological service of the Signal Corps in 1870, the work of the Smithsonian Institution declined, and in 1874 Joseph Henry proposed to transfer to the Signal Office the institution's extensive collection of meteorological reports made by voluntary observers in all parts of the United States. This transfer of observations was approved by the Secretary of War, and the accumulated reports of 383 observers were placed in the custody of the Signal Office. On February 4, 1870, the Secretary of War was directed to have meteorological observations made at military stations and at other points in the interior of the continent and to give warnings about storms on the northern lakes and along the seaboard (16 Stat. 369). This weather service was also assigned to the Signal Office.

The Signal Office soon began to collect marine reports also, similar to those collected by the Navy Department and, in 1871, it sent out circulars to navigators and shipowners requesting that daily simultaneous observations be made at sea and transmitted to its Weather Service whenever a vessel arrived in port. Scientists from different countries meeting in Vienna in 1873 agreed to record daily simultaneous observations throughout the world. In 1875 the Signal Office began issuing a printed bulletin embodying these international simultaneous observations, and a copy of the bulletin was furnished to each cooperative observer. The scope of the weather observations now extended practically around the northern hemisphere. In 1883 the Signal Office discontinued the collation of marine observations, which were thereafter forwarded to the Hydrographic Office of the Navy Department.

The meteorological work became more extensive and important with each succeeding year and by 1889 absorbed practically all the time of the Signal Corps. Apart from weather forecasts the work involved (1) the issuing of storm warnings and displaying of storm signals on the northern lakes and along the eastern seacoast; (2) gaging and reporting on water levels of important rivers, for the benefit of shipping; (3) maintaining and operating telegraph lines along the seacoast for the benefit of commerce and navigation and in the interior for the use of the army; (4) reporting temperature and rainfall for information for the cotton industry; (5) displaying frost warnings in the interest of agriculture; and (6) sending out advance warnings of cold waves for the benefit of the general public.

Agitation for the transfer of the Weather Service to a civilian agency began as early as 1882. By an act approved on October 1, 1890 (25 Stat. 653), the Weather Bureau was officially recognized and was transferred to the Department of Agriculture, effective July 1, 1891.

The Weather Service was now reorganized so that it might better carry out the expressed wish of Congress, namely, to develop and broaden its activities in the interest of agriculture. The most experienced and competent local weather forecasters were assigned to the larger cities and authorized to make weather predictions for their areas, enabling them to furnish a more detailed description of local weather conditions than was possible from the Washington office. More emphasis was placed on the use of weather maps in forecasting. Stations located at military posts were abolished, and new stations were established. The Weather Bureau resumed the work of collecting and publishing meteorological reports from vessels, thus supplementing the work of the Hydrographic Office. In 1904, upon the recommendation of an inter-departmental Board appointed by the President, the records and meteorological work of the Hydrographic Office were transferred to the Climatology Division of the Weather Bureau. In 1920 a Marine Division was established to supervise the work of processing meteorological information received from voluntary observers on ocean-going vessels, prepared charts of the meteorology of the ocean, and supply data used in the preparation of pilot charts issued by the Hydrographic Office. This Division was abolished in 1940 and the work was assigned to the Marine Climatology Section of the Climatological Services Division and Radio Marine Section of the Synoptic Reports and Forecasts Division.

Various other developments followed. The accumulated data were more thoroughly analyzed, the influence of weather upon animal and plant life was more intensely studied, and the public was kept better informed about results of weather studies. In cooperation with other Federal agencies, with state and municipal institutions, and with cooperative observers the Weather Bureau began to issue widespread and special warnings in the Caribbean Sea and the Gulf of Mexico; through the cooperation of other bureaus of the Department it sent out special warnings in areas producing fruit and truck crops, cold wave warnings to shippers and carriers of perishable agricultural products, harvest weather forecasts in important grain, hay, cotton, tobacco, and rice districts; it issued spraying-weather forecasts for fruit industries, special rain warnings in the fruit drying season, heavy snow warnings to livestock growers, shippers and carriers; and it gave drought warnings in grazing and irrigation areas, and fire weather warnings in forest areas. The gaging of streams and flood research was carried on with the assistance of the Bureau of Reclamation, the Corps of Army Engineers, and the Bureau of Geological Survey.
The development of aviation imposed upon the Weather Bureau a major new responsibility in the field of air transportation. By 1926 the Bureau was already providing this new industry with weather data, collected by means of radiosondes and other instruments. New stations for pilot balloon and surface observations were progressively established, communication facilities were increased, and field forecasting staffs were strengthened. This trend continued until, by 1956, the Aviation Weather Service was operating in the continental United States, Alaska, and over transocean routes. The domestic service then consisted of about 241 airport stations, connected by nationwide teletype circuits operated by the Civil Aeronautics Administration.

By the President's Reorganization Plan IV, effective June 30, 1940, the Weather Bureau was transferred to the Department of Commerce. Its functions were carried out by three services: technical, scientific, and administrative. Supervision over the field stations was exercised through seven (currently five) regional offices that were established in 1941.3 A tabulating center was maintained at New Orleans.

Shortly after its transfer the Weather Bureau had to adjust its functions to meet the exigencies of the approaching war. In cooperation with the Armed Forces it established, on July 1, 1940, a committee, later known as the Defense Meteorological Committee, to coordinate the nation's meteorological work, setting up for that purpose a special working committee on which the Civil Aeronautics Administration was also represented. By Executive Order 8991 of December 26, 1941, the Weather Bureau was designated a war agency.

To obtain greater efficiency and more rigid security in the handling of weather data the Defense Meteorological Committee was replaced in 1941 by the Joint Meteorological Committee, under authority of Executive Order 8991. The main function of the new committee was to assemble and interpret weather data for the Joint Chiefs of Staff. To this end it established a subcommittee for each of the following activities: meteorological and radio propagation, research and development, weather communications, weather plans, oceanography, climatology, and procurement and maintenance of instruments and other equipment.

As cooperation between the military forces of America and its Allies broadened, the Combined Meteorological Committee, consisting chiefly of American and British members, was established toward the end of 1942. Its relationship to the Combined Chiefs of Staff was similar to that of the Joint Meteorological Committee to the Joint Chiefs of Staff. It received and coordinated plans and data received from the

Records pertaining to meteorology may be found in other record groups in the National Archives. In Record Group 78, Records of the Naval Observatory, there is correspondence of Matthew Fontaine Maury, Superintendent of the Depot of Charts and Instruments, 1854-61, that supplements the abstract ship logs ("Maury Logs") and other records pertaining to his work in charting ocean currents; Record Group 112, Records of the Office of the Surgeon General, includes certain correspondence and instructions issued to the post surgeons whose reports on weather phenomena are among the records described in this inventory; and Record Group 37, Records of the Hydrographic Office, contains records of hydrographic surveys that are closely related to the records of marine observations that are described in entries 119-133 of this inventory.

In Record Group 16, Records of the Office of the Secretary of Agriculture, there are records that reflect the early cooperation in climatological work between the Patent Office and the Smithsonian Institution.

Personnel records for separated employees of the Weather Bureau have been transferred to the Federal Records Center at St. Louis, Mo.
OPERATIONAL AND MISCELLANEOUS METEOROLOGICAL
RECORDS OF THE WEATHER BUREAU

CORRESPONDENCE

Meteorological Correspondence of the
Smithsonian Institution, 1847-67

LETTERS RECEIVED. 1847, 1859-67. 23 vols. 4 ft.
Arranged chronologically except for Volumes 10 and 11, which are
arranged alphabetically by surname of correspondent.

LETTERS SENT. 1850-53. 1 vol. 2 in.
Arranged chronologically.

Meteorological Correspondence of the
Signal Office, 1870-93

Signal Series

LETTERS SENT. 1870-84, 1888-91. 26 vols. 5 ft.
Arranged chronologically.

LETTERS RECEIVED. 1870-91. 96 ft.
Arranged chronologically and thereunder by number assigned in the
Registers of Letters Received, with the exception of 1870 when the
arrangement was alphabetical by surname of writer and thereunder by
number assigned in the Registers.

REGISTERS OF LETTERS RECEIVED. 1870, 1872-91. 38 vols. 7 ft.
Arranged chronologically, each letter being given a number in con-
tinuous sequence, with the exception of the volume covering correspond-
ence for 1870, in which a separate set of numbers was maintained under
each letter of the alphabet.

Miscellaneous Series

LETTERS SENT. 1870-92. 77 vols. 3 ft.
Arranged chronologically.

LETTERS RECEIVED. 1870-84, 1888-95. 126 ft.
Arranged chronologically and thereunder by number assigned in the
Registers of Letters Received, except for the years 1870-71 when the
letters were filed alphabetically by surname of correspondent.

REGISTERS OF LETTERS RECEIVED. 1870-84, 1885-92. 29 vols. 6 ft.
Arranged chronologically.
Observers Series

LETTERS SENT. 1872-93. 144 vols. 25 ft.
Arranged chronologically.

LETTERS RECEIVED. 1872-93. 54 ft.
Arranged chronologically and thereunder by number assigned in the Registers of Letters Received.

REGISTERS OF LETTERS RECEIVED. 1872-93. 54 vols. 11 ft.
Arranged chronologically.

Chief Signal Officer Series

LETTERS SENT. 1876-86. 42 vols. 7 ft.
Arranged chronologically.

Voluntary Observers Series

LETTERS SENT. 1874-84. 11 vols. 1 ft.
Arranged chronologically.

LETTERS RECEIVED. 1874-84, 1888-93. 78 ft.
Arranged by year and thereunder by number assigned in the Registers of Letters Received, except for the period 1888-90 when the letters are arranged alphabetically by name of location.

REGISTERS OF LETTERS RECEIVED. 1874-83, 1888-93. 18 vols. 3 ft.
Arranged chronologically.

Records Series

LETTERS RECEIVED. 1887-94. 6 ft.
Arranged chronologically and thereunder by number assigned in the Registers of Letters Received.

REGISTER OF LETTERS RECEIVED. 1888-93. 1 vol. 3 in.
Arranged chronologically.

Agricultural Series

LETTERS SENT. 1873-78. 3 vols. 7 in.
Arranged chronologically.
LETTERS RECEIVED. 1873-77. 4 ft.
Arranged chronologically and thereunder by number assigned in the Registers of Letters Received.

REGISTERS OF LETTERS RECEIVED. 1873-77. 4 vols. 10 in.
Arranged chronologically.

Telegraphic Series

LETTERS SENT. 1873-77. 2 vols. 5 in.
Arranged chronologically.

LETTERS RECEIVED. 1873-77. 4 ft.
Arranged chronologically and thereunder by number assigned in the Registers of Letters Received.

REGISTERS OF LETTERS RECEIVED. 1873-77. 2 vols. 5 in.
Arranged chronologically.

LETTERS SENT FROM THE TELEGRAPH ROOM. 1874-77. 2 vols. 3 in.
Arranged chronologically.

RECORD OF TELEGRAMS SENT AND COPIES OF TELEGRAMS RECEIVED. 1871.
1 vol. 2 in.
Arranged chronologically.

Confidential Series

LETTERS SENT. 1884-89. 1 vol. 2 in.
Arranged chronologically.

LETTERS RECEIVED. 1884-89. 10 in.
Arranged chronologically and thereunder by number assigned in the Registers of Letters Received.

REGISTER OF LETTERS RECEIVED. 1884-89. 1 vol. 2 in.
Arranged chronologically.

State Weather Service Series

LETTERS RECEIVED. 1891-94. 30 ft.
Arranged chronologically, thereunder according to the number assigned in the Registers of Letters Received.

REGISTERS OF LETTERS RECEIVED. 1891-94. 2 vols. 5 in.
Arranged chronologically.
Correspondence Series

LETTERS RECEIVED. 1891-93. 18 ft.
Arranged chronologically and thereunder by number assigned in the Registers of Letters Received.

REGISTER OF LETTERS RECEIVED. 1891-93. 1 vol. 3 in.
Arranged chronologically.

LETTERS SENT BY THE CHIEF OF THE BUREAU. 1891-95, 1897-1911.
26 vols. 2 ft.
Arranged chronologically.

LETTERS SENT BY THE CHIEF CLERK ("CONFIDENTIAL"). 1893-97. 1 vol.
2 in.
Arranged chronologically.

LETTERS RECEIVED BY THE FORECAST DIVISION. 1893-94. 1 ft.
Arranged chronologically.

LETTERS SENT FROM CONCHO, TEX., FORT GIBSON, INDIAN TERRITORY, AND GRIERSON SPRINGS, TEX. 1873-85. 6 vols. 6 in.
Arranged chronologically.

REGISTERS OF LETTERS RECEIVED AT CONCHO, TEX., FORT GIBSON, INDIAN TERRITORY, AND GRIERSON SPRINGS, TEX. 1873-87. 7 vols. 7 in.
Arranged chronologically.

ROSTER OF OFFICERS, ENLISTED MEN, AND CIVILIANS EMPLOYED AT OFFICE OF THE CHIEF SIGNAL OFFICER. 1868-81. 1 vol. 1 in.
Arranged in three groups: commissioned officers, enlisted men, and civilian employees--and thereunder chronologically by date of assignment.

LIST OF MEN ON DUTY IN OFFICE OF THE CHIEF SIGNAL OFFICER. 1873-ca. 1881. 1 vol. 1 in.
Arranged alphabetically by name of person.

RECORDS RELATING TO ENLISTED MEN IN THE SIGNAL CORPS. 1881, 1884-90.
1 vol. 1 in.
Varied arrangement. Information is arranged by year, State, and name.

OFFICERS RECORD BOOK. n.d. 1 vol. 1 in.
Unarranged.
PROCEEDINGS OF THE BOARD OF OFFICERS FOR EXAMINATION OF ENLISTED MEN. 1880-86. 1 vol. 1 in. Arranged chronologically.

ORDER BOOKS. 1870-84. 13 vols. 3 ft. Arranged chronologically.

REPORTS AND MINUTES OF MEETINGS OF THE GENERAL BOARD OF ASSISTANTS. 1881-84. 2 vols. 3 in. Arranged chronologically.

STATEMENTS PREPARED FOR A SENATE COMMITTEE. 1887. 4 in. Unarranged.

RECORDS RELATING TO THE TRANSFER OF METEOROLOGICAL FUNCTIONS FROM THE WAR DEPARTMENT TO THE AGRICULTURE DEPARTMENT. 1887. 3 in. Arranged alphabetically by title of document.

General Correspondence of the Weather Bureau, 1894-1942

LETTERS RECEIVED. 1894-1911. 450 ft. Arranged chronologically and thereunder by number assigned in the Registers of Letters Received.

REGISTERS OF LETTERS RECEIVED. 1894-1911. 7 vols. 5 ft. Arranged chronologically.

INDEXES TO LETTERS RECEIVED. 1892-1906. 28 vols. 5 ft. Arranged alphabetically by name and, in separate volumes, alphabetically by subject.

GENERAL CORRESPONDENCE OF THE WEATHER BUREAU. 1912-42. 393 ft. Arranged according to the Dewey decimal classification scheme, thereunder alphabetically by name of person or place in chronological sequence. For select subject index, see appendix VI.

LETTERS RECEIVED BY R. A. FESSSENDEN. 1901-3. 2 ft. Arranged alphabetically by name of sender.

OPERATIONAL RECORDS

Administrative and Fiscal Records

LETTERS RECEIVED AT KITTY HAWK, N.C. 1879-81, 1887-89, 1895-96. 10 in. Arranged chronologically.
STATION INSPECTION REPORTS. 1871-ca. 1930. 103 vols. 27 ft.
Arranged alphabetically by name of station. 53

REPLIES TO CIRCULAR LETTERS. 1896, 1898. 3 vols. 9 in.
Arranged alphabetically by name of station. 54

RECORDS DESCRIBING WEATHER STATIONS. 1883-1904. 5 vols. 1 ft.
Arranged alphabetically by name of station. 55

ANNUAL REPORTS OF STATIONS. 1888-96. 18 vols. 4 ft.
Arranged alphabetically by name of station. 56

Records of Surface Land Observations, 1819-1941

MICROFILM COPIES OF SURFACE LAND OBSERVATIONS. 1819-92. 563 reels.
80 ft. 57
Arranged alphabetically by name of State, thereunder alphabetically
by name of station, thereunder chronologically.

SURFACE LAND OBSERVATIONS MADE OUTSIDE THE UNITED STATES. 1843-87.
4 ft.
Arranged alphabetically by name of country. 58

DAILY OBSERVATIONS OF METEOROLOGY AT MILITARY POSTS. ("Meteorological
Registers"). 1819-1916. ca. 660 vols. 60 ft. 59
Arranged alphabetically by name of State, thereunder by locality.

HOURLY OBSERVATIONS MADE AT EQUINOXES AND SOLSTICES AT MILITARY POSTS.
("Hourly Meteorological Registers"). 1821-54. 1 ft. 60
Arranged alphabetically by name of station. For list, see appendix I.

RECORDS OF OBSERVATIONS MADE AT THE NAVY YARD, PORTSMOUTH, N.H.
1842-52. 2 in.
Arranged chronologically. 61

COAST SURVEY NOTEBOOKS. 1843-73. 87 vols. 5 ft.
Unarranged. For a list of locations, see appendix II. 62

JOURNALS OF DAILY OBSERVATIONS MADE AT THE NAVAL OBSERVATORY, WASH-
INGTON, D.C. 1842-1913. 73 vols. 7 ft.
Arranged chronologically. 63

RECORDS OF OBSERVATIONS MADE AT SAVANNAH, GA. 1859. 2 vols. 2 in.
Arranged chronologically. 64
LAKE SURVEY RECORDS. 1859-76. 29 vols. 9 ft.
Arranged by type of observation.

WEEKLY METEOROLOGICAL RECORD. 1870-81. ca. 1,000 vols. 138 ft.
Arranged alphabetically by name of State, thereunder alphabetically by name of station.

STATION JOURNALS IN TEXAS. 1877-83. 9 vols. 2 ft.
Arranged chronologically.

METEOROLOGICAL OBSERVATIONS AT MACON, GA. 1873-82. 1 vol. 1 in.
Arranged chronologically.

RECORDS OF INTERNATIONAL SIMULTANEOUS OBSERVATIONS. 1874-92.
155 vols. 38 ft.
Arranged in numerical sequence. For alphabetical index, see appendix III.

OBSERVATIONS MADE BY EMPLOYEES OF THE NORTHERN PACIFIC RAILROAD.
1873-74. 1 in.
Arranged chronologically.

RECORDS OF OBSERVATIONS MADE AT STATIONS OF THE CENTRAL AND SOUTHERN PACIFIC RAILROAD. 1877-86. 3 vols. 5 in.
Arranged chronologically.

REPORTS OF SUNSET STATIONS. 1878-85, 1888. 5 in.
Arranged alphabetically by name of locality.

RECORDS OF OBSERVATIONS MADE AT PIKES PEAK AND COLORADO SPRINGS, COLO.
1882-83. 5 vols. 3 in.
Arranged chronologically.

RECORDS OF EVAPORATION STUDIES. 1907. 10 vols. 7 in.
Arranged chronologically.

REPORTS OF OBSERVATIONS TAKEN DURING THE TRANSIT OF HALLEY’S COMET.
1910. 4 in.
Arranged alphabetically by name of station.

RECORDS OF METEOROLOGICAL OBSERVATIONS AT MOUNT WASHINGTON, N.H.
1889-92. 1 vol. 1 in.
Arranged chronologically.

RECORDS OF METEOROLOGICAL OBSERVATIONS TAKEN AT BROWNsville, TEX.
1889-92. 1 vol. 1 in.
Arranged chronologically.
RECORDS OF OBSERVATIONS TAKEN AT MOUNT WEATHER, VA. 1905-14. 2 vols. 2 in.
Arranged by type of observation, thereunder chronologically.

METEOROLOGICAL SUMMARY FOR WOODS HOLE, MASS. 1873-95. 1 vol. 1 in.
Arranged chronologically.

RECORD OF STORMS. 1881-83. 1 vol. 3 in.
Arranged chronologically.

REPORT OF THUNDERSTORMS. 1885. 1 vol. 4 in.
Arranged alphabetically by name of station.

MONTHLY RECORDS OF STORM WARNINGS MADE BY STATION AT LUDINGTON, MICH.
1916. 1 vol. 1 in.
Arranged chronologically.

RECORDS OF BAROMETRIC CORRECTIONS. 1883-88. 8 vols. 5 in.
Unarranged.

REPORTS OF OBSERVERS IN THE COTTON REGIONS. 1883-1902. 14 ft.
Arranged alphabetically by name of State, thereunder alphabetically by name of station.

REPORTS OF OBSERVERS AT THE THIRD ORDER STATIONS. 1883-98. 4 ft.
Arranged alphabetically by name of State and thereunder alphabetically by name of station.

REPORTS OF OBSERVERS IN THE CORN AND WHEAT REGIONS. 1896-1902.
4 ft.
Arranged alphabetically by name of State, thereunder alphabetically by name of station.

REPORTS OF SPECIAL RAINFALL STATIONS. 1887-88. 6 in.
Arranged alphabetically by name of State, thereunder alphabetically by name of station.

RECORD OF DAILY AND FIVE-DAY MEAN TEMPERATURE READINGS. ca. 1879-1903. 2 ft.
Arranged alphabetically by name of station.

RECORDS OF SOLAR AND SKY RADIATION MEASUREMENT. ca. 1908-41. 10 ft.
Arranged alphabetically by name of locality.
RECORDS OF OBSERVATIONS IN THE WEST INDIES. 1881-92. 5 in.
Arranged alphabetically by name of station.

4 ft.
Arranged alphabetically by name of station and also chronologically.

MONTHLY SUMMARIES OF METEOROLOGY AT MILITARY POSTS. 1819-54, 1859-86.
12 vols. 2 ft.
Arranged chronologically.

BAROMETRICAL REGISTERS. 1855-68, 1876-82. 2 vols. 3 in.
Arranged chronologically.

MONTHLY AND ANNUAL SUMMARIES OF AVERAGE PRECIPITATION IN MISSOURI.
1856-1904. 1 vol. 2 in.
Arranged alphabetically by name of locality.

MONTHLY SUMMARIES OF DAILY PRECIPITATION FOR SOUTH CAROLINA.
1870-92. 3 vols. 1 ft.
Arranged alphabetically by name of station.

DAILY METEOROLOGICAL BULLETINS. Jan.-June 1871. 2 vols. 4 in.
Arranged chronologically.

MONTHLY SUMMARIES OF METEOROLOGICAL OBSERVATIONS FOR MIDDLETOWN, CONN.
1875-76. 1 vol. 3 in.
Arranged chronologically.

RECORDS OF TEMPERATURE READINGS. 1871-86. 1 vol. 2 in.
Arranged alphabetically by name of station.

RECORD OF RAINFALL READINGS. 1871-84. 1 vol. 1 in.
Arranged alphabetically by name of station.

RECORD OF BAROMETRIC PRESSURE. 1872-80. 1 vol. 2 in.
Arranged alphabetically by name of station.

RECORDS OF COMPARATIVE BAROMETER READINGS. 1873-84. 3 vols. 4 in.
Arranged alphabetically by name of station.

RECORDS OF COMPARATIVE TEMPERATURE READINGS. 1873-84. 3 vols.
3 in.
Arranged alphabetically by name of station.
ANNUAL REPORTS OF SIGNAL OFFICE STATIONS. 1888-96. 18 vols. 5 ft. Arranged alphabetically by name of station.

MONTHLY REPORT OF WEATHER BUREAU STATIONS. 1905-7. 63 vols. 11 ft. Arranged chronologically.

RECORDS OF CLOUD OBSERVATIONS. 1896-97. 11 vols. 7 in. Arranged chronologically.

PSYCHROMETRICAL REGISTERS. 1874-87. 2 vols. 3 in. Arranged chronologically.

METEOROLOGICAL ABSTRACTS ("ANNUAL SUMMARY OF METEOROLOGICAL OBSERVA-
TIONS"). 1877-87. 4 vols. 10 in. Arranged alphabetically by name of State, thereunder alphabetically
by name of station.

WIND RECORDS. 1872-79. 1 vol. 2 in. Arranged alphabetically by name of station.

ABSTRACTS OF REPORTS OF VOLUNTARY OBSERVERS AND ARMY POST SURGEONS.
1874-86. 13 vols. 2 ft. Arranged alphabetically by name of State.

TEMPERATURE AND PRECIPITATION DATA FROM POST HOSPITALS AND VOLUNTARY
OBSERVERS. 1880-86. 3 vols. 6 in. Arranged alphabetically by name of State, thereunder alphabetically
by name of station.

RECORDS OF DIFFERENCES OF DAILY MEAN TEMPERATURES. 1881-87. 2 vols.
6 in. Arranged alphabetically by name of station.

SUMMARY REPORT ON THERMOMETER EXPOSURE AT STATIONS. 1883. 1 vol.
1 in. Arranged alphabetically by name of State, thereunder alphabetically
by name of station.

MONTHLY MEANS, TOTALS, AND SUMMARIES OF METEOROLOGICAL DATA. 1883-90.
2 vols. 6 in. Arranged alphabetically by name of station.

REPORTS OF LOCAL WIND STORMS. 1887. 2 vols. 6 in. Arranged chronologically.
GRAPHS SHOWING LONG-TERM TRENDS IN WEATHER CONDITIONS. 1870-83. 2 vols. 6 in.
Arranged alphabetically by name of station. 115

OBSERVATIONS OF RAIN AND SNOWFALL IN CALIFORNIA, COLORADO, AND NEW MEXICO. 1889-90. 5 in.
Arranged chronologically. 116

REPORTS ON THE TIME OF HARVESTING AND PLANTING OF CROPS. 1888-93.
1 vol. 1 in.
Arranged alphabetically by name of State, thereunder by district. 117

SNOWFALL BULLETINS. 1897-1904. 1 vol. 1 in.
Arranged chronologically. 118

Records of Marine Observations, 1842-1930

ABSTRACTS OF SHIPS LOGS ("ABSTRACT LOGS"). 1842-93. 526 vols.
40 ft.
Arranged numerically. 119

CARD INDEX TO ABSTRACTS OF SHIP LOGS. 1842-93. 4 ft.
Arranged alphabetically by name of ship. 120

BOOK INDEX TO ABSTRACTS OF SHIP LOGS. 1842-93. 6 vols. 1 ft.
Arranged by number of volume. 121

RECORDS CONTAINING MARINE OBSERVATIONS BY OCEAN SQUARE. 1873-86.
19 ft.
Arranged numerically by ocean square. 122

RECORDS OF SIMULTANEOUS METEOROLOGICAL OBSERVATIONS ON SHIPS. 1886-1902. 10 ft.
Arranged by ocean and thereunder chronologically. 123

ABSTRACT STORM LOGS RECORDED ON SHIPS. 1896-1910. 10 ft.
Arranged by ocean and thereunder by month. 124

GALE AND STORM REPORTS RECORDED ON SHIPS. 1895-1910. 7 ft.
Arranged by ocean and thereunder by month. 125

FOG REPORTS MADE ON SHIPS. 1896-1910. 7 ft.
Arranged by ocean and thereunder by month. 126

MARINE METEOROLOGICAL JOURNALS. 1879-93. 1,955 vols. 135 ft.
Arranged numerically. 127
INDEX TO MARINE METEOROLOGICAL JOURNALS. 1879-93. 4 ft.
Arranged alphabetically by name of ship.

REPORTS OR UNUSUAL OCEAN PHENOMENA. 1887-1904. 1 in.
Unarranged.

RECORDS CONTAINING SUMMARY WEATHER DATA FOR THE NORTH PACIFIC AND
NORTH ATLANTIC OCEANS. 1890-1904. 18 vols. 3 ft.
Arranged by ocean square number.

RECORD OF OBSERVATIONS AT U. S. NAVAL STATION, ISLAND OF GUAM.
1902-8, 1913-19. 3 ft.
Unarranged.

RECORDS OF WEATHER INFORMATION AT GULF OF MEXICO, AND NORTH ATLANTIC
AND NORTH PACIFIC OCEAN AREAS. 1890-1930. 89 booklets. 2 ft.
Unarranged.

RECORDS OF METEOROLOGICAL OBSERVATIONS AT THE AZORES ISLANDS. 1896-99,
1912-21. 1 ft.
Unarranged.

Diaries, Journals, and Miscellaneous Papers
Containing Meteorological Data

RECORDS OF MISCELLANEOUS METEOROLOGICAL, HYDROLOGIC, AND OTHER
SCIENTIFIC INFORMATION. ca. 1847-91. 82 ft.
Unarranged.

DIARIES AND JOURNALS OF METEOROLOGICAL INFORMATION. 1792-1889.
6 ft.
Arranged numerically.

SCIENTIFIC AND PERSONAL PAPERS OF CLEVELAND ABBE. 1863-1916. 5 ft.
Arranged in part chronologically and in part alphabetically by subject.

Records of Polar Expeditions, 1881-1923

"BRAINARD COLLECTION." 1881-1918. 6 ft.
Consists of a journal, related papers, and photographs. The
textual records are arranged chronologically; photographs are grouped
by subject or area and thereunder chronologically.
CORRESPONDENCE, REPORTS, JOURNALS, AND SCIENTIFIC RECORDS OF THE LADY FRANKLIN BAY EXPEDITION. 1881-86. 16 ft.
For the most part arranged chronologically. For select list, see appendix IV.

RECORDS OF EXPEDITION TO POINT BARROW, ALASKA. 1881-83. 2 ft. 139
Arranged chronologically. For list, see appendix V.

RECORDS OF EXPEDITION TO FRANZ JOSEPH LAND. 1898-99. 4 in. 140
Arranged chronologically.

RECORDS OF THE EXPEDITION TO REFUGE HARBOR, GREENLAND. Sept.-Nov. 1923. 2 in. 141
Arranged chronologically.

Other Records, 1878-1924

DRAWINGS. 1878. 1/2 in. 142
Unarranged.

RECORDS RELATING TO THE INTERNATIONAL EXHIBITION OF ELECTRICITY. 1881. 1 in. 143
Unarranged.

RECORDS RELATING TO THE PARIS EXPOSITION. 1889. 1 in. 144
Unarranged.

BUILDING PLANS OF WEATHER BUREAU STATIONS. 1896-1924. 2 ft. 145
Arranged alphabetically by name of station, thereunder chronologically.

COMMEMORATIVE DIPLOMAS MADE TO THE WEATHER BUREAU AT THE PAN AMERICAN EXPOSITION. 1901. 1/2 in. 146
Unarranged.

REMINISCENCES OF EMPLOYEES AND MISCELLANEOUS HISTORICAL METEOROLOGICAL INFORMATION. 1907-46. 1 ft. 147
Arranged in numerical sequence as shown by an accompanying list.
List of Stations, With Dates Covered by Hourly Meteorological Registers, 1821-54 (Entry 60)

Austin, Tex.--June, Sept., Dec. 1851.
Barrancas Barracks, Fla.--Mar. 1853.
Camp Belknap Brazos, Tex.--Sept. 1851.
Camp Crawford, Tex.--Sept., Dec. 1849.
Camp Lawson, Miss.--Sept. 1848.
Camp McKavett, Tex.--June, Sept., Dec. 1852.
Camp Pass Christian, Miss.--Sept. 1843; Sept. 1844.
Camp Salubrity, La.--Mar., June 1845.
Camp S. E. Johnston, Tex.--June, Sept. 1852.
Camp Twiggs, Miss.--Sept. 1849; Sept. 1850; June, Sept. 1851-52.
Cantonment Far West, Bear Creek, Calif.--Sept. 1851.
Clear Fork of Brazos, Phantom Hill, Tex.--Sept., Dec. 1852.
Corpus Christi, Tex.--Dec. 1845; Mar. 1846; Mar., June, Sept., Dec., 1851; June, Sept. 1854.
Dalles of Columbia, Oreg.--Dec. 1852; Mar. 1855.
Dearbornville Arsenal, Mich.--Mar., June 1843.
Donana, N. Mex.--June 1851.
Fernandez de Taos, N. Mex.--June 1850.


Fort Belknap, Tex.—Mar., June, Sept., Dec. 1852-54.

Fort Bliss, Tex.—Sept., Dec. 1854.


Fort Capron Indian River, Fla.—Dec. 1853; June, Sept., Dec. 1854.

Fort Chadbourne, Tex.—Dec. 1852; Mar., June, Sept., Dec. 1853-54.

Fort Clark, Los Moras, Tex.—Sept., Dec. 1852; Mar., June, Sept., Dec. 1853-54.

Fort Coffee, Choctaw Nation, West—Jan.—Dec. 1835; Jan.—Sept. 1836; Apr.—Dec. 1837; Jan.—Sept. 1838.


Fort Craig, N. Mex.—June, Sept., Dec. 1854.

Fort Crawford, Western Territory—Mar., June, Sept., Dec. 1843-44; Mar., June 1845.


Fort Davis, Tex.—Dec. 1854.


Fort Des Moines, Iowa Territory—Sept., Dec. 1844; Mar., June, Dec. 1845.

Fort Dodge, Iowa—Sept., Dec. 1851; Mar., June, Sept., Dec. 1852; Mar., 1853.


Fort Ewell, Tex.—Sept., Dec. 1852; Mar., June, Sept., Dec. 1853-54.

Fort Fairfield, Maine—Mar., June 1843.
Fort Gaines, Minn.--Sept., Dec. 1849; Mar., June, Sept. 1850.
Fort Genett, Tex.--Mar., June, Sept., Dec. 1853.
Fort Graham, Jose Maria Village, Tex.--Sept., Dec. 1850; Mar., June, Sept., Dec. 1851; Mar., June, Sept., Dec. 1852; Mar. and June 1853.
Fort Hamer, Fla.--June, Sept. 1850.
Fort Humboldt, Calif.--Mar., June, Sept., Dec. 1854.
Fort Jessup, La.--Dec. 1845.
Fort Kent, Fish River, Maine--Mar., June 1843; June, Sept., Dec. 1844; Mar., June 1845.
Fort King, East Fla.--Mar., 1843.
Fort Lincoln, Tex.--Mar., June, Sept., Dec. 1850-51; Mar., June 1852.
Fort McKavett, Tex.--Mar., June 1853; Mar., June, Sept., Dec. 1854.
Fort McIntosh, Tex.--Mar., June, Sept., Dec. 1850-54.
Fort Macon, N.C.--June, Sept., Dec. 1843; Mar., June, Sept. 1844; Dec. 1848; Mar., June 1849.

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Fort Martin Scott, Tex.--Mar., June, Sept., Dec. 1850-51; Mar. 1852.

Fort Mason, Tex.--June, Sept., Dec. 1852; Mar., June, Sept. 1853.


Fort Monroe, Va.--Mar., June, Sept., Dec. 1843-54.

Fort Morgan, Ala.--Mar., June 1843.

Fort Myers, Fla.--Mar., June, Sept., Dec. 1851-54.


Fort Pickens, Fla.--Mar., June 1843.


Fort Pike, La.--Mar. 1846.

Fort Polk Point Isabel, Tex.--Sept., Dec. 1849.


Fort Ripley, Minn.--Dec. 1850; Mar., June, Sept., Dec. 1851-54.


Fort Shannon, Fla.--Mar., 1843.


Fort Terrett, Tex.--Dec. 1852.
Fort Trumbull, Conn.--Mar., June, Sept., Dec. 1843-44.
Fort Webster, N. Mex.--Mar., June, Sept., Dec. 1852; Mar., June, Sept. 1853.
Fort Winnebagos, Wis. Territory--Mar., June, Sept., Dec. 1843-44; Mar., June 1845.
Fort Wood, La.--Mar. 1846.
Fort Worth, Tex.--Dec. 1849; Mar., June, Sept., Dec. 1850-52; Mar., June 1853.
Fort Yuma, Calif.--Dec. 1852; Mar., June, Sept., Dec. 1853-54.
Fredericksburg, Tex.--Sept., Dec. 1849.
General Hospital, New Orleans Barracks, La.--Mar., Dec. 1851.
Hancock Barracks, Maine--Mar., June, Sept., Dec. 1843-44; Mar., June 1845.
Junipa, Calif.--Dec. 1852; Mar. 1853.
Key West, Fla.--June, Sept., Dec. 1843; Mar., June, Sept. 1844; Mar., June, 1845; Sept. 1849; Sept., Dec. 1850; Mar., June, Sept., Dec. 1851-54.
Matamoras, Mexico--Dec. 1846; Mar., June, Sept., Dec. 1847; Mar. 1848.
New Orleans Barracks, La.--Mar., June 1846.
New Post, Arkansas River -- June 1851.
1844-46; Mar., June, Dec. 1850.
Palatka, East Fla.--June 1843; Dec. 1849.
Pass Christian, Miss.--June 1843.
Phantom Hill, Tex.--Dec. 1351; Mar., June 1852.
Plattsburgh Barracks, N.Y.--Mar., June, Sept., Dec. 1843-45; Mar., June
1846; Sept., Dec. 1849; Mar., June, Sept., Dec. 1850-51; Mar. 1852.
Post on Clear Fork, Brazos, Tex.--Mar., June, Sept., Dec. 1853.
Rancho de Junipa, Calif.--Sept., Dec. 1851; June, Sept., Dec. 1853;
Mar. 1854.
Rancho del Chimo, Calif.--Mar., June 1852.
1850-54.
Salt Lake City, Utah--Dec. 1854.
1850-51; Mar., June, Sept. 1852.
San Diego, Calif.--Mar., June, Sept., Nov., Dec. 1850; Mar., June, Sept.,
San Francisco, Calif.--June 1850; Sept., Dec. 1852; Mar., June, Sept.,
Dec. 1853-54.
Santa Fe, N. Mex.--Mar., June 1851; Sept., Dec. 1852; Mar., June, Sept.,
Dec. 1853-54.
Sonoma, Calif.--Mar., Dec. 1850; Mar. 1851.
St. Augustine, Fla.--Mar. 1843; Sept. 1851.
St. Joseph's Island, Tex.--June, Sept. 1846.
St. Louis Arsenal, Mo.--Sept., Dec. 1843; Mar., Sept., Dec. 1844-45;
Top of Crow's Nest, Highlands, N.Y.--June 1843.
U. S. Military Academy, West Point, N.Y.--Mar., June, Sept., Dec. 1843;
Vera Cruz, Mexico--Mar. 1848.
Watervliet Arsenal, N.Y.--Mar. 1843.
APPENDIX II

List of Locations, With Dates Covered by Coast Survey Notebooks, 1843-90 (Entry 62)

Astoria, Oreg., 1854-69
Bald Hill, Conn., 1861, 1864
Denicia, Calif., 1850-54
Boston Navy Yard, Boston, Mass., 1870, 1874
Box Hill, Conn., 1851
Calcasien, La., 1861
Camp Collonna, Alaska Territory, 1889-90
Cape Florida, Fla., 1854
Captive Island, Fla., 1858-59
Cat Island, Miss., 1848
Chaincook, New Brunswick, 1859
Duxbury, Mass., 1869-70
Eastport, Maine, 1861-64
Egmont Key, Fla., 1858-59
Fernandina, Fla., 1856-57
Fort Brooke, Fla., 1843
Fort Clinch, Fla., 1856-59
Fort Dallas, Fla., 1843
Fort Jefferson, Fla., 1859-61
Fort Monroe (Fort Macon, Fort Johnston, Moultrie, Oglethorpe Barracks, Fort Marion), Fla., 1843
Fort Morgan, Ala., 1847-49
Fort Pike (Fort Wood, New Orleans Barracks), Fla., 1843
Fort Point, Calif., 1860-77
Galveston, Tex., 1851-53
Girard College, Philadelphia, Pa., 1843
Gunstock, N.H., 1860
Halifax, Nova Scotia, 1864
Heart's Content, Newfoundland, 1866
Indian Key, Fla., 1855
Ivy Hill, Conn., 1863
Key West, Fla., 1851-69
Lost Island, La., 1860
Monadnock Mt., N.H., 1861
Mount Hope Bay, R.I., 1861
Mount Tom, N.H., 1862
Mount Washington, N.H., 1853
Morgan (East Pensacola, Pass Christian), Fla., 1843
Monterey, Calif., 1854
Nassau, British West Indies, 1864
New Smyrna, Fla., 1843

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New York, N.Y., 1858
North Haven, Maine, 1876-81
Omaha, Nebr., 1859
Penobscot, Maine, 1880-88
Pensacola, Fla., 1852
Port Moller, Alaska, 1877-78
Presidio, Calif., 1853, 1858
Ruland and West Hill, Long Island, N.Y., 1865
Saddle Hill, Fla., 1856
St. Paul's Island, Alaska Territory, 1871
Sandford, Conn., 1862
Sandy Hook, N.J., 1858
San Diego, Calif., 1853-72
San Francisco, Calif., 1853-57, 1882
San Luis Obispo, Calif., 1854
South West Pass, La., 1852-53, 1860-61
Tashua Hill, Conn., 1863
Tidal Station, Brooklyn, N.Y., 1863
Unalaska Island, Alaska Territory, 1867
Wachusett, Mass., 1860
Wooster, Conn., 1864
APPENDIX III

Alphabetic Index to Records Containing Meteorological Observations, 1874-92 (Entry 69)

Algeria, vols. 29-31, 35, 73
Australia, vols. 31, 39, 70, 73
Austria, vols. 13, 16, 22, 39, 41, 86
Belgium, vols. 2, 4, 5, 7, 8, 19, 29, 33, 36, 63
Central America, vol. 25
China, vol. 23
Cuba, vol. 84
Denmark, vols. 49, 74, 80
Egypt, vol. 23
France, vols. 2, 5, 6-10, 15-20, 22, 30, 32, 35, 46, 48, 49, 54-56, 61, 64, 74, 80, 84, 202
Germany, vols. 6, 9, 22, 29, 32, 41, 48, 54, 71, 75, 80, 88
Great Britain, vols. 2, 7-9, 13, 14, 16-18, 20, 26, 27, 29-31, 33, 36, 46, 48, 51, 55, 56, 70, 71, 75, 87
Greece, vol. 19
Hawaiian Islands, vol. 58
Hungary, vols. 13, 39
India, vols. 28, 34, 43, 58, 88
Italy, vols. 5, 6, 11, 14, 19, 21, 25, 26, 33, 44, 46, 53, 75, 81, 83, 86
Japan, vols. 11, 22, 52, 56, 62, 79, 82
Merchant Vessels (Pacific), vol. 45
South Africa, vol. 23
South America, vols. 25, 70
Turkey, vols. 4, 6, 16, 17
West Indies, vol. 71
APPENDIX IV

Select List of Records of the Lady Franklin Bay Expedition, 1881-36 (Entry 138)

Pkg. No. 1

Manuscript copy of "Report on the Proceedings of the U.S. Expedition to Lady Franklin Bay, Grinnell Land," by A. W. Greely, 1st Lt. 5th Cav., Commanding the Expedition. Consists of a table of contents, 3 p.; a list of illustrations, 4 p.; a list of maps and charts, 1 p.; and a signed copy of Lt. Greely's Report, 202 p. The packages listed below contain manuscript copies of appendixes.

Pkg. No. 2

1. War Dept. order assigning Lt. Greely to command.
2. War Dept. order organizing expedition.
3. Instructions from Signal Office regarding expedition (with marginal notations).
4. List of subsistence stores, with remarks thereon, based on experience of the expeditionary members.
5. Records left at and taken from S. E. Cory Island, Aug. 1881. (English records taken are not included, having been returned by the War Dept. to the English Admiralty.)
7. Records taken from and left at Washington Irving Island, Aug. 1881. (English records were returned to Admiralty.)
8. Records obtained at Discovery Harbor, Aug. 1881. (These records were forwarded to British Govt., Dec. 1881.)
10. Lt. Kislingbury's request to be relieved, with Lt. Greely's statement.
11. Orders No. 5, relieving Lt. Kislingbury and ordering him to report to Chief Signal Officer.
12. Orders No. 6, amending Orders No. 5.
14. Orders No. 8, modifying Orders No. 6.
17. Sgt. Jewell's meteorological report in connection with trip establishing Depot B.
20. Orders to Dr. Pavy for overland journey to Lincoln Bay.
23. Orders to Dr. Pavy on exploring Archer fiord.
27. Orders to Dr. Pavy to proceed to Cape Joseph Henry.
29. Lt. Lockwood's report on St. Patrick Valley.
31. Lt. Lockwood's orders to attempt crossing of Robeson's channel.
32. Lt. Lockwood's report on attempted crossing of Robeson's channel.
33. Dr. Pavy's orders for journey to Wrangel Bay.
34. Dr. Pavy's report on journey to Wrangel Bay.
35. Dr. Pavy's supplementary report on journey to Wrangel Bay.
36. Lt. Lockwood's orders for preliminary journey to Cape Beechy.
37. Lt. Lockwood's report on journey ordered in Appendix No. 36.
38. Lt. Lockwood's orders for journey to Thank God Harbor.
39. Lt. Lockwood's report on journey ordered in Appendix No. 38.
40. English records obtained at Thank God Harbor.

Pkg. No. 3

41. Dr. Pavy's orders to carry provisions to Greenland coast.
42. Dr. Pavy's report on journey ordered in Appendix No. 41.
43. Sgt. Brainard's orders to move boat to Greenland coast.
44. Sgt. Brainard's report on trip ordered in Appendix No. 43.
45. Sgt. Jewell's report on trip to Lincoln Bay while supporting Dr. Pavy.
46. Dr. Pavy's orders for journey northward over Polar ocean.
47. Dr. Pavy's report on journey ordered in Appendix No. 46.
48. Sgt. Rice's report on detached trip from Lincoln Bay to Font Conger and return.
49. Pvt. Long's report on trip into Archer fiord.
50. Sgt. Israel's report on trip into the Bellows.
51. Lt. Lockwood's orders to explore north coast of Greenland.
52. Supplementary instructions for exploration of north coast of Greenland.

Pkg. No. 4

56. Lt. Lockwood's report of launch trip up Archer fiord.
57. Lt. Lockwood's report of launch trip up Chandler fiord.
58. Dr. Pavy's orders to proceed to Carl Ritter Bay.
60. Sgt. Brainard's report of trip to Carl Ritter Bay.
61. Orders establishing day of Thanksgiving.
62. Dr. Pavy's letter of March 8, 1882.
63. Lt. Greely's answer to Dr. Pavy's letter of March 8, 1882.
64. Lt. Lockwood's orders for preliminary journey northward, 1883.
65. Lt. Lockwood's report on journey ordered in Appendix No. 64.
66. Sgt. Jewell's report to Lt. Lockwood relative to journey ordered in Appendix No. 64.
67. Orders to Lt. Lockwood for exploration of Greenland 1883.
68. Sgt. Rice's report on trip to Thank God Harbor.
69. Dr. Pavy's orders for journey to Thank God Harbor as surgeon.
70. Lt. Lockwood's report on trip to north Greenland.
71. Sgt. Jewell's report on tidal observations made on trip to north Greenland.
72. Sgt. Rice's report on trip to Thank God Harbor.
73. Dr. Pavy's medical report on trip to Thank God Harbor.
74. Orders for Sgt. Jewell for tidal observations at Cape Beechy.
76. Orders for Sgt. Gardiner for tidal observations at Cape Baird.
77. Orders for Sgt. Israel for astronomical observations at Cape Baird.
78. Report of Sgt. Israel on observation ordered in Appendix No. 77.
81. Orders to Sgt. Jewell for tidal observations at Cape Beechy.
83. Sgt. Brainard's report on journey to Cape Cracroft.
84. Sgt. Gardiner's report on journey to Cape Cracroft.
85. Lt. Lockwood's orders to cross Grinnell Land.
86. Lt. Lockwood's report on the crossing of Grinnell Land.

Pkg. No. 5

87. Orders to Dr. Pavy relative to Natural History data.
88. Orders to Dr. Pavy relative to botanical specimens.
89. Orders to Lt. Lockwood to relieve Dr. Pavy as naturalist.
90. Lt. Lockwood's report on Natural History specimens received from Dr. Pavy.
91. Lt. Lockwood's letter and report on Natural History specimens.
June 30, 1883.
93. Orders to Lt. Lockwood to receive medical stores from Dr. Pavy.
94. Letter from Dr. Pavy asking detail of Steward Biederick.
95. Reply of Lt. Greely to Dr. Pavy’s request for detail of Steward Biederick.
96. Letter of Dr. Pavy’s dated July 8, 1883.
97. Answer to letter referred to in Appendix No. 96.
98. Dr. Pavy’s refusal to turn over his diary.
99. Letter transmitting charges to Dr. Pavy.
100. Letter limiting Dr. Pavy’s bounds.
101. Order for the abandonment of Station at Fort Conger.
102. List of subsistence stores abandoned.
103. Medical report.
104. Record left at Cape Baird.
105. Records left in boats.
106. Records found on Brevoort Island. (Lt. Garlington and Beebe.)
107. Plan of winter quarters, Camp Clay.
108. Sgt. Frederick’s report of November journey to Cape Isabella.
111. Sgt. Frederick’s report of journey to Baird inlet, April 1884.
112. Lt. Kizlingbury’s letter of April 22, 1884.
113. Letter of Dr. Pavy’s, April 25, 1884.
114. Letter of Dr. Pavy’s, April 27, 1884.
115. Lt. Greely’s certificate to Dr. Pavy.
116. General certificate to Dr. Pavy.
117. Letter of Lt. Greely to Dr. Pavy.
118. Order for Pvt. Henry’s execution.
120. Letter of Secretary of War approving Lt. Greely’s course regarding execution of Pvt. Henry.
121. List of deaths.
122. Orders relative to Pvt. Henry, June 5, 1884.

Pkg. No. 6

123. Lt. Lockwood’s journal from Aug. 3, 1883.

Pkg. No. 7

124. Sgt. Brainard’s journal, from besetment.

Pkg. No. 8

125. Portion of Diary of Pvt. Roderick C. Schneider found on bank of Mississippi River in Missouri and correspondence relative thereto with Mr. J. A. Ockerson.
126. Description of driftwood.
127. List of photographs and description of Eskimo relics in photographs.
128. List of maps.

Pkg. No. 9

129. Natural History (mammalia)
130. Botany.
131. Ornithology.
132. Medusae.
133. Echinodermata, vernes, crustacea, and pteropod molusca.
134. Molusca.
135. Astronomical observations.
136. Hydrography.
137. Sound experiments.

Pkg. Nos. 10-12

138. Meteorological observations.

Pkg. No. 13

Bibliography: Authorities on Arctic meteorology (63 p.).

Pkg. No. 14

139. Magnetic reductions by U.S. Coast and Geodetic Survey.
139a. Magnetic reductions, 1881-82.

Pkg. No. 15

140. Tidal observations.

Pkg. No. 16

141. Pendulum observations.
APPENDIX V

List of Records of the Point Barrow Expedition
to Ooglaamie, Alaska, 1881-83 (Entry 139)

Letterbooks:  Aurora record, Oct. 17, 1881-Apr. 13, 1883
             Aug. 31, 1875-May 31, 1876
Journal Book: Hourly Observations, Brooks Differential Magnetometer,
             July 21, 1883-Aug. 27, 1883
Letters Sent Book: Letter book copies of letters sent by the expedition,
                  Sept. 15, 1881-June 30, 1883
Bound volume:  Ground current observations at Point Barrow, Aug. 11,
               1882-Nov. 14, 1882
Letters Received Book: Entries under "Date," "Writers," "Date & Purport
                      of Letter," May 27, 1881-Aug. 21, 1883
Journal of the Point Barrow Expedition: July 18, 1881-Oct. 5, 1883
Journal Book: Hourly and Termday Observations: Brooks Differential
             Magnetometer, Sept. 12, 1882-Feb. 14, 1883; Feb. 15, 1883-July 20,
             1883
Journal Book: Comparison of chronometers, Nov. 1881-Oct. 1883
Journal Book: Anemometer records, Nov. 1881-July 1883
Journal Book: Thermometer Records, Nov. 11, 1881-Aug. 26, 1883
Journal Book: Comparative Daily Readings of Barometer, Nov. 1, 1881-
              Aug. 1883
Journal Book: Tide Record, Feb. 26, 1883-June 17, 1883
Journal Books: Various Meteorological Records, 1881-83
APPENDIX VI

Select Subject Index to the General Correspondence of the Weather Bureau, 1912-42 (Entry 50)

The number following the subject is the classification number under which the correspondence is filed.

Addresses, talks, lectures, 030.6
Administration, general, 000
   Central Office and Station, 080
   Regional Office, 090
   Administrative reports, 010
Aerological instruments, 450.91
Airway substations, 535.1
Alaskan substations, 531.4
Anemometers, 450.6
Annual report of the Chief of Bureau, 010.1
Applications for employment in the Weather Bureau, 101
Appropriations, 210
   Apportionments, reserves, balances, obligations, and suballocations, 210.2
Articles, clippings, newspapers, 030.3
Attorney General decisions, 220.3
Barographs, 450.7
Barometers, 450.7
Blizzard reports, 607
Boards and Committees, 020
Budget Bureau hearings, 010.2
Buildings and Grounds, 300
Cable reports, 614
Charges, criticisms, complaints, controversies, 030.2
Circuit reports, 611
Circular letters, 010.5
Civil Service, relations with, 102
Commendations of Bureau, resolutions, 030.1
Comptroller's decisions, 220.1
Conventions, exhibits, expeditions, 030.4
Cooperative activities with other:
   Bureaus or departments, 070.1
   Emergency agencies, 070.3
   Meteorological services, institutions, 070.2
Corn and wheat bulletins, 730.3
Corn and wheat substations, 534.2
Cotton region bulletins, 730.2
Cotton region substations, 534.1
Cranberry substations, 534.4
Daily weather bulletin, 730.5
Department and Executive orders and memorandums, 010.8
Devices (inventions, patents), 153.3
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