

Meteorology Collection
1748-1822
Mss.551.5.M56

American Philosophical Society
2006
105 South Fifth Street
Philadelphia, PA, 19106
215-440-3400
manuscripts@amphilsoc.org

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Summary Information

Repository	American Philosophical Society
Creator	Various
Title	Meteorology Collection
Date [inclusive]	1748-1822
Call number	Mss.551.5.M56
Extent	30.0 Volume(s)
Location	LH-MV-B-11
Language	English
Abstract	Featuring the work of at least ten different authors, this collection includes several, unrelated meteorological observations from the mid-18th Century to the early 19th Century. While the majority of these records depict weather patterns in Philadelphia, there are also descriptions for Delaware, New England, London, and South America among others.
Preferred Citation	Cite as: Meteorology Collection, American Philosophical Society.

Scope & content

This collection contains miscellaneous and unrelated meteorological observations from the mid-18th Century to the early 19th Century profiling locations as diverse as Philadelphia, South America, and London. The majority of the records contain daily charts noting the prominent weather indicators, some of which include remarks by the respective authors.

Administrative Information

Publication Information

American Philosophical Society 2006

Provenance

Acquisition Information

Presented by the authors and others, various dates.

Processing Information

Recatalogued by RWS, 2006.

Alternative Form Available

Collection also available on microfilm (Film 1467, Reel 1).

Indexing Terms

Genre(s)

- Meteorological Data

Personal Name(s)

- Adair, William
- Curson, Samuel
- Dunbar, William, 1749-1810
- Haines, Reuben, 1786-1831
- Hazard, Samuel, 1784-1870
- Legaux, Peter, 1748-1827.
- Madison, James, 1751-1836
- Pemberton, Phineas

- Reichel, Charles Gotthold, 1751-1825
- Williams, Samuel, 1743-1817

Subject(s)

- Meteorology - Delaware - Observations
- Meteorology - New England - Observations
- Meteorology - Observations
- Meteorology - Pennsylvania
- Meteorology - South America - Observations
- Science and Technology
- Weather

Other Descriptive Information

This collection contains a group of meteorological observations made between the 1750-1800. The data was compiled at different locations and by different people. There are fifteen volumes kept by a member of the Pemberton family in the collection. These contain weather data for Philadelphia from the colonial and revolutionary era. There are also observations from England and elsewhere. Some of the data includes graphs and other detailed information.

Collection Inventory

Meteorology Collection	1748-1822	ca. 30 items
Pemberton, Phineas I Meteorological observations taken in and around Philadelphia	1748-1776	15 notebooks
<p>D. 15 notebooks. Various sizes. (see Meteorological material, No. I.) Abstracted and printed in APS Trans., n.s., vol. VI, 395ff. Presented by James Pemberton; 1791. Cf. Minutes. 1. Aug.-Nov.1748:Dec.4,1748-Sept.30,1749. 2. Jan.1758-Feb.1760. 3. Jan.1767-April 1768: Jan.-Aug.28,1769: April-Nov.1770. 4. Jan.1768-Dec.1769. 5. Jan.-Dec.1770. 6. Dec.1770-Feb.1771: Dec.1770-July 24, 1772. 7. Jan.1771-Dec.1772. 8. Jan.-April 25, 1772: July 25-Oct.31, 1772.</p>		
Pemberton, Phineas II Meteorological journals	1758, 1767, 1768	
<p>D. 34 leaves. Various sizes. This seems to have been abstracted from the Meteorological observations...No.I of this group. Presented by James Pemberton; 1791. Cf.Minutes.</p>		
Pemberton, Phineas III	1749-1778	
Account of barometer and thermometer at Bridgewater, England and Philadelphia	1767-1768	
Meteorological observations, taken at London, England (extracts)	1751-1761	
Meteorological observations, taken at Maryland	1753-1754	
Meteorological observations, unidentified location	1749, 1766-1767	
	1770, 1774, 1777-1778	

Meteorology Collection

Meteorological observations, taken at
Philadelphia

IV Meteorological observations, taken at 1768
Philadelphia

V The highest and lowest stations of the 1771
barometer and thermometer in London

Williams, Samuel 1771, 1773

VI Meteorological observations taken in
New England, and account of a hurricane in
New England

Adair, William 1773-1775

VII Meteorological observations at Lewes,
DE.

VIII Tables of meteorological observations 1773-1777
taken at Philadelphia

Reichel, Charles Gotthold, 1751-1825 1787-1790

IX Meteorological observations, taken at
Nazareth, PA.

Madison, James, 1751-1836 1798-1802

X Meteorological observations

Dunbar, William, 1749-1810 1803

XI Meteorological observations, sent to
John Vaughan, Natchez

Hazard, Samuel 1815

XII Observations on the warmth of the sea
water, etc. from Smyrna to Philadelphia

Curson, Samuel [1817]

Meteorology Collection

XIII Barometrical observations made in
South America

Legaux, Peter 1820-1821

XIV Meteorological observations made at
Spring Mill, PA

Haines, Reuben 1820-1821

XV Meteorological observations made at
Germantown, PA

XVI Remarks on meteorological observations [ca. 1822]
