H.H. LAMB ARCHIVE

Collection: H.H. Lamb Archive

Reference: LAMB

Creation dates: 1943-1995

Extent: 22 linear metres.

Format: Draft reports, reports, correspondence, data, photographs, photographic negatives, slides, maps, charts, graphs and diagrams, reprints, press-cuttings, CDs.

Biographical history: Hubert H. Lamb (1913-1997) obtained his Master's degree from Trinity College, Cambridge in natural sciences and geography. He worked at the British and Irish Meteorological Offices from 1945 until 1971. He was the Founding Director of the Climatic Research Unit (CRU) at the University of East Anglia (UEA) (1972-1977) and was awarded an honorary doctorate (D.Sc.) from the UEA in 1981.

Immediate source of acquisition: The collection was transferred from CRU to UEA Archives in two parts. The first transfer of 31 boxes was made in 1998. This has become known as LAMB/1 and occupies 8 linear metres.

The second transfer came directly from CRU Library in 2015. This has become known as LAMB/2 and occupies 14 linear metres.

Scope and content: see also LAMB/1 and LAMB/2.

Content across the collection focuses on North Sea storms and other northern seas around the coasts of northwest Europe; climate history including the ice age; long-range weather forecasts; rainfall; specific weather phenomena; weather in the UK and in East Anglia; climatic effect of volcanic dust; CRU administration, etc.

Appraisal destruction and scheduling info: N/A

Accruals: N/A

System of arrangement:
LAMB/1 p.3
LAMB/2 p.17

See these two sections for more.

Conditions governing access: Other than where a specific access restriction is noted, the collection is open for consultation in the Archives by appointment during its advertised opening hours.

Conditions governing reproduction: Reproductions can be supplied in hard copy or digital format subject to physical condition and the terms of deposit. A charge is made for this service. Copyright restrictions may apply and the advice of the Archives department should be sought for any use of reproductions other than personal research.
Physical characteristics/ technical requirements: A slide scanner is available in the Archives; and a pc for accessing the CDs.

Related units of description: N/A
**LAMB/1**

**Scope and content:** Contains correspondence and research papers; draft and final reports; reprints; correspondence with CRU staff and other colleagues; CRU research contracts; and supporting material for research in the form of data, photographs, maps, charts, graphs and diagrams.

**System of arrangement:** Re-arrangement of the papers in LAMB/1 has taken place. The subject areas are similar to those used by Lamb in the index lists he created to organise his reprint collection.

Covers 42 subject areas some of which can be found in more than one box. See further down for contents of each box.

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Archeology in relation to climate history [Box 1]

The year without a summer, 1816. International meeting, Ottawa, Canada, 1988.


Carbon dating [Box 1]
Graphs, diagrams.

Circulation papers [Box 1]


Wanner, H. et al. European circulation patterns during the late Maunder Minimum cooling period (1675-1704). [Typescript & correspondence].

Lamb, H.H. Climates and circulation regimes developed over the northern hemisphere during and since the last ice age. Lecture at the Symposium on Dynamical Climatology (1970 : Leningrad).


Climate change/variation [Box 2]
Lamb, H.H. Climatic changes: the development of knowledge problems of assessing trends, causes & human impact. [MS].


Lamb, H.H. On the frequency and patterns of variation of climate. To be presented at the Conference called by the Rockefeller Foundation at Bellagio 5-7 June 1975.


Lamb, H.H. Meteorology, climatic changes and history. 1987. [MS].


**Climate history [Box 3]**

*Climate, history and the modern world*, 2nd edition. [MS Preface to the 1995 Routledge printing].

Lamb, H.H. *Contributions to historical climatology: the middle ages and after; Christmas weather and other aspects*. Bracknell : Meteorological Office. [Typescript].

Lamb, H.H. *The climate in Saxon times*. [Typescript].

Lamb, H.H. *Mapping historical weather and past climates*. [MS].


Data for reconstruction of the past record of climate. [Table].

**CRU administration, research contracts and history [Box 4-5] [Box 4]**

Correspondence of Barbara Gray (CRU) with the Department of Environment (D.O.E.) concerning research contracts DGR 480/87 and 480/88 into climatic change, 1974-1979. [Folder].

D.O.E. Steering Group on Climate Change 1977-1978

National Oceanic and Atmospheric Administration (NOAA) research proposal on the geographical patterns of climate change over recent millennia (800 AD). Includes contracts.


Correspondence concerning supplement funding from the National Science Foundation (NSF) for a conference on ‘Climate and History’ at the University of East Anglia, 1979.

[Box 5]


CRU meeting of 25/2/1971 to discuss prospects for Spring 1971.

Correspondence with C. Loader (CRU), 1975-1978.


Correspondence with Crispin Tickell, Commission of the European Communities, on securing the future of CRU, 1977.


Letter from a Quaker and H.H. Lamb’s views on research at CRU & greenhouse effect, 1988.

Diaries, data sources and bibliographies [Box 6]
Weather diary Kilkenny, Ireland, 1682-3.

Excerpts from the North County Diaries by the Surtees Society, 1910.

Excerpts from the Rectors book Nottingham, 1910 on the weather 1676-1701.

Excerpts from Yorkshire diaries. Weather 1647-1734.

Wheeler, Dennis. Highlights of the weather diary of Margaret Mackenzie of Delvine (Perthshire) 1780-1805.

Weather notes 1688-1690 from the diary of Thomas Bellingham. Preston : [s.n], 1908.

The great diurnal of Nicholas Blundell, 1720. [Typescript].

Climatological bibliography of the Met. Off. Library [Microfiche].

MS notes with data sources.

Famous data collections of historical weather reports and diaries. [In separate box].
The Julian calendar as modified by Pope Gregory XIII. Calendar for the dates 1753-2000. Richardson, Bond & Wright.

Lamb, H.H. Old weather records of known date (new style) and historic interest dates, from the 8th – 20th centuries [MS, notebook/diaries].

Calendar of historic weather events since 1500 (dates before 14 Sept 1752 corrected to the new style of Gregorian calendar). [MS, notes in printed calendar].

**Drought [Box 7]**
Wright, P.B. Brief bibliography on drought, evaporation, soil moisture, 1981.

**General administrative and research papers [Box 7]**

Lawrence Livermore. National Laboratory contract - administrative papers, 1985-1986

**General correspondence and papers [Box 7]**
General correspondence, 1987
- Correspondence with Paul Hauerbach, Denmark re Skagen Spit. 1987.
- Correspondence with Knut.
- Storm of 1838 and Grace Darling Museum.
- Correspondence re Mr and Mrs Lamb’s visit to Denmark, Hamburg and Austria in 1988.
  Etc.

General correspondence, 1989-1991
- Includes: Correspondence with Cambridge University Press and others concerning the publication: *Historic Storms over the North Sea, British Isles & North West Europe*. 1989-1991
- Correspondence with Knut
  Etc.

H.H. Lamb’s review on *The Little Ice Age* by Jean M. Grove.

Correspondence with Lord Aldington (Count Nikolai Tolstoy) concerning a war crimes trial and libel case and the weather in the Klagenfurt Karawanken Mountains areas 17-24 May 1945, 1988.

External examination by H.H. Lamb of thesis by Kirsty Duncan, University of Edinburgh, 1993 - correspondence.


Correspondence from Sandy [Crosbie] requesting H.H. Lamb to be an Honorary Patron of the Dynamic Earth project, 1993.

**Global warming [Box 8]**

Hohen/Berg (Surface 01). Data – print outs.

**Graphs, maps & diagrams [Box 8-10]**

**[Box 8]**
EEC diagrams, linens and master photocopies [Folder].
Continental drift – Antarctica maps.

Palaeoaltitudes – maps.

Lake and river levels – graphs, data.

Avalanches, snow, ice glaciers – graphs, data.

[Box 9]
MSL pressure and winds - maps

Seasonal progression graphs.

Soil moisture.

Evidence of past climates.

Crop records and responses.

Geological past: Palaeogeographies.

Ice age geographies.

Mediaeval vineyards N. Germany (map).

Plates, negatives and photocopies of maps 1795 and 1883.

[Box 10]
Oxygen isotope work - graphs.

Ice Age CO2 work – graphs.

Impact on agriculture and food prices – graphs.

Climate implications from tree rings - graphs.

Sunshine – graphs.

Gale frequencies – graphs.

Temperature changes - graphs.

Recent & forecast rainfall changes.

Average temps in New Zealand.

Ice on the Antarctic Ocean.

500mb wave-length and wave position diagrams 1949-64.

Images & artwork [Box 11-12]

[Box 11]
Artwork showing climate, especially rock art & Constable, UK.

Drought and drifting sands.
Snow and glaciers.

Carlisle Cathedral.

River ice and lake ice.

Forests; growing season; tillage; tree rings; deserted villages.

River levels; soil moisture; building sites; building problems.

Satellite pictures.

[Box 12] Storms and blown sand.

Tornadoes.

Varves.

Vineyards.

Volcanoes.

Photographic landscape pictures showing climate change.

Sea levels; ice levels; lake levels.

Pictures for publications - used and unused.

**Impact of climate on agriculture [Box 13]**

Parry, M.L. *Climatic change and the history of marginal agriculture*. 1977. [MS].

Table. Weather, harvests, and agrarian crises in Eastern England 1250-1350.

Bourke, A. and H.H. Lamb. *The spread of potato blight in Europe in 1845-6, and the accompanying wind and weather patterns*. [See also CRU contracts].

Agricultural yields study in Norfolk, 13th to 15th centuries, by Bruce Campbell, The Queen’s University of Belfast. [Graphs, notes and correspondence].

Plant production notes [MS].

**Impact of climate on humans [Box 13]**


MS notes on: J. Jameson’s *Report on the Epidemic Cholers Morbus as it visited the territories subject to the presidency of Bengal in the years 1817, 1818 and 1819*.


**Long-range weather forecasting [Box 14]**

Wright, P.B. Preliminary forecasts of seasonal rainfalls in southwestern Western Australia – winter 1970 to summer 1971-72. [MS]. (Lamb list 72).

Ja Sarova, V. Charts of the anomalies of pressure and air-temperature and the amount of precipitation over the Northern Hemisphere. Moscow, Akad. Nauk, 1965. [Unedited translation]. (Lamb list 72).


Semenov, V.G. The function of the underlying surface in forming anomalies in the circulation of the atmosphere. [Unedited translation]. (Lamb list 72).

Moffitt, Barry J. – Winter. (Submitted for B.Sc. (Hons.) Degree in Geography, University College of Swansea), 1973. (Lamb list 72).

Kats, A.L. Seasonal changes in the general circulation and long-range forecasts. [MS].

An analysis of forecasting rules for Spring. (Lamb list 74).

Miscellaneous LRF rules for monthly & seasonal forecasts. (Lamb list 73).

India Meteorological Dept. Memorandum regarding the probable amount of monsoon rainfall in 1971. (Lamb list 73).

Seasonal rainfall forecasting in India. [Appendix C]. [MS]. (Lamb list 72).

Franz Baur’s automated LRF’s Berliner Wetterkarte 1960s. (Lamb list 73).

Baur’s FC rules. (Lamb list 73).

Franz Baur. The scientific basis of long-range weather forecasts. (Lamb list 72).

Craddock, J.M. Scoring systems for assessing LRFs & review of successes by different F/C methods in the UK & elsewhere up to 1962. (Lamb list 73).

Bell, Gordon J. Long-range forecasts of northern hemisphere: circulation anomalies and rainfall. [MS]. (Lamb list 72).

Lamb, H.H. A possible approach to seasonal weather forecasting in the temperate zone. [MS]. (Lamb list 72).

Meteorological Office [Box 15]
Includes reports on temperature and rainfall and hydrological memoranda.


Phenology [Box 16]
Craddock, J.M. Phenological indicators and past climates, 1973. [MS, photocopy].


**Pleistocene ice ages [Box 16]**

Hays, James D. Late Cenozoic Antarctic Ocean sediments, their climatic record related to the record of world climate. [Draft typescript]. (Lamb list 44).


Van Zinderen Bakker, E.M. The glaciations(s) of Marion Island (sub-Antarctic). (Lamb list 44).

Galloway, R.W. and E. Löffler. Late Quaternary glaciation and periglacial phenomena in Australia and New Guinea. (Lamb list 44).


**Polar meteorology [Box 16]**


Lamb, H.H. Meteorology in the far south. For The Times special supplement on Antarctica, Oct. 7, 1966. (Lamb list 70).


[Study of the retreat and advance of the 17,400ft thickness line]. [MS notes].

**Pressure [Box 16]**

Daily normal pressures 1899-1965. [Data print-out].

**Rainfall papers [Box 17]**


Rainfall graphs.

Multiple reports on precipitation, and relations with the northern and southern hemisphere rainfall and precipitation.

Rainfall data (Lamb list 3).

Monthly and annual rainfall at Kew, 1697-

Precipitation over the British Columbia Coast (Lamb list 2).


**Sea ice [Box 17]**
1684 Sea ice. [Correspondence, 1986].

**Sea level papers [Box 18]**


Mean July MSL pressure charts 1750-1959.


**Seasonal development, singularities, monsoons & weather types [Box 18]**


**Singularities [Box 19]**

Noble, K.E. *An attempt to provide a quantitative description of the European monsoon, June singularity*.

Tables, graphs, card index and notes.

**Solar variations, data and effects [Box 19]**


**Southern Hemisphere meteorology [Box 19]**


**Statistical studies and methods [Box 20]**


**Storms [Box 20]**


Storm publications – references [MS].

Storms & coastal changes. [In separate box]. Includes sand storms.

**Storms over the N. Sea & other northern seas around the coasts of northwest Europe [Box 21-24]**

[Box 21]


Proposals on climate changes affecting the North Sea & its storminess (Office of Naval Research).

Correspondence re research on North Sea storms 1600- .

Proposed funding: Meteorological analysis of the severest North Sea storms known in the past in 1761-5, 1717, 1703 & the 1690s (funding from Shell).

Interim report on the meteorological analysis project on the severest North Sea storms.

Storm surges in the North Sea 1953.


Dutch shipwreck on S. Coast of Iceland 29/9/1667.

Correspondence (1979) from Olive M. Spurr on researching storms in the North Sea, 1680-1800.


Hamburg project for the study of wind distribution, storms and temperature/stability conditions in the North Sea – contract & correspondence, 1974-1975.

[Box 22]

Extraction sheets of storm winds 16th-20th century.

Maps and pictures for *Catalogue of Great Storms over the North Sea and Surrounding Areas*. [Contained in separate box].

[Box 23]


Includes the great Devon snow of 1891 with Charnel gale.

[Box 24]

Lamb, H.H. Historic storms study. Danish weather maps and data, 1800s & 1900s, and 1980s.

**Temperature papers [Box 25]**
Gedeonov, A.D. *Areas of large anomalies of mean monthly air temperature from the long period averages in the northern hemisphere.* Leningrad, 1967. [Unedited translation]. (Lamb list 7).


Bučinskij, I.E. *On the tendency of recent climatic variations.* (Kiev – Temperature and climatic changes c. 1920-1964) (Lamb list 7).


Craddock, J.M. *Persistent temperature regimes at Kew.* [MS].

Craddock, J.M. *Some facts about the mean winter temperature at Greenwich during the last two centuries,* 1962. (Lamb list 7).

See also oversize boxes 1 & 2.

**Tree ring papers [Box 25]**

Fritts, Harold C. *Reconstructing large-scale climatic patterns from tree ring data: a diagnostic analysis.* 1990. [MS].

**Vegetation history [Box 25]**

Wright, H.E. *Quarterly vegetation history – comparison between Europe and N. America,* 1977. [Reprint article]. (Lamb list 45).

**Volcanic effects [Box 26]**


British Museum exhibition to mark the centenary of the eruption of Krakatoa, 1983.

Volcanic eruption reports; Scientific Event Alert Network (SEAN) 1876-77 and D.V.I. dust veil index assessments.


**Weather observations [Box 26]**

Daily weather observations. Trondheim (Norway) 1724.

A summary of climatic events during the period March-May 1977, pp.33-68. [Printed excerpt].

John Evelyn (1620-1706). Diary weather excerpts.


**Weather - East Anglia [Box 27]**

Soil, climate & settlement history (Norfolk).

Glaciations of Norfolk.
Ground frost 1976.

Hailstones, Holme Fen, 1935.

Hailstones 1977 – Haverhill.

Norfolk Rainfall Organization – history.


Data sources.


Correspondence with the Norfolk Naturalists Trust and drafts of H.H. Lamb’s paper: *Some aspects of climate and life in East Anglia down the ages.*

Anglia TV weather department monthly summary February 1986.


Transcript of the will of John Methwoulde of South Pickenham, 1547.

Denver sluice - which broke down in 1713. [MS notes]. Attached with:
Notes: A journal of the weather at Lostaff (Lowestoft) in Suffolk from 1695 – 1724.

Lamb, H.H. *Our climate and the Norfolk scene: some persistent influences but ever-unfolding changes.* Presidential address to the Norfolk and Norwich Naturalist’s Society, 1992. [MS and correspondence].

Notes on a sandstorm in Santon Downham, Suffolk, 1668.

**Weather – UK & Ireland [Box 28]**


Lamb, H.H. Types and spells of weather in the British Isles, pp.401-437. [Chapter in book].


Newburn (Tyne and Wear) Sports Centre – Probability of future flooding. [Correspondence, 1981].

Correspondence with OUP re publication *Climate and landscape in the British Isles* In: The Landscape, Past, Present and Future.

Mathers (Miltonhaven - Southern Kincardineshire, Scotland) disaster in 1795.

**Weather – Central and Northern Europe [Box 29]**
Lamb, H.H. *What can historical records tell us about the breakdown of the medieval warm climate in Europe in the fourteenth and fifteenth centuries – an experiment.* 1987. [Proofs, correspondence and diagrams].

Ogilvie, A.E.J. (CRU). *Climate and economy in Eighteenth Century Iceland.* [Reprint].

Weather in the Netherlands 1592-1602. [MS notes].


**Weather – Southern Europe [Box 29]**
Bell, W.T. (CRU). *The climate of South-East Spain 1580-1630.*

Shonting, David H. *An observation of hot air downwelling over Pantelleria island in the Strait of Sicily,* 1972. [Photocopy].

**Weather – North America [Box 29]**
Wilson, C.V. *The summer season along the East Coast of Hudson Bay during the nineteenth century.*


Kupperman, Karen Ordahl. *The puzzle of the American climate in the early colonial period.* [MS].

**Wind [Box 29]**

Sanding incidents. [MS note].

Sunwind in the Faeroes. [MS].

**Oversize Box 1**
Coloured plates of drawings of the aurora by H. Petersen.


Ben Nevis Observatory 1883-1904. [Pamphlet].

Negative film on the North Sea Floods; CPPF1 and CPPF2, CRURPs and others.

**Oversize Box 2**


World chart with temperatures for the month of September from 1763-1870. (Separate chart for each year).

World chart with temperatures for the month of September from 1871-1960. (Separate chart for each year).

World chart with temperatures for the month of May from 1681; 1771-1864. (Separate chart for each year).

World chart with temperatures for the month of May from 1865-1970. (Separate chart for each year).
LAMB/2

Creation date: 1967 – 1979?

Extent: 14 linear metres.

Scope and content: Contains primarily reprints, data, charts and notes. Also press-cuttings, slides, photographic negatives.

Primarily relates to historical long-range weather forecasting over centuries; meteorological research, global weather phenomena, and global weather forecasting. Some institutional publications and conference material.

System of arrangement: No sorting or re-arrangement of LAMB/2 has taken place. The listing reflects the labels on the boxes or folders as kept by Lamb. There also exists two copies of an accompanying index compiled by Lamb (in red and blue ring-binders) to the printed reports, articles and reprints. There are over 80 lists, each with a separate subject theme.

Contents:

20 folders containing charts and weather maps. Some are oversize. (Occupying one shelf)

Fritz/Kutzbach. Derived Pm charts (seasonal means) from North American tree growth. 5-yr means 1701-5 to 1841-5. (Folder)

Fritz/Kutzbach. Derived Pm charts (seasonal means) from North American tree growth. 5-yr means 1701-5 to 1846-50 to 1956-60. (Folder)

British Isles daily weather type classification. Current register. (Folder)

Lamb classification of daily weather situations (types) over the British Isles 1761- and 1861-. Original master copy. (Folder)

Lamb’s weather type classification for the British Isles for each day 1780- and other early sequences. (Folder)

Monthly wind and weather patterns. January before 1400. (Folder)

Monthly wind and weather patterns. January before 1650. (Folder)

Monthly wind and weather patterns, July, before 1400. (Folder)

Monthly wind and weather patterns, July, before 1650. (Folder)

Monthly means pressure at M.S.L. January. Decade means; longer period means; maps of standard error; delimitation maps; limits of tolerable error. Anomaly maps and change of normal pressure. (Folder).

Monthly mean pressure at M.S.L. July. Decade means; longer period means; maps of standard error; delimitation maps; limits of tolerable error. (Bias < 0.5mb approx.; S.E. < 1mb. N. Hemisphere; < 2.5mb Southern Hemisphere). Maps and change of normal P. (Folder)

Monthly means pressure at M.S.L. and wind patterns January before 1750 (1650-1749). (Folder)

Monthly means pressure at M.S.L. January 1750-1859 (draft). (Folder)
Monthly means pressure at M.S.L. January 1860- (draft). (Folder)

Monthly means pressure at M.S.L. and wind patterns July before 1750 (1650-1749). (Folder)

Monthly means pressure at M.S.L. July 1750-1829 (draft). (Folder)

Monthly means pressure at M.S.L. July 1830- (draft). (Folder)

Test charts 1879-88 simulating data available and used for period 1680-1720. (Folder)

Error test charts. January, and estimates of bias. (Folder)

Error test charts. July, and estimates of bias. (Folder)

**Lamb listing of printed reports and articles (two copies in red and blue ring-binders).**
Contains over 80 numbered lists compiled by Lamb. Each list has a subject theme and contains bibliographic details of printed reports and articles held within the collection.

**Hubert Lamb centenary 1913-2013 documents and archive DVDs (brown box-file).**

**Notes for lectures and slides for societies, etc. (blue box-file).**

**Meteorological Office (box-file).**

**Negative film of storms. Includes two cards showing storm maps (orange box-file).**

**Slides (many slides in brown box).**

**Miscellaneous 1 (brown box).**

**Miscellaneous 2 (brown box).**

**Published papers (brown box-file).**

**Published papers (brown box-file).**

**Klemm, F. Weather Chronicle of the Thann Barefoot Monastery in Upper Alsace from 1182-1700. A contribution to the weather history of the Upper Rhine area. Frankfurt am Main, 1968 (folder).**


**Notes and papers. Temperature. Box 2. British Isles (brown box-file).**

**Notes and papers. Temperature. Box 3. Continental Europe and USSR; Africa and Asia; Conservation of early scales (brown box-file).**

**Notes and papers. Climatic change theory and general papers. Classification of climates (brown box-file).**

**Observation data for Irish potato famine study, 1845, ‘46 ... Box 1. Denmark, Poland, Prague, Danish ships at sea (green box-file).**
Observation data for Irish potato famine study, 1845, ’46 ... Box 2. Finland, Netherlands, Belgium, France, Switzerland, Austria (green box-file).

Observation data for Irish potato famine study, 1845, ’46 ... Box 3. England, Russia (green box-file).

Observation data for Irish potato famine study, 1845, ’46 ... Box 4. Ireland, Norway, Sweden, Scotland, Sicily, Gibraltar, Germany, Ireland, Spain (green box-file).

Long climatological records and C.K. Folland’s papers (green box-file).


Notes and papers for book Balena voyage and Antarctic whaling papers (green box-file).

Diagrams, circulation maps and Obs. Network, also source materials (green box-file).

Data sources and bibliographies (brown box-file).

Other papers. General climatology, etc. (brown box-file).

Volcanics (box-file).

Volcanoes and climate (brown box-file).

Volcanoes; Effects; luminous night clouds; atmospheric optics and stratosphere papers; man-made disasters, nuclear war, etc. (brown box-file).

Volcanics (box-file).

Extremes; atmosphere pressure, variability etc.; tropical cyclones; tidal waves; gales and storminess; thunderstorms and tornadoes; variability (general); long history of the winds (brown box-file).

Exceptional climatic events (brown box-file).

Historic storms; good photographs of weather maps, other figs. and pictures (box-file).

North Sea storms data 1500s - early 1700s sentas [?] and plotting conventions (green box-file).

Publications and some unpublished work before 1973 (brown box-file).


Publications and some unpublished work c1977- (brown box-file).

Publications and some unpublished current work (brown box-file).

CRU seminars and ENV lectures (brown box-file).


Tidal (brown box-file).

Russian papers on levels of the Caspian Sea and lakes in Siberia (brown box-file).


History box 1. General health and diseases (brown box-file).


History box 2. British Isles (brown box-file).


Archaeology. North Sea, Europe includes Viking explorations, and general (brown box-file).

Archaeology. Southern Europe and rest of the World (brown box-file).

Synoptic processes (green box-file).


British weather around the year. Calendars of gales, [?], snow, fog, temperature (brown box-file).

IIASA (brown box-file).

INQUA (International Union for Quaternary Research) (brown box-file).

Cycles (brown box-file).

Cycles (brown box-file).

Sunshine, cloudiness and fog. Albedo, radiation, measurements and heat balance (brown box-file).

Climate reports. Main global weather news of the year (brown box-file).

Sea level (brown box-file).

Waifs and strays (brown box-file).

Statistical and numerical methods (brown box-file).


Workers in climatology: past and present. World list, biographies, etc. (brown box-file).

Institutes, various (brown box-file).

Jet stream. Main weather of the year and current F/C data (brown box-file).


Reports etc. (brown box-file).

Copy of files 1-32, Hamburg Project (brown box-file).

Notes and papers for revision of The English Climate around the British Isles (brown box-file).

Papers on archaeology relating to climate history. List no. 1 Lamb Collection (brown box-file).


World rainfall and moisture in the atmosphere. List no. 3 Lamb Collection (brown box-file).

Circulation type classifications. Grosswetterlagen daily classification from 1881, Hungarian and other. List no. 4 Lamb Collection (brown box-file).


Circulation types. Daily pattern classification by B.L. Dzerdzevski. List no. 6 Lamb Collection (brown box-file).

Atmospheric circulation. List no. 9 Lamb Collection (brown box-file).

Sun-Weather relationships. List no. 10 Lamb Collection (brown box-file).

Northern Hemisphere, miscellaneous. List no. 11 Lamb Collection (brown box-file).

Lake levels; river levels; water table; evaporation; salt. List no. 13 Lamb Collection (brown box-file).


Southern Hemisphere, miscellaneous. List no. 15 Lamb Collection (brown box-file).

Glaciers. List no. 17 Lamb Collection (brown box-file).
Ice sheets. List no. 17 Lamb Collection (brown box-file).

Birds, insects, etc. List no. 18 Lamb Collection (brown box-file).

Sediments, ocean-bed and lakes, including values [?] etc. List no. 19 Lamb Collection (brown box-file).

Fisheries and marine life. List no. 20 Lamb Collection (brown box-file).

Schemes to modify climate. Soviet rivers project. List no. 22 Lamb Collection (brown box-file).


Agricultural impact including horticulture and vineyards. List no. 25 Lamb Collection (brown box-file).


Snow and soil temperatures. List no. 31 Lamb Collection (brown box-file).

Sea temperatures and their effects. Lake and river temperatures. List no. 32 Lamb Collection (brown box-file).

Impact on trees, forests, etc. List no. 37 Lamb Collection (brown box-file).


Pleistocene ice ages and interglacials. List no. 39-44 Lamb Collection (brown box-file).

Late-glacial and post-glacial sequence. List no. 39-44 Lamb Collection (brown box-file).

Northern Sea ice and effects. List no. 29-39-44 Lamb Collection (brown box-file).

Quaternary sequences and ice ages. Regional papers. List no. 39-44 Lamb Collection (brown box-file).


Impacts registered in human history. List no. 52 Lamb Collection (brown box-file).


Volcano data. Box 1. List no. 55 Lamb Collection (brown box-file).

Volcano data. Box 2. List no. 56 Lamb Collection (brown box-file).


Albedo, geomagnetism, geophysical, solar and astronomical influence changes and cosmic influences. Sunspot records. List no. 61, 64/65 Lamb Collection (brown box-file).

Long-range weather forecasting. List no. 72/73 Lamb Collection (brown box-file).

Medium to long-range weather forecasting studies. List no. 73 Lamb Collection (brown box-file).

History of meteorology and climatology. List no. 75 Lamb Collection (brown box-file).

Jet streams, anti-cyclones, cyclones and steering box. List no. 78 Lamb Collection (brown box-file).

Phenology. List no. 79 Lamb Collection (brown box-file).

Data, notes and reports on the weather in Eastern England. List no. 81 Lamb Collection (brown box-file).