
Finding Aid for the Jakob Bjercknes Papers, ca. 1900-1988

Collection number: 1709

UCLA Library, Department of Special Collections
Manuscripts Division

Los Angeles, CA

Processed by:

Manuscripts Division staff, August 1993

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Josh Fiala, February 2004

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Descriptive Summary

Title: Jakob Bjercknes Papers,

Date (inclusive): ca. 1900-1988

Collection number: 1709

Creator: Bjercknes, Jakob, 1897-1975

Extent: 2 boxes (1 linear ft.)

Repository: University of California, Los Angeles. Library. Dept. of Special Collections.

Los Angeles, California 90095-1575

Abstract: Jakob Aall Bonnevie Bjercknes (1897-1975) was a professor of meteorology at UCLA (1940-1965). He founded UCLA's Atmospheric Sciences Department. His research work focused on the importance of atmospheric fronts and initial formulation of polar front model, and global changes in the atmosphere. The collection consists of material relating to Bjercknes and his meteorologist father, Vilhelm. There are clippings, printed items, correspondence, photographs and memorabilia, papers by Jakob Bjercknes, awards, and materials regarding his memorial at UCLA, memorial lecture and fund.

Physical location: Stored off-site at SRLF. Advance notice is required for access to the collection. Please contact the UCLA Library, Department of Special Collections Reference Desk for paging information.

Language: English

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Restrictions on Access

COLLECTION STORED OFF-SITE AT SRLF: Advance notice required for access.

Provenance/Source of Acquisition

Gift of Hedvig Bjercknes, 1993.

Preferred Citation

[Identification of item], Jakob Bjercknes Papers (Collection 1709). Department of Special Collections, Charles E. Young Research Library, University of California, Los Angeles.

Biography

Jakob Aall Bonnevie Bjerknes was born November 2, 1897; his father, Vilhelm Bjerknes published books on meteorology, including *Dynamic meteorology and hydrography* (1910-11); Jakob earned a Ph.D at the University of Oslo (Norway) in 1924; became chief of weather forecasting for western Norway in Bergen, 1921-31; consultancies in Zurich and London; professor of meteorology, University of Bergen, 1931-40; professor (1940-65) and professor emeritus, beginning in 1965, UCLA; founded UCLA Atmospheric Sciences Department; research work on importance of atmospheric fronts and initial formulation of polar front model, and global changes in the atmosphere; publications include *Life cycle of cyclones and the polar front theory of atmospheric circulation* (1922); member, American Academy of Arts and Sciences; he died in 1975.

Scope and Content

Collection consists of material relating to UCLA meteorologist Jakob Bjerknes and his meteorologist father Vilhelm, including clippings, printed items, correspondence, photographs and memorabilia. Includes papers by Jakob Bjerknes, awards, and materials regarding his memorial at UCLA, memorial lecture and fund. Contains material about air-sea interactions from the Jakob Bjerknes Symposium, February 1988. Some materials are in Norwegian.

Indexing Terms

The following terms have been used to index the description of this collection in the library's online public access catalog.

Bjerknes, Jakob, 1897-1975--Archives.

Bjerknes, V. (Vilhelm), 1862- --Archival resources.

University of California, Los Angeles. Dept. of Meteorology--Faculty--Archival resources.

Box 1, Folder 1 **Vilhelm F.K. Bjerknes.**

Box 1, Folder 2 **Clippings re Vilhelm Bjerknes.**

Box 1, Folder 3 **Olaf Devik - Vilhelm Bjerknes.**

Box 1, Folder 4 **Clippings re Jacob Bjerknes, 1929-1976.**

Box 1, Folder 5 **Correspondence.**

Box 1, Folder 6 **Papers & awards.**

Box 1, Folder 7 **Dynamic meteorology.**

Box 1, Folder 8 **Articles on Nobel Prize.**

Box 1, Folder 9 **Universitetsbibliotek Oslo.**

Box 1, Folder 10 **Minner Fra Bergenskolen.**

Box 1, Folder 11 **Photographs & memorabilia.**

Box 1, Folder 12 **Photographs & awards.**

Box 2, Folder 1 ***Appropriating the Weather* by Robert Marc Friedman.**

Box 2, Folder 2 ***Selected Papers by Jacob Bjerknes.***

Box 2, Folder 3 **Scrapbook - photographs & memorabilia.**

Box 2, Folder 4 **Bjerknes UCLA Memorial.**

Box 2, Folder 5 **Bjerknes Memorial Lecture.**

Box 2, Folder 6 **Bjerknes Memorial Fund.**

Box 2, Folder 7 **National Medal of Science.**

Box 2, Folder 8 **Jacob Bjerknes Symposium - Air-Sea Interactions, February 1988.**