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*Institution Archives*

## David H. DeVorkin Papers, circa 1979-2002

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## Table of Contents

Collection Overview .....	1
Administrative Information .....	1
Descriptive Entry.....	1
Names and Subjects .....	1
Container Listing .....	3

## Collection Overview

<b>Repository:</b>	Smithsonian Institution Archives, Washington, D.C., <a href="mailto:osiaref@si.edu">osiaref@si.edu</a>
<b>Title:</b>	David H. DeVorkin Papers
<b>Date:</b>	circa 1979-2002
<b>Identifier:</b>	Accession 07-137
<b>Creator::</b>	DeVorkin, David H., 1944-
<b>Extent:</b>	3 cu. ft. (3 record storage boxes)
<b>Language:</b>	English

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## Administrative Information

### Preferred Citation

Smithsonian Institution Archives, Accession 07-137, David H. DeVorkin Papers

### Access Restriction

Until the death of the Donor, SIA will notify the Donor prior to, or within 7 days after, the materials have been accessed for reseach. Contact reference staff for details.

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## Descriptive Entry

This accession consists of materials documenting the professional activities of David H. DeVorkin, Curator of Astronomy, National Air and Space Museum. Materials primarily document DeVorkin's editing of a book for the National Geographic Society titled *Beyond Earth: Mapping the Universe*, preparation of his own books and manuscripts such as the *Race to the Stratosphere: Manned Scientific Ballooning in the Stratosphere*, and his involvement in the American Astronomical Society (AAS), especially the Historical Astronomy Division (HAD). Materials include correspondence and memoranda; research materials such as photocopied news articles, chronologies, biographies, logs, and artifact information sheets; manuscripts by DeVorkin as well as manuscripts for the book he edited; images; permissions; notes; exhibition proposals; and AAS newsletters, meeting agendas, correspondence, and notes.

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## Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

### Subjects:

- Aeronautical museums
- Astronautical museums
- Astronomy
- Book editors
- Exhibitions
- Exhibitions

Museum exhibits  
Professional associations  
Publications  
Science -- History

Types of Materials:

Black-and-white photographs  
Black-and-white transparencies  
Clippings  
Color photographs  
Color transparencies  
Manuscripts  
Newsletters  
Pamphlets

Names:

American Astronomical Society  
American Astronomical Society. Historical Astronomy Division  
DeVorkin, David H., 1944-  
National Air and Space Museum (U.S.)  
National Geographic Society (U.S.)

Preferred Titles:

*Beyond Earth: mapping the universe (Monograph)*  
*Race to the stratosphere: manned scientific ballooning in the stratosphere (Monograph : 1989)*

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## Container Listing

	Box 1
	Balloon Book, Research Notes, Edited Drafts, Piccard Papers Summary: Balloon Book, Research Notes, Edited Drafts, Piccard Papers
Box 1 of 3	Century of Progress - Letters and handwritten notes, many dealing with Piccard
Box 1 of 3	Kepner bio - Two biographical documents
Box 1 of 3	National Geographic Society (NGS) Notes - Handwritten notes and photocopied letters
Box 1 of 3	Collage - Photocopied clippings about balloons
Box 1 of 3	Stratosphere Balloon Clippings - All photocopied
Box 1 of 3	Salt Lake Tribune - Photocopied article about Balloonist's account
Box 1 of 3	New York Times - Short photocopied article about launching rockets from balloons
Box 1 of 3	Photos for Collage Miscellaneous Selections - Short photocopied article from the Butler County Newspaper
Box 1 of 3	Washington Post - Short photocopied article on Army Balloon
Box 1 of 3	Chicago Daily News - Short article with pictures
Box 1 of 3	Balloon Sources, Resources - Newsletter
Box 1 of 3	Balloon Correspondence 1993 - Letters and newsletter
Box 1 of 3	Winker- Ballooning - Letters
Box 1 of 3	John Irwin photos - Letters
Box 1 of 3	Print Requests Completed - Lists of materials to be photographed and photocopied materials
Box 1 of 3	Greenstein-Concept for Spectrograph - Reproduction of information on the V-2 rocket (equations, diagrams, notes)
Box 1 of 3	Regener Pfozter max TBX - Photocopied material in German and English

Box 1 of 3	Regener Balloon Spectra-TBC - Articles in German and English
Box 1 of 3	Meisinger-Balloons and Meteorology - Parts 1 and 2 of Meisinger Biographical Tribute with an Assessment of His Contributions to Meteorology by John M. Lewis
Box 1 of 3	Rapid City Paper - Photocopied clippings
Box 1 of 3	Project Helios ONR Files - Chronology of project Helios file, photocopied letters, and index cards
Box 1 of 3	Balloons vs. Rockets Helios - Photocopied letters and documents about stratolab
Box 1 of 3	Source for Photographing Woodcut of Croce-Spinelli making Spectroscopic observations of the Sun - Page of 1978 Frankfurt newspaper with pictures of balloons and a few articles
Box 1 of 3	Piccard Article 2/13/1990 - Drafts of Piccard manuscript for Air and Space and letters to and from Air and Space
Box 1 of 3	Miscellaneous Folder - Notes for conclusion Why We Went to the Moon and notes taken in LA and Explorer Notes March 1988 and beyond
Box 1 of 3	Jeannette Piccard - Detroit Log - Copy of original log of Jeannette Piccard
Box 1 of 3	Piccard Notes P-47
Box 1 of 3	Xerox of Complete Poppenhusen File in Piccard Archives (1933-late 1934)
Box 1 of 3	Chicago Museum letter - Piccard Family Papers 1920s-1937 - Many photocopied letters
Box 1 of 3	Library of Congress (LC) Manuscripts Division - Piccard Family Papers 1945 - On "Helios" lots of photocopied material (mainly letters)
Box 1 of 3	For Translation - Letters in French to A. Piccard
Box 1 of 3	Library Work Pending - News clipping about the book New Lands, New Men, notes, and copy of The Physical Review, Vol. 50, No. 4 about Cloud chamber observations of cosmic rays, other articles about spectrophotometry
Box 1 of 3	University of Minnesota Archives - 5 letters
Box 1 of 3	Minnesota Physics People (Ney, etc) - Letters
Box 1 of 3	Van Allen - Letters

Box 1 of 3	Bettmann News photos (UPI) - Correspondence about photographs (no photographs)
Box 1 of 3	Photo Permission to be sent to Springer-Verlag - Letters, forms signed for the use of photographs
Box 1 of 3	SI General Counsel - Letters including requests for advice on copyright and liability when publishing, manuscript copyright and permission to quote document from the Library of Congress
Box 1 of 3	Wide World/ Keystone - Letters about purchasing photographs for publication
Box 1 of 3	Requisition for Photographic Services - Requisition for photographic services along with photocopies of photographs
Box 2	
	Beyond Earth Summary: Beyond Earth
Box 2 of 3	CORBIS Images/National Portrait Gallery (NPG) - Printed info from National Portrait Gallery with Herschel pictures, printed info on Herschel Museum, and printed photos of observatories (Mount Wilson?)
Box 2 of 3	Universe Video "Curatorial Road show" - Printed pictures and artifact information sheets
Box 2 of 3	Road show Questions - Artifact information sheets and information on Dicke Differential Microwave Radiometer
Box 2 of 3	Detector Section Video - Artifact info sheets
Box 2 of 3	Birthday Star Data - Lists of nearest stars, list of brightest stars, and birthday star list
Box 2 of 3	Noah's Ark - Photograph of Noah's Ark, article on Planispheric Astrolabes from the National Museum of American History published in Smithsonian Studies in History and Technology No. 45
Box 2 of 3	Mayan or Aztec Thing - Photograph
Box 2 of 3	King Lab - Photograph, negative, Xerox, and letter to Ron Brashear
Box 2 of 3	Geographic book 10/01/2001 - Photograph, negative, and miscellaneous printouts
Box 2 of 3	Kneamen - Images to get (printed pictures)

Box 2 of 3	Hubble Heritage Image File - Printed pictures and information
Box 2 of 3	World's Largest Optical Telescope - List of the largest optical telescopes
Box 2 of 3	Istanbul Observatory - Letters and emails, copies of photo of Islamic observatory used in ETU
Box 2 of 3	Malin, David - Memos and emails, proposal for guest curation of a temporary exhibit on astronomical photography, and proposal for mini-exhibit Origins of Space Science
Box 2 of 3	Eric Long - Photographs of telescopes, Spectrographs, etc.
Box 2 of 3	Ronsaville and Wood - Letter and mounted pictures of geocentric system
Box 2 of 3	Eli Dwek Stuff - Miscellaneous information for ETU including drawings, emails, and spending plan
Box 2 of 3	Laurie Hatch - Lick Refractor Photo License Agreement with 2 photos
Box 2 of 3	Stoke-ST SCI - Email
Box 2 of 3	Women in Astronomy - Copy of STATUS June 2000
Box 2 of 3	ETU Image Checklists
Box 2 of 3	Images (Status) - ETU image checklists and list of ETU illustrations
Box 2 of 3	Dave R. - Photo Captions for ETU
Box 2 of 3	Joan Mathys Contract 2002
Box 2 of 3	Letter to Authors 5/1/2002 - Letter and list of authors' addresses
Box 2 of 3	Book Contract - Contract and publishing agreement
Box 2 of 3	Exhibition Book (Universe) - Proposal for book, thoughts for gallery book, and letters
Box 2 of 3	Geographic Book Contract
Box 2 of 3	Mapping the Universe - Rough drafts for historical attributes, letters, list of chapter authors, copy of Serendipitous discoveries in radio astronomy, information on David T. Wilkinson, and copies of chapters from book
Box 2 of 3	National Geographic Books Catalogue Spring 2002



Box 2 of 3	NGS/SI Celestial Cartography - List of chapter authors, draft proposal on Celestial Cartography, and exhibition book write up for New Telescopes, New Universes
Box 2 of 3	Celestial Cartography - Emails and draft proposal for Celestial Cartography
Box 2 of 3	ETU Book Images - List of images of artifacts in exhibition E or Collection C as Chapter frontispieces
Box 2 of 3	Dibner Photo Order (Xeroxes taken from dump files return) - Information on Tycho Brahe, Galileo, and Herschel and ETU image checklist
Box 2 of 3	Dibner Holdings on Brahe, Kepler, etc. - Emails and printouts from SI research info system
Box 2 of 3	Stuff to do for Sidebars
Box 2 of 3	Sidebars - List of sidebars, photocopied photos, production and manufacturing schedule, and sidebars
Box 2 of 3	How Big is Big? Sidebar - Astronomy picture of the day September 4, 2001 and "A Question of Scale" from <a href="http://www.wordwizz.com">www.wordwizz.com</a>
Box 2 of 3	NGS Book Chapter 5 - Warner essay 1st draft and Dibner Images
Box 2 of 3	NGS Book Chapter 1
Box 2 of 3	Kreamer - Emails, Performing the Moral Universe: African Arts and Cosmologies by Christine Mullen Kreamer
Box 2 of 3	Major - East Asian Cosmologies by John Major
Box 2 of 3	Chamberlain - Images to Set
Box 2 of 3	Native American Cosmos - Photographs and negatives
Box 2 of 3	Chamberlain - Cosmologies of the America by Von Del Chamberlain and Historical Archaeoastronomy: The Hopi Example by Stephen C. McCluskey
Box 2 of 3	NGS Book Chapter 6 "Copernicus Chaser" (The Most Brilliant PhD Thesis Ever Written in Astronomy by Owen Gingerich) - Copy of chapter and emails
Box 2 of 3	NGS Book Chapter 7 - Hoskin 2nd Draft and Performing the Moral Universe: African Arts and Cosmologies by Christine Mullen Kreamer

Box 2 of 3	DeVorkin - Chemistry of Cosmos - What is the Universe Made of? by David DeVorkin and The Chemistry of the Cosmos by David DeVorkin
Box 2 of 3	NGS Book Chapter 8 "From Hubble to Hubble" - David DeVorkin Correspondence with R. Smith
Box 2 of 3	Stephenson - Lessons from the Past: Historical Supernovae by F. Richard Stephenson and photograph
Box 2 of 3	NGS Book Chapter 9 "Why does Astronomer She Cannot See?" by Vera Rubin - Photograph, letter, email, and normal copy of chapter
Box 2 of 3	Smith - Hubble to Hubble by Robert W. Smith
Box 2 of 3	NGS Book Chapter 10 "Gravitational Lenses" - Tony Tyson
Box 2 of 3	Tyson - Draft 3-D Tomography of the Dark Universe
Box 2 of 3	Geller - Rough draft of Exploring Space and Time and emails
Box 2 of 3	NGS Book Chapter 12 "Detecting Cosmic Microwave Background" by Robert Wilson
Box 2 of 3	Wilkinson
Box 2 of 3	NGS Book Chapter 13 "From Pigeon Traps to Boomerangs" by Dave Wilkinson - Emails and photocopied photos (no copy of chapter)
	Box 3
	Historical Astronomy Division, American Astronomical Society, Russell Grant Summary: Historical Astronomy Division, American Astronomical Society, Russell Grant
Box 3 of 3	HAD check problems done 7/1/1996 - HAD letters
Box 3 of 3	HAD - Adler - Abstract forms for AAS meeting
Box 3 of 3	New IRC - Emails including IRCHAD action list
Box 3 of 3	1999 note logs - Many emails (July 13, 1998-AAS 1999 Note Log)
Box 3 of 3	HAD - Yerkes 1999 - Newsletter and letter to AAS Centennial Committee Members
Box 3 of 3	Russians - "The Early Post-War History of Soviet Radio Astronomy" by Vladimir S. Strel'nitski JHA, xxvi (1995); "Political Repression and Personality: The History of Political Repression Against Soviet Astronomers" A. I. Eremeeva JHA, xxvi (1995); "Science Feasts Whilst

the Public Starves: A Note on the Reconstruction of the Pulkovo Observatory After World War II" Alexander Gurshtein and Constantin Ivanov JHA, xxvi (1995); "V.T. Ter-Oganezov, Ideologist of Soviet Astronomy" Vitalii Bronshten and Robert McCutcheon JHA, xxvi (1995); Documents about Russian/American conference

Box 3 of 3	Russian Members IRC HAD International Relations Committee - Photocopies of photos, emails, and other documents (many in Russian)
Box 3 of 3	Astronomy and State - Draft of The Early Post-War History of Soviet Radio Astronomy
Box 3 of 3	HAD newsletters - HAD and AAS newsletters
Box 3 of 3	HAD 1994-1995 Tucson - Letters and agenda for business meeting
Box 3 of 3	National Science Foundation (NSF)/ SAO Micro Prop - July 11, 1996 microhao note log and letters
Box 3 of 3	HAD finding aid
Box 3 of 3	HAD files deposited at AIP - Letter
Box 3 of 3	Deadline Dates - AAS calendar of important dates 1988, AAS newsletter November 1987, AAS calendar of important dates 1987, and AAS executive office calendar 1986, 1985, 1992
Box 3 of 3	AAS Graduate Education in Astronomy
Box 3 of 3	Draft of AAS's "An Examination of Graduate Education in Astronomy May 1997"
Box 3 of 3	HAD Newsletters, 1995-1996
Box 3 of 3	HAD newsletters - August 1993-January 1998
Box 3 of 3	AAS Washington 1/1998 - Press advisory for AAS meeting January 6-10, 1998, agenda, HADDC note log October 9, 1997, and HADDC note log July 9, 1997
Box 3 of 3	AAS January 1998 - Information for meeting
Box 3 of 3	HAD Business Meeting - Letters and draft secretary-treasurer's report, 1997
Box 3 of 3	HAD Toronto-Business - AAS 1997 membership renewal information, handwritten notes, Jan 1997 HADPAL note log, September 1996 note log, and AAS newsletter August 1996, December 1996, October 1996
Box 3 of 3	HAD Palomar June 1998 - Information on trip and emails

Box 3 of 3	"The Great Spherical Aberration Fiasco of 1902 and its Aftermath" by D. E. Osterbrock - Abstract
Box 3 of 3	HAS - Austin 1999 - Emails
Box 3 of 3	HAD 1997 Report - Report, emails, and letters
Box 3 of 3	HAD Budget 1997 - Letters, emails, account transactions, income vs. spending, monthly cash flow, where the money goes, account balance history, and account balances
Box 3 of 3	AAS January 2002 - Agenda LOC meeting January 2002, emails, and proposed schedule for invited talks and special sessions January 2002
Box 3 of 3	Ralph Kenat - Short letters
Box 3 of 3	Russell Grant 1980 NSF - Final report for Russell NSF Grant, unsigned independent contractor agreements, letters and memos, summary of work on NSF Grant July 1980-July 1981, and proposal to NSF
Box 3 of 3	AIP 1981 - Robert D'Escourt Atkinson Correspondence, letters, list of chapters in Menzel bio
Box 3 of 3	AIP Correspondence 1980 - Letters and notes from phone call
Box 3 of 3	NSF-HNR - Summary of work on NSF grant July 1980-July 1981, posting for a free-lance research assistant, revised budget proposal for NSF grant, letters, revised budget, and request for continuation of NSF-supported research on Russell
Box 3 of 3	Applicants - Applications for Russell research assistant
Box 3 of 3	Donna Houck - Bills and acceptance of research assistant position
Box 3 of 3	Format for reading Micro
Box 3 of 3	Chapter 16 (Old) - Letters and working copy
Box 3 of 3	Final Program, AAS, Atlanta, Georgia, January 1992
Box 3 of 3	Russell chapter revision - Letters with comments about chapters