



ArchivesSpace

Walter Orr Roberts Collection - WOR

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Describing Archives: A Content Standard

National Center for Atmospheric Research (NCAR) Archives

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Summary Information

Repository:	National Center for Atmospheric Research (NCAR) Archives
Creator:	Roberts, Walter Orr
Title:	Walter Orr Roberts Collection
ID:	- WOR
Date [inclusive]:	1940-2007
Date [bulk]:	bulk
Date [inclusive]:	Date acquired: 20060000
Physical Description:	3.30 Linear Feet
Language of the Material:	English
Abstract:	The collection has been arranged topically and the folders are listed in alphabetical order.

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Scope and Contents

The Walter Orr Roberts Collection includes records pertaining to Dr. Roberts' work with Soviet scientists, published and unpublished writings, various photographs from around the world, audio cassettes of Dr. Roberts' presentations, films, and some memorabilia. Select materials from this collection have been digitized and are available in OpenSky, NCAR Library's digital repository.

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Administrative Information

Publication Statement

National Center for Atmospheric Research (NCAR) Archives

Conditions Governing Access

Access to this collection is open, although there are some materials that are restricted.

Conditions Governing Use

Not all of the material in the collection is in the public domain. Researchers are responsible for addressing copyright issues.

Source of Acquisition

Janet Roberts, Betty O'Lear, UCAR Corporate Affairs Office, CU's American Music Research Center

Method of Acquisition

The Walter Orr Roberts collection is comprised of materials donated by his wife, Janet Roberts, UCAR staff member, Betty O'Lear, UCAR Corporate Affairs Office, and CU's American Music Research Center.

Appraisal Information

Duplicate materials were removed from the collection.

Accruals and Additions

No accruals or additions are expected.

Processing Information

The collection was processed in April 2010. Materials were brought together from a few sources to create a single collection. Writings stored in 3-ring binders were removed and rehoused in acid-free folders. Photographic materials were rehoused in appropriate preservation enclosures and stored in folders according to original order. Many photographs have little or no identifying information.

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Related Materials

Related Materials

The University of Colorado Archives holds the Papers of Walter Orr Roberts. <http://ucblibraries.colorado.edu/archives/guides/index.htm>

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Controlled Access Headings

- Climatic changes
- Global warming
- National Center for Atmospheric Research (U.S.). High Altitude Observatory.
- National Center for Atmospheric Research (U.S.).
- Pei, Ieoh Ming, 1917-

Physical Access Requirements

The collection must be viewed in the Archives during normal business hours.

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Technical Access Requirements

There are some audio-visual materials that are not available for play-back as they are original copies that have not been digitized.

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Collection Inventory

Box 1	Box 1	
Climax Observatory Guestbook (copy), 1941-1947 <u>Date [inclusive]:</u> 1941-1947	Box 1	Folder 1
Clippings	Box 1	Folder 2
Correspondence: Motoko Ohashi, 1971 <u>Date [inclusive]:</u> 1971	Box 1	Folder 3
Greenhouse Glasnost Program: Correspondence, Binder #1, 1987-1988 <u>Date [inclusive]:</u> 1987-1988	Box 1	Folder 4
Greenhouse Glasnost Program: Correspondence, Binder #2, 1987-1988 <u>Date [inclusive]:</u> 1987-1988	Box 1	Folder 5
Greenhouse Glasnost Program: Correspondence, Binder #2, "Central", 1987-1988 <u>Date [inclusive]:</u> 1987-1988	Box 1	Folder 6
Greenhouse Glasnost Program: Correspondence, Binder #2, "Test Central", 1988 <u>Date [inclusive]:</u> 1988	Box 1	Folder 7
Greenhouse Glasnost Program: Correspondence, Binder #3, 1988-1989 <u>Date [inclusive]:</u> 1988-1989	Box 1	Folder 8
Greenhouse Glasnost Program: Correspondence, Binder #3, "Individual" (1 of 2), 1988-1989 <u>Date [inclusive]:</u> 1988-1989	Box 1	Folder 9
Greenhouse Glasnost Program: Correspondence, Binder #3, "Individual" (2 of 2), 1989 <u>Date [inclusive]:</u> 1989	Box 1	Folder 10
Greenhouse Glasnost Program: Correspondence, Binder #3, "G. Central & GG All", 1988-1989 <u>Date [inclusive]:</u> 1988-1989	Box 1	Folder 11
Greenhouse Glasnost Program: Correspondence, Binder #3, "G. Impact", 1989 <u>Date [inclusive]:</u> 1989	Box 1	Folder 12
Greenhouse Glasnost Program: Correspondence, Binder #3, "WG VIII Communications" , 1988-1989	Box 1	Folder 13

Date [inclusive]: 1988-1989

Greenhouse Glasnost Program: "Hypothetical Scenario Essays for the Greenhouse Glasnost Program", 1989	Box 1	Folder 14
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Date [inclusive]: 1989

Greenhouse Glasnost Program: Meeting Vu-graphs, 1989	Box 1	Folder 15
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Date [inclusive]: 1989

Greenhouse Glasnost Program: U.S./U.S.S.R. Teleconference, 1986-1987	Box 1	Folder 16
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Date [inclusive]: 1986-1987

Greenhouse Glasnost Program: Vu-graphs re: Teleconference, 1988	Box 1	Folder 17
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Date [inclusive]: 1988

Memorial Service, 1990-1991	Box 1	Folder 18
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Date [inclusive]: 1990-1991

Miscellaneous	Box 1	Folder 19
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Talks: American Academy of Arts and Science, 1985-1989, undated	Box 1	Folder 20
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Date [inclusive]: 1985-1989, undated

Talks: Colorado Music Festival, "WWII Through McCarthyism", 1989	Box 1	Folder 21
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Date [inclusive]: 1989

Talks: Plowboy Interview, "Living with the Greenhouse Effect", 1984	Box 1	Folder 22
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Date [inclusive]: 1984

Walter Orr Roberts' Rolodex, 1990	Box 1	Folder 23
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Date [inclusive]: 1990

Writings: Boulder Camera Article, 1956	Box 1	Folder 24
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Date [inclusive]: 1956

Writings: "Climate Change & its Effect on World Food", 1974	Box 1	Folder 25
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Date [inclusive]: 1974

Scope and Contents

Published by the Aspen Institute for Humanistic Studies. (2 copies)

Writings: "The Coming Global Greenhouse Warming: What We Can and Should Do About It", 1985	Box 1	Folder 26
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Date [inclusive]: 1985

Writings: Dissertation, "Preliminary Studies of the Solar Corona and Prominences with the Harvard Coronagraph", 1943

Box 1

Folder 27

Date [inclusive]: 1943

Writings: "Living with the Changed World Climate", 1982

Box 1

Folder 28

Date [inclusive]: 1982

Writings: Manuscript, "The Ingenious Conjecture: Folklore and Theories of Weather Prediction", 1980

Box 1

Folder 29

Date [inclusive]: 1980

Writings: Manuscript, "Rules of Thumb in Weather and Climate", 1982-1985

Box 1

Folder 30

Date [inclusive]: 1982-1985

Writings: National Geographic, "We're Doing Something About the Weather!", 1972

Box 1

Folder 31

Date [inclusive]: 1972

Writings: "Out of An Impasse Through a Strait", 1985

Box 1

Folder 32

Date [inclusive]: 1985

Writings: Provocations, Listings, 1984-1989

Box 1

Folder 33

Date [inclusive]: 1984-1989

Writings: Provocations (1 of 3), 1984-1986

Box 1

Folder 34

Date [inclusive]: 1984-1986

Scope and Contents

Provocations are available [[url=https://www.archives.ucar.edu/search/wor#overlay-context=online](https://www.archives.ucar.edu/search/wor#overlay-context=online)].

Writings: Provocations (2 of 3), 1987-1988

Box 1

Folder 35

Date [inclusive]: 1987-1988

Scope and Contents

Provocations are available [[url=https://www.archives.ucar.edu/search/wor#overlay-context=online](https://www.archives.ucar.edu/search/wor#overlay-context=online)].

Writings: Provocations (3 of 3), 1989-1990

Box 1

Folder 36

Date [inclusive]: 1989-1990

Scope and Contents

Provocations are available [[url=https://www.archives.ucar.edu/search/wor#overlay-context=online](https://www.archives.ucar.edu/search/wor#overlay-context=online)].

Writings: "Understanding Weather and Climate", 1972 <u>Date [inclusive]: 1972</u>	Box 1	Folder 37
Writings: "Relationship Between Solar Activity and Climate Change", 1973 <u>Date [inclusive]: 1973</u>	Box 1	Folder 38
Writings: "Science, Technology, and the Changing Human Condition", 1976 <u>Date [inclusive]: 1976</u>	Box 1	Folder 39
Writings: Publication List, 1990 <u>Date [inclusive]: 1990</u>	Box 1	Folder 40
Photographs: Aspen, undated <u>Date [inclusive]: undated</u>	Box 1	Folder 41
Photographs: Aspen Institute, undated <u>Date [inclusive]: undated</u>	Box 1	Folder 42
Photographs: WOR and I.M. Pei at 25th Anniversary and WOR and Bill Hess	Box 1	Folder 43

Scope and Contents

Birthday gift from UCAR photographer, Bob Bumpus

Photographs: Budapest and Balaton, 1967 <u>Date [inclusive]: 1967</u>	Box 1	Folder 44
Photographs: Climax, undated <u>Date [inclusive]: undated</u>	Box 1	Folder 45
Photographs: Climbers in Soviet Union, undated <u>Date [inclusive]: undated</u>	Box 1	Folder 46
Photographs: CO2 Project- AIHS/FCWF, Berlin Workshop, 1980 <u>Date [inclusive]: 1980</u>	Box 1	Folder 47
Photographs: Family and Climax, [1940s], undated <u>Date [inclusive]: [1940s], undated</u>	Box 1	Folder 48

Scope and Contents

From Janet Roberts

HAO Party, 1959	Box 1	Folder 49
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<u>Date [inclusive]:</u> 1959		
Photographs: IFIAS, Europe, and Alaska, 1973, 1977 <u>Date [inclusive]:</u> 1973, 1977	Box 1	Folder 50
Photographs: Interior and Exterior of Obsy [Climax], [1940s] <u>Date [inclusive]:</u> [1940s]	Box 1	Folder 51
Photographs: Jet Contrail Photos, 1960s <u>Date [inclusive]:</u> 1960s	Box 1	Folder 52
Photographs: Life Photos, Climax, Colo., July 1945 <u>Date [inclusive]:</u> July 1945	Box 1	Folder 53
Photographs: Loose, some identification, 1940-1989 <u>Date [inclusive]:</u> 1940-1989	Box 1	Folder 54
Box 2	Box 2	
Photographs: Marconi 1977, Aspen-Hawaii, 1977, 1973, 1977 <u>Date [inclusive]:</u> 1973, 1977	Box 2	Folder 55
Photographs: Masevic's Satellite Center, 1971 Visit, 1971 <u>Date [inclusive]:</u> 1971	Box 2	Folder 56
Photographs: Mesa Lab, [1960s], undated <u>Date [inclusive]:</u> [1960s], undated	Box 2	Folder 57
Photographs: Mounted Photos, [1960s], 1982 <u>Date [inclusive]:</u> [1960s], 1982	Box 2	Folder 58
Photographs: Nairobi Fall 1975, Yuwe Spring 1976, IFIAS Stockholm June 1973, and Sazanov Aspen Flight September 1973, 1973-1976 <u>Date [inclusive]:</u> 1973-1976	Box 2	Folder 59
Photographs: Plate Measuring Device, [1940s] <u>Date [inclusive]:</u> [1940s]	Box 2	Folder 60
Photographs: Pulkovo Observatory, 1964 <u>Date [inclusive]:</u> 1964	Box 2	Folder 61
Photographs: U.S.S.R. Trip, 1958 <u>Date [inclusive]:</u> 1958	Box 2	Folder 62
Photographs: Radiation Symposium in Leningrad, 1964 <u>Date [inclusive]:</u> 1964	Box 2	Folder 63
Photographs: Scientific Photos, 1947-1987, undated <u>Date [inclusive]:</u> 1947-1987, undated	Box 2	Folder 64
Photographs: Sent from NSF, American Embassy, APO San Francisco, 1971	Box 2	Folder 65

Date [inclusive]: 1971

Photographs: Sulakvalidze, circa 1968 <u>Date [inclusive]:</u> circa 1968	Box 2	Folder 66
Photographs: Walter Orr Roberts	Box 2	Folder 67
Photographs: Walter Orr Roberts Mesa, 1989 <u>Date [inclusive]:</u> 1989	Box 2	Folder 68
Photographs: Woods Hole Oceanographic Institute, 1981 <u>Date [inclusive]:</u> 1981	Box 2	Folder 69
Photographs: Miscellaneous, Identified, [1960s-1980s] <u>Date [inclusive]:</u> [1960s-1980s]	Box 2	Folder 70
Photographs: Miscellaneous, Identified, 1974-1987 <u>Date [inclusive]:</u> 1974-1987	Box 2	Folder 71
Photographs: Miscellaneous, Identified, 1960-1988 <u>Date [inclusive]:</u> 1960-1988	Box 2	Folder 72
Photographs: Miscellaneous, Identified, 1982 <u>Date [inclusive]:</u> 1982	Box 2	Folder 73
Photographs: Miscellaneous, Identified, 1968-1988, undated <u>Date [inclusive]:</u> 1968-1988, undated	Box 2	Folder 74
Photographs: Miscellaneous, Identified, 1968, undated <u>Date [inclusive]:</u> 1968, undated	Box 2	Folder 75
Photographs: Miscellaneous, Unidentified, 1968, undated <u>Date [inclusive]:</u> 1968, undated	Box 2	Folder 76
Photographs: Miscellaneous, Unidentified, undated <u>Date [inclusive]:</u> undated	Box 2	Folder 77
Photographs: Miscellaneous, Unidentified, 1989 <u>Date [inclusive]:</u> 1989	Box 2	Folder 78

FBI Records (1 of 2), 1946-2007 (bulk)

Date [inclusive]: 1946-2007

Date [bulk]: bulk

Immediate Source of Acquisition:

Immediate Source of Acquisition

These materials were obtained from the FBI by a FOIA request in 2006.

FBI Records (2 of 2), 1946-2007 (bulk)

Date [inclusive]: 1946-2007

Date [bulk]: bulk

Immediate Source of Acquisition:

Immediate Source of Acquisition

These materials were obtained from the FBI by a FOIA request in 2006.

Magnetic Audio Tapes	Box 2	Folder 79
Scope and Contents		
7 tapes		
Box 3: Films, Audio Cassettes, Photo Albums, and Memorabilia		
Arches of Science Award medal, undated	Box 3	
<u>Date [inclusive]:</u> undated		
Videocassette, Colorado portraits, Walter Orr Roberts, 4/19/1990	Box 3	
<u>Date [inclusive]:</u> 4/19/1990		
Film reel: Sydney Chapman; hollow square; science and scientists; some recollections, 1904, 10/8/1965-12/16/1966	Box 3	
<u>Date [inclusive]:</u> 10/8/1965-12/16/1966		
Walter Orr Roberts lecture film, 10/1977	Box 3	
<u>Date [inclusive]:</u> 10/1977		
Walter Orr Roberts lecture film #2, undated	Box 3	
<u>Date [inclusive]:</u> undated		
Scope and Contents		
Somewhat scratched but OK		
Box of cassette tapes	Box 3	
Scope and Contents		
a box of 39 cassette tapes, about half of the tapes are unlabeled		
Photo album, ERL/MCE Kahuku, 1984	Box 3	
<u>Date [inclusive]:</u> 1984		
Photo album, LAS retreat, 1964-1965	Box 3	
<u>Date [inclusive]:</u> 1964-1965		
Photo album, Sweden and U.S.S.R, 1958	Box 3	
<u>Date [inclusive]:</u> 1958		
Newspaper clippings, 1964-1990	Box 3	

Date [inclusive]: 1964-1990

Recording disc	Box 3
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Plaques, 1989, undated	Box 3
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Date [inclusive]: 1989, undated

Scope and Contents

A plaque of the Walter Orr Roberts seminar room and a plaque commmerating Walter Orr Roberts for his instrument making

How to run a lathe, the care and operation of a screw cutting lathe, 1939	Box 3
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Date [inclusive]: 1939

Tape of Walter Orr Roberts dinner, 11/29/1973	Box 3
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Date [inclusive]: 11/29/1973

Scope and Contents

HAO dinner honoring Dr. Roberts, contains a short paragraph of instructions.

Magnetic sound recording tape, undated	Box 3
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Date [inclusive]: undated

Box 4: Annotated Books

The Climate Mandate, 1979	Box 4
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Date [inclusive]: 1979

Scope and Contents

[i]The Climate Mandate[/i] gives readers a clear understanding of climatic fluctuation and its economic, social and political implications. Bringing together information from a variety of endeavors -- atmospheric science, agriculture, social and economic history -- the authors present a unified, accessible view of their topic, avoiding unnecessary mathematics, complex graphs and intrusive documentation. For those wishing to read further in particular areas, a bibliography is included. [i]The Climate Mandate [/i]is an essential work on a critical subject (from the back of the book). Signed by Henry Lansford.

Through Rugged Ways to the Stars, 1969	Box 4
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Date [inclusive]: 1969

Scope and Contents

Signed by Harlow Shapley

The Cosmic Connection, 1973	Box 4
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Date [inclusive]: 1973

Scope and Contents

signed by Carl Sagan

The Dragons of Eden: Speculations on the evolution of human intelligence, 5/31/1977 Box 4

Date [inclusive]: 5/31/1977

Scope and Contents

In [u]The Cosmic Connection[/u], Dr. Carl Sagan dramatized for the layman the search for life beyond the earth. Here he turns with the same lucidity and excitement to the equally fascinating inner world of the mind. In a breathtaking overview from prehistory to the present he explains how human beings evolved, genes and brains together; who our ancestors and their competitors were; how our brains and the brains of other animals work; and why other intelligent beings will be sufficiently like us to permit interstellar communication. Throughout the book there are quite literally mind-blowing revelations about what we have learned recently of the abilities of other animals to reason, what computers have taught us about the mechanism of our brains, and what the latest theories are about the functions of sleep and dreams and the storage of memory. There are also fascinating excursions into myth and legend and their possible relationship to recent discoveries. And there are Dr. Sagan's bold speculations on the implications of these discoveries, and on what the next steps in human evolution may be. (taken from the book jacket). Signed by Carl Sagan.

The Cosmic Code, 1982 Box 4

Date [inclusive]: 1982

Scope and Contents

Signed by Heinz Pagels

Box 5: United Nations Environment Programme North American Leadership Award program and photographs, 1989-04-17

Date [inclusive]: 1989-04-17

Box 6: Oversize Awards and Photographs Box 6

Letter from the Pacific Science Center, 3/23/1990 Box 6

Date [inclusive]: 3/23/1990

Scope and Contents

The letter is about the Arches of Science Award plaque.

Award: The New York Academy of Science, 8/27/1970 Box 6

Date [inclusive]: 8/27/1970

Scope and Contents

The award signifies that Walter Orr Roberts is an active member of the New York Academy of Science

Award: American Institute of Aeronautics and Astronautics, 1958 Box 6

Date [inclusive]: 1958

Scope and Contents

The award celebrates Walter Orr Robert's sustained contributions to the advancement of the arts, sciences, and technology of aeronautics and astronautics.

Award: North American Leadership Award dinner guest list, 4/17/1989 Box 6

Date [inclusive]: 4/17/1989

Scope and Contents

The guest list and letters from those who could not attend.

Senate proceedings -- column by Walter Orr Robert's, 11/10/1987 Box 6

Date [inclusive]: 11/10/1987

Scope and Contents

Mr. Wirth's testimony before the senate where he used a column written by Walter Orr Roberts

Award: Committee on Science and Astronautics - United States House of Representatives, 1/26-28/1971 Box 6

Date [inclusive]: 1/26-28/1971

Scope and Contents

This award expresses the high esteem that the Committee on Science and Astronautics held for Walter Orr Robertss

Award: The American Geophysical Union, 4/1962 Box 6

Date [inclusive]: 4/1962

Scope and Contents

The award signifies that Watler Orr Roberts is a fellow of the American Geophysical Union.

Award: World Academy of Art and Science, 9/22/1988 Box 6

Date [inclusive]: 9/22/1988

Scope and Contents

written in Latin.

Award: Line Island Experiment, 1967

Box 6

Date [inclusive]: 1967

Scope and Contents

An award for participating in NCAR's Line Island Experiment

Award: Aspen Institute for Humanistic Studies, 7/3/1973

Box 6

Date [inclusive]: 7/3/1973

Scope and Contents

2 awards naming Walter Orr Roberts as a fellow of the Aspen Institute.

Award: Department of State of the United States of America, 11/23/1981

Box 6

Date [inclusive]: 11/23/1981

Scope and Contents

This award appoints Walter Orr Roberts as a member of the United States National Commission for the United Nations Educational, Scientific and Cultural Organization

Award: the American Meteorological Society - the Cleveland Abbe award, 2/1970

Box 6

Date [inclusive]: 2/1970

Scope and Contents

An award for distinguished service in atmospheric science.

Photo: solar flare, 9/6/1962

Box 6

Date [inclusive]: 9/6/1962

Scope and Contents

A photo of a solar flare taken by the Lockheed solar observatory.

Photo: comet Kohoutek, 12/27/1973

Box 6

Date [inclusive]: 12/27/1973

Scope and Contents

A photo of the comet Kohoutek near the sun. The photo has a description attached to its rear.

Photo: partial eclipse over Hawaii, 1980

Box 6

Date [inclusive]: 1980

Scope and Contents

Photo has description written on rear.

Award: North American Leadership Award dinner guest list, 4/17/1989

Box 6

Date [inclusive]: 4/17/1989

Scope and Contents

A short section about Walter Orr Roberts and several pages of guest signatures and thank yous to him

Award: The Smithsonian Institute - Hodgkins medal, 4/24/1973

Box 6

Date [inclusive]: 4/24/1973

Scope and Contents

This award is for knowledge of the physical environment bearing upon the welfare of man.

Photo: oversized photo of Climax Observatory, undated

Box 6

Date [inclusive]: undated

Scope and Contents

Oversized color photograph of the Climax Observatory.

Photo: oversized photo of mesa lab, undated

Box 6

Date [inclusive]: undated

Scope and Contents

Oversized black and white photograph of the mesa lab.

Photo: oversize photo of the construction of the Climax Observatory, undated

Box 6

Date [inclusive]: undated

Scope and Contents

Oversize black and white photo of the construction of the Climax Observatory

Photo: Oversize photo of the construction of the mesa lab, undated

Box 6

Date [inclusive]: undated

Scope and Contents

Oversize black and white photo of the construction of the mesa lab.

Poster: Earth Day 1990, undated

Box 6

Date [inclusive]: undated

Scope and Contents

3 posters in memory to Walter Orr Roberts celebrating Earth day 1990.