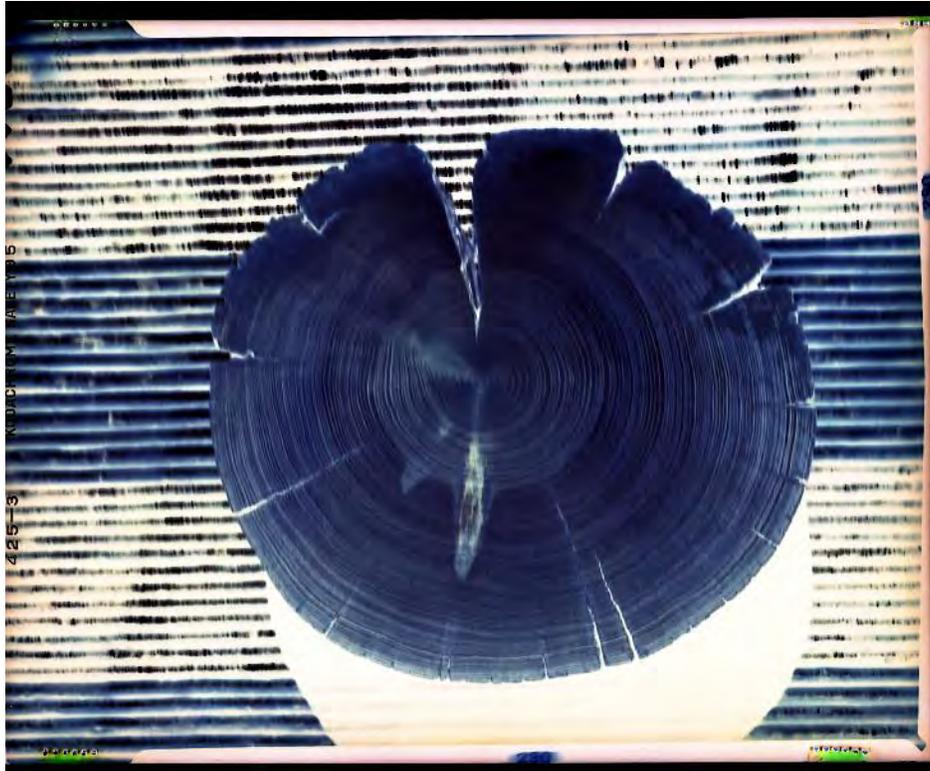




## FINDING AID



### **CHACO WOOD PROJECT 1919-2009 (Bulk Dates: 1985-2007)**

Prepared by  
Chaco Culture National Historical Park  
National Park Service 2011

Catalog Number: CHCU 107533

Accession Number: CHCU ACC - 00788

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## ***HISTORY***

The Chaco Wood Project was begun in 1985 to examine the complexities of dating the occupation of Pueblo Bonito brought about by the reuse of construction wood by the Chacoans themselves and by subsequent reuse of construction timbers for site stabilization in historic times. The final research goals were to understand wood procurement strategies and forest depletion. Documentation of changes through time in the choice of certain species and tree sizes was sought as a means of interpreting social behavior at the greathouses.

In addition to Pueblo Bonito, The Chaco Wood Project focused on other greathouse ruins in the Chacoan region that are identified by large and numerous rooms, are typically of multistory construction, and exhibit some of the finest masonry in North America.

Before the Chaco Wood project, the majority of specimens were collected in the 1920s during Judd's excavations. For the next 40 years only a trickle of samples were retrieved from Pueblo Bonito. The unsystematic collection of these samples biased the interpretation of chronology at the site.

The results from Pueblo Bonito allowed a number of new interpretations. The initial construction of the site can be pushed back into the mid-ninth century. The dramatic shifts in wood species mark the spread of procurement activities from local to distant resources, with increasingly greater uniformity of wood selection through time. Most important, the data on wood use in conjunction with climatic reconstructions suggest that all but one of the major construction events were linked to periods of wetter than normal conditions. The exception, which integrates construction at a number of greathouses with prehistoric road use, may signal Chaco Canyon's emergence as a regional center.

***SCOPE AND CONTENT***

CHACO WOOD PROJECT  
1919-2009 (bulk dates: 1985-2007)

*COLLECTION NUMBER* 0015

*CATALOG NUMBER* CHCU 107533

*VOLUME* [Count] [Extent]7.9 [Type of Unit]LINEAR FEET

*DESCRIPTION* WOOD DOCUMENTATION FORMS, ARCHITECTURE RECORDING FORMS, TREE RING LAB DATA AND STANDARD REPORTS, FIELD NOTES, DRAWINGS/MAPS, REPORTS, CORRESPONDENCE, MEMOS, ADMINISTRATIVE PAPERS, FLEXIDISCS

*ORGANIZATION* [Organization]ORGANIZED INTO 5 SERIES:

001: PARK RECORDS  
002: TOM WINDES RECORDS  
003: REPORTS & PAPERS  
004: RESEARCH  
005: PHOTOGRAPHY  
[Arrangement]BY SERIES

*RESTRICTIONS* NO

*ASSOCIATED MATERIALS* 0022/007 - Chetro Ketl Backfill Maps

## ***HIERARCHY***

*SERIES I: PARK RECORDS, 1979-2007 (bulk dates: 1988-1997)*

*SERIES II: TOM WINDES RECORDS, 1960-2009 (bulk dates: 1985-2007)*

*SUBSERIES I: GENERAL NOTES*

*SUBSERIES II: PUEBLO DEL ARROYO*

*SUBSERIES III: PUEBLO BONITO*

*SUBSERIES IV: CHETRO KETL*

*SUBSERIES V: ELECTRONIC MEDIA*

*SERIES III: REPORTS & PAPERS, 1992-1993*

*SERIES IV: RESEARCH, 1919-1994 (bulk dates: 1981-1994)*

*SERIES V: PHOTOS, 1988-2001*

***SERIES AND FILE UNIT DESCRIPTIONS***

**Collection/Series:** 0015/001  
**Series Title:** SERIES I: PARK RECORDS

**Accession:** CHCU-00788      **Catalog Nbr:** CHCU 107533  
**Inclusive Dates:** 1979-2007      **Bulk Dates:** 1988-1997

**History:** FOR MORE INFORMATION SEE COLLECTION LEVEL HISTORY.

**Scope:** WOOD DOCUMENTATION FORMS, ARCHITECTURE RECORDING FORMS, TREE RING LAB DATA AND STANDARD REPORTS, FIELD NOTES, DRAWINGS

**Arrangement:** BY SITE

**Series Nbr:** 001

**File Unit:** 01

**Dates:** 1971-1979

**Title:** Penasco Blanco: Plans and Tree Ring Dates

**Summary Notes:**

Also includes an overview of Penasco Blanco, notes on locations of specimens

---

**Series Nbr:** 001

**File Unit:** 02

**Dates:** 1971-1990

**Title:** Penasco Blanco: T-R Lab Dates

**Summary Notes:**

Detailed specimen catalog (location, photo dates, specimens), Wood documentation forms, room sketches

---

**Series Nbr:** 001

**File Unit:** 03

**Dates:** 1983-2001

**Title:** Kin Bineola Completed Documentation

**Summary Notes:**

wood documentation forms, room sketches, site maps, photos of specimens

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**Series Nbr:** 001

**File Unit:** 04

**Dates:** 1988

**Title:** Casa Chiquita Completed Documentation

**Summary Notes:**

wood documentation forms, room sketches, site maps

---

**Series Nbr:** 001

**File Unit:** 05

**Dates:** 1988-1992

**Title:** Casa Rinconada - Tree Ring Lab Dates

**Summary Notes:**

tree ring data, specimen list, wood documentation forms, room sketches and site maps

---

**Series Nbr:** 001

**File Unit:** 06

**Dates:** 1988

**Title:** Hungo Pavi Completed Documentation

**Summary Notes:**

wood documentation forms, room sketches, site maps

---

**Series Nbr:** 001

**File Unit:** 07

**Dates:** 1992

**Title:** Hungo Pavi Tree Ring Lab Dates

**Summary Notes:**

detailed specimen records by FS#, including locations, species, some dates

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**Series Nbr:** 001

**File Unit:** 08

**Dates:** 1988-1997

**Title:** Kin Kletso: Completed Documentation

**Summary Notes:**

wood documentation forms, room sketches, site maps

---

**Series Nbr:** 001

**File Unit:** 09

**Dates:** 1993-1996

**Title:** Kin Kletso Tree Ring Lab Dates

**Summary Notes:**

detailed specimen records by FS#, including locations, species, some dates

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**Series Nbr:** 001

**File Unit:** 10

**Dates:** 1988-1996

**Title:** Tsin Kletzin Completed Documentation

**Summary Notes:**

wood documentation forms, detailed room sketches, site maps, tree ring data

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**Series Nbr:** 001

**File Unit:** 11

**Dates:** 1988-1992

**Title:** Una Vida Completed Documentation and Dates

**Summary Notes:**

wood documentation forms, room sketches, site maps

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**Series Nbr:** 001

**File Unit:** 12

**Dates:** 1988-1996

**Title:** Wijiji Completed Documentation

**Summary Notes:**

wood documentation forms, room sketches, site maps, tree ring notes

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**Series Nbr:** 001

**File Unit:** 13

**Dates:** 1989

**Title:** Fajada Butte Completed Documentation

**Summary Notes:**

wood documentation form, cryptic note on room numbers

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**Series Nbr:** 001

**File Unit:** 14

**Dates:** 1990-1997

**Title:** Kin Klizhin Completed Documentation

**Summary Notes:**

wood documentation forms, detailed room sketch, FS# summary

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**Series Nbr:** 001

**File Unit:** 15

**Dates:** 1990-1992

**Title:** Pueblo Pintado Tree Ring Lab Dates + Documentation

**Summary Notes:**

wood documentation forms, detailed room sketches, site maps, tree ring data

---

**Series Nbr:** 001

**File Unit:** 16

**Dates:** 1991

**Title:** BC Sites [Wood Documentation Forms]

**Summary Notes:**

wood documentation forms, room sketches, site maps

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**Series Nbr:** 001

**File Unit:** 17

**Dates:** 1991

**Title:** Pueblo del Arroyo Architecture Recording Forms

**Summary Notes:**

forms with data on various rooms in Pueblo del Arroyo

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**Series Nbr:** 001

**File Unit:** 18

**Dates:** 1992

**Title:** BC 51 and BC 50 Tree Ring Lab Dates

**Summary Notes:**

tree ring data

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**Series Nbr:** 001  
**File Unit:** 19  
**Dates:** 1993-1997  
**Title:** Kin Ya'a Wood Notes  
**Summary Notes:**  
fs#s by room, wood documentation forms, room sketches

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**Series Nbr:** 001  
**File Unit:** 20  
**Dates:** 1993-1996  
**Title:** Kin Ya'a Tree Ring Dates  
**Summary Notes:**  
tree ring and specimen data

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**Series Nbr:** 001  
**File Unit:** 21  
**Dates:** 1996-1999  
**Title:** Chetro Ketl [FS Numbers List]  
**Summary Notes:**  
FS#s by room

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**Series Nbr:** 001  
**File Unit:** 22  
**Dates:** 1979  
**Title:** Chetro Ketl Notes: Lekson and McKenna  
**Summary Notes:**  
wood specimen data- references Lekson and McKenna, but not necessarily their data

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**Series Nbr:** 001  
**File Unit:** 23  
**Dates:** 1990-2004  
**Title:** [Chetro Ketl Wood Documentation Forms]  
**Summary Notes:**  
4 folders- wood documentation forms and room sketches, specimen summary in folder 4

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**Series Nbr:** 001  
**File Unit:** 24  
**Dates:** 1992-2007  
**Title:** Chetro Ketl Tree Lab Dates  
**Summary Notes:**  
tree ring and specimen data

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**Series Nbr:** 001

**File Unit:** 25

**Dates:** 1999

**Title:** List of Chetro Ketl Taken in Feb '99 - Windes

**Summary Notes:**

tree ring and specimen data

---

**Series Nbr:** 001

**File Unit:** 26

**Dates:** 1987

**Title:** [Pueblo Bonito] American Museum Samples and Forms - Need FS Numbers

**Summary Notes:**

wood documentation forms, correspondence from American Museum of Natural History (NY) on wood sections

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**Series Nbr:** 001

**File Unit:** 27

**Dates:** 1987

**Title:** 1987 Pueblo Bonito Tree Ring Lab Cores

**Summary Notes:**

tree ring and specimen data, 3 page summary of project

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**Series Nbr:** 001

**File Unit:** 28

**Dates:** 1986-1989

**Title:** [Pueblo Bonito Wood Documentation Forms FS 1-4247]

**Summary Notes:**

10 folders - wood documentation forms, room sketches, last folder includes photos of wood sections

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**Series Nbr:** 001

**File Unit:** 29

**Dates:** 1988-1992

**Title:** Pueblo Bonito Tree Ring Lab Dates

**Summary Notes:**

specimen summaries, tree-ring data (includes locations and provenience as well as dates), explanation of symbols for tree-ring reports,

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**Series Nbr:** 001

**File Unit:** 30

**Dates:** 1989-1992

**Title:** Pueblo Bonito Notes

**Summary Notes:**

2 folders- sample sketch, specimen data, FS#s by room

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**Series Nbr:** 001

**File Unit:** 31

**Dates:** 1997-2004

**Title:** Pueblo Bonito FS File, Maps, etc.

**Summary Notes:**

FS#s by room, site maps, room sketches, specimen inventory

---

**Collection/Series:** 0015/002  
**Series Title:** SERIES II: TOM WINDES RECORDS

**Accession:** CHCU-00788      **Catalog Nbr:** CHCU 107533  
**Inclusive Dates:** 1960-2009      **Bulk Dates:** 1985-2007

**History:** Tom Windes early work with Florence Hawley Ellis as a graduate student may have served as a point of inspiration for his interest in Dendrochronology. With the material here, Windes intends to fix inconsistencies in the Dendro Park data. It will best serve the researcher to compare both Tom's records and the Park records in concert.

According to Tom, the site that is most comprehensive and orderly of the Chaco sites is Pueblo Del Arroyo. The reasoning behind his conclusion is that the larger sites were the first to be tackled by the park and many inconsistencies in order of data exist (namely in Chetro Ketl and Pueblo Bonito). This does not mean this data is incorrect, Tom simply feels this information is far from complete or orderly.

Another large point of relevance to Tom has been the careful assessment of the data included in the Tree Ring Laboratory reports. It is within the TRL information that he gleans much of the in-depth information for his subsequent scholarship; this info is often lacking in the field specimen sheets of most other sites other than Pueblo del Arroyo. To see if TRL is included in field specimen sheets, note information annotated in red ink.

This information is included on Tom's own copies of field specimen sheets. The Park copies quite often lack this information: researchers need to cross reference park copies and Tom copies of field specimen sheets to ensure all the relevant data is referenced.

When Windes dates the wood in a room he works from top to bottom and from inside to outside. The key insight from this otherwise obscure point is that vigas are usually the least reliable pieces of wood within a site because they are the most likely to have been moved from one site to another during stabilization projects in the past.

Windes includes an immense amount of marginalia in his field specimen sheets; they are usually located at the bottom of the page and provide rich historical information. He usually includes in these notes who took cores from wood he is analyzing and if at all possible he attempts to refer to published scholarship of archeologists who previously dated wood samples. His general rule of thumb is if the particular archeologist did not clearly stamp his name or initials, the size of the core could offer information of when the core was taken (one inch usually means pre-1950 core sample, 1/2" core = used until early 1990s, 5/8" or 7/8" core usually Tom.)

Regarding types of wood: Tom is usually quite suspect of Pinon because it is quite rare in Chaco pre-historically. Neil Judd was quite fond of using pinon in stabilization and re-facing projects particularly in Pueblo del Arroyo. The simplistic equation is as follows: pinon=historic wood.

Species of wood is potentially the most relevant to Tom's scholarship with the exception of actual dates. It allows him the ability to access the particular kinds of wood within the Chacoan system and it's provenience. He uses these insights to develop a potential model of trade extending well into modern day Colorado and Utah amongst the Anasazi cultural group. Within this network massive pieces of wood (usually very particular species of wood) were transported great distances for the construction of Chacoan structures.

The following Tom articles are very helpful to the layperson attempting to understand his Dendrochronology work:

Windes and McKenna: "Going Against the Grain: Wood Production in Chacoan Society." *American Antiquity*, 66(1), 2001, pp. 119-140.

Windes and Ford: "The Chaco Wood Project: The Chronometric Reappraisal of Pueblo Bonito." *American Antiquity*, 61 (2), 1996, pp. 295-310.

**Scope:** WOOD DOCUMENTATION FORMS, ARCHITECTURE RECORDING FORMS, TREE RING LAB DATA AND STANDARD REPORTS, FIELD NOTES, DRAWINGS/MAPS, REPORTS, CORRESPONDENCE, MEMOS, ADMINISTRATIVE PAPERS, FLEXIDISCS

**Arrangement:** BY SITE

**Provenance:** THOMAS C. WINDES

**Series Nbr:** 002  
**File Unit:** 01  
**Dates:** 1990-1993  
**Title:** McKenna Award  
**Summary Notes:**

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**Series Nbr:** 002  
**File Unit:** 02  
**Dates:** 1986-1993  
**Title:** Correspondence  
**Summary Notes:**

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**Series Nbr:** 002  
**File Unit:** 03  
**Dates:** 1990-1992  
**Title:** Racemization Analysis Turkey Bones  
**Summary Notes:**

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**Series Nbr:** 002  
**File Unit:** 04  
**Dates:** 1986  
**Title:** Statewide Archeological Activity. Merlan-Schaafsma Correspondence  
**Summary Notes:**

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**Series Nbr:** 002  
**File Unit:** 05  
**Dates:** 1992  
**Title:** Guidelines for Training Courses Set-Up  
**Summary Notes:**

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**Series Nbr:** 002  
**File Unit:** 06  
**Dates:** 1976-1977  
**Title:** Screening, Invoicing, etc.  
**Summary Notes:**

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**Series Nbr:** 002  
**File Unit:** 07  
**Dates:** 1990  
**Title:** Scope of Collections DRAFT  
**Summary Notes:**

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**Series Nbr:** 002  
**File Unit:** 08  
**Dates:** 1986-1993  
**Title:** Trip Reports  
**Summary Notes:**

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**Series Nbr:** 002  
**File Unit:** 09  
**Title:** Computer SAS Info  
**Summary Notes:**

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**Series Nbr:** 002  
**File Unit:** 10  
**Dates:** 1993  
**Title:** Memos  
**Summary Notes:**

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**Series Nbr:** 002  
**File Unit:** 11  
**Dates:** 1986-2003  
**Title:** Work Schedules  
**Summary Notes:**

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**Series Nbr:** 002  
**File Unit:** 12  
**Dates:** 1985  
**Title:** [Largest Settlement Site and the Interpretation of Socio-Political Complexity at Chaco Canyon, NM]  
**Summary Notes:**

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**Series Nbr:** 002

**File Unit:** 13

**Dates:** 1960-1981

**Title:** Papers about Population

**Summary Notes:**

Demographics Archaeology' by Hassan, Fekri A.; 'Estimating Populations Numbers Through Archaeological and Skeletal Remains' by Howells, W.W.; 'An Addition to Naroll's Suggested Floor Area and Settlement Population Relationship' by LeBlanc, Steven; 'Household Size of Prehistoric Western Pueblo Indian' by Turner, Christy G. and Laurel Lofgren; 'Floor Area and Settlement Population' by Naroll, Raoul; 'Population Studies of Southwestern Indian Tribes' by Sofaer, J.A. et al

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**Series Nbr:** 002

**File Unit:** 14

**Dates:** 1987

**Title:** Pollen Analysis - Mealing Bins from Rm 110, Pueblo Alto

**Summary Notes:**

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**Series Nbr:** 002

**File Unit:** 15

**Dates:** 1985

**Title:** Experimental Corn Plots in Chaco Canyon: The Life and Hard Times of Zea Mays DRAFT

**Summary Notes:**

---

**Series Nbr:** 002

**File Unit:** 16

**Dates:** 1984

**Title:** Holocene Climate and Environment

**Summary Notes:**

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**Series Nbr:** 002

**File Unit:** 17

**Title:** Wood Preservation Project: FS Number Assignments for Entire Project

**Summary Notes:**

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**Series Nbr:** 002

**File Unit:** 18

**Dates:** 1988-1989

**Title:** Tom Windes 1988-1989 Analysis: Tables, Summary Tables

**Summary Notes:**

T-R dating symbols/species abbreviations, etc. Code for T-R attributes, T-R sample/date table, documented replacement wood, problems

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**Series Nbr:** 002**File Unit:** 19**Dates:** 1991, 1992**Title:** Bunker Storage**Summary Notes:**

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**Series Nbr:** 002**File Unit:** 20**Title:** Wood Project Database Computer Program**Summary Notes:**

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**Series Nbr:** 002**File Unit:** 21**Dates:** 1996**Title:** Pueblo Alto [Tree Ring Lab Records]**Summary Notes:**

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**Series Nbr:** 002**File Unit:** 22**Dates:** 1988, 2005**Title:** Pueblo del Arroyo: Active FS Inventory Sheets**Summary Notes:**

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**Series Nbr:** 002**File Unit:** 23**Title:** Pueblo del Arroyo: Plans and Tree Ring Dates**Summary Notes:**

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**Series Nbr:** 002**File Unit:** 24**Dates:** 2009**Title:** [CD-R of 'Pueblo del Arroyo Wood Report as Sent to Journal of Field Archeology 3 Dec 2009 and Database of Pueblo del Arroyo Wood']

**Summary Notes:**

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**Series Nbr:** 002**File Unit:** 25**Dates:** 2009**Title:** [Pueblo del Arroyo: Tree Ring Lab List]**Summary Notes:**

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**Series Nbr:** 002**File Unit:** 26**Title:** [Pueblo del Arroyo: Wood Documentation Forms]**Summary Notes:**4 folders

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**Series Nbr:** 002**File Unit:** 27**Dates:** 1988**Title:** [Pueblo del Arroyo: Field Specimen Sheets]**Summary Notes:**5 folders

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**Series Nbr:** 002**File Unit:** 28**Dates:** 2007**Title:** [CHCU Museum Collection: Pueblo del Arroyo Dendro Sample List]**Summary Notes:**

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**Series Nbr:** 002**File Unit:** 29**Dates:** 1993**Title:** Pueblo del Arroyo: Wood Summaries**Summary Notes:**

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**Series Nbr:** 002**File Unit:** 30**Dates:** 1996**Title:** [Pueblo del Arroyo: List of Field Specimen Numbers]**Summary Notes:**

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**Series Nbr:** 002  
**File Unit:** 31  
**Dates:** 1989-2003  
**Title:** [Pueblo del Arroyo: Tree Ring Lab Results]  
**Summary Notes:**

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**Series Nbr:** 002  
**File Unit:** 32  
**Dates:** 1977-1993  
**Title:** [Pueblo del Arroyo: Tree Ring Loan Forms]  
**Summary Notes:**

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**Series Nbr:** 002  
**File Unit:** 33  
**Dates:** 1995  
**Title:** [Pueblo del Arroyo: Tree Ring Lab Results, Standard Report]  
**Summary Notes:**

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**Series Nbr:** 002  
**File Unit:** 34  
**Dates:** 1990-2007  
**Title:** Pueblo del Arroyo: Wood Notes  
**Summary Notes:**

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**Series Nbr:** 002  
**File Unit:** 35  
**Dates:** 1991-2007  
**Title:** [Pueblo del Arroyo: Letters/Correspondence]  
**Summary Notes:**

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**Series Nbr:** 002  
**File Unit:** 36  
**Title:** [Pueblo Bonito Wood Documentation Forms]  
**Summary Notes:**  
9 folders

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**Series Nbr:** 002  
**File Unit:** 37  
**Dates:** 1994  
**Title:** [Specimens Collected from Pueblo Bonito]  
**Summary Notes:**

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**Series Nbr:** 002  
**File Unit:** 38  
**Dates:** 1996  
**Title:** [Pueblo Bonito - TRL Lab Results]  
**Summary Notes:**

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**Series Nbr:** 002  
**File Unit:** 39  
**Dates:** 1992  
**Title:** [Pueblo Bonito FS Assignment Sheets]  
**Summary Notes:**

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**Series Nbr:** 002  
**File Unit:** 40  
**Title:** [Pueblo Bonito - Notes]  
**Summary Notes:**

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**Series Nbr:** 002  
**File Unit:** 41  
**Dates:** 2001, 2006  
**Title:** [Pueblo Bonito - Letters/Correspondence]  
**Summary Notes:**

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**Series Nbr:** 002  
**File Unit:** 42  
**Title:** [Pueblo Bonito - Maps]  
**Summary Notes:**

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**Series Nbr:** 002  
**File Unit:** 43  
**Dates:** 1984  
**Title:** [Great Pueblo Architecture of Chaco Canyon' pp 109-144]  
**Summary Notes:**

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**Series Nbr:** 002  
**File Unit:** 44  
**Dates:** 1992-1997  
**Title:** [Chetro Ketl: Wood Documentation Forms]  
**Summary Notes:**  
7 folders

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**Series Nbr:** 002  
**File Unit:** 45  
**Dates:** 1994-1996  
**Title:** [Chetro Ketl: Tree Ring Lab Standard Reports]  
**Summary Notes:**

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**Series Nbr:** 002  
**File Unit:** 46  
**Dates:** 1992  
**Title:** [Scale Drawings of Chetro Ketl]  
**Summary Notes:**  
and wood documentation forms

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**Series Nbr:** 002  
**File Unit:** 47  
**Dates:** 1994  
**Title:** Chetro Ketl - 1994 Wall Maps. Rooms without Wood  
**Summary Notes:**

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**Series Nbr:** 002  
**File Unit:** 48  
**Dates:** 1994-2007  
**Title:** [Tree Ring Lab: Chetro Ketl Lab Results]  
**Summary Notes:**  
2 folders

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**Series Nbr:** 002  
**File Unit:** 49  
**Dates:** 1994-1999  
**Title:** [Chetro Ketl: Tree Ring Samples]  
**Summary Notes:**

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**Series Nbr:** 002  
**File Unit:** 50  
**Title:** [Chetro Ketl: East Dump Notes]  
**Summary Notes:**

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**Series Nbr:** 002  
**File Unit:** 51  
**Dates:** 2003  
**Title:** [Chetro Ketl: Drafts of Reports]  
**Summary Notes:**

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**Series Nbr:** 002  
**File Unit:** 52  
**Dates:** 2003  
**Title:** [Chetro Ketl: Database Spreadsheets]  
**Summary Notes:**

---

**Series Nbr:** 002  
**File Unit:** 53  
**Dates:** 1998-2004  
**Title:** [Chetro Ketl - Kiva G Complex: Letters and Correspondence]  
**Summary Notes:**

---

**Series Nbr:** 002  
**File Unit:** 54  
**Title:** [Chetro Ketl: Maps and Drawings]  
**Summary Notes:**

---

**Series Nbr:** 002  
**File Unit:** 55

**Dates:** 1994

**Title:** [Research Proposal: 'Excavations at Chaco Canyon Great Pueblos: Re-Evaluating Early Works']

**Summary Notes:**

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**Series Nbr:** 002

**File Unit:** 56

**Dates:** 1996

**Title:** [Chetro Ketl Notes]

**Summary Notes:**

---

**Series Nbr:** 002

**File Unit:** 57

**Dates:** 2004

**Title:** ['The Changing Faces of Chetro Ketl' DRAFTS]

**Summary Notes:**

---

**Series Nbr:** 002

**File Unit:** 58

**Title:** [Photos of Pueblo Bonito]

**Summary Notes:**

---

**Series Nbr:** 002

**File Unit:** 59

**Title:** [Photocopies of Pueblo Bonito]

**Summary Notes:**

---

**Series Nbr:** 002

**File Unit:** 60

**Dates:** 1995

**Title:** [Photos of Chetro Ketl]

**Summary Notes:**

8x10 B&Ws

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**Series Nbr:** 002

**File Unit:** 61

**Title:** [Chaco Wood Project Photos]

**Summary Notes:**8x10 B&Ws

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**Series Nbr:** 002**File Unit:** 62**Title:** [Electronic Records]**Summary Notes:**1 CD-R, flexidisks: Papers and Chaco Wood database [CD-R made at the time of cataloguing from flexis that were readable]

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**Collection/Series:** 0015/002.001

**Series Title:** ---SUBSERIES I: GENERAL NOTES

**History:** Tom Windes early work with Florence Hawley Ellis as a graduate student may have served as a point of inspiration for his interest in Dendrochronology. With the material here, Windes intends to fix inconsistencies in the Dendro Park data. It will best serve the researcher to compare both Tom's records and the Park records in concert. FOR MORE INFORMATION SEE HISTORY IN SERIES LEVEL DESCRIPTION.

**Series Nbr:** 002.001

**File Unit:** 01

**Dates:** 1950

**Title:** Earl Morris/ A.E. Douglass Correspondence

**Summary Notes:**

copies of 3 letters between Morris and Douglass regarding wood samples from Pueblo Bonito

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**Series Nbr:** 002.001

**File Unit:** 02

**Dates:** 1960-1981

**Title:** Papers about Population

**Summary Notes:**

Demographics Archaeology' by Hassan, Fekri A.; 'Estimating Populations Numbers Through Archaeological and Skeletal Remains' by Howells, W.W.; 'An Addition to Naroll's Suggested Floor Area and Settlement Population Relationship' by LeBlanc, Steven; 'Household Size of Prehistoric Western Pueblo Indian' by Turner, Christy G. and Laurel Lofgren; 'Floor Area and Settlement Population' by Naroll, Raoul; 'Population Studies of Southwestern Indian Tribes' by Sofaer, J.A. et al

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**Series Nbr:** 002.001

**File Unit:** 03

**Dates:** 1965-1982

**Title:** Reference Material

**Summary Notes:**

site maps, reference material on masonry types, assessment of effect of wood project, wood condition by room number, Vivian, Mathews article on Kin Kletso and other sites

---

**Series Nbr:** 002.001

**File Unit:** 04

**Dates:** 1967, 1993

**Title:** Aztec Ruins - Tree-Ring Lab Work Sheets

**Summary Notes:**

tree ring specimen data, site map

---

**Series Nbr:** 002.001

**File Unit:** 05

**Dates:** 1991-1993

**Title:** [Aztec Ruins -Tree-Ring Data]

**Summary Notes:**

correspondence, tree-ring data, notes

---

**Series Nbr:** 002.001

**File Unit:** 06

**Dates:** 1994-1995

**Title:** Aztec Ruins - 1994 Wood Sampling at Aztec Ruins SPMA Report

**Summary Notes:**

report on Aztec Ruins Wood Pile and wood sampling at Aztec Ruins

---

**Series Nbr:** 002.001

**File Unit:** 07

**Dates:** 1978-1992

**Title:** Tree-Ring Lab Records from Lab Sites

**Summary Notes:**

2 folders- correspondence, summaries from tree-ring lab, site maps, notes

---

**Series Nbr:** 002.001

**File Unit:** 08

**Dates:** 1973-1980

**Title:** T-R Dates from Outliers (Salmon)

**Summary Notes:**

tree ring data, photocopy of Investigations at the Salmon Site: the Structure of Chacoan Society in the Northern Southwest

---

**Series Nbr:** 002.001

**File Unit:** 09

**Dates:** 1974

**Title:** 1974 T-R Lab Data, Bannister's 1974 Dates + Judd, etc. Pueblo Bonito- Prefix Series

**Summary Notes:**

correspondence, site notes

---

**Series Nbr:** 002.001

**File Unit:** 10

**Dates:** 1976-1977

**Title:** Windes: Screening, Invoicing, etc.

**Summary Notes:**

condition codes, requisition forms for supplies and printing

---

**Series Nbr:** 002.001

**File Unit:** 11

**Dates:** 1977-1979

**Title:** T-R Samples/ Dates from Bonito? Chaco Center. Mesa Pueblo, BC 236 Pueblo Alto, Kin Ya'a, Una Vida, Kin Nahasbas

**Summary Notes:**

---

**Series Nbr:** 002.001

**File Unit:** 12

**Dates:** 1978-1992

**Title:** Misc. Correspondence

**Summary Notes:**

memoranda, correspondence, flyer for 13th annual wood identification workshop (1992), SPMA Grant request, travel authorization

---

**Series Nbr:** 002.001

**File Unit:** 13

**Dates:** 1979-1989

**Title:** Tom Windes 1988-1989 Analysis: Tables, Summary Tables

**Summary Notes:**

T-R dating symbols/species abbreviations, etc. Code for T-R attributes, T-R sample/date table, documented replacement wood, problems, brief on forests in Chaco Canyon

---

**Series Nbr:** 002.001

**File Unit:** 14

**Dates:** 1983-1984

**Title:** Holocene Climate and Environment

**Summary Notes:**

Holocene Climate paper, as well as paper on Regional Settlement Changes,

---

**Series Nbr:** 002.001

**File Unit:** 15

**Dates:** 1984

**Title:** ['Great Pueblo Architecture of Chaco Canyon' pp 109-144]

**Summary Notes:**

copy of manuscript

---

**Series Nbr:** 002.001

**File Unit:** 16

**Dates:** 1985-1986

**Title:** Coring Equipment- Fred C Henson

**Summary Notes:**

correspondence and price list

---

**Series Nbr:** 002.001

**File Unit:** 17

**Dates:** 1985-1989

**Title:** Correspondence on T-R Wood Preservation Project

**Summary Notes:**

Memorandum, correspondence, notes, trip report

---

**Series Nbr:** 002.001

**File Unit:** 18

**Dates:** 1985

**Title:** Experimental Corn Plots in Chaco Canyon: The Life and Hard Times of Zea Mays DRAFT

**Summary Notes:**

paper and various notes regarding it

---

**Series Nbr:** 002.001

**File Unit:** 19

**Dates:** 1985

**Title:** [Largest Settlement Site and the Interpretation of Socio-Political Complexity at Chaco Canyon, NM']

**Summary Notes:**

paper copied from 'Haliksa'i: UNM Contributions to Anthropology' Vol 4, 1985

---

**Series Nbr:** 002.001

**File Unit:** 20

**Dates:** 1985

**Title:** Section 106- Brief Description of Wood Pres PR4C

**Summary Notes:**

Memoranda, guides on wood preservatives, assessment of actions on cultural resources

---

**Series Nbr:** 002.001

**File Unit:** 21

**Dates:** 1985-1988

**Title:** Trace Element Analysis

**Summary Notes:**

correspondence, article on 'Stable Isotopy and Archaeology by Michael J DeNiro, notes, prices for soil analysis, appendix on Trace Minerals Analysis of Ponderosa Pine

---

**Series Nbr:** 002.001

**File Unit:** 22

**Dates:** 1985-1986

**Title:** Wood Preservative

**Summary Notes:**

letter and summary of the effects and possibilities for water-repelling wood treatments and preservatives

---

**Series Nbr:** 002.001

**File Unit:** 23

**Dates:** 1986-1993

**Title:** Correspondence

**Summary Notes:**

letters and memoranda, details on a ladle that was part of an investigation of Archeological Resources Protection Act violations

---

**Series Nbr:** 002.001

**File Unit:** 24

**Dates:** 1986

**Title:** Computer SAS Info

**Summary Notes:**

proposal for 'cleaning up' Chaco computer files, as well as example files and misc. notes

---

**Series Nbr:** 002.001

**File Unit:** 25

**Dates:** 1986

**Title:** Statewide Archeological Activity. Merlan-Schaafsma Correspondence

**Summary Notes:**

correspondence and memorandum on status of archaeological projects in New Mexico in 1986

---

**Series Nbr:** 002.001

**File Unit:** 26

**Dates:** 1986-1993

**Title:** Trip Reports

**Summary Notes:**

trip reports as well as memoranda regarding trip policies and pay

---

**Series Nbr:** 002.001

**File Unit:** 27

**Dates:** 1986-2003

**Title:** Work Schedules

**Summary Notes:**

2 folders- work schedules, project reports, memoranda with short term project goals, expense forms

---

**Series Nbr:** 002.001

**File Unit:** 28

**Dates:** 1987-1988

**Title:** AMNH Loan of Rooms 100, 52, 92, 67

**Summary Notes:**

correspondence, loaned specimens list from the American Museum of Natural History

---

**Series Nbr:** 002.001

**File Unit:** 29

**Dates:** 1987-1988

**Title:** Data on Loan of Samples to T-R Lab for Analysis and Storage

**Summary Notes:**

lending forms, lab sample notes, pages from field specimen catalog

---

**Series Nbr:** 002.001

**File Unit:** 30

**Dates:** 1987

**Title:** Pollen Analysis - Mealing Bins from Rm 110, Pueblo Alto

**Summary Notes:**

2 copies of paper and brief notes

---

**Series Nbr:** 002.001

**File Unit:** 31

**Dates:** 1987-1988

**Title:** 1987 T-R Dating and Worknotes

**Summary Notes:**

tree-ring data, correspondence, notes

---

**Series Nbr:** 002.001

**File Unit:** 32

**Dates:** 1988

**Title:** Interpretation of Wood Preservation Project

**Summary Notes:**

2 outlines of wood preservation project, notes on interpretation, summary on prehistoric wood preservation, wood documentation form

---

**Series Nbr:** 002.001

**File Unit:** 33

**Dates:** 1988

**Title:** Journal Article- Research Grant SPMA Donation Request

**Summary Notes:**

donation requests, Journal of Field Archaeology guidelines for contributors

---

**Series Nbr:** 002.001

**File Unit:** 34

**Dates:** 1988-1991

**Title:** Wood Preservation Project

**Summary Notes:**

outline, correspondence, project overview, site maps

---

**Series Nbr:** 002.001

**File Unit:** 35

**Dates:** 1988-1997

**Title:** Wood Preservation Project: FS Number Assignments for Entire Project

**Summary Notes:**

lists of FS #s by site and room number

---

**Series Nbr:** 002.001

**File Unit:** 36

**Dates:** 1989-1991

**Title:** Invoices and Contracts for Wood Project

**Summary Notes:**

correspondence and invoices

---

**Series Nbr:** 002.001

**File Unit:** 37

**Dates:** 1989-1992

**Title:** Racemization Analysis Turkey Bones

**Summary Notes:**

reports on turkey bone testing and scientific studies, attempting to determine if turkeys were used as a food source, or simply for feathers

---

**Series Nbr:** 002.001

**File Unit:** 38

**Dates:** 1989-1993

**Title:** Tree-Ring Lab Loan Forms and Inventories

**Summary Notes:**

NPS forms from Chaco involving wood loans, summaries of samples, FS numbers by room

---

**Series Nbr:** 002.001

**File Unit:** 39

**Dates:** 1990

**Title:** Current Research Reports (1990)

**Summary Notes:**

short reports on results to date on wood project

---

**Series Nbr:** 002.001

**File Unit:** 40

**Dates:** 1990-1993

**Title:** McKenna Award

**Summary Notes:**

curriculum vitae and bibliography of Peter McKenna, justification for award, report of site excavation in Zia Pueblo area, correspondence, special achievement award nomination form

---

**Series Nbr:** 002.001

**File Unit:** 41

**Dates:** 1990

**Title:** Scope of Collections DRAFT

**Summary Notes:**

draft of management plan and scope of collections, misc. correspondence, guide to repatriation requests

---

**Series Nbr:** 002.001

**File Unit:** 42

**Dates:** 1990

**Title:** Tree Growth Departures for Chaco Area, Dean 1990

**Summary Notes:**

letter, table of 'tree-growth departures' for Chaco canyon

---

**Series Nbr:** 002.001

**File Unit:** 43

**Dates:** 1991 - 1992

**Title:** Bunker Storage

**Summary Notes:**

wood documentation forms, table of wood specimens, includes catalog numbers, FS numbers, TRL Chetro Ketl numbers, date and length

---

**Series Nbr:** 002.001

**File Unit:** 44

**Dates:** 1991

**Title:** Chaco Wood Notes - Windes

**Summary Notes:**

summary of interviews with Maria Jorin, Martin Mayer and Florence Hawley Ellis on burning or moving prehistoric wood from sites

---

**Series Nbr:** 002.001

**File Unit:** 45

**Dates:** 1991-1997

**Title:** Correspondence - Tree-Ring Lab

**Summary Notes:**

invoices, correspondence

---

**Series Nbr:** 002.001

**File Unit:** 46

**Dates:** 1992

**Title:** Guidelines for Training Courses Set-Up

**Summary Notes:**

procedural document, includes format and timeline

---

**Series Nbr:** 002.001

**File Unit:** 47

**Dates:** 1992-1993

**Title:** Memoranda

**Summary Notes:**

one on staff archival material, second- Tom Windes goals for 1992

---

**Series Nbr:** 002.001

**File Unit:** 48

**Dates:** 1994

**Title:** East Community Wood Tree-Ring Lab Notes and Dates

**Summary Notes:**

notes, tree ring data, some commentary on wood collected by R. Gwinn Vivian and Bryant Bannister

---

**Series Nbr:** 002.001

**File Unit:** 49

**Dates:** 1994

**Title:** An Interpretation's Guide to the Chaco Wood Project

**Summary Notes:**

suggestions for interpreting wood for NPS Interpreters, suggestions for signs for 17 sites

---

**Series Nbr:** 002.001

**File Unit:** 50

**Dates:** 1994-1996

**Title:** Misc Chaco Tree-Ring Lab Dates

**Summary Notes:**

tree ring data and lab results

---

**Series Nbr:** 002.001

**File Unit:** 51

**Dates:** 1994

**Title:** [Research Proposal: 'Excavations at Chaco Canyon Great Pueblos: Re-Evaluating Early Works']

**Summary Notes:**

field work proposal

---

**Series Nbr:** 002.001

**File Unit:** 52

**Dates:** 1998

**Title:** Blank Forms, Documentation, Graph Paper

**Summary Notes:**

Wood Preservation Project outline, blank wood documentation forms, site maps, guide for use of wood documentation forms, 3.5' floppy disk with wood documentation form in excel format, graph paper

---

**Series Nbr:** 002.001  
**File Unit:** 53  
**Dates:** 2010  
**Title:** Sites on Federal Lands et. Al having Wood Documentation  
**Summary Notes:**  
list of sites

---

**Series Nbr:** 002.001  
**File Unit:** 54  
**Title:** Bring Wood and Build a Pueblo- Draft Outline  
**Summary Notes:**  
draft outline on old dot-matrix computer paper (still attached at folds) and photocopy

---

**Series Nbr:** 002.001  
**File Unit:** 55  
**Title:** Documentation Forms, Wood Pres. Project Guide  
**Summary Notes:**  
sample recording form manual for Walpi project, and wood documentation form guides

---

**Series Nbr:** 002.001  
**File Unit:** 56  
**Title:** Forms to Be Revised, Project Outline  
**Summary Notes:**  
contains single annotated site map

---

**Series Nbr:** 002.001  
**File Unit:** 57  
**Title:** Maps for Sites with Wood  
**Summary Notes:**  
site maps

---

**Series Nbr:** 002.001  
**File Unit:** 58  
**Title:** Wood Preservation Project Personnel  
**Summary Notes:**  
list of personnel from 1986-1989, with address for single individual at head of list

---

**Series Nbr:** 002.001  
**File Unit:** 59  
**Title:** Wood Project Database Computer Program

**Summary Notes:**

note and sample output of unnamed computer program

---

**Series Nbr:** 002.001

**File Unit:** 60

**Dates:** 1992

**Title:** PB Wood Report

**Summary Notes:**

computer print out of compiled wood specimens from Pueblo Bonito

---

**Collection/Series:** 0015/002.002

**Series Title:** ---SUBSERIES II: PUEBLO DEL ARROYO

**History:** The Chaco Wood Project was begun in 1985 to examine the complexities of dating the occupation of Pueblo Bonito brought about by the reuse of construction wood by the Chacoans themselves and by subsequent reuse of construction timbers for site stabilization in historic times. The final research goals were to understand wood procurement strategies and forest depletion. Documentation of changes through time in the choice of certain species and tree sizes was sought as a means of interpreting social behavior at the greathouses. FOR MORE INFORMATION SEE HISTORY IN SERIES LEVEL DESCRIPTION.

**Series Nbr:** 002.002  
**File Unit:** 01  
**Dates:** 1996  
**Title:** Pueblo Alto [Tree Ring Lab Records]  
**Summary Notes:**  
tree ring date reports

---

**Series Nbr:** 002.002  
**File Unit:** 02  
**Title:** [Pueblo del Arroyo FS Numbers by Room]  
**Summary Notes:**  
list of FS numbers by room number, also has scrawled notes on first page

---

**Series Nbr:** 002.002  
**File Unit:** 03  
**Dates:** 1977-1993  
**Title:** [Pueblo del Arroyo: Tree Ring Loan Forms]  
**Summary Notes:**  
correspondence from Arizona tree ring lab and loan form from 1977

---

**Series Nbr:** 002.002  
**File Unit:** 04  
**Dates:** 1988-2008  
**Title:** Pueblo del Arroyo: Active FS Inventory Sheets  
**Summary Notes:**  
CD with site photos and 3-d rendered models, note on wall directions, wood documentation form, lists of FS numbers by room

---

**Series Nbr:** 002.002  
**File Unit:** 05  
**Dates:** 1988  
**Title:** [Pueblo del Arroyo: Field Specimen Sheets]  
**Summary Notes:**  
5 folders- wood documentation forms and room sketches

---

**Series Nbr:** 002.002  
**File Unit:** 06  
**Dates:** 1988  
**Title:** [Pueblo del Arroyo: Wood Documentation Forms]  
**Summary Notes:**  
4 folders- wood documentation forms and room sketches, summary of fs #s and room locations in first folder

---

**Series Nbr:** 002.002  
**File Unit:** 07  
**Dates:** 1989-2003  
**Title:** [Pueblo del Arroyo: Tree Ring Lab Results]  
**Summary Notes:**  
tree ring specimen data reports.

---

**Series Nbr:** 002.002  
**File Unit:** 08  
**Dates:** 1990-1993  
**Title:** Pueblo del Arroyo: Plans and Tree Ring Dates  
**Summary Notes:**  
inventory of tree ring samples and dates, inventory of 1940 collection, site maps,

---

**Series Nbr:** 002.002  
**File Unit:** 09  
**Dates:** 1990-2007  
**Title:** Pueblo del Arroyo: Wood Notes  
**Summary Notes:**  
wood notes, site maps, copy of taphonomic evidence section from 'Man Corn' by Christy and Jacqueline Turner

---

**Series Nbr:** 002.002  
**File Unit:** 10  
**Dates:** 1991-2007  
**Title:** [Pueblo del Arroyo: Letters/Correspondence]  
**Summary Notes:**  
correspondence and inventory of tree samples

---

**Series Nbr:** 002.002  
**File Unit:** 11  
**Dates:** 1993  
**Title:** Pueblo del Arroyo: Wood Summaries  
**Summary Notes:**  
tally of masonry styles, legal pad with FS documentation

---

**Series Nbr:** 002.002  
**File Unit:** 12  
**Dates:** 1995-1997  
**Title:** [Pueblo del Arroyo: Tree Ring Lab Results, Standard Report]  
**Summary Notes:**

reports on tree ring dates, site map with notes

---

**Series Nbr:** 002.002

**File Unit:** 13

**Dates:** 1996

**Title:** [Pueblo del Arroyo: List of Field Specimen Numbers]

**Summary Notes:**

multiple copies of FS numbers by room

---

**Series Nbr:** 002.002

**File Unit:** 14

**Dates:** 2007

**Title:** [CHCU Museum Collection: Pueblo del Arroyo Dendro Sample List]

**Summary Notes:**

list of specimens by CHCU number, cross referenced with FS #, and location

---

**Series Nbr:** 002.002

**File Unit:** 15

**Dates:** 2009

**Title:** [CD-R of 'Pueblo del Arroyo Wood Report as Sent to Journal of Field Archeology 3 Dec 2009 and Database of Pueblo del Arroyo Wood]

**Summary Notes:**

single cd- includes report, maps and photographs, as well as other files in unknown formats

---

**Series Nbr:** 002.002

**File Unit:** 16

**Dates:** 2009

**Title:** [Pueblo del Arroyo: Tree Ring Lab List]

**Summary Notes:**

single document on specimens, includes provenience and dates

---

**Collection/Series:** 0015/002.003

**Series Title:** ---SUBSERIES III: PUEBLO BONITO

**History:** The Chaco Wood Project was begun in 1985 to examine the complexities of dating the occupation of Pueblo Bonito brought about by the reuse of construction wood by the Chacoans themselves and by subsequent reuse of construction timbers for site stabilization in historic times. The final research goals were to understand wood procurement strategies and forest depletion. Documentation of changes through time in the choice of certain species and tree sizes was sought as a means of interpreting social behavior at the greathouses. FOR MORE INFORMATION SEE HISTORY IN SERIES LEVEL DESCRIPTION.

**Series Nbr:** 002.003  
**File Unit:** 01  
**Dates:** 1986-2003  
**Title:** [Pueblo Bonito Wood Documentation Forms]  
**Summary Notes:**  
9 folders- wood documentation forms and room sketches

---

**Series Nbr:** 002.003  
**File Unit:** 02  
**Dates:** 1992-1998  
**Title:** [Pueblo Bonito FS Assignment Sheets]  
**Summary Notes:**  
FS numbers by room

---

**Series Nbr:** 002.003  
**File Unit:** 03  
**Dates:** 1994  
**Title:** [Specimens Collected from Pueblo Bonito]  
**Summary Notes:**  
wood specimen data

---

**Series Nbr:** 002.003  
**File Unit:** 04  
**Dates:** 1996  
**Title:** [Pueblo Bonito - TRL Lab Results]  
**Summary Notes:**  
tree ring data reports

---

**Series Nbr:** 002.003  
**File Unit:** 05  
**Dates:** 1998  
**Title:** [Pueblo Bonito - Notes]  
**Summary Notes:**  
kiva notes and maps

---

**Series Nbr:** 002.003  
**File Unit:** 06  
**Dates:** 2001, 2006  
**Title:** [Pueblo Bonito - Letters/Correspondence]  
**Summary Notes:**  
1 letter, 1 email

---

**Series Nbr:** 002.003

**File Unit:** 07

**Title:** [Pueblo Bonito - Maps]

**Summary Notes:**

site maps

---

**Collection/Series:** 0015/002.004

**Series Title:** ---SUBSERIES IV: CHETRO KETL

**History:** The Chaco Wood Project was begun in 1985 to examine the complexities of dating the occupation of Pueblo Bonito brought about by the reuse of construction wood by the Chacoans themselves and by subsequent reuse of construction timbers for site stabilization in historic times. The final research goals were to understand wood procurement strategies and forest depletion. Documentation of changes through time in the choice of certain species and tree sizes was sought as a means of interpreting social behavior at the greathouses. FOR MORE INFORMATION SEE HISTORY IN SERIES LEVEL DESCRIPTION.

**Series Nbr:** 002.004

**File Unit:** 01

**Dates:** 1990-1997

**Title:** [Chetro Ketl: Wood Documentation Forms]

**Summary Notes:**

7 folders - wood documentation forms, room sketches

---

**Series Nbr:** 002.004

**File Unit:** 02

**Dates:** 1992-1993

**Title:** [Scale Drawings of Chetro Ketl]

**Summary Notes:**

detailed room sketches and wood documentation forms

---

**Series Nbr:** 002.004

**File Unit:** 03

**Dates:** 1994

**Title:** Chetro Ketl - 1994 Wall Maps. Rooms without Wood

**Summary Notes:**

detailed room sketches

---

**Series Nbr:** 002.004

**File Unit:** 04

**Dates:** 1994-2007

**Title:** [Tree Ring Lab: Chetro Ketl Lab Results]

**Summary Notes:**

2 folders- tree ring data, wood documentation forms, correspondence from Arizona tree ring laboratory

---

**Series Nbr:** 002.004

**File Unit:** 05

**Dates:** 1994-1996

**Title:** [Chetro Ketl: Tree Ring Lab Standard Reports]

**Summary Notes:**

tree ring data, correspondence- letter on need to retake some sample cores, another on 'Take Your Daughter to Work' day

---

**Series Nbr:** 002.004

**File Unit:** 06

**Dates:** 1994-1999

**Title:** [Chetro Ketl: Tree Ring Samples]

**Summary Notes:**

FS numbers by room, tree ring sample data

---

**Series Nbr:** 002.004

**File Unit:** 07

**Dates:** 1996

**Title:** [Chetro Ketl Notes]

**Summary Notes:**

notes on FS numbers, site maps, wood specimen dates

---

**Series Nbr:** 002.004

**File Unit:** 08

**Dates:** 1998-2004

**Title:** [Chetro Ketl - Kiva G Complex: Letters and Correspondence]

**Summary Notes:**

some correspondence, site maps and sketches, some data tables

---

**Series Nbr:** 002.004

**File Unit:** 09

**Dates:** 2004

**Title:** ['The Changing Faces of Chetro Ketl' DRAFTS]

**Summary Notes:**

draft report on Chetro Ketl, notes, site maps

---

**Series Nbr:** 002.004

**File Unit:** 10

**Dates:** 2003

**Title:** [Chetro Ketl: Database Spreadsheets]

**Summary Notes:**

spreadsheet data printed on the back of a site overview,

---

**Series Nbr:** 002.004

**File Unit:** 11

**Dates:** 2003

**Title:** [Chetro Ketl: Drafts of Reports]

**Summary Notes:**

draft of report, notes, printed 3-d images, correspondence

---

**Series Nbr:** 002.004

**File Unit:** 12

**Dates:** 2003-2009

**Title:** [Chetro Ketl: East Dump Notes]

**Summary Notes:**

summary of east dump condition, correspondence, paper pad with notes

---

**Series Nbr:** 002.004

**File Unit:** 13

**Dates:**

**Title:** [Chetro Ketl: Maps and Drawings]

**Summary Notes:**

notes, room sketches, maps, invoice, field report

---

**Collection/Series:** 0015/002.005

**Series Title:** ---SUBSERIES V: ELECTRONIC MEDIA

**History:** The Chaco Wood Project was begun in 1985 to examine the complexities of dating the occupation of Pueblo Bonito brought about by the reuse of construction wood by the Chacoans themselves and by subsequent reuse of construction timbers for site stabilization in historic times. The final research goals were to understand wood procurement strategies and forest depletion. Documentation of changes through time in the choice of certain species and tree sizes was sought as a means of interpreting social behavior at the greathouses. FOR MORE INFORMATION SEE HISTORY IN SERIES LEVEL DESCRIPTION.

**Notes:** we have digitized tom papers off discs - re: wood stuff?

**Series Nbr:** 002.005

**File Unit:** 01

**Title:** Electronic Records

**Summary Notes:**

1 CD-R, from 5 1/4' floppy discs that were able to be digitized - Papers and Chaco Wood database

---

**Collection/Series:** 0015/003

**Series Title:** SERIES III: REPORTS & PAPERS

**Accession:** CHCU-00788      **Catalog Nbr:** CHCU 107533

**Inclusive Dates:** 1992-1993

**History:** FOR MORE INFORMATION SEE COLLECTION LEVEL HISTORY.

**Arrangement:** CATALOGUED SEPERATELY:

CHCU 51739CHCU 52053 BY DATE

**Series Nbr:** 003

**File Unit:** 01

**Dates:** 1993

**Title:** 'The 1991 and 1992 Room Test Excavations at Pueblo Bonito'

**Summary Notes:**  
report

---

**Series Nbr:** 003

**File Unit:** 02

**Dates:** 1992

**Title:** 'The Nature of the Early Bonito Phase'

**Summary Notes:**  
from the Maxwell Museum of Anthropology, Anthropological Papers No 5

---

**Series Nbr:** 003

**File Unit:** 03

**Dates:** March 2010

**Title:** "Dendrochronology and Structural Wood Use at Pueblo del Arroyo, Chaco Canyon"

**Summary Notes:**  
Pgs. 78-98 of "Journal of Field Archaeology" Volume 35 Number 1 March 2010. Maney Publishing.

---

**Collection/Series:** 0015/004  
**Series Title:** SERIES IV: RESEARCH

**Accession:** CHCU-00788      **Catalog Nbr:** CHCU 107533  
**Inclusive Dates:** 1919-1994      **Bulk Dates:** 1981-1994

**History:** Reference materials used for the Chaco project, largely consisting of academic and government papers and reports on wood

**Arrangement:** Chronological order

**Provenance:** dabney ford - ccnhp

**Series Nbr:** 004

**File Unit:** 01

**Dates:** 1919

**Title:** Aztec Ruin

**Summary Notes:**

article from the Anthropological Papers of the American Museum of Natural History, Vol XXVI, Part 1

---

**Series Nbr:** 004

**File Unit:** 02

**Dates:** 1929

**Title:** The Secret of the Southwest Solved by Talkative Tree-Rings

**Summary Notes:**

article copied from National Geographic magazine, 1929

---

**Series Nbr:** 004

**File Unit:** 03

**Dates:** 1931-1952

**Title:** Gila Pueblo D Nusbaum Notes

**Summary Notes:**

correspondence, report on wood collecting activities on federal land, field journal photo copies, memoranda

---

**Series Nbr:** 004

**File Unit:** 04

**Dates:** 1931

**Title:** Recently Dated Pueblo Ruins in Arizona

**Summary Notes:**

article from the Smithsonian Miscellaneous Collections, Volume 82, Number 11

---

**Series Nbr:** 004

**File Unit:** 05

**Dates:** 1935

**Title:** Dating Pueblo Bonito and Other Ruins of the Southwest'

**Summary Notes:**

copy from a series created by National Geographic Society, published 1935, unknown use date

---

**Series Nbr:** 004

**File Unit:** 06

**Dates:** 1964-1995

**Title:** Jeffrey Dean's Bibliography

**Summary Notes:**

---

**Series Nbr:** 004

**File Unit:** 07

**Dates:** 1966

**Title:** Tree-Ring Dates from Arizona K, Puerco- Wide Ruin- Ganado Area

**Summary Notes:**

University of Arizona Laboratory of Tree-Ring Research report

---

**Series Nbr:** 004

**File Unit:** 08

**Dates:** 1966

**Title:** Tree-Ring Dates from Arizona N-Q, Verde - Showlow - St. Johns area

**Summary Notes:**

University of Arizona Laboratory of Tree-Ring Research report

---

**Series Nbr:** 004

**File Unit:** 09

**Dates:** 1967

**Title:** Tree-Ring Dates from Arizona J, Hopi Mesas Area

**Summary Notes:**

University of Arizona Laboratory of Tree-Ring Research report

---

**Series Nbr:** 004

**File Unit:** 10

**Dates:** 1969

**Title:** Tree Ring Dates from Utah S-W, Southern Utah Area

**Summary Notes:**

University of Arizona Laboratory of Tree-Ring Research report

---

**Series Nbr:** 004

**File Unit:** 11

**Dates:** 1970

**Title:** Tree-Ring Dates from New Mexico A, G-H, Shiprock - Zuni- Mount Taylor area

**Summary Notes:**

University of Arizona Laboratory of Tree-Ring Research report

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**Series Nbr:** 004

**File Unit:** 12

**Dates:** 1970

**Title:** Tree-Ring Dates from New Mexico M-N, S, Z Southwestern New Mexico Area

**Summary Notes:**

University of Arizona Laboratory of Tree-Ring Research report

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**Series Nbr:** 004

**File Unit:** 13

**Dates:** 1971

**Title:** Tree-Ring Dates from Arizona U-W Gila - Salt Rivers Area

**Summary Notes:**

University of Arizona Laboratory of Tree-Ring Research report

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**Series Nbr:** 004

**File Unit:** 14

**Dates:** 1974

**Title:** Tree-Ring Dates from new Mexico B, Chaco - Gobernador Area

**Summary Notes:**

report from the Laboratory of Tree-Ring Research, University of Arizona

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**Series Nbr:** 004

**File Unit:** 15

**Dates:** 1975

**Title:** Use of Roof beams for defining Social Groups: An Application of Cluster Analysis

**Summary Notes:**

from the Newsletter of Computer Archaeology, Vol X, No 4, June 1975

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**Series Nbr:** 004

**File Unit:** 16

**Dates:** 1976

**Title:** Chronology and Cultural Activity in Johnson Canyon Cliff Dwellings: Interpretations from Tree-Ring Data

**Summary Notes:**

article from the Journal of Field Archaeology, Volume 3 1976

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**Series Nbr:** 004

**File Unit:** 17

**Dates:** 1981

**Title:** Chronological Analysis of Tsegi Phase Sites in Northeastern Arizona

**Summary Notes:**

part of series produced by the University of Arizona Laboratory of Tree-Ring Research

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**Series Nbr:** 004

**File Unit:** 18

**Dates:** 1982

**Title:** Dendroclimatic Reconstruction for the Southeastern Colorado Plateau

**Summary Notes:**

Report to the Division of Chaco Research from the Laboratory of Tree-Ring Research, University of Arizona

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**Series Nbr:** 004

**File Unit:** 19

**Dates:** 1982

**Title:** Reconstruction of the Droughts and Summer Warmths of the Dolores Archaeological Project Area, Southwest Colorado, AD 550 to 950

**Summary Notes:**

academic paper and memorandum

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**Series Nbr:** 004

**File Unit:** 20

**Dates:** 1983

**Title:** Environmental Aspects of Modeling Human Locating Behavior

**Summary Notes:**

USDA Forest Service Report: Cultural Resources Document, Theory and Model Building: Refining Survey Strategies for Locating Prehistoric Heritage Resources

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**Series Nbr:** 004

**File Unit:** 21

**Dates:** 1985

**Title:** The Interpretation of Archaeological Tree-Ring Dates'

**Summary Notes:**

5 folders- photocopies of manuscript

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**Series Nbr:** 004

**File Unit:** 22

**Dates:** 1985

**Title:** A Re-evaluation of Bi-wall and Tri-wall Structures in the Anasazi Area

**Summary Notes:**

photocopy from the Contributions to the Archaeology and Ethnohistory of Greater Mesoamerica, edit by William J Folan

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**Series Nbr:** 004

**File Unit:** 23

**Dates:** 1986

**Title:** A Classification of Forest habitat Types of Northern New Mexico and Southern Colorado

**Summary Notes:**

USDA Forest Service report

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**Series Nbr:** 004

**File Unit:** 24

**Dates:** 1986

**Title:** Prehistoric Long-Distance Transport of Construction Beams, Chaco Canyon, New Mexico'

**Summary Notes:**

article from American Antiquity 51(2),

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**Series Nbr:** 004

**File Unit:** 25

**Dates:** 1987

**Title:** A Classification of Forest Habitat Types of the Northern Portion of the Cibola National Forest, New Mexico

**Summary Notes:**

USDA Forest Service Report

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**Series Nbr:** 004

**File Unit:** 26

**Dates:** 1987

**Title:** Tree-Ring Studies of the Pueblo de Acoma, a Preliminary Report

**Summary Notes:**

Laboratory of Tree-Ring Research, University of Arizona

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**Series Nbr:** 004

**File Unit:** 27

**Dates:** 1988

**Title:** Wood Reuse in Puebloan Architecture Evidence from Historic Zuni Settlements

**Summary Notes:**

paper from the 53rd Meeting of the Society for American Archaeology

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**Series Nbr:** 004

**File Unit:** 28

**Dates:** 1989

**Title:** National Anthropological Archives

**Summary Notes:**

registers of the papers of Frank Harold Hanna Roberts Jr and Neil Morton Judd, from the National Anthropological Archives

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**Series Nbr:** 004

**File Unit:** 29

**Dates:** [1990]

**Title:** The Nature of the Early Bonito Phase

**Summary Notes:**

article from unlisted source, probably 'Anasazi Regional Organization and the Chaco System', edited by David E. Doyel, pp. 75-85. Anthropological Papers No. 5. Maxwell Museum of Anthropology, University of New Mexico, Albuquerque

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**Series Nbr:** 004

**File Unit:** 30

**Dates:** 1990

**Title:** The Nature of the Early Bonito Phase, copy 2

**Summary Notes:**

2 copies- more detailed article on Bonito phase, possibly intended for the Society of American Archaeology

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**Series Nbr:** 004

**File Unit:** 31

**Dates:** 1991

**Title:** The Chaco Wood Project: A Chronometric Reappraisal of Pueblo Bonito

**Summary Notes:**

2 copies of the report, with more detail and organization

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**Series Nbr:** 004

**File Unit:** 32

**Dates:** 1991

**Title:** The Chaco Wood Project: The Chronometric Reappraisal of Pueblo Bonito

**Summary Notes:**

summary of the Chaco Wood Project at Pueblo Bonito (draft?)

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**Series Nbr:** 004

**File Unit:** 33

**Dates:** 1991

**Title:** A Directory of Tree-Ring Dated Prehistoric Sites in the American Southwest

**Summary Notes:**

2 copies of a report of the Laboratory of Tree-Ring Research, University of Arizona

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**Series Nbr:** 004

**File Unit:** 34

**Dates:** 1991

**Title:** Evaluating Tree-Ring Interpretations at Walpi Pueblo, Arizona

**Summary Notes:**

Copy of an article from 'American Antiquity', 56 (4), 1991

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**Series Nbr:** 004

**File Unit:** 35

**Dates:** 1992

**Title:** Dendrochronological Modeling / Laboratory of Tree Ring Research

**Summary Notes:**

from the Tree-Ring Bulletin, vol 52

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**Series Nbr:** 004

**File Unit:** 36

**Dates:** 1993

**Title:** Analysis of Tree-Ring Dates from Balcony House, Mesa Verde National Park, Colorado

**Summary Notes:**

correspondence, tree-ring data, short manuscript

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**Series Nbr:** 004

**File Unit:** 37

**Dates:** 1993

**Title:** Construction Timber Economics at Sand Canyon Pueblo

**Summary Notes:**

paper presented at the 58th Annual Meeting of the Society of American Archaeology

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**Series Nbr:** 004

**File Unit:** 38

**Dates:** 1994

**Title:** Wood Sourcing at Chimney Rock

**Summary Notes:**

shorter presentation version of larger study

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**Series Nbr:** 004

**File Unit:** 39

**Dates:** 1994

**Title:** ['A Wood Sourcing Study at the Chimney Rock Archaeological Area']

**Summary Notes:**

2 Folders - report submitted to Chaco, the Southwest Parks and Monument Association and the San Juan/Rio Grande National Forest

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**Series Nbr:** 004

**File Unit:** 40

**Dates:** 1994

**Title:** ['A Wood Sourcing Study at the Chimney Rock Archaeological Area, Volume II Appendices L-O']

**Summary Notes:**

2 Folders- continuation of previous report

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**Collection/Series:** 0015/005  
**Series Title:** SERIES V: PHOTOS

**Accession:** CHCU-00788      **Catalog Nbr:** CHCU 107533  
**Inclusive Dates:** 1988-2001

**History:** FOR MORE INFORMATION SEE COLLECTION LEVEL HISTORY.

**Scope:** Photographs associated with the Chaco Wood Project.

**Series Nbr:** 005

**File Unit:** 01

**Title:** [Site Photos]

**Summary Notes:**

2 folders- photos of various sites, including Pueblo Bonito and Pueblo del Arroyo, several of woman on-site, 2 of Tom Windes, 1 of unidentified man, many unlabelled

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**Series Nbr:** 005

**File Unit:** 02

**Dates:** 1988

**Title:** [Chaco Wood Project Photos]

**Summary Notes:**

8x10 B&Ws with documentation pages

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**Series Nbr:** 005

**File Unit:** 03

**Dates:** 1995

**Title:** [Photos of Chetro Ketl]

**Summary Notes:**

8x10 B&Ws, with cover letter to Tom, labeled Chetro Ketl

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**Series Nbr:** 005

**File Unit:** 04

**Dates:** 2001

**Title:** [Photocopies of Pueblo Bonito]

**Summary Notes:**

photocopies of site photos, brief letter to Tom on photography, 2 photographs

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