

University of Chicago Library

Guide to the W. W. Morgan Papers circa 1905-1990



© 2011 University of Chicago Library

Table of Contents

Acknowledgments	3
Descriptive Summary	3
Information on Use	3
Access	3
Citation	3
Biographical Note	3
Scope Note	5
Related Resources	5
Subject Headings	5
INVENTORY	5
Series I: Personal Journals	5
Series II: Correspondence	22
Series III: Research	35
Subseries 1: Notebooks	35
Subseries 2: Graphic Documents	45
Subseries 3: Tables and Calculations	52
Subseries 4: Research and Scholarly Papers	57
Subseries 5: Publications	63
Subseries 6: General	69
Series IV: Symposia, Conferences and Workshops	72
Series V: Administration and Organizations	75
Series VI: Teaching	82
Series VII: General	83
Series VIII: Photographs	90
Subseries 1: Photographs	91
Subseries 2: Negatives	93
Series IX: Oversize	94
Series X: Restricted	94

Descriptive Summary

Identifier	ICU.SPCL.MORGANWW
Title	Morgan, W. W. Papers
Date	circa 1905-1990
Size	58 linear feet (116 boxes)
Repository	Special Collections Research Center University of Chicago Library 1100 East 57th Street Chicago, Illinois 60637 U.S.A.
Abstract	W. W. Morgan (1906-1994), astronomer. The papers document Morgan's career as a scientist and administrator at the Yerkes Observatory as well as his family history and personal interests. Contains correspondence, manuscripts, diaries, photographs and research materials

Acknowledgments

The W. W. Morgan Papers were processed and preserved with support from the John Crerar Foundation.

Information on Use

Access

Series X contains restricted budget, personnel and student materials. The remainder of the collection is open to research.

Citation

When quoting material from this collection, the preferred citation is: Morgan, W. W. Papers, [Box #, Folder #], Special Collections Research Center, University of Chicago Library

Biographical Note

William Wilson Morgan was born on January 3, 1906, in Bethesda, Tennessee. His father and his mother were both home missionaries in the Southern Methodist Church, and Morgan's childhood was spent moving around following his father's lecture itinerary. His basic education came from his parents. In 1923, Morgan entered Washington and Lee University in Lexington, Virginia. He was an excellent student in English and planned to become a teacher of literature. However, he was also a particularly good student in Physics and Mathematics. He impressed Professor of Physics and Astronomy Benjamin A. Wooten. Wooten had obtained a small, professional-quality refracting telescope for the university and Morgan soon began observing the sky.

In 1926, on Wooten's recommendation, Morgan started his graduate work at the Yerkes Observatory. Two years later he married Helen Barrett, daughter of astronomer Storrs B. Barrett, who was the secretary of the observatory. In June 1930, under the supervision of Otto Struve, he began a Ph.D. thesis on the spectra of A stars. Morgan completed his thesis and received his doctoral degree in December 1931. Despite the onset of the Great Depression and dark economic times, he was kept on the staff at Yerkes Observatory, though he remained in the same assistantship he had held as a graduate student. In the summer of 1932 he was promoted to instructor and in 1936 to assistant professor.

Morgan lived and worked at Yerkes Observatory for almost seventy years. An accomplished teacher and, for a period, editor of *The Astrophysical Journal*, Morgan's greatest achievements came from research. From the beginning of his work at Yerkes, Morgan's methods were grounded in the systematic organization of concrete data. Eschewing the then new field of theoretical astrophysics, he built his reputation as one of the greatest astronomers of the twentieth century with the morphological classification of stars based on stellar spectra. With Phillip Keenan and Edith Kellman, he created the MKK system for stellar classification, later refined to the MK system that remains in use today.

Morgan's work, though rigorous, was eclectic and improvisational, relying on his ability to wring significance from spectra that others could not interpret. In 1951, Morgan proved that the Milky Way Galaxy had spiral arms - a hypothesis proposed one hundred years before by Alexander. For this he received an unprecedented standing ovation from a meeting of the American Astronomical Society. His work was celebrated with many awards and honorary degrees, including membership in the Royal Danish Academy of Sciences and Letters and the Pontifical Academy of the Sciences.

In late 1951 or early 1952, Morgan suffered a nervous breakdown and was hospitalized for several months. Soon afterwards, he began to keep a journal recording his private thoughts and experiences. The collection contains almost 250 volumes of this journal, which Morgan wrote in regularly until 1990, when he seems to have begun to experience the effects of Alzheimer's Disease. In these journals, Morgan tries to psychoanalyze himself by following closely Freud's works as well as the works of other psychoanalysts and philosophers of the twentieth century. Also, the reader can find Morgan's own reflections, critiques and foundations to his corpus of work. For the astronomer the dividing line between science and art was blurry, and as proof of this he gives his own research.

In 1963, his wife Helen died. Morgan, his son and daughter, survived her. The emotional and professional implications for Morgan's life were devastating. In 1966, he married Jean Morgan, a teacher at the Rochester College in Chicago. He remained with Jean until his death in 1994. Jean strongly encouraged Morgan's artistic endeavors. In addition to his scientific work, Morgan never stopped taking photographs or writing about art in his journals. In one of his writings,

Morgan states that his most important life works were his photography and journal. Morgan died in Chicago in 1994.

Scope Note

The bulk of the material dates from 1940 to 1990. Morgan was a prolific writer and photographer; his journal, correspondence and photographs make up the majority of the collection. He also preserved many of his notes and notebooks, as well as his star charts, star spectra, observation cards and astronomical tables and calculations. The divisions between the series are not strict and the subjects overlap in the series divisions. When possible the original folder names were preserved.

The papers have been divided into ten series: I. Journals, II. Correspondence, III. Research, IV. Symposia, Conferences and Workshops, V. Administration and Organizations, VI. Teaching and Counseling, VII. General, VIII. Photography, IX. Oversize, and X. Restricted.

Related Resources

The following related resources are located in the Department of Special Collections:

<http://www.lib.uchicago.edu/e/spcl/select.html>

Subject Headings

- Morgan, W. W. (William Wilson), 1906-
- Yerkes Observatory
- Astronomy
- Astronomers
- Photographs

INVENTORY

Series I: Personal Journals

The series contains more than 250 notebooks. For more than thirty years Morgan wrote regularly, on average, between three or four times a week. The notebooks are in excellent condition and usually contain newspaper clippings, notes, and photographs related to the writings. The main objective of the diary was to provide Morgan with a self-counsel, a kind of self psychoanalysis. Nonetheless, the journal contains numerous entries in which the author relates different astronomical problems, his research concerns, and his research methods. The journals are also rich in artwork, as well as movie and book reviews, and philosophical musings.

Box 1

Folder 1

Vol. 3, April 20 - Oct. 31, 1955

Box 1

Folder 2

Vol. 4, Oct. 31, 1955 - Jan. 10, 1956

Box 1

Folder 3

Vol. 6, Mar. 12 - Apr. 15, 1956

Box 1

Folder 4

Vol. 7, Apr. 15 - May 10, 1956

Box 1

Folder 5

Vol. 8, May 10 - June 8, 1956

Box 1

Folder 6

Vol. 9, June 8 - July 8, 1956

Box 1

Folder 7

Vol. 10, July 8 - Aug. 29, 1956

Box 1

Folder 8

Vol. 11, Aug. 30 - Sept. 27, 1956

Box 1

Folder 9

Vol. 12, Sept. 27 - Nov. 6, 1956

Box 1

Folder 10

Vol. 13, Nov. 7 - Dec. 1, 1956

Box 2

Folder 1

Vol. 14, Dec. 1-18, 1956

Box 2

Folder 2

Vol. 15, Dec. 19, 1956 - Jan. 17, 1957

Box 2

Folder 3

Vol. 16, Jan. 3-4, 18 - Feb. 25, 1957

Box 2

Folder 4

Vol. 17, Feb. 25 - Mar. 25, 1957

Box 2

Folder 5

Vol. 18, Mar. 25 - Apr. 21, 1957

Box 2

Folder 6

Vol. 20, June 15 - July 17, 1957

Box 2

Folder 7

Vol. 21, July 17 - Aug. 7, 1957

Box 2

Folder 8

Vol. 22, Aug. 9 - Sept. 22, 1957

Box 2

Folder 9

Vol. 23, Sept. 22 - Nov. 5, 1957

Box 2

Folder 10

Vol. 24, Nov. 5, 1957 - Jan. 19, 1958

Box 3

Folder 1

Vol. 25, Jan. 19 - Feb. 28, 1958

Box 3

Folder 2

Vol. 26, Feb. 28 - Mar. 13, 1958

Box 3

Folder 3

Vol. 27, Mar. 14-24, 1958

Box 3

Folder 4

Vol. 28, Mar. 25 - Apr. 17, 1958

Box 3

Folder 5

Vol. 29, Apr. 17-29, 1958

Box 3

Folder 6

Vol. 30, Apr. 30 - May 19, 1958

Box 3

Folder 7

Vol. 31, May 19-31, 1958

Box 3

Folder 8

Vol. 32, May 31 - June 15, 1958

Box 3

Folder 9

Vol. 33, June 15-22, 1958

Box 3

Folder 10

Vol. 34, June 22 - July 10, 1958

Box 4

Folder 1

Vol. 35, July 10-16, 1958

Box 4

Folder 2

Vol. 36, July 17-28, 1958

Box 4

Folder 3

Vol. 37, Aug. 9 - Sept. 11, 1958

Box 4

Folder 4

Vol. 38, Sept. 11-28, 1958

Box 4

Folder 5

Vol. 39, Sept. 28 - Oct. 10, 1958

Box 4

Folder 6

Vol. 40, Oct. 10 - Nov. 2, 1958

Box 4

Folder 7

Vol. 41, Nov. 2-30, 1958

Box 4

Folder 8

Vol. 42, Nov. 30 - Dec. 27, 1958

Box 4

Folder 9

Vol. 43, Dec. 28, 1958 - Jan. 22, 1959

Box 4

Folder 10

Vol. 44, Jan. 22 - Feb. 8, 1959

Box 5

Folder 1

Vol. 45, Feb. 9 - Mar. 1, 1959

Box 5

Folder 2

Vol. 46, Mar. 1-15, 1959

Box 5

Folder 3

Vol. 49, May 26 - July 11, 1959

Box 5

Folder 4

Vol. 50, July 11 - Aug. 25, 1959

Box 5

Folder 5

Vol. 51, Aug. 25 - Oct. 18, 1959

Box 5

Folder 6

Vol. 52, Oct. 19 - Nov. 4, 1959

Box 5

Folder 7

Vol. 53, Nov. 4 - Dec. 11, 1959

Box 5

Folder 8

Vol. 54, Dec. 11, 1959 - Jan. 9, 1960

Box 5

Folder 9

Vol. 55, Jan. 9-25, 1960

Box 5

Folder 10

Vol. 56, Jan. 26 - Feb. 17, 1960

Box 6

Folder 1

Vol. 57, Feb. 17 - Mar. 7, 1960

Box 6

Folder 2

Vol. 58, Mar. 7-25, 1960

Box 6

Folder 3

Vol. 59, Mar. 25 - Apr. 11, 1960

Box 6

Folder 4

Vol. 60, Apr. 12 - May 11, 1960

Box 6

Folder 5

Vol. 61, May 12 - June 18, 1960

Box 6

Folder 6

Vol. 62, June 18 - July 11, 1960

Box 6

Folder 7

Vol. 63, July 11 - Aug. 6, 1960

Box 6

Folder 8

Vol. 64, Aug. 6 - Sept. 3, 1960

Box 6

Folder 9

Vol. 65, Sept. 3-23, 1960

Box 6

Folder 10

Vol. 66, Sept. 23 - Oct. 19, 1960

Box 7

Folder 1

Vol. 67, Oct. 19 - Nov. 12, 1960

Box 7

Folder 2

Vol. 68, Nov. 13-30, 1960

Box 7

Folder 3

Vol. 69, Dec. 1-21, 1960

Box 7

Folder 4

Vol. 70, Dec. 19, 1960 - Jan. 16, 1961

Box 7

Folder 5

Vol. 71, Jan. 13 - Feb. 1, 1961

Box 7

Folder 6

Vol. 72, Feb. 2-21, 1961

Box 7

Folder 7

Vol. 73, Feb. 21 - Mar. 13, 1961

Box 7

Folder 8

Vol. 74, Mar. 13-31, 1961

Box 7

Folder 9

Vol. 75, Apr. 1-18, 1961

Box 7

Folder 10

Vol. 76, Apr. 19 - May 7, 1961

Box 8

Folder 1

Vol. 77, May 8-28, 1961

Box 8

Folder 2

Vol. 78, May 29 - June 22, 1961

Box 8

Folder 3

Vol. 79, June 22 - July 14, 1961

Box 8

Folder 4

Vol. 80, July 15 - Aug. 7, 1961

Box 8

Folder 5

Vol. 81, Aug. 8 - Sept. 9, 1961

Box 8

Folder 6

Vol. 82, Sept. 9 - Oct. 4, 1961

Box 8

Folder 7

Vol. 83, Oct. 5 - Nov. 5, 1961

Box 8

Folder 8

Vol. 84, Nov. 5 - Nov. 30, 1961

Box 8

Folder 9

Vol. 85, Nov. 30 - Dec. 31, 1961

Box 8

Folder 10

Vol. 86, Jan. 1 - Jan. 31, 1962

Box 9

Folder 1

Vol. 87, Jan. 31 - Feb. 26, 1962

Box 9

Folder 2

Vol. 88, Feb. 27 - Apr. 2, 1962

Box 9

Folder 3

Vol. 89, Apr. 3 - May 21, 1962

Box 9

Folder 4

Vol. 90, May 21 - June 20, 1962

Box 9

Folder 5

Vol. 91, June 21 - July 14, 1962

Box 9

Folder 6

Vol. 92, July 15 - Aug. 5, 1962

Box 9

Folder 7

Vol. 93, Aug. 5 - Sept. 14, 1962

Box 9

Folder 8

Vol. 94, Sept. 15 - Sept. 30, 1962

Box 9

Folder 9

Vol. 95, Oct. 1-25, 1962

Box 9

Folder 10

Vol. 96, Oct. 25 - Nov. 29, 1962

Box 10

Folder 1

Vol. 97, Nov. 30 - Dec. 17, 1962

Box 10

Folder 2

Vol. 98, Dec. 17, 1962 - Jan. 1, 1963

Box 10

Folder 3

Vol. 99, Jan. 2-26, 1963

Box 10

Folder 4

Vol. 100, Jan 26 - Feb. 20, 1963
Box 10
Folder 5
Vol. 101, Feb. 21 - Mar. 24, 1963
Box 10
Folder 6
Vol. 102, Mar. 25 - May 1, 1963
Box 10
Folder 7
Vol. 103, May 3 - June 1, 1963
Box 10
Folder 8
Vol. 104, June 2-30, 1963
Box 10
Folder 9
Vol. 105, June 30 - July 31, 1963
Box 10
Folder 10
Vol. 106, Aug. 1 - Aug. 19, 1963
Box 11
Folder 1
Vol. 107, Aug. 20 - Sept. 22, 1963
Box 11
Folder 2
Vol. 108, Sept. 22 - Oct. 23, 1963
Box 11
Folder 3
Vol. 109, Oct. 24 - Nov. 28, 1963
Box 11
Folder 4
Vol. 110, Nov. 29, 1963 - Jan. 11, 1964
Box 11
Folder 5
Vol. 111, Jan. 11 - Jan. 26, 1964
Box 11
Folder 6
Vol. 112, Jan. 27 - Feb. 15, 1964
Box 11
Folder 7
Vol. 113, Feb. 15 - Feb. 26, 1964
Box 11
Folder 8
Vol. 114, Feb. 27 - Mar. 14, 1964
Box 11
Folder 9
Vol. 115, Mar. 14 - Mar. 30, 1964

Box 11
Folder 10
Vol. 116, Mar. 30 - Apr. 21, 1964
Box 12
Folder 1
Vol. 117, Apr. 21 - May 27, 1964
Box 12
Folder 2
Vol. 118, May 28 - July 10, 1964
Box 12
Folder 3
Vol. 119, July 11 - Aug. 16, 1964
Box 12
Folder 4
Vol. 120, Aug. 17 - Sept. 10, 1964
Box 12
Folder 5
Vol. 121, Sept. 10 - Oct. 13, 1964
Box 12
Folder 6
Vol. 122, Oct. 14 - Nov. 10, 1964
Box 12
Folder 7
Vol. 123, Nov. 10 - Dec. 9, 1964
Box 12
Folder 8
Vol. 124, Dec. 9, 1964 - Jan. 12, 1965
Box 12
Folder 9
Vol. 125, Jan. 12 - Feb. 13, 1965
Box 12
Folder 10
Vol. 126, Feb. 13 - Mar. 14, 1965
Box 13
Folder 1
Vol. 127, Mar. 14 - Apr. 10, 1965
Box 13
Folder 2
Vol. 128, Apr. 11 - May 31, 1965
Box 13
Folder 3
Vol. 129, June 1 - July 19, 1965
Box 13
Folder 4
Vol. 130, July 20 - Sept. 3, 1965
Box 13

Folder 5

Vol. 131, Sept. 4 - Oct. 16, 1965

Box 13

Folder 6

Vol. 132, Oct. 16 - Nov. 14, 1965

Box 13

Folder 7

Vol. 133, Nov. 15, 1965 - Jan. 1, 1966

Box 13

Folder 8

Vol. 134, Jan. 2 - Mar. 17, 1966

Box 13

Folder 9

Vol. 135, Mar. 18 - May 23, 1966

Box 13

Folder 10

Vol. 136, May 23 - June 25, 1966

Box 14

Folder 1

Vol. 137, June 25 - Aug. 8, 1966

Box 14

Folder 2

Vol. 138, Aug. 8 - Sept. 25, 1966

Box 14

Folder 3

Vol. 139, Sept. 25 - Oct. 20, 1966

Box 14

Folder 4

Vol. 140, Oct. 20 - Nov. 20, 1966

Box 14

Folder 5

Vol. 141, Nov. 21 - Dec. 31, 1966

Box 14

Folder 6

Vol. 142, Dec. 31, 1966 - Feb. 17, 1967

Box 14

Folder 7

Vol. 143, Feb. 18 - Apr. 5, 1967

Box 14

Folder 8

Vol. 144, Apr. 6 - May 1, 1967

Box 14

Folder 9

Vol. 145, May 2 - July 6, 1967

Box 14

Folder 10

Vol. 146, July 6 - Sept. 2, 1967
Box 15
Folder 1
Vol. 147, Sept. 3 - Oct. 24, 1967
Box 15
Folder 2
Vol. 148, Oct. 24 - Dec. 17, 1967
Box 15
Folder 3
Vol. 149, Dec. 17, 1967 - Jan. 21, 1968
Box 15
Folder 4
Vol. 150, Jan. 22 - Mar. 4, 1968
Box 15
Folder 5
Vol. 151, Mar. 4 - Apr. 5, 1968
Box 15
Folder 6
Vol. 152, Apr. 7 - May 29, 1968
Box 15
Folder 7
Vol. 153, May 29 - July 24, 1968
Box 15
Folder 8
Vol. 154, July 25 - Sept. 24, 1968
Box 15
Folder 9
Vol. 155, Sept. 24 - Oct. 26, 1968
Box 15
Folder 10
Vol. 156, Oct. 26 - Dec. 13, 1968
Box 16
Folder 1
Vol. 157, Dec. 14, 1968 - Feb. 10, 1969
Box 16
Folder 2
Vol. 158, Feb. 10 - Mar. 7, 1969
Box 16
Folder 3
Vol. 159, Mar. 8 - Apr. 30, 1969
Box 16
Folder 4
Vol. 160, May 1 - June 1, 1969
Box 16
Folder 5
Vol. 161, June 1 - July 5, 1969

Box 16

Folder 6

Vol. 162, July 5 - Sept. 3, 1969

Box 16

Folder 7

Vol. 163, Sept. 3 - Oct. 18, 1969

Box 16

Folder 8

Vol. 164, Oct. 19 - Dec. 26, 1969

Box 16

Folder 9

Vol. 165, Dec. 26, 1969 - Feb. 18, 1970

Box 16

Folder 10

Vol. 166, Feb. 19 - Mar. 21, 1970

Box 17

Folder 1

Vol. 167, Mar. 21 - Apr. 20, 1970

Box 17

Folder 2

Vol. 168, Apr. 21 - June 18, 1970

Box 17

Folder 3

Vol. 169, June 20 - Aug. 9, 1970

Box 17

Folder 4

Vol. 170, Aug. 9 - Sept. 3, 1970

Box 17

Folder 5

Vol. 171, Sept. 3-30, 1970

Box 17

Folder 6

Vol. 172, Oct. 1-30, 1970

Box 17

Folder 7

Vol. 173, Oct. 30 - Dec. 20, 1970

Box 17

Folder 8

Vol. 174, Dec. 20, 1970 - Feb. 4, 1971

Box 17

Folder 9

Vol. 175, Feb. 4 - Mar. 24, 1971

Box 17

Folder 10

Vol. 176, Mar. 25 - May 1, 1971

Box 18

Folder 1

Vol. 177, May 2 - June 6, 1971

Box 18

Folder 2

Vol. 178, June 7 - July 29, 1971

Box 18

Folder 3

Vol. 179, Aug. 1 - Sept. 22, 1971

Box 18

Folder 4

Vol. 180, Sept. 23 - Nov. 29, 1971

Box 18

Folder 5

Vol. 181, Nov. 29, 1971 - Jan. 20, 1972

Box 18

Folder 6

Vol. 182, Jan. 21 - Mar. 3, 1972

Box 18

Folder 7

Vol. 183, Mar. 3 - Apr. 17, 1972

Box 18

Folder 8

Vol. 184, Apr. 17 - June 2, 1972

Box 18

Folder 9

Vol. 185, June 3 - July 29, 1972

Box 18

Folder 10

Vol. 186, July 30 - Sept. 20, 1972

Box 19

Folder 1

Vol. 187, Sept. 21 - Nov. 15, 1972

Box 19

Folder 2

Vol. 188, Nov. 16, 1972 - Jan. 15, 1973

Box 19

Folder 3

Vol. 189, Jan. 17 - May 15, 1973

Box 19

Folder 4

Vol. 190, May 16 - July 18, 1973

Box 19

Folder 5

Vol. 191, July 22 - Oct. 6, 1973

Box 19

Folder 6

Vol. 192, Oct. 7, 1973 - Jan. 4, 1974
Box 19
Folder 7
Vol. 193, Jan. 4 - Mar. 26, 1974
Box 19
Folder 8
Vol. 194, Mar. 26 - May 22, 1974
Box 19
Folder 9
Vol. 195, May 24 - June 30, 1974
Box 19
Folder 10
Vol. 196, June 30 - Sept. 29, 1974
Box 20
Folder 1
Vol. 197, Sept. 30 - Dec. 1, 1974
Box 20
Folder 2
Vol. 198, Dec. 2, 1974 - Feb. 21, 1975
Box 20
Folder 3
Vol. 199, Feb. 20 - May 8, 1975
Box 20
Folder 4
Vol. 200, May 8 - Sept. 26, 1975
Box 20
Folder 5
Vol. 201, Sept. 28 - Dec. 29, 1975
Box 20
Folder 6
Vol. 202, Dec. 31, 1975 - Mar. 19, 1976
Box 20
Folder 7
Vol. 203, Mar. 24 - June 5, 1976
Box 20
Folder 8
Vol. 204, June 6 - Aug. 13, 1976
Box 20
Folder 9
Vol. 205, Aug. 13 - Oct. 8, 1976
Box 20
Folder 10
Vol. 206, Oct. 9, 1976 - Jan. 30, 1977
Box 21
Folder 1
Vol. 207, Jan. 31 - June 3, 1977

Box 21
Folder 2
Vol. 208, June 4 - Oct. 12, 1977
Box 21
Folder 3
Vol. 209, Oct. 13, 1977 - Jan. 15, 1978
Box 21
Folder 4
Vol. 210, Jan. 20 - Apr. 16, 1978
Box 21
Folder 5
Vol. 211, Apr. 18 - Aug. 6, 1978
Box 21
Folder 6
Vol. 212, Aug. 6 - Nov. 25, 1978
Box 21
Folder 7
Vol. 213, Nov. 26 - Dec. 8, 1978
Box 21
Folder 8
Vol. 214, Dec. 9, 1978 - Mar. 27, 1979
Box 21
Folder 9
Vol. 215, Mar. 27 - July 15, 1979
Box 21
Folder 10
Vol. 216, July 17, 1979 - Jan. 28, 1980
Box 22
Folder 1
Vol. 216-S (Supplement), undated
Box 22
Folder 2
Vol. 217, Jan. 28 - May 29, 1980
Box 22
Folder 3
Vol. 218, May 30 - Sept. 19, 1980
Box 22
Folder 4
Vol. 219, Sept. 18 - Feb. 2, 1981
Box 22
Folder 5
Vol. 20, Feb. 6 - June 10, 1981
Box 22
Folder 6
Vol. 221, June 16 - Nov. 10, 1981
Box 22

Folder 7

Vol. 222, Nov. 15, 1981 - Mar. 22, 1982

Box 22

Folder 8

Vol. 223, Mar. 22 - Apr. 24, 1982

Box 22

Folder 9

Vol. 224, Apr. 27 - May 7, 1982

Box 22

Folder 10

Vol. 225, May 7/8-20, 1982

Box 23

Folder 1

Vol. 226, May 27 - Sept. 25, 1982

Box 23

Folder 2

Vol. 227, Oct. 10, 1982 - Feb. 14, 1983

Box 23

Folder 3

Vol. 228, Feb. 16 - May 26, 1983

Box 23

Folder 4

Vol. 229, May 29 - Aug. 2, 1983

Box 23

Folder 5

Vol. 230, Aug. 3 - Nov. 30, 1983

Box 23

Folder 6

Vol. 231, Dec. 1, 1983 - Mar. 31, 1984

Box 23

Folder 7

Vol. 232, Mar. 31 - June 27, 1984

Box 23

Folder 8

Vol. 233, June 28 - July 27, 1984

Box 23

Folder 9

Vol. 234, July 29 - Oct. 20, 1984

Box 23

Folder 10

Vol. 235-A, Oct. 21-Nov. 4, 1984

Box 24

Folder 1

Vol. 235-B, Oct. 1984

Box 24

Folder 2

Vol. 235-C, Nov. 13, 1984 - Jan. 28, 1985

Box 24

Folder 3

Vol. 236, Feb. 1 - May 28, 1985

Box 24

Folder 4

Vol. 237, May 28 - Sept., 1985

Box 24

Folder 5

Vol. 238, Sept. 23, 1985 - Jan. 10, 1986

Box 24

Folder 6

Vol. 239, Jan. 12 - June 23, 1986

Box 24

Folder 7

Vol. 240, May 12, 1986 - Jan. 14, 1987

Box 24

Folder 8

Vol. 240-A, July 10, 1986 - Jan. 21, 1987

Box 24

Folder 9

Vol. 241, Jan. 25 - Apr. 14, 1987

Box 24

Folder 10

Vol. 244, Jan. 25 - Nov. 18, 1988

Box 25

Folder 1

Vol. 244-A, Jan. 8-21, 1988

Box 25

Folder 2

Vol. 245, Oct. 21, 1988 - Apr. 21, 1989

Box 25

Folder 3

Vol. 246, May 22, 1989 - Jan. 16, 1990

Box 25

Folder 4

Vol. 247, Mar. 26 - Sept. 11, 1990

Box 25

Folder 5

Addressed Journal with Pages Torn Out, undated

Box 25

Folder 6

Diary, 1925

Box 25

Folder 7

Diary, 1946

Box 25

Folder 8

"Expense Statements and Notes, Rome Trip," May-June, 1957

Box 25

Folder 9

Journal, 1928-1929

Box 26

Folder 1

Journal, 1942-1943

Box 26

Folder 2

Journal 199, undated

Box 26

Folder 3

Notebook, July 1958

Box 26

Folder 4

"Paul - Merton," 1975

Box 26

Folder 5

"Picture Lady," 1981-1986

Box 26

Folder 6

"The Christian Today," 1979

Box 26

Folder 7

"The Parables of Jesus," 1978-1979

Box 26

Folder 8

Unlabeled Journal, 1991

Box 26

Folder 9

"X-Mas Cards," 1982-1983

Series II: Correspondence

Box 27

Folder 1

Correspondence, 1932-1937

Box 27

Folder 2

Correspondence, 1936

Box 27

Folder 3

Correspondence, 1938-1939

Box 27

Folder 4

Correspondence, 1940-1941
Box 27
Folder 5
Correspondence, 1942-1943
Box 27
Folder 6
Correspondence, 1943-1953
Box 27
Folder 7
Correspondence, 1944-1948
Box 27
Folder 8
Correspondence, 1946
Box 27
Folder 9
Correspondence, 1947-1960
Box 28
Folder 1
Correspondence, 1948-1952
Box 28
Folder 2
Correspondence, 1950-1976
Box 28
Folder 3
Correspondence, 1963-1964
Box 28
Folder 4
Correspondence, 1963-1973
Box 28
Folder 5
Correspondence, 1966-1988
Box 28
Folder 6
Correspondence, 1967-1989
Box 28
Folder 7
Correspondence, 1983-1984
Box 28
Folder 8
Correspondence, 1983
Box 29
Folder 1
Correspondence, 1984-1985
Box 29
Folder 2
Correspondence, 1984-1985

Box 29

Folder 3

Correspondence, 1984-1985

Box 29

Folder 4

Correspondence, 1984-1985

Box 29

Folder 5

Correspondence, 1984-1989

Box 29

Folder 6

Correspondence, 1985

Box 29

Folder 7

Correspondence, 1985-1992

Box 29

Folder 8

Correspondence, 1986-1987

Box 30

Folder 1

Correspondence, 1986-1989

Box 30

Folder 2

1987-1988

Box 30

Folder 3

1988-1989

Box 30

Folder 4

1992-1993

Box 30

Folder 5

Abt Helmut A., Correspondence, 1972

Box 30

Folder 6

Abt Helmut A., The Astrophysical Journal, 1974-1981

Box 30

Folder 7

Abt Helmut A., Folder 1, 1978-1980

Box 30

Folder 8

Abt Helmut A., Folder 2, 1978-1980

Box 30

Folder 9

Adams Thomas F., 1975-1982

Box 31

Folder 1

Acknowledgement of Atlas (Letters), 1979

Box 31

Folder 2

Astronomy and Astrophysics: A European Journal, 1976

Box 31

Folder 3

The Astronomical Journal, 1971

Box 31

Folder 4

The Astrophysical Journal, 1974-1975

Box 31

Folder 5

A-B-C, 1952-1953

Box 31

Folder 6

A-L, 1947

Box 31

Folder 7

Babcock H.W., 1976

Box 31

Folder 8

Blaauw Correspondence, 1948-1952

Box 31

Folder 9

Blaauw Correspondence, 1953

Box 31

Folder 10

Bless Robert C., 1982

Box 31

Folder 11

Britannica Correspondence, 1952-1953

Box 31

Folder 12

Burbidge Geoffrey, 1975-1983

Box 31

Folder 13

Burbidge Geoffrey Birthday, 1985

Box 31

Folder 14

Burbidge Geoffrey Birthday Correspondence, 1985

Box 31

Folder 15

Burbidge E. Margaret, 1981-1982

Box 31

Folder 16

Business Correspondence, 1937

Box 31

Folder 17

Business Correspondence, 1966

Box 31

Folder 18

Carbons of Letters Regarding Atlas, 1978-1980

Box 31

Folder 19

Cards and Messages, Folder 1, 1963-1973

Box 31

Folder 20

Cards and Messages, Folder 2, 1963

Box 32

Folder 1

Cards and Messages, Folder 3, 1963

Box 32

Folder 2

Cards and Messages, Folder 4, 1963

Box 32

Folder 3

Cards and Messages, Folder 5, 1963

Box 32

Folder 4

Chalonge Correspondence, 1952-1953

Box 32

Folder 5

Christmas Cards, Folder 1, 1967-1969

Box 32

Folder 6

Christmas Cards, Folder 2, 1967-1969

Box 32

Folder 7

Christmas Cards, 1972

Box 32

Folder 8

Cowley Anne P., 1976-1982

Box 32

Folder 9

Cruikshank-Kuiper, 1975-1982

Box 32

Folder 10

Dreiser Richard D., 1983

Box 32

Folder 11

D-E-F, 1952-1953

Box 32

Folder 12

Eaton Joel A., 1975-1978

Box 32

Folder 13

Edmondson Frank K., 1974-1982

Box 32

Folder 14

Edmondson Frank K., Correspondence, 1984

Box 33

Folder 1

Frost Edwin, 1922-1924

Box 33

Folder 2

Garrison Correspondence, 1987

Box 33

Folder 3

Gingerich Owen J.: The Discovery of the Spiral Arms of the Milky Way, 1983

Box 33

Folder 4

Gingerich, Owen J., 1982-1983

Box 33

Folder 5

Golay M., 1975-1979

Box 33

Folder 6

G-H-I, 1952-1953

Box 33

Folder 7

Harper D.A., 1982

Box 33

Folder 8

Harper, 1984

Box 33

Folder 9

Hauck B., 1981

Box 33

Folder 10

Hearnshaw, 1985

Box 33

Folder 11

Herbig George H., 1974-1982

Box 33

Folder 12

Hoag Arthur A., 1975

Box 33

Folder 13

Hoffleit Dorrit, 1980-1982

Box 33

Folder 14

Hoffleit Correspondence, 1984-1985

Box 33

Folder 15

Humphreys Roberta M., 1975-1982

Box 33

Folder 16

Hynek J. Allen, 1972-1974

Box 33

Folder 17

IAU Te Wandelen Guieren, 1947

Box 33

Folder 18

The Institute for Advanced Study, 1976

Box 33

Folder 19

Intimate Letters from Helen to W.W. Morgan, 1952-1953

Box 33

Folder 20

Jaschek Carlos, 1975-1982

Box 33

Folder 21

Johnson Correspondence, 1952-1953

Box 33

Folder 22

Jury Duty Correspondence, 1979

Box 33

Folder 23

J-K-L, 1952-1953

Box 33

Folder 24

Kayser Susan, 1974-1980

Box 34

Folder 1

Keenan Phillip C., 1947-1948

Box 34

Folder 2

Keenan Phillip C., 1949-1951

Box 34

Folder 3

Keenan Phillip C., Correspondence, 1952-1953

Box 34

Folder 4

Keenan Phillip C., Folder 1, 1979-1987
Box 34
Folder 5
Keenan Phillip C., Folder 2, 1979-1987
Box 34
Folder 6
Kluyver Helen, 1947
Box 34
Folder 7
Kotanyi C., 1982
Box 34
Folder 8
Kuiper Gerard P., Memorial, 1973-1975
Box 34
Folder 9
Kuiper Gerard P., Correspondence, 1948
Box 34
Folder 10
Landolt Arlo U., 1977
Box 34
Folder 11
Correspondence with Leiden, 1947
Box 34
Folder 12
Letters to Keep Forever, 1982
Box 34
Folder 13
Matsushima, Satoshi, 1976
Box 34
Folder 14
Meinel Aden and Marjorie, 1980-1982
Box 34
Folder 15
Memorials, Barrett Helen, 1963
Box 35
Folder 1
McCarthy Martin S.J., 1978
Box 35
Folder 2
McCarthy Martin S.J., 1978-1983
Box 35
Folder 3
Merrill Paul W., Correspondence, 1949-1951
Box 35
Folder 4
Mihalas Dimitri, Correspondence, Folder 1, 1984-1986

Box 35

Folder 5

Mihalas Dimitri, Correspondence, Folder 2, 1984-1986

Box 35

Folder 6

Mihalas Dimitri, Correspondence, Folder 3, 1975-1984

Box 35

Folder 7

Mihalas Dimitri, Letter, May 20, 1981

Box 35

Folder 8

Mihalas Dimitri, Letter to Truran re: Mihalas, November 13, 1984

Box 35

Folder 9

Miscellaneous Correspondence, undated

Box 35

Folder 10

M-Z, 1947

Box 35

Folder 11

M-N-O, 1953

Box 36

Folder 1

Nassau J.J., Correspondence, 1944-1956

Box 36

Folder 2

Nassau J.J., Correspondence, 1948

Box 36

Folder 3

Nassau J.J., Correspondence, 1949

Box 36

Folder 4

Nassau J.J., Correspondence, 1950

Box 36

Folder 5

Nassau J.J., Correspondence, 1951-1952

Box 36

Folder 6

Nassau J.J., Correspondence, 1952-1953

Box 36

Folder 7-8

National Academy of Sciences Correspondence, 1987-1989

Box 36

Folder 9

O'Connell D.J. Father, 1974-1976

Box 36

Folder 10

Oort/IAU, 1947

Box 36

Folder 11

Oort Correspondence, 1953

Box 36

Folder 12

Oort-Lindblad, 1927-1970

Box 36

Folder 13

Osterbrock Donald E., 1979-1986

Box 37

Folder 1

Osterbrock Donald E., 1974-1980

Box 37

Folder 2

Outgoing Correspondence, 1964-1965

Box 37

Folder 3

Palmer Patrick E., 1977

Box 37

Folder 4

Papers, 1962-1964

Box 37

Folder 5

Papers, Folder 1, 1955-1965

Box 37

Folder 6

Papers, Folder 2, 1955-1965

Box 37

Folder 7

Parker J. Reverend, Correspondence, 1977

Box 37

Folder 8

Perkins Barbara, 1974-1983

Box 37

Folder 9

Personal Correspondence, 1936

Box 37

Folder 10

Personal Correspondence, 1937

Box 37

Folder 11

Personal Correspondence, 1938

Box 37

Folder 12

Personal Correspondence, 1943

Box 37

Folder 13

Personal Correspondence, 1946

Box 37

Folder 14

Personal Correspondence, 1948

Box 37

Folder 15

Personal Correspondence, 1949

Box 37

Folder 16

Personal Correspondence, 1950

Box 37

Folder 17

Personal Correspondence, 1951

Box 37

Folder 18

Personal Correspondence, 1952-1953

Box 38

Folder 1

Personal Correspondence, 1952

Box 38

Folder 2

Personal Correspondence, 1953

Box 38

Folder 3

Personal Correspondence, 1954

Box 38

Folder 4

Personal Correspondence, 1955

Box 38

Folder 5

Personal Correspondence, 1957

Box 38

Folder 6

Personal Correspondence, 1958

Box 38

Folder 7

Personal Correspondence, 1959

Box 38

Folder 8

Personal Correspondence, 1963-1964

Box 38

Folder 9

Personal Correspondence, 1964

Box 38
Folder 10
Personal Correspondence, 1966

Box 38
Folder 11
Personal Correspondence, 1968

Box 38
Folder 12
Personal Correspondence, 1972

Box 38
Folder 13
Personal Correspondence, 1973-1990

Box 38
Folder 14
Personal Correspondence, 1973-1980

Box 38
Folder 15
Personal and Professional Correspondence, 1952-53

Box 38
Folder 16
Personal and Professional Correspondence, 1954

Box 39
Folder 1
Pontifical Academy of Science, Folder 1, 1977-1983

Box 39
Folder 2
Pontifical Academy of Science, Folder 2, 1974-1977

Box 39
Folder 3
P-Q-R-S, 1952-1953

Box 39
Folder 4
Reynolds R.J., 1975-1976

Box 39
Folder 5
Ross Alan, 1978

Box 39
Folder 6
Rountree Lesh Janet, 1974-1981

Box 39
Folder 7
Sanner Fred, 1975-1979

Box 39
Folder 8
Schramm David N., 1981-1983

Box 39

Folder 9
Schwartz Marry W., Correspondence, 1952-1953
Box 39

Folder 10
Schild R.E., 1984
Box 39

Folder 11
Shane C.D., Correspondence, 1952
Box 39

Folder 12
Sharpless Stewart, Correspondence, 1953
Box 39

Folder 13
Smith James, 1981
Box 39

Folder 14
Smith Malcolm G., 1975-1978
Box 39

Folder 15
Spinrad Hyron, 1976-1977
Box 39

Folder 16
Strumgren Bengt, 1952
Box 39

Folder 17
Struve Otto, 1946
Box 39

Folder 18
Struve Otto, 1949-1951
Box 40

Folder 1
Swings Pol, 1975-1976
Box 40

Folder 2
Trenor Patrick S.J., Letter, Aug. 24, 1977
Box 40

Folder 3
Trenor Patrick, S.J., 1977-1978
Box 40

Folder 4
T-U-V, 1953
Box 40

Folder 5
van Altena W.F., 1974-1982
Box 40

Folder 6

van Biesbroeck Georges, 1981

Box 40

Folder 7

Van Den Bergh, Sidney 1975-1982

Box 40

Folder 8

Vandervoort Peter O., 1983

Box 40

Folder 9

Walborn, 1974-1980

Box 40

Folder 10

Whitford A.E., Correspondence, 1948-1952

Box 40

Folder 11

Whitford A.E., Correspondence, 1953

Box 40

Folder 12

Yale University, Maury Antonia Reminiscences, 1993

Box 40

Folder 13

W-Z, 1952-1953

Series III: Research

This series contains most of the files related to Morgan's research in astronomy.

Subseries 1 and 3 contain Morgan's research and observation notebooks and the tables and calculations he created. Spectra, Observation cards, Sky Maps, and general graphic material are grouped together in Subseries 2, "Graphic Material."

Subseries 4, Research and Scholarly Writings includes research materials collected by Morgan, including papers by other scientists. Subseries 5, Publications contains notes, manuscripts and offprints of his own writings.

Subseries 1: Notebooks

Box 40

Folder 14

Abell, undated

Box 40

Folder 15

Absolute Magnitudes, 1936

Box 40

Folder 16

Abt-Morgan, NGC 2516, 1969

Box 40

Folder 17

Atlas, undated

Box 40

Folder 18

Autumn, 1980, 1980

Box 41

Folder 1

AWM Wak Cd Clusters, 1976

Box 41

Folder 2

A0 - F2, 0h - 11h6.5m, undated

Box 41

Folder 3

A0 - F2, 11h8m - 20h12, undated

Box 41

Folder 4

A0 - F2, 20h13m - 23h59m, undatedG-Series

Box 41

Folder 5

B Stars, also few O Stars, undated

Box 41

Folder 6

B Variable Stars, 1926

Box 41

Folder 7

Bautz-Morgan, 1970

Box 41

Folder 8

Cepheid Color Program: W. Linke, undated

Box 42

Folder 1

Classification of Galaxies, Fall, 1958

Box 42

Folder 2

Classifications, 1968

Box 42

Folder 3

Clusters of Galaxies, 1964-1968

Box 42

Folder 4

Data for Luminosity Calibration, 1956

Box 42

Folder 5

Differential Equations II Problems, 1929

Box 42

Folder 6

empty notebook, undated

Box 42

Folder 7

Fine Grain Development, 1935

Box 42

Folder 8

Final Form Classification, 1957

Box 42

Folder 9

Form Catalogue Final, 1957

Box 42

Folder 10

Further Investigations on MK-78 System - ☒

- Cus Paper Beginning, 1979-1980

Box 42

Folder 11

Galactic Structure, 1962

Box 43

Folder 1

Galactic Structure, 1962

Box 43

Folder 2

Galaxies, 1961

Box 43

Folder 3

Galaxies, 1967

Box 43

Folder 4

Galaxy Classification Class, 1969

Box 43

Folder 5

G-Series, undated

Box 43

Folder 6

HD B8-A0 Bright Star Catalogue, 1964

Box 43

Folder 7

Hyades, Spec Results, 1964-1967

Box 43

Folder 8

Irregular Variables, 1928

Box 43

Folder 9

Low Surface Brightness Galaxies, 1963-1964

Box 43

Folder 10

Matthews - Morgan - Schmidt, 1963

Box 43

Folder 11

McCormick Symposium, April, 1956

Box 44

Folder 1

MK-70, 1968-1969

Box 44

Folder 2

MKA System, 1971

Box 44

Folder 3

MKHT, 1965

Box 44

Folder 4

MKHT Spectral Atlas, 1967

Box 44

Folder 5

MK System Revision, 1964

Box 44

Folder 6

The Mk System of Spectral Classification, 1986

Box 44

Folder 7

Morgan Spectral Classification, 1972

Box 44

Folder 8

W.W. Morgan Notebook, 1966-1967

Box 44

Folder 9

NGC 2362, 1969

Box 45

Folder 1

Notes on Reflector Color Program, undated

Box 45

Folder 2

Nova Herculis, undated

Box 45

Folder 3

Observational Notebook 1, 1937-1941

Box 45

Folder 4

Observational Notebook 2, 1941-1943

Box 45

Folder 5

Observational Notebook 3, 1943-1946

Box 46

Folder 1

Observational Notebook 4, 1946-1947

Box 46

Folder 2

Observational Notebook 5, 1947-1948

Box 46

Folder 3

Observational Notebook 6, 1948-1949

Box 46

Folder 4

Observational Notebook 7, 1949-1950

Box 46

Folder 5

Observational Notebook 8, 1950-1951

Box 46

Folder 6

Observational Notebook 9, 1951-1954

Box 47

Folder 1

Observational Notebook 10, 1954-1957

Box 47

Folder 2

Observations, Notebook, F, undated

Box 47

Folder 3

Observations, Notebook, Δ , undated

Box 47

Folder 4

Observations, Notebook, "6 inch Reflector with 15 degrees" undated

Box 47

Folder 5

Observations, Notebook, 1929

Box 47

Folder 6

Observations, Notebook, 1932

Box 47

Folder 7

Observations, Notebook, 1945-1946

Box 48

Folder 1

Observations, Notebook, undated

Box 48

Folder 2

Observations, Notebook, undated

Box 48

Folder 3

Observations, Notebook, undated

Box 48

Folder 4

On the Spectra and Forms of the Galaxies, 1956

Box 48

Folder 5

Orbit of ZZ Aurigae: Nova Cygni (1876), 1927-1928

Box 48

Folder 6

Paper III, July, 1971

Box 48

Folder 7

P.C.K. Nebular Photometry: UV Series - Book 1, Contains Some TN and Other Series, Measures with Ross Photometer, 1932-1934

Box 48

Folder 8

Planetarium Address, 1973

Box 49

Folder 1

Preliminary Types, 10, undated

Box 49

Folder 2

Problems, 1936

Box 49

Folder 3

Programs, 1935

Box 49

Folder 4

Proceedings, Yerkes Astronomical Club, 1914-1916

Box 49

Folder 5

Proceedings, Yerkes Astronomical Club, Colloquia, 1916-1930

Box 49

Folder 6

Professional Notebook #16, undated

Box 49

Folder 7

Professional Notebook #17, undated

Box 49

Folder 8

Professional Notebook #18, undated

Box 50

Folder 1

Professional Notebook #19, undated 26

Box 50

Folder 2

Professional Notebook #20, undated 26

Box 50

Folder 3

Professional Notebook #21, undated 26

Box 50

Folder 4

Professional Notebook #22, undated 26b

Box 50

Folder 5

Professional Notebook #23, undated 26b

Box 50

Folder 6

Professional Notebook #24, undated 26b

Box 50

Folder 7

Professional Notebook #25, undated 26b

Box 50

Folder 8

Professional Notebook #26, undated 26b

Box 50

Folder 9

Professional Notebook #27, undated 26b

Box 50

Folder 10

Professional Notebook #28, undated 26b

Box 50

Folder 11

Professional Notebook #29, undated 26b

Box 51

Folder 1

Professional Notebook #30, undated

Box 51

Folder 2

Professional Notebook #31, undated

Box 51

Folder 3

Record, November, 1928

Box 51

Folder 4

Reference Notes for Variables: Moon, 1928

Box 51

Folder 5

References, undated

Box 51

Folder 6

Revised MK Atlas for Stars Earlier than the Sun, 1975-1976

Box 51

Folder 7

Revised MK Atlas for Stars Earlier than the Sun, 1976-1977

Box 51

Folder 8

Revised MK Atlas for Stars Earlier than the Sun, 1977

Box 51

Folder 9

Revised MK Atlas for Stars Earlier than the Sun, 1977-1978

Box 51

Folder 10

Revised MK Atlas with Bright Stars in Orion Nebula, 1978

Box 52

Folder 1

Rome, 1970

Box 52

Folder 2-3

J Russel Lecture, 1961

Box 52

Folder 4

RV Tauri Variables Novae, Hoffmeister's Variables, 1927

Box 52

Folder 5

Notebook: "Sections for Atlas Text," 1978

Box 52

Folder 6

Some Spectroscopic Phenomena Associated with the Evolution of Galaxies, 1958

Box 52

Folder 7

Spectral Intensity, undated

Box 52

Folder 8

Spectroscopic Investigations, 1981-1982

Box 53

Folder 1

Spectral Types, 1962-1967

Box 53

Folder 2

Spiral Arms, 1969

Box 53

Folder 3

Spiral Notebooks, F5, 1, 0h0m - 17h29m, undated

Box 53

Folder 4

Spiral Notebooks, F5, 2, 17h34m - 22h47m, undated

Box 53

Folder 5

Spiral Notebooks, F5, 2, 22h47m - 23h59m, undated

Box 53

Folder 6

Spiral Notebooks, F8-G5, 1, 0h0m - 5h51.2m, undated

Box 53

Folder 7

Spiral Notebooks, F8-G5, 2, 5h53.3m - 15h21.4m, undated

Box 53

Folder 8

Spiral Notebooks, F8-G5, 3, 14h21.6m - 21h40.8m, undated

Box 53

Folder 9

Spiral Notebooks, F8-G5, 4, 21h49.0m - 23h58.3m, undated

Box 53

Folder 10

Spiral Notebooks, K's, 1, 0h0m -5h55m, undated

Box 53

Folder 11

Spiral Notebooks, K's, 2, 5h58m-10h4m, undated

Box 53

Folder 12

Spiral Notebooks, K's, 3, 10h7m - 15h2.1m, undated

Box 54

Folder 1

Spiral Notebooks, K's, 4, 15h2.6m, 18h31.6m, undated

Box 54

Folder 2

Spiral Notebooks, K's, 5, 18h32.1m - 20h29.0m, undated

Box 54

Folder 3

Spiral Notebooks, K's, 6, 20h29.5m - 23h21.1m, undated

Box 54

Folder 4

Spiral Notebooks, K's, 7, 23h22.1m - 23h58.1m, undated

Box 54

Folder 5

Spiral Structure, 1973

Box 54

Folder 6

Star Catalog F8-K5, undated

Box 54

Folder 7

Stars Brighter than 5m, undated

Box 54

Folder 8

Stars Which Have No Cards, Vol. I, 1954

Box 54

Folder 9

Stars Which Have No Cards, Continuation of Vol. I, 1954

Box 54

Folder 10

Stellar Photometry: P.C. Keenan, 1934

Box 55

Folder 1

Stellar Populations, 1966-1967

Box 55

Folder 2

Summer, 1980

Box 55

Folder 3

Survey for Abt, 1971 27

Box 55

Folder 4

Survey for Abt, 1972-1976

Box 55

Folder 5

TN Series - Book 1, Nebular Photometry, Ross Photometer, 1934

Box 55

Folder 6

Tucson, May, 1971

Box 55

Folder 7

Types: When?, Where?, What Plate Series?, Types by Whom?, Transcribed by Carrie?,
undated

Box 55

Folder 8

Unlabeled, 1954

Box 55

Folder 9

Unlabeled, 1955

Box 55

Folder 10

Unlabeled, 1983

Box 55

Folder 11

Uppsala, 1970

Box 56

Folder 1

UV Book 2 Series: Nebular Photometry, Measures with Ross Photometer, 1934

Box 56

Folder 2

Variables, 1928

Box 56

Folder 3

Variable Star Notes, 1927

Box 56

Folder 4

Variable Stars, January, 1927

Box 56

Folder 5

X, Globular Clusters, 1959

Box 56

Folder 6

Y, May, 1969

Box 56

Folder 7

Alpha Per Cluster, 1970-1971

Box 56

Folder 8

☒ Series 6-inch Reflector, undated

Box 57

Folder 1

Δ Scuti and Metallic Line Stars with Sharp K Program, 1973-1975

Box 57

Folder 2

☒ Cas Paper and Other Investigations, with Optical Forms of Galaxies in Spectral-Type Boxes, 1980-1981

Box 57

Folder 3

0 Associations: Catalogue of Star Clusters and Associations, Prague, 1958

Box 57

Folder 4

18-05 +86.6 6.8 out, 1934

Box 57

Folder 5

2 MK 0-B5, 1968

Subseries 2: Graphic Documents

Box 57

Folder 6

Abell 2199 = NGC 6166, 1965 10

Box 57

Folder 7

A 545, undated

Box 57

Folder 8

A 665, undated

Box 57

Folder 9

An Atlas of Low-Dispersion Grating Stellar Spectra, 1967

Box 57

Folder 10

An Atlas of Objective-Prism Spectra, 1974

Box 57

Folder 11

Basel Paper Illustrations, Folder I, undated

- Folder12: Basel Paper Illustrations, Folder II, undated

Box 58

Folder 1

BD Enlargement (Case), undated

Box 58

Folder 2

Betelgeuse, undated

Box 58

Folder 3

Burbridge Image Tube Camera Prints of Southern Radio Sources, Folder 1, undated

Box 58

Folder 4

Burbridge Image Tube Camera Prints of Southern Radio Sources, Folder 2, undated

Box 58

Folder 5

Burbidge NGC 4696: 60" Cevvu Tolulo Prints, 24" Michigan Schmidt, 1971

Box 58

Folder 6

Burbridge Plates, October, 1971

Box 58

Folder 7

Centaurus Association Prints - Burbidge CT 60-in, 103-a-0, 45m. See: Sersic: Atlas of Southern Galaxies pp. 66-67, 1971

Box 58

Folder 8

Cleveland, 1970

Box 58

Folder 9

Corbally Christopher J., Composite Spectra, 1986

Box 58

Folder 10

Cyg X1 Spectra, undated

Box 59

Folder 1

DTM Kent Ford: Steam Star, undated

Box 59

Folder 2

Enlargements of Galaxies, undated

Box 59

Folder 3

Extra-Galactic Prints, No. 10, 11, 30, undated

Box 59

Folder 4

Finder Fields for Care Program, undated

Box 59

Folder 5

Galaxy Class, May 3, 1969

Box 59

Folder 6

Galaxy Form Classification, Original Maps, 1958

Box 59

Folder 7

Galaxy Form Classification, Original Maps, Folder 2, 1958

Box 59

Folder 8

Goldstein Mechanics etc., undated

Box 59

Folder 9

HR 5401 Am Illustrations, undated

Box 59

Folder 10

IC 2602 Illustrations, undated

Box 59

Folder 11

IC 4296, Prints - Burbridge CT60in, 1971

Box 59

Folder 12

Images, Luminosity Effects at GO, 1976

Box 59

Folder 13

Illustration for Optical Forms of N Galaxies, 1982

Box 59

Folder 14

Keenan Letter, LMC F8-G8 Spectra: Scans of η Cas, HR 8752, 1980

Box 59

Folder 15

Kitt Peak, 10178, undated

Box 59

Folder 15

Lantern Slides: Keenan-McNeil Atlas, Plates 3, 4, 7, 8, 14, undated

Box 60

Folder 1

Light-Curves of Variable Stars, undated

Box 60

Folder 2

Luminosity Effects at 09, undated

Box 60

Folder 3

Lynds Spectra 4 COS34, 1970

Box 60

Folder 4

Main Sequence 09-B8, undated

Box 60

Folder 5

Miscellaneous Spectral Enlargements, undated

Box 60

Folder 6

MK Am Stars Figure 1 Revised, 1975

Box 60

Folder 7

MK Chapter Illustrations, undated

Box 60

Folder 8

MKAT H-J, 1980

Box 60

Folder 9

MKAT Print Set A, undated

Box 60

Folder 10

MKK 70 42, undated

Box 60

Folder 11

MKK 70 42, Unknowns 1-20, undated

Box 60

Folder 12

M.N. System, undated 10

Box 60

Folder 13

Morgan-Abt-Tapscott Figures, undated

Box 60

Folder 14

Morgan-Keenan Ama Rev. Illustrations, undated

Box 60

Folder 15

Morgan Spectral Classifications, 1-20, undated

Box 60

Folder 16

Morgan Spectral Classifications, Unknowns 1-20, undated

Box 61

Folder 1

Morgan Spectral Classifications, 1963

Box 61

Folder 2

Morgan, Stromgren, Johnson, ApJ 121, 611, Original Photographic Prints, 1955

Box 61

Folder 3

A Morphological Life, 1986

Box 61

Folder 4

New Aspects of Stellar Classification, undated

Box 61

Folder 5

NGC 4154, Prints, 1969

Box 61

Folder 6

NGC 5419 Prints - CT 60-in, 103-a-0: Burbidge - Burbidge, undated

Box 61

Folder 7

Objective: Prism Positives for Classification Class, undated

Box 61

Folder 8

Objective: Prism Positive for Student Classification, undated

Box 61

Folder 9

Observation cards Reference Guide, undated

Box 61

Folder 10

Observation cards, untitled, undated

Box 62

Observation cards and Lantern Slides, undated

Box 63

Observation cards, Miscellaneous Cards, "Strogem Stars 1954", "O and B Stars, including those observed by Stebbins, Haffer and Whitford for color, the OB stars from the Cleveland Program and the H O and B stars fainter than 5.50 and north of - 20°, 0h, 1h, 2h, 3h, 4h, and 5h", undated

Box 64

Observation cards, "Observation cards for wide double stars to be observed photographically" (Two sets 1"-6" and >6"), "Stars of all Types Brighter than 5.50 in BS Catalogue 0h, 1h, 2h, 3h, to -30°", "Miscellaneous", undated

Box 65

Observation cards, "Stars of all Types Brighter than 5.50 in BS Catalogue 0h, 1h, 2h, 3h, 4h, 5h, 6h, 7h, 8h, 9h, 10h, 11h, 12h, 13h, 14h, 15h, 16h, to -30°"

Box 66

Set 1: Observation cards, Brighter than 5.50 in BS Catalogue 7h, 8h, 9h, 10h, 11h, 12h, 13h, 14h, 15h, 16h, 17h, 18h, 19h, 20h, 21h, 22h, 23h, to -30° , undated

Box 66

Set 2: Observation cards, Merrill H α Stars 12h, 23h, undated

Box 67

Observation cards, "R and N Type Stars", "O-B3 Stars", "High Velocity Stars < 7.0 ; Giants G5-M Between 6h and 16h", "Miscellaneous", "Dwarfs Fainter than 6.5, Stars of All Types Brighter than 5.50 in BS Catalogue, 4h, 5h, 6h", "B-Stars in Canis Major Region", undated

Box 68

Observation cards, "B0, B1", "Stars Later than B5 having Corrected Apparent Magnitudes Brighter than 5.0", "B9p - A5p Stars", "S Type Stars", "Dwarf Stars", "Sub-Dwarfs and White Dwarfs", "O and B Stars: Including those Observed by Stebbius, Huffer, and Whitford for Color, the OB Stars from the Cleveland Program, and the HD O and B Stars Fainter than 5.50 and North of -20° , 6h - 17h", "O and B Stars: Including those Observed by Stebbius, Huffer, and Whitford for Color, the OB Stars from the Cleveland Program, and the HD O and B Stars Fainter than 5.50 and North of -20° , 20h", undated

Box 69

Observation cards, "Double Stars", "Perseus Cluster Region II", "Merrill Stars", "B8 Stars in Orion Cluster Region", "O and B Stars: Including those Observed by Stebbius, Huffer, and Whitford for Color, the OB Stars from the Cleveland Program, and the HD O and B Stars Fainter than 5.50 and North of -20° , 18h", "O and B Stars: Including those Observed by Stebbius, Huffer, and Whitford for Color, the OB Stars from the Cleveland Program, and the HD O and B Stars Fainter than 5.50 and North of -20° , 21h, 22h, 23h", "Cluster Type Variables, Gaposchkin Variable Stars", "A0, A2, A3, A5, Aop; 11h, 12h, 13h, 14h, 15h, 16h, 17h", undated

Box 70

Observation cards, "Perseus Clusters I", "O and B Stars: Including those Observed by Stebbius, Huffer, and Whitford for Color, the OB Stars from the Cleveland Program, and the HD O and B Stars Fainter than 5.50 and North of -20° , 19h", "Dwarfs of unknown Spectral Type", "c Stars of Classes B and A", "Standard Stars within 10 PC", "C-Stars F0 - K5", "Selected High Velocity Stars", "Standard Stars", "Members of the Cora Bereni Cluster", undated

Box 71

Observation cards, "Wolf-Rayet Stars", "Variable Stars", "M0, M1, M2 Dwarf Stars", "'M" Stars", "Hyades Cluster", "Red Variables Having Ranges less than 2 mag. and Visual Minima Brighter than 10.0", "O-Stars", "Cepheid Variables, Gaposchkin - Variable Stars", undated

Box 72

Folder 1

Orion Cluster, Folder 1, undated

Box 72

Folder 2

Orion Cluster, Folder 2, undated

Box 72

Folder 3

Papers, Illustrations for Morgan-Walboro-Tabscott, undated

Box 72

Folder 4

Perseus, Cluster, undated

Box 72

Folder 5

Photographic and Star Charts, undated

Box 72

Folder 6

Plate A Madison, undated

Box 72

Folder 7

Pleione, 1973

Box 72

Folder 8

Seyfert Galaxy Paper Prints, 1967

Box 73

Folder 1

Spectra, undated

Box 73

Folder 2

Spectral Classification Unknowns (original), undated

Box 73

Folder 3

Spectral Unknowns, 1964-1966

Box 73

Folder 4

Star Field Maps, undated

Box 73

Folder 5

Star Tables, 1971

Box 73

Folder 6

Studies in Spectral Classification III: Monoceros, 1965

Box 73

Folder 7

Supergiants 09-B8, undated

Box 73

Folder 8

Toronto Paper: Best Set, 1983

Box 73

Folder 9

Toronto Paper: Final Prints, 1983

Box 73

Folder 10

Transparencies, undated

Box 73

Folder 11

Transparencies for Chicago Colloquium, 1979

Box 73

Folder 12

Unknown, 1964-1968

Box 73

Folder 13

Unknown 21-32, Jan. 23, 1970

Box 73

Folder 14

Unknown Prints (Last Batch), Folder 1, undated

Box 73

Folder 15

Unknown Prints (Last Batch), Folder 2, undated

Box 74

Folder 1

Wide-Angle Prints from Code, undated

Box 74

Folder 2

VII Cygni, undated

Box 74

Folder 3

☒ Oph HII Region, undated

Box 74

Folder 4

Alpha Ovitail Prints, undated

Box 74

Folder 5

Alpha Persei, Cluster Illustrations, undated

Box 74

Folder 6

200-inch Prints from Plate of M31, 1951

Subseries 3: Tables and Calculations

Box 74

Folder 7

Abell Cluster on Palomar Prints, undated

Box 74

Folder 8

ABT Binary Spectra, 1968

Box 74

Folder 9

Abt, 1981

Box 74

Folder 10

Abt, Bless, Morgan, Far W Classification, 1982

Box 74

Folder 11

Atlas, B5-F5, undated

Box 74

Folder 12

Atlas Charts, undated

Box 74

Folder 13

Atlas, F8-G0, undated

Box 74

Folder 14

Atlas, F8-K2, undated

Box 74

Folder 15

Atlas, G-K, undated

Box 74

Folder 16

Basel Stars, 1969

Box 74

Folder 17

Basel O-B Stars, 1969

Box 74

Folder 18

B-Stars, undated

Box 75

Folder 1

Charts, 1963

Box 75

Folder 2

Charts, A0-F0, undated

Box 75

Folder 3

Charts, F2-G2, undated

Box 75

Folder 4

Counts of G5-K5 Stars 5.5-6.5, undated

Box 75

Folder 5

Deep Region, undated

Box 75

Folder 6

Deutsch Plates, undated

Box 75

Folder 7

Eggen B9 - A2, undated

Box 75

Folder 8

Faint Standard Fields, undated

Box 75

Folder 9

Galactic Forms Table, undated

Box 75

Folder 10

Garrison Four-Color, 1965

Box 75

Folder 11

gK0 - gK5 & K0 III - K5 III; K0 II-III - K5 II-III; K0 III-IV - K5 III-IV, undated

Box 75

Folder 12

Globular Clusters and Photometric Data, undated

Box 75

Folder 13

G5-K5 Stars, undated

Box 75

Folder 14

Harris - K Plates, undated

Box 75

Folder 15

Harris Plates, undated

Box 75

Folder 16

Hyades, undated

Box 75

Folder 17

Late-Type Emission-Line Stars, undated

Box 75

Folder 18

List of Standard Stars Illustrated in MAT Atlas, 1978

Box 75

Folder 19

Luminosity Effects at BO, undated

Box 75

Folder 20

Luminosity Effects at G2, undated

Box 75

Folder 21

Madison Group Work, undated

Box 75

Folder 22

Derck Massa, 1981-1982

Box 75

Folder 23

MAT - Continuing Work, 1978

Box 75

Folder 24

Mathematical Tables, undated

Box 75

Folder 25

MK Revised Standards, 1968

Box 75

Folder 26

Morgan-Neff, April, 1964

Box 76

Folder 1

Nikonov - B8-B9 Stars, undated

Box 76

Folder 2

Notebooks, Double Entry, undated

Box 76

Folder 3

Orion, 1968

Box 76

Folder 4

Orion B. Group, undated

Box 76

Folder 5

Orion Variables, 1968

Box 76

Folder 6

O-Stars - Atlas, undated

Box 76

Folder 7

Palomar Plate Tables, undated

Box 76

Folder 8

Papers, 1981-1982

Box 76

Folder 9

Papers, n.d

Box 76

Folder 10

Papers, undated

Box 76

Folder 11

Photometric, Polarization, and Spectrographic Observations of O-Stars, Hiltner, 1956-1969 10

Box 76

Folder 12

Photometry Tables, 1970

Box 76

Folder 13

Plates Borrowed, 1964

Box 76

Folder 14

PSS, 1974

Box 76

Folder 15

Revised Frame of Reference F8-K3, 1985

Box 76

Folder 16

SC/C Cluster - Beritau, undated

Box 76

Folder 17

Schild Standards, 1966

Box 76

Folder 18

Second Yerkes Atlas, Mount Wilson Spectra, undated

Box 76

Folder 19

Southern B-Stars, undated

Box 76

Folder 20

Spectral Unknowns, 1963

Box 76

Folder 21

Strong Standards, 1986-1988

Box 76

Folder 22

Subdwarfs, undated

Box 76

Folder 23

Tables, 1971

Box 77

Folder 1

Tables, 1980

Box 77

Folder 2

Tables, undated

Box 77

Folder 3

Tables, undated

Box 77

Folder 4

Tables, January 3 - March 14, undated

Box 77

Folder 5

TMK Tables, 1972

Box 77

Folder 6

Unknowns, 1970

Box 77

Folder 7

Unknowns Class, Fall, 1964

Box 77

Folder 8

Unknowns: Spectral Classification, 1963

Box 77

Folder 9

Ursa Major, Cloud, undated

Box 77

Folder 10

Variable Stars: Classes R and N, undated

Box 77

Folder 11

Virgo Cluster, 1950

Box 77

Folder 12

Walborn Tables, undated

Box 77

Folder 13

The Wolf Rayet Stars, undated

Box 77

Folder 14

X Plates A0-F5, undated

Box 77

Folder 15

X Plates F0-K5, undated

Box 77

Folder 16

22 Cygni Region, 1948

Subseries 4: Research and Scholarly Papers

Box 77

Folder 17

Abt Helmut A., Folder 1, 1982-1987

Box 77

Folder 18

Abt Helmut A., Folder 2, 1981-1982

Box 77

Folder 19

Albert Elise, 1975-1982

Box 78

Folder 1

Abell, Stellar Evolution Diagrams, undated

Box 78

Folder 2

Astrophysical Journal, An Investigation of Stellar Motions, 1947

Box 78

Folder 3

Austin Papers, 1962-1963

Box 78

Folder 4

Bahcall, Neta A. "Clusters of Galaxies," 1976

Box 78

Folder 5

Blaauw/Johnson Vol. 3 Kuiper, undated

Box 78

Folder 6

Bok Bart J., "Photo Electric Colors of B Stars in Five Regions of the Southern Milky Way", undated

Box 78

Folder 7

cD Cluster Reprints, 1974

Box 78

Folder 8

Chandrasekhar Relativity Reprints, 1969

Box 78

Folder 9

Correction, in Km per sec., to Radial Velocity due to Earth's Rotation for Yerkes Observatory, undated

Box 78

Folder 10

Crawford Measures, 1973

Box 78

Folder 11

Fujita's Note on Classification of Red Carbon Stars, undated

Box 78

Folder 12

Galactic Structure, 1973-1981

Box 78

Folder 13

Gallagher-Wirth, 1982

Box 78

Folder 14

Garrison, Robert F., 1977-1988

Box 78

Folder 15

Heckmann - Lubeck, Hyades, 1956-1964

Box 78

Folder 16

Hopkins Jeanne, 1979

Box 78

Folder 17

Hubble Constant Series, Papers I, II, IV, and V, Left by Allan Sandage, 1973-1974

Box 79

Folder 1

IC 4665, 1964-1971

Box 79

Folder 2

Intrinsic Colors; Zaris Johnson, BHD, 1963

Box 79

Folder 3

IZw Objects - Not on Sargent's List; IZw Objects on Sargent's List+ II Zw1, 1971

Box 79

Folder 4

Jenner David C., "Supergiant Galaxies with Multiple Nuclei," 1974

Box 79

Folder 5

Johnson Harold L., 1963

Box 79

Folder 6

Johnson Harold L., 1976

Box 79

Folder 7

Johnson-Hiltner Calibration, ApJ 123, 267, 1956

Box 79

Folder 8

Jones Burton F.: Faint Pleiades, 1972

Box 79

Folder 9

Kayser Susan, 1962-1973

Box 79

Folder 10

Keenan, Philip C., "1985 Revised Mk Spectral Standards: Stars Go and Later," 1985

Box 79

Folder 11

Keenan Calibration, B.A.D., 1963

Box 79

Folder 12

Kennedy, Pamela Morris, "Interstellar Line Velocities in the Southern Milky Way," 1966

Box 79

Folder 13

Kron Richard G., 1981-1985

Box 79

Folder 14

Lola Judy, 1979-1982

Box 79

Folder 15

Luyten: Stars of v.v. Low Luminosity, 1974

Box 79

Folder 16

Marschall Thesis, "High Resolution Studies of the Interstellar Calcium Lines," 1971

Box 79

Folder 17

Mendoza: Pleiades, Hz II Pleiades; Kraft: v sin i Pleiades, 1956

Box 79

Folder 18

Mendoza, "A Spectroscopic Study of the Pleiades," 1955

Box 80

Folder 1

Mihalas Dimitri, Longair I.A.U. Paper, 1968

Box 80

Folder 2

Mihalas Dimitri, "On the Relevance of the mK System and process to the theory of stellar atmospheres", 1983

Box 80

Folder 3

Mihalas Dimitri, Paper, 1984

Box 80

Folder 4

Mihalas Dimitri, Toronto Manuscript, 1984

Box 80

Folder 5

Mihalas Dimitri, Toronto Manuscript, Master Copy 19884

Box 80

Folder 6

Molnar: AP Stars, 1974-1978

Box 80

Folder 7

Moore J.H., "Fifth Catalog of the Orbital Elements of Spectroscopic Binary Stars", 1949

Box 80

Folder 8

Neff John, Spectroscopic Study of the Andromeda Nebula", 1963

Box 80

Folder 9

Neff John, Calibration of Sensitive Functions, 1964

Box 80

Folder 10

NGC 752, 1971

Box 80

Folder 11

Ostriker J.P. and Gunn J.E. "On The Nature of Pulsars: III. Analysis of Observations",
Manuscripts, 1969

Box 80

Folder 12

Palmer, 1968-1972

Box 80

Folder 13

Ramsey Paper, undated

Box 80

Folder 14

Revised Atlas Work Books, 1980

Box 80

Folder 15

Roman Nancy, "The Ursa Major Group," undated

Box 80

Folder 16

Rybski Paul, Folder 1, 1984-1987

Box 81

Folder 1

Rybski Paul, Folder 2, 1983-1984

Box 81

Folder 2

Rybski Paul, Folder 3, 1982-1983

Box 81

Folder 3

Scholarly Papers, Folder 1, OB Stars, 1955-1974

Box 81

Folder 4

Scholarly Papers, Folder 2, Photometry Papers 1961-1974

Box 81

Folder 5

Scholarly Papers, Folder 3, 1936-1978

Box 81

Folder 6

Scholarly Papers, Folder 4, 1974-1978

Box 81

Folder 7

Scholarly Papers, Folder 5, 1971-1978

Box 82

Folder 1

Scholarly Papers, Folder 6, 1974

Box 82

Folder 2

Scholarly Papers, Folder 7, 1972-1974

Box 82

Folder 3

Scholarly Papers, Folder 8, 1974

Box 82

Folder 4

Scholarly Papers, Folder 9, undated

Box 82

Folder 5

Scholarly Papers, Folder 10, 1932-1979

Box 82

Folder 6

Segal I.E., Articles, 1982-1983

Box 82

Folder 7

Segal I.E., Papers, 1982-1983

Box 82

Folder 8

Superclusters, 1983

Box 82

Folder 9

The Observatory: A Review of Astronomy, Number One Thousand, 1974

Box 82

Folder 10

van Altena William F., "Astrometry," undated

Box 82

Folder 11

van Altena William F., NSF AST 76-81339, Oct 29, 1976

Box 82

Folder 12

van den Bergh Sidney. Clusters of Galaxies, undated

Box 83

Folder 1

Walborn, Atlas, undated

Box 83

Folder 2

Walborn: Final Version Supplement Summary, 1971

Box 83

Folder 3

Walborn: N-C Stars, 1970

Box 83

Folder 4

Walborn: Nitrogen Anomaly, 1970

Box 83

Folder 5

Walborn, "On the Existence of OB Stars with Anomalous Nitrogen and Carbon Spectra,"
undated

Box 83

Folder 6

Walborn: ☒ Car, 1971

Box 83

Folder 7

Walborn: ☒ Car, 1971

Box 83

Folder 8

Walborn, 1970

Box 83

Folder 9

Withford A.E., Six-Color Photometry: Paper on 238 Stars, 1945

Box 83

Folder 10

R. R. Zappala, Classification of Criteria F8-K5, undated

Box 83

Folder 11

84" Image Intensifier Sample Photograph, 1974

Box 83

Folder 12

☒ Vel, Abt, Landolt, 1958-1970

Subseries 5: Publications

Box 83

Folder 13

Abt-Morgan-Garrison II, 1983

Box 83

Folder 14

"Apparent Variation of Intensity of Lines of HeI in the Spectrum of B7III-B9III", Abt
Helmut, Morgan W.W., 1981

Box 83

Folder 15

"The Application of the Principle of Natural Groups to the Classification of Stellar
Spectra", undated

Box 83

Folder 16

Articles, 1931-1986

Box 83

Folder 17

Atlas of Stellar Spectra, Introduction, Draft, 1967

Box 83

Folder 18

Atlas of Stellar Spectra, Revised Standards, 1964-965

Box 83

Folder 19

Bautz-Morgan, Folder 1, 1970

Box 83

Folder 20

Bautz-Morgan, Folder 2, 1970

Box 84

Folder 1

Bautz-Morgan, "On the Classification of the Form of Clusters of Galaxies", Master Copy, 1970

Box 84

Folder 2

Bautz-Morgan, "On the Classification of the Form of Clusters of Galaxies", Xerox and Carbon, 1970

Box 84

Folder 3

Bibliography of W.W. Morgan, 1976

Box 84

Folder 4

Bibliography of W.W. Morgan, 1976-1981

Box 84

Folder 5

CD Galaxy Paper, 1975

Box 84

Folder 6

CD Galaxy Paper, Master, 1975

Box 84

Folder 7

"The Classification of the Am Stars", 1972

Box 84

Folder 8

"Classification of Compact Objects: QSS, QSO'S, N-TYPE and Compact Galaxies, Seyfert and Galactic Nuclei", 1970

Box 84

Folder 9

"A Comparison of the Optical Forms of Certain Seyfert Galaxies with N-Type Radio Galaxies", 1967

Box 84

Folder 10

Current Investigation, 1981

Box 84

Folder 11

Current Research, February, 1984

Box 84

Folder 12

Current Research, Spectral Classification, 1982

Box 84

Folder 13

Dimensionless Morphologies, 1973

Box 84

Folder 14

"A Discussion of Galaxies Identified with Radio Sources", Matthews Thomas and Morgan W.W., 1980-1982

Box 84

Folder 15

"The Distribution of Light in the Central Regions of Some Giant Elliptical Galaxies," Heeschen, Walborn, and Morgan, Final Manuscript, 1971

Box 84

Folder 16

"On the Distribution of Interstellar Gas in the Galactic Halo", Hobbs L.M., W.W. Morgan, C.E. Albert, and Felix J. Lockman, 1982

Box 84

Folder 17

"A Finding List of F Stars of High Luminosity", 1952

Box 84

Folder 18

"A Finding List of O and B Stars of High Luminosity", Nassau J.J. and Morgan W.W., 1951

Box 84

Folder 19

"Flare Stars in Orion Nebula Cluster," Morgan-Haro, ApJ 118, 16, 1953

Box 84

Folder 20

Fragments, 1980

Box 84

Folder 21

Galaxies, "Collation of Optical and Radio Classification of Galaxies", 1968

Box 84

Folder 22

Galaxies, Clusters, Classification Scheme for Clusters of Galaxies, 1969

Box 84

Folder 23

Galaxies, Galaxy Forms II, "A Preliminary Classification of the Forms of Galaxies, According to their Stellar Population, II", undated

Box 84

Folder 24

Green, John C. Jr., Graphic Latin, undated

Box 84

Folder 25

Heeschen, Walborn, Morgan, 1970

Box 84

Folder 26

"The HR Diagram of the Open Cluster IC 2602," Final MS, 1972

Box 84

Folder 27

Hynek, "J. Allen Hynek at Yerkes Observatory: 1932-1935", 1986

Box 85

Folder 1

IC 2602, Master Copy, 1972

Box 85

Folder 2

IC 2602, ☒ Car., 1971

Box 85

Folder 3

Manuscripts Completed or in Process, 1953

Box 85

Folder 4

Master Super-Supergiants, April 4, 1980

Box 85

Folder 5

Metallic Line Stars, 1947

Box 85

Folder 6

Metallic Line Stars, 1968

Box 85

Folder 7

MHG: Alpha Per Master, 1970

Box 85

Folder 8

MHG: Alpha Per Xerox, 1971

Box 85

Folder 9

Mihalas - Morgan, Chapter 1 and 2, 1969

Box 85

Folder 10

Mihalas - Morgan, 1969

Box 85

Folder 11

MKA F Stars, Final MS, 1971

Box 85

Folder 12

MKBH Revised Text, undated

Box 85

Folder 13

"MK Morphology of a Group of Am Stars", with Abt Helmut, Report of Referees, 1975

Box 85

Folder 14

MK System and MK Process, Master Toronto, 1983

Box 85

Folder 15

M-L Star System, 1973

Box 86

Folder 1

Morphology of Optical Forms of N Galaxies, 1982

Box 86

Folder 2

N-Galaxies, Paper, October, 1971

Box 86

Folder 3

N-Galaxies, Quasars, 1982

Box 86

Folder 4

NGC 2516, 1965-1969.

Box 86

Folder 5

NGC 2516, 1965-1969

Box 86

Folder 6

NGC 2516, undated

Box 86

Folder 7

Northwestern Paper, 1952-1953

Box 86

Folder 8

NSF Proposal - 1981-1983

Box 86

Folder 9

NSF Proposal, Folder 2, 1980-1982

Box 86

Folder 10

NSF Proposal, Folder 3, 1980-1982

Box 86

Folder 11

"An Optical Form Morphology of Seyfert Galaxies", 1970

Box 86

Folder 12

Papers, 1947-1980

Box 87

Folder 1

Papers, 1952-1987

Box 87

Folder 2

Papers, 1959-1969

Box 87

Folder 3

Papers, Double Stars, undated

Box 87

Folder 4

Pleiade, Atlas, 1943

Box 87

Folder 5

Proof of Presence of cD Galaxies in AWM 7 and AWM 3, 1977 1981

Box 87

Folder 6

Published Papers, 1946

Box 87

Folder 7

References, 1958-1974

Box 87

Folder 8

Revised Master, 1980

Box 87

Folder 9

Spec. Luminosities 04-B2, 1981

Box 87

Folder 10

Spectral Atlas, Distribution, 1981-1989

Box 87

Folder 11

Spectral Atlas, Introduction to Atlas No. 2, undated

Box 87

Folder 12

Spectral Atlas, Proof, 1978

Box 87

Folder 13

Spectral Atlas, Text Final, 1978

Box 87

Folder 14

Spectral Atlas, Text for Spectral Atlas (Starting with #12), 1978

Box 87

Folder 15

Spectral Atlas, Work in Progress, 1977

Box 87

Folder 16

Spectral Atlas, undated

Box 87

Folder 17

"On the Spectroscopic Behavior of the Stars of Highest Luminosity in the Region of the Hertzsprung Gap," Morgan, Keenan, Abt, and Tapscott, undated

Box 88

Folder 1

Spectral Atlas, Overall Scheme, 1968

Box 88

Folder 2

Spectral Atlas, Plates, undated

Box 88

Folder 3

Spectral Atlas, Shipments, 1979-1980

Box 88

Folder 4

Spectral Atlas, Revised Spectral Atlas, 1974

Box 88

Folder 5

Spiral Arms (Historical), 1952-1953

Box 88

Folder 6

Spiral Arms, 1952-1971

Box 88

Folder 7

Spiral Structure, 1973-1974

Box 88

Folder 8

Starswith XX Plates, undated

Box 88

Folder 9

Toronto Paper, 1983

Box 88

Folder 10

Uppsala Proof, 1971

Box 88

Folder 11

Vatican Paper and Atlas Typesetting, 1978

Box 88

Folder 12

Alpha Persei Cluster, 1968-1969

Box 88

Folder 13

Alpha Persei Proof, 1971

Subseries 6: General

Box 88

Folder 14

A-Stars with C1 Colors Brighter than 7.0 m, 1947

Box 88

Folder 15

Abt Helmut, Robert F. Garrison, Morgan W.W., Papers and Correspondence, 1986

Box 88

Folder 16

An Atlas of Spectra of the Cooler Stars, 1976

Box 89

Folder 1

CD Galaxies, 1987

Box 89

Folder 2

Classification of Clusters, undated

Box 89

Folder 3

Compact Galaxies, 1964-1968

Box 89

Folder 4

Conti Peter, Articles, 1986-1987

Box 89

Folder 5

Developers, undated

Box 89

Folder 6

Dibaj E.A., Pronik, 1971-1972

Box 89

Folder 7

F Stars CII-IV, 1971

Box 89

Folder 8

"Growth Rates in Various Fields of Astronomy", Abt Helmut, undated

Box 89

Folder 9

Hynek Allen, Book, I Chapter, 1949

Box 89

Folder 10

Johnson 8-Color Bright Stars, 1967

Box 89

Folder 11

Keenan Philip C., "552 Stars", 1979

Box 89

Folder 12

Luminosity Effects At B1, undated

Box 89

Folder 13

MAT Classification, 1980-1982

Box 89

Folder 14

Michigan Atlas, "Michigan Catalogue of Two-Dimensional Spectral Types for the HD Stars, Vol. II", 1974

Box 89

Folder 15

The MK System and the MK Process, 1983

Box 89

Folder 16

Morgan Articles, 1984

Box 89

Folder 17

Natural Groups, undated

Box 89

Folder 18

Notes, "Classification of the Spectrograms", undated

Box 89

Folder 19

Papers, 1962

Box 89

Folder 20

Papers, 1974-1981

Box 90

Folder 1

Prime Papers, Sigma Cas, HR 8752, 1955-1974

Box 90

Folder 2

Revision of 1958 of Classification of Galaxy Forms, 1958

Box 90

Folder 3

Schild Standards, 1966

Box 90

Folder 4

Spectral Classification and Three Color Photometry of A-Type Peculiar Stars (K. Osawa), undated

Box 90

Folder 5

Stromgren 4-Color, White Review, 1971

Box 90

Folder 6

Tektites, 1966

Box 90

Folder 7

Visual Survey for Multiplicity of O-Stars, undated

Box 90

Folder 8

Wittgenstein Annotated Article, 1976

Box 90

Folder 9

☒ - ☒ Diagram, 1970 10

Box 90

Folder 10

Sigma Cas, HR 8752, 1979

Box 90

Folder 11

Sigma Cas, Creative Notes, 1979

Box 90

Folder 12

Sigma Cas, Etc., 1979

Series IV: Symposia, Conferences and Workshops

Box 90

Folder 13

AAS Meeting, Boulder, 1970

Box 90

Folder 14

AAS Meeting, Madison, 1978

Box 90

Folder 15

Bengt Stromgren Symposium, 1978

Box 90

Folder 16

Chicago Colloquium, December 13, 1978

Box 90

Folder 17

Colloquia Notices, 1980

Box 90

Folder 18

D.A.O. Visit, 1974

Box 90

Folder 19

Groningen Symposium, 1953

Box 91

Folder 1

Hale Observatories Visit, 1974

Box 91

Folder 2

IAU, Conference, Prague, 1967

Box 91

Folder 3

IAU, Symposium, Uppsala, 1970

Box 91

Folder 4

IAU, Symposium, Uppsala, 1970-1971

Box 91

Folder 5

IAU, Symposium, Problems of Extragalactic Research, 1960-1961

Box 91

Folder 6

Lausanne, 1975

Box 91

Folder 7

Madison Neighborhood, Midwest Astronomer Meeting, October 29, 1983

Box 91

Folder 8

Magnetic Clouds, Colloquium, undated

Box 91

Folder 9

Mexico Trip, 1953

Box 91

Folder 10

Nassau-Morgan, Michigan Symposium, 1950

Box 91

Folder 11

National Science Foundation, Washington Trip, 1967

Box 91

Folder 12

New York Symposium "Texas," 1967

Box 91

Folder 13

Ohio State Symposium, 1969

Box 91

Folder 14

The Orion Association, Colloquium, 1961-1967

Box 91

Folder 15

Paris Symposium, 1953

Box 91

Folder 16

Pontifical Academy, Plenary Session, 1968

Box 91

Folder 17

Prague Travel, 1967

Box 91

Folder 18

Princeton Lectures, May, 1969

Box 91

Folder 19

Princeton Arrangements, 1968-1969

Box 92

Folder 1

Rome Trip, 1970

Box 92

Folder 2

Sandage Allan, Colloquium, Photos, 1974

Box 92

Folder 3

Seyfert Galaxies, Conference, Tucson, 1967-1968

Box 92

Folder 4

Spectral Classification as Language, Yerkes Colloquium, 1976

Box 92

Folder 5

Spectroscope Colloquium, undated

Box 92

Folder 6

Stockholm Symposium, 1964

Box 92

Folder 7

Toronto Discussion, MK Workshop, 1983

Box 92

Folder 8

Toronto Papers, MK Workshop, 1983

Box 92

Folder 9

Toronto Papers, MK Workshop, 1983

Box 92

Folder 10

Tucson MS, 1967

Box 92

Folder 11

Tucson MS, 1971

Box 92

Folder 12

Tucson Trip, 1971

Box 92

Folder 13

Vatican, Pontifical Academy, Semaine, 1970

Box 92

Folder 14

Vatican, Pontifical Academy, Conferences, 1976-1978

Box 92

Folder 15

Washington Symposium Papers, 1976-1978

Box 92

Folder 16

Washington Trip, 1969

Box 92

Folder 17

Yerkes Colloquium, 1953

Series V: Administration and Organizations

This series documents Morgan's service as director of the Yerkes Observatory, editor of the *Astrophysical Journal*, faculty of the University of Chicago, and mayor of the town of William's Bay, Wisconsin .

Box 93

Folder 1

Abt Helmut, Classifications, Plate Shipments, 1968-1982

Box 93

Folder 2

Adler Planetarium, 1974-1979

Box 93

Folder 3

American Academy of Arts and Sciences, 1986

Box 93

Folder 4

American Academy of Arts and Sciences, Midwest Center, 1975-1982

Box 93

Folder 5

American Academy of Arts and Sciences, Midwest Center, 1979

Box 93

Folder 6

American Academy of Arts and Sciences, Newsletters, 1979-1982

Box 93

Folder 7

American Academy of Arts and Sciences, Newsletters, 1979-1982

Box 93

Folder 8

American Academy of Achievement Program, 1983

Box 93

Folder 9

American Astronomical Society, June 3-7, 1985

Box 93

Folder 10

Anna Mininni, undated

Box 93

Folder 11

Astrophysical Journal, Atlas Publication, 1978

Box 93

Folder 12

Astrophysical Journal, Correspondence: A, 1948-1952

Box 93

Folder 13

Astrophysical Journal, Correspondence: B, Folder 1, 1948-1952

Box 93

Folder 14

Astrophysical Journal, Correspondence: B, Folder 2, 1948-1952

Box 94

Folder 1

Astrophysical Journal, Correspondence: C, 1948-1952

Box 94

Folder 2

Astrophysical Journal, Correspondence: D-E, 1948-1952

Box 94

Folder 3

Astrophysical Journal, Correspondence: F-G, 1948-1952

Box 94

Folder 4

Astrophysical Journal, Correspondence: H-I, 1948-1952

Box 94

Folder 5

Astrophysical Journal, Correspondence: J, 1948-1952

Box 94

Folder 6

Astrophysical Journal, Correspondence: K, 1948-1952

Box 94

Folder 7

Astrophysical Journal, Correspondence: L, 1948-1952

Box 94

Folder 8

Astrophysical Journal, Correspondence: M, 1948-1952

Box 94

Folder 9

Astrophysical Journal, Correspondence: N-O-P, 1948-1952

Box 95

Folder 1

Astrophysical Journal, Correspondence: Q-R, 1948-1952

Box 95

Folder 2

Astrophysical Journal, Correspondence: S, 1948-1952

Box 95

Folder 3

Astrophysical Journal, Committee on Publications, 1949

Box 95

Folder 4

Astrophysical Journal, Committee on Publications Report, 1949-1950

Box 95

Folder 5

Astrophysical Journal, Committee on Publications, 1950

Box 95

Folder 6

Astrophysical Journal, Committee on Publications, 1951-1952

Box 95

Folder 7

Astrophysical Journal, Council Meeting, 1949-1952

Box 95

Folder 8

Astrophysical Journal, Hemens Correspondence, 1948-1951

Box 95

Folder 9

Astrophysical Journal, IAU, 1948-1952

Box 95

Folder 10

Astrophysical Journal, Letters, Brogue Draft, 1952-1953

Box 96

Folder 1

Astronomical Society of the Pacific, Referee's Report, 1975

Box 96

Folder 2

Astronomical Society of the Pacific, 1975-1982

Box 96

Folder 3

Boller and Chives Spectra Comparator, 1977

Box 96

Folder 4

Book Orders, 1972-1982

Box 96

Folder 5

Burton F. Jones, 1982

Box 96

Folder 6

B-Spectrograph, Checklist, 1958

Box 96

Folder 7

B-Spectrograph, Instructions, 1962

Box 96

Folder 8

Cerro Tololo, Interamerican Observatory Proposals, Folder I, 1977 -1980

Box 96

Folder 9

Cerro Tololo, Interamerican Observatory Proposals, Folder II, 1977-1980

Box 96

Folder 10

Denver Trip, 1985

Box 96

Folder 11

Glass Copy of Palomar Atlas, 1961

Box 96

Folder 12

Hobbs L.M., 1976-1985

Box 96

Folder 13

Hobbs L.M., CV and Papers, 1974-1987

Box 96

Folder 14

International Astronomical Union, 1948

Box 96

Folder 15

International Astronomical Union, 1952-1953

Box 96

Folder 16

International Astronomical Union, 1985-1986

Box 96

Folder 17

Kron Richard Gordon, CV, 1984

Box 96

Folder 18

Langford Historical Re-Prints, 1982-1983

Box 96

Folder 19

Memo, Meeting August 7th, 1973

Box 96

Folder 20

Morgan, Abt, Tapscott, Publications, 1980

Box 97

Folder 1

Lestina Letitia, 1979-1982

Box 97

Folder 2

Midwest Astronomer Group, 1975-1982

Box 97

Folder 3

Mihalas Dimitri, Theoretical Study, 1972

Box 97

Folder 4

National Academy of Sciences, 1983-1986

Box 97

Folder 5

National Academy of Sciences, 1986-1987

Box 97

Folder 6

National Academy of Sciences, 1989

Box 97

Folder 7

National Academy of Sciences, Huntington Controversy, 1986

Box 97

Folder 8

National Academy of Sciences, Minutes and Reports, 1989

Box 97

Folder 9

National Academy of Sciences, Proposal Sheets, undated

Box 97

Folder 10

National Academy of Sciences, Report of the President, 1981

Box 97

Folder 11

NASA, Announcement of Opportunity, Hubble Space Telescope, 1984

Box 97

Folder 12

NASA, Moon, 1966-1976

Box 97

Folder 13

NASA, 1974-1982

Box 97

Folder 14

National Research Laboratory, 1976

Box 97

Folder 15

National Science Foundation, 1978-1982

Box 97

Folder 16

National Science Foundation, Proposal Evaluation Forms, 1982

Box 97

Folder 17

Observer Infor, Kitt Peak Observatory, undated

Box 97

Folder 18

Observing Request, 1971

Box 97

Folder 19

Organizational Correspondence, 1985

Box 97

Folder 20

Planetarium Director's Lectures: "Some Discovery Made at Yerkes Observatory", 1984

Box 97

Folder 21

Plates Returned to Helmut A. Abt, 1979

Box 97

Folder 22

Prints of NGC 628, undated

Box 97

Folder 23

Referee's Report, 1974-1978

Box 97

Folder 24

Reidel D. Publishing Company, 1979

Box 97

Folder 25

Report Commission 37, IAU, Clusters and Associations, undated

Box 97

Folder 26

Report Commission 33, IAU, undated

Box 97

Folder 27

Research Corporations, 1974-1979

Box 97

Folder 28

Royal Astronomical Society, 1977-1981

Box 97

Folder 29

Royal Danish Academy of Sciences, 1975

Box 97

Folder 30

Rudnick, Correspondence, 1941

Box 97

Folder 31

Staff Photograph, May, 1960

Box 97

Folder 32

Stromgren Bengt Visit, 1979

Box 98

Folder 1

University of Chicago, Annual Reports, 1964-1982

Box 98

Folder 2

University of Chicago, Annual Reports, 1981-1984

Box 98

Folder 3

University of Chicago, Annual Report, July, 1985

Box 98

Folder 4

University of Chicago, Bulletins, 1975-1980

Box 98

Folder 5

University of Chicago, Business, 1953

Box 98

Folder 6-9

University of Chicago, W.W. Morgan Committee Reports, 1967-1969

Box 99

Folder 1-6

University of Chicago, W.W. Morgan Committee Reports, 1967-1969

Box 100

Folder 1-4

University of Chicago, W.W. Morgan Committee Reports, 1963-1967

Box 100

Folder 5

University of Chicago, Council Notes, 1952-1953

Box 100

Folder 6

University of Chicago, Council, Senate, 1974

Box 100

Folder 7

University of Chicago, Dean, 1981-1983

Box 100

Folder 8

University of Chicago, Departmental Communications, 1952-1953

Box 100

Folder 9

University of Chicago, Eckhart Library, 1982

Box 100

Folder 10

University of Chicago, Garden Club of America, 1975

Box 101

Folder 1

University of Chicago, Grounds Committee, 1981-1986

Box 101

Folder 2

University of Chicago, Interdepartmental Communications, 1974-1978

Box 101

Folder 3

University of Chicago, University News and Information, 1982

Box 101

Folder 4

University of Chicago, retirement papers, 1956-1977

Box 101

Folder 5

Vatican, 1985-1990

Box 101

Folder 6

Vatican, 1985-1990

Box 101

Folder 7

William's Bay, Village Business, Folder I, 1946-1948

Box 101

Folder 8

William's Bay, Village Business, Folder II, 1946-1948

Box 101

Folder 9

William's Bay, Village Business, Folder I, 1948-1951

Box 101

Folder 10

William's Bay, Village Business, Folder II, 1948-1951

Box 101

Folder 11

William's Bay, Water Safety, Committee, 1952

Box 101

Folder 12

William's Bay, Water Safety, Committee, 1953

Box 101

Folder 13

Wirth Allan, Correspondence, 1981-1984

Box 101

Folder 14

Yerkes Observatory, Interdepartmental Correspondence, 1974-1977

Series VI: Teaching

Box 102

Folder 1

Albert E., Assistantship, January-March, 1975

Box 102

Folder 2

Classification Class, 1968

Box 102

Folder 3

Galaxy Class, 1969

Box 102

Folder 4

Galaxy Class, 1971

Box 102

Folder 5

Parker Committee, 1972

Box 102

Folder 6

Preliminary of Qualifying Exams, 1972

Box 102

Folder 7

Stellar Spectroscopy, List of Unknowns, 1963

Box 102

Folder 8

Stellar Spectroscopy, Exams of Unknowns, undated

Box 102

Folder 9

Walborn Nolan R., Thesis, Paper, Master Copy, February, 1971

Box 102

Folder 10

Walborn Nolan R., Thesis, Publication Version, 1970

Box 102

Folder 11

Walborn Nolan R., Thesis, Published Version, 1971

Box 102

Folder 12

Walborn Nolan R., Thesis, "Some Spectroscopic Characteristic of OB Stars", 1970

Box 102

Folder 13

White Richard, Assorted Transparencies, undated

Box 102

Folder 14

White Richard, Departure, 1975

Box 102

Folder 15

White Richard, Thesis, 1973-1974

Series VII: General

Box 103

Folder 1

"A Day in my Life", 1918

Box 103

Folder 2

American Academy of Achievement, 1985

Box 103

Folder 3

"Address to be Given at My Funeral by Dimitri Mihalas", 1986

Box 103

Folder 4

Addresses, undated

Box 103

Folder 5

Albert, Elise, Summer Project, 1974

Box 103

Folder 6

Alzheimer's Materials: Jean Morgan, 1994

Box 103

Folder 7

Amoco Orders, 1985

Box 103

Folder 8

Appointment Lease, 1970-1971

Box 103

Folder 9

Astronomy Biography, undated

Box 103

Folder 10

Adoubon Society, 1978-1979

Box 103

Folder 11

Automobile Accident, 1965

Box 103

Folder 12

Barnard E.E., Sketches Photocopies, undated

Box 103

Folder 13

Barrett Storrs B., Biography, 1938

Box 103

Folder 14

Bengt Stromgren, Death, 1987

Box 103

Folder 15

Billy Morgan, Boy Scout Membership Cards, 1949

Box 103

Folder 16

Biology, 1979

Box 103

Folder 17

Britannica Book of the Year, 1948-1952

Box 103

Folder 18

Catechism Certificates, 1913

Box 103

Folder 19

Chang Y.C., Death, 1986

Box 103

Folder 20

Course Notes, Morgan, 1929

Box 103

Folder 21

Church Trustee, 1969-1973

Box 103

Folder 22

Church, 1976

Box 103

Folder 23

Clippings, 1990-1992

Box 103

Folder 24

Draft Letter to R.E. Griffin, 1981

Box 103

Folder 25

Draper Medal 1979, 1980

Box 103

Folder 26

Draper Medal, Citation, 1980

Box 104

Folder 1

Executive Health, 1981

Box 104

Folder 2

File, 1987

Box 104

Folder 3

General Papers, 1922-1990

Box 104

Folder 4

General Papers, 1986-1993

Box 104

Folder 5

Harper's Magazine, 1967

Box 104

Folder 6

Hidelbrand Roger H., 1987

Box 104

Folder 7

Hobbs, Memo, 1983

Box 104

Folder 8

House Lease, 1991-1992

Box 104

Folder 9

Income Tax, 1961

Box 104

Folder 10

Income Tax, 1970

Box 104

Folder 11

IAU, 1980-1981

Box 104

Folder 12

IAU, 1982-1983

Box 104

Folder 13

IAU, Commissions 45, 1983

Box 104

Folder 14

IAU, Commissions 45, 1977-1982

Box 104

Folder 15

Herschel Medal, 1983

Box 104

Folder 16

Journal Fragments, 1962

Box 104

Folder 17

Journal Pocket Notes, undated

Box 104

Folder 18

KPNO Newsletter, 1980-1983

Box 105

Folder 1

Letter to Aizenman, 1980

Box 105

Folder 2

Letter to Bryce Crawford, with Enclosures, 1985

Box 105

Folder 3

Loebb Anthony J., Movie, 1973

Box 105

Folder 4

Looking Inwards, May 7, The Presence of God; May 14; The Pursuit of God, May 21, 1972

Box 105

Folder 5

Mail to Answer, 1985-1987

Box 105

Folder 6

Mail, 1983-1986

Box 105

Folder 7

Mastercard, Fenruary, 1988

Box 105

Folder 8

Maupassant, Contes de Guerres, with Vocabulary, 1916

Box 105
Folder 9
Memorial List for Helen B. Morgan, 1963

Box 105
Folder 10
Mihalas Dimitri, Journal Excerpts, 1983-1987

Box 105
Folder 11
Mihalas Dimitri, Poetry, 1989

Box 105
Folder 12
Mihalas Writings, undated

Box 105
Folder 13
Miscellaneous, 1974-1982

Box 105
Folder 14
Miscellaneous, 1975-1983

Box 105
Folder 15
Miscellaneous, A-M, 1981-1982

Box 105
Folder 16
Miscellaneous, M-Z, 1981-1982

Box 105
Folder 17
Miscellaneous, N-Z, 1983

Box 105
Folder 18
MKK Atlas Booklet, 1943

Box 106
Folder 1
The MK Process, 1985

Box 106
Folder 2
Morgan W.W., Funeral Program, 1994

Box 106
Folder 3
Morgan W.W., Obituaries, 1994

Box 106
Folder 4
Morgan W.W., Reemployment, 1958

Box 106
Folder 5
Morgan W.W., Spectra TV, undated

Box 106

Folder 6

The New Yorker, July 27th, 1963

Box 106

Folder 7

North Coast Indian Calendar, 1973

Box 106

Folder 8

NSF, National Medal of Science, 1976-1979

Box 106

Folder 9

Observatory Photos, undated

Box 106

Folder 10

Our Church Work, 1975

Box 106

Folder 11

Papers, 1985-1986

Box 106

Folder 12

PASP, Picture, 1989

Box 106

Folder 13

Photo Envelope, 1944

Box 106

Folder 14

Preface to the Complete poems of Carl Sandburg, undated

Box 106

Folder 15

Pontifical Academy, Photos, 1970

Box 106

Folder 16

Pontifical Academy, Newspapers Clippings, 1964

Box 106

Folder 17

Quadrangle Club Membership, 1975-1978

Box 106

Folder 18

Quadrangle Club, 1978-1980

Box 106

Folder 19

Retirement Dinner, 1974

Box 106

Folder 20

Roach Franklin, 1987

Box 106

Folder 21

Stromgren Bengt, Death, 1987

Box 106

Folder 22

Sky Maps, 1985-1986

Box 106

Folder 23

Tapscott J., Memorial, 1978

Box 106

Folder 24

Tapscott J., 1970-1980

Box 106

Folder 25

Telephone Conversations, 1974-1975

Box 107

Folder 1

Sandage Allan, Pontifical Academy, Medal of Gold Attribution, pope Pius XI, 1966

Box 107

Folder 2

The Listening Service, Grant Proposal, 1979

Box 107

Folder 3

Townes Charles H., "Science and Religion", 1966

Box 107

Folder 4

Townes Charles H., "Science and Religion", 1966

Box 107

Folder 5

To Mr. Morgan, 1960

Box 107

Folder 6

Trustee's Dinner, 1974

Box 107

Folder 7

Type A, undated

Box 107

Folder 8

United Church of Christ, Membership List, 1975

Box 107

Folder 9

Universidad Mariana de Cordoba, Honorary Degree, 1971

Box 107

Folder 10

University of Wisconsin - Madison, Commencement Program, 1992

Box 107

Folder 11

University of Wisconsin - Madison, Honorary Degree Album, 1991-1992

Box 107

Folder 12

van Biesbrock, Biography, undated

Box 107

Folder 13

Washington, Hotel Prices, 1983

Box 107

Folder 14

Walterman Alan T. Award, 1985

Box 107

Folder 15

Weaving, undated

Box 107

Folder 16

Wheeler J.A., "The Universe as a Home for Man", 1987

Box 107

Folder 17

Wheeler J.A., Arrow of Time, 1975

Box 107

Folder 18

Wheeler J.A., Manuscript, 1966

Box 107

Folder 19

Wisconsin Rotary Club, Certificate, 1984

Box 107

Folder 20

Yale University, Honorary Degree, 1978

Box 107

Folder 21

Yearbook of Walworth County, Wisconsin, 1947

Box 107

Folder 22

Yerkes Observatory, Postcards, undated

Box 107

Folder 23

50th Anniversary Reception Guestbook, 1976

Box 107

Folder 24

50th Anniversary, Adler Planetarium, Certificate, 1980

Box 108

Pontifical Academy, Pontifical Academician, Medallion, 1967

Series VIII: Photographs

It is likely that most of these photos were taken by Morgan. The series also contains some files of older photographic portraits of other Yerkes astronomers, as well as other early Yerkes

memorabilia. Most of the photography is artistic and was kept in no particular order. This series shows the amazing work of an unknown photographer.

Subseries 1: Photographs

Box 109

Folder 1

Album 1, 1934-1953

Box 109

Folder 2

Album 2, 1940

Box 109

Folder 3

Astronomer's Portraits, 1915-1930

Box 109

Folder 4

Arrangements (Some May Day), 1981

Box 109

Folder 5

Barnard E.E., Photos, undated

Box 109

Folder 6

Carmella, undated

Box 109

Folder 7

Crawford Photos, undated

Box 109

Folder 8

Emily and van Biesbrock Kids, n.d

Box 109

Folder 9

Fall, undated

Box 109

Folder 10

Flowers (Multiple), 1977-1980

Box 110

Folder 1

Flowers, 1977-1981

Box 110

Folder 2

Front Walk from Window, undated

Box 110

Folder 3

Frost Family, undated

Box 110

Folder 4

Group Photos, 1922

Box 110

Folder 5

Helen Barrett and W.W. Morgan, circa 1926

Box 110

Folder 6

Leaves, undated

Box 110

Folder 7

McCuskey, 1970

Box 110

Folder 8

McDonald Observatory, 50th Anniversary Photo, 1989

Box 110

Folder 9

Miscellaneous Photos, undated

Box 110

Folder 10

Morgan W.W. Photography, 1933-1934

Box 110

Folder 11

Morgan W.W. Photography, 1985

Box 110

Folder 12

Morgan W.W. Photography, undated

Box 111

Folder 1

Morgan W.W. Photography, undated

Box 111

Folder 2

Morgan W.W. Photography, undated

Box 111

Folder 3

Morgan W.W. Photography, undated

Box 111

Folder 4

Morgan W.W., Portraits, 1935-1971

Box 111

Folder 5

Morgan W.W., Portraits, 1956

Box 111

Folder 6

Mostly Trees, undated

Box 111

Folder 7

Old Yerkes, undated

Box 111

Folder 8

Photo Mailer, undated

Box 111

Folder 9

Scrapbook, 1947-1951

Box 111

Folder 10

Scrapbook, undated

Box 111

Folder 11

Tapscott J., 1965

Box 111

Folder 12

Tracks, Ice, 1979

Box 111

Folder 13

van Biesbrock, undated

Box 111

Folder 14

Wedge Scales, undated

Box 111

Folder 15

Yerkes Observatory, 1919-1949

Subseries 2: Negatives

Box 112

Folder 1

At the U of C, 1922

Box 112

Folder 2

Collection Negatives, undated

Box 112

Folder 3

Nine Pictures in Ohio, 1914

Box 112

Folder 4

Negatives, undated

Box 112

Folder 5

Negatives 1, undated

Box 112

Folder 6

Negatives 2, undated

Box 112

Folder 7

Negatives 3, undated

Series IX: Oversize

Box 113

Folder 1

Blaau, Star Maps, undated

Box 113

Folder 2

Astronomer's Portraits, undated

Box 113

Folder 3

Telescope Scrapbook, undated

Box 113

Folder 4

Morgan W.W., Portraits, undated

Box 113

Folder 5

Staff Picture, 1986

Box 114

Folder 1

Tables and Graphics, undated

Box 114

Folder 2

Pontifical Academy, Diploma, undated

Box 114

Folder 3

W.W. Morgan Photography, undated

Series X: Restricted

Box 115

Folder 1

Agnes Drabek Social Security, 1969, R-50

Box 115

Folder 2

Agnes Drabek Social Security Correction, 1973, R-50

Box 115

Folder 3

Astronomy 411, Spectral Classification, Winter, 1968, R-80

Box 115

Folder 4

Carl Sagan, Grades and PhD. Examn, R-80

Box 115

Folder 5

Code's Master's Thesis, Grades, 1947 R-80

Box 115

Folder 6

Correspondence, 1969-1990 R-80

Box 115

Folder 7

Correspondence, W-X-Y-Z, 1948-1952 R-80

Box 115

Folder 8

Crewe A.V., Dean, 1974-1980 R-80

Box 115

Folder 9

E.D.S (General Motors), July, 1985, R-50

Box 115

Folder 10

Elan Financial Services Correspondence, 1985, R-50

Box 115

Folder 11

Gallagher J.S., 1977-1983 R-50

Box 115

Folder 12

Income Tax, 1962, R-50

Box 115

Folder 13

Income Tax, 1963, R-50

Box 115

Folder 14

Income Tax Papers, 1965, R-50

Box 115

Folder 15

Lakeland Hospital, 1987 R-50

Box 115

Folder 16

NSF - AST-8007988, Budget, 1980-1983 R-50

Box 115

Folder 17

NSF - AST 80-07988, Final Report, Nov. 1, 1980 - Apr. 30, 1983, R-50

Box 115

Folder 18

Papers, 1978-1989 R-50

Box 115

Folder 19

Qualifying Exams Answers, May, 1972 R-50

Box 116

Folder 1

Sapida A.C., M.D., 1989, R-50

Box 116

Folder 2

Scientific American, 1988, R-50

Box 116

Folder 3

Taxes & Budgets, 1956-1963, R-50

Box 116

Folder 4

Tax Receipt Envelope Budget Book, 1956-1960, R-50

Box 116

Folder 5

The Astrophysical Journal Report of Referee, 1974-1982, R-50

Box 116

Folder 6

W.W. Morgan, Testament, 1986 R-50

Box 116

Folder 7-8

White Richard, Letters of Recommendation, 1973-1980 R-80