

# Guide to the Department of Astronomy, Yale University, Records

RU 274



compiled by Manuscripts and Archives Staff

February 1986

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## Collection Overview

**REPOSITORY:** Manuscripts and Archives  
Yale University Library  
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**CALL NUMBER:** RU 274

**CREATOR:** Yale University. Department of Astronomy

**TITLE:** Department of Astronomy, Yale University, records

**DATES:** 1848-2013

**PHYSICAL DESCRIPTION:** 82 linear feet (193 boxes)

**LANGUAGE:** English

**SUMMARY:** The records consist of correspondence, observation books, memoranda, and research notes documenting the activities and operations of the Yale Department of Astronomy. Included are subject files maintained by the directors of the Yale Observatory.

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b.      box  
f.      folder

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## Administrative Information

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### Conditions Governing Access

The materials are partially restricted. See Collection Contents for details.

## **Preferred Citation**

Department of Astronomy, Yale University, Records (RU 274). Manuscripts and Archives, Yale University Library.

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## **Existence and Location of Copies**

The papers of Frank Schlesinger from both Yale University and the University of Pittsburgh are available on microfilm (Film MISC 978).

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## **Scope and Contents**

The records consist of correspondence, observation books, memoranda, and research notes documenting the activities and operations of the Yale Department of Astronomy. Included are subject files maintained by the directors of the Yale Observatory.

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## **General note**

Forms part of Yale Record Group 14-B (YRG 14-B), Records of academic departments and programs of the Yale Faculty of Arts and Sciences.

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## **Arrangement**

The records are arranged as follows: I. Hubert Anson Newton, ca. 1860-1929. II. William Lewis Elkin, ca. 1883-1935. III. Ernest William Brown, 1880-1939. IV. Frank Schlesinger, 1915-1952. V. Dirk Brouwer, 1939-1967. VI. Astronomical Journal, 1941-1969. VII. Association of Universities for Research in Astronomy (AURA), 1965-1972. VIII. Research Data, 1874-1962. IX. Financial Records, 1882-1959; and subsequent accessions.

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## Collection Contents

### Accession 1977-A-001: Records, 1860-1972

The materials are open for research.

	I. Hubert Anson Newton	1800's-1929
	Correspondence	
b. 1, f. 1	1860-1865	1860-1865
b. 1, f. 2	1866	1866
b. 1, f. 3-4	1867	1867
b. 1, f. 5-7	1868	1868
b. 1, f. 8-9	1869	1869
b. 1, f. 10	1870	1870
b. 1, f. 11	1880-1886	1880-1886
b. 1, f. 12	1890-1894	1890-1894
b. 1, f. 13	1895-1896	1895-1896
b. 1, f. 14	undated	undated
b. 2, f. 15	Business letters - meteorites, A-M	1875-1895
b. 2, f. 16	Business letters - meteorites, N-Z	1882-1895
b. 2, f. 17	Letter to Newton's daughter inquiring about his correspondence with Adolphe Quetelet.	1929
b. 2, f. 18	Index [Catalog - shooting stars and allied subjects]	
b. 2, f. 19	[1] 1866 Nov Meteors; Smithsonian tracks	
b. 2, f. 20	[2] Detonating meteors	
b. 2, f. 21	[3] 1866 Mar 27	
b. 2, f. 22	[4] 1894 Dec 15	
b. 2, f. 23	[5] 1893 Jan 13	
b. 2, f. 24	[6] 1893 Dec 20	
b. 3, f. 25	[7] Meteors on the morning of Saturday	1868 November 14,
b. 3, f. 26	[8, 9] Newspaper articles on meteor observations	1860
b. 4, f. 27	[10] Draft of discussion of observation of meteors giving their path	1492-1805

## I. Hubert Anson Newton &gt; Index [Catalog - shooting stars and allied subjects] (continued)

b. 4, f. 28	[11] 1511 Sep 4 Crema, Italy - stonefall represented in Madonna di Foligno.
b. 4, f. 29	[12] 1868 Nov 13-14 meteor records
b. 4, f. 30	[13] 1875 Feb 12 mem. by Irish; mem. by Leonard
b. 4, f. 31	[14] 1887 Sep 15
b. 4, f. 32	[15] 1821 Jun 21
b. 4, f. 33	[16] 1869 May 5
b. 4, f. 34	[17] 1869 Jan 1; 1876 Jun 28; 1884 May 20
b. 4, f. 35	[18] 1864 May 14
b. 4, f. 36	[19] 1868 Feb 29; 1883 Feb 16
b. 4, f. 37	[20] 1808 Sep 3; 1868 Jan 30
b. 4, f. 38	[21] Stonefalls, 1492 - 1815 [missing as of 2008 Apr 9]
b. 4, f. 39	[22] Stonefalls, 1819 Jun 13 - 1851 Nov 5
b. 4, f. 40	[23] Detonating meteors, 1676 Mar 31 - 1889 May 8
b. 4, f. 41	[24] Stonefalls, 1852 Dec 2 - 1868 Oct 1
b. 4, f. 42	[25] Stonefalls, 1868 Sep 7 - 1885 Nov 27
b. 4, f. 43	[26] 1886 Sep 6 in N. Hamp. and Vt., USA
b. 4, f. 44	[27] 1856 Aug 17
b. 4, f. 45	[28] 1886 Aug, Sep 9, Sep 14, Nov 4
b. 4, f. 46	[29] Directions for observers [folder empty]
b. 4, f. 47	[30] 1848 May 20, Cartine, ME., USA
b. 4, f. 48	[31] 1814 Sep 5 - Agen.
b. 4, f. 49	[32] List of American meteorites - 1828 Jun 4; 1839 Feb 13; 1859 Aug 11
b. 4, f. 50	[33] 1788 Oct - 1895 Aug; paper on Biela meteors
b. 4, f. 51	[34] 1788 Oct 17 - 1896 May 7
b. 4, f. 52	[35] 1812 Apr 10
b. 4, f. 53	[36] 1878 Jul 15; 1882 Aug 2
b. 4, f. 54	[37] 1838 Jul 22; 1859 May; 1871 spring; 1874 May 20
b. 4, f. 55	[38] 1877 May 17
b. 4, f. 56	[39] 1820 Jul 12; 1840 May 9
b. 4, f. 57	[40] 1492 Nov 7; 1751 May 26

## I. Hubert Anson Newton &gt; Index [Catalog - shooting stars and allied subjects] (continued)

b. 4, f. 58	[41] 1850 Nov 30	
b. 4, f. 59	[42] 1803 Apr 26; 1803 Oct 8; 1810 Nov 23; 1815 Oct 3; 1831 May 13 (July 18)	
b. 4, f. 60	[43] Etoiles filantes (mem.) Haidinger 1863 Aug (mem.) Quetelet 1872 Jul 23	
b. 4, f. 61	[44] 1889 Jan 25	
b. 4, f. 62	[45] 1883 Feb 27	
b. 4, f. 63	[46] 1894 Jul 27	
b. 4, f. 64	[47] 1822 Mar 9; 1837 Dec 14; 1838 May 18	
b. 4, f. 65	[48] 1807 Dec 14	
b. 4, f. 66	[49] 1837 Dec 14; 1845 Aug 25	
b. 5, f. 67	[50] 1890 May 2	
b. 5, f. 68	[51] 1887 Jan 3	
b. 5, f. 69	[52] 1888 Aug 22 (19)?	
b. 5, f. 70	[53] 1885 Nov 27	
b. 5, f. 71	[54] 1892 Aug 29	
b. 5, f. 72	[55] 1889 Feb 7	
b. 5, f. 73	[56] 1891 Feb 23	
b. 5, f. 74	[57] 1893 Aug 9	
b. 5, f. 75	[58] 1894 Jan 20	
b. 6, f. 76-77	[59] Iowa meteorite controversy, 1890 May 2	
b. 6, f. 78-79	[60] List of meteors	
b. 6, f. 80	[61] 1861 Nov 13; 1863 Aug 8-9, 9-10, 10-11; 1864 Aug	
b. 6, f. 81	[62] 1879 May 10	
b. 6, f. 82	[63] 1887 Nov 29; 1889 Dec 1; 1892 Jul 29; 1894 May 27; 1894 Aug 9-11; 1895 Jul 25	
b. 6, f. 83	[64] 1832 Nov 24; 1846 Jul 13; 1859 Aug 17; 1860 Aug 2; 1861 Jan 11; 1865 Jul 20	
b. 6, f. 84	[65,66,67] Meteor records, 1863-1867	
b. 6, f. 85-86	[68] 1876 Dec 19; 1876 Dec 21; 1877 Jan 23	
b. 7, f. 87	[69] Meteor observations	1863-1876
b. 7, f. 88	[70] Meteor observations	1833-1896

## I. Hubert Anson Newton &gt; Index [Catalog - shooting stars and allied subjects] (continued)

b. 8, f. 89	[71, 72] Meteor observations, 1676 Mar 31 - 1886 Nov 28	
b. 9, f. 90	[73] Meteor observations 1807 Dec 14 - 1894 Dec 15	
b. 9, f. 91-92	[74] Meteor observations 1889 Jul-Aug	
b. 9, f. 93-94	[76] Letters about meteors - 1764 Jul 20; 1807 Dec 14; 1858-1868; 1867 Nov Ms.	
b. 9, f. 95	<a href="#">[77] Meteor path determination introduction</a>	
b. 9, f. 96	[78] Biela's comet, 1872 Nov 24-30	
b. 10, f. 97	[79] Meteor observations 1676-1893	
b. 11, f. 98	[80] Dates of (suspected) detonating meteors AD34-1893	
b. 11, f. 99	[81] November meteors, discussion (clipping dated Nov 1892)	
b. 11, f. 100	[82] Letters on observation of meteors	1788, 1807, 1829, 1837, 1860-1896
b. 11, f. 101	<a href="#">[83] 1807 Dec 14 Misc. Disc. and Comp. undated</a>	
b. 11, f. 102	[84] Miscellaneous memoranda	
b. 11, f. 103	[85] References to Working Book (No, 79); Ref. to book p.35 not found	
b. 11, f. 104	[86] References	
b. 11, f. 105	[87] Undated meteors - Comp.	
b. 12, f. 106	[88] Miscellaneous computations	
b. 12, f. 107	[89] Miscellaneous not specific meteors	
b. 12, f. 108	[90] Suggestions for observing meteors	
b. 12, f. 109	[91] Meteors without certain date	
b. 12, f. 110	[92] Miscellaneous - articles and discussions	
b. 12, f. 111-112	[93] Capture of comets	
b. 12, f. 113	Observations of (detonating?) meteors, 1676-1861. Presented by the family of the late Professor H.A. Newton, 1914.	
b. 12, f. 114	Meteors: Jul 18, 1889	
b. 12, f. 115	Shooting stars: Jul 18, 1889	
b. 12, f. 116	Shooting stars: Jul 25, 1889	
b. 12, f. 117	H.A. Newton articles: "The Biela Meteors of Nov 27, 1885"; "Fireball of Jan 13, 1893"; "On the effect upon the earth's velocity produced by small bodies passing near the earth."	



## I. Hubert Anson Newton &gt; Index [Catalog - shooting stars and allied subjects] (continued)

b. 12, f. 118	["May be a piece of glass from the old Laboratory which was in existence from 1782-1888 on the Old Campus. This is similar to a piece of the Yale fence, a brick from Brick Row, etc. Checked by Dorrit Hoffleit, Astronomy Dept, 12/83"]	
b. 12, f. 119	Information about collection: memo on papers of H.A. Newton.	
b. 13, f. 120	Notes on meteors	1583-1893
b. 13, f. 121	Two short biographies of Newton by his niece, Maria Williams, and J.W. Gibbs	
II. William Lewis Elkin		1883-1935
Correspondence		
b. 14, f. 1	From Sir David and Lady Gill	1883-1890
b. 14, f. 2	To Sir David Gill	1884-1895
b. 14, f. 3	Miscellaneous	1912-1935
Manuscripts		
b. 14, f. 4	Report on the progress of photographing	1894(?)
b. 14, f. 5	"The Velocity of Meteors as deduced from photographs at the Yale Observatory"	undated
b. 14, f. 6	undated	undated
b. 14, f. 7	Manuscript and reprint, "Results of the Photographic Observations of the Leonids, November 14-15, 1898, at the Yale Observatory"	
b. 14, f. 8	Reprint, "On the Relative Refrangibility of the light of Mars and Stars" <i>Astronomical Journal</i> X no. 13	1890
Research notes		
b. 14, f. 9	1898-1905	1898-1905
b. 14, f. 10	Transit Factors A and B for $l=41^{\circ} 19'.4$	
b. 14, f. 11	Heliometer Observations of Cluster 4681 HGC	1900-1901
b. 14, f. 12	Star places and Heliometer Settings of Cluster 4681 HGG Triangulation	
b. 14, f. 13	Aberration Tables	
b. 14, f. 14	Tables of: zenith distance (to $75^{\circ}$ only)	
b. 14, f. 14	Tables of: $q$ paralactic angle	
b. 14, f. 14	Tables of: $a$ azimuth (for latitude $41^{\circ}.32$ )	
b. 14, f. 15	Emker Tables for Long. and Lat. into Right Ascension and Declination and vice versa - for $E=23^{\circ}27'$	
b. 14, f. 16	Division Errors of Scales	1888

## II. William Lewis Elkin &gt; Research notes (continued)

b. 14, f. 17	Investigation of Micrometer Screw	
b. 14, f. 18	Heliometer Obs. for Screw Error	
b. 14, f. 19	Position Circle	1886
b. 14, f. 20	1909	1909
b. 15, f. 21	Perseids	1875-1899
b. 15, f. 22	1898-1909	1898-1909
b. 15, f. 23	W. Herschel's gauges (copied by Elkin). Show to Dr. Shapley	
b. 15, f. 24	1899-1902	1899-1902
b. 15, f. 25	undated	undated
b. 15, f. 26	Lemids	1898, 1901
b. 15, f. 27	Geminids	1893
b. 15, f. 28	A I, III-VII	1897-1899, 1905
b. 15, f. 29	G1	1898
b. 15, f. 30	Lw I, II, XII-XVIII; L XVII	1898-1904
b. 15, f. 31	N V-X	1898-1901
b. 15, f. 32	OI	1897
b. 16, f. 33	P I-VIII	1893-?
b. 16, f. 34	P IX XVI, XX-XXI	
b. 16, f. 35	Y	1899
b. 16, f. 36-37	U.T., W, Y	1902
b. 16, f. 38	1900-1901	1900-1901
b. 16, f. 39	Notebook: Meteor Trails on Plates	1893-1909
b. 16, f. 40	Notebook: Meteor Formulae	
b. 16, f. 41	Meteor obs. Maps	1902(?)
b. 16, f. 42	Comparison stars for First Magnitude Parallaxes	1875-1891
b. 16, f. 43	Heliometer observations	
III. Ernest William Brown		1880-1939
Correspondence		
b. 17, f. 1	Cowell, P.H. - Royal Observatory, Nautical Almanac Office	1903-1919
b. 17, f. 2	Miscellaneous	1921, undated

## III. Ernest William Brown &gt; Correspondence (continued)

b. 17, f. 3	Re: publication and distribution of Brown's work "Tables of the Motion of the Moon"	1912-1920
b. 17, f. 4	Re: Receipt of Brown's work "Tables of the Motion of the Moon"	1920
b. 17, f. 5	Solar eclipse, 1925 (photos included)	
b. 17, f. 6	Yale University	1917-1927
Research notes		
b. 17, f. 7	Publication notes for "Tables of the Motion of the Moon"	1913
b. 17, f. 8	J.8. - earlier work by D.D.	undated
b. 17, f. 9	J.8. - 20 terms, numerical work	undated
b. 17, f. 10	Work by C.H.D.	1923-1929
b. 18, f. 11	First Trans Flat	undated
b. 18, f. 12	CR, tables	undated
b. 18, f. 13	undated	undated
b. 18, f. 14	Longitude R 4	undated
b. 18, f. 15	R 1 check	undated
b. 18, f. 16	SR 1	1918
b. 18, f. 17	2D +I', Hanseman Plan (2), Also interpolated to Long Cycle Plan, S 17 (18 h)	1909
b. 18, f. 18	Long Cycle Plan, S 18 and S 19 (14 h)	1909
b. 18, f. 19-21	1911, 1916, 1917	1911, 1916, 1917
b. 18, f. 22	R 1 tables	1918
b. 18, f. 23	R o tables	1912
b. 19, f. 24	Right Ascension and Declination (Tables for Transformation to) and Auxiliary	1916
b. 19, f. 25	S 1 Longitude, Prep. for Prints from 7-14 incl.	undated
b. 19, f. 26	1910	1910
b. 19, f. 27	Terms in D, 3D, 4D, 5D, 6D - Long Cycle Plan S 2' (51 h)	undated
b. 19, f. 28	2D Long Cycle Plan, S 2 (44 h)	undated
b. 19, f. 29	Term in 2D-I (Long.) Long Cycle Plan S 3 (100h)	undated
b. 19, f. 30	4D - 2I.	
b. 19, f. 31	2D + I Long Cycle Plan, S 4 (21 h)	1909
b. 19, f. 32	Term in I' (To every 0.d 1) S 5 (28 h)	undated

## III. Ernest William Brown &gt; Research notes (continued)

b. 19, f. 33	2D - I', S 6 (21 h) Hansemia Plan	1909
b. 19, f. 34	2I - 2D, Long Cycle Plan, S 7 (23 h)	1909
b. 19, f. 35	2D - I - I', Hansemian Plan (4), S 8 (27 h) Also interpolated to long cycle plan	1909
b. 19, f. 36	I + I', Hansemian plan (5), S 9 (20 h), also interpolated to long cycle plan	1909
b. 19, f. 37	Term I, interpolation of Hansemian plan (6) Long cycle plan in cols. complete, S 10 (22h) (not including interpolation to the long cycle plan	undated
b. 19, f. 38	2F, Long cycle plan, S 11 (39h)	
b. 19, f. 39	2F, Long cycle plan, S 12 (26 h)	undated
b. 19, f. 40	Long cycle plan, S 13 (15 h)	undated
b. 19, f. 41	2F - I, Hansemia Plan (8), S 14 (7 h) not interp. to exact date, also interpolated to Long cycle plan	1909
b. 19, f. 42	4D - I, Hansemian plan (1), S 15 (25 h), also interpolated to Long cycle plan	undated
b. 19, f. 43	2D - I + I', Hansemia plan (3), S 16 (16 1/2), 1909. Now complete	April 8, 1911
b. 19, f. 44	4 extra S tables: 2F + 2D S 20, 2F + 2D - I S 21, 2F + 2I S 22, I + 4D S 23	
b. 19, f. 45	Parallax	1914
b. 19, f. 46	Longitude S.E., 2D - I', Table 23L	undated
b. 20, f. 47	S 17, Longitude S.E., 2D + I', pp. 95-97	undated
b. 20, f. 48	25L, S 9, Longitude S.E., I + I', pp. 98-104	undated
b. 20, f. 49	S 10, Longitude S.E., I - I', pp1 105-109	undated
b. 20, f. 50	S 8, Longitude S.E., 2D - I - I', pp. 110-118 27L	undated
b. 20, f. 51	28L, Longitude S.E., pp. 119-120	undated
b. 20, f. 52	S 16' Longitude S.E., 2D - I + I', pp. 121-127, 296	undated
b. 20, f. 53	J.8., K-sheets, Triple harmonic analysis for $\hat{I}$ , terms in node	undated
b. 20, f. 54-58	1913-1914	1913-1914
b. 21, f. 59	d, Part I, I - D	
b. 21, f. 60	Micrometer Screw of the Scales, Micrometer-Division Error of Scales	1886-1887
b. 21, f. 61	Moon's Longitude	undated
b. 21, f. 62	Latitude	undated
b. 21, f. 63	1914	1914
b. 21, f. 64	Interpolation to 12th	1917-1918

## III. Ernest William Brown &gt; Research notes (continued)

b. 21, f. 65	"Chapter IX Construction and Continuation of the Tables p39 to p49 of Sect. VI"	undated
b. 21, f. 66	Changes in constants and arguments	undated
b. 21, f. 67	Constants	undated
b. 21, f. 68	Errata	1917
b. 21, f. 69	Tables	undated
b. 21, f. 70	"Odds and Ends"	
b. 21, f. 71	1904	1904
b. 21, f. 72-73	Latitude	undated
b. 21, f. 74	Earth's and Moon's motion [and correspondence]	1903-1907
b. 22, f. 75-76	"Section II: Analysis of the Errors"	
b. 22, f. 77	Tables prep for printer	January 1915
b. 22, f. 78	S 3, Longitude S.E., 2D - I 32L, prep for for printer	January 20-29, 1915
b. 22, f. 79	S 2', Longitude S.E., D, 3D, 4D, 5D, 6D, prep for printer	February 20-25
b. 22, f. 80	S 7, Longitude S.E., 2 I - 2D, 34L, prep for printer	February 25 - March 1, 1915
b. 22, f. 81	Longitude, prep for printer	March 1-3, 1915
b. 22, f. 82	S 3', Longitude S.E., 4D - 2I, 36L, prep for printer	March 4/one day, 1915
b. 22, f. 83	S 15, Longitude S.E., 4D - I, 37L, prep for printer	March 5-9, 1915
b. 22, f. 84	S 18, Longitude S.E., 30L, prep for printer	March 9-12, 1915
b. 22, f. 85	S 23, Longitude S.E., I + 4D, 39L., prep for printer	undated
b. 22, f. 86	S 11 Longitude S.E., 2F, 40L, prep for printer	December 16-19, 1914
b. 22, f. 87	S 12, Longitude S.E., 2F - 2D, 41L, prep for printer	December 21-28, 1914
b. 22, f. 88	S 14, Longitude, S.E., 2F - I, prep for printer	December 28-31, 1914
b. 22, f. 89	S 13, Longitude S.E., I + 2F, 43L, prep for printer	January 4, 1915
b. 22, f. 90	S 20, Longitude S, E., 2F + 2D, 44L, prep for printer	January 5, 1915
b. 22, f. 91	S 21, Longitude, S.E., 2F + 2D - I, 45L, prep for printer	January 6, 1915
b. 22, f. 92	S 22, Longitude S.E., 2 I + 2F, also prep for printer	January 6, 1915

## III. Ernest William Brown &gt; Research notes (continued)

b. 22, f. 93	S 5, Longitude S.E., l' 3e', 47L fin prep for printer	April 23, 1915
b. 22, f. 94	Preparation for review of single subj. terms in new plan and other things not needed now	(1912)
b. 23, f. 95	18h, work on tables, no longer needed	1912
b. 23, f. 96	Single Entry Tables, checks	undated
b. 23, f. 97	Verification of D.E. Tables (E.W.B.)	1910
b. 23, f. 98	Verification - Double Entry Tables - Longitude, Latitude Parallax	undated
b. 23, f. 99	Longitude and Latitude Tables	undated
b. 23, f. 100	SD 1 Latitude	undated
b. 23, f. 101	Longitude D.E. 48L	undated
b. 23, f. 102	Longitude, Double Entry Table in 56 + 2F + l, Table 49 Longitude, Last of Sect. III	undated
b. 23, f. 103	Longitude terms	undated
b. 23, f. 104	Parallax	undated
b. 23, f. 105	D 6	undated
b. 23, f. 106	D 7 parallax	undated
b. 23, f. 107	D 8	undated
b. 23, f. 108	D 9 parallax	undated
b. 23, f. 109	D 10 parallax	undated
b. 23, f. 110	Longitude S.E. (?)	undated
b. 23, f. 111	undated	undated
b. 24, f. 112	1912	1912
b. 24, f. 113	undated	undated
b. 24, f. 114	CD 2 - CD 10	undated
b. 24, f. 115	D 1	undated
b. 24, f. 116	D 3	undated
b. 24, f. 117	D 4	undated
b. 24, f. 118-119	Difference sheets - Lunar Tables	undated
b. 24, f. 120	A 2 l' Part I	undated
b. 24, f. 121	A 1 Part II	undated
b. 25, f. 122	Latitude - Two Single Entry Tables in S. 2F - 2l - 2D and 2F + l and 2D + l' 17/18 Lat	undated

## III. Ernest William Brown &gt; Research notes (continued)

b. 25, f. 123	Latitude - Corrected for $l'$ (1 - 1/803.6) Prep. for printer	April 24, 26, 1915
b. 25, f. 124	Latitude S.E., 20 1at. to be corrected	undated
b. 25, f. 125-126	Prep. for printer	April 29-May 3, 1915, May 4, 1915
b. 25, f. 127	4D - F - L N 4 Latitude	undated
b. 25, f. 128	F - L N 5 Latitude - Prep. for printer	May 6, 1915
b. 25, f. 129	F + l - 2D N3 Latitude - Prep. for printer	May 7, 1915
b. 25, f. 130	2D - F + l N 6 Latitude - Prep. for printer	May 10-11, 1915
b. 25, f. 131	2L - F N 7 Latitude - Prep for printer	May 11-12, 1915
b. 25, f. 132	2 l + 2D - F N 8 Latitude, Prep for printer	May 12, 1915
b. 25, f. 133	Double entry table in N (Latitude) 29 Lat Arg. $\emptyset, l \emptyset = F - 2D + l6 + 1.u \ 4 + c - 9.u$ 7-0.u l0t c	undated
b. 25, f. 134	Nda 30 w 1+i(v-t)	undated
b. 25, f. 135	Ndb	undated
b. 25, f. 136	Ndc 32, Latitude D.E. in N. 2D-F+l (V-T)	undated
b. 25, f. 137	CD 1, Latitude D.E. l	undated
b. 25, f. 138	SD 11 Interpolated Oct. 1913, Excrm. Interpolation Dec. 1-2, 1913, Prep. for printer.	December 2-5, 1913
b. 25, f. 139	SD 12 Prep, for printer	December 4, 1913
b. 25, f. 140	Latitude - 2 terms in S applied as additional to arg. 19 in Table 15 of Latitude (2F-l+l')	undated
b. 25, f. 141	SD 13 Latitude D.E. 2F-L 15S, Prep. for printer	December 4-6, 1913
b. 25, f. 142	SD 14 Prep. for printer	December 6, 1913
b. 25, f. 143	d5 2l + l' V arranged in final column Computed Jan 29, 1910 to Feb 16 Total time = 16 days	
b. 25, f. 144	d 6 2l - l'	undated
b. 25, f. 145	d 7 l + 2 l' VII	
b. 25, f. 146	d 8 -l + 2 l' + D =	undated
b. 25, f. 147	d 9 3l + l check for only 0° to 9° of p.	
b. 25, f. 148	d 10 3l - l' - 3D	undated
b. 25, f. 149	d 11 2F-2D=	undated

## III. Ernest William Brown &gt; Research notes (continued)

b. 25, f. 150	d 12 2F+I-3D	undated
b. 26, f. 151	Tables	undated
b. 26, f. 152	d'13 and d 13 2F-I d'13 is to be used instead of d 13. The term taken out to form d'13 is in a single table	undated
b. 26, f. 153	d'14 and d 14 (not to be used) 2F+2I	undated
b. 26, f. 154	d 15 2F-2I	undated
b. 26, f. 155	d 16 2F-I'	undated
b. 26, f. 156	d 17 2F-I' Result <i>not</i> taken to safe in June 11. Put result in folder Mar 15, 1913. #'s added May 10, 1911	
b. 26, f. 157	d 18 2F+I+I'	undated
b. 26, f. 158	d 19 2F-I-I'	undated
b. 26, f. 159	d 20 2F+I-I'	undated
b. 26, f. 160	d 21 2F-I+I'	undated
b. 26, f. 161	d 22 2F+3I	undated
b. 26, f. 162	Latitude Plan	undated
b. 26, f. 163	Latitude - Principal term, Ara S, Table 33 Latitude	undated
b. 26, f. 164	SD 16 Prelim, papers, Latitude D.E.	undated
b. 27, f. 165-170	undated	undated
b. 27, f. 171	Var. Art. Const. Methods, Reo see	December 1928
b. 27, f. 172	Occultations Miscellaneous	1933-1934
b. 27, f. 173	Data for Tables of Remainder Terms	
b. 27, f. 174	New Cal. for p series	1930-1931
b. 28, f. 175	Terms in I, 3I, 5I (Long) Long cycle plan and prelim. combined S 1 (S 1+S 1) continue with 2I 6I=S 1' and put in #1 which is not yet in any table	undated
b. 28, f. 176	undated	undated
b. 28, f. 177	Periods and preliminary work	1909
b. 28, f. 178	undated	undated
b. 28, f. 179	Useless attempts at the same m, a/a	undated
b. 28, f. 180	Working of the numerical and algebraic equations depending on m and a/a	undated
b. 28, f. 181	undated	undated
b. 28, f. 182	1 Drafts	undated



## III. Ernest William Brown &gt; Research notes (continued)

b. 28, f. 183	3	undated
b. 28, f. 184	Terms in 2l, Long cycle plan, S 1' (50h)	undated
b. 28, f. 185	undated	undated
b. 28, f. 186	Calculations of P for Rene outer series	undated
b. 28, f. 187	undated	undated
b. 28, f. 188	Functions (i, s) p=-.2, -.1, 0, .1, 2, ...2.5 s=1/2, 3/2, 5/2	undated
b. 28, f. 189	Numerical Values g (i/s) p=-.2, -.1, 0, .1, .2, ...2.5 s=1/2, 3/2, 5/2	undated
b. 28, f. 190	Interpolation	undated
b. 28, f. 191	undated	undated
b. 28, f. 192	Printed material	1925, 1937-1938
b. 28, f. 193	Occultations lists	1933
b. 29, f. 194	Occultations material	1933
b. 29, f. 195	Occultations observed	1933
b. 29, f. 196	Occultations tables A and B	1933
b. 29, f. 197	Occultation material	1933-1939
b. 29, f. 198	Occultations list	1936
b. 30, f. 199-201	Reduction of Occultation, Formulae of lunes	1929-1937
b. 31, f. 202-205	Reduction of Occultation, Formulae of lunes	1929-1937
b. 31, f. 206	Moon Tables	1913
b. 32, f. 207	Unknown periods	undated
b. 32, f. 208	Mathematical sem. Latitude {mean cos F and Sin F} Tab. Cor. us	undated
b. 32, f. 209	"The Transformation of the Moon's Latitude"	1911
b. 32, f. 210	Trans. of lat. to long. to RA and Decl., done Feb 25, 1915	undated
b. 32, f. 211	Mean latitude	undated
b. 32, f. 212	Parallax of Moon by Observation	undated
b. 32, f. 213	Periodogram	1924-1926
b. 32, f. 214	Suggestions	1917-1919
b. 32, f. 215	# Terms Tabular, Hansem and Brown	undated
b. 32, f. 216	Mean Motion and Emp. Terms Discussion Hypotheses	undated
b. 32, f. 217	Possible Forces on Moon	1912

## III. Ernest William Brown &gt; Research notes (continued)

b. 32, f. 218	Latitude {mean cos F and sin F} Obs e Cor us	undated
b. 32, f. 219	Various old stuff; Trans. frat to tables and det n of counts	undated
b. 32, f. 220	undated	undated
b. 32, f. 221	Russell moon photos	1913-1917
b. 33, f. 222	Cfn Gr-Harr Moon	1911-1917
b. 33, f. 223	Notebook	undated
b. 33, f. 224-225	undated	undated
b. 33, f. 226	Chapter V Applic.	undated
b. 33, f. 227-228	1923-1924	1923-1924
b. 33, f. 229	4th order, Lat. dev., Int. orbit	undated
b. 33, f. 230	Achilles	1923
b. 33, f. 231	D 6, Returned May 1 st, Still to be interpolated to halves	undated
Miscellaneous Papers		
b. 34, f. 232	Alg. and Trig.	undated
b. 34, f. 233	Calculation print-outs	undated
Examination Papers, Cambridge University		
b. 34, f. 234	1880-1890	1880-1890
b. 34, f. 235-236	1887-1891, 1887-1897	1887-1891, 1887-1897
b. 34, f. 237	Examination Papers, other schools	1891, 1905
b. 34, f. 238	Maps	undated
b. 34, f. 239	Photograph - American Astronomical Society	1923
b. 34, f. 240	Problem Sets (printed)	undated
Reprints		
b. 35, f. 241	A-F	1890-1935
b. 35, f. 242	G-Ma	1915-1935, undated
b. 35, f. 243	Me-Sch	1901-1937, undated
b. 35, f. 244	Si-Z	1902-1937, undated
b. 35, f. 245	Brown - 1925	

## III. Ernest William Brown &gt; Miscellaneous Papers (continued)

b. 35, f. 246	Tables	undated
	Lectures	
b. 35a, f. 247	Calculus notebook, research notes (Celestial Mechanics lectures?)	undated
b. 35a, f. 248-251	Celestial Mechanics	undated, 1907-1924.
b. 35a, f. 252	Per. Orbits (Celestial Mechanics)	1913-1914
b. 35a, f. 253	Poincaré	undated
	IV. Frank Schlesinger	1915-1952
b. 36, f. 1	Abbott, C.G.	1921-1940
b. 36, f. 2	Abetti, Giorgio	1924-1934
b. 36, f. 3	Aca-Adams, C.H.	1920-1934
b. 36, f. 4	Adams, Walter S.	1920-1942
b. 36, f. 5	Ade-Agu	1926-1941
b. 36, f. 6-8	Aitken, Robert G.	1921-1941
b. 36, f. 9	Allrecht, Sebastian	1921-1927
b. 36, f. 10-14	Alden, Harold L.	1920-1923, 1925-1928
b. 37, f. 15-25	Alden, Harold L.	1929-1942
b. 37, f. 26	Alg-All	1923-1934
b. 37, f. 27	Alter, Dinsmore	1920-1939
b. 38, f. 28	Alu-Ame	1924-1942
b. 38, f. 29	And-Arn	1920-1938
b. 38, f. 30	Art-Association	1929-1941
b. 38, f. 31	Astronomical-Astronomische	1921-1942
b. 38, f. 32	At-Auckland	1923-1940
b. 38, f. 33	Bab-Baker	1921-1938
b. 38, f. 34	Baker, Robert H.	1921-1937
b. 38, f. 35	Baker, S.-Ball	1924-1935
b. 38, f. 36	Banachiewicz, Th.	1923-1938
b. 38, f. 37	Bann-Barnard, E.E.	1919-1920
b. 38, f. 38	Barnard, E.E.	1921-1922

## IV. Frank Schlesinger (continued)

b. 38, f. 39	Barnes-Bas	1922-1934
b. 38, f. 40	Bauer-Louis E. (Carnegie Institute)	1920-1922
b. 38, f. 41	Bausch and Lomb Optical Company	1927-1933
b. 38, f. 42	Bauschi-Baxter	1921-1941
b. 38, f. 43	Bea-Bee	1920-1935
b. 38, f. 44	Beer, Arthur	1928-1941
b. 38, f. 45	Begg-Bell	1921-1935
b. 38, f. 46	Belopolsky, A.	1922
b. 38, f. 47	Bem-Benh	1926-1934
b. 38, f. 48	Bennett, Arthur L.	1931-1941
b. 38, f. 49	Bennett-Ber	1921-1941
b. 38, f. 50	Bha-Bil	1921-1942
b. 39, f. 51	Bin-Bon	1922-1942
b. 39, f. 52	Boo-Bosl	1920-1941
b. 39, f. 53	Van den Bos, W.H.	1927-1942
b. 39, f. 54-56	Boss, Benjamin	1919-1942
b. 39, f. 57	Bourgeois, P.-Bowie, William	1922-1923
b. 39, f. 58-59	Bowie, William	1924-1936
b. 39, f. 60	Bowm-Brasch, Frederick E.	
b. 39, f. 61	Bashear Company (James B. McDowell)	1920-1921
b. 39, f. 62	Bran-Brooks	1919-1942
b. 39, f. 63-64	Brouwer, Dick	1927-1928, 1933-1940
b. 39, f. 65	Brown and Sharp Company	1923-1934
b. 39, f. 66	Brown, Ernest W.	1915-1937
b. 39, f. 67	Brown, J.-Burnh	1922-1942
b. 40, f. 68	Burns, Keivin	1920-1942
b. 40, f. 69	Bursary Appointments	1935-1942
b. 40, f. 70	Burt-Bus	1922-1942
b. 40, f. 71	Cad-Campbell, Leon	1921-1933
b. 40, f. 72	Campbell, W.W.	1920-1937

## IV. Frank Schlesinger (continued)

b. 40, f. 73	Cannon, Annie J.-Cannon, C.L.	1921-1939
b. 40, f. 74	Carnegie Institution	1932-1942
b. 40, f. 75	Carp-Cath	1933-1938
b. 40, f. 76	Cattell, J. McKeen	1919-1936
b. 40, f. 77	Cec-Chan	1920-1938
b. 40, f. 78	Char-Chr	1920-1939
b. 40, f. 79	Alvan Clark and Sons Corporation	1920-1929
b. 40, f. 80	Clarke-Cloos	1927-1942
b. 40, f. 81	Coa-Coll	1921-1941
b. 40, f. 82	Columbia L.-Columbia University	1919-1935
b. 40, f. 83	Coma-Comp	1924-1936
b. 40, f. 84-85	Comrie, L.J.	1922-1940
b. 41, f. 86	Coms-Cook	1927-1929
b. 41, f. 87	Cooke, W. Ernest	1920-1932
b. 41, f. 88	Cooks-Cox	1921-1941
b. 41, f. 89	Cra-Cross	1922-1942
b. 41, f. 90	Cross-Whitman	1921-1927
b. 41, f. 91	Cross, Wilber-Curr	1922-1941
b. 41, f. 92-93	Curtis, Herber D.	1920-1940
b. 41, f. 95	Curtiss, R.H.-Cus	1923-1929
b. 41, f. 96	Daghlian, G.K.	1926-1934
b. 41, f. 97	Dal-David	1921-1938
b. 41, f. 98	Davis, H.T.-Day	1915-1936
b. 41, f. 99	Davis, Charles H.	1922-1931
b. 41, f. 100	Davis, F.-Davis, George A	1927-1941
b. 41, f. 101	Def-Delporte	1928-1929
b. 41, f. 102	Den-Der	1927-1937
b. 41, f. 103-105	DeSitter, Willem	1922-1935
b. 41, f. 106	Desl-Dev	1928-1939
b. 41, f. 107	Dim-Don	1923-1942

## IV. Frank Schlesinger (continued)

b. 42, f. 108	Doo-Dou	1920-1926
b. 42, f. 109	Dra-Duf	1921-1942
b. 42, f. 110-111	Dugan, Raymond S.	1920-1937
b. 42, f. 112	Dugan, Stephen P.	1932-1939
b. 42, f. 113	Dun-Dus	1923-1938
b. 42, f. 114	Dyson, Frank Watson	1920-1935
b. 42, f. 115	Dzi-Eastman Kodak Co.	1928-1942
b. 42, f. 116	Eat-Ebe	1922-1942
b. 42, f. 117-118	Eckert, Wallace J.	1926-1942
b. 42, f. 119-120	Eclipse	1923, 1932
b. 42, f. 121	EDD-Eff	1928-1940
b. 42, f. 122	Eichelberger, W.S.	1921-1929
b. 42, f. 123	Ein-Elk	1928-1942
b. 42, f. 124	Eme-Exi	1932-1942
b. 42, f. 125	Fab-Farnam, Thomas W.	1923-1933
b. 42, f. 126	Farns-Fay	1923-1942
b. 42, f. 127	Fecker, J.W.	1923-1936
b. 42, f. 128	Fed-Fel	1941-1942
b. 42, f. 129	Fener, Roy Y.	1922-1934
b. 42, f. 130	Fil-Fisher	1924-1935
b. 42, f. 131	Fish-Schurman-For	1932-1941
b. 43, f. 132	Fou-Fow	1920-1934
b. 43, f. 133-134	Fox, Philip	1920-1940
b. 43, f. 135	Foy-Fri	1926-1938
b. 43, f. 136	Frost, Edwin B.	1920-1932
b. 43, f. 137	Ful-Furness, Caroline E.	1920-1936
b. 43, f. 138-139	Gaertner, William	1920-1926
b. 43, f. 140	Gag-Gal	
b. 43, f. 141	Gam-Gav	1936-1942
b. 43, f. 142	Gen-Geo	1928-1934

## IV. Frank Schlesinger (continued)

b. 43, f. 143	Ger-Ges	1927-1938
b. 43, f. 144	Gibbs, F.H.	1916-1924
b. 43, f. 145	Gibbs, Gin	1927-1942
b. 43, f. 146	Glass disk	1923-1924
b. 43, f. 147	God-Graa	1923-1940
b. 43, f. 148	Graduate School	1923-1942
b. 43, f. 149	Graf-Green, L.C.	1923-1938
b. 43, f. 150	Green, Warren K.	1924-1934
b. 43, f. 151	Gre-Gut	1923-1938
b. 44, f. 152	Haa-Halb	1921-1938
b. 44, f. 153	Hale, George E	1920-1935
b. 44, f. 154	Hall, C.-Hall G.	1924-1941
b. 44, f. 155	Hall, John S.	1931-1939
b. 44, f. 156	Halm-Har	1923-1939
b. 44, f. 157	Has-Hau	1911-1930
b. 44, f. 158	Hav-Hed	1922-1942
b. 44, f. 159	Hellweg, J.F.	1930-1942
b. 44, f. 160	Hen-Hep	1924-1926
b. 44, f. 161	Herget, Paul	1935-1942
b. 44, f. 162	Herr	1929-1934
b. 44, f. 163	Hertz, Hans	1936-1937
b. 44, f. 164	Hertzsprung, Ejnar	1926-1941
b. 44, f. 165	Hes-Hin	1922-1942
b. 44, f. 166	Her-Hol	1923-1942
b. 44, f. 167	Hoo-Hum	1924-1939
b. 44, f. 168	Hun-Hyn	1920-1936
b. 44, f. 169	Il-Ing	1931-1936
b. 44, f. 170-171	Innes, R.T.A.	1923-1929
b. 44, f. 172	Ins-Internal	1933-1934
b. 45, f. 173-175	International Astronomical Union	1924-1937

## IV. Frank Schlesinger (continued)

b. 45, f. 176	International Business-Isd	1928-1940
b. 45, f. 177	Jack-Jackson, J.	1923-1942
b. 45, f. 178	Jackson, M-Jea	1920-1936
b. 45, f. 179	Jeffers, Hamilton M.	1927-1936
b. 45, f. 180	Jeffer-Jones, F.	1933-1937
b. 45, f. 181	Jones, H. Spencer	1924-1942
b. 45, f. 182	Jordan, Frank C.	1920-1939
b. 45, f. 183	Jordan, H.-Joy	1920-1931
b. 45, f. 184	Kae-Kah	1932-1933
b. 45, f. 185	van de Kamp, Peter	1926-1941
b. 45, f. 186	Kap-Kie	1920-1942
b. 46, f. 187	Kimura, H.	1921-1941
b. 46, f. 188	Kin-Kis	1921-1935
b. 46, f. 189	Klages, George W.	1920-1924
b. 46, f. 190	Kle-Knopf	1920-1941
b. 46, f. 191	Knox-Shaw, H.-Koh	1923-1935
b. 46, f. 192	Kopff, A.	1926-1937
b. 46, f. 193	Kow-Kyl	1925-1942
b. 46, f. 194	Lab-Lai	1928-1944
b. 46, f. 195	Lambert, Walter D.	1921-1942
b. 46, f. 196	Lamp-Lan	1929-1941
b. 46, f. 197	Latitude, Joint Commission on The Variation of	1920-1937
b. 46, f. 198	Lav-Lee, M.	1923-1942
b. 46, f. 199	Lee, Oliver J.	1920-1941
b. 46, f. 200	Leeds and Northrup Company	1929-1933
b. 46, f. 201	Leh-Leonard, C.	1924-1931
b. 46, f. 202	Leonard, Frederick C.	1925-1938
b. 46, f. 203	Leuschner, A.O.	1920-1942
b. 46, f. 204	Lew-Libb	1924-1929
b. 46, f. 205	Library, Yale University	1925-1942



## IV. Frank Schlesinger (continued)

b. 47, f. 206	Lil-Lul	1920-1941
b. 47, f. 207	Lun-Lut	1922-1937
b. 47, f. 208	Luyten, William J.	1923-1939
b. 47, f. 209	Ly	1925-1938
b. 47, f. 210	van Maanen, Adriaan	1920-1942
b. 47, f. 211	McC	1920-1942
b. 47, f. 212-214	McDowell, James B.	1921-1922
b. 47, f. 215	McF-McM	1920-1942
b. 47, f. 216	Mec-Mel	1920-1938
b. 47, f. 217	Mehlin, Theodore G.	1932-1942
b. 47, f. 218	Men-Mil	1919-1941
b. 47, f. 219	Mersick, C.S. and Company	1928-1937
b. 47, f. 220	Miller, John A.	1920-1937
b. 48, f. 221-222	Mitchell, S.A.	1915-1941
b. 48, f. 223	Moe-Murphy	1927-1940
b. 48, f. 224	Morgan, H.R.	1930-1932
b. 48, f. 225	Moulton, F.R.	1921-1943
b. 48, f. 226-227	Nag-National Academy of Science	1921-1942
b. 48, f. 228	National B-National C	1929-1937
b. 48, f. 229	National Research Council	1921-1942
b. 48, f. 230	National Research Council: Revision of Statutes, International Research Council	1928-1929
b. 48, f. 231	National Research Fund	1928
b. 48, f. 232	Nat-Nautical Almanac Office	1938-1939
b. 48, f. 233	Naval Observatory	1927-1936
b. 48, f. 234	Nay-Neg	1927-1940
b. 48, f. 235	"Neighbors," The	1924-1952
b. 49, f. 236	Nel-Newt	1923-1942
b. 49, f. 237-238	New Zeland	1920-1923
b. 49, f. 239	Nisoli, Franze	1933-1939
b. 49, f. 240	Nis-Nor	1926-1940

## IV. Frank Schlesinger (continued)

b. 49, f. 241	Norstrand, D. Van Company, Inc.	1928-1938
b. 49, f. 242	Numerov, B.V.	1929-1936
b. 49, f. 243	Obr-Obs	1929-1942
b. 49, f. 244	Observatory, Yale	1918-1919
b. 49, f. 245	O'Connell, Walter	1925-1940
b. 49, f. 246	Og-Ole	1921-1942
b. 49, f. 247	Oliver, Charles P.	1920-1938
b. 49, f. 248	Oort, Jan H. A copy of this material is available in digital form from Manuscripts and Archives. Contact Manuscripts and Archives at <a href="mailto:beinecke.library@yale.edu">beinecke.library@yale.edu</a> to request access to the digital copy.	1922-1940
b. 49, f. 249	Op-Orders for Bright Stars Catalogue	1931
b. 49, f. 250	Os-Oy	1923-1940
b. 49, f. 251	Pad-Pan	1933-1937
b. 49, f. 252	Parallax	1921-1933
b. 50, f. 253	Parr-Peg	1922-1940
b. 50, f. 254	Penniman, Josiah H.	1920-1928
b. 50, f. 255	Pere	1941-1942
b. 50, f. 256	Periodicals	1929
b. 50, f. 257	Perrier, G.	1924-1934
b. 50, f. 258-259	Perrine, Charles D.	1924-1939
b. 50, f. 260	Perry-Petti	1920-1942
b. 50, f. 261	Petty Cash	1932-1936
b. 50, f. 262	Ph-Phi	1924-1938
b. 50, f. 263	Photographic reproduction of catalogue	1932-1933
b. 50, f. 264	Pi	1920-1942
b. 50, f. 265	Plaskett, Henry (Harry) H.	1927-1937
b. 50, f. 266	Plaskett, J.S.	1920-1932
b. 50, f. 267	Plu-Po	1915-1935
b. 50, f. 268	Prager, Richard	1926-1937
b. 50, f. 269	Prager-Presc	1926-1933

## IV. Frank Schlesinger (continued)

b. 50, f. 270-271	President, Office of Yale University	1929-1932
b. 50, f. 272	Press-Provi	1923-1937
b. 50, f. 273-274	Provost, Office of Yale University	1923-1943
b. 50, f. 275	Prz-Pu	1927-1933
b. 50, f. 276	Q	1929-1930
b. 50, f. 277	Rad-Reu	1924-1942
b. 51, f. 278	van Rhÿn, P.J.	1922-1942
b. 51, f. 279	Ric-Riv	1925-1942
b. 51, f. 280	Rob-Rol	1923-1941
b. 51, f. 281	Ros-Rosenbach	1925-1933
b. 51, f. 282	Rosenberg, Hans	1933-1936
b. 51, f. 283	Rosenberg, L.L.-Rosenthal	1928-1932
b. 51, f. 284	Ross, Frank E.	1920-1939
b. 51, f. 285	Rossier-Rui	1928-1941
b. 51, f. 286-287	Russell, Henry Norris	1920-1941
b. 51, f. 288	Russell, W.H.-Ryb	1932-1942
b. 51, f. 289	Sadler, D.H.	1936-1941
b. 51, f. 290	Sal-Saw	1922-1934
b. 51, f. 291-293	Schilt, Jan	1926-1942
b. 52, f. 294	Schlesinger, Frank	1928, 1938-1942
b. 52, f. 295	Schlesinger, Wagner	1931-1940
b. 52, f. 296	Schl-Sea	1921-1942
b. 52, f. 297-298	Secretary, office of, Yale University	1920-1942
b. 52, f. 299	Sed-Seg	1923-1938
b. 52, f. 300-301	Sellew, R.W.	1923-1929
b. 52, f. 302	Sem	1936
	Service Bureau, Yale University	
b. 52, f. 303	Correspondence	1927-1942
b. 52, f. 304	Purchase orders	1932-1933
b. 52, f. 305-306	Statements and receipts	1928-1933

## IV. Frank Schlesinger (continued)

b. 52, f. 307	Sey	1926-1937
b. 52, f. 308-309	Shapley, Harlow	1921-1928
b. 53, f. 310-311	Shapley, Harlow	1929-1942
b. 53, f. 312	She-Sit	1926-1941
b. 53, f. 313	Sitt-Sk	1932
b. 53, f. 314	Slavenas, Paul	1926-1935
b. 53, f. 315	Sli	1921-1935
b. 53, f. 316	Slocum, Frederick	1919-1939
b. 53, f. 317	Sm-Som	1921-1941
b. 53, f. 318	South Africa A copy of this material is available in digital form from Manuscripts and Archives. Contact Manuscripts and Archives at <a href="mailto:beinecke.library@yale.edu">beinecke.library@yale.edu</a> to request access to the digital copy.	1923-1941
b. 53, f. 319	Sp-Steb	1920-1941
b. 53, f. 320	Stebbins, Joel	1920-1942
b. 53, f. 321	Stec-Ster	1933-1942
b. 53, f. 322	Stetson, Harlan T.	1925-1940
b. 53, f. 323	Stew-Stod	1922-1939
b. 53, f. 324	Stokley, James	1931-1938
b. 53, f. 325	Stom-Strac	1922-1941
b. 53, f. 326	Stratton, F.J.M.	1926-1938
b. 54, f. 327	Strat-Stro	1920-1934
b. 54, f. 328	Struve, Otto	1926-1942
b. 54, f. 329	Struve, Georg	1926-1933
b. 54, f. 330	Stu-Sy	1922-1941
b. 54, f. 331	Tab-Tho	1920-1941
b. 54, f. 332	Tic-Tread	1920-1941
	Treasurer, Yale University	
b. 54, f. 333-336	Correspondence	1922-1942
b. 54, f. 337-338	Pay slips	1929-1933
b. 54, f. 339-341	Remittance slips	1936-1942

## IV. Frank Schlesinger (continued)

b. 55, f. 342	Trowbridge, Augustus	1920-1929
b. 55, f. 343	Trumpler, Robert J.	1920-1937
b. 55, f. 344	Tuc-Turner	1921-1932
b. 55, f. 345	Turner, Herbert H.	1921-1930
b. 55, f. 346	Tut-Twy	1929-1933
b. 55, f. 347	Ue-Uni	1924-1940
b. 55, f. 348	Van-Vys	1920-1942
b. 55, f. 349	Wal-War	1922-1939
b. 55, f. 350	Warren, Charles H.	1929-1942
b. 55, f. 351	Was-Wat	1926-1942
b. 55, f. 352	Web-Whitl	1921-1942
b. 56, f. 353	Whitworth, Ernest	1930-1940
b. 56, f. 354	Who-Will	1926-1942
b. 56, f. 355	Wilson, Edwin B.	1922-1932
b. 56, f. 356	Wilson, Herbert C., H. W. Wilson	1922-1926
b. 56, f. 357	Wilson, Ralph E.	1926-1942
b. 56, f. 358	Wilson, W.A.-Wol	1920-1937
b. 56, f. 359	Woo-Wyl	1922-1942
b. 56, f. 360	Yal-Yoa	1920-1942
b. 56, f. 361	Young, Anne S.	1924-1942
b. 56, f. 362	Young, Reynold K.	1921-1922
b. 56, f. 363	Zan-Zoo	1923-1942
b. 56, f. 364	Zug, R.S.	1935
V. Dirk Brouwer		1939-1967
Departmental correspondence		
b. 57, f. 1-5	A	1943-1960
b. 57, f. 6	Abdala, Jose	1961
b. 57, f. 7	Academic Press	1960-1964
b. 57, f. 8-9	Alden, Harold L.	1943-1945
b. 58, f. 10	Alumni Seminar (Alumni Board)	1959-1960

## V. Dirk Brouwer &gt; Departmental correspondence (continued)

b. 58, f. 11	American Academy of Arts and Sciences	1959-1960
b. 58, f. 12	American Association for the Advancement of Science	1960
b. 58, f. 13	American Association of Variable Star Observers	1943-1946
b. 58, f. 14-17	American Astronomical Society	1945-1965
b. 58, f. 18	American Geophysical Union Committee on Geodetic Applications and Artificial Satellites	1958
	American Mathematical Society See: <a href="#">box 73, folder 202</a>	
b. 58, f. 19	Applications for Grants	1962
b. 58, f. 20	Artificial satellites	1960-1961
b. 58, f. 21	Association of Universities for Research in Astronomy (AURA)	1957-1958, 1962
b. 58, f. 22	Asteroid Ephemerides	1946-1947
	Astrometry See: <a href="#">box 79, folder 260</a>	
b. 58, f. 23	Astrometry Conference	1953
b. 58, f. 24	<i>Astronomical Discovery</i> by Herbert Hall Turner	1962
b. 59, f. 25	Astronomical notes	1949
b. 59, f. 26	Astronomical Society of the Pacific	1965
b. 59, f. 27-32	B	1943-1964
b. 59, f. 33	Berkeley College	1955-1960
b. 60, f. 34	Bethany Observatory: Astrographic Telescope	1961-1962
b. 60, f. 35	Bethany Observatory construction	1956-1957
b. 60, f. 36	Bethany Observatory National Science Foundation grant	1961-1963
b. 60, f. 37	Bibliography	1959-1960
b. 60, f. 38-39	Bills	1951-1959
b. 60, f. 40	Bright Star Catalogue: Transactions of the Astronomical Observatory of Yale University: orders and invoices	1958-1959
b. 60, f. 41	Broucke, Roger	1963
b. 60, f. 42	Brouwer, Dirk	1947-1958
b. 60, f. 43	Brussels Conference	1954-1956
b. 60, f. 44	Building expansion	1960-1961
b. 60, f. 45	Bursary	1943-1962

## V. Dirk Brouwer &gt; Departmental correspondence (continued)

b. 61, f. 46-50	C	1943-1965
b. 61, f. 51	Carcus Conference	1962
b. 61, f. 52	Carnegie Institution	1943-1946
b. 61, f. 53	Celestial mechanics: manuscript for Encyclopida Britanica	undated
b. 61, f. 54	Choudhry, R.K.	1961, 1963
	Civil Defense See: <a href="#">box 62, folder 68</a>	
b. 61, f. 55	Clemence, G.M.	1960-1963
b. 61, f. 56	Columbia University	1963
b. 61, f. 57	Committee on Space Research (COSPAR) Symposium	1962
b. 61, f. 58	Computer applications to military problems (CAMP)	1959
b. 61, f. 59	Computer (Computing) Center	1957-1962
b. 61, f. 60	Computing Center Advisory Committee	1960-1962
b. 62, f. 61	Conference on Radio Astronomy	1959
b. 62, f. 62	Corporation for Economic and Industrial Research (CEIR)	1958
b. 62, f. 63	Crone, Ernest	undated
b. 62, f. 64-66	D	1943-1964
b. 62, f. 67	Davis, Morris	1946-1947
b. 62, f. 68	Defense	1942-1943
b. 62, f. 69	Departmental examinations	undated
b. 62, f. 70-71	de Vancouleurs, Gerald H.	1954-1957
b. 62, f. 72	Disco, A.A.	1953-1954
b. 62, f. 73	Doering, William von E.	1962-1964
b. 62, f. 74	Douglas, James N.	1963-1965
b. 62, f. 75	Dover Publications, Inc.	1963-1964
b. 63, f. 76-78	E	1943-1963
b. 63, f. 79	Eckert, Wallace J. (IBM)	1946-1947, 1953
b. 63, f. 80	Edwards Street	1962-1963
b. 63, f. 81	Eichhorn, Heinrich	1963-1964
b. 63, f. 82	Epstein, Isadore	1963-1965

## V. Dirk Brouwer &gt; Departmental correspondence (continued)

## Exams

See: [box 62, folder 69](#)

b. 63, f. 83-85	F	1943-1965
b. 63, f. 86	Fellowships and Scholarships	1950-1960
b. 63, f. 87	Ford Foundation Astrograph	1962
b. 63, f. 88	Foundations	undated
b. 63, f. 89	Fundraising (including Ford Foundation)	1957-1958
b. 64, f. 90-92	G	1943-1964
b. 64, f. 93	Garfinkle, Boris	1960-1961
b. 64, f. 94	G.D. miscellaneous notes	1955
b. 64, f. 95	Gill, Jocelyn R.	1961-1962
b. 64, f. 96	Goddard Space Flight Center	1965
b. 64, f. 97	Grades	1961-1963
b. 64, f. 98-101	Graduate School	1943-1962
b. 65, f. 102-103	Graduate School applications	1961-1964
b. 65, f. 144	Graduate School: Smith Fellowships	1961-1963
b. 65, f. 105	Greenspan, Donald	1962-1963
b. 65, f. 106-110	H	1943-1956
b. 66, f. 111-112	H	1957-1965
b. 66, f. 113	Hamid, Salah	1949
b. 66, f. 114	Herget, Paul	1960
b. 66, f. 115	Hoffleit, Dorrit	1956
b. 66, f. 116	Hori, Gen-ichiro	1960-1965
b. 66, f. 117-118	I	1945-1963
b. 66, f. 119	Institute for Atmospheric Research	1958-1959
b. 66, f. 120	International Astronautical Congress (12 th)	1961
	International Astronomical Union	
b. 67, f. 121-123	1960-1964	
b. 67, f. 124	Commission 7: Celestial mechanics	1960-1961



## V. Dirk Brouwer &gt; Departmental correspondence &gt; International Astronomical Union (continued)

b. 67, f. 125	Commission 8: Position Astronomy. Sub-commission 8a: photographic catalogues of stars brighter than the Ninth Magnitude	1960-1961
b. 67, f. 126	Fundraising	1960-1961
b. 67, f. 127	Project West Ford	1961-1964
b. 67, f. 128	U.S.A. National Committee: Sub-Committee for Inter-American Astronomy	1960-1964
b. 67, f. 129	Izsak, Imre G.	1962-1963
b. 68, f. 130-132	J	1943-1965
b. 68, f. 133-139	Jackson, Cyril (Yale Columbia Southern Station)	1945-1965
b. 68, f. 140	Johnson, Hollis	1961
b. 69, f. 141-144	K	1943-1965
b. 69, f. 145	Kopal, Zdenck	1960
b. 69, f. 146	Kreiken, E.A.	1963-1964
b. 69, f. 147-148	L	1943-1964
b. 69, f. 149	LaPlata Conference	1960-1961
b. 69, f. 150	LeCar, Myron: report on dissertation	1962
b. 69, f. 151	Library, Sterling	1944-1953
b. 69, f. 152	Lilley, A.E.	1959-1962
b. 70, f. 153	Liu, Hen-Shou	1964
b. 70, f. 154	LT	undated
b. 70, f. 155-158	M	1943-1965
b. 70, f. 159	Manuscript material	1955
b. 70, f. 160-162	Maria Mitchell Association	1955-1965
b. 71, f. 163	Math reviews and AMS	1939-1961
b. 71, f. 164-165	Mc	1943-1960
b. 71, f. 165A	Measuring Engine See also: <a href="#">box 73, folders 1998-199</a>	
b. 71, f. 166	Meffroy, Jean	1960-1963
b. 71, f. 167	Michelson, Irving	1964
b. 71, f. 168	Mikhailor, A.A.	1960
b. 71, f. 169	Miscellaneous notes GDL	undated

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b. 71, f. 170	Morgan, Herbert R.	1947
b. 71, f. 171	Moscow	1960
b. 71, f. 172	Move to 135 Prospect Street	1955-1956
b. 71, f. 173	Myint, T.U.	1964
b. 71, f. 174-176	N	1943-1964
National Academy of Sciences		
b. 72, f. 177	National Research Council	1950-1961
b. 72, f. 178	National Research Council, National Science Foundation, Post Doctoral Fellowship Committee	1959-1960
b. 72, f. 179	Watson Fund and Medal	1960-1961
National Aeronautics and Space Administration		
b. 72, f. 180	Application for contract (orbit calculation of artificial satellites)	1960
b. 72, f. 181	Astronomical Sub-Committee (Selenodesy Working Group)	1963
b. 72, f. 182	Contracts NAS 5-728 (53-00-10-0235)	1961-1962
b. 72, f. 183	Contract NAS 5-3131 (53-00-10-0237)	1963
b. 72, f. 184	Contract NsG-8-59 (61-54-20-1740)	1959-1961
b. 72, f. 185	Contract NsG-8-59 (61-54-20-1740)	1960-1962
b. 72, f. 186	Contract NsG 29/60 (61-54-20-1800)	1959-1963
b. 72, f. 187	Goddard Space Flight Center	1962
b. 72, f. 188	Jastrow, Robert	1961
b. 72, f. 189	Reports	1959-1963
b. 72, f. 190	Smith, C.V.L.	1961-1964
b. 72, f. 191	Traineeships	1962-1965
National Science Foundation		
b. 73, f. 192-193	1951-1963	1951-1963
b. 73, f. 194	Divisional Committee for Mathematical, Physical and Engineering Sciences	1957-1958
b. 73, f. 195	Grants: miscellaneous	1956-1958
b. 73, f. 196	Grant G3255 (61-54-20-8000) side selection	1958-1963
b. 73, f. 197	Grant G 4172 Relocation of Yale Observatory	1957-1958
b. 73, f. 198-199	Grant G 5933 Measuring Engine	1959-1963

## V. Dirk Brouwer &gt; Departmental correspondence &gt; National Science Foundation (continued)

b. 73, f. 200	Grant GP 115 (91-54-37-0115) Symposium on Astrometry	1962-1964
	Navy See: <a href="#">box 83, folders 300-301</a>	
b. 73, f. 201	Neighbors (a group of east coast astronomers)	1947
b. 73, f. 202	New York Symposium (orbit theory: American Mathematical Society)	1957
b. 74, f. 203	News Bureau	1958-1965
b. 74, f. 204-205	O	1943-1964
b. 74, f. 206	Observatory: Astronomical Journal Accounts (standing orders - maintenance) See also: <a href="#">box 60, folder 36</a> See also: <a href="#">box 73, folder 197</a>	1960-1967
b. 74, f. 207	Oesterwinter, Claus	1965
b. 74, f. 207	Office of Naval Research See also: <a href="#">box 83, folders 300-301</a>	
b. 74, f. 207	Office of Scientific Research See also: <a href="#">box 82, folders 285-286</a>	
b. 74, f. 208	Oort, J.H.	1964
b. 74, f. 209-211	P	1945-1965
b. 74, f. 212	Page - Liller Report	1965
b. 74, f. 213	Perkin - Elmer Corporation	1945-1962
b. 74, f. 214-215	Personnel	1943-1954
b. 75, f. 216-217	Personnel	1955-1961
b. 75, f. 218	Perth Observatory	1962-1963
b. 75, f. 219	Petty cash	1943-1959
b. 75, f. 220	Pollard, Harry	1961
b. 75, f. 221	President	1943-1965
b. 75, f. 221	Prospect Street See also: <a href="#">box 71, folder 172</a>	
b. 76, f. 222-224	Provost	1943-1956
b. 76, f. 225-227	Provost	1957-1965
b. 76, f. 228	Q	1956
b. 76, f. 229-231	R	1943-1964

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b. 76, f. 232	Radio Astronomy See also: <a href="#">box 62, folder 61</a>	
b. 76, f. 233	Radio Isotopes	1957
b. 76, f. 234-235	Reports	1943-1965
b. 76, f. 236	Rodman, James P.	1962-1963
b. 76	Ross, F.E. See also: <a href="#">box 74, folder 213</a>	
b. 77, f. 237-242	S	1943-1957
b. 78, f. 243-244	S	1958-1965
	Satellites See: <a href="#">box 58, folder 20</a>	
b. 78, f. 245-248	Schilt, Jan	1945-1963
b. 78, f. 249	Schlesinger, Dr. and Mrs. Frank	1943
b. 79, f. 250	Schlesinger Memorial	1943
b. 79, f. 251-252	Secretary's office	1943-1955
b. 79, f. 253	Selective Service	1944
b. 79, f. 254-255	Service Bureau	1943-1965
b. 79, f. 256	Sheffield Scientific School	1943-1956
b. 79, f. 257	Silliman Lectures	1963
b. 79, f. 258	Smith, Harlan	1962-1963
b. 79, f. 259	South African plans A copy of this material is available in digital form from Manuscripts and Archives. Contact Manuscripts and Archives at <a href="mailto:beinecke.library@yale.edu">beinecke.library@yale.edu</a> to request access to the digital copy.	1948-1950
b. 79, f. 260	Southern Hemisphere Astronomy	1960-1963
b. 79, f. 261	Southern Station	1944
b. 79, f. 262	Spitzer, Lyman Jr.	1944-1946
b. 79, f. 263	Strömgren, Bengt	1963
b. 79, f. 264	Students	1959-1960
b. 79, f. 265	Summer Conferences	1964
b. 79, f. 266	Summer Employment: enquires	1965
b. 80, f. 267-268	Summer Institute in Dynamical Astronomy	1965

## V. Dirk Brouwer &gt; Departmental correspondence (continued)

b. 80, f. 269	Symposium on Analytical Astrodynamics	1961
b. 80, f. 270	Szebehely, Victor G.	1964
b. 80, f. 271	T	1943-1964
b. 80, f. 272	Thesaloniki Symposium (International Astronomical Union) #25	1964
b. 80, f. 273	Travel - D. Brouwer	1960-1961
b. 80, f. 274	Travel to U.S.S.R.	1960
b. 80, f. 275-276	Treasurer	1943-1955
b. 81, f. 277-278	Treasurer	1956-1964
b. 81, f. 279-280	Pay slips	1949-1959
	Remittance slips See: card file box	1943-1959
b. 81, f. 281	Sales tax report	1959
b. 81, f. 282	U	1943-1961
b. 81, f. 283-284	Undergraduate	1944-1964
	U.S. Airforce	
b. 82, f. 285-286	Aeronautical Chart and Information Center	1961-1963
b. 82, f. 287	Contracts	1954-1955
b. 82, f. 288	Contract SAR/AF 08(606)-792	1956
b. 82, f. 289-290	Contract 19 (604)-4137	1958-1960
b. 82, f. 291	Contract 19-(604)-4137	1958-1961
b. 82, f. 292	Contract SAR AF (604)3059 Quarterly Report #1 (Lilley)	1958-1959
b. 82, f. 293	Contract SAR/AF-AFOSR 397-363 (53-00-20-6397)	1963
b. 82, f. 294-295	Office of Scientific Research Grant AF-AFOSR-397-363, AF-AFOSR-62-380 Research Center for Celestial Mechanics	1962-1964
b. 82, f. 296	Office of Scientific Research Mathematical Sciences Advisory Committee	1963
	U.S. Army Corp of Engineers	
b. 83, f. 297-299	Army Map Service: Contract SAR/DA 419-018 eng - (53-00-50-1880) 2262	1961-1962
b. 83, f. 300-301	U.S. Navy: Office of Naval Research	1946-1949
b. 83, f. 302	Catalogue Verification Project SAR/Nonr 3063(00) (X)	1960-1961

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b. 83, f. 303-304	Catalogue Verification Project SAR/Nonr 609(41) 53-00-71-1641 See also: <a href="#">box 83, folders 308-313</a>	1960-1963
b. 83, f. 305-306	Contract Nonr 609 (15)Motions of the Principal Planets	1960-1961
b. 83, f. 307	Contract Nonr 1709 (00)	1956
b. 84, f. 308-313	Financial	1948-1963
b. 84, f. 314	Financial: audited	1950-1957
b. 84, f. 315	Reports	1947-1961
b. 85, f. 316-318	V	1943-1965
b. 85, f. 319	Vasilerskis, Stanislaus	1961-1964
b. 85, f. 320	Victoria Juan	1962
b. 85, f. 321-325	W	1942-1966
b. 86, f. 326	Watson Astronomical Computing Bureau	1947
b. 86, f. 327	Wesleyan University	1963
b. 86, f. 328	Wesselink, Adrian J.	1964
b. 86, f. 329	Westerman, H. Robert	1961
b. 86, f. 330	Wildt, Rupert	1947, 1960-1964
b. 86, f. 331	Winchester Hall	1963
b. 86, f. 332	Wooley, R.v.d.R. (Australia)	1949-1964
b. 86, f. 333-334	X-Y-Z	1943-1964
	Yale College See: <a href="#">box 81, folders 283-284</a>	
b. 86, f. 335	Yale University: Division of Science	1957
b. 87, f. 336-341	D. Brouwer and G.M. Clemence, copy of manuscript: <i>Methods of Celestial Mechanics</i> published by Academic Press, pages 1 to 481 and preface notes	1961
	Summer Institute in Dynamical Astrology (SIDA)	
b. 88, f. 342	Academic Physics Departments, Directory of	1961-1962
b. 88, f. 343	Activity schedule	1960
b. 88, f. 344	Announcements, application, mailing list	1959-1961
b. 88, f. 345-347	Announcements, preliminary	1961-1962
b. 88, f. 348	Applicants: correspondence	1959
b. 88, f. 349	Applications, 1-40	1959

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Applications		
b. 88, f. 350-353	A-O	1959
b. 89, f. 354-355	P-Z	1959
b. 89, f. 356-358	A-W	1960
b. 89, f. 359	Cancelled	1960
b. 89, f. 360-362	A-Z	1961
b. 89, f. 363	Cancelled	1961
b. 89, f. 364	Late	1961
b. 89, f. 365	List of applicants	1961
b. 90, f. 366-374	A-Z	1962
b. 90, f. 375	Blank	1962
b. 90, f. 376	Cancelled	1962
b. 90, f. 377	Staff	1962
b. 90, f. 378-379	Cornell University	1963
b. 91, f. 380	List of applicants	1965
b. 91, f. 381-383	A-Z	1965
b. 91, f. 384	Requests for	1965
b. 91, f. 385-386	Banquets	1961-1962
b. 91, f. 387	Books purchased	1959-1961
b. 91, f. 388-389	Certificated	1959-1960
b. 91, f. 390	A Computation of Characteristic Exponents In The Planar Restricted Problem of Three Bodies by André Deprit and J.F. Price	undated
b. 91, f. 391	Appendix: Computer Program Write-Up Program #36: Non-symmetric orbits with variational solutions	undated
Correspondence		
b. 91, f. 392	Albee, Mary	1960
b. 91, f. 393-396	General	1959-1962
b. 92, f. 397-398	General	1961, 1965
b. 92, f. 399	National Science Foundation	1965
b. 92, f. 400	Post institute and other business	1961
b. 92, f. 401-402	Staff	1959, 1961

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b. 92, f. 403-404	Course schedule	1960-1962
b. 92, f. 405	Faculty list	1962
b. 92, f. 406-408	Final reports	1960-1961
	Financial	
b. 92, f. 409-410	Accounts receivable	1960-1961
b. 92, f. 411-412	Advance expenses and requisitions	1960
b. 92, f. 413	Expenses	1961
b. 92, f. 414-414a	Forms for bills and requests for checks	1959-1960
b. 92, f. 415-415a	Invoices	1961-1962
b. 93, f. 416-417	Invoices, correspondence, memoranda	1959-1960
b. 93, f. 418	Report	1960
b. 93, f. 419	Staff stipends and allowances	1965
b. 93, f. 420	Statement	1960
b. 93, f. 421-424	Handout folder	1959-1965
	Housing	
b. 93, f. 425	Accommodations	1962
b. 93, f. 426	Information	1960
b. 93, f. 427	Opportunities, assignments	1959
b. 93, f. 428	Requirements: applicants and staff	1961
b. 93, f. 429	Information, general	1965
b. 93, f. 430	Inquiries	1959
b. 93, f. 431	Lunar theory notes: Dirk Bower	1965
b. 93, f. 432	Meals: A. Daske	1962
b. 93, f. 433	Miscellaneous	1960-1961, undated
b. 93, f. 434	Notes, orders for	1959-1960
b. 94, f. 435-436	Notes: volume I and II	1959
b. 94, f. 437	Official business	1959
b. 94, f. 438	Orbit Determination	1962
b. 94, f. 439-442	Participants: lists, questionnaire results	1959-1965
b. 94, f. 443-444	Participants: stipends and allowances	1961-1965



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b. 94, f. 445	Participation by category	1959-1963
b. 94, f. 446-447	Picnics	1960-1962
b. 94, f. 448	Post Mortems	1959-1960
b. 94, f. 449	Program in 650 Programming Message	1960
b. 94, f. 450	Program	1965
b. 94, f. 451	Program class	1962
b. 94, f. 452	Proposal: National Science Foundation for Summer Institute	1960
b. 94, f. 453	Proposals for SIDA	1958-1962
b. 94, f. 454	Qualitative Theory of the n-Body Problem: Harry Pollard	undated
b. 95, f. 455-459	Questionnaires	1959-1962
b. 95, f. 460	Registration: weeks 1-6	1962
b. 95, f. 461	Reports, Final	1961
b. 95, f. 462	Requisition requests	1965
b. 95, f. 463	Solution methods in Canonical Perturbation: John M. Gormally	1965
b. 95, f. 464	Songs	1960-1965
b. 95, f. 465	Special Programs last week of Institute	1959
b. 95, f. 466	Staff	1965
b. 96, f. 467	Staff	1965
b. 96, f. 468	Stencil File	1961-1962
b. 96, f. 469	"Topological approach to the three Body Problem" by Y. Hagihara	1960
b. 96, f. 470-471	Tuscon, Arizona, University of	1960-1962
b. 96, f. 472-473	Workshop in Orbit Determination: Dr. Kovalevsky	1960
	VI. Astronomical Journal	1941-1969
b. 97, f. 1	Associate Editors: roster	1941-1969
b. 97, f. 2-7	Bank statements	1958-1965
b. 97, f. 8	Bills and packing slips	1958-1964
b. 97, f. 9-11	Check books	1958-1967
	Correspondence	
b. 98, f. 12	A	1964-1967
b. 98, f. 13	American Astronomical Society	1958-1968

## VI. Astronomical Journal &gt; Correspondence (continued)

b. 98, f. 14	American Astronomical Society: Publication Committee	1957-1958
b. 98, f. 15	American Institute of Physics	1963-1964
b. 98, f. 16-21	B-G	1959-1967
b. 98, f. 22	Goudas paper	1967
b. 98, f. 23-24	H-I	1959-1965
b. 99, f. 25	J	1960-1965
b. 99, f. 26	Johnson Reprint Corporation	1960-1961
b. 99, f. 27-28	K-L	1963-1965
b. 99, f. 29	Lancaster Press	1958
b. 99, f. 30	Lyttleton-Stromberg	1958-1959
b. 99, f. 31-32	M	1958-1965
b. 99, f. 33	MaiCing Permit	1958-1962
b. 99, f. 34	N	1960-1965
b. 99, f. 35	National Science Foundation	1953-1966
b. 99, f. 36	O	1960-1965
b. 99, f. 37	Observatory Reports	1965
b. 99, f. 38	P	1960-1964
b. 100, f. 39-46	R-Z	1963-1966
b. 100, f. 47-48	Financial statements	1934-1968
b. 100, f. 49	Production Reports	1962-1965
b. 100, f. 50	Volume and issue information (V.47-70)	1938-1965
b. 101, f. 51	Receipt book	1959-1962
	VII. Association of Universities for Research in Astronomy, Inc, (AURA)	1965-1972
b. 102, f. 1	Associated Universities, Incorporated	1965-1966
b. 102, f. 2-5	Board of Directors: minutes	1965-1968
b. 102, f. 6	By-Laws	1972
b. 102, f. 7	Carnegie Institution of Washington: Southern Observatory (CARSO)	1965-1966
b. 102, f. 8	Cerro Tololo Inter-Ameridan Observatory: Policy manual	1970
b. 102, f. 9	Chile Site Survey Reports, Nos. 26-31	undated
b. 103, f. 10	Executive Committee: minutes	1971

## VII. Association of Universities for Research in Astronomy, Inc, [...] (continued)

b. 103, f. 11	Kitt Peak National Observatory	
b. 103, f. 11	Planetary Sciences Division: Report to Planetary Sciences Subcommittee	1969
b. 103, f. 12-13	Policy Manual and revisions	1968-1971
b. 103, f. 14	Solar Division: Report to the Solar Subcommittee	1969
b. 103, f. 15	National Science Foundation	1971
b. 103, f. 16	Planetary Sciences Subcommittee: minutes	1969
b. 103a, f. 17-22	Scientific Committee: Correspondence and minutes	1962-1972
b. 103b, f. 23-26	Scientific Committee: correspondence and minutes	1962-1972
b. 103b, f. 27	Stellar Astronomy: subcommittee minutes	1970
b. 103b, f. 28	Telescope loan: University of Michigan	1971-1972
b. 103b, f. 29	Telescope move: Yale to Cerro Tololo Inter-American Observatory	1972
b. 103b, f. 30	Visiting Committee	1971
	VIII. Research Data	1874-1962
	Yale Telescope volumes	
b. 104	1-7	1925-1926
b. 105	8-14	1926-1927
b. 106	15-21	1927-1928
b. 107	22-28	1928
b. 108	29-35	1928-1929
b. 109	36-42	1929-1930
b. 110	43-49	1930-1931
b. 111	50-56	1931
b. 112	57-63	1931-1932
b. 113	64-70	1932-1933
b. 114	71-77	1933-1934
b. 115	78-84	1934-1935
b. 116	85-91	1935-1937
b. 117	92-98	1937-1938
b. 118	99-105 (106, 107 lacking)	1938-1939
b. 119	108-112	1939-1940

## VIII. Research Data &gt; Yale Telescope volumes (continued)

b. 120	113-119	1940-1942
b. 121	120-126	1942-1944
b. 122	127-133	1944-1946
b. 123	134-140	1946-1947
b. 124	141-147	1947-1948
b. 125	148-154	1948-1950
b. 126	155-161	1950-1957
b. 127	162-168	1957-1961
b. 128	169-172, miscellaneous (1928-1936)	1961-1962
Tables, miscellaneous and research notes		
b. 129, f. 173	Occultations: Tashkent, Frederica, Copenhagen, Hellerup, Besancon, Bridgeport, Bethlehem (PA), Los Angeles, Aarhus, Amherst, Florence, Leonia, Cambridge (MA), Kiev, Tomsk, Zo-Se, Fannerup, Nyborg, South Hadley, Tokyo	1928
b. 129, f. 174	Washington: 23 occultations	1928
b. 129, f. 175	Occultations by the moon	1928 January
b. 129, f. 176	Strasbourg, 20 occultations; Omaha 8 occultations; Parsgrund, 2 occultations	1928
b. 129, f. 177	Occultations	1926
b. 129, f. 178	Observations	1927
b. 129, f. 179	Leo (Leonia) 14 occultations Georgetown Coll. Obs. 32 occultations	1927
b. 129, f. 180	L.P. (La Plata) 12 occultations	1927
b. 129, f. 181	Occultations: Kiev, Florence, Warsaw, Turin	1927
b. 129, f. 182	Occultations: Berlin, Strasbourg	1927
b. 129, f. 183	Occultations: Wilno, Lick Observatory, Pulhova, Els Fieth, London	1927
b. 129, f. 184	Occultations: South Hadley, MA, Charlottesville, VA, Tashkent	1927
b. 130, f. 185	Occultations	1927
b. 130, f. 186	Occultations, miscellaneous	1929
b. 130, f. 187	Occultations: South Hadley, Tashkent, Warsaw	1929
b. 130, f. 188	Occultations	1928
b. 130, f. 189	Occultations: Kiev, Florence, Berlin, Johannesburg, Pretoria, La Plata, Heidelberg, Breslaw, Padua, Strasbourg, Jena, Warsaw	1928

## VIII. Research Data &gt; Tables, miscellaneous and research notes (continued)

b. 130, f. 190	Occultations: miscellaneous, Zo-Se, Omaha, Strasbourg, Lemberg, Berlin, Poughkeepsie Prague-Smikow, Lesshaft-Mirore-demi	1929
b. 130, f. 191-192	Occultations	1930-1931
b. 131, f. 193-194	Occultations	1930-1932
b. 132, f. 195-197	Occultations	1928-1931
b. 132, f. 198	The Bruce Photographic Telescope	1896
b. 133, f. 199-200	Correspondence: occultation	1924-1925, 36-37
b. 133, f. 201	List of Occultations	1936-1937
b. 133, f. 202	Material for Occultations: D. Brouwer	1934
b. 133, f. 203	Occultations of Stars by the moon Observed at Birmingham University	1932
b. 133, f. 204	Reduction of occultation Formula of Innes	1932
b. 134, f. 205-211	Alden, H.L., notes	1929-1942
b. 135, f. 213-216	Alden, H.L.: double stars	1929-1942
b. 135, f. 217	Analytical Solid Geometry	undated
	Brown, E.W.	
b. 136, f. 218-221	Analytical Statics	1906, undated
b. 136, f. 222-223	Correspondence: Henry B. Hedrick, May Gunderson and others	1908-1916
b. 137, f. 224	Integral Calculus, report on	undated
	Latitude	
b. 137, f. 225	SD 2	undated
b. 137, f. 226	SD 2 1s	1913 September 10-14
b. 137, f. 227	SD 3 l = l' 2s	undated
b. 137, f. 228	SD 4 position or points	1913 October 28
b. 137, f. 229	SD 5	1913 October 28-29
b. 137, f. 230	SD 6 Pref. for points	1913 October 29-30
b. 137, f. 231	SD 7 Pref. for points	1913 October 30-31
b. 137, f. 232	SD 8	1913 October 31
b. 137, f. 233	SD 9 Pref for points	1913 November 1

## VIII. Research Data &gt; Brown, E.W. &gt; Latitude (continued)

b. 137, f. 234	SD 10 3 I - I Pref. for points	1913 November 3
b. 137, f. 235	SD 15 2F	1913 November 3
b. 137, f. 236	SD 16 Pref. for points	1913 November 4
b. 137, f. 237-240	Notes and tables	undated
b. 138, f. 241-244	Notes and tables	undated
b. 138, f. 245	Moon, table of ms., letters of computers	1935
b. 138, f. 246a	Moon functions	1906
b. 138, f. 246-248	National Research Council-National Academy of Sciences	1923-1926
b. 139, f. 249	Report and notes: Brown, E.W.	undated
b. 139, f. 250-258	Research notes	1916-1931
b. 140, f. 259-264	Research notes	1897-1904, undated
b. 140, f. 265	Rigid Dynamics, questions and examples in	undated
b. 140, f. 266	Sieve	1899
b. 140, f. 267	Theoretical Secular Acceleration with the Moon's Mean Motion: A report on an addition to	1907
b. 141, f. 268	Carinae F.V. by Harold Alden	1938-1945
b. 141, f. 269	S Columbae	1928
b. 141, f. 270	Comet Pareskevapoulos	1941
b. 141, f. 271	Conics	undated
b. 141, f. 272	Control	1941-1942
b. 141, f. 273-274	Differential Equations	undated
b. 141, f. 275	Differential and Integral	undated
b. 141, f. 276	Direct	undated
b. 141, f. 277	Eccentricity	undated
b. 141, f. 278	Eclipse: correspondence, notes, photographs	1925
b. 141, f. 279	Eros	1930-1931
b. 141, f. 280	Goch 8820	1931-1940
	Heliometers	
b. 142, f. 281	I: A report of the Reductions of the Observations for Determining the Scale Values of the Heliometers and of the Transit of Venus	1882

## VIII. Research Data &gt; Helimeters (continued)

b. 142, f. 282	I: Scale Thermometer Readings and Report on the Reductions of 3, 17 and Tauri	1882-1883
b. 142, f. 283	I: The Transit of Venus and scale thermometer readings	1882
b. 142, f. 284	I: Helimeter Transit of Venus observations	1882
b. 142, f. 285-289	I: No. 5 to No. 9	1882
b. 142, f. 290	I: (printed) Instruction für die Helimeter - Beobachtungen Venus - Durchgänge	1874, 1982
b. 142, f. 291-297	Observations: Book 1-8	1884-1886
b. 143, f. 298-303	Observations: Book 9-14	1886-1896
b. 143, f. 304-308	Observations: Book 1-5	1901-1907
b. 144, f. 309-313	Observations: Book 6-10, M.F. Smith	1907-1915
b. 144, f. 314-317	Tables	undated
b. 145, f. 318	Investigative Method	undated
b. 145, f. 319	J.8. Terms factored by e'	undated
b. 145, f. 320	J.8. Early work needed for theory and fundamentals	1923
b. 145, f. 321	J.8. Final approximation to Intermediate Orbit	1929
b. 145, f. 322	J.8. Parallelic Terms	1939
b. 146, f. 323-324	J.8. H sheets [symbol] Terms	1929-1932
b. 146, f. 325-326	Jupiter	1927-1928
	Loomis	
b. 147, f. 327-328	Book 1-2: Telescope	1922-1925
b. 147, f. 329	Book 3: Photo-electric	undated
b. 147, f. 330-334	Book 4-8: Photo Electric Photometry	1933-1935
b. 148, f. 335	Book 9-15: Photo Electric Photometry	1935-1936
b. 149, f. 336-343	Book 16-23: Photo Electric Photometry	1937-1940
b. 150, f. 344-351	Miscellaneous research notes	1904-1947, undated
b. 151, f. 352	Newton, H.A.: research notes	undated
	Notebooks	
b. 151, f. 353	Division of Errors of Scale	1887
b. 151, f. 354	EandH Position Circle Sun Division Errors of Scales	1886-1887
b. 151, f. 355	1 Observations on Saturn Asaph Hall, Jr.	1885

## VIII. Research Data &gt; Notebooks (continued)

b. 151, f. 356	2 Observations on the Cygnus stars Asph Hall, Jr.	1885-1886
b. 151, f. 357-358	3 and 4 Asph Hall, Jr.	1886
	Chase, F.L.	
b. 151, f. 359-360	1C, 2C: Observations for Triangulation of Victoria Comparison Stars	1890
b. 151, f. 361	3C.: Observations with Equatorial: Zona's Comet, asteroids and C and C	1891
b. 151, f. 362	4C: Observations for Triangulation of Principal Stars in Conrae Berenices	1891
b. 152, f. 363-364	5C, 6C	1892-1893
b. 152, f. 365	7C: Observation of Stars with Large Proper Motions for Determination of Parallax	1893
b. 152, f. 366-372	8C-14C	1893-1904
b. 153, f. 373-376	15C-18C	1907-1912
b. 153, f. 377	19C: XI Heliumeter Observations: M.F. Smith and notebook for Collostat	1912
b. 153, f. 378-382	Miscellaneous	1926-1956, undated
b. 154, f. 383-383a	Observations	1933, 1945-1946
b. 154, f. 384	Observations: University Observatory Oxford	1888
b. 154, f. 385	Oliver, C.P. and H.L. Alden: notes and papers	1921, undated
b. 154, f. 386-387	Particle Dynamics: examples and theory	undated
b. 154, f. 388	P.E. data	undated
b. 154, f. 389	Photometer room, data for	undated
b. 154, f. 390	Printed material and research notes	1926-1933
b. 154, f. 391-395	Publications, miscellaneous	1881-1939
b. 154a, f. 395a	Publications, miscellaneous	1845-1952
b. 155, f. 396-402	Research notes	undated, 1924
b. 156, f. 403-404	Rieffer clock No. 22- and 226	1921-1945
b. 156, f. 405-406	Rigid: Lecture samples and useless notes	undated
b. 156, f. 407-408	Saturn	1926-1927
b. 156, f. 409	Solar Eclipse (found among Ellsin Heliumeters records)	1925



## VIII. Research Data (continued)

b. 156, f. 410	Spectroscopic Binaries	1940
b. 156, f. 411-413	Tables of the Moon	undated
b. 157, f. 414-416	Tables of the Moon	undated
	Tables of the Moon	
b. 157, f. 417	Asteroid statistics	undated
b. 157, f. 418	Developments used in preparing manuscript for second part of theory	1936-1937
b. 157, f. 419	Distribution of perhelia and nodes	undated
b. 157, f. 420	Earlier developments and draft of parts of the theory: J.8.	undated
b. 157, f. 421	Theory of Equations	undated
b. 157, f. 422	Thermometer calibrations	1868-1943
b. 157, f. 423	Voigthlander, Lunar eclipse	1939-1941, 1949
b. 157, f. 424	Young, A.S.: material used for revision	1933
b. 158, f. 425	Zeiss camera	1938-1939
b. 158, f. 426-427	Zenith tube: observatory, record book	1915-1922
b. 159, f. 428	Transit and clock observations. Yale University (Ledger)	1908-1913
	IX. Financial Records	1882-1959
b. 160, f. 1	Ledger	1882-1887
b. 160, f. 1a	Ledger	1925-1930
b. 160, f. 2	Ledger	1929-1961
b. 161, f. 3-5	Ledger	1933-1958
b. 162	Remittance slips	1943-1959

## **Accession 1979-A-003: Correspondence, 1848**

The materials are open for research.

b.1

Smith, H. L., ALS to Francis Bradley re: claims made by E. P. Mason

1848 February 14

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## Accession 2008-A-128: Department of Astronomy records, 1873-1993

The materials are open for research.

b. 1, f. 1	Unmarked binder	
b. 1, f. 2	Parallaxes	1976-1978
b. 1, f. 3	Log	1943-1957
b. 1, f. 4	Property book	1889-1926
b. 1, f. 5	Bethany Dedication, etc	1957-1958
b. 1, f. 6	Bethany ano date 135 Prospect Street	1950, 1961
b. 1, f. 7	Yale Historical ano date Biographical	1941-1970
b. 1, f. 8	Gifts	1950-1960
b. 1, f. 9	Eros (Lano date-Rabe)	1952-1967
b. 1, f. 10	Yale - Instruments	1925-1950
b. 1, f. 11	Loomis Project	1914-1967
b. 1, f. 12	M. Ruddock - Clocks Waldo	1875-1938
b. 1, f. 13	Correspondence - Letters to South America -Gibson II	1971-1975
b. 1, f. 14	Correspondence -Letters to Hughes, Cesco, Samuels, Victoria ano date Gibson	1966-1971
b. 1, f. 15	YC Correspono dateence	1967-1973
b. 1, f. 16	Correspondence from Gibson	1970-1975
b. 1, f. 17	Quality of plates consignments, Y-C	1968-1970
b. 1, f. 18	El Leoncito Buildings	1961-1962
b. 1, f. 19	I.A.U. Coll. 35	1976
b. 1, f. 20	Sydney Plates -Final	1914
b. 1, f. 21	Brouwer	1920-1990
b. 1, f. 22	Brouwer Bibliographies	1943-1969
b. 1, f. 23	Correspondence regarding Dirk Brouwer	1993
b. 1, f. 24	Sheffield Telescope	1934-1983
b. 1, f. 25	Winchester ano date observatory ano date heliometer	1882-1933
b. 1, f. 26	Before and After	1968
	Photographs	
b. 1, f. 27	Butler telescope	1959

Photographs (continued)

b. 1, f. 28	Bethany Observation Station	1959
b. 1, f. 29	40-Inch Ritchey-Cretien type Reflector	1966
b. 1, f. 30	Catalogue Camera	1954, 1961
b. 1, f. 31	Hastings, C.S.	1916-1982
b. 1, f. 32	Telescopes - Johannesburg A copy of this material is available in digital form from Manuscripts and Archives. Contact Manuscripts and Archives at <a href="mailto:beinecke.library@yale.edu">beinecke.library@yale.edu</a> to request access to the digital copy.	1925, 1930-1934
b. 1, f. 33	Measuring Instruments	1961
b. 1, f. 34	Yale ?	1908
b. 1, f. 35	135 Prospect Street	1956
b. 1, f. 36	Prospect and date Canner Street Observatory	1873-1955
b. 1, f. 37	Radio Astronomy	1963
b. 1, f. 38	Reed Telescope	1882
b. 1, f. 39	Conn. Academy	1994
b. 2, f. 40	Jackson C. to DB	1964
b. 2, f. 41	Australia	1963
b. 2, f. 42	Index to Brouwer files relevant to Dorrit Hoffleit history	1931-1932
b. 2, f. 43	Bibliography	1931-1932
b. 2, f. 44	Program of the One Hundred-Eleventh meeting of the American Astronomical Society	1962
b. 2, f. 45	Brouwer Bibliographical	1902-1966
b. 2, f. 46	Correspondence Gold Medal RAS	1955
b. 2, f. 47 - 48	Brown, E.W.	1938
b. 2, f. 49	Brown Funo date	undated
b. 2, f. 50	Comparators	1928-1934
b. 2	Elkin General file	1887-1936
Ford Foundation		
b. 2, f. 51 - 54	Ford Foundation	1960-1963
b. 2, f. 55	Report	1963
b. 2, f. 56	First Progress report	1962
b. 2, f. 57	Second Progress report	1963

Ford Foundation (continued)

b. 2, f. 58	Third Progress report	1965
b. 2, f. 59	Recon Ins.	1964
b. 2, f. 60	current	1965
b. 2, f. 61	Fundraising and foundations	1909-1957
b. 2, f. 62	Graduate Students	1923-1961
b. 2, f. 63	H	1906-1923
b. 2, f. 64	Hill, George William	1899-1936
b. 2, f. 65	Hill lectures	1938-1942
b. 2, f. 66	D.B. to Cyril Jackson	1964-1966
b. 2, f. 67	Jackson, Cyril	1964-1966
b. 2, f. 68	Loan	1932-1965
b. 2, f. 69	Least Squares	1922-1933
b. 2, f. 70	L	1921
b. 2, f. 71	Lunar Theory	undated
b. 2, f. 72	M	1928
b. 2, f. 73	Maps (foreign)	1911-1915
b. 2, f. 74	Moon	undated
b. 2, f. 75	National Academy of Sciences	1911-1915
b. 2, f. 76	Newspaper clippings, etc	1939-1967
b. 2, f. 77	O (obituaries)	1890-1974
b. 2, f. 78	Oort	1952
b. 2, f. 79	P	1924
b. 2, f. 80	Photography	1904-1937
b. 2, f. 81	S	1920-1923
b. 2, f. 82	CD (?)	undated
b. 2, f. 83	Frank Schlesinger bibliographical	1871-1945
b. 2, f. 84	Provost	1962-1967
b. 2, f. 85	Notes on Astronomy in Northern Hemisphere	1751-1960
b. 3, f. 86 - 87	Schlesinger	1901-1943
b. 3, f. 88	Division of Science	1960-1962

b. 3, f. 89	NSF Panel	1952-1954
b. 3, f. 90	Treasurer's statements	1942-1955
b. 3, f. 91	Advisory Committee of National Sciences	1959
b. 3, f. 92	International Astronomical Union on Sadler, etc	1961-1962
b. 3, f. 93	Argentina misc.	1956-1958
b. 3, f. 94	NIF	1954-1956
b. 3, f. 95	NSF	1956-1957
b. 3, f. 96	Site survey	1958-1959
b. 3, f. 97	Plan for 20-inch So. Hemisphere	1953-1956
b. 3, f. 98	U.S. Naval Observatory	1966
b. 3	Determinations of Periodic, Progressive, and date Guiding Way Errors on the Mann Engine	1965-1969
b. 3, f. 99	17" Measuring Engine	1959
b. 3, f. 100	Mann Engine Training and Special Purpose Notebook	1967-1969
b. 3, f. 101	Notebook	1964-1972
b. 3, f. 102	Procedure for determining engine errors	1966
b. 3, f. 103	Mann Engine errors	1968-1972
b. 3, f. 104	Machine errors	undated
b. 3, f. 105	Determinations of periodic, progressive and guiding way errors on the Gaertner machine	1961-1963
b. 3, f. 106	Engine corrections	1933-1956
b. 3, f. 107	Army Map Service -General reports, etc.	1962
b. 3, f. 108	BPM catalogues	1967-1969
b. 3, f. 109	Solar reflex	undated
b. 3, f. 110	Status reports	1962-1969
b. 3, f. 111	Possible common proper motion stars in the South Polar Zone catalogue	undated
b. 3, f. 112	Army map service proposal	1960-1963
b. 3, f. 113	Zone 5	undated
b. 3, f. 114	Proposals Yale	1969-1972
b. 3, f. 115	Progress report	1979-1982
b. 3, f. 116	Available tapes	1975

b. 3, f. 117	Funo dates	1983
b. 3, f. 118	Measuring procedures for South Polar Cap	1966
b. 3, f. 119	Misc. folder	undated
b. 3, f. 120	C	1925-1926
b. 3, f. 121	D	1922-1926
b. 3, f. 122	Johannesburg	1923-1924
b. 4, f. 123	Latitude	1924
b. 4, f. 124	Moon Plate data	1952
b. 4, f. 125 - 126	South Pole	1959-1968
b. 4, f. 127	Measuring procedure	1965
b. 4, f. 128	Unnamed folder	1968-1970
b. 4, f. 129	Measurement changes: South Pole Cap	1969-1970
b. 4, f. 130	Mann Measuring Engine	undated
b. 4, f. 131	Measuring cards residuals for New Mann Engine	1965
	Logs	
b. 4, f. 132 - 136	D. Hoffleit Logs	1959-1961
b. 4, f. 137 - 141	Measuring Engine	1961-1962
b. 4, f. 142 - 151	South Polar Cap	1963-1967
b. 4, f. 152 - 157	Misc Logs	1955, 1961-1967
b. 5, f. 158	Meteor Counts Plan A	1934
b. 5, f. 159	Meteor Counts Plan B	1934`
b. 5, f. 160	Meteor Positions Asteroid Plates	undated
b. 5, f. 161 - 167	Zone -60 to -70	1962-1963
b. 5, f. 168	Zone -60 to -70 notes	1975
b. 5, f. 169	Sydney Plates -Replacements for Zone (Reg 33-34)	1962-1964
b. 5, f. 170 - 177	South Polar Cap (books 11-19)	1968-1970
b. 5, f. 178	Telescopic Meteors and photographic- AI	undated
b. 5, f. 179	Telescopic Meteors	undated
b. 5, f. 180	Mt. Tabor	undated
b. 5, f. 181	Lunar meteor observations	1934

Logs (continued)

b. 5, f. 182	Various observations	1927-1931
Photographs		
b. 5, f. 183	Dick Brower	undated
b. 5, f. 184	Denison Olmsted	undated
b. 5, f. 185	William L. Elkin	undated
b. 5, f. 186	Fireball	1893
b. 5, f. 187	Unidentified photo	undated
b. 5, f. 188	One Hundredth-Eleventh Meeting of the American Astronomical Society	1962
b. 5, f. 189	Bethany Station (negatives)	1958
Negatives of Yale Telescope Model		
b. 6	S.A. Telescope Model A	undated
b. 6	S.A. Telescope Model B	undated
b. 6	Yale Telescope Model C	undated
b. 7	Group photographs	



**Accession 2015-A-052: Records, 1913-1931**

The materials are open for research.

b. 1, f. 1	Catalogue of Parallaxes	1924
	Observation books	
b. 1, f. 2	Undated	Undated
b. 1, f. 3	Undated	Undated
b. 1, f. 4	1913-1914	1913-1914
b. 1, f. 5	1914	1914
b. 1, f. 6	1915-1923	1915-1923
b. 1, f. 7	1916	1916
b. 1, f. 8	1921-1925 Includes observations by Dorothy Cabot and correspondence from Frank Schlesinger to the Lick Observatory in San Jose, California.	1921-1925
b. 2, f. 1	1922-1923	1922-1923
b. 2, f. 2	1924 Includes historical data from 1915-1922	1924
b. 2, f. 3	1926-1930	1926-1930
b. 2, f. 4	1928-1930	1928-1930
b. 2, f. 5	1929-1931	1929-1931

**Accession 2019-A-0024: Records, 1967-1979**

Open for research.

40 inch radio telescope logbooks		
b. 1, f. 1	1967-1968	1967-1968
b. 1, f. 2	1967-1968	1967-1968
b. 1, f. 3	1969	1969
b. 1, f. 4	1968-1969	1968-1969
b. 1, f. 5	1968-1979	1968-1979
1 meter radio telescope observing books		
b. 1, f. 6	1969-1970	1969-1970
b. 1, f. 7	1970	1970
b. 1, f. 8	1970-1971	1970-1971
b. 1, f. 9	Photographs of the radio telescope	Undated

**Accession 2022-A-0048: Records, 1925–2010, 1960–1999**

Restricted until January 1, 2036

Cerio Tolo Inter-American Observatory (CTIO)		
b. 1, f. 1	400-inch telescope to CTIO	1972
b. 1, f. 2	Southern Proper Motion Program (SPM)	1978–1985
Course materials		
ASTR 110a		
b. 2, f. 1	1975–1976	1975–1976
b. 2, f. 2	1980	1980
b. 2, f. 3	1983	1983
b. 2, f. 4	1984	1984
b. 2, f. 5	1986	1986
b. 2, f. 6	ASTR 237a Spectroscopy	1963
b. 2, f. 7	ASTR 311 Galactic Structure	1969
b. 2, f. 8	ASTR 355/555 Atmosphere, CCDs, Photometry and Astrometry	2001–2003
b. 2, f. 9	ASTR 355/555 Optics	2002
b. 2, f. 10	ASTR 381 Teaching Responsibilities	1972
b. 2, f. 11	ASTR 411 Spectral Classification	1968
b. 2, f. 12	ASTR 575 The Atmosphere	Undated
b. 2, f. 13	ASTR 575 Binary Stars	2003
b. 2, f. 14	ASTR 575 CCDs, Drift and Stare Astrometry	Undated
b. 2, f. 15	ASTR 575 Cluster Proper Motions	Undated
b. 2, f. 16	ASTR 575 Fundamental Astrometry	Undated
b. 2, f. 17	ASTR 575 Photography and Measuring Machines	Undated
b. 2, f. 18	ASTR 575 Statistics and Probability Plotting	Undated
b. 2, f. 19	ASTR 575 Topics in Astrometry	2003
b. 2, f. 20	EAS 110b Space Telescope	1985
b. 2, f. 21	PS 198 Perspectives on Science	1995
Department Chair files		
Larson, Richard		

## Department Chair files &gt; Larson, Richard (continued)

b. 3, f. 1	Advisory committee	1983–1986
b. 3, f. 2	Awards	1981–1987
b. 3, f. 3	Faculty upgrades and loans	1981–1987
b. 3, f. 4	Long range department plan	1979
b. 3, f. 5	National Science Foundation correspondence	1981–1987
b. 3, f. 6	Project ELI	1985
b. 3, f. 7	Provosts and Deans	1986–1989
b. 3, f. 8	Reaccreditation review	1979
Oemler, Augustus		
b. 3, f. 9	Astronomy department general files	1988
b. 3, f. 10	Budgets	1990–1991
b. 3, f. 11	Buildings	1980–1992
b. 3, f. 12	Correspondence	1990
b. 3, f. 13	Department statistics and correspondence	1987–1990
b. 3, f. 14	Evaluations	1990–1991
b. 3, f. 15	Fellowships	1975–1980
b. 3, f. 16	Honorary degrees	1978–1989
b. 3, f. 17	Physics/Cosmology	1988–1989
b. 3, f. 18	Policies and procedures	1986–1989
b. 3, f. 19	Restructuring	1992
b. 3, f. 20	Trumpler award	1982
b. 3, f. 21	Warner/Pierce prize	1978–1979
b. 3, f. 22	Yale Liaison Program	1980–1981
Van Altena, William		
Advisory Committee on Astronomical Sciences		
b. 3, f. 23	Correspondence	1991–1993
b. 3, f. 24	Meeting minutes	1991
b. 3, f. 25	Meeting minutes	1992–1993
b. 3, f. 26-27	Advisory Committee for Physical Sciences and Engineering	1984–1985
b. 3, f. 28	American Astronomical Society	1974–1980

## Department Chair files &gt; Van Altena, William (continued)

b. 3, f. 29	Annual report	1991
b. 3, f. 30	Appointments	1975
b. 3, f. 31	Astrometric satellite	1983-1988
b. 3, f. 32	Astrometry working group	1979-1980
b. 3, f. 33	Astronomy and Astrophysics survey	1970-1980
b. 4, f. 1-2	Astronomy Department science verification	Undated
b. 4, f. 3	Astro-science workshop	1966-1985
b. 4, f. 4	Bessell report	1969
b. 4, f. 5	Bethany Observatory	1981
b. 4, f. 6	CCD strip scanning	1996
b. 4, f. 7	Committee on Senior Appointments in the Physical Sciences - meeting minutes	1985
b. 4, f. 8	Department prospectus	1978
b. 4, f. 9	Nitrogen burst	1970-1982
b. 4, f. 10	Palomar print diameter measures	1969
b. 4, f. 11	Personnel	1975-1981
b. 4, f. 12-13	Physics and Engineering Advisory Committee	1991-1992
b. 4, f. 14	Plate vault	1970-1971
b. 4, f. 15	Radio astronomy	1976-1977
b. 4, f. 16	Space Telescope Science Institute Advisory Committee	1984
b. 4, f. 17	Teaching and Learning Committee	1987-1988
b. 4, f. 18	Teaching and Learning Committee	1993-1994
b. 4, f. 19	Ultraviolet Optical Infrared Panel meeting	1980
b. 4, f. 20	University Council on the Physical Sciences	1973-1980
b. 4, f. 21	Yale Science and Engineering Association	1976-1980
Leitner Family Observatory		
b. 5, f. 1	Annual report	2009-2012
b. 5, f. 2	Black holes	2010
b. 5, f. 3	Budget	2011
b. 5, f. 4	Docent training-handbook	2010-2013
b. 5, f. 5	Docent training	2009-2010

## Leitner Family Observatory (continued)

b. 5, f. 6	Docent volunteers	2009–2011
b. 5, f. 7	Donations	2009
b. 5, f. 8	Education partnerships for New Haven	2010
	Galileo Educator Workshop	
b. 5, f. 9	General files	2013
b. 5, f. 10	Agenda and notes	2013
b. 5, f. 11	School visits	2013–2014
b. 5, f. 12	Inquiries	2009–2014
b. 5, f. 13	International Year of Astronomy	2009
b. 5, f. 14	NHPS Science Fair judges	2010–2012
b. 5, f. 15	Other groups	2009
b. 5, f. 16	Personnel	2009–2014
	Public events	
b. 5, f. 17	2009–2012	2009–2012
b. 5, f. 18	2011–2013	2011–2013
	School groups	
b. 5, f. 19	2009–2010	2009–2010
b. 5, f. 20	2011–2012	2011–2012
b. 5, f. 21-22	2013–2014	2013–2014
b. 5, f. 23	Schools	2009–2013
	Scripts	
b. 5, f. 24	Black holes	2011
b. 5, f. 25	Dark Matter	2010
b. 5, f. 26	Exo Planets	2011
b. 5, f. 27	Moon Phases	2009
b. 5, f. 28	Oasis in Space	Undated
b. 5, f. 29	Seasons	2009
b. 5, f. 30	Sky Script	2009–2012
b. 5, f. 31	Tour of the Universe	Undated
b. 5, f. 32	Two Small Pieces of Glass	Undated

## Leitner Family Observatory &gt; Scripts (continued)

b. 5, f. 33	Yale Researchers	2009
b. 5, f. 34	Star Lab	Undated
b. 5, f. 35	Transit of Venus	2012
El Leoncito Observatory		
b. 6, f. 1	Argentina visit	1967-1976
b. 6, f. 2	Astromechanics	1966-1984
b. 6, f. 3	Autoguider	1962-1970
b. 6, f. 4	Autoguider-plate holders from Lick Observatory	Undated
b. 6, f. 5	CCD autoguider	1991-1992
Correspondence		
b. 6, f. 6	1965-1970	1965-1970
b. 6, f. 7	1971-1973	1971-1973
b. 6, f. 8	Correspondence-G.M. Clemence	1970-1971
b. 6, f. 9	Correspondence and research	1967-1973
b. 6, f. 10	Engineering study-Argentina	Undated
b. 6, f. 11	Perkin Elmer yellow filter	1962-1969
b. 6, f. 12	Personnel	1964-1966
b. 6, f. 13	Preliminary engineering study	1961-1966
b. 6, f. 14	Southern station	1955-1966
b. 6, f. 15	Telescope objective	1968
b. 6, f. 16	Weather reports and plate inventory engineering study	1971-1973
b. 6, f. 17	Wesslink report	Undated
International Astronomical Union (IAU)		
b. 7, f. 1	Addresses	1990-1994
b. 7, f. 2	Argentina conference	1991-1992
b. 7, f. 3	Argentina conference	1992-1994
b. 7, f. 4	Australia conference	1973
b. 7, f. 5	Baltimore conference	1988
b. 7, f. 6	Brighton conference	1972
b. 7, f. 7	Buenos Aires conference and commission	1990-1991

## International Astronomical Union (IAU) (continued)

b. 7, f. 8	Grenoble conference	1976
b. 7, f. 9	Circular letters	1990
	Commission files	
b. 7, f. 10	1973-1988	1973-1988
b. 7, f. 11	1976-1985	1976-1985
b. 7, f. 12	1985-1994	1985-1994
b. 7, f. 13	1986	1986
b. 7, f. 14	1988-1994	1988-1994
b. 7, f. 15	1990-1991	1990-1991
b. 7, f. 16	1991	1991
b. 7, f. 17	1991	1991
b. 7, f. 18	1993-1996	1993-1996
b. 7, f. 19	Executive Committee correspondence	1990-1991
b. 7, f. 20	General Assembly organization of program	1991
b. 7, f. 21	General Assembly-Montreal conference	1979
b. 7, f. 22	National Research Council	1980-1982
b. 7, f. 23	Prague conference	1967-1970
	Wisconsin-Indiana-Yale National Optical Astronomy Observatory (WIYN)	
	Board meetings	
b. 8, f. 1	1991	1991
b. 8, f. 2	1994	1994
b. 8, f. 3	1996	1996
b. 8, f. 4-5	1997	1997
b. 8, f. 6-7	1998	1998
b. 8, f. 8-9	1999	1999
b. 8, f. 10-11	2000	2000
b. 8, f. 12-13	2001	2001
b. 8, f. 14-16	2002	2002
b. 8, f. 17-18	2003	2003
b. 8, f. 19	2004	2004



Wisconsin-Indiana-Yale National Optical Astronomy Observatory (W [...] > Board meetings  
(continued)

b. 9, f. 1	2004	2004
b. 9, f. 2-3	2005	2005
b. 9, f. 4	2006	2006
b. 9, f. 5-6	2007	2007
b. 9, f. 7-8	2008	2008
b. 9, f. 9-10	2009	2009
b. 9, f. 11	2010	2010
Yale Southern Observatory (Yale-Columbia Southern Observatory)		
Agreements and correspondence		1962-1996
Annual meetings		
b. 10, f. 1	1962-1996	1962-1996
b. 10, f. 2	1963-1980	1963-1980
b. 10, f. 3	1992	1992
b. 10, f. 4	1993	1993
b. 10, f. 5	1995	1995
b. 10, f. 6	1996-1997	1996-1997
b. 10, f. 7	1997	1997
b. 10, f. 8	1998	1998
b. 10, f. 9	1999	1999
b. 10, f. 10	1999	1999
b. 10, f. 11	2000	2000
b. 10, f. 12	2001	2001
b. 10, f. 13	2002	2002
b. 10, f. 14	2003	2003
b. 10, f. 15	2004	2004
b. 10, f. 16	2005	2005
b. 10, f. 17	2007-2008	2007-2008
b. 10, f. 18	2009	2009
Annual reports		
b. 10, f. 19	1975	1975

## Yale Southern Observatory (Yale-Columbia Southern Observatory) &gt; Annual reports (continued)

b. 10, f. 20	1988	1988
b. 10, f. 21	1989	1989
b. 10, f. 22	1991	1991
b. 10, f. 23	1995	1995
b. 10, f. 24	1998	1998
b. 12, f. 1	Association of Universities for Research in Astronomy	1961
b. 10, f. 25	Board meetings	1969–1972
b. 10, f. 26	Board meetings	2010
b. 10, f. 27	Business filing-State of Connecticut	2004
b. 10, f. 28	Certificate of Incorporation	1962
	Correspondence	
b. 10, f. 29	1952–1960	1952–1960
b. 10, f. 30	1960–1970	1960–1970
b. 10, f. 31	1961–1963	1961–1963
b. 10, f. 32	Brower and Victoria	1962–1975
b. 10, f. 33	1962–1969	1962–1969
b. 10, f. 34	1962–1966	1962–1966
b. 10, f. 35	1963–1970	1963–1970
b. 10, f. 36	1965–1979	1965–1979
b. 10, f. 37	1966–1969	1966–1969
b. 10, f. 38	1966–1970	1966–1970
b. 10, f. 39	1966–1971	1966–1971
b. 10, f. 40	1970–1976	1970–1976
b. 10, f. 41	1976–1988	1976–1988
b. 11, f. 1	1989–2006	1989–2006
b. 12, f. 3	Correspondence- site agreement	1925–1953
b. 11, f. 2	Donations and fringe assets	1987–2000
b. 11, f. 3	IAU symposium	1963
b. 11, f. 4	Joint operation agreement	1946
b. 12, f. 2	Maps, plans and photos	1963

## Yale Southern Observatory (Yale-Columbia Southern Observatory) (continued)

b. 11, f. 5	Meeting minutes	1963-1965
b. 11, f. 6	Polar axis agreement	Undated
b. 11, f. 7	Proper motion program	1970
b. 11, f. 8	Quality adjustment plates	1970
b. 11, f. 9	Radio communications-legal problems	1965
	Reports	
b. 11, f. 10-12	1967-1972	1967-1972
b. 11, f. 13	1973-1984	1973-1984
b. 11, f. 14	1999-2000	1999-2000
b. 11, f. 15	Southern proper motion program-observing card data	Undated
b. 11, f. 16	Statistical data	Undated
b. 11, f. 17	Telescope house plans	1961-1963
b. 11, f. 18	Twenty-fifth anniversary	1973
	Twenty-inch telescope	
b. 11, f. 19	Assembly plans	1966
b. 11, f. 20	Astrograph lens design	Undated and 1994
b. 11, f. 21	Astrograph lenses	1960-1962
b. 11, f. 22	Astrograph shipment	1963-1965
b. 11, f. 23	Double astrograph-electrical	Undated
b. 11, f. 24	Double astrograph refractor proposal	1961
b. 11, f. 25-26	Drawings	Undated
b. 11, f. 27	Mountings for gratings	Undated
b. 11, f. 28	Perkin Elmer drawings	1962
b. 11, f. 29	Reports and correspondence	1960-1962

**Accession 2023-A-0005: Records, 1962-2013**

Restricted until January 1, 2085.

## Administrative records

b. 1, f. 1	Astronomy department retreat meeting	2008
b. 1, f. 2	Brouwer Fund-correspondence and acknowledgements	1966
b. 1, f. 3	David A. Mann Co. correspondence and specifications	1962-1965
b. 1, f. 4	Perkin Elmer-optics correspondence and specifications	1963

## Faculty files

## Observatories

b. 1, f. 25	Association of Universities for Research in Astronomy (AURA) - observatory correspondence and agreements (SMARTS)	2003-2007
b. 1, f. 26	Astrophysical Research Consortium-Apache Point observatory	1985-1986
b. 1, f. 27	Bethany Observatory Station-NSF proposal	1961
Cerro Tolo Inter-American Observatory (CTIO)		
b. 1, f. 28	1-meter schedules	1979-1981
b. 1, f. 29	40-inch telescope acquisition correspondence	1972
b. 1, f. 30	CTIO correspondence	1981-1985
Keck Observatory		
b. 1, f. 31	Correspondence and information	1990
b. 1, f. 32	Yale-Caltech memorandum of understanding	2008
Kitt Peak National Observatory		
b. 1, f. 33	2-meter internal telescope	1986-1987
b. 1, f. 34	2-meter telescope: proposal and documentation	1979-1988
b. 1, f. 35	40-inch telescope	1965-1972
b. 1, f. 36	National observatories	1988
b. 1, f. 37	Yale-Colorado alliance	1986-1987
b. 1, f. 38	La Palma Observatory-correspondence and specifications	1989
b. 2, f. 1	Large Telescope Consortium	1983-1986
b. 2, f. 2	Mount Kono Observatory-AURA 40-inch telescope	1970-1972
Mount Stromlo Observatory		
b. 2, f. 3	40-inch reflector	1965

## Observatories &gt; Mount Stromlo Observatory (continued)

b. 2, f. 4	40-inch telescope purchase orders	1963
b. 2, f. 5	Bollier and Chivens: 40-inch telescope	1963–1965
b. 2, f. 6	Multi-University Consortium: 2.4-meter telescope	1982
b. 2, f. 7	National Optical Astronomical Observatories (NOAO): 8-meter telescope	1990
b. 2, f. 8	Northeast Association for Research in Astronomy	1970
Wisconsin-Indiana-Yale National Optical Observatory (WIYN)		
b. 2, f. 9	3.5-meter telescope	1991
b. 2, f. 10	Agreement	1991–1994
b. 2, f. 11	Board meeting and documentation	1989–1991
b. 2, f. 12	Construction schedule	1991–1995
b. 2, f. 13	Fundraising	1986–1990
b. 2, f. 14	Instrument adapter subsystem	1992
b. 2, f. 15	Operations	Undated
b. 2, f. 16	Mirror lenses	1991–1993
b. 2, f. 17	Photographs	Undated
b. 2, f. 18	Press clippings	1990–1994
b. 2, f. 19	Project status	1990
b. 2, f. 20	Science instrument interface	1992
b. 2, f. 21	Scheduling	1995
b. 2, f. 22	Telescope observing proposal	1994–1995
b. 2, f. 23	Yale internal correspondence	1988–1990
Yale Southern Observatory (YSO)		
b. 2, f. 24	40-inch telescope optics	1962–1965
b. 2, f. 25	Agreements and bylaws	1963–1966
b. 2, f. 26	Agreement	2007
Annual meeting		
b. 2, f. 27	1966–1970	1966–1970
b. 2, f. 28	1975–1980	1975–1980
b. 2, f. 29	1987	1987
b. 2, f. 30	1988	1988

## Observatories &gt; Yale Southern Observatory (YSO) &gt; Annual meeting (continued)

b. 2, f. 31	1993-1994	1993-1994
b. 2, f. 32	2000-2001	2000-2001
b. 2, f. 33	Annual report, minutes, and scientific report	1995
b. 2, f. 34	Foreign workers	2002-2003
b. 2, f. 35	Historical background	1996
b. 2, f. 36	Meeting minutes	1983-2009
b. 2, f. 37	Meeting minutes	2006
Student files		

## **Selected Search Terms**

The following terms have been used to index the description of this collection in the Library's online catalog. They are grouped by name of person or organization, by subject or location, and by occupation and listed alphabetically therein.

### **Subjects**

Astronomers  
Astronomical observatories  
Astronomy -- Research  
Astronomy -- Study and teaching  
Observatories  
Universities and colleges -- Administration  
Universities and colleges -- Departments

### **Corporate Bodies**

Association of Universities for Research in  
Astronomy  
Yale University. Department of Astronomy  
Yale University. Observatory  
Yale University -- Administration  
Yale University -- Curricula  
Yale University -- Faculty  
Yale University -- Finance

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