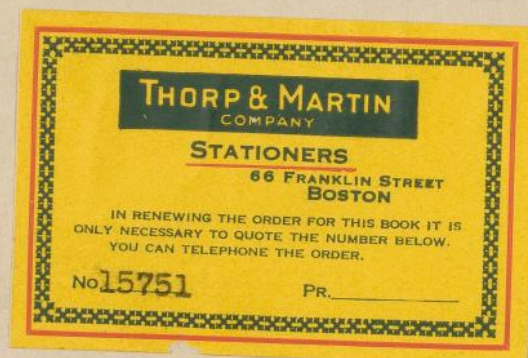


1878phae.proj..921E

KG
11365
919

XG 11365.919



[illegible]

RY Centauri Marked on AM 15166
AX 1060

Plate	Date	J.D.	Estimate	Remarks
AX-491		23906	k-m	
AX-526		23918	Invisible-k	
AX-525		23918	"-k	
AX-531		23919	h-k	
AX-550		23930	m	
AX-606		23958	Not visible h	
AX-585		23941	" " r	
AX-638		23964	gr	
AX-650		23967	Not visible m	
AX-662		23969	" " r	
AX-663		23969	" " m	
AX-723		23993	" " m	
AX-746		24002	Not visible m	
AX-786		24026	Not visible r	
AX-792		24033	h-k	
AX-473		23905	h-k	
AX-503		23909	m	
AX-607		23959	Not visible r	
AX-620		23961	" " m	
AX-639		23964	Not visible r	
AX-681		23972	" " m	
AX-729		23996	" " r	
AX-779		24025	Invisible m	
AX-1011		24245	h	
AX-1031		24270	r	
AX-1048		24285	Invisible m	
AX-1047		24285	" r	

Plate	Date	J.D.	Estimate	Remarks
AX-1055-		24286	Not Visible - N	
AX-1068		24289	" " N	
AX-1071		24292	" " m	Near Edge of Plate
AX-1079		24294	Not visible m	
AX-1085-		24296	Not visible N	
AX-1136		24313	[N]	
AX-1140		24314	Not visible m	Near edge of plate
AX-1145		24317	Not visible m	
AX-1144		24317	Not visible m	
AX-1177		24322		
AX-1194		24327	Not visible N	
AX-1201		24328	not visible N	
AX-1219		24348	not visible m	
AX-1218		24348	Not visible N	
AX-1221		24349	Not visible N	
AX-1230		24354	" " N	
AX-1241		24356	Not visible N	
AX-1248		24359	Not visible - N	
AX-1263		24370	not visible m	
AX-1262		24370	" " N	
AX-1273		24374	not visible N	
AX-1278		24375	not visible m	
AX-1302		24399	Not visible m	
AM-27	July 29, '99	14865	Not visible g.	
AM-398	Mar. 30, 1900	15109	Not visible B.	
AM-454	May 7, 1900	15147.732	" g. " B.	
AM-625	July 19, 1901	15220.605	Not visible	
AM-745	Mar. 30, 1901	15474.664	Not visible B.	

Plate	Date	J.D.	Estimate	Remarks
AM 815	May 29, 1901	15533.603	g-h	
AM 937	July 24, 1901	15590.609	Not visible g	
AX 1565		24621	[I] r	
AX 1569		24622	Er	
AX 1573		24623	r	
AX 1574		24623	Invisible m	
AX 1596		24641	[Er	
AX 1601		24641	Invisible m	Near edge of plate
AX 1600		24641	[Er	
AX 1609		24643	[Er	
AX 1613		24644	Not visible r	
AX 1631		24649	[Er	
AX 1638		24651	Not visible m	
AX 1646		24653	Not visible r	
AX 1664		24667	[I] r	
AX 1670		24669	[Er	
AX 1674		24670	Not visible r	
AX 1678		24671	[I] r	
AX 1693		24672	Not visible m	
AX 1699		24678	Er	
AX 1722		24697	[I] r	
AX 1726		24698	[Er	
AX 1742		24703	[I] r	
AX 1745		24704	[I] r	
AX 1759		24707	[Er	
AX 1815		24731	Invisible r	
AX 1816		24731	Invisible r	
AX 1826		24733	[Er	

Plate	Date	J. D.	Estimate	Remarks.
AX 1835-		24739	r	
AX 1852		24753	Invisible m	
AX 1873		24762	Invisible r	
AX 1875-		24766	Invisible m	
AM 15885-		23232	g-h	
AM 5420		18061.646	h-m	
AM-8476		19602.544	f	
AM 9999		20342	Not visible h	
AM 10390		20394.752	Not visible h	
AM 10484		20612.609	Not visible g	
AM 10707		20668.619	Not " d	
AM 11012		20727.483	" " d	Near edge of disk
AM 11923		21023.554	" " f	
AM 12992		21332.710	" " f	
AM 13266		21343.549	" " c	
AM-60		14871	" " h	
AM-106		14891	" " m	
AM-412		15114	" " g	
AM-497		15189	" " k	
AM-529		15221	" " h	
AM-764		15499	" " m	
AM-840		15543	" " m	
AM-979		15607	h-m	
AM-1174		15842	Not visible g	
AM-1188		15847	" " k	
AM-1205		15858	" " m	

Plate	Date	J.D.	Estimate	Remarks
AM-1212		15 868	Not visible m	
AM-1324		15 911	" " h	
AM-1332		15 912	[m	
AM-1362		15 915	m-n	
AM-1373		15 918	Not visible m	
AM-1388		15 926	" " h	
AM-1512		15 983	c-d	
AM-1826		16 166	Not visible h	
AM-1853		16 208	" " h	
AM-1861		16 222	" " h	
AM-1979		16 267	f	
AM 2045		16 282	[c	
AM-2073		16 293	b-c	
AM-2169		16 331	g-h	
AM-2507		16 578	Invisible h	
AM 2548		16 587	h-h	
AM 2607		16 605	Ec	
AM 2633		16 608	Ed	
AM 2687		16 633	c-d	
AM 2737		16 643	e	
AM 2815		16 668	h-h	
AM 2845		16 682	h-h	
AM 2905		16 695	Not visible m	
AM 3402	Mar. 28, 1905	16 933	h	
AM 3429		16 937	g-h	
AM 3523		16 977	h	
AM 3584		17 000	h-h	
AM 3630		17 010	Not visible m	

6

Plate	Date	f. D.	Estimate	Remarks
AM 3702		17037	Imm	
AM 3774		17068	Not visible h	
B 28079		15543	Imm	
B 29272		15843	Imm	
AM 1235		15872.761	Not visible g	
AM 1249		15885.630	" " h	
AM 1284		15898.594	" " f	
AM 1413		15933	" " g	
B 30286		15933	h-h	
AM 1434		15940.506	Not visible e	Very near edge of plate
AM 1453		15942.655	" " g	
B 30524		15971	d]	Very near edge
AM 1908		16240.588	Not visible k	
AM 1924		16242.654	" " h	
AM 1936		16249.724	" " h	
AM 1971		16264.669	" " g	
B 32039		16289	d-e	
AM 2090		16298.600	c-d	
AM 2113		16309.550	d]	
AM 2259		16361.528	Not visible g	
AM 2273		16375	" " d	
AM 2460		16496.865	" " c	
AM 2555		16589.714	" " g	
B 33474		16594	h	Near edge of plate
B 34080		16646	c	
B 36372		17037	Imm	

Plate	Date	J.D.	Estimate	Remarks
B 37722		17759	Not visible m	
B 37733		17760	" " r	
B? 3522	June 13, 1889	11167	Not visible m	
B? 5980	May 20, 1891	11873	" " h	
B? 6261	June 11, 1891	11895-	" " m	
B? 6876	Sept. 9, 1891	11984	Em	
B 14023	July 9, 1896	13384	h]	
B 15426	Mar 16, '94	13635-	Ek	
B 15552		13657	g	Edge of plate
B 15650		13673	e	
B 15693		13684	e	
B 16051		13712	Ek	
B 16874		13728	Em	
B 17256		13798	Not visible m	
B 18298		13933	Em	
B 18529		13960	h	
B 18683	Mar. 24, '91	14008	h	
B 18946		14038	e	
B 19052		14055-	Ek	
B 19410		14083	Em	
B 19679		14107	Not visible m	
B 20115-		14156	" " r	
B 20277		14181	" " m	
B 21364		14412	Em	
B 21803		14479	Invisible m	
B 22467		14750	[Em	
B 22997		14811	Not visible r	
B 23320		14842	" " h	

Plate	Date	J. D.	Estimate	Remarks
B 23462		14850	Invisible m	
B 24881		15100	" m	
B 25106		15121	[E]	
B 25175		15136	Not visible r	
B 25182		15137	" " r	
B 25203		15142	" " r	
B 25699		15204	" " m	
B 25723		15206	" " m	
B 27265		15499	" " r	
B 15888	May 14, '96	13694	[e]	
A.M. 15585	May 13, '21	22823	Not visible g	
AM-15592	May 24, '21	22834	" " g	
AM-15607	June 13, '21	22854	" " f	
AM-15692	Apr. 19, '22	23164	[m]	
AM-15715	Apr. 27, '22	23172	Not visible e	
AM-15721	Apr. 29, '22	23174	" " h	
AM-15735	May 2, '22	23177	" " f	
AM-15743	May 3, '22	23178	[m]	
AM-15757		23180	[m]	
AM-15756		23180	Not visible h	
AM-15764		23181	h	
AM-15776	May 15, '22	23190	h-h	
AM-15802		23197	Not visible e	
AM-15817		23204	" " g	
AM-15824		23206	[g]	
AM-15840		23209	[f]	
AM-15860		23221	Not visible d	Near edge of plate
AM-15861		23221	g	

Plate	Date	J. D.	Estimate	Remarks
AM 15883		23 229	g	
AM-15891		23 233	g-h	
AM-15900		23 234	Not visible of	
AM-15915		23 236	h	
AM 15918		23 237	Not visible h	
AM 15924		23 239	h	
AM 15958		23 253	Not visible of	
AM 15967		23 255	Em	
AM 15985		23 262	h-m	
AM 16001		23 269	h	
AM 16219		23 533	d	
AM 16220		23 533	d-e	
AM 16273		23 567	c-d	
AM 16286		23 575	e	
AM 16287		23 575	e	
AM 16341		23 619	Em	
AM 16352		23 640	mer	
AM 16360		23 647	Not visible h	

10 X

RR Telescopii 195656	Marked on B 37717, B 27913			
Plate	Date	J.D.	Estimate	Remarks
1 B 44692	June 30, '14	20314	e	
B 16283			Nothing with	
B 9419			" "	
B 17373			" "	
B 22560			" "	
> B 23853	Aug 15 '99		ns seen	
> B 27521	May 29 1901	15534	ns a seen	
> B 32356	July 31 1903	16327	ns a seen	
> B 40216	May 8, 1909	18435	e]	
> B 40217	May 8 1909	18435	d	
B 41370	May 28 1910	18820	ns c seen	
> B 44264	Sept 28 1913	20039	[c	
> B 42542	Aug 2 1911	19251	ns a seen	
> B 41370	May 28 1910	18820	ns c seen	
B 32356	July 31 1903	16327	ns a seen	
B 27521	May 29 1901	15534	ns a seen	
B 5778	Sept 22 '90	11633	[c	
B 5737	Sept 16 '90	11627	ns c seen	
B 5042	May 2 '90	11490	[c	
> B 4233	Sept 16, '89	11262	[c	
> B 4131	Sept 3, '89	11249	[c	
> B 10228	Aug 26 '93	12702	[c	
> B 11640	July 21 '94	13031	a	
1 B 11791	Aug 10 '94	13051	b	
> B 12177	Sept 15 '94	13087	[b	
> B 12511	Nov. 12 '94	13145	ns a seen	
> B 15533	Apr 6, '96	13656	b-c	

Plate	Date	G.D.	Estimate	Remarks
XB15896	May 14, '96	13633	ns a seen	
XB16581	July 1, '96	13742	a]	
XB13892	July 2, '95	13377	[b	
XB14501	Sept 5 '96	13442	d]]	
XB16234	June 10, '96	13721	[b	
XB17655	Oct 13, '96	13846	c	
XB17693	Oct 14, '96	13847	[b	
XB18641	Mar 12, '97	13996	[c	
XB18972	Apr 26, '97	14041	c	
XB19285	May 29, '97	14074	[c	
XB19456	June 8, '97	14084	ns a seen	
XB19696	July 1, '97	14107	ns a seen	
XB20291	Sept 13, '97	14181	[c	
XB20570	Oct 4, '97	14202	[c	yellow.
XB22075	Oct 22, '98	14375	a]	
XB23855	Aug 15, '99	14882	c	
B24381	Oct 13, '99	14941	[b	
XB25305	May 17, 1900	15157	d]	
XB29883	May 28, 1902	15898	c-d	
XB29493	Apr 28, '02	15868	d]]	
XB31530	Apr 24, '03	16229	d]	
XB31689	May 6, '03	16241	a]	Plate shows everything double.
XB31747	May 7, 1903	? 16242	ns a seen	
XB32127	July 6, 1903	16302	c]	
XB33544	May 2, 1904	16603	d	
XB33662	May 5, '04	16606	d	
XB33631	May 4, '04	16605	ns e seen	
XB36064	May 15, '05	16981	c	

Plate	Date	J. D.	Estimate	Remarks
B 36215-	June 20, '05	17017	d	
B 36234	June 21, '05	17018	ns c seen	
B 36437	July 12, '05	17039	ns a seen	
B 36898	Sept. 6, '05	17095	[c]	
B 37704	July 1, '07	17758	d]	437704 m Variable ^{miscellaneous}
B 37937	Aug 7, '07	17795	d]	
B 37983	Aug 16, '07	17804	d]	
B 38021	Aug 19, '07	17807	d]	
B 33866	May 25, '04	16565	c-d	
B 32347	July 30, '03	16326	d]]	
B 32548	Sept 1, '03	16359	ns c seen	
B 32173	July 13, '03	16309	[c	
B 32026	June 20, '03	16296	[c	
B 29888	May 28, '02	15898	ns b seen	
B 28258	Aug 22, '01	15619	[c	
B 25508	May 31, '00	15171	d]	
B 25208	May 2, '00	15142	c	
B 25973	Sept 4, '00	15267	[c	
B 19515-	June 10, '97	14086	ns a seen	
B 13220	May 9, '95	13323	[b	
B 13752	June 12, '95	13357	a]	
B 19519	June 10, '97	14086	ns b seen	
B 19857	July 19, '97	14095	b-c	
B 22934	May 30, '99	14805	ns a seen	
B 23879	Aug. 17, '99	14884	c	Yellow
AX 1068	May 19-20 '25	24290	c	
AX 1107		24300	c-d	
AX 1164		24320	c-d	

Plate	Date	J. D.	Estimate	Remarks
AX1196		24327	d]	
AX1250		24359	n s b san	
AX1275-		24374	d	
AX1308		24402	[e	
AX1578		24626	n s b san	
AX1640		24651	d]	
AX1657		24656	d	
AX1706		24683	n s c san	
AX1735-		24700	[d	
AX1792		24713	d	
AX1837		24734	d	
AX1891		24767	[e	
AX1969		24814	n s d san	
AM16420		23688	n s b san	
AM16426		23697	n s a san	
AX601		23947	d]	
AM1210		15866	n s a san	
A7828	July 11, 1906	17403	d]]	
A2604	Aug 3, 1897	14140	b-c	
A2603	Aug 3, 1897	14140	c]]	
A5648	Sept. 11, 1901	15639	d]	
AX578		23939	c-d	
AX627		23962	d	
AX684		23972	n s c san	
AX768		24021	n s c san	
AX800		24034	n s b san	
AX864		24075-	[[c	

14

Plate	Date	J.D.	Estimate	Remarks
AX 889		24086	d	
AX 1174		24324	d]	
AX 1255		24360	d]	
AX 1299		24391	ms c seen	
AV 1333		24411	d]]	
AX 1365		24433	ms c seen	
AX 1654		24655	d	
AX 1707		24683	d]	
AX 1776		24711	d]	
AX 1828		24733	d	
AX 1878		24763	d]	
AX 1918		24786	[e	
AX 1920		24787	[e	
AX 1947		24798	[d	
AX 527		23918	ms b seen	
AX 682		23972	ms c seen	
AX 773		24024	ms c seen	
AX 812		24045	e	
AX 773		24024	ms c seen	
AX 812		24045	ms a seen	
AX 862		24074	ms c seen	
AX 1153		24318	c-d	
AX 1187		24326	c-d	
AV 1246		24357	c-d	
AV 1267		24371	d	
AX 1332		24411	ms c seen	
AX 1364		24433	ms c seen	
AX 1624		24648	ms b seen	

Plate	Date	J. D.	Estimate	Remarks
AX1746		24704	n s b seen	
AX1798		24716	n s c seen	
AX1855-		24765	d	
AX1946		24798	d]	
AX616		23960	n s a seen	
AX653		23967	n s c seen	
AX1069		24290	[c	
AX1165		24328	d]	
AX1197		24327	d	
AX1251		24359	d]	
AX1276		24374	d	
AX1309		24402	d]	
AX1374		24440	[d	
AX1641		24651	n s b seen	
AX1700		24681	d]	
AX1765		24709	c-d	
AX1794	X	27713	n s c seen	
AX1838		24739	e	
AX1892		24767	n s c seen	
AX1916-		24793	n s a seen	
AX1972		24815-	[d	
AX2045-		25181	n s c seen	
AX2059		25196	n s d seen	
AX1761		24707	n s c seen	near edge of plate
AM4331		17378	n s a seen	

20

AIM Sagittarii B 23697

Plate	Date	J.D.	Estimate	Remarks
> B 6156		11885-	b]	
> B 9889		12667	b]	
> B 13938		13378	b]	
> B 16293		12723	g]	
> B 17371		13808	d]	
> B 23697		14863	[h	
> B 27488		15-533	h]	
> B 32358		16327	b	
1 B 4137	Sept 4 '89	11250	b]	
> B 4070	Aug 22 '89	11237	a]	
> B 3964	Aug 6 '89	11221	a-b	
> B 3843	July 18 '89	11202	b	
> B 4348	Oct 7 '89	11283	b-c	
B 5238	May 20 '90	11508	[b	
B 5421	June 14 '90	11533	c-d	
# B 12548	Nov 13 '94	13146	b] ak	yellow
> B 10044	July 31 '93	12676	b	
> B 17328	Sept 2 '96	13805	[c	
> B 17144	Aug 14 '96	13786	[b	
B 16984	July 21 '96	13762	b]	yellow.
> B 16198	June 6 '96	13717	ns a seen	near edge of plate
> B 15043	Oct 13 '95	13480	b]	
> B 13733	June 12 '95	13357	[c	Spectrum Plate
> B 13629	June 5 '95	13350	c	
> B 32160	July 12 '03	16308	a-b	
> B 31810	May 18 '03	16253	[b	
> B 30364	July 14 '02	15945	b	
> B 44199	Sept 1 '13	20024	b]	44194 ³ L

Plate	Date	J. D.	Estimate	Remarks
> B43697	May 15, '13	19903	a-A	43697 ³ L
> B41656	July 15, '10	18868	[a	
> B41511	June 26, '10	18849	[b	
> B36703	Aug. 18, '05	17676	b]]	
> AM16095		23335	a-b	
> AM16138		23377	b]	
> AM16238		23536	b-c	
> AM16269		23566	b]	
> AM16297		23576	[b	
> AM16321		23610	b]	
> AM16362	18-30	23647	[b	
> AM16388		23664	[b	
> AM16425		23692	b	
> AM16436		23699	b]]	
> AM16296		23576	[b	on edge of plate
> AM16351		23639	b]	" " "
AX3-36		23919	[b	
AX602		23947	b]]	
AX603	June 15, 1904	23949	b	
AX641	June 27, 1904	23964	[b	
AX665	July 2, 1904	23969	[b	
AX726		23993	b	
AX794		24033	b]]	
AX872		24081	b-c	
AX901		24088	b-c	
AX1094		24298	b]	
AX1147		24317	b]]	
AX1181		24325	b]]	

Plate	Date	J.D.	Estimate	Remarks
AX1247		24357	b	
AX1285-	20 30	24378	a-b	
AX1317		24404	[a	
AX1361		24432	b]]	
AX1709		24684	c]	
AX1747		24704	g	
AX1793		24713	g]	
AX1818		24731	[a	
AX1857		24755-	b]]	
AX1899		24769	b]]	
AX1942		24794	b]]	
AX1953		24800	b]]	
AX2016		25154	a	
AX2032		25177	b]	
AX2037		25179	b]]	
> AM15788		23192	b]]	
> AM15844		23209	b]]	
> AM15886		23232	a-b	
> AM15894		23233	b]]	
> AM15940		23249	b	
> AM15955-		23251	b	
> AM15997		23267	[b	
> AM16000		23268	[[b	
> AM16005-		23269	c-d	
> AM16061		23306	d	
> AM15767	25 30	23181	b	
> AM15869		23222	b]	
> AM4331		17378	ms b seen	

Plate	Date	J. D.	Estimate	Remarks
> AM 4321		17377	b	
> AM 4274		17363	b	
> AM 4235		17345	b]]	
> AM 4169		17324	b]]	
> AM 3922		17121	b	
> AM 3859		17096	b	
> AM 3775		17068	a-b	
AK 444		18540	a	Poor Plate
AK 696	Mar 19, 1910	18750	b]]	
AK 55-3	Oct 23, 1909	18603	b-c	
AK 410	July 28, 1909	18516	[b	
AK 380	July 5, '09	18493	a	
AK 367	June 28, '09	18476	a-b	
AK 364	June 25, '09	18483	b]]	
AK 323	May 27, '09	18454	n s a seen	
> AM 4369		17394	c]	
> AM 4457		17429	a	
> AM 4480		17432	a]	
> AM 1529	Sept 13 '02	16006	[b	
? AM 1536	Sept 15 '02	16008	b]	
> AM 1541	Sept 16 '02	16009	b	
> AM 1675	Nov 6, '02	16060	b	
> AM 1708	Nov 25, '02	16079	c]	
? AM 1919	May 6, '03	16241	n s b seen	
? AM 1954	May 18, '03	16253	B	
? AM 2095	July 2, '03	16298	b	
> AM 2111	July 12, '03	16308	b	
> AM 2122	July 14, '03	16310	b	

Plate	Date	J.D.	Estimates	Remarks
> AM 2160	July 27, '03	16323	[b]	
> AM 2271	Sept 14, '03	16372	d	
> AM 2275-	Sept 17, '03	16375-	b-c	
> AM 615?	Sept 1, '00	15-264	[b]	
> AM 796	May 21, '01	15-526	in sb scan	
> AM 819	May 28, '01	15-533	[b]	
> AM 898	July 5, '01	15-571	c	Plate scratched
> AM 1029	Sept 4, '01	15-632	a-b	
> AM 1044	Sept 6, '01	15-634	[b]	
> AM 1244	May 10, '02	15-880	b	
> AM 1256	May 12, '02	15-882	b	
> AM 1262	May 17, '02	15-887	b	
> AM 1272	May 26, '02	15-896	[b]	
> AM 1415	July 2, '02	15-933	[b]	
> AM 1438	July 9, '02	15-940	[b]	
> AM 2290	Sept 21, '03	16379	d	
> AM 2381	Nov 19, '03	16438	[a]	
> AM 2646	May 12, '04	16613	[c]	
> AM 2750	June 15, '04	16647	[b]]	
> AM 2782	June 23, '04	16655	[b]	
> AM 2807	July 5, '04	16667	a	
> AM 2866	July 22, '04	16684	[b]]	
> AM 2924	Aug. 5, '04	16698	b	
> AM 2941	Aug 12, '04	16705	[b]	
> AM 2996	Sept 1, '04	16725	[b]	
> AM 3067	Sept 21, '04	16745	b-c	
> AM 3120	Oct 7, '04	16761	[a]	

Plate	Date	J.D.	Estimate	Remarks
> AM3156	Oct. 28, '04	16782	b]	
> AM3176	Nov. 2, '04	16787	a-b	
> AM3465	Apr. 21, '05	16957	b	
> AM3479	May 2, '05	16968	b]]	
> AM3538	May 13, '05	16979	b]	
> AM3568	May 26, '05	16992	b]	
> AM3599	June 7, '05	17004	[b	
> AM3657	June 22, '05	17019	b]]	
> AM3679	July 1, '05	17028	[b	
> AM3728	July 22, '05	17049	b]]	
> AM3794	Aug. 17, '05	17075	b	
> AM3843	Sept 5, '05	17094	a-b	
> AM3884	Sept 16, '05	17105	b]]	
> AM3946	Oct 9, '05	17128	c]	
> AM3970	Nov. 13, '05	17163	b	
> AM4197	May 2, '06	17333	[a	
> AM4217	May 10, '06	17341	a	
> AM4276	June 2, '06	17364	b]	
> AM4373	July 9, '06	17371	c	
> AM4389	July 11, '06	17373	c	
> AM4465	Aug 7, '06	17430	a	
> AM4529	Aug. 24, '06	17447	a-b	
> AM4549	Sept 5, '06	17459	a-b	
> AM4640	Oct 15, '06	17499	[b	
> AM4678	Nov. 19, '06	17534	b-c	
> AM4783	Apr. 24, '07	17690	n s seen	24783
> AM4964	July 2, '07	17759	b-c	
> AM4991	July 10, '07	17767	b-c	

Plate	Date	J.D.	Estimate	Remarks
AM 4991	July 10, '07	17772	b	
> AM 5002	July 15, '07	17772	b-c	
> AM 5078	Aug 17, '07	17805	b]]	
> AM 5121	Sept 3, '07	17822	b]	Poor Plate
> AM 5165	Sept 18, '07	17837	a-b	" "
> AM 5463	May 8, '08	18070	b	
> AM 5464	May 10, '08	18072	[b	
> AM 5492	May 25, '08	18087	b]]	
> AM 5547	June 7, '08	18100	a	
> AM 5582	June 19, '08	18112	b	T'
> AM 5674	July 22, '08	18145	b	
> AM 5696	July 27, '08	18150	b	
> AM 5740	Aug 6, '08	18160	b]	
> AM 5780	Aug 24, '08	18183	[a	Poor plate T' or T
> AM 5786	Sept 2, '08	18187	b]]	
> AM 5831	Sept 16, '08	18201	a-b	
> AM 5869	Oct 6, '08	18221	[b	Poor Plate
> AM 6088	May 7, '09	18434	b	" "
> AM 6132	May 14, '09	18441	b	
> AM 6209	June 9, '09	18467	[b	
> AM 6295	June 26, '09	18484	[a	
> AM 6314		18494	a-b	
> AM 6326		18496	b]]	
> AM 6361		18503	a-b	
> AM 6395		18510	b]	
> AM 6408		18512	b]]	
> AM 6507		18542	b	
> AM 6655		18591	b]	

Plate	Date	J. D.	Estimate	Remarks
> AM 154	Sept 21, '99	14919	b]	Plate scratched
> AM 1470	July 14, '02	15945	a-b	
> AM 3720		17039	b	
> AM 4920		17738	b]]	
> AM 9239		19973	b-c	Sp.
> AM 9938		20328	a	
> AM 10032		20352	as b seen	
> AM 10606		20651	b]	
> AM 10641		20655	a	
> AM 10702	June 18, 1915	20667	A	
> AM 10718		20669	A-X	
AM 10731	June 25, '15	20674	A-X	Poor Plate yellow
> AM 10968	Aug 9, '15	20719	e	
> AM 10976		20721	b-c	
> AM 10994		20724	[[b	
> AM 11317		20776	b]	
> AM 11916	June 7, '16	21022	b-c	
> AM 12032		21035	a]	
> AM 12064	June 24, '16	21039	a	
> AM 12287	Aug. 1, '16	21077	b	
> AM 12298	Aug 3, '16	21079	b	
> AM 12338		21092	[e	
> AM 12363		21099	[e	
> AM 12386		21104	d]]	
> AM 12600	Oct 17, '16	21154	a-b	
> AM 12637		21157	b]	
> AM 12674	Oct 24, '16	21161	a	
> AM 13278	June 19, '17	21394	[[b	

Plate	Date	J.D.	Estimate	Remarks
> AM 13304	June 18, '17	21398	[b]	
> AM 13333	June 22, '17	21402	[b]	
> AM 13480	Aug. 6, '17	21447	[b]	
> AM 13489	Aug. 9, '17	21450	[b]	
> AM 13503	Aug. 12, '17	21453	b	
> AM 13513	Aug. 14, '17	21455	[b]	Plate scratched
> AM 14062	June 12, '18	21757	b	Poor Plate
> AM 14070	June 13, '18	21758	d	
> AM 14281	Aug. 11, '18	21817	a	
> AM 14288	Aug. 13, '18	21819	a-b	
AM 14318	Aug. 20, '18		A]	Plate yellow
AM 14324	June 13, '18		a	" "
AM 14334	Aug. 23, '18		a]	" "
> AM 12216	July 18, '16	21063	[b]	On edge of plate
> AM 13400		21424	ms A seen	
> AM 13417		21427	K A	
> AM 13440		21437	[a]	
> AM 14154		21788	[b]	Plate badly scratched
AK 339	May 31, '09	18458	ms A seen	
AK 373	June 30, '09	18488	[b]	a not seen
AK 414	July 28, '09	18516	[b]	
AK 427	Aug. 5, '09	18524	b	
AK 541	Oct 19, '09	18599	[b]	
> AK 557	July 25, '09	18513	g	
AK 561	Nov. 1, '09	18612	[a]	
AK 574	Nov. 15, '10	18991	a	
A K 724	Apr. 26, '10	18788	ms A seen	
AK 745-		18813	[a]	

Plate	Date	J. D.	Estimate	Remarks
> AM 23	July 27, '99	14863	n s b seen	
> AM 34	July 31, '99	14867	n s a seen	
> AM 138	Sept 6, '99	14904	b]	
> AM 174	Sept 29, '99	14927	n s A seen	
> AM 463	May 8, '00	15148	n s A seen	
> AM 482	May 28, '00	15168	n s A seen	
> AM 534	July 21, '00	15222	n s A seen	
> AM 154	Sept 21, '99	14919	b	Plate badly scratched
AM 1470		15945-	a]]	
AM 3720		17039	[b	
AM 4920		17738	b]	
AM 14356	Aug 29, '19	21935-	b]	
AM 14887	Aug. 2, '19	22173	b]	
AM 14950	Aug. 24, '19	22195	n s a seen	
AM 15042	Oct. 21, '19	22253	n s b seen	
AM 15381	Aug 5, '20	22542	c	
AM 15408	Aug 12, '20	22549	n s A seen	
AC 2737	Aug 12, '02	15974	n s A seen	
AC 7600	June 11, '06	17373	n s b seen	
AC 11983-	Oct. 3, '10	18948	n s A seen	
AM 11276		20769	n s A seen	
AM 12127		21048	b	On edge of plate
AM 7437	June 4, '11	79192	n s A seen	
AM 75-18		19223	n s A seen	
AM 75-45-		19229	b]]	
AM 7556	July 16, '11	19234	n s b seen	
AM 7419		19177	n s a seen	
AM 7673	Aug. 14, '11	19263	a-b	Very dim

Plate	Date	J.D.	Estimate	Remarks
AM 7855-		19319	b77	Very dim.
AM 7899	Oct 19, '11	19329	n s A seen	
AM 7919	Oct. 25, '11	19335	n s A seen	
AM 8222	May 21, '12	19544	n s a seen	
AM 8319	June 10, '12	19564	n s A seen	
AM 8338	June 13, '12	19567	n s a seen	
AK 434	Aug 6, '09	18525	b77	
AK 565-	Nov. 3, '09	18614	b7	near edge of plate
AM 15016		22224	b6	very faint
AM 13490	Aug. 9, '17	21450	n s a seen	
AM 13495	Aug. 10, '17	21451	n s A seen	
AM 13509	Aug. 13, '17	21454	n s A seen	
AM 13533	Aug. 24, '17	21465	n s b seen	
AM 13540	Aug. 27, '17	21468	n s A seen	
AM 14071	June 13, '18	21758	n s A seen	
AM 14246	Aug 1, '18	21807	n s A seen	
AM 14263	Aug. 5, '18	21811	n s A seen	
AM 14269	Aug 7, '18	21813	n s A seen	
AM 14792	June 23, '19	22133	n s a seen	
AM 14891	Aug 4, '19	22175	b-c	
AM 15040	Oct. 18, '19	22250	n s A seen	
AM 15390	Aug. 7, '20	22544	n s a seen	
AM 10067	July 29, '14	20343	n s b seen	
AM 10011	July 30, '14	20344	b-c	
AM 10018	Aug. 2, '14	20347	b	very faint
AM 10049	Aug. 12, '14	20357	n s b seen	
AM 10100	Sept. 8, '14	20384	b6	
AM 10116	Sept 12, '14	20388	b6	

Plate	Date	T. D.	Estimate	Remarks
AM 10134	Sept. 16, '14	20392	b-C	
AM 10192	Oct. 15, '14	20421	a-A	
AM 10197	Oct. 16, '14	20422	a-A	Plate scratched
AM 10232	Oct. 27, '14	20433	b]]	
AM 10280	Nov. 13, '14	20450	b]	
AM 10616	June 3, '15	20652	n s a seen	
AM 10930	Aug. 1, '15	20711	n s A seen	
AM 11005	Aug. 16, '15	20726	n s b seen	Plate scratched
AM 11016	Aug. 17, '15	20727	n s A seen	
AM 11365	Oct. 13, '15	20794	b	Very faint
AM 11958	June 11, '16	21026	n s A seen	
AM 12065	June 24, '16	21039	n s A seen	
AM 12299	Aug. 3, '16	21079	[b	Very faint
AM 12344	Aug. 17, '16	21093	n s a seen	
AM 12350	Aug. 18, '16	21094	n s a seen	
AM 12364	Aug. 23, '16	21099	n s a seen	
AM 12383	Aug. 27, '16	21103	n s A seen	
AM 8362	June 17, '12	19571	n s A seen	
AM 8424	July 6, '12	19590	n s A seen	
AM 8472	July 17, '12	19601	n s A seen	
AM 8520	Aug. 1, '12	19616	b]]	
AM 8583	Aug. 31, '12	19646	[a	
AM 8652	Sept. 17, '12	19663	b]	Very faint.
AM 8735	Oct. 21, '12	19697	n s a seen	
AM 9163	July 3, '13	19952	n s A seen	
AM 9224	July 23, '13	19971	n s A seen	
AM 9300	Aug. 4, '13	19984	n s a seen	
AM 9931	June 4, '14	20288	a]	

32

Plate	Date	J. D.	Estimate	Remarks
AM9836	June 5, '14	220299	[a	
AM9997	July 27, '14	220341	n s a sun	
MF 7073	Sept. 13, '20	22581	a	
MF 7024	Sept. 9, '20	22577	a]	
MF 6772	Aug. 15, '20	22552	c]	
MF 6651		22546	[c	
MF 6603		22543	[c	
MF 6580		22541	c-d	
MF 6356		22525	f	
MF 6293	July 14, '20	22520	f	
MF 6292	July 14, '20	22520	f	
MF 6290	July 14, '20	22520	f-e	
MF 4487		22191	a	
MF 4471	Aug. 19, '19	22190	b]	
MF 4470	Aug. 19, '19	22190	[a	near edge
MF 4421	Aug. 15, '19	22186	b	
I 34086	June 11, '06	17373	b]	
I 23600	Sept. 21, '99	14919	b]	
I 15778	Aug. 25, '96	13797	b]	

BDSagittarii	AX865-	B 9218		
Plate	Date	J. D.	Estimate	Remarks
B 3963			n.s. or am	
B 7842			f	Poor Plate.
B 7743			c-d	
B 9217			[c]	
B 11643	July 21, '94		[d]	
B 13939	July 3, '95		d-e	
B 16292	June 12, '96		[e]	
B 17372	Sept. 5, '96		[d]	
B 17968	Nov. 20, '96		d-e	
B 20568	Oct. 4, '97		d-e	
B 21340	Apr. 30, '98		d]	Plates scratched
B 22158	Nov. 10, '98		d]]	
AX 601		23947	d	
AX 689		23974	[d]	
AX 806		24035	c	
AX 1068		24296	d-e	
AX 1164		24320	d-e	
AX 1258		24357	d-e	
AX 1275		24374	[d]	
AX 1309		24402	d]	
AX 1373		24440	d	
AX 1578		24626	d-e	
AX 1640		24651	[d]	
AX 1657		24656	[d]	
AX 1706		24683	e]]	
AX 1735		24700	d	
AX 1792		24713	d	
AX 1837		24739	d-e	

Plate	Date	J. D.	Estimate	Remarks
AX1891		24767	EE1	
AX1969		24814	e27	
AX1196		24327	cl-e	

Mistake in variable, wrong star.

1878phae.proj..9211H

30 Sagittarii AX 865	B 9218	B 13939	
Plate	Date	J.D.	Estimate
AX 1969		724814	f
AX 1735		724700	A
AX 1891		724767	e-f
AX 1837		724739	e
AX 1742		724713	a
B 3963			ms ascus
B 7842			ms c seen
B 7743			ms b seen
B 9217			d ne
B 11643	July 21, '94	13031	f
B 13878	July 3, '95	13378	A-X
B 11643	July 21, '94	13031	f
B 16292	June 12, '96	13723	ms a seen
B 17372	Sept. 5, '96	13808	ms d seen
B 17968	Nov. 20, '96	13884	fe
B 20568	Oct. 4, '97	14202	fe
B 21340	Apr. 30, '98	14410	ms c seen
B 22158	Nov. 10, '98	14604	ms c seen
AX 1706		724683	A
AX 1657		724656	e-f
AX 1640		724651	e-f
AX 1578		724626	fe
AX 1373		724440	a
AX 1308		724402	X-Y
AX 1275		724374	d
AX 1250		724359	e-f
AX 1196		724327	e-f
AX 1164		724320	e-f

Plate	Date	J. D.	Estimate	Remarks
AX1107		> 24300	f	
AX1068		> 24290	Fe	
AX865-		> 24076	n s c seen	
AX806		> 24035	n s c seen	
AX763		> 24019	[Fe	
AX713		> 23991	e-f	
AX689		> 23974	e	
AX652		> 23967	Fe	
AX622		> 23961	[Fe	
AX601		> 23947	f	
AX614		> 23960	d	
AX536		> 23919	n s d seen	
AX602		> 23947	Fe	
AX603		> 23949	n s c seen	
AX641		> 23964	n s b seen	
AX665-		> 23969	Fe	
AX726		> 23993	e	
AX794		> 24033	n s d seen	
AX872		> 24081	d	
AX901		> 24088	n s c seen	
AX1094		> 24297	[Fe	
AX1147		> 24317	f	
AX1181		> 24325-	f	
AX1247		> 24357	[Fe	
AX1285-		> 24378	a	
AX1317		> 24404	[Y	
AX1361		> 24432	A]	
AX1709		> 24684	A	
AX1747		> 24704	A	

52

Plate	Date	J. P.	Estimate	Remarks
AX 1793		724713	a-A	
AX 1818		724731	c	
AX 1857		724755	d	
AX 1899		724769	e	
AX 1942		724794	d-e	
AX 1953		724800	e-f	
AX 2016		725154	[f]	
AX 2032		725177	[f]	
AX 2037		725179	f	
AM 12298		721079	ns A seen	
AM 1029	Sept 4, '01	715632	ns A seen	
AM 898	July 5, '01	715571	ns A seen	
AM 819	May 28, '01	715533	ns c seen	
AM 796	May 21, '01	715526	ns Y seen	
AM 12338		721092	ns c seen	
AM 12363		721099	ns A seen	
AM 13304	June 18, '11	721398	ns A seen	
AM 7434	June 4, '11	719192	ns X seen	
AM 7545	July 14, '11	719232	ns b seen	
AM 7556	July 16, '11	719234	ns X seen	
AM 7855	Oct. 9, '11	719319	ns A seen	
AM 7899	Oct. 19, '11	719329	ns X seen	
AM 8319	June 10, '12	719564	ns b seen	
AM 8338	June 13, '12	719569	ns A seen	
B 32162	July 12, '03	716308	b-c	
B 32128	July 6, '03	716302	a-b	
B 31809	May 18, '03	716253	[f]	
B 31738	May 7, '03	716242	[f]	
B 31529	Apr. 29, '03	716229	e	

plate	Date	J. D.	Estimate	Remarks
B30829	Oct. 10, '02	16033	d	
B30322	July 9, '02	15940	[Ee	
B30515	July 8, '02	15970	c]	Edge of plate
B30365	July 14, '02	15945	ns b seen	" "
B30299	July 7, '02	15938	e-f	
B30084	June 14, '02	15915	[Ee	
B30017	June 12, '02	15913	[Ee	
B29878	May 28, '02	15898	e-f	
B29659	May 14, '02	15884	ns d seen	
B29456	Apr. 26, '02	15866	e	
B28629	Oct. 3, '01	15661	ns Y seen	
B28311	Aug. 24, '01	15621	d-e	
B28181	Aug. 9, '01	15606	Ee	
B28172	Aug. 8, '01	15605	[Ee	
B27940	July 22, '01	15588	e-f	
B27690	June 10, '01	15546	e-f	
B27522	May 29, '01	15534	f]	
B27514	May 29, '01	15534	d-e	Poor Plate
B26056	Sept 11, '00	15639	e-f	
B25759	July 26, '00	15227	[Ee	
B25728	July 5, '00	15206	f]	On edge of plate
B25399	May 22, '00	15162	ns A seen	
B25276	May 11, '00	15151	c]]	
B25277	May 11, '00	15151	b-c	
B25198	May 1, '00	15141	a	Damaged Plate
B24416	Oct. 14, '99	14577	[Ee	
B39182	June 17, '08	18110	ns d seen	
B39144	June 9, '08	18102	ns e seen	
B38982	May 20, '08	18082	ns e seen	

54

B lat	Date	J. D.	Extinction	Remarks
B 37546	May 31, '07	717727	b	
B 37118	Oct. 16, '05	717135	AD	
B 37043	Oct 2, '05	717121	ns c seen	
B 37296	Apr. 30, '07	717696	ns e seen	
B 37295	Apr. 30, '07	717696	ns a seen	
B 36705	Aug. 18, '05	717076	ns e seen	
B 36195	June 13, '05	717010	Le	
B 36090	May 22, '05	716988	ns c seen	
B 35855	Apr. 21, '05	716957	ns c seen	
B 34256	July 1, '04	716663	e-f	
B 33952	June 3, '04	716635	e	
B 33590	May 3, '04	716604	ns a seen	
B 33498	Apr. 23, '04	716594	A	
B 33448	Apr. 22, '04	716593	ns X seen	
B 32357	July 31, '03	716327	d	
B 48492	Sept 29, '16	721136	ns c seen	
B 48057	July 24, '16	721069	ns e seen	
B 47812	July 5, '16	721050	ns b seen	
B 44557	June 5, '14	720289	E?	
B 43975	July 22, '13	719962	ns e seen	
B 43814	June 13, '13	719932	ns A seen	
B 43449	Aug. 30, '12	719645	Le	
B 42565	Aug. 4, '11	719253	f	
B 41513	June 26, '10	718849	ns e seen	
B 41462	June 19, '10	718842	f	
B 40506	June 27, '09	718485	Le	
B 40408	June 9, '09	718467	e	
B 40407	June 9, '09	718467	ns A seen	on edge
B 39511	Sept 5, '08	718190	ns c seen	

Plate	Date	J. D.	Estimate	Remarks
B39514	Sept. 5, '08	718190	ce	
B 39427	Aug. 5, '08	718159	f]	
B14195	July 10, '95	713385	[IX	
B13667	June 6, '95	713357	c	
B13632	June 5, '95	713350	c-d	
B12174	Sept. 15, '94	713087	A]	
B9653			ns A seen	
B9654	June 22, '93	712637	ns A seen	
B6172	June 2, '91	711886	ns A seen	
B6166	June 1, '91	711885	ns X seen	
B5246	May 21, '90	711509	f]	
B4352	Oct 7, '89	711283	ns A seen	
B3835			[[e	
B 3814			ns C seen	
B 3758			ns A seen	
B 3745			e-f	
B3730	July 5, '89	711189	ns C seen	<
B44260	Sept. 27, '13	720038	A]	
B23854		714882	Ee	
B23110	June 19, '99	714825	A]	
B23067	June 16, '99	714822	A-X	
B22559		714753	e	
B22518	Apr. 6, '99	714751	ns A seen	
B22037	Oct. 13, '98	714576	ns Y seen	
B21523	May 27, '98	714437	ns X seen	
B21247	Apr. 18, '98	714398	ns A seen	
B20567	Oct. 4, '97	714202	e-f	
B18516	June 10, '97	714086	Ee	
B17692	Oct. 14, '96	713847	e-f	

56

Plate	Date	J. D.	Estimate	Remarks
B 16200	June 6, '96	713717	ns X seen	
B 45003	Aug. 17, '14	720362	a	
B 45002	Aug. 17, '14	721362	a-A	
B 13894	July 2, '90	713377	X	
B 13221	May 9, '95	713323	f	
B 12923	Apr. 6, '95	713290	f	
B 12885-	Mar. 26, '95	713279	ns e seen	
B 125-10	Nov. 12, '94	713145	ns b seen	
B 12176	Sept. 15, '94	713087	A	Plate scratched
B 11967	Aug. 21, '94	713062	[d]	
B 11700	July 30, '94	713040	ns X seen	
B 11645-	July 20, '94	713030	e-f	
B 11070			ns A seen	
B 10645-		712785-	b	
B 10460	Oct. 23, '93	712760	f	Plate scratched
B 9925-	July 25, '93	712670	ns e seen	
B 9698	June 24, '93	712639	f	
B 9219	Apr. 28, '93	712612	ns a seen	
B 8717	Oct 6, '92	712378	f	
B 5942	May 17, '91	711870	ns X seen	
B 3731	July 5, '89	71189	e	
B 3580			ns A seen	
B 18057	Nov. 27, '91	713891	ns a seen	
B 18790	Apr. 9, '97	714024	ns A seen	
B 17838	Nov. 11, '96	713875	f	
B 17728	Oct. 28, '96	713861	ns a seen	
B 17510	Sept 30, '96	713833	f	
B 17242	Aug. 25, '96	713797	d	Scratched the Var.
B 17082	Aug. 7, '96	713779	ns e seen	

Plate	Date	J.D.	Estimate	Remarks
B 16901	July 18, '96	713759	e	
B 16584	July 1, '96	713742	f	
B 16420	June 17, '96	713728	n s c seen	
B 16297	June 12, '96	713723	n s b seen	
B 16109	June 4, '96	713715	n s c seen	
B 15895	May 14, '96	713694	a-A	
B 15747	May 9, '96	713689	a-A	
B 15590	Apr. 11, '96	713661	A]]	
B 15561	Apr. 5, '96	713658	n s X seen	
B 15556	Nov. 1, '95	713499	n s e seen	
B 15584	Nov. 1, '95	713499	d-e	
B 14857	Oct. 15, '96	713482	n s c seen	
B 14550	Sept. 7, '95	713444	e	
B 14503	Sept 5, '95	713442	e]]	
B 14402	Aug 20, '95	713426	e	Plate scratched
B 34288	July 5, '04	716667	e-f	
B 33959	June 3, '04	716635	f	
B 33545	May 2, '04	716603	a-b	
B 32520	Aug. 31, '03	716358	n s from	
B 31690	May 6, '03	716241	n s c seen	
B 30367	July 14, '02	715945	e-f	
B 30311	July 8, '02	715939	e-f	
B 30063	July 11, '02	715942	[e	
B 29484	Apr. 28, '02	715868	e-f	
B 28259	Apr. 22, '01	715497	e-f	
B 27922	July 19, '01	715585	e-f	
B 27449	May 27, '01	715532	e	
B 26156	Sept. 17, '00	715280	n s X seen	
B 25669	July 2, '00	715203	e-f	

Plate	Date	J. D.	Estimate	Remarks
B 25-306	May 17, '00	715-157	b-c	
B 23856	Aug. 15, '99	714882	f	
B 235-40	July 18, '99	714854	a	
B 23081	June 17, '99	714823	X	
B 22074	Oct 22, '98	7145-85	d-e	
B 22041	Oct. 13, '98	714576	ns c seen	Plate scratched
B 21721	June 20, '98	714461	ns A seen	
B 21478	May 25, '98	714435	ns l seen	
B 21413	May 16, '98	714426	ns c seen	
B 21409	May 16, '98	714426	ns A seen	
B 20675	Oct. 28, '97	714226	a	
B 20609	Oct. 12, '97	714210	ns e seen	
B 20329	Sept. 14, '97	714182	ns f seen	
B 20609	Oct. 12, '97		ns e seen	
B 20329	Sept. 14, '97		ns f seen	
B 19780	July 6, '97	714112	ns A seen	
B 19697	July 1, '97	714107	ns X seen	
B 19488	June 9, '97	714085	ns b seen	
B 19092	May 12, '97	714057	ns A seen	
B 47219	June 9, '16	721024	ns Y seen	
B 47146	June 7, '16	721022	ns Y seen	
B 47105	June 6, '16	721021	ns X seen	
B 45941	Sept. 28, '15	720769	ns X seen	
B 45-678	Sept. 10, '15	720751	ns Y seen	
B 45-625	Sept. 8, '15	720749	ns A seen	
B 45-608	Sept. 7, '15	720748	ns A seen	
B 45-025	Aug. 27, '14	720372	b-c	
B 44819	July 20, '14	720334	A	
B 44042	Aug. 4, '13	719984	ns A seen	

299/1
26/10
250

Plate	Date	J.D.	Estimate	Remarks
B43838	June 23, '13	19942	n s X seen	
B43821	June 14, '13	19943	n s e seen	
B43363	July 22, '12	19606	If	
B42815	Nov. 2, '11	19343	If	
B42584	Aug. 5, '11	19254	If	
B41514	June 26, '10	18849	n s a seen	
B40756	Aug. 23, '09	18542	If	
B40648	July 26, '09	18514	If	
B40577	June 28, '09	18486	n s e seen	
B39158	June 16, '08	18139	n s e seen	
B37907	July 31, '07	17788	If	
B37647	June 30, '07	17757	c - d	
B37069	Oct. 6, '13	20047	c	
B36438	July 12, '05	17039	n s e seen	
B36065	May 15, '03	16981	If	
MF4423	Aug. 15, '14	22186	If	
MF4440	Aug. 16, '14	22187	n s e seen	
MF4643	Aug. 27, '14	22198	If	
MF6594	Aug. 5, '20	22542	f	
MF6781	Aug. 16, '20	22553	n s e seen	

UW Aurigae I 36579 I 24043

Plate	Date	J. D.	Est.	Remarks
I 3142	Feb. 22, '91		Ef	
I 5054	Dec. 10, '91		ms. b. c. m.	
I 5487	Jan. 31, '92		d	
I 5631	Feb. 13, '92		b	
I 5679	Feb. 16, '92		d]	
I 8011	Feb. 4, '93		Ee	
I 8052	Feb. 15, '93		e-f	
I 8146	" 28, '93		Ee	
I 9793	Oct. 25, '93		d-e	
I 9835	Oct. 30, '93		d	
I 13753	Oct. 28, '95		e-f	near edge of plate
I 14869	Apr. 10, '96		d]	
I 16992	Jan. 6, '97		e	
I 17409	Feb. 24, '97		d]	
I 20432	Mar. 9, '98		c-d 2	Plate damaged
I 14753	Mar. 28, '96		c	
I 10305	Dec. 26, '93		d	Near edge
I 20317	Mar. 3, '98		b	
I 7841	Jan. 3, '93		f	
I 240483	Nov. 13, '99		b	
I 36579	Feb. 10, '10		d	Clear
I 21881	Dec. 1, '98		a-b	
I 22480	Feb. 25, '99		c	
I 26203	Dec. 9, '00		e	
I 26620	Feb. 8, '01		[b	
I 26746	Mar. 6, '01		a-b	
AC 24958	Oct. 31, '22		c	
AC 24954	Oct. 30, '22		c	
AC 24940	Oct. 24, '22		d]	

62

Plate	Date	T. P.	Estimate	Remarks
AC 24535	Dec. 29, '21		b	
AC 24438	Dec. 6, '21		b	
AC 24329	Oct. 28, '21		ns seen	
AC 24243	Oct. 13, '21		[a	
AC 24217	Oct. 8, '21		[a	
AC 23620	Apr. 12, '21		c	
AC 23445	Feb. 15, '21		ns a seen	
AC 26688	Feb. 45, '27		d	
AC 26779	Apr. 13-14, '27		b	
AC 26796	Apr. 18-19, '27		c	APR. 23
AC 23252	Jan. 9, '21		[e	
AC 23295	Jan. 18, '21		[e	
AC 23372	Jan. 28, '21		ns b seen	
AC 24137	Sept. 26, '21		ns a seen	9.40
AC 24363	Nov. 5, '21		ns b seen	
AC 24588	Jan. 16, '22	7	[a	
AY 50	Apr. 26, '24	7	c	
AY 337	Oct. 24, '24	7	[a	
AY 369	Nov. 14, '24		ns a seen	
AY 393	Nov. 28, '24	1	b]]	
AY 457	Jan. 17, '25	5297	a-b	
AY 494	Feb. 20-21, '25		d	
AY 541	Mar. 23, '25		e	
AY 576	Apr. 11, '25		ns a seen	
AY 592	Apr. 18, '25		f	
AY 833	Oct. 15, '25	7	b	
AY 850	Oct. 28, '25	7	[b]	Plate scratched
AY 866	Nov. 10, '25		c	Poor Plate W
AY 868	Nov. 11, '25		[b	
AY 902	Dec. 13, '25		b]	

Plate	Date	J.D.	Estimate	Remarks
AY 95-7	Feb. 5, '26		ns a sen	W
AY 966	Feb. 12, '26		b	W
AY 972	Mar. 4, '26		b]	W
AY 976	Mar. 9, '26		b	L
AY 982	Mar. 18, '26	7	c	W
AY 983	Mar. 18, '26		b-c	W Don/Plate
AY 989	Apr. 2, '26		b]	W
AY 1007	Apr. 13, '26		b]	W
AY 1184	Oct. 15, '26		c	W
AY 1185	Oct. 18, '26		c]	W
AY 1232	Nov. 11, '26	7	d	W
AY 1273	Dec. 8, '26		C	W
AY 1295	Jan. 2, '27		C	W
AY 1308	Jan. 7, '27		B	W
AY 1319	Jan. 30, '27		b-c	W
AY 1344	Feb. 5, '27	7	b	W
AY 1360	Feb. 28, '27		b-c	W
AY 1443	Apr. 28, '27		C	W May 3
AY 1764	Oct. 24, '27	242517	a	W
AY 1786	Oct. 28, '27	242517	b	W
AY 1869	Nov. 23, '27	252087	a	W
AY 1884	Dec. 5, '27	25220	a]	W
AY 195-7	Dec. 24, '27	252397	[a	W
AY 1966		25241	a-b	W
AC 23247	Jan. 8, '21		ms d sen	
AC 23286	Jan. 17, '21	7	d	
AC 23557	Mar. 23, '21		ns a sen	
AX 26	Jan. 17, '23	7	b-c	

"d" of sequence seemed to vary.
Beginning again p. 65 with new sequence
of companion stars.

UW Aurigae I 36679 I 24043

65

Plate	Date	J.D.	Estimate	Remarks
I26746	Mar. 7, '01	15451	a-b	a-d
I26620	Feb. 7, '01	15424	b	c
I26203	Dec. 9, '00	15363	Ed	C]
I22480	Feb. 25, '99	14711	c	c
I21881	Dec. 1, '98	14625	a-b	c
AC24588	Jan. 16, '22	23071	a	b
AC24363	Nov. 5, '21	22999	ns b sen	ns b sen
AC24157	Sept. 26, '21	22959	ns a sen	ns a sen
AC23372	Jan. 28, '21	22718	ns b sen	ns b sen
AC23295	Jan. 18, '21	22708	d-e	c
AY 850	Oct. 28, '25	24452	b]	b
" 733	Oct. 15, '25	24439	b	b
" 592	Apr. 18, '25	24259	e	d]
" 576	Apr. 11, '25	24252	ns b sen	b]]
" 541	Mar. 23, '25	24233	d-e	b-c
" 329	Mar. 19, '25	24229	ns d sen	b]
" 494	Feb. 20, '25	24202	c	c
" 457	Jan. 17, '25	24168	a-b	b
" 393	Nov. 28, '24	24118	b]]	b-c
" 369	Nov. 14, '24	24104	ns a sen	ns a sen
" 337	Oct. 24, '24	24083	fa	ns a sen
" 50	Apr. 26, '24	23902	a-b	b
AY 1275	Dec. 11, '26	24861	d	a-b
AY 1278	Dec. 11, '26	24861	f	c
AY 1279	Dec. 11, '26	24861	d-e	c
AY 1280	Dec. 12, '26	24862	d	c
AY 1281	Dec. 12, '26	24862	d-e	b
AY 1280	Dec. 12, '26		d-e	c
AY 1282	Dec. 12, '26		d]]	c
AY 1282		24862	d]]	b-c

2nd column is estimate on probable variable

Plate	Date	Estimate	Remarks
AC23490	Mar. 1, '21	22750	ns a sun
AC23524	" 13, '21	22762	ns a sun.
AC24079	Sept. 8, '21	22941	ns b sun
AC24380	Nov. 10, '21	23004	b]] ns b sun
AC26205	Jan. 7, '26	24623	c c
AC26536	Nov. 11, '26	24831	b c
AC26796	Apr. 18, '27	24989	c]] c
AC26779	Apr. 13, '27	24984	b c
AC26680	Feb. 4, '27	24916	c c
AC23620	Apr. 12, '21	22792	b-c? [c
AC24217	Oct. 8, '21	22971	a-b c
AC24243	Oct. 13, '21	22976	a] c
AC24329	Oct. 28, '21	22991	c] c
AC24438	Dec. 6, '21	23030	a-b c
AC24483	Dec. 15, '21	23039	ns a sun
AC24535	Dec. 29, '21	23053	b] c
AC24940	Oct 24, '22	23352	d-e c
AC24954	Oct. 30, '22	23358	c] c
AC24958	Oct. 31, '22	23359	[c c
AX26	Jan. 17, '23	23437	b-c
AX87	Apr. 7, '23	23517	[a
AX90	Apr. 12, '23	23522	a-b
AX300	Nov. 3, '23	23727	b-c
AX309	Nov. 10, '23	23734	b]
AX395	Jan. 3, '24	23788	d
AX407	Jan. 11, '24	23796	c
AX447	Jan. 27, '24	23812	ns a sun
I7841	Jan. 3, '93	12467	e
I10305	Dec. 26, '93	12824	c]
I1475-3	Mar. 28, '96	13647	c

Plate	Date	J.D.	Estimate	Remarks
I 20432	Mar. 9, '98	14358	b-c	Plate damaged.
I 20317	Mar. 3, '98	14352	b	
I 17409	Feb. 24, '97	13980	c	
I 16992	Jan. 6, '97	13931	d	
I 14869	Apr. 10, '96	13660	CJJ	On edge
I 13753	Oct. 28, '95	13495	e	
I 9835	Oct. 30, '93	12767	c	
I 9793	Oct. 25, '93	12762	CJ	
I 8146	Feb. 28, '93	12523	d-e	
I 8052	Feb. 15, '93	12510	d-e	
I 8011	Feb. 4, '93	12499	d	
I 3679	Feb. 16, '92	12145	b-c	
I 3631	Feb. 13, '92	12142	bJ	
I 5487	Jan. 31, '92	12129	b-c	
I 5054	Dec. 10, '91	12077	ns beam	
I 3142	Feb. 22, '91	11786	[c	
I 22245	Jan. 26, '99	14681	b-c	
I 24043	Nov. 13, '99	14972	bJ	
I 36579	Feb. 10, '10	18713	d	I
AC 25861	Apr. 13, '25	24254	ns a sam	
AC 26136	Nov. 14, '25	24469	c	
AC 26156	Nov. 28, '25	24483	ns beam	
AC 26161	Dec. 9, '25	24494	c-d	Very dim
AC 26184	Dec. 26, '25	24511	ns a sam	
AC 26206	Jan. 7, '26	24523	c	
AC 26274	Mar. 30, '26	24605	b	Dim
AC 26321	May 12, '26	24648	ns beam	
AC 26526	Nov. 6, '26	24826	ns c sam	
AC 26558	Dec. 2, '26	24852	d	
AC 26579	Dec. 12, '26	24862	ns a sam	

Plate	Date	J. D.	Est.	Remarks
AC 26587	Dec. 14, '26	24864	nsb sam	
AC 26613	Dec. 26, '26	24876	nsd sam	
AC 26627	Jan. 3, '27	24884	d	Very dim
AC 26674	Feb. 2, '27	24914	ns c sam	a-b
AC 26715	Mar. 4, '27	24944	d	b-c
AC 26727	Mar. 9, '27	24949	c	b-c
AC 26751	Mar. 23, '27	24963	ns c sam	c
AC 26758	Mar. 28, '27	24968	a-b	b
AC 26768	Apr. 4, '27	24975	ns b sam	
AC 26784	Apr. 14, '27	24985	ns a sam	
AC 23557	Mar. 23, '21	22772	ns a sam	
AC 23286	Jan. 17, '21	22707	d II	
AC 23247	Jan. 8, '21	22698	ns c sam	c
AY 1966	Dec. 26, '21	25241	[a]	b
AY 1957		25239	[a]	b
AY 1884		25220	a]	ns a sam
AY 1869		25208	a?	b-c
AY 1786		25182	a-b	c
AY 1764		25178	a	c]
AY 1757		25176	a	c
AY 1443	Apr. 28, '27	24999	[b	b
AY 1360	Feb. 28, '27	24940	b]]	c]]
AY 1344	Feb. 5, '27	24917	[b	b
AY 1319	Jan. 30, '27	24911	b-c	b-c
AY 1308	Jan. 9, '27	24888	c	[c Very dim
AY 1295	Jan. 2, '27	24883	c	b-c
AY 1273	Dec. 8, '26	24858	[b	b
AY 1232	Nov. 11, '26	24831	c-d	b
AY 1185	Oct. 18, '26	24807	d]	[c
AY 1184	Oct. 15, '26	24804	ns b sam	b

Plate	Date	S.D.	Est.	Remarks
AY1046	May 8, '26	24644	b	
AY1032	May 1, '26	24637	a-b	
AY1007	Apr. 13, '26	24619	a-b	
AY989	Apr. 2, '26	24608	b]]	
AY983	Mar. 18, '26	24593	ns b sen	
AY982	Mar. 18, '26	24593	b	a] Plate marked
AY976	Mar. 9, '26	24584	b]	Σb
AY972	Mar. 4, '26	24579	b]]	Σb
AY966	Feb. 12, '26	24559	b	Σb
AY957	Feb. 5, '26	24552	ns b sen	
AY902	Dec. 13, '25	24498	b]	Σb
AY868	Nov. 11, '25	24466	b	b
AY866	Nov. 10, '25	24465	ns a sen	
AY1876		25215	a	c]
MF519	Feb. 1, '17	21261	c	b-c
MF520	Feb. 1, '17	21261	[[c	c-d
MF521	Feb. 1, '17	21261	[[e	c
MF522	Feb. 1, '17	21261	ns c sen	[[c
AC114	Dec. 8, '98	14632	b	ns b sen
AC200	Feb. 14, '99	14700	b	Σb
AC257	Mar. 24, '99	14738	ns a sen	
AC515	Nov. 10, '99	14969	ns a sen	
AC519	Nov. 12, '99	14971	b]]	b
AC687	Jan. 22, '00	15-042	a	c]
AC083	Dec. 22, '01	15-376	[[c	c-d Plate scratched
AC			c]]	c]]
AC2166	Jan. 5, '02	15-755	c]	[[c
AC2253	Jan. 27, '02	15-777	b	d]]
AC2294	Feb. 7, '02	15-788	c]]	Σ
AC2337	Feb. 15, '02	15-796	c]]	d]]

70

Plate	Date	J.D.	Estimate	Remarks
AC 2368	Feb. 27, '02	15808	b [b]	
AC 2436	Mar. 26, '02	15835	nsa sem	
AC 2886	Oct. 9, '02	16032	[c] [b]	
AC 2893	Oct. 10, '02	16033	d-e b-c	
AC 3011	Nov. 22, '02	16079	nsa sem [c]	
AC 3096	Dec. 23, '02	16107	[d] [b]	
I 41799	Oct. 28, '22	23356	[c] [d]	
I 39766	Feb. 7, '20	22362	c [c]	
AC 23478	Feb. 25, '21	22746	nsa sem c	
AC 23586	Apr. 1, '21	22781	b-c e	
AC 24513	Dec. 21, '21	23045	[c] [c]	
AC 24559	Jan. 1, '22	23056	b [c]	
AC 24626	Feb. 4, '22		[a] [c]	
AC 24670	Mar. 6, '22		nsa sem [b]	
AC 24691	Mar. 18, '22		b b-c	
AC 24941	Nov. 22, '22	23371	b-c [c]	
AC 25215	Apr. 6, '23	23516	b-c c	
AC 25224	Apr. 10, '23	23520	b b	
AC 25413	Oct. 27, '23	23720	c nsa sem	
AC 25446	Nov. 9, '23	23733	c c	
AC 25485	Dec. 6, '23	23760	[c] b-c	
AC 25510	Dec. 18, '23	23772	d c-d	
AC 25686	Nov. 4, '24	24094	[c] b-c	
AC 25714	Dec. 10, '24	24100	nsa sem	
AC 25735	Dec. 26, '24	24116	b c	
AC 25753	Jan. 13, '25	24164	[b] b	
AC 25766	Jan. 21, '25	24172	[c] b-c	
AC 25791	Feb. 27, '25	24209	nsa sem	
AC 25829	Mar. 24, '25	24234	nsa sem	
AC 25848	Apr. 6, '25	24247	nsa sem	

Plate	Date	T.D.	Estimate	Remarks
AX 335	Nov. 28, '23	23752	msa sen	
AX 374	Dec. 19, '23	23773	msa sen	
AX 402	Jan. 9, '24	23794	d [b	
AY 309	Oct. 15, '24	24074	a-b msb sen	
AY 379	Nov. 18, '24	24108	b] c	
AY 392	Nov. 28, '24	24118	a b]]	
AY 440	Dec. 27, '24	24147	[a d	
AY 525	Mar. 16, '25	24296	d [c	
AY 837	Oct. 17, '25	24441	b c	
AY 849	Oct. 28, '25	24452	[a a-b	
AY 861	Nov. 9, '25	24464	c c	
AY 905	Dec. 14, '25	24499	[a b	
AY 929	Jan. 10, '26	24526	b] [b	
AY 946	Jan. 20, '26	24536	b] [b	
AY 1272	Dec. 8, '25	24858	c [b	
AY 1311	Jan. 8, '27	24889	c [b	
AY 1347	Feb. 7, '27	24919	b b-c	
AY 1602	Sept. 5, '27	25129	a] c]]	
AY 1745	Oct. 20, '27	25174	a] b-c	
AY 1759	Oct. 23, '27	25177	a-b c	
AY 1859	Nov. 19, '27	25204	a-b b	
AY 1867		25208	a d	
AY 1919		25227	b]] msb sen	
AY 1936		25232	b c	
AY 1956		25239	a [c	
Ac 3200	Jan. 21, '03	16136	d c	
Ac 3201	Jan. 21, '03	16136	msb sen [b	Plate Scratched
Ac 3206	Jan. 22, '03	16137	msa sen ms sen	" "
Ac 3244	Feb. 5, '03	16151	d c	
Ac 3323	Feb. 19, '03	16165	[d d	

72

Plate	Date	J.D.	Est.		Remarks
AC 3398	Mar. 6, '03	16180	d	[b	Scratched
AC 3552	Apr. 27, '03	16232	nsa sem		
AC 4056	Oct. 18, '03	16406	ns c sem	[b]	
AC 4154	Nov. 1, '03	16420	ns c sem	[c]	
AC 4253	Nov. 24, '03	16443	c	b-c	
AC 4290	Nov. 30, '03	16449	d-e	[c]	
AC 4337	Dec. 10, '03	16459	[c]	[c]	
AC 4383	Dec. 16, '03	16465	d	[c]	
AC 4391	Dec. 17, '03	16466	d-e	[b]	
AC 22186	Jan. 2, '20	22326	c		
AC 22229	Jan. 11, '20	22335	c		
AC 22483		22390	[b]	c	
AC 22515		22402	c	[c]	
AC 22523	Mar. 23, '20	22407	nsa sem		
MF 526	Feb. 10, '17	21270	[d]	[c]	
MF 527	" 10, '17	21270	c-d	c-d	
MF 528	" 10, '17	21270	c	c	
MF 533	" 14, '17	21274	[c]	[c]	
MF 534	" 16, '17	21276	[c]	[c]	
MF 535	" 16, '17	21276	[c]	[c]	Overexposed
MF 536	" 16, '17	21276	[c]	[c]	
MF 1961	Jan. 16, '18	21610	d-e	c	
MF 2171	Feb. 8, '18	21643	[d]	[c]	
AC 25466	Nov. 19, '23	23743	[d]	d-e	Plate scratched
AC 25477		23744	c	[d]	
AC 25578		23771	[d]	c-d	
AC 25734		24146	b	b-c	
AC 25759		24164	a-b	[b]	Dim.
AC 25767		24171	[c]	[b]	
AC 25790		24209	e	b	

Plate	Date	T.D.	Est.	Remarks
AC25817	Mar. 20, '25	24230	[d] b-c	
AC26065		24422	ns a sen	
AC26132		24465	ns b sen	b
AC26154		24483	ns a sen	[a]
AC26215		24532	[d]	b
AC26270		24604	c?	b Dim
AC26469	Oct. 9, '26	24798	ns c sen	b []
AC26496		24810	ns a sen	
AC26530		24830	d	[]
AC26553		24847	d	[b?] Dim
AC26584		24864	d-e?	[b]
AC26618		24879	ns b sen	b
AC23271		22705	ns a sen	
AC23326		22714	ns a sen	
AC23357		22717	c-d	
AC23402		22725	ns b sen	
AC23426		22733	c-d	
AC23475	Feb. 25, '21	22746	[c]	
AC23546	Mar. 22, '21	22771	ns a sen	
AC23594		22782	ns a sen	
AC23619		22792	a-b?	Very dim.
AC23647		22805	[a]	
AC24061		22937	a]?	" "
AC24128		22946	ns a sen	
AC24233		22975	a]	
AC24302		22988	a-b	" "
AC24342		22992	ns a sen	
AC24406		23018	[a	
AC24425		23029	a]?	
AC24471		23035	b]	

74

Plate	Date	S.D.	Est.	Remarks
AC 24511		23045-	a-b	
AC 24561		23057	b]]	
AC 24625		23090	a]	C'
AC 24933		23349	nsa sm	
AC 24945	Oct. 28 '22	23356	d]	
AC 25395-		23713	b	
AC 25450		23734	[b	
AC 25455-		23736	b-	
AC 22186	} Estimated earlier	22326	b	
AC 22229		22335	C'	
AC 22483		22390	b	
AC 22515-		22402	c	
AC 22780		22565-	a]	

Plate	Date	S.D.	Est.	Remarks
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RSTrA B 23470

Plate	Date	J.D.	Est.	Remarks
B27411	May 25, '01	15530	a-b	
B25237	May 7, '00		2d	
B26012	Sept. 5, '00	15268	a]]	
B25195	May 1, '00		e]]	

Starting again with a new
sequence of comparison stars, - greater range.

[illegible]

RSTrA		B 23470	B 27411		
Plate	Date	J.D.	Est.	Remarks	
B 27411	May 25, '01	15530	e-f		
B 26012	Sept. 5, '00	15268	c-d		
B 25237	May 7, '00	15147	h-k		
B 25145	May 1, '00	15141	h-j		
B 23002	Jan 5, '99	14811	Ia		
B 22521	Apr. 7, '99	14752	g		
B 22505	Apr. 6, '99	14751	n s c s e m		
B 22060	Oct. 21, '98	14584	n s g s e m		
B 21242	Apr. 18, '98	14398	n s a s e m	Plate scratched	
B 21139	Apr. 2, '98	14382	b-c		
B 20394	Sept. 16, '97	14184	n s g s e m	Plate marked	
B 23470	July 14, '99	14850	b		
B 20394	Sept. 16, '97		n s g s e m		
B 19365	June 3, '97	14079	n s k s e m		
B 19315	June 1, '97	14077	n s l s e m		
B 16359	June 15, '96	13726	n s h s e m		
B 16358	June 15, '96	13726	n s e s e m		
B 16023	May 30, '96	13710	n s h s e m		
B 13337	May 13, '95	13327	h-k		
B 13001	Apr. 10, '95	13294	n s k s e m		
B 12955	Apr. 8, '95	13292	n s h s e m		
B 10937	Apr. 17, '97	14032	f	On edge of plate	
B 9643	June 22, '93	12637	Ia		
B 9638	June 22, '93	12637	Ia		
B 9637	June 22, '93	12637	a-A	Plate badly marked	
B 6286	June 12, '91	11896	n s e s e m		
B 6279	June 12, '91	11896	n s e s e m		
B 4009	Aug. 12, '89	11227	l	H	
B 4007	Aug. 11, '89	11226	k	H	

80

Plate	Date	J.D.	Est.	Remarks
AX 526		7 23918	g	
AX 585		7 23941	e	
AX 620		7 23961	b	
AX 681		7 23972	b]	
AX 729		2 23996	c	
AX 779		7 24025	[Ed	
AX 1011		7 24245	nshsen	
AX 1055		1 24286	g	
AX 1079		7 24299	g-h	
AX 1140		24314	g-h	
AX 1194		24327	[g	
AX 1230		24354	f	
AX 1241		24356	f]	
AX 1248		7 24359	f]	
AX 1278		7 24375	[c	
AX 1646		7 24653	nshsen	
AX 1665		7 24621	nshsen	
AX 1696		7 24641	nshsen	
AX 1674		7 24670	nshsen	
AX 1745		7 24704	nshsen	
AX 1826		7 24733	h	
B 38962	May 20, '08	18082	nshsen	
B 38887	May 8, '08	17070	nsgsen	
B 37564	June 1, '05	16998	[g	
B 36400	July 11, '05	17038	d-e	
B 36398	July 11, '05	17038	[e	
B 35708	Mar. 30, '05	16935	e-f	
B 34281	July 2, '04	16664	nsgsen	
B 34142	June 20, '04	16652	[h	
B 33628	May 4, '04	16605	f]]	

Plate	Date	J.D.	Est.	Remarks
B33530	May 2, '04	16603	e-f	
B32576	Sept 2, '03	16360	ns h sen	
B32574		16360	Ed	16
B31868		16258	m	17.8
B31801	May 18, '03	16253	ns h sen	20
B31522	Apr. 23, '03	16228	Ed	21
B30547	Aug. 12, '02	15974	h	23
B30345	July 12, '02	15943	l sen	24
B29877	May 28, '02	15898	ns r sen	
B29757	May 17, '02	15887	ns m sen	
B28281	Aug. 23, '01	15620	g	
B27709	June 20, '01	15556	g k?	Dim.
B27146	Apr. 11, '01	15486	ns m sen	
B50578	May 19, '17	21366	ns b sen	
B58142	Apr. 18, '17	21337	f-g	
B49627	Mar. 23, '17	21311	ns f sen	
B47004	July 22, '16	21067	Ed	
B47754	July 2, '16	21047	ns e sen	
B47696	June 30, '16	21045	ns b sen	
B47129	June 7, '16	21022	f JJ	
B47038	June 2, '16	21017	Ed	
B46892	May 27, '16	21011	Ed	
B44907	Aug. 5, '14	20346	k	
B43918	July 10, '13	19959	ns h sen	
B43917	July 10, '13	19959	ns g sen	
B43441		19638	Ed	
B42535	Aug. 2, '11	19251	f	
B42446	July 8, '11	19226	c-d	
B42296	May 9, '11	19166	B	
B42293	May 9, '11	19166	b-c	

82

Plate	Date	J.D.	Est.	Remarks
B41778	Aug. 14 '10	18898	ns lsen	
B41641	July 15 '10	18868	h]	
B41339	May 27 '10	18119	f]	
B40373	May 30 '09	18457	ns lsen	
AM 15580		22820	ns a sen	
AM 15715		23172	ns c sen	
AM 15744		23178	ns b sen	
AM 15756		23180	re-f	Drin
AM 15802		23197	ns e sen	
AM 15840		23209	ns e sen	
AM 15860		23221	ns c sen	
AM 15900		23234	ns e sen	
AM 15915		23236	ns g sen	
AM 15918		23237	ns g sen	
AM 15958		23253	ns l sen	
AM 16035		23283	ns a sen	
AM 16220		23533	[b	
AM 16268		23566	ns a sen	
AM 16286		23575	c	
AM 16360		23647	g?	
AM 15600		22850	ns b sen	
AM 15630		22871	ns d sen	
Ax 474		223900	ns c sen	
Ax 640		223964	b-c	
Ax 712		223988	b]	
Ax 806		224035	ns c sen	
Ax 1067		224290	g	
Ax 1274		224374	ad	
Ax 1098		224299	g-h	

Plate	Date	S. D.	Est.	Remarks
AX1577	7	24626	ns h sen	
AX1617	7	24646	ns h sen	
AX1671	7	24669	ns g sen	
AX1836	7	24739	ns g sen	
AX1862	7	24759	ns g sen	
AX5-32	7	23919	ns d sen	
AX687	7	23974	b]	
AX1016	7	24256	ns b sen	
AX1054	7	24286	ns g sen	
AX1084	7	24296	h	
AX1223	7	24352	g-h	
AX1265	7	24371	c-d	
AX1604	37	24642	ns h sen	
AX1645	7	24653	ns h sen	
AX1692	7	24679	ns d sen	
AX1685	7	24674	ns h sen	
AX1703	7	24682	ns h sen	
AX1748	7	24705	ns e sen	
AX1806	7	24728	ns h sen	
AX1822	7	24732	ns h sen	
AX484	7	23902	g-h	
AX527	7	23918	f	
AX682	7	23972	b	
AX773	7	24024	d	
AX862	7	24074	ns f sen	
AX1086	7	24296	h]	
AX1153	7	24318	f]	
AX1187	4. 7	24326	f	
AX1246	7	24357	e-f	
AX1267	7	24371	c	

84

Plate	Date	J.D.	Est.	Remarks
AX 1332		> 24411	b]	
AX 1364		7 24433	[b	
AX 1624		> 24648	nshcen	
AX 1746		> 24704	nshcen	
AX 1798		> 24716	nshcen	Mark on plate
AX 1855-		7 24755-	[h	
AX 1946		? 24798	g	
MF 6574	Aug. 4, '20	22541	k-l	
MF 6646	Aug. 9, '20	22546	k]	
MF 8490	Apr. 25, '24	23901	f	
MF 8499	Apr. 29, '24	23905	f-g	
MF 8554	May 8, '24	23914	f	
MF 9051	May 2, '25	24273	g]	
MF 9102	May 14, '25	24285	g-h	
MF 9120	May 16, '25	24287	[g	
MF 9133	May 18, '25	24289	h]	
MF 9196	May 25, '25	24296	g	
MF 9212	May 26, '25	24297	h]	Peculiar image
MF 9230	May 27, '25	24298	[f	
MF 10237	May 13, '26	24649	[Er	
MF 10246	May 14, '26	24650	[Er	
MF 10264	May 17, '26	24653	[Er	
MF 10268	May 18, '26	5 24654	[Er	
MF 10276	May 19, '26	24655	[Er	
MF 10281	May 20, '26	24656	[Er	
MF 10301	June 1, '26	24668	r	
MF 10307	June 2, '26	24669	r	
MF 10314	June 3, '26	24670	r]	
MF 10344	June 11, '26	24678	r]	
MF 10353	June 12, '26	24679	r]	

Plate	Date	J.D.	Est.	Remarks
MF10377	June 15, '26	24682	m-r	
MF3906	June 22, '19	22132	{h	
MF4001	June 26, '19	22136	h]	
MF6051	June 16, '20	22492	ms-h seen	
MF6258	July 11, '20	22517	ms-h seen	
MF8650	June 24, '24	23961	b]	
MF8723	June 25, '24	23962	b]	
MF10509	July 13, '26	24710	k	
MF10510	July 13, '26	24710	k	
MF10511	July 13, '26	24710	k]	
MF10512	July 13, '26	24710	k]	
MF10513	July 13, '26	24710	{k	
AX519		23914	ms seen	
AX567		23930	f]	
AX581		23940	d	
AX625		23962	b-c	
AX683		23972	{b	
AX731		23997	{c	
AX767		24031	d]	
AX820		24049	f	
AX863		24075-	ms b seen	
AX1056		24286	g	
AX1099		24299	f]	
AX1157		24319	f]	
AX1203		24328	f]	
AX1224		24352	f]	
AX1266		24371	d]	
AX1619		24647	msg seen	
AX1653		24655-	msg seen	
AX1693		24679	ms h seen	

Plate	Date	J.D.	Est.	Remarks
A X 175-0		7 24705	msg sen	
A X 1807		7 24728	g-h	
A X 1824		7 24732	h	
A X 1856		7 24755	h]	
A X 1926		7 24788	msl sen	
A X 1952		7 24800	msl sen	
B 38946		18081	msg sen	On edge
B 36579	Aug. 10 '05	17068	msl sen	" "
B 36462	July 22 '05	17049	msc sen	" "
B 35585		16915	f]]	" "
B 33826	May 24 '04	16625	f]]	" "
B 32585		16360	msl sen	" "
B 32021		16286	Er	" "
B 31800		16253	l	" "
B 31609		16239	l	" "
B 31433	Apr. 16 '03	16221	msl sen	On corner of plate
B 30536		15973	h	On edge
B 29975		15910	ms h sen	On corner
B 29758		15887	msg sen	" "
B 27162		15486	msg sen	" "
B 25447		15164	h]]	On edge
B 22891		14795	A	" "
B 22474		14750	ms sen	On corner
B 21897		14528	ms h sen	On edge
B 16443		13730	msg sen	On corner, Swatched
B 13528	June 3 '95	13348	ns f"	" "
B 9644	June 22 '93	12637	IA	On edge
B 6372	June 19 '91	11903	msl sen	" "
B 3942	Aug. 5 '89	11220	m	
B 50146	Apr. 18 '17	21337	msl sen	On edge

Plate	Date	J.D.	Est.	Remarks
B48115	Aug. 1, '16	21077	msc sun	On edge
B48111	July 28, '16	21073	msc "	" "
B44931	Aug. 11, '14	20356	msc sun	" "
B43921	July 10, '13	19959	msf sun	" "
B41645	July 15, '10	18868	msg sun	" "
A7775	June 30, '06	17392	[H]	
A7776	June 30, '06	17392	C-d	
A5449	July 13, '07	15579	g	
A2695	Sept. 3, '97	14171	msl sun	
A2670	Aug. 26, '97	14163	Er	
A2542	July 10, '97	14116	ms h sun	
A1934	July 27, '96	13768	Er	

RX Parniss B27440 AX 1946

Plate	Date	J.D.	Est.	Remarks
AX2049		25-183	ns c sem	
AX 1952		24800	ns d sem	
AX1926		24788	ns c sem	
AX1856		24765-	ns f sem	
AX1824		24732	ns d sem	
AX1807		24728	ns e sem	
AX1750		24705-	ns c sem	
AX1693		24679	d	
AX1653		24655-	[C	
AX1619		24647	[C	
AX1266		24371	d]	
AX1224		24352	ns e sem	
AX1203		24328	ns f sem	
AX1159		24319	ns e sem	
AX1099		24299	ns d sem	
AX1056		24286	ns f sem	
AX863		24075-	ns d sem	
AX820		24049	ns d sem	
AX767		24021	d	
AX731		23997	C	
AX683		23972	[C	
AX682		23972	[C	
AX625-		23962	ns d sem	
AX581		23940	ns c sem	
AX551		23930	ns c sem	
AX519		23914	ns c sem	
AX1946		24798	e]]	
AX1855-		24755-	[C	
AX1798		24716	[C	

Plate	Date	J. A.	Est.	Remarks.
AX 1746		24704	f	
AX 1624		24648	[C]	
AX 1364		24433	[C]	
AX 1332		24411	b	
AX 1267		24371	[d]	
AX 1246		24357	[f]	
AX 1187		24326	[g]	
AX 1153		24318	nsf sen	
AX 1086		24296	ns c sen	
AX 862		24074	g	
AX 773		24024	[d]	
AX 527		23918	nsf sen	
AX 484		23902	ns c sen	
AX 578		23939	ns c sen	Mearedge
AX 627		23962	ns c sen	"
AX 684		23972	[d]	"
AX 768		24021	d	"
AX 800		24034	ns b sen	"
AX 864		24075	ns c sen	"
AX 889		24076	ns d sen	"
AX 1174		24324	u ?	
AX 1255		24360	ns d sen	
AX 652		23967	[d]	
AX 689		23974	c-d	
AX 713		23991	[C]	
AX 763		24019	[d]	
AX 806		24035	ns c sen	
AX 865		24076	ns d sen	
AX 1068		24290	ns e sen	
AX 1107		24300	ns f sen	

Plate	Date	J.D.	Ent.	Remarks
AX1164		24320	nsolun	
AX1196		24327	nsfsm	
AX1250		24359	nsdren	
AX1275		24374	c-cl	
AX1308		24402	b2]	
AX1373		24440	{[C	
AX1578		24626	C	
AX1640		24651	C	
AX1657		24656	{[C	
AX1706		24683	d-e	
AX1735		24700	f]	
AX1792		24713	nsesun	
AX1837		24739	nsesun	
AX1891		24767	f[C	
AX1969		24814		
AM15750		23179	nsasun	
AM15783		23191	nsbsun	
AM15827		23206	nsbsun	
AM15841		23209	nsbsun	
AM15863		23221	nsbsun	
AM15930		23247	nsbsun	
AM15954		23251	nsCsun	
AM15991		23265	nsCsun	
AM16003		23269	nsbsun	
AM16103		23338	a]	
AM16229		23535	C	
AM16270		23566	[5b	
AM16281		23573	C]	
AM16342		23619	nsCsun	
AM16412		23671	nsbsun	

Poor plate

Plate	Date	T.D.	Sat.	Remarks
B 12135	Sept. 12, '94	13084	nsesun	
B 12134	Sept. 12, '94	13084	nsesun	
B 11803	Aug. 11, '94	13052	d]]	
B 11802	Aug. 11, '94	13052	d]]	
B 11639	July 21, '94	13031	[Lb	near edge.
B 11638	July 21, '94	13031	C]]	Very dim
B 11601	July 16, '94	13026	[Lb	
B 11440	June 15, '94	12995	C	
B 11439	June 15, '94	12995	C	
B 10227	Aug. 26, '93	12702	nsdscun	
B 10226	Aug. 26, '93	12702	nsdscun	
B 9651	June 22, '93	12637	d]]	
B 9650	June 22, '93	12637	C-d	
B 9649	June 22, '93	12637	[Lc	
B 6289	June 12, '91	11896	nsbsun	
B 6288	June 12, '91	11896	nsbsun	
B 6252	June 10, '91	11894	nsdscun	
B 6251	June 10, '91	11894	nsdscun	
B 6250	June 10, '91	11894	nsdscun	
B 6249	June 10, '91	11894	nsdscun	
B 4139	Sept. 4, '89	11250	nsdscun	near edge
B 4138	Sept. 4, '89	11250	nsdscun	
B 4048	Aug. 20, '89	11235	nsdscun	
B 4016	Aug. 13, '89	11228	[Lf	
B 3995	Aug. 8, '89	11223	nsdscun	
B 3977	Aug. 7, '89	11222	nsdscun	
B 3962	Aug. 6, '89	11221	nsdscun	near edge
B 3923	Aug. 2, '89	11217	nsdscun	
B 3537	June 13, '88	11167	nsdscun	near edge
B 22591	Apr. 20, '99	14765	[d]	

Plate	Date	S.D.	Est.	Remarks
B 24412	Oct. 14 '99	14942	b-c	
B 24378	Oct. 13 '99	14941	[b]	
B 23970	Aug. 24 '99	14891	[e]	
B 23927	Aug. 18 '99	14885	ns e sen	
B 23505	July 17 '99	14853	ns e sen	
B 23112	June 19 '99	14825	ns e sen	
B 23061	June 16 '99	14822	ns c sen	
B 22893	May 20 '99	14795	f	
B 22612	Apr. 21 '99	14766	ns c sen	
B 22556	Apr. 8 '99	14753	[c]	
B 22062	Oct. 21 '98	14584	[f]	
B 22057	Oct. 20 '98	14583	ns c sen	
B 22055	Oct. 20 '98	14583	ns c sen	
B 21337	Apr. 30 '98	14410	ns d sen	
B 21293	Apr. 26 '98	14406	ns c sen	
B 21151	Apr. 2 '98	14382	ns c sen	
B 20504	Sept. 23 '97	14191	ns d sen	
B 20362	Sept. 15 '97	14183	ns e sen	
B 19578	June 18 '97	14094	b-c	
B 19514	June 10 '97	14086	[b]	
B 19379	June 3 '97	14079	b	
B 19345	June 2 '97	14078	[b]	
B 17712	Oct. 15 '96	13848	[b]	
B 17588	Oct. 7 '96	13840	c]	
B 16329	June 13 '96	13724	ns b sen	
B 16285	June 12 '96	13723	ns e sen	
B 14741	Sept. 28 '95	13465	c]	
B 14301	Aug. 3 '95	13409	d]]	
B 14250	Aug. 1 '95	13407	d]	
B 14249	Aug. 1 '95	13407	d]]	

Plate	Date	J.D.	Est.	Remarks
B 13217	May 9, '95	13323	nsdsc	
B 13215	May 9, '95	13323	nsfsc	
B 13003	Apr. 10, '95	13294	nsfsc	
B 12970	Apr. 9, '95	13293	nsdsc	
B 12965	Apr. 8, '95	13292	f	
B 12964	Apr. 8, '95	13292	nsfsc	
B 30623	Sept. 22, '02	16015	nsbse	
B 30241	June 28, '02	15-929	[E]	
B 30116	June 17, '02	15-918	nsdsc	
B 30113	June 17, '02	15-918	f	
B 30107	June 17, '02	15-918	nsdsc	
B 29977	June 9, '02	15-910	nsfsc	
B 29765	May 17, '02	15-887	nsdsc	
B 28661	Oct. 5, '01	15-663	nsbse	
B 28514	Sept 11, '01	15-639	[f]	
B 28513	Sept. 11, '01	15-639	[f]	
B 28240	Aug. 17, '01	15-614	[d]	
B 28154	Aug. 5, '01	15-602	d]	
B 28117	Aug. 2, '01	15-599	[c]	
B 27950	July 23, '01	15-589	[c]	
B 27853	July 11, '01	15-577	[b]	
B 27726	June 22, '01	15-558	b]	
B 27721	June 21, '01	15-557	b]	
B 27562	June 5, '01	15-541	[c]	
B 27520	May 29, '01	15-534	d]	
B 27497	May 28, '01	15-533	nsdsc	
B 27481	May 28, '01	15-533	d]	
B 27443	May 27, '01	15-532	d]	
B 27440	May 27, '01	15-532	[d]	
B 26085	Sept 12, '00	15275	nsdsc	

Plate	Date	J.D.	Est.	Remarks
B25972	Sept. 4, '00	15-267	nsdcm	
B25970	Sept 4, '00	15-267	ns l sm	
B25969	Sept 4, '00	15-267	lg	
B25703	July 3, '00	15-204	e	
B25564	July 19, '00	15-190	a	
B25524	June 2, '00	15-173	e	
B25434	May 23, '00	15-163	[b	
B25432	May 23, '00	15-163	b-c	
AX1299		24391	b-c	
AX1333		24411	b	
AX1365		24433	c	
AX1654		24655	[c	
AX1707		24683	[e	
AX1776		24711	ns c sm	
AX1828		24733	ns f sm	
AX1878		24763	ns d sm	
AX1918		24786	ns d sm	
AX1920		24787	ns d sm	
B25368	May 21, '00	15-161	[b	
B38953	May 19, '08	18081	b]]	
B38948	May 19, '08	18081	a-b	
B38867	May 7, '08	18069	[b	
B38020	Aug. 19, '07	17807	ns c sm	
B37976	Aug. 15, '07	17803	ns d sm	
B37749	July 9, '07	17766	ns c sm	
B36965	Sept. 9, '05	17098	ns f sm	Plate scratched
B36877	Sept 5, '05	17094	f	
B36582	Aug. 10, '05	17068	[c	
B36553	Aug. 9, '05	17067	c-a	
B36072	May 15, '05	16981	ns c sm	

Plate	Date	J.D.	Est.	Remarks
B 35894	Apr. 22, '05	16958	msfcm	
B 35754	Apr. 1, '05	16937	msbcm	
B 34375	July 20, '04	16682	msdcm	
B 34373	July 20, '04	16682	msescm	
B 33861	May 25, '04	16626	CJJ	
B 33588	May 3, '04	16604	{Eb	
B 33491	Apr. 23, '04	16594	b-c	
B 32653	Oct. 8, '03	16396	b-c	
B 32513	Aug. 31, '03	16358	E	
B 32512	Aug. 31, '03	16358	{e	
B 32255	July 16, '03	16312	msfcm	
B 32254	July 16, '03	16312	mscsm	
B 32100	July 2, '03	16298	msdcm	
B 32009	June 16, '03	16282	{g	
B 31953	June 3, '03	16269	{f	
B 31837	May 19, '03	16254	msdcm	
B 31830	May 19, '03	16254	mscsm	
B 31731	May 7, '03	16242	d-e	
B 46600	May 9, '16	20993	{e	Dim
B 45583	Sept. 6, '15	20747	msescm	
B 44991	Aug. 15, '14	20360	msdcm	
B 44963	Aug. 13, '14	20358	msdcm	
B 44886	July 27, '14	20341	msdcm	
B 44744	July 11, '14	20325	msgcm	
B 44158	Sept. 3, '13	20014	c-d	
B 44157	Sept. 3, '13	20014	dJJ	
B 43933	July 12, '13	19961	msdcm	
B 43927	July 10, '13	19959	{Ee	
B 43924	July 10, '13	19959	mscsm	
B 43846	June 23, '13	19942	msdcm	

Plate	Date	J.D.	Est.	Remarks
B42539	Aug. 2, '11	19251	nsdscm	
B42442	July 7, '11	19223	nsdscm	
B42365	June 8, '11	19196	d-e	Film stained
B42364	June 8, '11	19196	dJ	" "
B42362	June 8, '11	19196	Ed	
B41369	May 28, '10	18820	nsdscm	
B41347	May 27, '10	18819	nsdscm	
B41345	May 27, '10	18819	nsdscm	
B40500	June 27, '09	18485	c-d	
B40382	May 30, '09	18457	e-f	
B40215	May 8, '09	18435	nsdscm	
B40212	May 8, '09	18435	f	
B40136	Apr. 30, '09	18427	nsdscm	
B51561	July 28, '17	21438	{b	
B51560	July 28, '17	21438	{b	
B51539	July 27, '17	21437	b-c	
B51538	July 27, '17	21437	cJ	
B51514	July 19, '17	21429	nsdscm	
B51491	July 17, '17	21427	nsdscm	
B51490	July 17, '17	21427	nsdscm	Plate marked
B51454	July 15, '17	21425	nsdscm	
B51189	June 21, '17	21401	nsdscm	
B51113	June 18, '17	21398	nsdscm	
B51041	June 14, '17	21394	nsdscm	
B51019	June 13, '17	21393	nsdscm	
B50969	June 11, '17	21391	nsdscm	
B48445	Sept. 28, '16	21135	nsdscm	
B48412	Sept. 27, '16	21134	nsdscm	
B48320	Sept. 20, '16	21127	nsdscm	
B48016	July 22, '16	21067	c-d	

98

Plate	Date	J.D.	Est.	Remarks
B 47571	June 22, '16	21037	c]]	
MF 7072	Sept. 13, '20	22571	nsfsm	
MF 7066	Sept. 12, '20	22580	nsfsm	
MF 7055	Sept. 10, '20	22578	f]]	
MF 7056	Sept 10, '20	22578	f]]	
MF 6740	Aug. 14, '20	22531	e]]	
MF 4673	Aug. 28, '19	22565	nsfsm	
MF 4638	Aug. 27, '19	22564	nsfsm	
MF 6602	Aug. 6, '20	22543	nsfsm	
MF 6579	Aug. 4, '20	22541	d]]	
MF 6428	July 22, '20	22528	d]]	
MF 6353	July 19, '20	22525]]c	
MF 6337	July 18, '20	22524]]c	
MF 4441	Aug. 16, '19	22187	nsfsm	
MF 7749	Aug. 22, '21	22924]]	
MF 7750	Aug. 22, '21	22924]]	
MF 3752	May 31, '19	22110	c-d	

No Estimates 286

2nd column intended for
RW Pavonis; — not found.

S U Sagittarii B 26 145-

Plate	Date	J.D.	Est.	Remarks
B 12549	Nov. 13, '94	13146	c	
B 14089	July 10, '95	13385-	b	
B 145-49	Sept. 7, '95	13444	c-d	
B 22170	Nov. 11, '98	14605-	[a	
B 26305-	Sept. 26, '00	15289	a-b	
B 26145-	Sept. 15, '00	15278	c	
B 28627	Oct. 3, '01	15661	b	
B 30826	Oct. 10, '02	16033	b]	
B 31811	May 18, '03	16253	b	
Ax 2015-		2515-4	e-f	
Ax 1919		24787	c-d	
Ax 5-35-		23919	d	
Ax 613		23960	c	
Ax 645-		23965-	c-d	
Ax 725-		23993	d-e	
Ax 1049		24285-	c	
Ax 1106		24300	c	
Ax 1316		24404	f]?	Poor Plate
Ax 15-75-		24623	c	
Ax 536		23919	[e	
B 3810 6	Aug 31, 19?		c	O Spectrum
A 8157	Oct. 12, '06	17496	c	
A 9801	Sept. 12, '09	18562	b-c	
Ax 1650		24654	c	
Ax 1757		24706	d]	
Ax 1853		2473-4	d	
Ax 1917	Sept. 27, '26	24786	b-c	
Ax 1756	July 9, '26	24706	b]	
AM 8883	May 7, '13	19895-	[b	

Plate	Date	J. D.	Est.	Remarks
AX 1220	July 16, '25	24348	c-d	
AX 1699	June 14, '26	24681	d	
AX 1032	Apr. 29, '25	24270	e	
AX 1743	July 6, '26	24703	c-d	
AX 1621	May 11, '26	24647	[c	
AX 784	July 15, '26	24712	d]	
AX 771	Aug. 25, '24	24023	d	
AX 1705	June 15, '26	24682	d	Poor plate
AX 1791	July 16, '26	24713	[c	
AX 1834	Aug. 10, '26	24738	c	
AX 1839	Aug. 12, '26	24740	[c	
AX 1854	Aug 26, '26	24754	[c	
AX 1968	Oct. 23, '26	24812	d	
AX 126	June 17, '23	23588	c	} <i>df</i>
AX 178	Aug. 8, '23	23640	d	
AX 187	Aug. 13, '23	23645	d	
AX 226	Sept. 14, '23	23677	c-d	
AX 242	Oct. 2, '23	23695	[c	
AX 256	Oct. 5, '23	23698	c]	
AX 520		23914	d	
AX 566	May 28, '24	23934	d	
AX 572	May 29, '24	23935	c	
AX 577	June 2, '24	23939	c	
AX 626	June 25, '24	23962	d-e	
AX 678		23971	e]	
AX 760		24018	d]	
AX 814	Sept. 18, '24	24047	d	
AX 861	Oct. 14, '24	24073	[c	
AX 1012	Apr. 3, '25	24244	c-d	
AX 1063	May 18, '25	24289	[c	

102

Plate	Date	J.D.	Est.	Remarks
AX1204	June 26, '25	24328	c	
AX1217	July 14, '25	24346	[c	
AY15-81	Apr. 21, '26	24627	c-d	
AX1651	May 18, '26	24654	b	
AY1447	Apr. 28, '27	24999	c	W
AY1477	June 3, '27	25035	d	W
AY15-64	Aug. 15, '27	25108	[c	W
AY15-70	Aug. 17, '27	25110	b-c	W
AY15-75	Aug. 24, '27	25117	c]	
AY15-81	Aug. 25, '27	25118	b-c	
AY15-87		25122	c])	
AY15-90		25127	b	
AX602		23947	e	
AX603		23949	d	
AX641		23964	d-e	
AX665		23969	d-e	
AX726		23993	d	
AY794		24033	[d	
AY872		24081	e-f ?	
AX901		24088	[d	
AX1094		24298	[e	
AX1147		24317	d	
AX1181		24325	c]	
AY1709		24684	{[c	
AY1747		24704	c	
AX1793		24713	c	
AX1818		24731	d	
AX1857		24755	c	
AX1899		24769	b	
AX1942		24794	c	

Plate	Date	J.D.	Est.	Remarks
AX195-3		24800	b-c	
AX2016		25-154	d	
AX2032		25-177	c	
AX2037		25-179	c	
AM12208		21062	b-c	
AM13440		21437	c	
AM1415-4		21788	b	
AM14244		21806	b	
AM14682		22083 2280	b	
AM14869		22166	b	
AM15021		22225	b	
AM15294		225-16	c	
AC2714	July 31, '02	15-962	{c	
AC2737	Aug. 12, '02	15-974	c	
AC27600	June 11, '06	17373	d	
AC11985	Oct. 3, '10	18948	c]	
AC14304	Aug. 26, '13	20006	c	
AM10098		20384	c]	
AM10146		20394	[c	
AM10180		20414	c	
AM10257	Nov. 3, '14	20440	b-c	
AM10741		20681	c]	
AM10764		20688	b-c	
AM10788		20691	[b	
AM10822		20695	[b	
AM10902		20708	c	
AM11084		20741	[b	
AM11276		20769	c]	
AM11659		20993	c]	
AM11745			[c	Yellow

104

Plate	Date	J.D.	Est.	Remarks
AM 11775-		21006	c	
AM 11785-		21007	b	
AM 11829		21011	[b]	
AM 12127		21048	c	
AM 12216		21063	[b]	
AM 12235-		21066	[b]	
AM 12508	Sept. 28, '16	21135-	[b]	
AM 12535-		21137	[b]	
AM 13141		21364	[c]	
AM 13400		21424	c	
AM 13417		21427	c	
AM 7792		19300	[b]	
AM 7841		19311	[c]	Badly scratched
AM 8081	Apr. 18, '12	195-11	c	Very dim
AM 8124	Apr. 25, '12	195-18	ms b sin	
AM 8165	May 9, '12	195-32	[c]	
AM 8206	May 19, '12	195-42	[c]	
AM 8230	May 22, '12	195-45-	b-c	
AM 8301		195-61	[b]	
AM 8307		195-62	[b]	
AM 8369		19572	b	
AM 8390		19588	[c]?	
AM 8423		195-93	b-c	
AM 8469		19601	b-c	
AM 8485-		19603	[b]	
AM 8492		19604	[b]	
AM 8559		19632	[c]	
AM 8579		19645-	[c]	
AM 8598		19650	[b]	
AM 8748		19711	c?	

Plate	Date	J.D.	Est.	Remarks
AM 8861		19889	b	
AM 8903		19898	b	
AM 8937		19911	b]	
AM 8944		19912	b]	
AM 8999		19922	b]]	
AM 9068		19931	b-c	Poor Plate
AM 9197		19959	b]	
AM 9267		19977	c]	
AM 9304		19985-	c]	
AM 9336		19989	c	
AM 9386		20012	E	
AM 9392		20013	b-c	
AM 9541		20044	c]	
AM 9835	June 5, '14	20289	b]]	Practical Plate a not clear wrong sequence
AM 9937		20328	b-c	
AM 9943		20329	b-c	
AM 9947	July 16, '14	20330	[E]b	
AM 9977		20337	b-c	
AM 9983		20338	[E]b	
AM 10038	Aug. 9, '14	20364	c]]	
AM 10085		20366	[E]b	
AM 10088		20367	[E]b	
AM 10093		20372	b-c	
AM 5712		18156	[E]b	
AM 5752		18171	b]	T'
AM 5778		18173	[E]b	T'
AM 5820		18199	c]	
AM 5854		18209	b-c	
AM 6011		18395-	c]]	
AM 6114		18438	b-c	

106

Plate	Date	J.D.	Est.	Remarks
AM 6114		18438	b-c	
AM 6170		18453	[b]	
AM 6228		18472	[b]	
AM 6338		18499	d-e	
AM 6343		18500	c	Difficult to estimate
AM 6347		18501	d]	
AM 6368	July 17, '09	18505	no obs	
AM 6374		18506	[c]	
AM 6422	July 28, '09	18516	b-c	
AM 6454		18531	c]	
AM 6592		18565	c	
AM 6613		18571	c]	
AM 6946		18820	b]	
AM 6952		18821	b	
AM 7008	June 8, '10	18831	b]	T not comparable
AM 7033		18848	a-b	
AM 7063		18855	b]	
AM 7084		18859	b	
AM 7163		18884	b]	
AM 7195		18892	b]	
AM 7265		18919	[b]	
AM 7402		19153	b-c	
AM 7457		19204	c]	
AM 7458		19204	[c]	
AM 7496	June 27, '11	19215	b	
AM 7523	July 6, '11	19224	b	
AM 7530		19225	b]	
AM 7549	July 15, '11	19233	b]	
AM 7606		19241	[b]	
AM 7651		19253	c]	

Plate	Date	J.D	Est.	Remarks
AM 7676		19269	b-c	
AM 7725	Aug. 27, '11	19276	b	
AM 137		14904	c]	
AM 461	May 8, '00	15-148	c]	
AM 638	July 23, '00	15224	c]	
AM 798	May 21, '01	15-526	[b ?	Poor Photo
AM 802		15-527	c]	
AM 1543	Sept. 17, '02	15610	d]	
AM 1589	Sept. 30, '02	16023	d]	
AM 1952		16253	b-c	
AM 1960		16254	c	
AM 2086		16297	c	
AM 2129		16311	b-c	
AM 2147		16319	c	
AM 2244		16359	c	
AM 2572		16593	b-c	
AM 2618		16606	[b	
AM 2639		16608	b	
AM 2713		16636	[b	
AM 2756		16650	b-c	
AM 2797		16663	c	
AM 2854		16683	b	
AM 2916		16697	[b	
AM 2959		16711	[b	
AM 3002		16726	c]	
AM 3392		16922	c]	
AM 3448		16943	[c	
AM 3496		16968	[b	
AM 3537		16979	b]	
AM 3625		17009	b	

108

Plate	Date	J.D.	Est.	Remarks
AM 3655-		17019	[b]	
AM 3689		17032	c]	
AM 3802		17076	[c	
AM 3883		17105-	[c]	
AM 4205-		17335-	[b]	
AM 4269		17360	[b]	
AM 4311		17376	c]	
AM 4339		17384	c	
AM 4365-		17394	c-d	
AM 4388		17403	c	
AM 4527		17447	c]	
AM 4539		17450	b-c	
AM 4562		17465-	[c]	
AM 4620		17495-	[c	
AM 5013		17774	[c	
AM 5024		17787	c]	
AM 5090		17813	c]	
AM 5114		17820	b	
AM 5340		18027	b]	
AM 5390		18042	b-c	
AM 5444		18069	b	
AM 5576		18111	[b]	
AM 5640		18130	c]	
AM 5683		18148	b]	

Only est. on A.M. plates recorded
and used in determining period

Total est. = 257
No. est. on AM plates = 160

Plate	Date	J.D	Est.	Remarks
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$$\begin{array}{r} 23 \\ \underline{6} \\ 138 \end{array} + 4 - 2$$

140

1878phae.proj..921H

