KG
11365
862

HENRY DRAPER MEMORIAL.

Catalogue of Plates.

Classes N. H. L.

No. 40. Peruvian Plates

KG11365. 862

HARVARD
UNIVERSITY
LIBRARY
JUL 17 1956

Notes on Identification of N Plates following 3300.

Sept 7/89 N. plates from 3301 to 3552 exam. and checked.

Sept 20/89 N. plates from 3553 to 3700 " " "

Class N.

−20°

	R.A. h.	No. Plate	No. Box	Letter	St. St.	F.M.f.b	F.Clw.	No. Stars	Ref. to Mag.	Ref. to Ident.
	0.0	4486	111	C 2						
	0.1	4613	128	B 4						
	0.7									
	0.8	4715	134	B 2						
	1.3	4717	.134	C 2						
		5797	3242	B 3						
	2.0	4739	140	C 2						
b		5798	3242	C 2						
	2.7	4634	130	A 4						
	3.3	4257	89	B 2						
	4.0	4258	89	C 2						
		5637	231	B 3						
	4.7	4261	89	C 1						
		4772	144	B 3						
	5.3	4264	89	C 1						
		4749	140	C 2						
		4773	143	A 3						
	6.0	4263	89	C 1						
		4778	142	C 2						
		5821	3249	B 5						

1889phae.prpj..863F

Class N.

−20°

	R.A. h.	No. Plate	No. Box	Letter	St.Lt.	F.Work	F.Ch.	No. Stars	Ref.to Meas.	Ref.to Ident.
	6.7	4458	101	B3						
	7.3	4783	142	C2						
		5826	3244	B5						
	8.0	4908	159	C3						
		5827	3244	B5						
	8.7	5074	174	B3						
	9.3	5078	174	B4						
	10.0	4913	154	C2						
b.		5113		B						
	10.7	5117	180	B3						
	11.3	4921	158	B3						
	12.0									
	12.7	3460	17	C2						
		5127	179	B3						

Class N.
-20°

R.A. h.	No. Plate	No. Box	Letter	St.St.	F.M.+C.	F.Cl.	No. Stars	Ref. to Maps.	Ref. to Ident
13.3	3368	8	C2						
	5131	180	A4						
	~~5345~~	~~201~~	~~C2~~						
13.2	5345	201	C2						
13.2	5357	202	B4						
14.0	4924	158	B3						
14.7	3388	11.	C2						
15.3	3370	8	C2						
	5141	178	B3						
16.0	3391	11	C3						
	3967	60	B4						
16.7	5146	178	B4						
17.3	3490	30	A4						
18.0	3572	29	C2						
"	3974	59	C2						
18.6	4946	164	B4						
18.7	4188	86	C3						
	~~4946~~	~~164~~	~~B4~~						
19.3	4278	92	C2						
	~~5379~~	~~202~~	~~B4~~						
19.4	5379	202	B4						

Class N.
−20°

R.A. h	No. Plate	Inv. Box	Setter	St. Set	F. Mot. C	F. Ch.	No. Stars	Ref. to Meas.	Ref. to Ident.
20.0	3405	13	C2						
"	3979	59	B2						
20.7	5787	181	B3						
21.2	4399	94	C2						
21.3									
21.3	4190	8[illegible]	B2						
21.4	3653	36	a3						
22.0	~~4190~~	~~80~~	~~B2~~						
22.1	3431	14	C3						
22.7	3432	15	C1						
	4468	108	B3						
23.3	4429	102	B4						

Class N.
−25°

R.A. h.	No. Plate	No. Box	Letter	St. Let	F.M.&C	F.Cls.	No. Stars	Ref. to Meas.	Ref. to Ident.
0.3	4434	102	B3						
0.7	4254	90	C1						
1.0	4410	104	A3						
1.3	4436	102	C1						
1.7	4435	102	B3						
b 2.0	4255:		C						
2.3	4633	130	B3						
2.7	4256	89	C1						
3.0	4635	119	C3						
3.3	4260	89	C1						
3.7	4759	140	C3						
4.0	4259	89	C1						
4.3	4476	107	B2						
4.4	4765	144	C2						
4.7	4262	89	C1						
5.0									
5.1	4417	103	A4						
5.7	4775	142	C3						
	5811	3249	B4						
6.3	4531	115	B3						

Class No.
-25°

	R.A. h	No. Plate	No. Box	Letter	St. Let.	F.H.C.	F.Ch.	No. Stars	Ref. to Meas.	Ref. to Ident.
	7.0	4463	108	B4						
	7.7	4708	134	A4						
-264	8.3	7162	—	2						
-260		7257	3581	3						
8.4 -260		7391	3615	3						
	9.0	5076	173	B4						
	9.7	5111	171	B4						
	10.3	4914	148	C2						
		5114	173	B2						
	11.0	4920	158	B4						
		5046	175	B4						
	11.7	4922	158	C2						
		5123	180	B3						
	12.0	3457	17	C2						
b	12.3	4923								
		5126	179	A3						
	13.0	5087	176	A4						

Class No.
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R.A. h.	No. Plate	No. Box	Letter	St. Lt.	F.H.C.	F.Ch.	No. Stars	Ref. to Meas.	Ref. to Estim.
~~13.7~~	~~1878~~	~~145~~	~~B4~~						
14.2	4880	156	B4						
14.3	~~4880~~	~~156~~	~~B4~~						
15.0	5140	178	B4						
15.7	4931	157	C3						
	5142	179	A5						
16.0	3968	60	B4						
16.3	5145	178	A5						
17.0	5147	171	B2						
17.3	3491	20	C3						
	5670	3227	B5						
17.3	3971	60	B3						
17.6	4943	164	B4						
17.7	~~4940~~	~~164~~	B4						
	5673	3227	B4						
18.0	3973	60	C2						
18.0	3571	29	C3						
G 18.3	4937								
	5660	230	B3						
18.7	4187								
19.0	4426	102	C2						
	5164	183	A5						
19.3	4299	93	C4						
19.7	5166	183	B4						
20.0	3409	13	C2						

Class N°
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Rt. A. h.	No. Plate	No. Box.	Letter	St. Lt	Hor. l	Elev.	No. Stars	Ref to Meas.	Ref to Ident.
20·3	4446	105	C2						
	5381	3199	B4						
20·7	3981	59	B3						
21·0									
21·3	3984	49	B4						
21·7	4443	105	B2						
22·0	4191	72	B3						
22·0	3430	15	C3						
22·3	4445	105	B3						
22·7	4280	92	B2						
23·0									
23·1	4401	104	B3						
23·7	4431	B106	B3						

Class N°
— 30°

R.A. h	No. Plate	No. Box	Letter	St. Set.	F. M+C	F. Clv.	No. Stars	Ref. to Meas	Ref. to Ident.
0.0									
0.1	4612	- 128	B4						
0.1	4485	111	C2						
0.7	4437	102	C3						
	4698	133	C2						
	4716	134	C2						
b	5796	3242	B3						
1.3									
2.0	4565	116	B2						
2.7	4566	110	A4						
3.3	4452	106	C2						
	4567	110	B3						
4.0	4568	109	A3						
4.7	4416	103	B4						
5.3	4774	143	C3						
	5810	3249	B4						
5.6	7234	3573	2						
6.0	4777	142	B4						

Class No.
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R.A. h.	No. Plate	No. Box	Letter	Std.	Work	Fld.	No. Stars	Ref. to Meas.	Ref. to Ident.
6.7	4779	142	C3						
	5825	3248	B5						
7.3	4466	108	B3						
8.0	5828	3244	B4						
8.7	5075	174	B4						
9.3	5079	174	A4						
10.0	5016	166	B3						
10.7	5118	180	B4						
11.3	3392	12	C2						
12.0	3458	16	C3						
	5124	177	C3						
	5125	177	A4						
12.7	5085	176	A5						

Class N.

— 30°

~~Ast~~ h.	No. Plate	No. Exp.	Letter	St.St.	F.Mark	Flch.	No. Stars	Ref. to Meas.	Ref. to Ident.
13.3	5086	176	B4						
	~~5357~~	~~202~~	~~B4~~						
14.0	4879	156	C4						
	4925	158	B4						
	7323	–	3						
—31.5 14.1	7282	3581	3						
14.7	5139	178	B3						
15.2	4883	156	B4						
15.3	~~4883~~	~~156~~	~~B4~~						
16.0	5743	178	B4						
16.7	3969	60	B3						
17.2	3492	20	B3						
17.3									
18.0	3573	29	B4						
18.7	4185								
	4938	157	B4						
— 19.3	4300	88	B2						

Class N.
— 30°

	R.A. h.	No. Plates	No. Box	Letter	St St	Fl Work	Fields	No. Stars	Ref to Mags	Ref to Ident
	20·0	3593	27	C2						
		3818	41	B2						
	20·7	3820	41	C2						
b		3980	60	C2						
		4189	86	B3						
	21.0	4400	94	B3						
	21·3									
	21.4	3983	49	B3						
	22·0	3985	57	B4						
	22·7	4279	92	B2						
	23·3	4430	3106	B3						

Class N.
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R.A. h.	No. Plate	No. Box	Letter	Start	F. No. of C.	F. Elev.	No. Stars	Ref. to Meas.	Ref. to Ident.
0.3	4433	102	B2						
1.0	4409	104	B3						
1.7									
1.8	4690	133	B3						
2.3	4693	133	B3						
3.0									
3.7	4369	109	A4						
4.3									
4.4	4763	140	B3						
5.0	4418	103	B3						
5.7	4776	143	A4						
6.2	4532	115	B4						
6.3									

Class N
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	R.A. h.	No. Plate	No. Box	Letter	St.Lt	[illegible]	Flch.	No Stars	Ref. to Meas.	Ref. to Ident.
	7.0	4464	108	A4						
	7.7	5043	172	A5⁻						
	8.3	7163	—.	2a						
−364		7258	3581	3						
8.4 −36.0		7392	3615	3						
−36.0		7476	3688	4						
	9.0	5077	176	A5⁻						
	9.7	5112	180	B3						
−364		7259	3581	3						
−340		7371	3613	3						
	10.3	5115	173	B2						
	11.0	4919	156	C2						
		5120	180	B4						
b.	11.7	5083	176	B4						
		7265	3692	3						
	12.0	8393	11	B3						
	12.3	5084	176	A5⁻						
	13.7	3459	16	C4						
	13.0	4876	152	B3						

Class No.
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	R.A. h	Plates	Box	Letter	St.Lt	F.H+C	F.Ch.	No. Stars	Ref. to Meas.	Ref. to Ident.
	13.7	4878	145	B4						
	14.3	4926.	158	A5						
	14.9	4881	156	B5						
	15.0	~~4881~~	~~156~~	~~B5~~						
b	15.6	4882	156	B4						
	15.7	~~4882~~	~~156~~	~~B4~~						
b	16.3	4932		B						
	16.7	3970	60	B3						
	16.9	4944	164	B4						
	17.0	~~4944~~	~~164~~	~~B4~~						
	17.8	5832	3244	B5						
	17.6	4942	164	B4						
	17.7	~~4942~~	~~164~~	~~B4~~						
	17.9	3493	20	B4						
	17.3	3972	60	B4						
	18.3	4936	148	A4						
	18.7	4186		B3						
	18.9	4945	164							
	19.0	~~4945~~	~~164~~	~~B3~~						
	19.7	5165	183	B4						
	20.0	3817	41	B2						
	20.0	3594	27	C3						

Class N.
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R.A. h	No. Plate	No. Box	Letter	St	St	F.M+C	F.Clo.	No. Stars	Ref. to Mas.	Ref. to Ident
20.3	5053	175	C1							
	5382	199	B4							
20.7	3819	41	B2							
21.0										
21.5	3982	59	B3							
21.7	4444	105	A3							
22.0	3429	14	B3							
22.3	4425	103	C2							
	4467	108	B3							
22.7	3986	59	B2							
23.0	4402	104	A3							
23.5	4432	102	B2							
23.7										

Class N°
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	R.A. h	No. Plate	No. Box	Letter	St. St	F.M.+C	F.Elv.	No. Stars	Ref. to Meas.	Ref. to Ident.
	0.0	4550	117	B2						
	0.7	4551	117	B3						
	1.3	4663	133	C3						
		4688	131	B3						
	2.0	4691	133	B3						
Taken R.A. 2h 50m Identifiers 2h 0m Spread Region	2.0	5795	3241	B2						
	2.7	4620	130	B3						
Spec. Region	2.9	5818	3249	B5						
	3.3									
	4.0	4622		C						
	4.7	4415	103	B4						
	5.3	4475	107	B2						
	6.0									

Class N.
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R.A. h	No. Plate	No. Box	Letter	St. Lt.	F.H10+C	F.Ch.	No. Stars	Ref. to Meas.	Ref. to Advt.
6.7	4461	5108	A4						
7.3	4784	142	B4						
8.0	4709	134	C3						
	4858	153	B3						
8.7	4712	138	A4						
9.3	5080	176	A5						
10.0	5017	167	B3						
10.7									
11.2	4870	152	C3						
11.3	~~4870~~	~~152~~	~~C3.~~						
	5121	5180	B4						
12.0	5082	176	A5						
12.7	3461	17	C2						
	5128	179	A4						

Class N.
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R.A. h	No. Plate	No. Box	Letter	St. Lt.	F. Hot + C	F. Clo.	No. Stars	Ref. to Meas	Ref. to Ident
13.3	5088	177	d5						
	~~5121~~	~~5180~~	~~B7~~						
14.0	4841	145	a4						
	4846	153	a4						
14.7	3389	11	c3						
	4845	153	a4						
	4928	158	a5						
15.3	4849	153	a5						
15.9	3486	18	a4						
16.0									
16.7	3488	18	a4						
17.3	3489	20	a4						
18.0	3574	29	B5						
18.6	3496	21	a5						
18.7									
19.3	4005	64	B3						
	~~5380~~	~~202~~	~~B4~~						
19.4	5380	202	B4						
20.2	3595	26	B3						

Class N
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R.A. h.	No. Plate	No. Box	Letter	St. Lt.	F.M.A.C.	F.Ch.	Stars	Ref. to Meas.	Ref. to Ident
20.0									
20.7	4166	82	B3						
21.3									
21.9	4169	83	B2						
21.4	3599	26	B3						
22.0	3631	33	C2						
	~~4169~~	~~83~~	~~B2~~						
22.6	4170	82	B3						
22.7	~~4170~~	~~82~~	~~B3~~						
23.3	4172	82	a3						

Class N.
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	R.A. h	No. Plate	No. Box	Letter	St. Lt.	F. Mo+C	F. Clv.	No. Stars.	Ref to Meas.	Ref to Ident
	0.3	4509	111	a3						
		5794	3241	B4						
		5816	3248	B3						
	1.0	4408	104	C3						
	1.1	4614	128	C4						
	1.7	4592	126	C3						
b		4689	131	C3						
	2.3	4692	133	B3						
		4740	141	C2						
	3.0	4474	108	B2						
		~~5784~~	~~3228~~	~~B5~~						
	3.7	4742	141	C3						
	3.8	4621	3130	C2						
	4.3	4477	107	B3						
		4743	140	C4						
	5.5	4478	107	C2						
		5808	3242	B2						
	5.7	5812	3249	B5						
	5.8	4781	3142	C2						
	6.3	4782	142	C2						
		5822	3248	B4						

Class N.
−45°

	R.A. h	No. Plate	No. Box	Letter	St. Lt.	F.M. & C.	F.Cl.	No. Stars	Ref. to Meas.	Ref. to Ident.
	7.0	4465	108	a4						
	7.7	5044	172	B4						
	8.2	4859	151	a4						
	8.3	4711	138.	a4						
		~~4859~~	~~151~~	~~a4~~						
		~~5044~~	~~3201~~	~~B4~~						
	8.4	5044	3201	B4						
b	9.0	4862	151	B4						
	9.7	5081	176	B3 ~~A5~~						
	10.3	5018	166	B4						
	11.0	4868	152	B3						
		7355		3						
b	11.7	5020		B						
	12.3	5021	3166	B4						
	13.0	5024	162	B4						
	13.3	3462	17	c3						

Class N.
−45°

R.A. h	No. Plate	No. Box	Letter	St. Lt.	4 Dec. b	7 Telv.	No. Stars	Ref. to Meas.	Ref. to Ident.
13.7	4842	145	a4						
14.3	4847	153	B4						
15.0	4848	153	a5						
15.3	4930		e						
15.7	4851	151	B3						
	5098	178	B4						
16.0	3564	28	a4						
16.3	4934	107	B3						
16.5	5831	3244	B4						
16.7	3487	18	a4						
17.0	4935	158	a4						
17.3	3955	62	B3						
17.7	5045	172	B4						
	5107	173	C1						
18.0	3575	29	a5						
18.3	4984	169	B4						
	5046	172	B4						
19.0	5047	172	B3						
19.2	3497	21	a4						
19.7	5048	172	C2						
	5105	177	B3						
20.0	4006	64	C2						
20.0	3876	48	C1						
20.0	3410	13	A						

Class V.
—45°

R.A.	Nr. Plate	No. Box	Letter	St.St.	F.M+C	F.Ch.	No. Stars	Ref. to Meas.	Ref. to Ident.
h									
20.3	4422	103	C2						
	5049	172	C2						
	5106	173	B3						
20.7	4168	83	B3						
20.8	3596	26	B3						
21.0	4469	107	B2						
21.3	3600	26	c2						
21.7	4470	107	B2						
22.2	4424	102	a4						
22.0	4192	86	B2						
22.0	3444	16	C1						
22.3									
22.7	4171	82	B3						
23.0	4403	104	B3						
"	4471	3107	B3						
23.0									
23.7	4428	102	B3						

Class No.
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R.A. h	No. Plates	No. Box	Letter	St.St.	F.M.&B.	Flch.	No. Stars	Ref. to Meas.	Ref. to Ident.
0.0									
0.1	4549	117	B3						
0.7	4552	117	B3						
1.3	4664	131	B3						
2.0	4388	126	a4						
2.7	4473	3109	B4						
3.3	4694	133	- 2						
4.0	4413	103	B3						
4.7	4414	103	a4						
5.3	5654	230	B2						
6.0	4460	101	B3						

Class N
— 50°

Ret. No.	No. Plate	No. Box	Letter	St. Lt.	F.Work	F.Clo.	No. Stars	Ref. to Meas.	Ref. to Ident.
6.7	5777	3228	B4						
7.3	4762	144	C1						
	5824	3244	B5						
8.0	4710	134	A4						
8.7									
9.3	4897	159	B4						
10.0	4898	159	B4						
10.7	4867	152	B3						
11.3	5019	166	B4						
12.0	3394	12	B3						
	4839	145	A4						
	4871	152	A4						
12.6	4874	152	B3						
12.7	~~4874~~	~~152~~	~~B3~~						

Class N.
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	R.A. h.	No. Plates	No. Box	Letter	St. St	F.M.+C.	F.Cl.	No. Stars	Ref. to Meas.	Ref. to Ident.
	13.3	4840	145	a4						
	14.0	5089	176	A5						
		5097	177	A5						
	14.7	4929	157	B4						
	15.3	4850	151	B3						
−51.0		7477		3						
	15.4	✓6790	✓3426	✓2						
	16.0	3563	28	a5						
	16.3	3472	19	B4						
	16.7	3954	61	B3						
	17.3	3956	62	a4						
−51.5	17.5	4003	63	B3						
	18.0	3958	62	B3						
	18.7	5040	171	B4						
	19.2	3498	21	a4						
	19.3	3815	48	c1						

15.9–5.15 7310 36 11 3

Class N

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R.A. h.	No. Plate	No. Box	Letter	St. St.	F. Work	F. Ch.	No. Stars	Ref to Meas.	Ref to Ident
20.0	5050	172	C1						
	5103	173	B3						
20.7									
20.8	3597	26	B4						
21.3	4479	107	B2						
22.0	3632	33	B2						
22.6	5782	3228	B3						
22.6	4194	83	B3						
22.7	~~4194~~	~~83~~	~~B3~~						
22.7									
23.3	4427	102	B3						

Spec. Reg.
Dec. − 47°

Class N.
−55°

R.A. h	Plate	Box	Setter	St. Lt.	F. Work	F. Cls.	No. Stars	Ref. to Meas.	Ref. to Ident.
0.0	4582	106	C2						
	4697	133	C2						
0.2	4610	128	C2						
0.2	4611	128	C3						
1.0									
1.2	4407	104	B3						
2.0	4587	126	B3						
3.0	4741	3141	C1						
	4764	140	C2						
3.1	4757	144	C2						
4.0									
4.1	4412	103	A4						
5.0	5655	230	B3						
6.0	4857	153	C2						
	5813	3249	B4						
	5819	3248	B4						
7.0	5823	3248	B4						
8.0	4896	159	C1						
	4892	159	B3						
9.0	4861	151	A5						
	4891	145	B4						

Class N.
— 55°

	R.A. h.	No. Plates.	Box	Letter	St. St.	F.M.&C.	F.Ch.	No. Stars	Ref to Meas.	Ref to Ident.
	10.0	4899	159	B4						
	11.0	4869	152	B3						
		7260	3531	3						
−56.0		7372	3613	3						
	12.0	3895	11	C3						
b.		5022		B						
	13.0	5023	166	B3						
13.3 −54.5	24	7072	3551	2						
Dec. −56°	13.9	3463	17	C4						
	14.0	3464	17	C2						
		5090	176	B4						
		5096	177	B4						
	15.0	3562	28	B4						
	16.0	4852	151	C2						
b		4903		B						
	16.2	5830	3244 ~~3244~~	B4						
	17.0	3957	62	B4						
	18.0	4004	64	B3						
		5039	171	B3						
	18.9	3499	21	a3						
	19.0									

Class N.
— 55°

Dec - 55°

R.A. h	No. Plates	No. Box	Letter	St.St.	F.Bot.C	F.Ch.	No. Stars	Ref. to Meas.	Ref. to Ident.
20.0	3411	12	a3						
	5052	175	c2						
	~~5442~~	~~170~~	~~B2~~						
20.1	5661	3230	B3						
	5704	177	A4						
21.0	3598	26	c2						
	4167	82	a4						
22.0	4193	86	B3						
23.0	4404	104	a4						

Class V.
−60°

	R.A. h	No. Plate	No. Box	Letter	St. Lt.	Hx or C	F. Ch.	No. Stars	Ref to Meas.	Ref to Ident.
	0.5	4714	134	B3						
	0.7	4553	117	C2						
	1.5	4590	126	B3						
		5817	3248	B4						
I few. Reg. Dec. − 58°	1.6	5793	3241	B4						
	2.5	4089	126	A4						
b	3.5	4758		B						
	4.5	5656	229	B3						
4.8 − 63.0 4.9 − 63.0		6945 6944 6948		2 2						
	5.5	5657	230	B3						
	6.5	5773	3239	C5						
		5820	3249	B5						
	7.5	4462	108	B3						
	8.5	4860	153	B4						
9.0 − 57.8		7247	3574	3						
	9.5	4863	151	B4						

Class N.
— 60°

R.A.	No. Plates	No. Box	Letter	St.St.	F.Inv+C.	F.Clo.	No. Stars	Ref. to Meas.	Ref. to Ident.
h									
10.5	3605	27	a4						
	5119	180	A5						
11.5	4903	154	B4						
12.5	4872	152	C4						
	4875	152	B4						
	4904	154	B4						
13.5	3465	17	c2						
	5091	176	B4						
	5095	177	B4						
14.5	4927	158	B4						
b 15.5	5050	170	B4						
16.5									
17.5	~~4002~~	~~63~~	~~B3~~						
	5099	177	B4						
18.5	3494	20	a4						
19.5	5051	172	C1						
	5101	173	B3						

Class N.
−60°

R.A. h.	No. Plate	No. Box	Letter	St. St.	F.&No.&C	F.Cl.	No. Stars	Ref. to Meas.	Ref. to Print
20.5									
20.6	4421	103	B3						
21.5	3456	17	C1						
	4558	116	B3						
22.1	5781	3228	B3						
22.5									
22.7	4423	103	A3						
23.5	4447	105	C2						
	4455	3105	C2						
	4561	3116	A4						

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Class N.
—65°

	R.A. h.	No. Plate	No. Box	Letter	St. Lt.	F.Uv.&C	F.Ch.	No. Stars	Refts Meas	Refts Ident
	0.0	4581.	3109	A4						
	1.3	4591	126	B3						
	3.7									
	4.0									
	4.1	4411	104	A4						
	5.3	5809	3249	B4						
	6.7	5776	3239	B3						
−66.1°		7160	—	2						
−66.0		7390	3614	3						
	8.0	4893	159	B4						
	9.3	4894	159	B4						
	10.7	4866	151	B3						
	12.0	~~4978~~	~~168~~	~~B5~~						
		4979	168	B5						
		4980	168	B5						
	12.1	4977	168	B4						
	"	4978	168	B5						

Class N

−65°

	R.A. h	No. Plates	No Box	Letter	Std.St.	F.M.&C	F.Cls.	No. Stars	Ref. to Meas	Ref. to Ident
	13.3	5026	166	B4						
-4-66.5		7251	3551	2						
	13.4	7253	3552	3						
	14.7	3466	17	C5						
		5092	177	B4						
		5094	177	B3						
14.8-66.5 ✓		6789 ✓	3426 ✓	2 ✓						
	16.0	5031	170	B4						
	17.3	4002	64	C3						
		5100	173	C3						
		5635	231	C3						
		~~5148~~	~~178~~	~~C2~~						
	17.4	5148	178	C2						
		5659	230	B3						
	18.7	3495	20	a4						
	20.0									
	20.2	4420	103	a3						
	21.3	4480	107	B2						
	22.7	4448	106	B2						

13.4 – 670	7320	–	3
14.3 – 670	7321	3619	21
14.8 – 64	7085	–	8

Class N.

-70°

	R.A. h	No. Plate	No. Box	Letter	St. St.	F.work	Fld.	No. Stars	Ref to Meas.	Ref to Ident.
	0.7	4584	106	B4						
	2.0	4586	126	A3						
	3.3									
	3.7	5806	3249	B4						
	4.7	4574	107	B4						
	6.0	4573	109	A4						
	7.3	4577	109	B4						
	8.7	4579	107	A4						
		4890		B						
9.9		7246	3579	[illegible]						
	10.0	4900	154	B3						
	11.3	5122	180	A4						
-69°	12.5	5133	179	B3						
Dec.	12.7	4873	152	B3						

Class N.

−70°

	R.A. h.	No. Plates	No. Box	Letter	St.St.	F.Int.C	F.Ch.	No. Stars	Ref. to Meas.	Ref. to Ident.
	14.0	3467	19	C3						
C		5027		B						
	15.3	5029	170	B4				✓		
	15.7	5032	170	C4						
	16.7	5036	170	B3						
	18.0	5038	171	B3						
	19.3	4311	97	C2						
		5102	173	B4						
	20.7	4453	106	B2						
	22.0	4559	116	B3						
	23.3	4449	106	C2						
		4560	116	B3						
	~~22.7~~									

Class N.
−75°

	R.A. h.	No. Plate	No. Box	Letter	St.St.	F.M+C	F.Ch.	No. Stars	Ref. to Meas.	Ref. to Ident.
	0.0	4583	107	B3						
	2.0	4585	126	C2						
b		5799	3242	B2						
		5805	3249	B3						
	4.0	5638	231	C4						
	4.1	5807	3242	B3						
	6.0	4572	109	A4						
	8.0	4578	107	A4						
	9.9	4901	3154	C2						
	10.0	~~4901~~	~~3154~~	~~C2~~						
		5116	180	B3						
	12.0	5129	179	B4						
b	14.0	3468	19	C4						
		5028	166	B3						
−76.0		7254	3579	2						
−76.5		7331	—	2						
	~~14.7~~	~~5093~~	~~177~~	~~B3~~						
	16.0	5070	174	C3						
		5093	177	B3						
		5834	3250	B3						
	18.0	5007	171	B3						
		5674	3227	B3						
		6420		1						
18.2 −76		6419		2						
missing		6474								

76.0° 17.8 2691 2

Dec -76° 18.0 6484 3

Class No.
—75—

R.A. h.	No. Plate	No. Box	Letter	St. St.	F.M.&C.	F.Clv.	No. Stars	Ref. to Meas.	Ref. to Ident
20.0	4312	97	B2						
23.0	4454	105	B3						

Class N
— 80°

	R.A.	No. Plate	No. Box	Letter	St.St	F.M.&C.	F.Cl.	No. Stars	Ref. to Meas.	Ref. to Ident.
	h	4406	104	C 3						
	1.0	5792	3241	B2						
	3.0	5800	3242	B5						
		5801	3242	B3						
	5.0	4575	109	B4						
	7.0	4576	109	B4						
7.2 – 81.0		7356	3610	2						
	9.0	4080	109	C2						
		5110	171	B3						
Dec – 79°	10.9	5862 ✓		4 ✓						
	11.0	4902	154	C2						
		4989	169	C3						
11.1 – 79°		5868 ✓		4 ✓						
11.2 – 81.0	S. →	7373	3613	3						
12.7 – 81.0		7271	3551	2						
	13.0	4905	154	C2						
		5023	162	B4						
– 81.5		7319		2						
13.2 – 81.0		7374	3613	3						
	15.0	5035	170	B3						
– 82.0		7325	3619	2						
– 84.0	15.2	7386	–	3						
C.	17.0	5033	170	B3						
		7478		2						
		5672	3227	B3						
		6421 ✓		2 ✓						
17.1 – 81.5		6483		3 ✓						
16.8 – 81.0		7482	3691	3						
	19.0	5389	199	B4						

107 - 80.5 7267 3650.3

170 7.47 — 2

Class N.
−80°

R.A. h.	No. Plates	No. Box	Letter	St.St	F.M&C	Fleh.	No. Stars	Ref. to Meas.	Ref. to Ident.
21.0									
21.1	5390	199	B4						
23.0	4403	104	C3						
	5383	199	C4						
	5791	3241	B4						
	7306	3609	[illegible]						

Class N.
−85°

	R.A. h.	No. Plates	No. Box	Letter	St.St	F.H.C	Flch.	No. Stars	Ref to Meas.	Ref to Admit.
~~23~~.9	0.0									
Dec −86.3		6337 ✓		3 ✓						
	3.8	5639	231	C2						
	4.0	7341	3583	1						
		7398	3616	2						
−85.5	4.7	7331	3611	1						
	8.0	4896	159	C1						
−86.4		7266	3580	2						
		7324	3611	1						
8.5 − 86.0		7329	3611	2						
10.0 − 86.5		7297	3582	3						
	13.0	5130	179	C3						
Dec −84°		5863 ✓		3 ✓						
12.3 − 84°		5866 ✓		3 ✓						
		7270	3581	1						
	16.0	5034	170	C2						
		5144	178	C3						
−87.0		7326	3619	2						
16.2 − 86.2		6335 ✓		4						
		7336	3611	1						
	20.0									
20.0 − 86.5		6333 ✓		2 ✓						
20.0 − 86.2		6334 ✓		3 ✓						
20.2 − 86.		6336		4						

11.5 – 56/ 7302 3688 3

12.3 7300 3688 2

18.0 – 81.0 7339 3611 1

Class N.
—90°

	R.A. Dec.	No. Plate	No. Box	Letter	St. St	H.D. Vol. C	H. Ch.	No. Stars	Ref. to Meas.	Ref. to Ident.
-88.6	2.0	7291	3484	2						
	88	7244	2574	2						
	12.0									
Dec-88°.7	13.5	5867✓		3✓						
	23.2	7306	2609	2						

Class H.

— 20°

	R.A. h.	No Plate	No. Box	Letter	St.Lt	F.N+C	F.Elv.	No. Stars	Ref to Meas.	Ref to Ident.
	0.0									
	0.7	5735	3234	C3						
		5767	3238	B3						
	1.3	5742	3240	B3						
		7036	3403	2.0						
		7086	3491	3						
	4.7 ~	7037	3454	3.0						
	2.0	5728	3235	B5						
	2.7	574$\overset{4}{3}$	3228	B3						
		7039	3454	2.0						
a.A 2.6		7091		2						
	3.3	7076	3490	2						
3.4 – 19.5		8675	3856	3.4						
	4.0	5730	3234	B4						
	4.7	4310	97	B3						
	5.3	5766	3238	B3						
	6.0	7102	3493	2						
6.6		7106	–	2						
	6.7	7180	3541	2.0						
	7.3									
19.5	7.4	7439	–	3						
	8.0	4909	159	B3						
		7500	3642	3						
– 19.5	8.7	7405	3616	3						
	9.3									

0·3 – 210 2790 — 3

1·3 8879 3838 3c

Class H.
−20°

	R.A. h.	No. Plate	No. B of	Letter	St.	St.	FtBrl.	Ftch.	No. Stars	Ref. to Meas.	Ref. to Ident.
	10.0										
10.2 − 19.5		6169 ✓		3 ✓							
	10.7	4824	146	C3							
	11.3	3361	7	B4							
	11.4	3339	—	C3							
	12.0	5109	173	B4							
	12.3	7493	3643	3							
	12.7	3318,	—	C4							
	"	3341	—	C5							
~~12.3~~		5371	202	B4							
	13.3	4827	146	B3							
	13.9	3712	37	B4							
	~~14.0~~	~~3712~~	~~37~~	~~B4~~							
	14.6	3798	42	C3							
	14.7	3586	29	C4							
	14.8	3862	54	B3							
		~~3798~~	~~42~~	~~C3~~							
	14.6	3849	52	B3							
	15.3	3404,	12	B4							
	15.9	3727	37	B3							
	~~16.0~~	~~3727~~	~~37~~	~~B3~~							
	16.6	3841	52	B3							
	16.7	~~3841~~	~~52~~	~~B3~~							
	17.3	3588	27	B4							
	18.0	3739	44	C3							
		4027	69	B4							
	18.7	3852	52	B3							
	19.3	4028	69	B4							
	19.6	3888	56	C3							

137 7475 36.13 1 u

180 – 192 1788 — 3 u

Class H.
−20°

R.A.	No. Plate	No. Box	Setter	St. St.	F.M.+C.	F.elv.	No. Stars	Ref. to Meas.	Ref. to Ident.
h									
19.9	4060		B						
20.0	~~4060~~		~~B~~						
20.7	4082	70	B4						
21.2	4061	71	B3						
21.3	~~4061~~	~~71~~	~~B3~~						
21.9	4132	73	a3						
22.0	~~4132~~	~~73~~	~~a3~~						
22.6	3926	55	B3						
22.7	~~3926~~	~~55~~	~~B3~~						
22.9	4138	77	C2						
23.3	5696	3232	C2						
	5733	3234	B4						
23.8	5687	3231	B4						

230-240   8765 — 3

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Class H.
−25°

	R.A. h	No. Plate	No. Box	Setter	St. St	F.M+C	F.Cle.	No. Stars	Ref to Meas.	Ref to Ident.
	0.3	5697	3232	C2						
		5755	3238	B4						
		5763	3238	B4						
	1.0	5688	3231	3						
	1.6	4506	111	C3						
	1.7									
	2.3	4332	99.	B3						
2.8										
	3.0	5759	3238	B3						
		7041	3453	3						
		7057	3498	2						
		8673	3855	3v						
24.8°	3.7	7067	3489	2						
		8873	3840	3						
R.A 4.0h		7171	3544	2v						
	4.3	4036	99	B3						
	5.0	5765	3238	B3						
−24.5	5.7	7474	3544	2v						
		8854	3839	3v						
	6.3	4513	113	C3						
	7.0	4515	111	B4						
	7.7	8855	3839	3v						
	8.3									
−24.6	9.0	7461	—	3						
		7682	—	3v						
	9.7	7508	3640	3v						
100		7451	—	3v						

0·3 7035 3454 3a

Class H.
−25°

	R.A. h.	No. Plate	No. Box	Letter	Stdt.	F.M+C	F.Cl.	No. Stars	Ref. to Meas.	Ref. to Ident
	10.3	7462	–	3						
10.6		6151 ✓		3 ✓						
10.4		9224	380	3						
	11.0	5209		C						
		5239		B						
	11.3	3401	12	B4						
	11.7	5234	187	B3						
	12.0	3386	11	B3						
	12.3	5156	183	B3						
		6290 ✓		3 ✓						
	~~12.7~~	~~4992~~	~~169~~	~~C3~~						
	12.7	3362	8	C4						
	13.0	5363 ~~5363~~	201 ~~201~~	B4 ~~B4~~						
	13.7	5413	206	C2						
	"	4992	169	C3						
	14.0	3402	12	A5						
	14.3	5372	202	B4						
	14.7	3831	51	B3						
	15.0	5236	187	B3						
	15.0	3603	26	C3						
	15.2	3874	53	A4						
	15.3	3737	43	C2						
	15.3	3436	14	C3						
	15.7	5253	190	A4 ✓						
		6414 ✓		3						
	16.0	3832	51	B3						
	16.3	~~3603~~	~~26~~	~~C3~~						
		5374	196	B3						
	16.6	3875	53	A4						
	17.0	5392	200	B3						
17.7 5406 200 B3 ^	17.9	3886	56	C4						
	18.0	4124	76	B3						
	17.3	3705	40	B3						
	18.3	5245	190	B4						
	18.7	3887	56	B4						
		~~3887~~	~~56~~	~~B4~~						
	18.9	5266	191	C4						
	19.0	5256	191	B3						
	~~18.7~~	~~3887~~	~~56~~	~~B4~~						
	18.6	3847	53	C3						
	19.2	3878	56	C3						
	19.3	4649	66	B3						
	19.7	5312	195	B3						
	20.0	4071	69	B3						
	20.3	5267	194	B3						
	20.6	3945	62	C3						

12.4		7453 —	3
	15.0	6260 ✓	3 ✓
Dec-24.6		6530 ✓	3i ✓

Class H -25°

	R.A.	No. Plate	No. Box	Letter	St.St.	F.M.t.C.	F.Ch.	No. Stars	Ref. to Meas.	Ref. to Ident.
	h. 20.7	4245	86	C2						
	21.0	5314	195	A4						
		5/25		3						
	21.3	4051	71	B3						
		5647	229	C3						
21.7 5647 229 C3	21.7	5415		C						
		5424	207	C2						
5651 229 B3	21.9	4099	73	B4						
	~~22.7~~	~~3892~~	~~58~~	~~B4~~						
	22.3	5678	3223	B5						
	22.6	3892	58	B4						
	23.0	5679	3223	B5						
	22.2	4505	111	C3						
	23.3	4298	93	C3						
	23.3	4125	77	C3						
	23.7	5724	3235	5						

Class H
−30°

	R.A. h.	No. Plate	No. Box	Letter	St.St	F.M.+C	F.Cl.	No. Stars	Ref. to Meas	Ref. to Ident.
	0.0	5726	3234	5						
	0.1 0.6	4672 4236	132	C3 B						
	0.7									
	1.3	4146	73	a4						
	2.0	4649	132	C3						
		5727	3234	4						
		7133		3						
	2.7	5738	3238	B3						
−29.3	3.3	7077	3489	3						
		8683	—	3u						
		8874	3840	3						
	4.0	4314	97	C2						
		5786	3241	B3						
	4.6	4271	88	B3						
	4.7									
	5.3	7101	3493	3						
−29.5		8668	—	3u						
	6.0	7103	3493	3						
−29.0°		7130		3u						
−29.6	6.7	7184	3541	2u						
		8669	—	3						
	7.3									
7.4 −29.5		7460	—	3						
	8.0	7490	3690	3						
−29.5	8.7	7440	—	3						
	9.3	7659	3660	3						

1.4-330 8761 3

Class H.
−30°

R.A. h.	Plate	Box	Letter	Start	F.M.C.	Flch.	Stars	Ref. to Meas.	Ref. to Ident.
10.0	1502	3643	3						
10.7	5188	181	B3						
11.3	5427	207	C2						
11.4	1443	—	3						
12.0	5260	194	B3						
12.7	5265	194	B3						
13.3	5136	179	B2						
13.9	3726	37	C3						
13.9	5664	201	B3						
~~14.0~~	~~3725~~	~~37~~	~~C3~~						
	~~5264~~	~~201~~	~~B3~~						
14.7	3919	50	B3						
15.3									
R.A. 15.4	6059		3 ✓						
15.9	3885	56	a4						
15.9	3850	52	C2						
16.0	~~3850~~	~~52~~	~~C2~~						
"	3885	56	a4						
16.6	4058	69	B4						
16.7	~~4058~~	~~69~~	~~B4~~						
17.3	3715	37	B4						
17.9	4059		B						
18.0	~~4059~~		~~B~~						
18.7	~~3868~~	~~54~~	~~B4~~						
18.8	3868	54	B4						
19.3	~~3869~~	~~53~~	~~C2~~						
	4070	69	B3						
19.4	3869	53	C2						

Class H.
— 30°

	R.A.	No. Plate	Box	No. Sorter	St.St	F.M+C	F.Clw.	No. Stars	Ref. to Meas.	Ref. to Ident.
Dec 30?	h. 19.9	~~4050~~	~~71~~	~~B4~~						
	20.6	3924	55	B3						
	20.7	~~3924~~	~~55~~	~~B3~~						
	21.2	3854	54	B3						
	21.3	~~3854~~	~~54~~	~~B3~~						
	21.9	4083	70	B4						
	22.0	~~4083~~	~~70~~	~~B4~~						
	22.6	3748	38	B3						
	~~22.7~~	~~3748~~	~~38~~	~~B3~~						
	23.3	4074	69	B3						

22·2 – 300 8805 36·52 2u

Class H.
−35°

	R.A.	No. Plate	No. Box	Setter	St St	FM&C.	F.Cl.	No. Stars	Ref. to Misc.	Ref to Ident
	h 0.3	4518	116	C2						
	0.7	4248	74	C2						
	0.3	5734	3232	B5						
	1.0	5698	3232	C1						
	1.3	4086	75	C2						
	1.7	4127	77	B4						
		5764	3239	B4						
−34.4°		7037	3454	3u						
		7090	3491	1						
	2.0	4249	72	B²3						
	2.3	5743	3240	B3						
	2.8	5729	3234	B5						
	2.8 3.0	7042	3454	3u						
		7075	3489	3						
	3.7	5753	3240	B3						
	4.3	4493	112	B3						
	5.0									
	5.7	7177	3544	3u						
		8856	3839	3						
	6.3	7141	3494	3u						
		7179	3541	3u						
		7448	3685	3						
[illegible] −34.6	7.0	7176	3544	1						
		7459	–	3						
	7.7									
	8.3									
−34.5	9.0	7449	3685	3u						
	9.7	9452	–	3						

18.

1-4-330 874. — 3

1-7-343 8880 8848 3

4-6-384 8792 3

Class H.
—35

-34.5

R.A. Le.	No. Plate	No. Box	Letter	St Lt	F.M.&L	F.Ch.	No. Stars	Ref to Meas.	Ref to Ident
10.3	7572	3640	3						
10.4	6125 ✓		3 ✓						
10.9	5226	186	B3						
~~11.0~~	~~5226~~	~~186~~	~~B3~~						
11.7	5369	202	C2						
	6127 ✓		3 ✓						
	5370	202	B4						
12.0	3340	—	c3						
12.3	5362	201	B4						
13.0	5400	200	C2						
	5428	208	C3						
	5478	219	C2						
13.7	~~5242~~	~~188~~	~~B3~~						
	5241	186	B4						
14.3	5480	216	C2						
	5485	227	C3						
14.7	3623	34	c3						
15.0	~~5243~~	~~190~~	~~B4~~						
	5242	188	B3						
15.3	3713	42	B4						
15.7	5373	201	B3						
16.0	3624	32	B4						
16.3	5243	190	B4						
17.0	5658	230	X4						
17.0	5487		C3						
	5649	229	a4						
17.0	4833	145	B4						
	5418	207	C2						
	5476	216	B3						
17.6	5328	201	C2						
17.3	3728	38	B3						
17.7	5407	200	B3						
	~~5384~~	~~201~~	~~C2~~						
	5397	199	C2						
17.9	3842	52	a4						
~~18.0~~	~~3842~~	~~52~~	~~A4~~						
18.3	5255	191	B3						
18.6	3896	58	a4						
19.0	5238		B						
	5482	219	B4						
	5421	3206	C2						
19.3	3843	51	a4						
19.7	5257	191	B4						
	5421	3206	C2						
19.9	3844	52	a4						
~~20.0~~	~~3844~~	~~52~~	~~a4~~						

-34.5	11.7	7503	3644	3
		7518	3640	3
-34.5	12.0	7463	3689	3
"		7513	3640	3
		7519	3640	2 u
17.3 -34.5		9482	3973	4
18.9 -37.0		8801	—	3 u

Class H. —35°

R.A. h.	Nr. Plate	No. Box	Letter	St.Lt.	F.M.C	F.Ch.	No. Stars	Ref. to Meas.	Ref. to Ident.
20.3	5258	191	B4						
~~20.7~~	~~3945~~	~~62~~	~~C3~~						
20.7	3746	44	A4						
21.6	5398	199	B3						
21.0	5268	191	C2						
	5396	196	2						
21.3	4234	86	B3						
21.3	3946	62	C2						
21.3	3871	52	C3						
21.7	5315	196	B3						
22.4	5695	3232	B5						
21.9 ~~22.0~~	3925	50	B3						
22.3	5410	200	C2						
22.6	3882	56	C2						
22.6	4062	71	B3						
22.6	3947	62	C2						
22.7	3882	56	C2						
23.0	6513 ✓		3i ✓						
23.2	3883	56	B3						
23.7	5686	3223	B4						
23.0	5594	219	B2						
	6415		2						
24.5	8215	3779	3						

Class H.
−40°

R.A. h.	No. Plate	No. Box	Sector	St. St.	F.M.C.	F.Ch.	No. Stars	Ref. to Meas.	Ref. to Ident.
0.0	4126	77	B4						
0.7	4075	70	C2						
	4145		B						
1.3	4076	70	B4						
1.4 2.0	4128	77	B4						
2.7	4147	72	B3						
3.3									
4.0	5771	3238	B3						
	6983	3459	3u						
	6984	3459	3						
~~4.5~~	~~4813~~	~~153~~	~~A3~~						
	7158	3494	3u						
4.7	8875	—	3u						
5.3	4733	140	A3						
	7143	—	3u						
	7144	3547	3u						
	8678	3858	3						
6.0	5815	3248	B4						
6.7									
7.3									
8.0	~~7630~~	~~3668~~	~~Ni~~						
8.7	7630	3668	Ni						
~~8~~									
9.3	5132	179	C3						

44 −40°
44. −40°
45 −40
−39.5

43 - 40 7189 3542 3.2
6.7

6.3 8551 3838 3.1

Class H.
–40°

	R.A. h	No. Plate	No. Box	Letter	St. Lt	F.M+C	F.Cl.	No. Stars	Ref. to Meas.	Ref. to Ident.
	10.0									
	10.7	6126 ✓	—	3 ✓						
10.7 – 39.5		7442	—	4						
~~10.8 – 380~~		~~7589~~	—	~~21~~						
	11.3	3351	6	B5						
	12.0	5189	181	B4						
	12.6	5280	193	B3						
	12.7	~~5280~~	~~193~~	~~B3~~						
10.a 13.0		6057 ✓		3 ✓						
	13.3	3622	34	B4						
–42.5	13.5	7615	—	3						
	~~13.9~~	~~4993~~	~~161~~	~~B4~~						
	14.0	~~4993~~	~~161~~	~~B4~~						
	14.7	3435	14	c3						
		6479	219	B4						
	15.2	3726	37	a4						
	~~15.3~~	~~3726~~	~~37~~	~~A4~~						
	15 16.0	3704	40	a4						
	16.7	3635	32	B3						
	~~16.8~~	~~5731~~	~~3232~~							
	17.3	3833	51	a4						
	18.0	3861	54	a4						
	18.7	3834	51	a4						
	19.2	3730	43	a4						
	~~19.3~~	~~3730~~	~~43~~	~~A4~~						
19.9 – 42.5		7443								

15.2 - 4.05 7620 - 30

17.8 - 34.5

Class H.
−40°

R.A. h	No. Plate	No. Box	Letter	St	St	F.M.v.C	F.Clv.	No. Stars	Ref. to Meas.	Ref. to Ident.
20.0	3629	34	B4							
20.6	3890	58	B3							
20.7	~~3890~~	~~58~~	~~B3~~							
~~21.3~~	~~3747~~	~~44~~	~~A4~~							
21.6	3747	44	A4							
22.0	3858	51	B3							
22.1 − 40.5	6966	3460	3							
22.6	3855	53	A4							
22.7	~~3855~~	~~53~~	~~A4~~							
23.2	3873	56	C2							
23.3	~~3873~~	~~56~~	~~C2~~							
"	~~4063~~	~~71~~	~~B4~~							
23.4	3873	56	C2							

230 – 40°   7142 . —   3.5

Class oH.
-45

	R.A. h	No. Plate	No. Box	Letter	St.Lt.	F.M.H&C	F.Cl.	No. ~~Stars~~	Ref.to Meas.	Ref.to Ident.
	0.3									
	~~0.0~~	~~4101~~	~~75~~	~~B3~~						
	0.4	5706	3236	A.4						
	0.6	4134	77	B3						
	1.0	4533	115	C3						
		5750	3240	B3						
	1.3	4056	71	B3						
		7021	3455	3						
	1.7	4519	116	C2						
	1.6	5768	3239	B3						
	1.9	4105	67	B3						
	2.3	5717- ~~5772~~	~~3235-~~	~~B5-~~						
	3.0	5752	3240	C3						
		5784	3228	B5						
	3.7	5708	3236	A.5						
	4.3	7087	3491	2						
		7093		1						
		8671	3835	3						
	5.0	4752	144	C1						
		5803	3242	B3						
-44.6°		7079	3490	3						
	5.7	4754	144	C2						
		7178	3541	3i						
-44.5		8857	3839	3i						
	6.3									
6.5 - 44.7		7183	3541	2i						
7.1 - 44.7	7.0	7185	3541	3i						
		8896	3891	3						
	7.7									
	8.3									
	9.0	4671	136	B3						
	9.7									

	1·0	7081	3492	2
−44·5	1·0	8877	3840	3
		9872	4048	3
2·0 − 44·5		8674	3860	3
	5·0	8853	3839	2

Class H.o
−45

R.A. h	No. Plate	No. Box	Section	St. St	FM+C	F.Clr.	No. Stars	Rfts Meas.	Rfts Ident.
10.3									
11.0	5361	3202	B4						
11.7	5269	194	B4						
12.3	5135	179	B3						
13.3	3560	28	c3						
13.0	5417	206	C2						
	5484	3227	C2						
13.3	3602	32	c4						
13.3	3685	28	c4						
13.6	5227	186	B3						
13.7	~~5227~~	~~186~~	~~B3~~						
	6291		3 ✓						
	7154		3						
14.3	5252	190	B4						
14.6	3829	89	c2						
15.0	5237	186	B4						
	6261		3						
15.~~4~~	3863	54	a5						
15.3	3830	39	c3						
15.7	5391	199	B4						
16.0	3941	49	C3						
16.0	3604	26	c3						
16.3	5244	189	B3						
16.7	6736	3234	B4						
16.7	5630	223	B3						
16.7	4068	69	B4						
16.7	5627	3223	4						
17.0	5403	199	~~A~~ 3						
17.~~4~~	3867	53	c3						
17.3	3851	52	a5						
17.7	5393	200	B3						
	5394	199	B3						
17.9	4076	75	B4						
18.0	3876	63	C3						
18.3	4990	169	B4						
	5420	206	B3						
18.7	4069	69	B4						
18.6	3716	37	c3						
19.0	4991	169	B3						
	5422	207	B3						
19.2	3745	44	a5						
~~19.3~~	~~3745~~	~~44~~	~~a5~~						
19.7	5246		B						
19.9	3731	43	a4						
~~20.2~~	~~3731~~	~~43~~	~~a4~~						

13.6
−42.5

15.0 − 44.6

134 464 7509 3644 2i
136 - 428 7406 — 3
134 470 7521 3640 2i

15.0 6514 ✓ — 2i ✓
6515 ✓ — 2i ✓
- 446 7358 — 2i
7464 3689 2

16.7 6770 ✓ 3425 ✓ 2 ✓
7515 3640 2i
- 44.5 4522 3640 3
7960 — 3i
16.7 - 44.5 7965 — 3i
7966 — 2i
7975 — 3i
7980 — 3i

Class H.
−45°

R.A. h	No. Plate	No. Box	Letter	St.Lt	F.M.&C	F.Cl.	Stars	Ref. to Meas.	Ref. to Ident.
20.3	5247		A						
20.7	3836	51	B4						
20.9	5239	190	B3						
21.0	~~5239~~	~~190~~	~~B3~~						
21.3	3846	52	A4						
21.7	5409	200	B3						
21.9	3881	56	B3						
22.0	~~3881~~	~~56~~	~~B3~~						
22.3	5399	3200	B2						
22.~~8~~6	4053	66	B4						
22.6	3766	45	C3						
23.0	5425	207	C2						
	5704	3236	B3						
	5739	3228	B3						
23.3	3856	54	A4						
23.7	3949	62	B3						
23.0	5754	3238	B4						
	4524	116	A4						
23.9	4101	75	B3						

Class H.

−50°

	Dist.	No. Plate	No. Box	Letter	St St	F.M.+C	F.Lab.	No. Stars	Ref. to Meas.	Ref. to Ident.
	0.0	3928	50	B3						
	0.6	4064	69	B4						
	0.7	~~4064~~	~~69~~	~~B4~~						
	1.3	3929	50	B3						
		3950	62	C2						
	2.0	4057		C2						
		4066	69	B4						
	2.7	4087	75	B3						
	3.3	4067	69	C3						
		4106	67	C2						
		5770	3239	C3						
	4.0	5709	3236	A.5						
	4.7	7100	3492	3						
		8670	—							
−49.6 49.5	5.3	7129	—	3						
		7172	—	2						
		8649	3868	1						
	6.0	5804	3242	C3						
+5.5 − 44.7		7183	3541	2.2						
	6.7									
	7.3									
	8.0									
	8.7	7636	3659	3						
8.9		7658	3660	3						
	9.3	7697	—	3						

Class H.
−50°

R.A. h	No. Plate	No. Box	Letter	St St	F Wb C	F Eh.	No. Stars	Ref to Meas.	Ref to Admit.
10.0	5208	189	B3						
	7556	3631	3a						
	7660	3660	2						
	7683	—	3						
10.7	6058 ✓		3 ✓						
	7517	3640	3						
11.3	4818	137	C3						
12.0	3379	10	C3						
	4826	146	B3						
12.7	3353	6	C5						
13.3	3434	15	a4						
14.0	3348	6	B5						
14.7	3703	39	a4						
15.3	3421	15	B4						
	4830	146	C2						
16.0	3587	27	C4						
	3742	44	B4						
16.6	3738	44	B3						
~~16.7~~	~~3738~~	~~44~~	~~B3~~						
17.2	3860	54	a5						
~~17.3~~	~~3860~~	~~54~~	~~a5~~						
17.9	4079	70	C2						
18.0	3943	62	C3						
	5311	195	B3						
18.2	5574	219	X2						
18.6	3627	34	B3						
19.3	3835	51	B3						

Class H.
— 50

	R.A. h.	No. Plate	No. Box	Letter	St. Lt.	F.M.L.C.	F.Eclo.	No. Stars	Ref. to Meas.	Ref. to Ident.
	20.0	4081	70	B4						
Dec −53°	20.0	5737	3228	B5						
	20.6	3853	—	C						
	~~20.7~~	~~3853~~	~~—~~	~~C~~						
	20.8	3870	53	C3						
	20.6	3879	56	a4						
	21.2	3732	43	a4						
	21.3	4512	111	C3						
	21.9	3847	52	B4						
	~~22.0~~	~~3847~~	~~52~~	~~B4~~						
	22.7	3735	43	B4						
	23.3	3848	52	a4						
23.9 −56.0		8766	—	3a						
		8799	—	3a						
		8800	—	1						

Class H.
—55°

	~~R.A.~~ h.	No. Plate	No. Box	Letter	St.Lt	F.Mtc	F.Clr.	No. Stars	Ref. to Meas.	Ref. to Ident.
	0.0	4055	71	B4						
	1.0	5596	218	B3						
		7105		2i						
-54.5		8878	—	3						
		9873	—	4						
	2.0	4673		B 2.						
		7022	3455	3						
		8892	3888	2						
	2.7	5690	3231	A3						
	3.0	5691	3231	A5						
	4.0	5692	3233	B4						
4.2-54.9		7108		2i						
	5.0	4668	131	C2						
-54.5		7080	3490	3						
-54.5		8833	—	3						
	6.0	7104	3493	2i						
-54.5		8876	3840	3						
	7.0	4670	136	C3						
7.1-54.7		7186	3541	3i						
	8.0									
8.5-57°		5907✓		2✓						
	9.0	5108	173	B3						
	10.0	5250	190	B3						
10.9		7492	3691	3						
	11.0	5199	182	B3						
	12.0	3358	7	C4,						
		5279	193	B4						
12.2-53.0		7570	3635	2i						
	13.0	5402	200	B3						
	14.0	3736	43	B3						

Clasoff.
—55°

R.A. h	No. Plate	No. B of	Setting	St. St	F.M.+C	Fldr.	No. Stars	Ref. to Meas.	Ref. to Ident.
15.0	3381	10	c4						
	5404	200	A3						
16.0	3714	41	a4						
16.9	4047	71	B3						
17.0	~~4047~~	~~71~~	~~B3~~						
17.9	3744	44	B4						
~~18.0~~	~~3744~~	~~44~~	~~B4~~						
18.9	3923	55	B3						
19.0	~~3923~~	~~55~~	~~B3~~						
20.0	4097	75	C3						
	4131	77	C2						
	4233	86	B3						
21.0	4072	69	B3						
21.9	3734	43	C2						
~~22.0~~	~~3734~~	~~43~~	~~C2~~						
23.0	4084	67	B4						

23.8 8804 — 3u

Class H.
−60°

	R.A. h.	No. Plate	No. Box	Letter	St. St.	F.M.&C.	F.Ch.	No. Stars	Ap. to Meas.	Ap. to Ident.
	0.5	5716	3236	A5						
	~~1.3~~	~~3359~~	~~—~~	~~c4~~						
	1.5	5680	3223	B5						
	2.5	5632	230	B3						
	3.5	5653	230	B3						
	4.5	7023	3455	3e						
		7097	3492	3e						
		7098	3492	2						
		7099		2						
	5.5	8677	3865	3						
	6.5	4497	1121	B3						
	7.5	4491	1121	C3						
	8.5	7696	—	3						
	9.5									
	10.5	3559	28	B4						
		5251	190	B3						
		3601	32	c4						
Dec.-59°	10.7	3315	—	—4						
		4748	140	C2						
	11.5	5134	179	B4						
Dec-62	12.4	4888								
	12.4	3314	—	c4						
	12.5	3321	—	c4						
		3433	14	B4						
	13.5	3359	—	c4						
		3420	15	B5						
	14.5	3916	55	C2						
		5419	207	a4						
	15.2	3884	58	C3						

1889phae.proj...863E

4.6 59.5 8676 3858 3v

10.9 9479 3979 3
10.7 – 59° 7107 " 2v
" " 7146 — 2v
" " 7264 3582 3
" " 7520 3640 2v
~~7589 3658 2v~~
" – ~~44.5~~ – 58.5 7966 59 — 3v
12.3 – 60.0 7250 —
12.6 7275 3582 2
12.4 – 59.8 7276 3630 3
10.7 – 60.2 9472 3977 3v
12.5 7271 3582 2v

12.3 9485 3978 1

Class H
—60°

R.A.	No. Plate	No. Box	Setter	St. St.	F.M.&C.	F. Ch.	No. Stars	Ref. to Meas.	Ref. to Admit.
15.4	3893	58	B3						
15.5	~~3893~~	~~58~~	~~B3~~						
16.4	4007	68	C3						
16.5	~~4007~~	~~68~~	~~C3~~						
	4009	64	B4						
16.7	3942	49	C3						
17.4	3743	44	B4						
18.4	4048	71	B4						
18.5	~~4048~~	~~71~~	~~B4~~						
19.4	3944	60	C3						
19.4	4080	70	B3						
19.5	~~3944~~	~~60~~	~~C3~~						
	~~4080~~	~~70~~	~~B3~~						
20.5	4029	69	B4						
21.4	3891	58	B3						
21.5	~~3891~~	~~58~~	~~B3~~						
22.5	~~3872~~	~~53~~	~~A4~~						
22.6	3872	53	A4						
23.4	3840	51	B3						
~~23.5~~	~~3840~~	~~51~~	~~B3~~						

Class H ~~-20°~~

Regions not covered

-2.0

0.0
0.7
1.3
2.7
3.3
4.7
5.3
6.0
6.7
7.3
8.0
8.7^{3}
9.3

23.6
23.4
23.6
23.8
23.1

23.
5

First List of Region

Class H
−65°

	R.A. h.	No. Plate	No. Box	Setter	St Lt	F.M+C	F.Clv.	No. Stars	Ref to Meas.	Ref to Ident.
	0.0	4662	132	B^b.2						
		7017	3465	3.0						
		7018	3455	3						
		7085	3491	3						
	1.3									
	1.4	5707	3236	A.5						
	2.7									
	4.0	5701	3236	C 3						
		5785	3241	C 3						
		5802	3242	C 3						
Nebula	5.3	7170	3543	2						
		8672	3855	3.5						
5.5 − 686		7063	3498	2						
	6.7									
	8.0	7501	3643	3						
	9.3	4911	154	C2						
	10.7	5071	174	B3						
	12.0	3320	—	C4						
		5412	206	B4						
		3345	—	C 4						
		3346	6	C 3						
	13.3	3347	6	C 5						
		3418	13	B 4						
		3419	15	A 5						
	14.31	3403	12	C 5						
	14.7	3741	43	B4						
	15.9	3859	54	B4						
	16.0	~~3859~~	~~54~~	~~B4~~						
	17.2	3895	58	B3						
	17.3	~~3895~~	~~58~~	~~B3~~						
	18.5	4016	68	B3						
	18.7	~~4016~~	~~68~~	~~B3~~						

0.0 7089 3491 1

46 – 630 8741 – 3
4·6 – 625 8806 3652 3

13·6 – 630 7414 – 3

Class H_0
−65

R.A.	No. Plate	No. Box	Setter	St.St.	F.M.+C.	Flehr.	No. Stars	Ref. to Meas.	Ref. to Adjust.
h 19.9	4098	75	C2						
~~20.0~~	~~4098~~	~~75~~	~~C2~~						
	4244	90	C3						
	5408 6408	200	C4						
21.2	3765	45	B4						
~~21.3~~	~~3765~~	~~45~~	~~B4~~						
22.6	4100	73	B3						
22.7	3839	51	C4						
	4073	69	B3						
	~~4100~~	~~73~~	~~B3~~						

Class H.
−70°

	R.A.	No. Plate	No. Box	Letter	St.St.	F.M.&C.	Fleh.	No. Star	Ref. to Meas.	Ref. to Ident.
Dec − 73	0.3	5741	3228	B4						
	0.7	4085	66	C2						
Dec − 73°	0.8	5713	3235	B3						
	0.8	5725 4331	99	B3						
	2.0	5689	3232	C3						
		5699	3236	C3						
		5700								
		5757	3238	a4						
	3.3	5718	3235	B3						
		7678	3490 −	3						
Dec − 69		5720		H.						
	4.7	4502	111	B3						
Dec − 69	5.3	5710 4750	139	C2						
Dec − 69°	5.5	4503	111	− 4						
4e	5.7	4514	113	− 2						
Dec − 69	6.0	5745	3240	B3						
−69.4		7131	—	3						
		7139	—	3u						
5.5 − 68.5		7643	3454	2						
	7.3									
	8.7									
	8.9	4906	159	X2						
	9.5	4891	164	3						
	9.8	4967	169	X3						
9.9 − 72.4	10.0	5925		3u						
−69.6 [illegible]		7251								
		7638	3659	2u						
	11.3	5198	182	C3						
	12.7	5235	187	B3						
	14.0	3740	43	B3						
	15.3	3382	10	B4						
	15.6	5598	217	X3						
	16.6	4026	69	B4						
	16.7	~~4026~~	~~69~~	~~B4~~						
	17.9	3921	55	B3						
	18.0	~~3921~~	~~55~~	~~B3~~						
	19.3	3922	55	B3						
19.9 − 72.4		5925		3u						

0.3 - 72.5	9625	4008	3
0.9 - 72.6	7061	3498	2 ✓
" "	7062	3495	2
" 72.8	7064	3489	3
3.2 - 69.7	7066	3489	3
5.5 - 65.7	7065	3498	2
" - 72.5	7088	3491	2
" - 69.6	7092		2 ✓
" - 69.5	7096	3492	2 ✓
" - 70.0	7133	—	2 ✓
" " "	7134	—	2 ✓
" " "	7135	3495	2 ✓
" " "	7136	3494	2 ✓
- 68.5	8810	—	4 ✓
5.6 - 68.5	8812	3840	4 ✓
5.7 - 69.0	8794		

Class H.
−70°

	R.A. h	Nr. Plate	No. Box	Letter	St St	F.M.&C.	F.Ch.	No. Star	Ref. to Meas.	Ref. to Ident.
	20.7	3412	11	A5						
	22.0	4246	90	C2						
		5473	216	X B						
	23.0	5396 6446	217	B3 2						
	23.3	4247	90	C2						
		5595	217	B4						
		5705	3236	4						
23.4 –		6467		3i						
23.4 – 69.5		7824	3455	2i						
		8219	3779	3						

21.2 – 704	8789	–	3
22.5 – 678	8726	3865	3
– 680	8802	–	3

Class A
−75°

	R.A. h.	No. Plate	No. Box	Letter	St.St	F.M.&C.	F.Ch.	No. Star	Ref. to Meas.	Ref. to Ident.
Dec. −73°	0.0	5740	3228	B4						
0.8 −73°	0.8	5715	3235	3						
		6767		2						
Dec. 73°	0.8	5593	217	3						
	2.0	5756	3238	B4						
	4.0	5719	3235	B4						
		5760	3238	A5.						
	6.0	7049	3453	2						
	8.0	7181	3541	1						
	8.9	4887	156							
		4906	159	X2						
	10.0									
9.0 − 77.3		5926		3						
10.1 − 74.5		9323	3307	3						
	12.0	~~3346~~	~~6~~	~~3~~						
		3401	3200	B4						
		6412		3						
		6466		3i						
	14.0	5403	200	B3						
		6471		3						
	16.0	3894	58	B3						
	16.4	5470	3204	X2						
	18.0	3729	38	C3						
		4015	64	B3						
	20.0	4338	97	−1						
		5313	195	A4						
	22.0	4302	88	B3						

08 – 73.0	7137	3494	3v
08 – 73.0	8802	–	3v

12.0	9152	– 4

Class A.
−80°

R.A. h.	No. Plate	No. Box	Letter	St. Set.	F.M.+C	F.Elv.	No. Stars	Ref to Meas.	Ref to Ident.
1.0	5751	3240	B3						
2.9	5769	3239	C3						
3.0									
4.8	5772	3239	C3						
5.0	4316	96	C2						
	5787	3241	B3						
7.0	7195	3540	2						
9.0	7637	—	3						
9.7	4939	164	X3						
11.0	5240	190	B3						
	6465		3						
	~~5241~~	~~2186~~	~~B4~~						
	7511	3640	3						
13.0	3387	10	a5						
15.0	3322	—	C4						
	3858	54	B4						
	4803	3141	C3						
17.0	3383	10	C4						
	4095	75	C3						
	5254	191	B4						
19.0	3592	26	B3						
21.0	4297	93	$B^{2}2$						
22.0	4498	112	−2						
23.0	4235		B						

−79.5	11.0	7524	3640	3.
		7547	—	2.
		7964	—	3.

Class H
-85°

02 -845
-848
-860

R.A. h.	No. Plate	No. Box	Letter	St. Lt.	F.H.C.	Elev.	No. Stars	Ref. to Meas.	Ref. to Ident.
0.0	5597	218	B2						
	7014	3455	3						
	7020	3455	4						
	7060	3475	3						
	7074	3489	2						
4.0	~~7398~~	~~3616~~	2						
8.0	6128 ✓		3 ✓						
12.0	4823	146	X3						
	5474	216	C2						
16.0	3920	50	B3						
20.0	5395	199	C2						
	5414	206	C2						
	5423	207	C2						
	5599	218	B2						
	5650	231	B3						
23.0	7058	3198	2						
23.8	7057	3198	3						

Class. H.
−90°

	R.A. h	No. Plate	No. Box	Letter	St.St.	F.M.H.C.	F.Clr.	No. Star	Ref to Meas.	Ref to Ident.
−89.5	9.6	7399	3616	2						
	10.6	7491	3690	3						
	10.7	7400	—	2						

Class I.

−20°

R.A. h	No. Plate	No. Box	Letter	St. St.	F.M+C.	F.Cl.	No. Stars	Ref. to Meas.	Ref. to Ident.
0.0	~~4150~~	~~72~~	~~B2~~						
	4174	82	B3 ✓						
0.3	6956	3460	3i						
0.7	4275	92	B3						
1.3	4535	115	C3						
1.5	4645	132	B3						
2.0	4277	92	B4						
2.7	4274	92	B4						
3.3	4451	106	B3						
~~3.7~~	~~4451~~	~~106~~	~~B3~~						
3.9	4156	72	B4						
4.0	~~4156~~	~~72~~	~~B4~~						
4.7	4157	80	B4						
~~5.3~~	~~4119~~	~~103~~	~~C3~~						
	4600	127	A3						
6.0	4339	99	A3						
6.7	4337	96	B3						
7.3	4340	98	A3						
8.0	4609	128	C3 4						
	4994								
	4974	162	B4						
	4975	168	B4						
8.7	4820	137	B4						
−19.5	7369	3617	3						
−19.8	7524		2						
−19.5	7525	–	2						
9.3	4811	139	B4						

86 7266 3582 4

Class I.
-20°

	R.A. h	No. Plate	No. Box	Letter	St. Lt.	F.M.C.	F. Cl.	No. Stars	Ref. to Meas.	Ref. to Ident.
	10.0	3333	—	c3						
		5072	174	B3						
	10.6	5317	195	B3						
	10.7	3319	—	c3						
		~~5317~~	~~195~~	~~B3~~						
	11.3	3324	—	c3						
		3350	6	a2						
	11.8	3335	—	c3						
	12.0	3326	—	c4						
		3473	18	a3						
	12.3	5324	197	C2						
	12.7	3327	—	c4						
	13.3	3376 4827	10	c3						
		3515	21	B3						
	14.0	5309	195	B3						
~~14.2~~		~~6063~~		~~4~~						
	14.2	3337	—	c2						
	14.7	3380	10	a3						
	15.3	3795	46	B3						
	15.4	5915 ✓		4 ✓						
-19.0	15.3	7544	—	2						
-19.0	15.3	7545	3636	2						
	16.0	3525	24	B4						
	16.4	5933 ✓		2 ✓						
	16.6	3800	41	B4						
	16.7	~~3800~~	~~41~~	~~B4~~						
17.2 - 21.0		5955 ✓		3 ✓						
	17.3	3990	59	C2						
		4108	83	a3						
	17.9	3753	38	C3						
	18.0	~~3753~~	~~38~~	~~C3~~						
	"	4159	83	B3						
		3994	63	C2						
17.8		5969 ✓		3 ✓						
	18.7	4161	83	a3						
~~18.5 18~~		~~6115~~		~~4~~						
	19.2	4165	82	B3						
	19.3	~~4165~~	~~82~~	~~B3~~						
	19.8	5946 ✓		4 ✓						
	19.9	3612	32	a3						

-22.0	15.1 -	8682	2937	3
"	"	9021	2976	4
19.0	15.3	7576	3656	2
" "	"	7552	3637	32
" "	"	7553	3637	32
-20.0	15.4	7554	3637	34
-21.0	15.5	7557	3627	4
-21.0	15.5	7588	3637	3

Class – 20 . I

	R.A. h.	No. Plate	No. Bx	Letter	St.St.	F.M.+C	F.Ch.	No. Stars	Ref. to Meas.	Ref. to Ident.
	20.0	~~3612~~	~~32~~	~~a3~~						
	20.7	4013	64	B3						
~~Dec – 18~~										
20.8 – 18		6020		4						
See Book 56	21.2	3506	21	a5						
	21.3	~~3506~~	~~21~~	~~a5~~						
	22.0	4294	92	B3						
22.1 – 18		6343		2						
	22.7	4296	93	B3						
~~18~~		~~[illegible]~~		~~2~~						
	23.9	4150	72	B2						
	23.3	4371	101	B3						
23.8 – 18		6606		3						

Class I$_{40}$
−25

	R.A. h.	No. Plate	No. Box	Letter	St St	F.M.&C	F.Cl.	No. Stars	Ref to Meas.	Ref to Ident.
	0.0	4155	80	B3						
	0.3	4508	113	B3						
−246		7034	−	2?						
0.4 −247		7536 7611	− −	3? 2?						
	1.0	4526	115	C2						
	1.1	4534 4644	132	C B3						
	1.6	4540	114	C2						
	1.7	4647	132	B3						
	1.8	4646	119	C3						
	2.3	4501	·B113	C4						
		4648	119	B2						
		4543	111	C2						
	2.7	4276	92	B3						
	3.0	4439	108	C3						
		4593	126	B2						
	3.7	4489	113	C3						
		4595	126	B3						
	4.3	4492	112	C2						
		4637		B						
	4.6	4269	88	B3						
	5.0	4557	117	B3						
	5.6	4494	112	B3						
	5.7	4450	106	C3						
	6.3	4516	116	C2						
		4626	130	A4						
	7.0	4629	119	A4						
	7.7	4608		C						
		4699	133	A4						
	8.3	4907	159	B4						
8.7		7472	3689	1						
	9.0	4910	154	C2						
		5055	172	B3						
	9.7	4912	154	C2						
		5073	174	B3						
	10.0	5322	198	C2						

0 3 7612 – 21
7628 – 3
7656 3660 3

Class I_1
−25°

	Ph. Lv.	Nr. Plate	No. Box	Letter	St	St	F.M.&C.	F.Clu.	No. Star	Refto Meas.	Refto Ident.
	10.3	4814	137	B4							
	11.0	5346	196	B4							
	11.6	5301	3182	C2							
	11.5	5354	198	B3							
	11.7	~~5301~~	~~3182~~	~~C2~~							
		~~5354~~	~~198~~	~~B3~~							
	12.2	5333	242	B4							
	11.9	3474	18	A4							
	12.3	5302	182	B2							
		5349	201	C2							
		~~5355~~	~~212~~	~~B4~~							
	13.0	5137	180	B3							
	13.3	3514	21	C3							
	13.7	5308	195	B3							
Taken at Cambridge 13.8 – 27.1		8451	2869	3							
	14.0	3544	24	B3							
	14.3	5326	198	A4							
	14.7	3546	22	B4							
	14.9	5328	192	B3							
	15.0	~~5328~~	~~192~~	~~B3~~							
	15.3	3794	46	B3							
15.4 – 25.7	15.6	5330	192	B4							
	15.7	~~5330~~	~~192~~	~~B4~~							
		5914 ✓		4 ✓							
	16.2	5333	198	B3							
	16.0	3526	24	B4							
	16.3	~~5333~~	~~198~~	~~B3~~							
	16.4	5932 ✓		3 ✓							
	16.6	3801	42	B2							
	17.0	5336	198	B4							
	17.2	5954 ✓		3 ✓							
	17.3	4135	77	B4							
	17.3	3991	59	C2							
	17.7	5338	196	A3							
	17.7	5006	167	C2							
	18.0	4160	83	B4							
	17.9	3993	63	C2							
	17.9	3754	38	C3							
	18.3	4395	98	B4							
	18.7	4162	83	A3							
	18.7	3422	15	C4							
	19.0	4349	98	B3							
18.8		5997 ✓									
18.8 – 25.8		5995		3 ✓							
	19.3	4164	82	B3							
	19.7	4350	95	B3							
		5945 ✓		4 ✓							
	19.9	3613	32	B3							
	~~20.0~~	~~3613~~	~~32~~	~~B3~~							

13.8 - 27.5	8551	2880	3
13.8 - 27.5	8597	2879	3
13.8 - 27.2	8679	2937	3

19.8 - 26.5	7337	2646	3
19.8 - 27.0	8736	2932	3
19.8 - 27.0	9163	2956	3
19.8 - 27.0	9417	2964	3

Class I
−25°

	R.A. h.	No. Plate	No. Box	Letter	St Lt	F.M.&C.	F.Cl.	No. Stars	Ref to Meas.	Ref to Ident.
	20.3	4353	95	a3						
	20.7 20.6	3764	45	B4 4						
	21.0	4360	98	a3						
~~[illegible] 23°~~		~~[illegible]~~		~~3~~						
	21.3	3505	20	a4						
	21.7	4321	96	B3						
	22.0	4273	92	a4 3						
22.2 − 23	22.3	6327 4317.	97	B3						
		4322	96	B3						
	23.0	4324	96	a4						
	23.5	4372	101	C3						
	23.7	4398	94	B4						
23.9		4155	80	3						

Class I4
−30°

−295

R.A. h	No. Plate	No. Box	Letter	St.St	F.M.&C.	F.Ch.	No. Stars	Ref. to Meas.	Ref. to Ident.
0.0	~~4154~~	~~73~~	~~B3~~						
0.7	7537 7618 7629	3639 – –	3a 2 3						
1.3	4178 4536	80 111	C2 B3						
	4500	113	C3						
1.7	4507	111	B3						
2.0	4266	88	B3						
2.6	4544	115	C4						
2.7	4539	114	B3						
3.3	4356	95	B4						
4.0	4335	88	B4						
4.6	4270	88	B3						
4.7									
5.3	4419	103	C3						
5.3	4457	105	C2						
	4623	130	B3						
5.9	4545	117	B4						
6.0									
6.6	4548	117	B2						
6.7									
7.3	4341	98	a4						
8.0	4703	134	B3						
8.7	5010	167	B3						
9.3	5289	192	B3						

27 7h57 3660 3

Class. I4
−30°

	R.A. h.	No. Plate	No. Box	Letter	St Lt	F.Mt.C.	F.Cl.	No. Stars	Ref to Meas.	Ref to Ident.
	10.0	5293	192	A 3						
	10.6	5299	182	B3						
	10.7	~~5299~~	~~182~~	~~B3~~						
	11.3	3384	10	a3						
	12.0	3377	10	a3						
	12.5	3331	—	c3						
	12.7	5304	195	B3						
	13.3	3542	25	c2						
		5305	192	B3						
	13.8	5981 ✓		3i ✓						
	14.0	3545	24	c4						
		3791	46	a4						
	14.7	3898	11	c3						
		3519	24	a4						
	14.8	5984 ✓		3 ✓						
	15.3	3793	46	B2						
Dec. −31°.0	15.5	5913 ✓		4 ✓						
	16.0	3527	24	B3						
	16.6	3802	42	B4						
16.4 − 31.0 ✓	16.7	~~3802~~	~~42~~	~~B4~~						
		5931 ✓		3 ✓						
		5989 ✓		3 ✓						
	17.3	3808	48	B4						
	17.5	5953 ✓		4 ✓						
	18.0	~~3533~~	~~23~~	~~c2~~						
		3533	23	C2						
		3992	63	C2						
		4136	77	B3						
	18.7	3756	44	B4						
18.8 − 31.0		5994 ✓		3i ✓						
	19.3	4137	77	C2						
		4163	83	B4						
	19.7	5944 ✓		4 ✓						
	19.9	3503	21	C2						

Class, I
−30°

R.A. h.	No. Plate	No. Box	Letter	St.St.	F.M.&C.	Field.	No. Stars	Ref. to Meas.	Ref. to Ident.
~~20.0~~	~~3513~~	~~21~~	~~C2~~						
19.9	3759	46	A4						
20.5	3504	20	B3						
20.7	~~3504~~	~~20~~	~~B3~~						
21.2	4198	86	B3						
21.3	4144	73	B3						
	~~4198~~	~~86~~	~~B3~~						
22.0	4295	88	B3						
22.7	4366	101	B3						
~~23.9~~	~~4155~~	~~80~~	~~B3~~						
23.3	4370	100	B3						

Class o I1
— 35

R.A.	No. Plate	No. Box	Letter	St. St.	F.M.&C.	Flch.	No. Stars	Ref. to Meas.	Ref. to Ident.
h. ~~0.0~~	~~4153~~	~~80~~	~~B3~~						
0.3	4379	100	C3						
	4456	105	C2						
	4525	115	B4						
1.0	4380	100	B3						
	4382	101	B3						
1.3	4179	80	B3						
1.7	4538	114	C2						
	4541	8115	B3						
2.3	4386	94	B4						
3.0	4389	95	B4						
3.2	4267	88	B3						
3.7	4391	94	C3						
	4596	126	B2						
4.3									
4.4	4343 4356	98	A3						
5.0	4394	94	B3						
5.7	4603	-	B3						
6.3	4517	111	C2						
	4627	119	A5						
7.0	4630	119	B3						
7.7	4641	8130	B4						
8.3	5009	161	B3						
9.0	5014	167	B3						
	5054	172	B3						
9.7	5291	192	B3						
10.0	5323	197	C2						

Class I
− 35°

	R.A. h.	No. Plate	No. Box	Letter	St. St.	F.M.&C.	F.Ch.	No. Star	Ref. to Meas.	Ref. to Ident.
	10.3	4815	137	B4						
	10.8	5353	198	B4						
	11.0	5347	201	C2						
		5351	201	4						
		~~5353~~	~~198~~	~~B4~~						
	11.7	5062	3174	B3						
	11.9	3475	19	a5						
	12.3	5210		C						
	13.0	5138	179	B3						
	13.7	5307	195	B3						
	14.0	3790	46	a3						
	14.3	5327	198	B3						
		5983		3						
14.8 − 35.5	14.9	5329	192	A3						
	14.7	3520	25	B4						
	15.0	~~5329~~	~~192~~	~~A3~~						
	15.3	3792	46	a3						
15.5 − 35°.5	15.7	5331	191	B4						
		5912 ✓		3 ✓						
	16.0	3528	24	B3						
	16.3	5334	198	A3						
	16.5	5930		3						
	16.6	3803	48	B3						
16.8 − 35.5	16.7	3400	12	c2						
		5988 ✓		3 ✓						
	17.0	5153	178	C2						
	17.7	5835	3250	B3						
		5154	178	C2						
	16.9	3807	48	a4						
	17.7	5833	3244	c4						
	17.7	5151	171	B3						
	18.0	3532	23	C2						
	18.0	3960	61	B3						
	~~18.0~~	~~3533~~	~~23~~	~~c2~~						
	18.3	4396	98	B3						
	18.7	4141	73	B2						
	18.7	3996	63	c2						
	19.0	4348	95	a4						
18.8 − 35.4		5993 ✓		3 ✓						
	19.3	3964	61	B2						
	19.7	4351	98	B3						
	19.8	5943 ✓		3 ✓						
	19.9	3614	32	a4						
	20.0	~~3614~~	~~32~~	~~a4~~						

R.A. Plate No. Box No. Letter

10·3

11·0

~~11·0~~

11·7

~~11·7~~

12·3

~~12·3~~

13·0

~~13·0~~

13·7

~~13·7~~

14·3

~~14·3~~

~~R.A. 15.5~~ 15·7 ~~5922 3~~

17.0

17.2-35.6 5952 ✓ 4 ✓

17.8 5967 ✓ 3 ✓

16·3

17·0

17·7

18·3

19·0

19.7

Class I b
— 35

	R.A. h.	No. Plate	No. Box	Letter	St. Let.	F.M.+C.	F.Ch.	No. Stars	Ref. to Meas.	Ref. to Ident.
	20.3	4354	95	A3						
	20.6	3762 ~~6017~~	45	A ~~4~~ 3						
20.8	21.0	4361	100	B3						
	21.3	4197	86	B4						
	21.3	4143	73	B3						
	21.7	4320	96	B3						
	22.3	4323	96	B3						
	23.0	4368	101	B3						
	23.9	4153	80	B3						
	~~23.7~~	~~4327~~	~~96~~	~~B3~~						

Class, I
−40°

R.A. h.	No. Plate	No. Box	Letter	St. Set.	F.M.&C.	F. Ch.	No. Stars	Ref. to Meas.	Ref. to Ident.
0.0	4152	72	B3						
0.7	4330	99	A3						
1.3	4499	113	C3						
	4437	114	B3						
1.4 1.9	4438 4542	115	CB4						
2.0	4180	80	C3						
2.7	4387	94	B3						
3.3	4183	80	C3						
	4594 4636	126 119	C2 B3						
4.0	4357	95	A3						
4.5	4855	153	A3						
4.7	4315	96	B3						
5.3	4291	81	A5						
	4292	92	A4						
5.9	4546	117	3						
6.0									
6.7	4639	119	B4						
7.3	4342	99	A3						
8.0	4504	113	B3						
8.7	5011	167	B3						
9.3	5290	192	B3						

Class −40° T.i

	R.A. h.	No. Plate	No. Box	Letter	St. Set.	FM+C	F. Ch.	No. Stars.	Ref. to Meas.	Ref. to Ident.
	10.0	5233	187	B3						
	10.6	5298	187	A3						
	10.7	~~5298~~	~~187~~	~~A3~~						
10.8 − 380		7589	3658	2						
	11.3	5300	187	B3						
	12.0	3385.	10	B2						
12.3 − 40.6		5906		5						
	12.6	3476	19	a5						
	12.7	~~3476~~	~~19~~	~~a5~~						
	13.2	3478	19	a5						
	13.3	~~3478~~	~~19~~	~~a5~~						
	13.9	3771	45	A4						
	14.0	~~3771~~	~~45~~	~~A4~~						
	14.7	3521	25	B4						
14.8 − 41.0		5982 ✓		3 ✓						
	15.2	3775	47 ?	a3						
	15.3	~~3775~~	~~47~~	~~A3~~						
	15.5	5911 ✓		3i ✓						
	15.9	3799	42	B4						
	16.0	3550	22	C3						
	″	3752		C						
	″	~~3799~~	~~42~~	~~B4~~						
	16.7	3529.	24	B4						
16.4 − 40.5		5929 ✓		4i ✓						
	17.2	3784	45	B3						
	17.3	~~3784~~	~~45~~	~~B3~~						
17.2		5951 ✓		3 ✓						
17.8		5966 ✓		3 ✓						
	18.0	~~3534~~	~~23~~	~~C3~~						
		3535	23	C3						
		3959	61	B3						
	18.6	3757	38	B3						
	18.7	~~3757~~	~~38~~	~~B3~~						
	18.8	5992 ✓		3 ✓						
19.1 − 40.5		5924 ✓		4 ✓						
	19.3	3963	61	C2						
		3978	59	B3						
	19.8	5942 ✓		3 ✓						

16.7

16.8-40.5 5987 ✓ 3 ✓

Class −40°

	R.A. h.	No Plate	No. Box	Letter	St. Set	F.M.&C	F.Cl.	No. Stars	Ref to Meas.	Ref to Ident.
	20.0	3579	27	B4						
~~20.3 − 38~~		~~6140~~		~~4~~						
	20.6	3763	45	B3						
	20.7	~~3763~~	~~45~~	~~B3~~						
	21.2	4196	83	B3 –						
	21.2	3507	21	a5						
	21.3	~~3507~~	~~21~~	~~a5~~						
21.8 − 40.5		6006		3i						
		~~4196~~	~~83~~	~~B3~~						
	21.9	4200	86	B3						
	22.0	~~4200~~	~~86~~	~~B3~~						
	22.7	4365	101	B3						
	23.3	4329	99	a3						

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Class I₁₀
— 45

R.A.	No. Plate	No. Box	Letter	St. St.	F.M.&C.	F.Ch.	No. Stars	Ref to Meas	Ref to Ident.
h.									
0.8	4151	73	B2						
0.3	4378	100	B3						
	4381	101	A3						
1.0	4377	100	B3						
1.7	4384	95	B3						
1.9	4181	80	B3						
2.3	4385	94	B3						
3.0	4388	94	B3						
3.7	4390	100	B4						
3.9	4222	84	C2						
4.3									
4.4	4346	98	B4						
5.0	4393	94	B4						
5.3	4604	127	C2						
5.7	4624	128	B3						
6.3	4496	113	B3						
7.0	4640	119	B3						
7.7	4631	119	B4						
7.8 - 4.50	10394	4136	3 1						
8.3	4835	145	B3						
9.0	5013	167	B3						
9.7	5292	192	B3						

Class I
−45°

	R.A. h.	No. Plate	No. Box	Letter	St St	F. M&C	F. Cl.	No. Stars	Ref to Meas.	Ref to Ident.
	10.3	5296	192	B3						
	11.0	5264	194	B3						
	11.7	4837	146	B3						
	12.0	3508	25	C3						
	12.3	5303	195	B3						
		5905 ✓		3 ✓						
	13.0	5221	5188	B3						
	13.2	3479	192	C3						
	13.7	~~5306~~	~~192~~	~~B4~~						
	13.9	3770	46	B3						
	14.3	5310	195	A4						
	14.7	3522	25	a4						
14.8 − 45.5	15.0	5068	175	B2						
		5980 ✓		4 ✓						
	2	6876		4						
	15.4	5222	188	C3						
	15.2	3773	46	A4						
	15.7	5069	174	C2						
		5332	198	A4						
	16.0	3551	22	B4						
	16.3	5335	198	A3						
16.4 − 46		5928 ✓		4 ✓						
	16.6	3804	48	a4						
	16.7	3530	24	C3						
16.8 − 45.5	17.0	5152	171	B3						
		5986 ✓		3 ✓						
17.2 − 46.1		5950		3						
	17.3	3783	47	B3						
	17.5	6877 ✓		2 ✓						
	17.7	5130	171	B3						
	17.8	5964 ✓		3 ✓						
	17.9	3812	48	A4						
	18.0	3534	23	C3						
	18.3									
	18.6	3755	38	A4						
18.8 − 45.5	19.0	4347	98	a3						
2		5991 ✓		3 ✓						
19.1		5923 ✓		5 ✓						
	19.2	3814	41	B3						
	19.7	4352	98	B3						
19.9		7422	—	3 ✓						
	20.0	3580	27	B4						

15.0 6876 32/21 4

17.5 121 3

Class I4 °
— 45°

21.8 − 46

R.A. h.	No. Plate	No. Box	Letter	St St	F.M.+C	F.Clu.	No Stars	Ref. to Meas.	Ref. to Ident.
20.3	4355	95	B4						
	4359	98	a4						
20.7	3617	34	a4						
	~~6024~~		~~4~~						
21.0	4362	100	a4						
21.3	4195		B						
21.3	3823	39	B2						
21.7	4363	100	a3						
	6005		3						
22.0	4301	88	B2						
22.3	4318.	97	B3						
23.0	4319	96	B4						
23.7	4327	88	a3						

Class I

— 50°

R.A. h.	No. Plate	No. Box	Letter	St. Set.	F.M.&C.	Fl.ch.	No. Stars.	Ref. to Meas.	Ref. to Ident.
0.0	4021	68	B3						
0.7	4022	69	B3						
1.3	4383	95	B3						
2.0	4207	85	B3						
2.7	4182	80	B3						
3.3	4268	89	B4						
3.9	4221	84	C3						
4.0	~~4221~~	~~84~~	~~C3~~						
	4597	127	B3						
4.6	4290	93	a4						
4.7									
5.3	4601	3127	B2						
5.9	4495	113	C3						
6.0	4625	130	B4						
6.3	4344	99	C2						
6.7	4628	130	B3						
7.0	4442	105	B3						
7.3	4343	99	a3						
8.0	~~4643~~	~~132~~	~~B4~~						
	~~[illegible]~~								
8.7	4643	132	B4						
9.3	5056	175	C3						
	5057	175	B3						

Class I

– 50°

	R.A. h.	No. Plate	No. Box	Letters	St. St.	F. M. & C.	F. Clu.	No. Stars	Ref. to Meas.	Ref. to Ident.
	10.0	5294	192	A3						
	10.7	4896	145	B3						
	11.3	5004	167	B3						
	12.0	3509	25	a5						
		4998	161	B4						
	12.3	5350	201	B4						
		5356	202	B4						
12.3 – 50.5	12.7	3352	6	c2						
		5904 ✓		4 ✓						
		5015	167	B3						
		7262								
-49.5	13.3	~~4827~~	3581	2						
		7370	3613	3						
		5069	173	B3						
	13.9	3769	45	B4						
	14.0	~~3769~~	~~45~~	~~B4~~						
13.8		6008 ✓		3 ✓						
		~~6009~~		~~3~~						
	14.7	3523	25	B3						
	14.8	5979 ✓		3 ✓						
	~~15.1~~	~~5006~~		~~4i~~						
-50.5	"	5908		4i						
	15.3	3480	18	a5						
15.5 – 51.0		5910 ✓		3 ✓						
	~~15.4~~	~~3485~~	~~18~~	~~a5~~						
	16.0	3552	22	B4						
	16.6	3779	47	a4						
	16.7	~~3779~~	~~47~~	~~a4~~						
16.4 – 50.6		5927 ✓		3 ✓						
	16.8	5985 ✓		3 ✓						
	17.2	5949		3						
	17.3	3531	24	c3						
		3782	47	B4						
	17.9	3811	41	a4						
	~~18.0~~	~~3811~~	~~41~~	~~a4~~						
17.8		5963 ✓		4 ✓						
	18.7	3536	23	c3						
	18.8	5990 ✓		4i ✓						
		3961	61	B3						
	19.2	3758	44	B3						
19.2	19.3	~~3758~~	~~44~~	~~B3~~						
		5962 ✓		4						
	19.8	5940		4						
				2						
	19.9	3581	29	B4						

13.3 /7433 — 1
13.4 7465 3689 2

Class I4

−50°

R.A. h	No. Plate	No. Box	Letter	St.St	F.M.C	F.Elv.	No. Stars	Ref. to Meas.	Ref. to Ident.
20.0	~~2557~~	~~27~~	~~B4.~~						
20.7	3616	34	B4						
21.3	3822	44	A3						
21.7	3621	34	C4						
21.9	3828	39	B2						
21.9	4199	86	B2						
22.7	4397	94	C4						
23.3	4173		B						
23.7	4327	88	B3						

Class I

−55°

R.A. h	No. Plate	No. Box	Letter	St. St.	F.M.&C.	F.Ch.	No. Stars	Ref. to Meas.	Ref. to Ident.
0.0	4374	101	B3						
1.0	4376	100	C2						
1.9	4208	86	B4						
2.0	~~4208~~	~~86~~	~~B4~~						
3.0	4556	117	B3						
4.0	4220	85	A4						
5.0									
6.0	4440	3106	A3						
7.0	4441	3105	B3						
8.0	4700	133	C3						
	7472	3689	3						
	4706	134	C2						
	5007	167	B3						
9.0	5012	167	B3						
10.0	5249	190	C5						
	5295		B						
11.0	5003	167	B4						
12.0	3570	21	A3						
12.9	3477	19	B4						
13.0	~~3477~~	~~19~~	~~B4~~						
13.7	3750	38	A4						
14.0	~~3750~~	~~38~~	~~A4~~						

	8.0	7265	3582	4
-54.5		7368	3617	3

Class E.
−55°

	R.A. hr	No. Plate	No. Box	Letter	St. St.	F. Mtl	F. Clv.	No. Stars	Ref. to Meas.	Ref. to Ident.
	15.0	3524	24	C3						
	16.0									
	16.9	3805	48	a3						
	17.0	~~3805~~	~~48~~	~~a3~~						
	17.9	3810	48	B3						
	18.0	~~3810~~	~~48~~	~~B3~~						
	19.0	3537	23	C3						
		3977	59	C2						
		3997	63	C2						
	20.0	3760	46	A4						
Dec. −53		5778	3228	B4						
" " "		50N2	170	B 2						
				1						
	21.0	3573	29	B4						
	21.9	3827	39	B3						
Dec −53°	22.0	~~3827~~	~~39~~	~~B3~~						
		5248		B						
	23.0	4367	101	B4						

Class I4
−60°

	R.A. h.	No. Plate	No. Box	Letter	St. St.	F.M+C	F.Ch.	No. Stars	Ref. to Meas.	Ref. to Ident.
	0.5	4203		B						
		5788	3241	B4						
	1.5	4210	85	B3						
	2.4	4213	85	a4						
	2.5	~~4213~~	~~85~~	~~a4~~						
	3.5	4184	80	B3						
	4.5	4308	95	B3						
	5.5	4439	3106	A4						
	6.5	4805	147	C2						
		5640	229	B4						
	7.5	4607	127	B3						
	8.5	4995	161	C3						
		5008	161	B3						
	9.5	4996	161	B5						
		5155	183	C2						
	10.5	5001	3169	B4						
	11.5	5061	3	A						
	12.0	3511	21	B4						
	12.5	~~3511~~	~~21~~	~~B4~~						
Dec −61°	12.6	3309	–	~~–~~4						
	13.5	3543	23	a4						
	14.4	3482	18	a4						
	14.5	~~3482~~	~~18~~	~~a4~~						

[illegible]

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Class I

−60°

Ref. W.	No. Plate	No. Box	Letter	St.Lt.	F.M.&C.	F.Ch.	No. Stars	Ref to Meas.	Ref to Ident.
15.5	3966	60	B3						
16.5	3953	62	B3						
17.4	3809	48	a3						
17.5	~~3809~~	~~48~~	~~a3~~						
18.4	4138	77	a4						
18.4	3995	63	c2						
18.5	~~3995~~	~~63~~	~~C2~~						
	~~4138~~	~~77~~	~~a4~~						
19.5	3538	23	c3						
	3965	60	B2						
20.4	3582	29	B4						
20.5	~~3582~~	~~29~~	~~B4~~						
21.4	3824	39	a3						
21.5	~~3824~~	~~39~~	~~a3~~						
22.5	4017	68	B3						
23.5	4369	100	B3						

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Class I

−65°

	R.A. h.	No. Plate	No. Box	Letter	St. Lt.	F.M.&C.	F.Ch.	No. Stars	Ref. to Meas.	Ref. to Ident.
	0.0	4373	101	B2						
	1.3	4209	85	B4						
	2.6	4214	85	C2						
	2.7	~~4214~~	~~85~~	~~C2~~						
		4554	117	B2						
	3.9	4219	84	B4						
	~~4.0~~	~~4219~~	~~84~~	~~B4~~						
	5.3	4602	127	B2						
	6.7	4807	147	C2						
		5641	3229	C3						
		5642	229	B3						
	8.0	4642	130	B4						
	9.3	4997	161	B4						
	10.7	5219	188	B4						
	11.9	3512	25	B3						
	12.0	~~3512~~	~~25~~	~~B3~~						
Dec. −63°	12.3	3378	10	−3						
	13.2	3481	18	A5						
	13.3	3480	19	C3						
	~~13.4~~	~~3480~~	~~19~~	~~C3~~						
	14.6	3772	38	C3						
		3987	49	B2						
	15.9	3778	47	A5						
	16.0	~~3778~~	~~47~~	~~A5~~						
	17.2	3781	47	A4						
	17.3	~~3781~~	~~47~~	~~A4~~						
	18.7	3962	61	C3						
		4189	73	A3						

Class L
−65°

R.A. h.	No. Plate	No. Box	Letter	St.St.	F.M.&C.	F.Cls	No. Stars	Ref. to Meas.	Ref. to Ident.
20.0	3541	23	a3						
21.2	3821	39	B3						
21.3	3765	45	B4						
22.0	4201		C						
22.7	4018	69	C2						
	4364	100	B4						

Class I

−70°

	R.A.	No. Plate	No. Box	Letter	St.St.	F.H.&C.	F.Ch.	No. Stars	Ref. to Meas.	Ref. to Ident.
	0.6	5789	3241	B5						
	0.7	4202		a						
	1.9	4211	85	B3						
	2.0	~~4211~~	~~85~~	~~B3~~						
	3.3	4215	85	B3						
	4.6	5814	3249	B5						
	4.7	4598 4732 5636 4638	127 137 231 119	C2 C2 C2 C3						
~~Dec-69 L.~~	~~5.5~~	~~4503~~	~~117~~	~~4~~						
5.3 −70.5		10267								
	6.0	4606	127	B2						
	7.3	4490	113	B4						
	8.7									
	~~9.0~~	~~5058~~	~~175~~	~~C2~~						
	9.7	4994	161	B4						
	10.0	4999	161	B3						
		7261	3581	4						
	11.3	5220	188	B3						
	11.4	3325	—	c 3						
	12.0	3513	25	c3						
	12.7	5059	175	B2						
	14.0	3789	47	a4						
	15.2	3774	47	a4						
	15.3	~~3774~~	~~47~~	~~A4~~						
	16.6	3780	47	a3						
	16.7	~~3780~~	~~47~~	~~a3~~						
	17.9	3786	46	B3						
	18.0	~~3786~~	~~46~~	~~B3~~						
	19.2	3539	23	C3						
	19.3	~~3539~~	~~23~~	~~c3~~						
	19.2	3813	41	B3						
	20.5	4012	64	C2						

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Class I.
-70°

R.A. h.	No. Plate	No. Box	Letter	St.St	F.M.+C	F.Clo.	No. Stars	Ref. to Meas.	Ref to Ident.
20.7	4142	73	B3						
21.9	3826	39	a3						
22.0	~~3826~~	~~39~~	~~a3~~						
23.2	4020	68	B2						
23.3	~~4020~~	~~68~~	~~B2~~						

206

Class I, −75°

R A h	No. Plate	No. Box	Letter	St. St	F.H.&C	F.Ch.	Class.	Ref. to Meas.	Ref. to Ident
0.0	4206	83	a3						
68	9808								
2.0	4212	85	B4						
69	10362		4a						
4.0	4218	84	B3						
6.0	4605	127	B3						
8.0	4702	133	B3						
10.0	5000	169	B3						
12.0	5065	175	C3						
	5066	175	B3						
	7262	3579	4						
14.0	3751	38	C3						
"	3768	45	C2						
"	3788	45!	B3						
16.0	3777	49	A4						
18.0	3785	45	B4						
20.0	3540	23	C3						
	3761	45	A4						
21.9	5825	39	a3						
22.0	~~3825~~	~~39~~	~~a3~~						

Class I,
— 80°

	R.A. h	No Plate	No. Box	Letter	St. St.	F.M.C	F.Ch.	No Stars	Ref. to Meas.	Ref. to Ident.
	1.0	4204		B						
0.1		5790	3241	B4						
		6765		3						
	3.0	4216	84	B3						
	5.0	4599	127	B2						
	7.0	4746	140	C1						
		5643	229	B3						
	9.0	5316	195	B3						
		5058	175	C2						
	10.0	5321	3197	C2						
	10.8	5352	201	B4						
	11.0	5002	157	C2						
		5348	196	C2						
		~~5002~~	~~201~~	~~B4~~						
		7504	3644	3						
	13.0	5003	167	C3						
		5064	174	B3						
13.2		6348		3						
	15.0	4794	139	C3						
		5067	173	B2						
		6349	2	3						
15.2	17.0	3806	44	B2						
	19.0	3998	63	C2						
		~~4140~~	~~73~~	~~B3~~						
	19.2	4140	73	B3						
	21.0	3584	29	B4						
		4235	96	B3						
	23.0	4326	96	A3						

Class I₀
— 85°

R.A. h.	No. Plate	No. Box	Letter	St	St	F.M.&C.	F.Ch.	No. Stars	Ref. to Meas.	Ref. to Ident.
0.0	4205	86	a2							
4.0	4217	84	a3							
8.0	4701	133	C2							
	4707	134	c2							
	5644	231	B2							
12.0	5063	174	B2							
16.0	3776	49	a4							
	5070	174	c3							
20.0	3616	34	a4							
	5893	199	c2							
20h	7351		3							