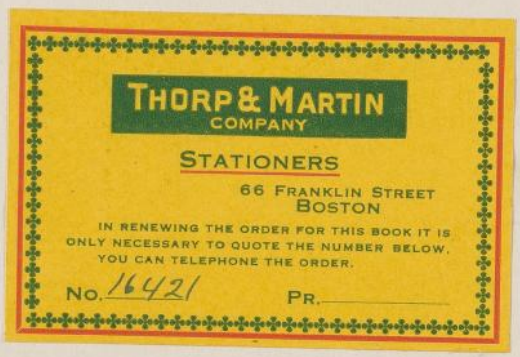
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2

H.T. 8114

Nov. 15, 1932

Cont. from Bk. 191, 222

F.C.

301	6	a_3
302	3	g_0
303	1	K_5
304	2	K_2
305	1	F_8
306	1	g_0
307	2	K_7
308	2	g_5
309	2	K_7
310	5	F_5
311	3	F_2
312	1	K_0
313	1	g_0
314	6	F_8
315	1	g_5
316	1	F_8
317	1	g_0
318	1	g_5
319	2	g_0
320	5	F_5
321	3	K_{1a}
322	2	a_3
323	1	F_2
324	6	K_0
325	2	a_0

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I 18164 Nov. 29, 1932

301	+19°	4523	20h	42.5m	+19°	17′	9.0	
302								Not in Dm. ✓
303								Not in Dm. ✓
304								
305								Not in Dm. ✓
306								Not in Dm.
307								Not in Dm. ✓
308								Not in Dm. ✓
309								Not in Dm. ✓
310	+18	4622	20	42.4	+18	45	9.5	
311								Not in Dm. ✓
312								Not in Dm. ✓
313								Not in Dm. ✓
314	+18	4621	20	41.9	+18	22	9.3	✓
315								Not in Dm. ✓
316								Not in Dm. ✓
317								Not in Dm. ✓
318								Not in Dm. ✓
319								Not in Dm. ✓
320								Not in Dm. ✓
321	+18	4623	20	42.4	+18	21	9.2	✓
322								Not in Dm. ✓
323								Not in Dm. ✓
324	+17	4425	20	42.7	+17	57	8.8	✓
325								Not in Dm. ✓
22								

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1932phae.proj.2274C

4

Nov. 15, 1932

17 8114

7.C.

326	4	F0
327	3	a0
328	7	F8
329	1	g5
330	1	K2
331	5	F0
332	5	a3
333	7	F2
334	6	F0
335	2	g5
336	4	k2
337	1	a5
338	1	K7
339	2	a7
340	2	F2
341	1	K5
342	3	g0
343	3	F8
344	2	g0
345	3	g0
346	1	K2
347	2	a3
348	1	F8
349	1	g0
350	1	g5

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I 18164 Nov. 29, 1932

			h	m		'		
326	+17°	4426	20	43.1	+17°	53'	9.5	✓
327	+17	4423	20	46.6	+17	30	9.5	
328	+17	4424	20	42.6	+17	23	8.8	✓
329								Not in Dm. ✓
330								Not in Dm. ✓
331	+17	4429	20	43.7	+17	8	9.4	✓
332	+17	4428	20	43.7	+17	21	9.3	✓
333	+17	4430	20	43.8	+17	28	8.9	✓
334	+17	4427	20	43.5	+17	43	9.0	✓
335								Not in Dm. ✓
336	+18	4626	20	43.4	+18	2	9.5	✓
337								Not in Dm. ✓
338	+18	4625	20	43.2	+18	20	9.5	✓
339	+18°	4624	20	43.2	+18	30	9.5	✓
340								Not in Dm. ✓
341								Not in Dm. ✓
342								Not in Dm. ✓
343								Not in Dm. ✓
344								Not in Dm. ✓
345								Not in Dm. ✓
346								Not in Dm. ✓
347								Not in Dm. ✓
348								Not in Dm. ✓
349								Not in Dm. ✓
350								Not in Dm. ✓

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1932phae.proj.2274C

Nov. 15, 1932

H7 8114.

7.C.

351	1	K5
352	2	F8
353	2	K7
354	1	a
355	1	K0
356	3	F5
357	1	g5
358	1	K0
359	1	g0
360	3	F8
361	1	K
362	3	g5
363	4	g0
364	2	g5
365	5	F0
366	3	m0
367	1	F8
368	3	g0
369	2	K0
370	1	K0
371	2	F8
372	1	g0
373	1	K2
374	4	F2
375	4	m0

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I 18164 Nov. 29, 1932

351								Not in Dm. ✓
352								Not in Dm. ✓
353	+19°	4528	20	43.9	+19°	32'	9.4	✓
354								Not in Dm. ✓
355								Not in Dm. ✓
356	+19	4531	20	44.2	+19	27	9.5	✓
357								Not in Dm. ✓
358								Not in Dm. ✓
359								Not in Dm. ✓
360								Not in Dm. ✓
361								Not in Dm. ✓
362								Not in Dm. ✓
363	+18	4627	20	43.7	+18	33	9.4	✓
364	+18	4628	20	43.9	+18	35	9.2	✓
365	+18	4629	20	43.9	+18	40	9.2	✓
366	+18	4630	20	44.0	+18	49	9.0	
367								Not in Dm. ✓
368	+18	4632	20	44.3	+18	36	9.5	
369								Not in Dm. ✓
370	+18	4633	20	44.6	+18	50	9.5	✓
371								Not in Dm. ✓
372								Not in Dm. ✓
373	+19	4532	20	44.9	+19	4	9.5	✓
374	+18	4635	20	45.0	+18	58	9.5	✓
375	+19	4535	20	45.1	+19	10	8.9	

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8

Nov. 15, 1932

m 7 8114

7.C.

376	2	K0
377	2	K0
378	3	g5
379	5	F8
380	4	a2
381	2	K0
382	2	g0
383	2	a5
384	1	K
385	3	a3
386	1	K5
387	5	F2
388	7	a2
389	6	F0
390	3	F5
391	3	g0
392	4	K5
393	2	a3
394	2	B9
395	1	K2
396	1	K5
397	8	F2
398	3	K5
399	2	K5
400	1	K0

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I 18164 Nov. 29, 1932

376	+19°	4538	20h	45.4	+19°	3′	9.5	
377	+19	4539	20	45.4	+19	9	9.5	✓
378	+19	4540	20	45.5	+19	16	9.0	
379	+19	4541	20	45.6	+19	12	8.9	✓
380	+18	4640	20	45.7	+18	0	9.5	
381								Not in Dm. ✓
382								Not in Dm. ✓
383								Not in Dm. ✓
384								Not in Dm. ✓
385	+18	4637	20	45.1	+18	22	9.5	
386								Not in Dm. ✓
387	+18	4636	20	45.1	+18	10	9.0	✓
388	+18	4638	20	45.2	+18	5	9.2	✓
389	+18	4639	20	45.4	+18	9	9.0	✓
390								Not in Dm. ✓
391								Not in Dm. ✓
392	+18	4641	20	45.8	+18	11	8.8	
393	+18	4634	20	44.7	+18	5	9.5	✓
394	+17	4435	20	44.7	+17	52	9.5	✓
395	+18°	4631	20	44.2	+18	6	9.5	✓
396								Not in Dm. ✓
397	+17	4433	20	44.4	+17	32	9.0	✓
398								Not in Dm. ✓
399	+17	4432	20	44.1	+17	11	9.0	✓
400								Not in Dm. ✓

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Nov. 15, 1932

m7 8124.

F.C.

401	5	F_2
402	3	g_5
403	1	g
404	2	g_5
405	7	K_0
406	1	a_5
407	1	g
408	4	M_0
409	2	K_0
410	1	F_8
411	2	K_5
412	3	K_0
413	4	K_0
414	1	g_0
415	1	g_5
416	5	K_0
417	6	F_5
418	1	K_2
419	5	g_0
420	4	g_0
421	2	g_0
422	5	F_0
423	6	F_2
424	5	F_8
425	7	F_2

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I18164

Nov. 30, 1932

401	+17°	4436	20h	45.0m	+17°	13′	9.0	✓
402								Not in Dm. ✓
403								Not in Dm. ✓
404								Not in Dm. ✓
405	+17	4434	20	44.7	+17	40	8.7	
406								Not in Dm. ✓
407								Not in Dm. ✓
408	+17	4437	20	45.1	+17	43	9.0	✓
409								Not in Dm. ✓
410								Not in Dm. ✓
411								Not in Dm. ✓
412								Not in Dm. ✓
413	+17	4442	20	46.4	+17	46	9.4	✓
414								Not in Dm. ✓
415								Not in Dm. ✓
416	+17	4440	20	46.2	+17	18	9.0	✓
417	+17	4439	20	46.1	+17	17	9.0	✓
418	+17	4443	20	46.9	+17	24	9.5	✓
419	+17	4444	20	47.2	+17	46	9.4	✓
420	+17	4447	20	47.5	+17	33	8.9	✓
421								Not in Dm. ✓
422	+17	4448	20	47.9	+17	24	9.0	
423	+17	4450	20	48.2	+17	18	8.3	✓
424	+17	4451	20	48.2	+17	9	8.5	✓
425	+17	4454	20	48.5	+17	13	8.3	✓

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Nov. 15, 1932

M 7 8114

7.C.

426	6	a_3
427	1	K_5
428	1	F_8
429	4	a_3
430	1	a_0
431	2	K_7
432	1	K_7
433	1	K_5
434	2	F_2
435	1	a_3
436	1	K_5
437	1	K_7
437a	3	g_0
438	6	a_7
439	1	a_0
440	2	F_2
441	3	K_0
442	2	F_8
443	2	K_5
444	1	K_2
445	1	K_0
446	2	g_0
447	1	g_0
448	2	F_5
449	1	K_5
450	3	F_8

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1932phae.proj.2270C

I 18164 Nov. 30, 1932

426	+17°	4453	20h	48.3m	+17°	25′	8.3	
427	+17	4450	20	48.6	+17	51	9.5	
428								Not in Dm.
429	+18	4649	20	48.3	+18	1	9.5	
430								Not in Dm.
431	+18	4648	20	47.9	+18	6	9.5	
432								Not in Dm.
433								Not in Dm.
434								Not in Dm.
435								Not in Dm.
436								Not in Dm.
437								Not in Dm.
437a								Not in Dm.
438	+18	4642	20	46.5	+18	44	8.8	
439								Not in Dm.
440								Not in Dm.
441	+18	4643	20	46.6	+18	58	9.5	
442								Not in Dm.
443	+18	4644	20	46.8	+18	34	9.3	
444	+18	4645	20	46.8	+18	30	9.5	
445								Not in Dm.
446								Not in Dm.
447								Not in Dm.
448								Not in Dm.
449								Not in Dm.
450								Not in Dm.

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1932phae.proj.22741C

Nov. 15, 1932

M 78114

7. C.

451	2	K0
452	3	F5
453	5	K0
454	1	F5
455	2	K0
456	5	a2
457		
458	2	K2
458	3	a2
459	2	F8
460	1	F0
461	1	F2
462	1	F0
463	2	K0
464	5	K2
465	1	F0
466	4	K2
467	1	K5
468	1	K0
469	4	K0
470	3	K2
471	1	K5
472	4	F8
473	2	K0
474	1	K7
475	3	a0

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I-18164 Nov. 30, 1932

451	+18°	4647	20h	47.7m	+18°	54′	9.3	
452								Not in Dm.
453	+19	4551	20	46.5	+19	20	9.3	~~No~~
454								Not in Dm.
455	+19	4549	20	46.4	+19	26	9.5	
456	+19	4548	20	46.3	+19	27	9.5	
457	+19	4546	20	46.1	+19	18	9.5	
458								Not in Dm.
459								Not in Dm.
460								Not in Dm.
461								Not in Dm.
462								Not in Dm.
463	+19	4534	20	45.1	+19	21	9.5	
464	+19	4533	20	45.0	+19	26	8.7	
465								Not in Dm.
466	+19	4536	20	45.1	+19	41	8.9	
467								Not in Dm.
468								Not in Dm.
469	+20	4737	20	44.9	+20	4	9.3	
470	+20	4743	20	45.4	+20	4	9.0	
471								Not in Dm.
472	+20	4746	20	45.8	+20	15	9.3	
473	+19	4543	20	45.8	+19	58	9.4	
474								Not in Dm.
475								Not in Dm.

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1932phae.proj.22741C

Nov. 15, 1932

M 7 8114

7.C.

476	2	K2
477	2	K0
478	3	K0
479	1	g5
480	4	g0
481	3	F5
482	2	F8
483	1	F2
484	2	g0
485	1	F0
486	3	F0
487	6	K0
488	7	F2
489	2	g0
490	1	F5
491	4	K5
492	1	K
493	1	F8
494	1	K2
495	3	g0
496	3	g0
497	2	F5
498	7	a3
499	6	g0
500	4	g5

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I 18164 Nov. 30, 1932

476	+19	4545	20	45.9	+19	56	9.5	
477	+20	4747	20	45.9	+20	2	9.4	
478								Not in Dm.
479								Not in Dm.
480	+19	4547	20	46.2	+19	0	9.2	
481								Not in Dm.
482	+19	4550	20	46.5	+19	45	9.5	
483								Not in Dm.
484								Not in Dm.
485								Not in Dm.
486	+20	4753	20	47.1	+20	4	9.4	
487	+19	4553	20	47.3	+19	53	8.5	
488	+19	4554	20	47.5	+19	53	8.7	
489	+20	4757	20	47.3	+20	10	9.5	
490								Not in Dm.
491	+20	4755	20	47.2	+20	27	9.0	
492								Not in Dm.
493								Not in Dm.
494								Not in Dm.
495	+19	4557	20	48.3	+19	1	9.5	
496	+19	4558	20	48.5	+19	22	9.5	
497	+19	4559	20	48.7	+19	20	9.4	
498	+19	4561	20	48.8	+19	11	8.8	
499	+19	4562	20	48.9	+19	8	8.8	
500	+19	4563	20	48.9	+19	19	9.2	

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1932phae.proj.2274C

Nov. 16, 1932

M7 8114

7.C.

501	1	F0
502	2	a0
503	5	a5
504	1	g0
505	2	g0
506	1	g5
507	1	K0
508	1	K5
509	2	g5
510	6	a0
511	1	K0
512	3	g5
513	5	F0
514	2	g0
515	1	F8
516	3	K5
517	1	K7
518	3	K7
519	5	F8
520	1	F5
521	2	g5
522	2	K2
523	1	K7
524	3	K5
525	3	g5

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1932phae.proj.22734C

I 29780 Nov. 30, 1932

501								Not in Dm.
502								Not in Dm.
503	+21°	4299	20h	31.9m	+21°	54′	9.5	
504								Not in Dm.
505								Not in Dm.
506								Not in Dm.
507								Not in Dm.
508	+22	4135	20	32.2	+22	32	9.5	
509	+22	4136	20	32.3	+22	13	9.0	
510	+22	4139	20	32.6	+22	8	9.5	
511								Not in Dm.
512	+21	4304	20	32.6	+21	55	9.5	
513	+21°	4302	20	32.5	+21	39	9.4	
514								Not in Dm.
515								Not in Dm.
516	+21	4306	20	32.9	+21	24	9.1	
517								Not in Dm.
518								Not in Dm.
519	+21	4311	20	33.5	+21	21	9.3	
520								Not in Dm.
521								Not in Dm.
522	+21	4313	20	33.8	+21	11	9.5	
523								Not in Dm.
524	+20	4669	20	33.8	+20	57	9.5	
525	+21	4315	20	34.0	+21	3	9.5	

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1932phae.proj.2274c

Nov. 16, 1932

M 7 8114

7.C.

526	3	F8
527	6	F5-
528	4	F2
529	8	a2
530	8	F2
531	6	M0
532	4	g5-
533	1	g5-
534	1	K5-
535	3	F8
536	2	K0
537	4	g5-
538	1	g5-
539	1	K2
540	8	F8
541	7	F0
542	2	F0
543	1	K
544	1	F0
545	3	g0
546	1	K5-
547	2	g0
548	3	a3
549	1	M0
550	3	70

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1932phae.proj.22734C

I 29780 Nov. 30, 1932

526								Not in Dm.
527	+21°	4314	20h	33.9m	+21°	22′	9.2	
528	+21	4317	20	34.1	+21	18	9.5	
529	+20	4674	20	34.2	+20	57	8.9	
530	+21	4319	20	34.6	+21	2	8.6	
531	+21	4321	20	34.9	+21	8	8.6	
532	+21	4320	20	34.7	+21	32	9.4	
533								Not in Dm.
534								Not in Dm.
535								Not in Dm.
536								Not in Dm.
537	+21	4322	20	35.2	+21	22	9.5	
538								Not in Dm.
539								Not in Dm.
540	+20	4676	20	34.6	+20	43	8.9	
541	+20	4677	20	34.7	+20	43	9.0	
542								Not in Dm.
543								Not in Dm.
544								Not in Dm.
545	+20	4675	20	34.6	+20	22	9.5	
546								Not in Dm.
547								Not in Dm.
548								Not in Dm.
549	+20	4679	20	35.2	+20	4	9.4	
550	+19	4487	20	35.2	+19	51	9.5	

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1932phae.proj.2274C

Nov. 16, 1932

M7. 8114.

7.C.

551	2	F5
552	2	F8
553	2	g5
554	2	F0
555	2	F0
556	1	g
557	5	F8
558	7	K0
559	3	K0
560	1	F2
561	1	F5
562	2	m0 [Wrong star obs. first]
563	3	g5
564	7	g5
565	1	K
566	1	g0
567	4	F8
568	1	m0
569	5	F2
570	4	F0
571	1	K5
572	1	g
573	2	F5
574	2	g0
575	4	m0

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1932phae.proj.22734C

I 29780 Nov. 30, 1932

551								Not in Dm.
552								Not in Dm.
553								Not in Dm.
554								Not in Dm.
555								Not in Dm.
556								Not in Dm.
557	+20°	4686	20	36.0	+20°	17	9.3	
558	+20	4682	20	35.4	+20	11	7.8	
559								Not in Dm.
560								Not in Dm.
561								Not in Dm.
562								Not in Dm.
563	+20	4678	20	35.1	+20	48	9.5	
564	+20	4681	20	35.4	+20	44	8.5	
565								Not in Dm.
566								Not in Dm.
567	+20	4683	20	35.8	+20	42	9.4	
568								Not in Dm.
569	+20	4687	20	36.2	+20	40	9.3	
570	+20	4689	20	36.2	+20	24	9.5	
571	+20	4688	20	36.2	+20	30	9.5	
572								Not in Dm.
573								Not in Dm.
574								Not in Dm.
575	+20	4690	20	36.2	+20	53	9.0	

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1932phae.proj.22741C

Nov. 16, 1932

M7 8.1.4

7.C.

5476	4	a_2
5477	3	K_5^-
5478	1	g_0
5479	3	F_5^-
5480	2	a_5^-
5481	2	F_8
5482	2	F_2
5483	5	a_0
5484	4	K_0
5485	1	F_5^-
5486	2	g_5^-
5487	1	m_0
5488	7	F_0
5489	7	K_0
5490	1	K_7
5491	3	K_7
5492	1	F_8
5493	2	K_0
5494	4	a_5^-
5495	3	a_7
5496	5	a_2
5497	2	K_7
5498	4	a_5^-
5499	2	F_5^-
5500	1	K_7

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1932phae.proj.227aC

I 29780 Nov. 30, 1932

576	+20°	4685	20h	35.9m	+20°	58′	9.5	
577	+20	4684	20	35.8	+20	57	9.1	
578								Not in Dm
579	+21	4324	20	35.7	+21	2	9.5	
580								Not in Dm.
581								Not in Dm.
582								Not in Dm.
583								Not in Dm.
584	+21	4323	20	35.5	+21	32	9.2	
585								Not in Dm.
586								Not in Dm.
587								Not in Dm.
588	+21	4326	20	36.0	+21	17	9.2	
589	+21	4325	20	36.0	+21	14	8.8	
590								Not in Dm.
591	+21	4331	20	36.8	+21	0	9.5	
592								Not in Dm.
593								Not in Dm.
594	+21	4330	20	36.6	+21	22	9.5	
595								Not in Dm.
596	+21	4333	20	37.0	+21	33	9.3	
597	+21	4335	20	37.2	+21	45	9.5	
598	+21	4336	20	37.3	+21	47	9.4	
599	+21	4337	20	37.4	+21	49	9.5	
600	+21	4339	20	37.7	+21	52	9.4	

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1932phae.proj.22714C

Nov. 17, 1932

M7 8114.

7.C.

601	2	F8
602	4	g5-
603	2	g0
604	6	K0
605	1	m
606	3	F2
607	2	F8
608	1	K0
609	1	F5-
610	3	g0
611	7	g5-
612	3	F8
613	3	K2
614	1	F0
615	3	m0
616	2	F8
617	1	g5-
618	1	K7
619	2	K5-
620	1	g5-
621	3	g5-
622	1	g0
623	2	g0
624	1	F5-
625	3	F8

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1932phae.proj.227aC

I 29780 Dec. 5, 1932

601								Not in Dm.
602	+21°	4340	20h	37.7m	+21°	23′	9.4	
603	+21	4343	20	37.9	+21	14	9.5	
604	+21	4342	20	37.9	+21	4	8.6	
605								Not in Dm.
606								Not in Dm.
607								Not in Dm.
608	+20	4701	20	38.0	+20	52	9.5	
609								Not in Dm.
610								Not in Dm.
611	+20	4698	20	37.2	+20	37	8.8	
612	+20	4692	20	36.6	+20	19	9.5	
613	+20	4694	20	36.9	+20	15	9.6	
614	+20	4696	20	37.1	+20	19	9.5	
615	+20	4695	20	37.0	+20	7	9.6	
616								Not in Dm.
617								Not in Dm.
618	+19	4496	20	37.1	+19	59	9.5	
619	+19	4498	20	37.2	+19	54	9.5	
620								Not in Dm.
621								Not in Dm.
622								Not in Dm.
623								Not in Dm.
624								Not in Dm.
625								Not in Dm.

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1932phae.proj.22714C

Nov. 17, 1932

M7 8114

F.C.

626	1	K7	
627	3	a3	
628	7	F0	
629	3	M0	
630	2	F8	
631	2	F5-	
632	1	a5-	
633	1	K5-	
634	2	F5-	
635-	1	K0	
636	2	K0	
637	4	a2	
638	2	g0	
639	2	K0	
640	2	F8	
641	1	g5-	fre. of 2
642	1	a5-	
643	5-	a3	
644	7	M1	
645-	3	M0	
646	3	K7	
647	6	a5	
648	2	F5	
649	1	g	
650	1	g	

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1932phae.proj.2273C

I 29780 Dec. 5, 1932

			h	m		'		
626								Not in Dm.
627								Not in Dm.
628	+20°	4703	20	38.3	+20°	20'	8.8	
629	+20	4702	20	38.3	+20	9	8.5	
630								Not in Dm.
631								Not in Dm.
632								Not in Dm.
633								Not in Dm.
634	+19	4503	20	39.1	+19	~~29~~ 57	9.5	
635								Not in Dm.
636								Not in Dm.
637	+20	4706	20	38.9	+20	11	9.5	
638								Not in Dm.
639	+20	4711	20	39.4	+20	3	9.5	
640								Not in Dm.
641								Not in Dm.
642								Not in Dm.
643	+20	4713	20	39.8	+20	9	9.5	
644	+20	4708	20	39.1	+20	33	8.6	
645	+20	4707	20	39.0	+20	34	9.1	
646	+20	4705	20	38.9	+20	40	9.5	
647	+20	4704	20	38.8	+20	27	8.8	
648								Not in Dm.
649								Not in Dm.
650								Not in Dm.

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1932phae.proj.22714C

Nov. 17, 1932

M7 8114.

F.C.

651	3	F2
652	2	F8
653	3	g0
654	2	F8
655	7	a3
656	2	F5
657	1	K7
658	5	F0
659	4	F5
660	1	K7
661	1	a2
662	1	K2
663	3	K7
664	1	F8
665	1	a2
666	1	K2
667	1	K5
668	3	a0
669	3	a0
670	1	a0
671	4	a2
672	1	K0
673	5	a0
674	0	g0
675	4	g5

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1932phae.proj.22710C

I 29780 Dec. 5, 1932

651	+20°	4710	20h	39.4m	+20°	48'	9.5	
652								hot in Dm.
653								hot in Dm.
654								hot in Dm.
650	+21	4346	20	39.4	+21	10	9.0	
656								hot in Dm.
657	+21	4348	20	40.2	+21	25	9.5	
658	+21	4347	20	40.2	+21	9	9.3	
659	+21	4349	20	40.4	+21	18	9.5	
660								hot in Dm.
661	~~+20~~	~~4714~~	~~20~~	~~40.2~~	~~+20~~	~~55~~	~~9.5~~	hot in Dm.
662	+20	4714	20	40.2	+20	55	9.5	
663	+20	4716	20	40.4	+20	52	9.3	
664								hot in Dm.
665								hot in Dm.
666								hot in Dm.
667	+20	4712	20	39.5	+20	39	9.5	
668								hot in Dm.
669								hot in Dm.
670								hot in Dm.
671	+20	4718	20	41.1	+20	30	9.2	
672	+20	4719	20	41.5	+20	35	9.4	
673	+21	4355	20	41.3	+21	0	9.4	
674	+20	4721	20	42.1	+20	59	9.3	
675	+20	4722	20	42.4	+20	56	9.5	

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1932phae.proj.22741C

Nov. 17, 1932

M7. 8114.

7.C.

676	2	F2
677	1	F
678	1	g5
679	2	F8
680	1	g0
681	1	K7
682	1	a0
683	1	g
684	4	a3
685	1	g5
686	2	K7
687	2	g0
688	3	a0
689	2	F0
690	3	F2
691	2	K0
692	5	F0
693	3	F0
694	3	K0
695	3	M0
696	2	g5
697	2	g0
698	1	g0
699	2	g5
700	5	g5

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1932phae.proj.22741C

I 29780 Dec. 5, 1932

676								Not in Dm.
677								Not in Dm.
678								Not in Dm.
679	+20°	4723	20h	42.8m	+20°	23'	9.5	
680								Not in Dm.
681	+20	4727	20	43.6	+20	10	9.5	
682								Not in Dm.
683	+19	4526	20	43.0	+19	56	9.5	
684								Not in Dm.
685	+20	4730	20	44.4	+20	14	9.5	
686	+20	4734	20	44.7	+20	22	9.4	
687								Not in Dm.
688	+20	4728	20	43.7	+20	38	9.5	
689								Not in Dm.
690								Not in Dm.
691	+20	4731	20	44.4	+20	52	9.4	
692	+20	4732	20	44.5	+20	50	9.3	
693	+20	4733	20	44.5	+20	57	9.5	
694	+20	4736	20	44.8	+20	41	9.3	
695	+20	4738	20	45.0	+20	39	8.8	
696	+20	4739	20	45.0	+20	32	9.5	
697	+20	4740	20	45.1	+20	35	9.5	
698								Not in Dm.
699								Not in Dm.
700	+20	4744	20	45.5	+20	38	9.2	

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1932phae.proj.22714C

Nov. 18, 1932

M 7 8114

7.C.

701	3	g5
702	4	K5
703	3	K2
704	3	g5
705	2	g5
706	2	K5
707	5	F2
708	4	K7
709	4⁵	F2
710	1	F0
711	6	g0
712	3	a2
713	1	K7
714	6	K7
715	1	F8
716	1	F0
717	2	K7
718	1	F5
719	5	F5
720	1	F2
721	3	g0
722	4	g0
723	4	K0
724	5	g0
725	6	g0

fre. of 2

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1932phae.proj.22724C

I 18851 Dec. 5, 1922

701	+20°	4742	20h	45.2	+20°	41′	9.3	
702	+20	4741	20	45.2	+20	53	9.0	
703	+20	4745	20	45.7	+20	47	9.4	
704	+20	4748	20	46.0	+20	47	9.5	
705								Not in Dm.
706								Not in Dm.
707	+21	4390	20	45.9	+21	20	9.2	
708	+21	4392	20	46.0	+21	15	9.1	
709	+21	4391	20	46.0	+21	28	9.3	
710								Not in Dm.
711	+21	4394	20	46.3	+21	42	9.0	
712								Not in Dm.
713								Not in Dm.
714	+21	4396	20	47.0	+21	51	8.6	
715								Not in Dm.
716								Not in Dm.
717	+21	4395	20	46.4	+21	11	9.5	
718								Not in Dm.
719	+24′	4393	20	46.2	+24′	4	9.4	
720								Not in Dm.
721	+20	4751	20	46.6	+20	39	9.5	
722	+20	4750	20	46.5	+20	25	9.1	
723	+20	4756	20	47.3	+20	43	9.0	
724	+20	4758	20	47.4	+20	47	9.0	
725	+21	4397	20	47.1	+20	2	9.0	

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1932phae.proj.22704C

Nov. 18, 1932

M7.8114.

7.C.

726	2	F5
727	1	g
728	2	g5
729	1	a
730	3	g5
731	2	g5
732	2	F8
733	4	g0
734	3	g0
735	1	g5
736	3	K0
737	2	K2
738	4	a3
739	2	F0
740	3	F2
741	3	g0
742	2	K7
743	4	m1
744	1	a5
745	2	a2
746	2	F8
747	2	g5
748	1	g
749	1	F0
750	1	g

fre. of 2.

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1932phae.proj.227aC

I 18851 Dec. 5, 1932

726								Not in Dm.
727								Not in Dm.
728	+21°	4399	20h	47.3	+21°	30′	9.5	
729								Not in Dm.
730	+21	4398	20	47.3	+21	36	9.5	
731	+21	4401	20	47.9	+21	32	9.5	
732								Not in Dm.
733	+21	4400	20	47.5	+21	59	9.2	
734	+22	4232	20	47.5	+22	4	9.3	
735								Not in Dm.
736	+21	4403	20	48.2	+22	0	9.2	
737	+22	4236	20	48.3	+22	3	9.5	
738	+21	4405	20	48.5	+21	52	9.5	
739								Not in Dm.
740	+22	4239	20	48.8	+22	0	9.5	
741								Not in Dm.
742	+21	4410	20	49.5	+21	52	9.1	
743	+21	4411	20	49.5	+21	55	8.7	
744								Not in Dm.
745								Not in Dm.
746	+21	4407	20	49.1	+21	25	9.4	
747	+21	4409	20	49.2	+21	25	9.1	
748								Not in Dm.
749	+21	4406	20	48.6	+21	14	9.5	
750								Not in Dm.

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1932phae.proj.2274C

Nov. 18, 1932

M 7 8114.

7.C.

751	3	a_7
752	5	g_5
753	4	a_2
754	1	a_3
755	5	a_2
756	1	g_0
757	1	a_5
758	1	m
759	4	g_5
760	4	a_0
761	1	g_0
762	3	a_0
763	4	a_2
764	3	F_0
765	2	g_0
766	4	a_7
767	4	g_5
768	6	K_0
769	3	g_5
770	4	g_5
771	3	K_0
772	6	a_0
773	1	g_0
774	4	g_5
775	2	a_0

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1932phae.proj.22?aC

I 18851 Dec. 5, 1932

			h	m		'		
751	+20°	4763	20	48.2	+20°	57	9.5	
752	+20	4760	20	48.0	+20	46	9.0	
753	+20	4764	20	48.3	+20	46	9.4	
754								Not in Dm.
755	+20	4761	20	48.1	+20	34	9.2	
756								Not in Dm.
757								Not in Dm.
758	+19	4556	20	48.2	+19	50	9.5	
759	+19	4565	20	49.0	+19	58	9.1	
760	+19	4566	20	49.4	+19	38	9.5	
761								Not in Dm.
762	+19	4567	20	49.4	+19	59	9.5	~~Not in Dm.~~
763								Not in Dm.
764	+20	4773	20	49.8	+20	14	9.5	
765	+19	4571	20	49.8	+19	46	9.5	
766	+19	4573	20	50.0	+19	38	9.5	
767	+19	4572	20	49.9	+19	19	9.3	
768	+19	4568	20	49.6	+19	17	8.6	
769	+19	4569	20	49.6	+19	8	9.5	
770	+18	4653	20	49.2	+18	54	8.9	
771	+18	4652	20	49.2	+18	47	9.2	
772	+18	4651	20	48.9	+18	47	8.8	
773								Not in Dm.
774	+18	4654	20	49.3	+18	35	9.2	
775								Not in Dm.

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1932phae.proj.22714C

Nov. 18, 1932

M.7.8114.

7.C.

776	4	F8
777	1	K7
778	3	a2
779	1	K7
780	2	F8
781	2	g0
782	3	K0
783	2	F2
784	5	a7
785	7	K0
786	6	K2
787	3	a3
788	2	K0
789	3	g0
790	2	F8
791	3	K0
792	2	g0
793	6	a2
794	3	m0
795	6	F8
796	7	K0
797	1	K0
798	3	K0
799	3	a0
800	3	m0

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1932phae.proj.2274C

I 18851 Dec. 5, 1932

776								Not in Dm.
777	+18°	4655	20h	49.9	+18°	42′	9.5	
778	+18	4656	20	50.1	+18	40	9.5	
779	+18	4657	20	50.4	+18	22	9.4	
780								Not in Dm.
781								Not in Dm.
782	+18	4658	20	51.0	+18	46	9.4	
783								Not in Dm.
784	+19	4577	20	50.9	+19	10	9.2	
785	+19	4576	20	50.8	+19	36	7.8	
786	+19	4578	20	51.2	+19	40	8.3	
787	+19	4581	20	51.5	+19	36	9.4	
788	+19	4582	20	51.5	+19	26	9.1	
789	+19	4583	20	51.5	+19	9	9.3	
790								Not in Dm.
791	+18	4661	20	51.4	+18	42	9.1	
792	+19	4584	20	51.9	+19	4	9.5	
793	+19	4586	20	52.3	+19	30	8.8	
794	+19	4588	20	53.1	+19	41	8.9	
795	+19	4585	20	51.9	+19	50	8.9	
796	+20	4786	20	52.8	+20	15	8.2	
797								Not in Dm.
798	+20	4780	20	51.2	+20	15	9.2	
799								Not in Dm.
800	+20	4778	20	50.6	+20	14	8.8	

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1932phae.proj.2274C

Nov. 22, 1932

17 8114

F.C.		
801	2	g0
802	3	K0
803	2	K0
804	2	g0
805	1	K5
806	2	g0
807	2	g0
808	3	M0
809	1	g5
810	1	F8
811	1	K5
812	7	F5
813	5	a2
814	3	g5
815	1	F2
816	1	F5
817	3	g0
818	1	F2
819	2	g0
820	2	K7
821	2	K7
822	1	M
823	1	g0
824	5	F5
825	1	M

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1932phae.proj.22?aC

I 18851 Dec. 6, 1932

801								Not in Dm. ✓
802	+21°	4309	20h	33.2m3	+21°	50'	9.4	
803								Not in Dm. ✓
804								Not in Dm. ✓
805								Not in Dm. ✓
806								Not in Dm. ✓
807	+22	4138	20	32.5	+22	29	9.5	✓
808	+22	4140	20	32.7	+22	34	9.4	✓
809								Not in Dm. ✓
810								Not in Dm. ✓
811	+22	4137	20	32.5	+22	45	9.2	✓
812	+23	4091	20	33.2	+23	15	9.5	✓
813	+23	4092	20	33.4	+23	2	9.5	✓
814	+23	4093	20	33.4	+23	6	9.5	✓
815								Not in Dm. ✓
816								Not in Dm. ✓
817	+22	4142	20	33.4m3	+22	36	9.5	
818								Not in Dm. ✓
819								Not in Dm. ✓
820	+22	4143	20	33.8	+22	29	9.3	✓
821								Not in Dm. ✓
822								Not in Dm ✓
823								Not in Dm. ✓
824	+21	4316	20	34.1	+21	45	9.4	✓
825								Not in Dm. ✓

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1932phae.proj.227mc

Nov. 22, 1932

DM7 8114

F.C.

826	1	K2
827	4	F8
828	1	F5
829	2	g5
830	1	K7
831	1	K7
832	2	F8
833	2	F0
834	2	a7
835	6	a0
836	4	a2
837	5	F2
838	5	a3
839	2	F2
840	4	K0
841	7	a3
842	1	g5
843	2	a5
844	1	K5
845	2	g0
846	3	K0
847	3	F8
848	5	F2
849	6	a0
850	6	a2

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1932phae.proj.22741C

I 18851 Dec. 6, 1932

826								Not in Dm. ✓
827	+22°	4145	20h	34.3m	+22°	5′	9.4	✓
828								Not in Dm. ✓
829								Not in Dm. ✓
830								Not in Dm. ✓
831	+22	4147	20	34.5	+22	5	9.5	✓
832	+22	4149	20	34.5	+22	2	9.5	
833								Not in Dm. ✓
834								Not in Dm. ✓
835	+22°	4146	20	34.4	+22	39	8.8	✓
836	+22	4150	20	34.7	+22	36	9.0	✓
837	+22	4151	20	34.9	+22	9	9.2	
838	+22	4153	20	35.3	+22	26	9.5	✓
839								Not in Dm. ✓
840	+21	4327	20	36.1	+21	53	9.0	✓
841	+21	4328	20	36.2	+21	46	9.2	✓
842								Not in Dm. ✓
843								Not in Dm. ✓
844								Not in Dm. ✓
845								Not in Dm. ✓
846	+21	4329	20	36.6	+21	57	9.5	✓
847	+22	4156	20	35.9	+22	15	9.5	✓
848	+22	4158	20	36.2	+22	9	9.2	✓
849	+22	4159	20	36.3	+22	18	9.2	✓
850	+22	4162	20	36.7	+22	7	8.8	✓

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1932phae.proj.227aC

Nov. 22, 1932

M7 8114

F.C.

851	3	$g5^-$
852	1	$K5^-$
853	5	K0
854	2	$F5^-$
855	1	F8
856	1	K2
857	2	F2
858	5	M0
859	2	F0
860	2	K0
861	1	K7
862	1	K0
863	2	$K5^-$
864	5	F8
865	7	a0
866	4	g0
867	1	a3
868	1	$K5^-$
869	2	M0
870	1	$K5^-$
871	1	K2
872	1	$K5^-$
873	2	a0
874	1	~~K~~ F8
875	2	$g5^-$

[Orig 874 is a blend g2 ph. class]

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1932phae.proj.22[illegible]C

I 18851 Dec. 6, 1932

851								Not in Dm. ✓
852	+21°	4332	20h	36.9m	+21°	54′	9.5	✓
853	+21	4334	20	37.2	+22	0	8.7	✓
854								Not in Dm. ✓
855								Not in Dm. ✓
856								Not in Dm. ✓
857								Not in Dm. ✓
858	+21	4341	20	37.8	+21	57	8.8	✓
859								Not in Dm. ✓
860	+22	4168	20	38.2	+22	15	9.5	✓
861								Not in Dm. ✓
862								Not in Dm. ✓
863								Not in Dm. ✓
864	+22	4169	20	38.4	+22	39	9.0	✓
865	+22	4170	20	38.4	+22	40	8.7	✓
866	+22	4166	20	38.0	+22	44	9.0	✓
867								Not in Dm. ✓
868								Not in Dm. ✓
869	+22	4164	20	37.1	+22	45	8.8	✓
870								Not in Dm. ✓
871								Not in Dm. ✓
872								Not in Dm. ✓
873								Not in Dm. ✓
874								Not in Dm. ✓
875	+22	4160	20	36.4	+22	45	9.5	✓

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1932phae.proj.227MC

Nov. 22, 1932

M7 8114

F.C.

~~875~~	~~2~~	~~g5~~
876	2	a5
877	2	g0
878	2	a3
879	2	F0
880	2	g5
881	6	a2
882	1	F8
883	2	g5
884	2	F0
885	4	K0
886	3	g5
887	4	m0
888	2	a3
889	2	K5
890	2	K7
891	3	K0
892	4	K0
893	5	a5
894	5	a7
895	8	B8
896	4	F8
897	1	F2
898	4	K7
899	3	a7
900	1	K0

[Should be on fore. page]

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1932phae.proj.22240C

I 18851 Dec. 6, 1932

876								Not in Dm. ✓
877	+22°	4157	20	36.1	+22°	38'	9.5−	✓
878								Not in Dm. ✓
879								Not in Dm. ✓
880								Not in Dm. ✓
881	+22	4152	20	35.2	+22	58	9.2	✓
882								Not in Dm. ✓
883								Not in Dm. ✓
884								Not in Dm. ✓
885	+23	4100	20	34.6	+23	8	9.5−	✓
886								Not in Dm. ✓
887	+23	4098	20	34.4	+23	11	9.0	✓
888								Not in Dm. ✓
889								Not in Dm. ✓
890								Not in Dm. ✓
891	+23	4097	20	34.3	+23	29	9.5−	✓
892	+23	4099	20	34.5	+23	21	9.3	✓
893	+23	4102	20	35.0	+23	19	9.5−	
894	+23	4104	20	35.1	+23	20	9.5−	
895	+23	4106	20	35.3	+23	31	8.7	✓
896								Not in Dm. ✓
897								Not in Dm. ✓
898	+23	4108	20	35.6	+23	28	9.5−	✓
899								Not in Dm. ✓
900								Not in Dm. ✓

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1932phae.proj.227MC

Nov. 23, 1932

NF 8114

F.C.

901	7	F8
902	1	g
903	1	a7
904	1	a
905	6	B9
906	5	B9
907	5	B9
908	4	a3
909	2	a2
910	4	a2
911	4	K2
912	2	a3
913	2	M0
914	5	a0
915	4	a0
916	7	a0
917	2	a0
918	5	a2
919	7	a0
920	1	K0
921	1	F8
922	1	g5
923	3	K2
924	7	F8
925	3	g0

on D 9053 a0
Superposed on h. star. Look up.

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1932phae.proj.2273C

I 41476 Dec. 6, 1932

				h	m		'		
901	+23°	4109	20		36.1	+23°	9	8.7	
902									Not in Dm.
903									Not in Dm.
904									Not in Dm.
905	+23	4113	20		36.3	+23	30	9.3	
906	+23	4114	20		36.4	+23	21	9.2	
907	+23	4115	20		36.4	+23	14	9.4	
908									Not in Dm.
909									Not in Dm.
910									Not in Dm.
911	+23	4118	20		37.0	+23	16	9.2	
912									Not in Dm.
913	+23	4116	20		36.7	+23	40	9.0	
914	+23	4117	20		36.8	+23	30	9.0	
915									Not in Dm.
916	+23	4122	20		37.2	+23	24	9.2	
917									Not in Dm.
918	+23	4120	20		37.1	+23	8	9.4	
919	+23	4123	20		37.4	+23	11	9.0	
920									Not in Dm.
921									Not in Dm.
922									Not in Dm.
923	+22	4167	20		38.2	+22	07	9.2	
924	+23	4127	20		38.1	+23	25	8.6	
925									Not in Dm.

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1932phae.proj.22744C

Nov. 23, 1932

M7 8114

7.C.

926	5	F0
927	3	M0
928	4	g5
929	4	a0
930	3	a5
931	2	F5
932	2	F8
933	5	a0
934	2	g5
935	3	K2
936	2	F5
937	1	a5
938	6	a2
939	1	K2
940	1	F2
941	2	K7
942	3	a3
943	1	F2
944	8	K0
945	2	F2
946	3	g0
947	3	a5
948	1	F0
949	4	F0
950	6	F0

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1932phae.proj.22721C

I 41476 Dec. 6, 1932

			h	m				
926	+23°	4131	20	38.4	+23°	12′	9.5⁻	
927	+23	4133	20	38.5⁻	+23	10	9.1	
928	+23	4134	20	38.6	+23	17	9.5⁻	
929								hot in Dm.
930	+23	4136	20	38.7	+23	3	9.5⁻	
931								hot in Dm.
932								hot in Dm.
933	+22	4171	20	38.5⁻	+22	59	9.3	
934								hot in Dm.
935⁻	+22	4172	20	38.7	+22	44	9.4	
936								hot in Dm.
937								hot in Dm.
938	+22	4174	20	39.1	+22	47	9.4	
939								hot in Dm.
940								hot in Dm.
941	+22	4177	20	39.4	+22	48	9.4	
942								hot in Dm.
943								hot in Dm.
944	+22	4173	20	39.10	+22	14	8.6	
945⁻								hot in Dm.
946	+22	4175⁻	20	39.2	+22	20	9.5⁻	
947								hot in Dm.
948								hot in Dm.
949	+21	4344	20	30.1	+21	57	9.5⁻	
950	+21	4345⁻	20	39.2	+21	57	9.1	

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1932phae.proj.227.MC

Nov. 23, 1932

8114
M7 ~~8133~~.

F.C.

951	5	M1
952	2	A2
953	2	F8
954	5	A3
955	2	G5
956	2	G0
957	1	G5
958	4	F2
959	2	K2
960	7	F0
961	2	F8
962	1	K2
963	4	K0
964	4	G0
965	2	F0
966	5	K2
967	2	K5
968	2	K0
969	2	G5
970	1	K5
971	5	M2
972	1	K0
973	1	K0
974	1	K2
975	1	F5

~~K. of 2?~~

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1932phae.proj.22741C

I 41476 Dec. 6, 1932

			h	m		'		
951	+22°	4179	20	39.4	+22°	3	8.9	
952								Not in Dm.
953								Not in Dm.
954								Not in Dm.
955								Not in Dm.
956								Not in Dm.
957								Not in Dm.
958	+22	4182	20	39.9	+22	10	9.3	
959	+22	4181	20	39.9	+22	18	9.4	
960	+22	4183	20	39.9	+22	25	9.3	
961								Not in Dm.
962	+22	4185	20	40.3	+22	17	9.5	
963	+22	4184	20	40.3	+22	22	9.4	
964	+22	4186	20	40.4	+22	2	9.2	
965								Not in Dm.
966	+22	4188	20	40.8	+22	20	8.8	
967	+22	4191	20	41.0	+22	13	9.5	
968	+21	7351	20	40.7	+21	45	9.3	
969	+21	4352	20	40.8	+21	44	9.2	
970								Not in Dm.
971	+21	4356	20	41.4	+21	44	8.3	
972	+21	4353	20	41.0	+21	23	9.5	
973	+21	4354	20	41.3	+21	23	9.5	
974								Not in Dm.
975								Not in Dm.

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1932phae.proj.227MC

Nov. 23,

M7 8114

7.C.

976	2	a_0
977	3	K_0
978	3	g_0
979	4	F_0
980	4	g_5
981	7	a_2
982	4	K_0
983	1	a_5
984	3	g_0
985	7	a_3
986	1	a
987	2	a_7
988	2	K_0
989	2	K_0
990	1	K_0
991	1	F_5 h. of 2
992	4	F_2
993	5	F_0
994	7	a_7
995	7	F_8
996	5	K_0
997	1	F_5
998	2	K_0
999	3	K_0
1000	2	F_8

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1932phae.proj.22731C

I 44476 Dec. 6, 1932

			h				
976							Not in Dm.
977	+21°	4359	20	41.8	+21°	23'	9.1
978	+21	4358	20	41.8	+21	15	9.5
979	+21	4357	20	41.6	+21	51	9.5
980	+21	4360	20	42.0	+21	56	9.5
981	+21	4365	20	42.5	+21	50	8.8
982	+21	4367	20	42.7	+21	48	9.5
983	+21	4370	20	42.8	+21	43	9.5
984	+21	4371	20	42.9	+21	36	9.4
985	+21	4363	20	42.1	+21	35	8.3
986	+21	4361	20	42.0	+21	8	9.5
987	+21	4364	20	42.2	+21	10	9.4
988	+21	4368	20	42.7	+21	14	9.4
989	+21	4369	20	42.8	+21	3	9.5
990							Not in Dm.
991							Not in Dm.
992	+20	4725	20	43.5	+20	44	9.4
993	+21	4377	20	43.8	+21	1	9.0
994	+20	4729	20	43.9	+20	54	8.8
995	+21	4376	20	43.6	+21	23	8.7
996	+21	4374	20	43.2	+21	13	9.0
997							Not in Dm.
998	+20	4735	20	44.7	+20'	0	9.4
999	+21	4381	20	44.5	+21	8	9.3
1000							Not in Dm.

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1932phae.proj.2274C

58

Nov 23, 1932

M7 811.4--

F.C.

1001	1	K5-
1002	1	g5-
1003	1	K5-
1004	6	a3
1005	1	K7
1006	3	F5-
1007	1	K7
1008	1	g0
1009	3	K0
1010	2	a0
1011	2	F5-
1012	1	F5-
1013	1	a2
1014	1	K0
1015	1	K0
1016	2	K0
1017	1	K0
1018	2	g0
1019	1	F5-
1020	4	K0
1021	2	F8
1022	4	K5-
1023	1	K0
1024	3	g5-
1025	1	g0

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1932phae.proj.22..C

M7 934 Dec. 6, 1932

1001	+21°	4383	20h	45.0	+21°	1′	9.3	
1002	+21	4385	20	45.2	+21	15	9.5	
1003								Not in Dm.
1004	+21	4378	20	43.7	+21	43	9.0	
1005	+21	4375	20	43.4	+21	41	9.5	
1006	+21	4372	20	43.1	+21	48	9.5	
1007	+21	4373	20	43.1	+21	58	9.5	
1008								Not in Dm.
1009	+22	4204	20	42.4	+22	6	9.5	
1010								Not in Dm.
1011	+22	4200	20	42.2	+22	18	9.5	
1012								Not in Dm.
1013								Not in Dm.
1014								Not in Dm.
1015								Not in Dm.
1016								Not in Dm.
1017	+22	4196	20	41.6	+22	23	9.5	
1018								Not in Dm.
1019								Not in Dm.
1020	+22	4198	20	42.1	+22	35	8.6	
1021								Not in Dm.
1022	+22	4197	20	42.0	+22	55	9.3	
1023								Not in Dm.
1024	+22	4201	20	42.4	+22	39	9.5	
1025	+22	4202	20	42.4	+22	43	9.5	

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1932phae.proj.2274C

Nov. 23, 1932

M7 8114

F.C.

1026	1	K5-
1027	3	M0
1028	3	K5-
1029	3	a5-
1030	1	F0
1031	1	F0
1032	2	g0
1033	1	a7
1034	3	g5-
1035	1	K5-
1036	1	g0
1037	4	K0
1038	4	M0
1039	5	F5-
1040	2	F8
1041	1	g5-
1042	2	K0
1043	2	K0
1044	2	g5-
1045	1	F5-
1046	1	g0
1047	2	K0
1048	1	a7
1049	3	g0
1050	3	K0

n. of 2

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1932phae.proj.227C

M7 934 Dec. 6, 1932

1026	+22°	4205	20h	42.6m	+22°	40′	9.5	~~not in Dm.~~
1027	+22	4207	20	42.7	+22	36	9.1	
1028	+22	4206	20	42.7	+22	42	9.2	
1029	+22	4208	20	42.8	+22	38	9.5	
1030	+22	4210	20	43.1	+22	20	9.5	either may be identical as +22° 4210
1031								
1032	+22	4209	20	43.0	+22	11	9.5	~~not~~
1033								not in Dm.
1034								not in Dm.
1035	+22	4211	20	43.6	+22	13	9.4	
1036								not in Dm.
1037	+22	4216	20	44.0	+22	13	9.3	
1038	+22	4214	20	44.0	+22	2	8.8	
1039	+21	4379	20	44.0	+21	54	9.2	
1040								not in Dm.
1041								not in Dm.
1042	+21	4380	20	44.4	+22	0	9.5	
1043	+21	4382	20	44.6	+21	55	9.4	
1044								not in Dm.
1045								not in Dm.
1046	+21	4384	20	45.1	+21	38	9.5	
1047								not in Dm.
1048	+21	4386	20	45.3	+21	38	9.5	
1049	+21	4389	20	45.6	+21	54	9.5	
1050	+21	4388	20	45.4	+21	58	9.4	

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1932phae.proj.227:C

Nov. 23, 1932

M7 8114.

F.C.

1051	2	K5
1052	4	M0
1053	1	g0
1054	3	g0
1055	2	F8
1056	4	a2
1057	2	a2
1058	4	g0
1059	2	F8
1060	1	F5
1061	3	g5
1062	3	g0
1063	1	g0
1064	2	F2
1065	1	g5
1066	2	F0
1067	2	K7
1068	5	F8
1069	2	F0
1070	1	F5
1071	1	g0
1072	1	K0
1073	2	g5
1074	1	K7
1075	2	g0

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1932phae.proj.2273C

M7 934 Dec. 6, 1932

1051								Not in Dm.
1052	+22°	4221	20h	45.0m	+22°	5′	8.6	
1053								Not in Dm.
1054	+22	4224	20	46.0	+22	5	9.4	
1055	+22	4227	20	46.2	+22	4	9.5	
1056	+22	4228	20	46.4	+22	25	9.4	
1057								Not in Dm.
1058	+22	4230	20	47.2	+22	11	9.1	
1059	+22	4229	20	46.5	+22	36	9.5	
1060								Not in Dm.
1061	+22	4225	20	46.1	+22	45	9.4	
1062	+22	4226	20	46.2	+22	52	9.5	
1063								Not in Dm.
1064								Not in Dm.
1065								Not in Dm.
1066								Not in Dm.
1067	+22	4233	20	47.8	+22	45	9.2	
1068	+22	4235	20	48.1	+22	39	9.0	
1069								Not in Dm.
1070								Not in Dm.
1071								Not in Dm.
1072								Not in Dm.
1073								Not in Dm.
1074	+22	4242	20	49.6	+22	28	9.3	
1075	+22	4243	20	49.6	+22	31	9.5	

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1932phae.proj.227:C

Nov. 23, 1932

M7 8114

F.C.

1076	2	g5⁻
1077	3	F0
1078	2	F8
1079	1	K2
1080	2	F8
1081	1	K7
1082	1	K7
1083	1	g0
1084	1	F8
1085	2	a0
1086	6	K0
1087	3	K0
1088	2	F5⁻
1089	3	F8
1090	3	a2
1091	1	K7
1092	4	a5⁻
1093	3	F2
1094	6	a3
1095	1	F8
1096	1	K5⁻
1097	5	K0
1098	7	a0
1099	6	g0
1100	1	K5

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1932phae.proj.2273C

M7934 Dec. 6, 1932

1076								Not in Dm.
1077	+22°	4245	20h	50.1m	+22°	10'	9.5-	
1078	+22	4246	20	50.2	+22	9	9.5-	~~Not in Dm.~~
1079								Not in Dm.
1080								Not in Dm.
1081								Not in Dm.
1082								Not in Dm.
1083								Not in Dm.
1084								Not in Dm.
1085								Not in Dm.
1086	+21	4414	20	49.7	+21	13	8.1	
1087	+21	4412	20	49.6	+21	17	9.4	
1088								Not in Dm.
1089	+20	4771	20	49.6	+20	59	9.5-	
1090	+20	4769	20	49.3	+20	58	9.3	
1091	+20	4765	20	48.6	+20	56	9.5-	
1092	+20	4766	20	48.8	+20	44	9.5-	
1093								Not in Dm.
1094	+20	4768	20	49.2	+20	34	8.7	
1095								Not in Dm.
1096	+20	4774	20	49.8	+20	46	9.4	
1097	+20	4775	20	50.0	+20	45-	9.0	
1098	+20	4776	20	50.2	+20	35-	8.6	
1099	+20	4777	20	50.3	+20	55-	8.8	
1100	+21	4416	20	50.6	+21	2	9.3	

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1932phae.proj.227.MC

Nov. 28, 1932

M 7 8114

F.C.

1101	5	a3
1102	2	a2
1103	1	F8
1104	2	F5
1105	2	g0
1106	1	g0
1107	6	a2
1108	1	a3
1109	1	g5
1110	2	K0
1111	1	F0
1112	1	K7
1113	1	F5
1114	1	g5
1115	2	a7
1116	2	F5
1117	1	g0
1118	2	F0
1119	2	g5
1120	6	a0
1121	4	g5
1122	4	K0
1123	5	K0
1124	1	F8
1125	1	g0

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1932phae.proj.227dC

I 23645 Dec. 7, 1932

1101	+23°	4019	20h	20.0m	+23°	49′	g.3	
1002								Not in Dm.
1103								Not in Dm.
1104	+24	4131	20	20.5	+24	1	g.5-	
1105	+24	4132	20	20.6	+24	8	g.3	
1106								Not in Dm.
1107	+24	4133	20	20.8	+24	11	g.2	
1108								Not in Dm.
1109								Not in Dm.
1110								Not in Dm.
1111								Not in Dm.
1112								Not in Dm.
1113								Not in Dm.
1114								Not in Dm.
1115								Not in Dm.
1116								Not in Dm.
1117								Not in Dm.
1118								Not in Dm.
1119								Not in Dm.
1120	+23	4026	20	21.5	+23	33	g.5-	
1121	+23	4025	20	21.5	+23	43	g.5-	
1122								Not in Dm.
1123	+23	4027	20	21.8	+23	39	g.4	
1124								Not in Dm.
1125								Not in Dm.
42								

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1932phae.proj.227.C

Nov. 28, 1932

DM7-8114

F.C.

1126	1	g0
1127	4	g0
1128	3	F5-
1129	3	F8
1130	4	K0
1131	7	a0
1132	4	F0
1133	1	a5-
1134	2	g0
1134a	2	g0
1135	7	a2
1136	2	K7
1137	2	K0
1138	3	g0
1139	1	g5
1140	3	K2
1141	1	g5
1142	4	a0
1143	1	K
1144	2	g0
1145	1	K5-
1146	1	a
1147	1	F8
1148	4	g0
1149	2	F5-
1150	5	a2

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1932phae.proj.227.C

I 23645 Dec. 7, 1932

1126								Not in Dm.
1127								Not in Dm.
1128								Not in Dm.
1129								Not in Dm.
1130	+23°	4028	20h	22.1m	+23°	28′	9.5	
1131	+23	4030	20	22.4	+23	36	9.1	
1132								Not in Dm.
1133								Not in Dm.
1134	+23	4032	20	22.5	+23	25	9.4	either may be identical as +23° 4032
1134a	+23	4031	20	22.5	+23	21	9.3	
1136	+23	4033	20	22.6	+23	33	9.4	
1137								Not in Dm.
1138								Not in Dm.
1139								Not in Dm.
1140	+23	4035	20	23.1	+23	22	9.5	
1141								Not in Dm.
1142	+23	4036	20	23.3	+23	35	9.5	
1143								Not in Dm.
1144								Not in Dm.
1145								Not in Dm.
1146								Not in Dm.
1147								Not in Dm.
1148								Not in Dm.
1149								Not in Dm.
1150								Not in Dm.

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1932phae.proj.2274C

Nov. 28, 1932

M 7 8114

F.C.

1151	2	a_3
1152	2	K_5^-
1153	1	K_7
1154	4	K_2
1155	2	K_5^-
1156	2	K_5^-
1157	2	a_5^-
1158	1	F_2
1159	3	g_5
1160	3	F_5^-
1161	1	F_8
1162	5-	F_8
1163	2	K_7
1164	1	F_5^-
1165	3	K_7
1166	5-	a_0
1167	5-	F_5^-
1168	5-	g_0
1169	2	a_0
1170	4	K_0
1171	3	a_5^-
1172	2	g_0
1173	2	g_5^-
1174	3	F_0
1175	2	K_5^-

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1932phae.proj.2274C

I 23645

Dec. 7, 1932

1151								Not in Dm.
1152								Not in Dm.
1153								Not in Dm.
1154	+23°	4034	20h	22.8	+23°	52′	9.5	
1155								Not in Dm.
1156								Not in Dm.
1157								Not in Dm.
1158								Not in Dm.
1159								Not in Dm.
1160								Not in Dm.
1161								Not in Dm.
1162	+23	4024	20	21.4	+23	56	9.5	
1163								Not in Dm.
1164								Not in Dm.
1165	+24	4135	20	21.4	+24	32	9.3	
1166								Not in Dm.
1167	+24	4138	20	21.7	+24	25	9.3	
1168	+24	4139	20	21.8	+24	34	9.3	
1169								Not in Dm.
1170	+24	4140	20	21.8	+24	42	9.3	
1171								Not in Dm.
1172								Not in Dm.
1173								Not in Dm.
1174								Not in Dm.
1175								Not in Dm.
*								

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1932phae.proj.22744C

Nov. 28, 1932

M7 8114

F.C.

1176	2	K7
1177	2	K2
1178	5-	a2
1179	2	F5-
1180	2	a7
1181	2	g0
1182	2	K0-
1183	1	F8
1184	2	F5-
1185	1	g5-
1186	4	a5-
1187	2	K5-
1188	4	a0
1189	3	K0
1190	1	g
1191	2	g
1192	1	K7
1193	2	g0
1194	1	g0
1195	4	K5-
1196	6	K0
1197	2	K0
1198	1	g
1199	2	F5-
1200	2	g5 K2

h. of 2

n. of 2

fol. of 2

(Many stars faint obs.)

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1932phae.proj.227aC

I 23645 Dec. 7, 1932

1176								Not in Dm.
1177								Not in Dm.
1178	+24°	4147	20	23.6	+24°	17	9.5	
1179								Not in Dm.
1180								Not in Dm.
1181								Not in Dm.
1182	+24	4152	20	24.0	+24	14	9.5	
1183								Not in Dm.
1184								Not in Dm.
1185								Not in Dm.
1186								Not in Dm.
1187								Not in Dm.
1188	+23	4040	20	24.7	+23	33	9.5	
1189	+23	4043	20	24.8	+23	32	9.4	
1190								Not in Dm.
1191								Not in Dm.
1192								Not in Dm.
1193								Not in Dm.
1194								Not in Dm.
1195	+23	4048	20	25.6	+23	26	9.3	
1196	+23	4047	20	25.5	+23	36	8.9	
1197	+23	4042	20	24.8	+23	57	9.5	
1198								Not in Dm.
1199								Not in Dm.
1200								Not in Dm.

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1932phae.proj.2274C

Nov. 28, 1932

M 7 8144

F. .

7.C.

1201	1	K7	
1202	2	F8	
1203	3	K2	
1204	3	a5	
1205	4	g0	
1206	1	g0	
1207	2	F0	
1208	7	a0	
1209	2	a7	
1210	3	a0	
1211	1	K7	
1212	1	K0	
1213	2	F8	
1214	2	g	Brightest of 3
1215	1	m0	
1216	1	F0	
1217	2	K0	
1218	1	m0	
1219	4	K2	
1220	6	g0	
1221	2	K5	
1222	8	F2	
1223	2	a2	
1224	1	g0	
1225	1	K0	

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1932phae.proj.2274C

I 23645 Dec. 7, 1932

1201								Not in Dm.
1202	+23°	4044	20h	25.2	+23°	57′	9.5	
1203								Not in Dm.
1204								Not in Dm.
1205								Not in Dm.
1206								Not in Dm.
1207								Not in Dm.
1208	+23	4049	20	26.0	+23	36	9.5	
1209								Not in Dm.
1210								Not in Dm.
1211								Not in Dm.
1212								Not in Dm.
1213								Not in Dm.
1214								Not in Dm.
1215								Not in Dm.
1216								Not in Dm.
1217								Not in Dm.
1218								Not in Dm.
1219	+24	4156	20	25.8	+24	8	9.4	
1220	+24	4155	20	25.7	+24	15	9.5	
1221	+24	4154	20	25.3	+24	14	9.2	
1222								Not in Dm.
1223								Not in Dm.
1224								Not in Dm.
1225								Not in Dm.

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1932phae.proj.227MC

Nov. 28, 1932

M78114.

7.C.

1226	1	g_0
1227	3	K_7
1228	6	K_0
1229	1	a_0
1230	5	a_3
1231	3	a_0
1232	1	K_7
1233	1	K_5
1234	3	g_0
1235	7	a_3
1236	4	K_0
1237	1	K_0
1238	~~7~~	~~K_0~~ (Orig. 1238 = 2 stars blended. Can not be measured)
1239	2	a_3
1240	4	a_3
1241	2	a_2
1242	1	K_7
1243	1	K_7
1244	1	K_0
1245	2	F_0
1246	1	K_5
1247	3	K_7
1248	2	K_2
1249	5	K_7
1250	1	K_5

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1932phae.proj.2273C

I 23645

Dec. 7, 1932

1226								Not in Dm.
1227								Not in Dm.
1228	+24°	4153	20h	24.2m	+24°	28′	9.1	
1229								Not in Dm.
1230								Not in Dm.
1231								Not in Dm.
1232								Not in Dm.
1233								Not in Dm.
1234								Not in Dm.
1235	+24	4158	20	25.9	+24	50	9.5	
1236								Not in Dm.
1237								Not in Dm.
1238	+25	4277	20	26.9	+25	5	8.9	
1239								Not in Dm.
1240								Not in Dm.
1241								Not in Dm.
1242								Not in Dm.
1243								Not in Dm.
1244								Not in Dm.
1245								Not in Dm.
1246								Not in Dm.
1247	+23	4052	20	27.0	+23	30	9.5	
1248								Not in Dm.
1249	+23	4053	20	27.3	+23	24	9.2	
1250								Not in Dm.

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1932phae.proj.22724C

Nov. 28, 1932

M7 8114

F.C.

1251	1	g0
1252	8	K0
1253	2	a2
1254	2	F8
1255	2	K5
1256	2	K7
1257	3	K5
1258	3	F0
1259	2	a3
1260	2	g0
1261	2	K5
1262	5	F0
1263	4	F8
1264	7	F2
1265	4	F0
1266	2	a7
1267	2	K7
1268	4	g5
1269	1	K7
1270	4	a5
1271	2	K7
1272	4	K5
1273	1	K2
1274	3	g0
1275	3	F0

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1932phae.proj.22[illegible]C

I 23645 Dec. 7, 1932

1251							Not in Dm.
1252	+23°	4054	20h	27.5m	+23°	42'	8.5
1253							Not in Dm.
1254							Not in Dm.
1255	+23	4056	20	27.9	+23	44	9.5
1256							Not in Dm.
1257	+23	4059	20	28.2	+23	14	9.4
1258							Not in Dm.
1259							Not in Dm.
1260							Not in Dm.
1261	+23	4057	20	28.1	+23	30	9.4
1262	+23	4058	20	28.1	+23	38	9.4
1263							Not in Dm.
1264	+23	4060	20	28.4	+23	31	9.0
1265							Not in Dm.
1266							Not in Dm.
1267	+23	4061	20	28.5	+23	31	9.5
1268	+23	4063	20	28.6	+23	31	9.4
1269	+23	4064	20	28.7	+23	41	9.5
1270	+23	4066	20	28.7	+23	43	9.5
1271							Not in Dm.
1272	+24	4172	20	28.7	+24	2	9.5
1273							Not in Dm.
1274							Not in Dm.
1275							Not in Dm.

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1932phae.proj.22724C

Nov. 28, 1932

M7 8114

F.C.

1276	6	A3
1277	8	F0
1278	1	F2
1279	1	F2
1280	4	K0
1281	2	K2
1282	2	K5
1283	6	G5
1284	4	G5
1285	1	K7
1286	1	K0
1287	1	M0
1288	3	K5
1289	3	F0
1290	7	B8
1291	2	G0
1292	2	A0
1293	3	K0
1294	3	F5
1295	1	F2
1296	5	K0
1297	2	F8
1298	2	F5
1299	1	K7
1300	7	A2

Indistinct

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1932phae.proj.2273C

I 23645 Dec. 7, 1932

			h	m		'		
1276	+24°	4169	20	28.2	+24°	9'	9.4	
1277	+24	4168	20	28.2	+24	3	9.0	
1278								Not in Dm.
1279								Not in Dm.
1280	+23	4055	20	27.9	+23	58	9.0⁻	
1281								Not in Dm.
1282								Not in Dm.
1283	+24	4162	20	27.4	+24	8	9.3	
1284	+24	4161	20	27.2	+24	10	9.0⁻	
1285	+24	4159	20	26.9	+24	11	9.0⁻	
1286								Not in Dm.
1287								Not in Dm.
1288	+24	4163	20	27.6	+24	28	9.0⁻	
1289								Not in Dm.
1290	+24	4166	20	27.9 ~~28.0~~	+24	33	9.2	
1291	+24	4167	20	28.0	+24	37	9.0⁻	
1292								Not in Dm.
1293	+24	4171	20	28.6	+24	21	9.0⁻	
1294								Not in Dm.
1295								Not in Dm.
1296	+24	4176	20	29.0	+24	13	9.0	
1297								Not in Dm.
1298								Not in Dm.
1299								Not in Dm.
1300	+24	4178	20	29.2	+24	2	9.2	

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1932phae.proj.227mc

Nov. 29, 1932

NGC 7814.

7.C.

1301	6	K5
1302	5	F2
1303	3	g5
1304	2	K0
1305	6	F0
1306	4	g0
1307	1	F8
1308	2	g5
1309	2	M0
1310	7	K0
1311	2	g0
1312	2	a2
1313	1	g0
1314	1	a3
1315	1	g0
1316	1	g5
1317	1	K0
1318	4	a5
1319	2	g5
1320	2	a2
1321	5	F2
1322	1	K0
1323	3	F2
1324	3	a2
1325	3	K0

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1932phae.proj.227aC

I 1587 Dec. 7, 1932

1301	+24°	4181	20h	29.4m	+24°	7′	g.2	
1302								Not in Dm.
1303								Not in Dm.
1304								Not in Dm.
1305	+24	4185	20	29.9	+24	14	g.4	
1306								Not in Dm.
1307								Not in Dm.
1308								Not in Dm.
1309								Not in Dm.
1310	+23	4071	20	30.0	+23	30	g.1	
1311								Not in Dm.
1312								Not in Dm.
1313								Not in Dm.
1314								Not in Dm.
1315								Not in Dm.
1316								Not in Dm.
1317								Not in Dm.
1318	+23	4079	20	31.0	+23	48	g.5−	
1319								Not in Dm.
1320								Not in Dm.
1321	+23	4081	20	31.6	+23	40	g.5−	
1322								Not in Dm.
1323								Not in Dm.
1324								Not in Dm.
1325	+23	4086	20	31.4	+23	53	g.5−	

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1932phae.proj.227MC

Nov. 29, 1932

M7 8114.

7.C.

1326	2	F5
1327	2	F0
1328	8	a 2
1329	8	F5
1330	1	F5
1331	2	g0
1332	1	K0
1333	1	F8
1334	2	K2
1335	1	g0
1336	4	a3
1337	4	K0
1338	5	a7
1339	1	K7
1340	1	K0
1341	5	F2
1342	2	g0
1343	6	K0
1344	4	F0
1345	1	K7
1346	1	F8
1347	1	F5
1348	1	g5
1349	1	F5
1350	1	g0

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1932phae.proj.227C

I 15879 Dec. 7, 1932

1326								Not in Dm.
1327								Not in Dm.
1328	+23°	4088	20h	32.7m	+23°	52′	9.0	
1329	+23	4090	20	32.8	+23	55	8.6	
1330								Not in Dm.
1331								Not in Dm.
133–								Not in Dm.
1333								Not in Dm.
1334								Not in Dm.
1335								Not in Dm.
1336								Not in Dm.
1337	+23	4096	20	34.2	+23 4	0	9.5	
1338								Not in Dm.
1339								Not in Dm.
1340								Not in Dm.
1341	+23	4101	20	34.8	+23	46	9.5	
1342								Not in Dm.
1343	+23	4103	20	35.0	+23	41	9.5	
1344								Not in Dm.
1345								Not in Dm.
1346								Not in Dm.
1347								Not in Dm.
1348								Not in Dm.
1349								Not in Dm.
1350								Not in Dm.

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1932phae.proj.227MC

Nov. 29, 1932

DM 78114

F.C.

1351	3	g5	
1352	3	F8	2 stars?
1353	2	g0	
1354	1	g0	
1355	1	g5	
1356	2	a7	
1357	7	K0	
1358	1	F5	
1359	1	K0	
1360	4	a3	
1361	1	F5	
1362	6	F8	
1363	2	g5	
1364	4	g0	
1365	3	K0	
1366	8	F5	
1367	8	B9	
1368	6	K0	
1369	3	Mo	
1370	2	a5	
1371	1	K7	
1372	4	K0	
1373	1	K2	
1374	7	F5	
1375	3	a3	

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1932phae.proj.2274C

I 15879 Dec. 7, 1932

1351								Not in Dm.
1352								Not in Dm.
1353								Not in Dm.
1354								Not in Dm.
1355								Not in Dm.
1356								Not in Dm.
1357	+24°	4207	20h	33.6m	+24°	21′	8.7	
1358								Not in Dm.
1359								Not in Dm.
1360								Not in Dm.
1361								Not in Dm.
1362	+24	4206	20	32.6	+24	31	9.4	
1363								Not in Dm.
1364								Not in Dm.
1365	+24	4204	20	32.1	+24	1	9.4	
1366	+24	4200	20	31.8	+24	8	8.5	
1367	+24	4199	20	31.7	+24	4	8.9	
1368	+24	4198	20	31.4	+24	0	8.9	
1369	+24	4196	20	31.3	+24	8	9.3	
1370	+24	4190	20	30.7	+24	3	9.5	
1371								Not in Dm.
1372	+24	4192	20	30.9	+24	11	9.5	
1373								Not in Dm.
1374	+24	4189	20	30.6	+24	13	9.0	
1375								Not in Dm.

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1932phae.proj.227MC

Nov. 29, 1932

M7-8114.

7.C.

1376	3	F8
1377	1	K0
1378	8	a0
1379	1	g0
1380	3	K5
1381	1	F5
1382	5	K2
1383	4	K0
1384	6	a0
1385	1	K0
1386	4	F5
1387	6	F5
1388	6	g0
1389	4	K2
1390	4	a3
1391	4	g0
1392	6	B9
1393	7	F5
1394	1	F5
1395	1	F8
1396	4	B8
1397	7	K0
1398	6	F2
1399	3	K5
1400	2	F0

4026 + K both strong

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1932phae.proj.227aC

I 15879 Dec. 7, 1932

1376	+24°	4186	20h	30.1	+24°	24'	9.5	
1377								Not in Dm.
1378	+24	4177	20	29.2	+24	28	9.0	
1379								Not in Dm.
1380	+24	4180	20	29.4	+24	39	9.5	
1381								Not in Dm.
1382	+24	4179	20	29.2	+24	40	9.4	
1383	+24	4175	20	28.9	+24	48	9.5	
1384	+24	4174	20	28.7	+24	43	9.5	
1385	+24	4170	20	28.6	+24	44	9.5	
1386	+24	4173	20	28.7	+24.5	0	9.5	
1387	+25	4291	20	28.7	+25	6	9.4	
1388	+25	4292	20	29.3	+25	8	9.3	
1389	+25	4294	20	29.3	+25	4	9.2	
1390								Not in Dm.
1391	+24	4182	20	29.5	+24	53	9.5	
1392	+24	4187	20	30.3	+24	46	9.2	
1393	+24	4184	20	29.9	+24	33	9.0	
1394								Not in Dm.
1395								Not in Dm.
1396	+24	4188	20	30.6	+24	28	9.5	
1397	+24	4194	20	31.2	+24	27	8.8	
1398	+24	4195	20	31.3	+24	31	9.1	
1399	+24	4197	20	31.4	+24	29	9.1	
1400								Not in Dm.

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1932phae.proj.22744C

Nov. 29, 1932

M 78114

7.C.

1401	3	A0
1402	7	G5
1403	6	F5
1404	1	F0
1405	4	K0
1406	4	G0
1407	1	F0
1408	5	A5
1409	5	A0
1410	1	K5
1411	2	A7
1412	1	K5
1413	1	F8
1414	1	G5
1415	2	K5
1416	5	K0
1417	5	F0
1418	2	K0
1419	2	A3
1420	1	G5
1421	3	G0
1422	2	F5
1423	2	F0
1424	1	K7
1425	3	F5

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1932phae.proj.227aC

I 15879 Dec. 8, 1932

			h	m				
1401								Not in Dm.
1402	+24°	4202	20	31.9	+24°	40'	8.1	
1403	+24	4203	20	31.9	+24	46	8.6	
1404								Not in Dm.
1405	+24	4201	20	31.9	+24	55-	9.4	
1406	+25	4307	20	31.8	+25-	3	9.5	
1407								Not in Dm.
1408	+24	4193	20	30.9	+24	55-	9.4	
1409	+24	4191	20	30.9	+24	58	9.4	
1410								Not in Dm.
1411								Not in Dm.
1412								Not in Dm.
1413								Not in Dm.
1414								Not in Dm.
1415								Not in Dm.
1416	+25-	4298	20	29.9	+25-	12	9.5-	
1417	+25-	4297	20	29.7	+25-	3	9.5-	
1418								Not in Dm.
1419								Not in Dm.
1420								Not in Dm.
1421								Not in Dm.
1422								Not in Dm.
1423								Not in Dm.
1424								Not in Dm.
1425-								Not in Dm.

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1932phae.proj.227HC

Nov. 29, 1932

DM 78114

F.C.

1426	1	K2
1427	2	g0
1428	3	K2
1429	2	a5-
1430	1	K2
1431	3	a0
1432	1	g5-
1433	3	K0
1434	3	g0
1435	6	F5-
1436	4	F2
1437	8	a
1438	1	K5-
1439	1	K5-
1440	2	K0
1441	1	g0
1442	1	F5-
1443	7	a3
1444	3	K5-
1445	5	g5-
1446	2	F8
1447	2	a5-
1448	1	g0
1449	3	g5
1450	2	g5-

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1932phae.proj.2274C

I 15879 Dec. 8, 1932

1426								Not in Dm.
1427								Not in Dm.
1428								Not in Dm.
1429								Not in Dm.
1430								Not in Dm.
1431								Not in Dm.
1432								Not in Dm.
1433								Not in Dm.
1434								Not in Dm.
1435	+25°	4308	20	h 32.1 m	+25°	5′	8.7	
1436	+25	4309	20	32.2	+25	4	9.5	
1437	+25	4310	20	32.5	+25	2	8.1	
1438								Not in Dm.
1439								Not in Dm.
1440								Not in Dm.
1441								Not in Dm.
1442								Not in Dm.
1443	+24	4208	20	33.6	+24	44	9.0	
1444	+24	4209	20	33.6	+24	43	9.4	
1445	+24	4210	20	33.8	+24	41	9.5	
1446								Not in Dm.
1447								Not in Dm.
1448								Not in Dm.
1449								Not in Dm.
1450								Not in Dm.

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1932phae.proj.227MC

Nov. 29, 1932

M7-.8114...

7. C.

1451	2	K7
1452	2	g5
1453	1	K5-
1454	1	F8
1455	6	a2
1456	3	K0
1457	3	K5-
1458	3	g5-
1459	4	a2
1460	4	g0
1461	6	B8
1462	1	g0
1463	5-	K0
1464	7	a0
1465	7	B9
1466	2	a5-
1467	3	g0
1468	1	K5-
1469	2	a3
1470	3	a5-
1471	4	a0
1472	1	g5-
1473	2	F5-
1474	5-	K0
1475	1	K2

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1932phae.proj.2274C

I 15879 Dec. 8, 1932

				h	m		°	′		
1451										Not in Dm.
1452										Not in Dm.
1453										Not in Dm.
1454										Not in Dm.
1455	+24°	4211	20		34.4	+24	5	0	9.4	
1456	+25	4327	20		34.2	+25		1	9.4	
1457	+25	4326	20		34.2	+25		4	9.4	
1458	+25	4325	20		34.1	+25		3	9.5	
1459										Not in Dm.
1460	+25	4328	20		34.3	+25		6	9.4	
1461	+25	4332	20		34.8	+25		12	9.4	
1462										Not in Dm.
1463	+24	4214	20		35.4	+24		54	9.2	
1464	+24	4216	20		35.6	+24		50	9.0	
1465	+24	4218	20		36.0	+24		46	8.9	
1466	+24	4215	20		35.6	+24		36	9.5	
1467	+24	4213	20		35.3	+24		32	9.5	
1468										Not in Dm.
1469										Not in Dm.
1470	+23	4111	20		36.2	+23		57	9.4	
1471	+23	4112	20		36.3	+23		51	9.5	
1472										Not in Dm.
1473										Not in Dm.
1474	+24	4222	20		36.8	+24		1	9.0	
1475										Not in Dm.

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1932phae.proj.227:AC

Nov. 29, 1932

M7 e,14r.

7.C.

1476	4	a5
1477	4	g0
1478	1	K0
1479	3	a5
1480	1	a
1481	1	K5
1482	2	g0
1483	2	a5
1484	4	M0
1485	4	a0
1486	1	F8
1487	1	K
1488	6	F5
1489	4	M0
1490	3	g0
1491	1	g
1492	5	a0
1493	4	K5
1494	4	K7
1495	3	a2
1496	1	F8
1497	7	a0
1498	5	K0
1499	3	K0
1500	7	F0

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1932phae.proj.2274C

I 15879 Dec. 8, 1932

1476								Not in Dm.
1477								Not in Dm.
1478								Not in Dm.
1479								Not in Dm.
1480								Not in Dm.
1481								Not in Dm.
1482								Not in Dm.
1483								Not in Dm.
1484	+23°	4125	20h	37.8m	+23°	35′	8.9	
1485								Not in Dm.
1486								Not in Dm.
1487								Not in Dm.
1488	+24	4227	20	38.2	+24	10	9.1	
1489	+23	4126	20	38.0	+23	50	9.0	
1490	+23	4130	20	38.3	+23	54	9.4	
1491								Not in Dm.
1492	+23	4132	20	38.4	+23	46	9.5−	
1493								Not in Dm.
1494	+23	4135	20	38.7	+23	36	9.0	
1495								Not in Dm.
1496								Not in Dm.
1497	+23	4137	20	39.0	+23	56	9.3	
1498	+23	4138	20	39.2	+23	54	9.3	
1499	+23	4139	20	39.3	+23	49	9.5−	
1500	+23	4140	20	39.4	+23	45	8.7	

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1932phae.proj.227.MC

Dec. 1, 1932

M7 8114

F.C.

1501	5	a0
1502	4	a3
1503	4	a0
1504	5	a2
1505	3	F5
1506	2	a7
1507	1	F8
1508	1	K7
1509	4	g5
1510	5	a0
1511	3	m0
1512	1	F8
1513	5	a2
1514	7	a2
1515	1	a
1516	2	K0
1517	1	F5
1518	6	K2
1519	3	K2
1520	3	m0
1521	4	g0
1522	5	a0
1523	1	m0
1524	1	g0
1525	1	a0

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1932phae.proj.22740

M7 967 April 20, 1933

1501								Not in Dm
1502								Not in Dm
1503								Not in Dm.
1504								Not in Dm.
1505								Not in Dm.
1506								Not in Dm.
1507								Not in Dm.
1508								Not in Dm.
1509	+23°	4142	20h	39.7	+23°	26'	9.4	
1510	+23	4143	20	39.7	+23	23	8.8	
1511	+23	4144	20	39.9	+23	27	9.2	
1512								Not in Dm.
1513	+23	4145	20	39.9	+23	34	9.5	
1514	+23	4147	20	40.3	+23	28	9.2	
1515								Not in Dm.
1516								Not in Dm.
1517								Not in Dm.
1518	+23	4141	20	39.7	+23	7	9.3	
1519								Not in Dm.
1520	+22	4180	20	39.7	+22	37	9.5	
1521	+22	4187	20	40.6	+22	40	9.4	
1522	+22	4189	20	40.8	+22	39	9.3	
1523	+22	4190	20	40.9	+22	31	9.4	
1524								Not in Dm.
1525	+22	4192	20	41.0	+22	27	9.5	

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1932phae.proj.2274C

100

Dec. 1, 1932

M 7 8114

F.C.

1526	3.	M1
1527	1	F2
1528	3	K7
1529	1	a3
1530	1	K0
1531	5	a3
1532	1	g0
1533	2	F8
1534	2	K0
1535	7	K0
1536	7	F0
1537	2	a2
1538	1	F8
1539	6	g0
1540	3	g5
1541	5	a7
1542	2	K0
1543	3	a3
1544	1	a
1545	3	M0
1546	1	g0
1547	3	a0
1548	3	g0
1549	5	a0
1550	2	a3

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1932phae.proj.2274C

M7 967 April 20, 1933

1526	+22°	4193	20h	41.1	+22°	33′	9.0	
1527								Not in Dm.
1528	+22	4195	20	41.4	+22	49	9.3	
1529								Not in Dm.
1530	+23	4149	20	40.6	+23	4	9.5	
1531	+23	4152	20	40.7	+23	8	9.5	
1532								Not in Dm.
1533								Not in Dm.
1534								Not in Dm.
1535	+23	4150	20	40.7	+23	31	8.3	
1536	+23	4151	20	40.7	+23	23	9.0	
1537								Not in Dm.
1538								Not in Dm.
1539	+23	4154	20	41.4	+23	20	9.2	
1540								Not in Dm.
1541	+23	4155	20	41.0	+23	32	9.5	
1542								Not in Dm.
1543								Not in Dm.
1544								Not in Dm.
1545	+23	4146	20	40.2	+23	50	9.5	
1546								Not in Dm.
1547								Not in Dm.
1548								Not in Dm.
1549	+24°	4243	20	41.1	+24	4	9.4	
1550								Not in Dm.

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1932phae.proj.227HC

Dec. 1, 1932

~~M 8114~~

F.C.

1551	4	A0
1552	2	K7
1553	2	F5
1554	7	A3
1555	2	F2
1556	3	F5
1557	2	G5
1558	2	F8
1559	2	K2
1560	2	K7
1561	3	F5
1562	1	K7
1563	3	A7 ~~F5~~
1564	1	K0
1565	1	G0
1566	1	K0
1567	3	K2
1568	1	F5
1569	7	G0
1570	3	A0
1571	4	F8
1572	1	F5
1573	3	A0
1574	1	G5
1575	1	K2

Hyd. very strong 8088
~~Comp. ? Lobes faint.~~ Orbaley Comp.

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1932phae.proj.2274C

M 7967 April 20, 1933

1551								Not in Dm.
1552	+23°	4153	20h	41.3	+23°	54′	g.5	
1553								Not in Dm.
1554	+23	4156	20	41.9	+23	54	g.1	
1555								Not in Dm
1556								Not in Dm.
1557	+23	4157	20	42.0	+23	31	g.2	
1558								Not in Dm.
1559								Not in Dm.
1560								Not in Dm.
1561								Not in Dm.
1562								Not in Dm.
1563								Not in Dm.
1564								Not in Dm.
1565	+23	4160	20	43.2	+23	1	g.3	
1566								Not in Dm.
1567	+23	4161	20	43.4	+23	18	g.5	
1568								Not in Dm.
1569	+22	4213	20	43.6	+22	42	8.5	
1570	+22	4212	20	43.6	+22	30	g.5	
1571	+22	4218	20	44.3	+22	38	g.4	
1572								Not in Dm.
1573								Not in Dm.
1574								Not in Dm.
1575								Not in Dm.

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1932phae.proj.2274C

Dec. 1, 1932

M 7 h 8114.

T.C.

1576	1	g0
1577	1	g5-
1578	1	F8
1579	1	F8
1580	2	F5-
1581	2	F8
1582	4	K2
1583	3	F8
1584	1	K7
1585	3	K0
1586	71	~~F2~~ M [Orig. 1586 = brt lines blended]
1587	4	F0
1588	3	K0
1589	7	a0
1590	1	F2
1591	1	K0
1592	2	g5-
1593	1	K0
1594	5	g0
1595	1	g0
1596	5-	F2
1597	1	K0
1598	4	K7
1599	5	K2
1600	1	K0

Cont. on pg. 182

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1932phae.proj.2274C

M7967 April 20, 1933

1576								Not in Dm.
1577								Not in Dm.
1578								Not in Dm.
1579	+22°	4220	20h	45.0m	+22°	26′	9.5	
1580								Not in Dm.
1581								Not in Dm.
1582	+22	4222	20	45.2	+22	47	9.3	
1583								Not in Dm.
1584	+22	4219	20	44.6	+22	58	9.5	
1585								Not in Dm.
1586	+23	4164	20	44.2	+23	20	9.5	
1587								Not in Dm.
1588	+23	4170	20	45.4	+23	16	9.5	
1589	+23	4168	20	45.3	+23	1	8.8	
1590								Not in Dm.
1591								Not in Dm.
1592								Not in Dm.
1593								Not in Dm.
1594	+23	4173	20	47.3	+23	5	9.3	
1595								Not in Dm.
1596								Not in Dm.
1597	+22	4234	20	47.9	+22	57	9.5	
1598	+23	4180	20	48.2	+23	8	9.4	
1599	+22	4237	20	48.3	+22	58	8.7	
1600								Not in Dm.

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1932phae.proj.2274C

Jan. 11, 1933

13 45074 MW 7 209

F.C.

1	3	g0
2	3	g0
3	1	g5
4	1	g5-
5	2	F8
6	1	g
7	2	F5
8	2	g0
9	1	g5-
10	1	F8
11	3	F0
12	2	K0
13	4	g0
14	1	K7
15	1	K5-
16	2	F5-
17	2	F2
18	1	K0
19	4	K0
20	1	K7
21	1	K5-
22	3	K5-
23	1	g0
24	1	F5-
25	1	F8

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1932phae.proj.2274C

MWF 209 B 4065-8 Jan. 19, 1933

1	-19°	5932	20	42.3m	-19°	31'	9.2	✓
2	-19	5934	20	42.4	-19	31	9.3	✓
3								Not in Dm. ✓
4								Not in Dm. ✓
5	-19	5937	20	43.1	-19	58	9.7	✓
6	-19	5938	20	43.6	~~-19~~ -20	0	9.5	✓
7	-19	5941	20	43.9	-19	56	9.5	✓
8	-19	5943	20	44.5	-19	31	9.5	✓
9	-19	5945	20	44.5	-19	15	9.8	✓
10								Not in Dm. ✓
11	-19	5939	20	43.7	-19	6	9.5	✓
12								Not in Dm. ✓
13	-18	5799	20	44.4	-18	48	9.6	✓
14								Not in Dm. ✓
15	-19	B948	20	45.1	-19	7	9.8	✓
16	-19	~~4~~ 5949	20	45.2	-19	4	9.8	✓
17	-19	~~4~~ 5951	20	45.3	-19	20	9.7	✓
18	-19	~~4~~ 5952	20	45.5	-19	21	9.8	✓
19	-19	~~4~~ 5953	20	45.6	-19	20	9.4	✓
20	-19	~~5~~ 5947	20	44.8	-19	47	9.5	✓
21	-19	6955	20	~~45.9~~ 46.0	-19	59	9.4	✓
22	-19	5959	20	46.4	-19	54	9.3	✓
23	-19	5957	20	46.2	-19	42	9.8	✓
24								Not in Dm. ✓
25								Not in Dm.

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1932phae.proj.2274c

Jan. 11, 1933

B 45074

F.C.

26	2	M0	
27	1	K7	
28	4	a0	
29	2	F5-	
30	2	K7	
31	3	F5-	
32	1	g5-	
33	1	K7	
34	1	K2	Prism. Comp.
35	1	M0	
36	2	g0	
37	4	a3	
38	1	K5-	
39	1	K5-	
40	1	g0	
41	1	g0	
42	2	g0-	
43	1	F8	
44	2	g0	
45	2	g0	
46	1	K2	
47	1	K0	
48	2	g0	
49	1	K7	
50	1	K5-	

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1932phae.proj.2274C

B 40658 Jan. 19, 1933

26	-19°	5964	20	47.4	-19°	42	9.5	✓
27								hot in Dm ✓
28	-19	5962	20	47.1	-19	12	9.7	✓
29	-19	5961	20	47.0	-19	5	9.8	✓
30	-18	5807	20	47.1	-19	0	9.5	✓
31								hot in Dm. ✓
32								hot in Dm. ✓
33								hot in Dm. ✓
34								omit
35								hot in Dm. ✓
36								hot in Dm. ✓
37	-18	5808	20	47.7	-18	38	9.8	✓
38								hot in Dm. ✓
39								hot in Dm. ✓
40								hot in Dm. ✓
41								hot in Dm. ✓
42	-18	5810	20	48.6	-18	46	9.5	✓
43								hot in Dm. ✓
44	-18	5812	20	48.9	-18	40	9.5	✓
45	-18	5814	20	49.0	-18	54	9.8	✓
46								hot in Dm. ✓
47								hot in Dm. ✓
48								hot in Dm. ✓
49								hot in Dm. ✓
50								hot in Dm. ✓

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1932phae.proj.2274c

Jan. 11, 1937

B45074

7.C.

51	1	g0
52	1	K2
53	2	F8
54	1	g0
55	1	K7
56	2	g5-
57	1	F8
58	1	K7
59	2	g0
60	1	K0
61	1	F5-
62	1	g0
63	1	F8
64	3	g0
65	3	g0
66	3	g5-
67	3	F5-
68	1	g0
69	2	g0
70	4	K0
71	1	g0
72	2	K0
73	1	g5
74	3	K0
75	2	g5-

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1932phae.proj.2274C

B 40658 Jan. 19, 1933

51								Hot in Dm. ✓
52	-18°	5809	20 h	48.5 m	-18°	18'	10	✓
53	-18	5813	20	49.0	-18	14	10	✓
54								Hot in Dm. ✓
55								Hot in Dm. ✓
56								Hot in Dm. ✓
57								Hot in Dm. ✓
58	-18	5817	20	50.1	-18	32	9.6	✓
59								Hot in Dm. ✓
60								Hot in Dm. ✓
61								Hot in Dm. ✓
62								Hot in Dm. ✓
63								Hot in Dm. ✓
64								Hot in Dm. ✓
65	-17	6139	20	51.3'	-17	54	10	✓
66	-17	6142	20	51.6	-17	50	9.6	✓
67	-17	6143	20	51.6	-17	58	10	✓
68								Hot in Dm. ✓
69								Hot in Dm. ✓
70	-18	5819	20	50.9	-18	25	8.8	✓
71								Hot in Dm. ✓
72	-18	5820	20	51.4	-18	23	9.8	✓
73								Hot in Dm. ✓
74	-18	5827	20	51.9	-18	11	9.5	✓
75	-18	5826	20	51.8	-18	21	10	✓

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1932phae.proj.227HC

Jan. 11, 1933

2 45074

F.C.

76	4	F8
77	3	g0
78	1	K7
79	2	a2
80	2	g5
81	3	F5
82	1	K5
83	2	K0
84	4	F5
85	3	F5
86	3	g0
87	3	g0
88	2	g5
89	2	K0
90	2	F8
91	2	a2
92	2	g5
93	3	K0
94	4	K0
95	2	a2
96	1	F2
97	2	F8
98	1	K7
99	1	K7
100	4	K0

Prism. Comp.

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1932phae.proj.2274C

B4065-8 Jan. 19, 1933

76	-18°	5824	20 h	51.7	-18°	24'	9.4	
77	-18	5822	20	51.6	-18	32	9.5	
78								Not in Dm.
79								Not in Dm.
80	-18	5818	20	50.4	-18	41	9.8	
81	-19	5973	20	50.0	-19	14	9.7	
82	-19	5972	20	49.9	-19	23	9.8	
83								Not in Dm.
84	-19	5976	20	50.4	-19	42	9.4	
85	-19	5974	20	50.0	-19	45	9.8	
86	-20	6083	20	49.9	-20	4	9.7	
87	-19	5968	20	48.7	-19	54	9.5	
88	-20°	6077	20	48.7	-20	12	9.6	
89	-20	6078	20	48.9	-20	7	9.7	
90	-20	6088	20	50.6	-20	13	9.5	
91	-20	6089	20	50.9	-20	25	9.8	
92								Not in Dm.
93	-20	6092	20	51.2	-20	6	9.6	
94	-19	5981	20	51.2	-19 20	0	9.6	
95								omit
96	-19	5983	20	51.6	-19	58	9.7	
97	-19	5986	20	52.1	-19	48	9.8	
98	-19	5990	20	53.0	-19	57	9.4	
99	-19	5987	20	52.2	-19	23	9.8	
100	-19	5988	20	52.6	-19	16	9.2	

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1932phae.proj.2274c

Jan. 12, 1933

B 45074

F.C.

101	2	g0
102	3	K0
103	3	g0
104	1	K0
105	2	K0
106	1	F8
107	2	g0
108	1	K0
109	3	F2
110	1	K2
111	3	K0
112	2	F8
113	1	K0
114	2	K0
115	2	g0
116	1	g0
117	2	g0
118	3	F8
119	2	K0
120	3	K0
121	3	K2
122	2	K2
123	1	K7
124	1	K5
125	1	g0

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1932phae.proj..2274C

B 40658 Jan. 20, 1933

101								Not in Dm. ✓
102	-18°	5823	20h	51.6m	-18°	58′	9.4	✓
103	-18	5825	20	51.7	-18	55	9.3	✓
104								Not in Dm. ✓
105	-18	5828	20	51.9	-18	28	9.6	✓
106								Not in Dm. ✓
107	-18	5830	20	52.5	-18	31	9.5	~~Not in~~ ✓
108								Not in Dm. ✓
109	-18	5832	20	52.7	-18	28	9.7	✓
110								Not in Dm. ✓
111	-18	5833	20	52.7	-18	16	9.5	✓
112								Not in Dm. ✓
113								Not in Dm. ✓
114	-19	5989	20	52.8	-19	6	9.8	✓
115	-19	5992	20	53.2	-19	11	9.5	✓
116								Not in Dm. ✓
117	-19	5994	20	53.6	-19	24	9.6	✓
118	-19	5993	20	53.3	~~-20~~ 19	46	9.5	
119	-20	6099	20	53.4	-20	1	10	✓
120	-19	5996	20	53.9	-19	54	9.4	✓
121	-19	5997	20	54.3	-19	22	9.4	✓
122								Not in Dm. ✓
123								Not in Dm. ✓
124								Not in Dm. ✓
125								Not in Dm. ✓
~~126~~								

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1932phae.proj.2274c

Jan. 12, 1933

B 45074

F. C.

126	3	g5
127	3	g0
128	3	F8
129	1	F8
130	2	g5
131	3	K2
132	2	F5
133	1	g0
134	4	F2
135	3	g0
136	4	g0
137	5	F5
138	3	g5
139	2	K2
140	1	g
141	1	g5
142	1	g
143	2	g0
144	2	m0
145	2	g0
146	1	g0
147	1	K0
148	3	g0
149	1	a5
150	1	K2

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1932phae.proj.2274C

B 4065 8 Jan. 20, 1933

126	-18°	5837	20	L	53.8	-18°	24'	9.6	✓
127	-18	5835	20		53.5	-18	30	9.5	✓
128	-18	5834	20		53.4	-18	9	9.8	✓
129									hot in Dm. ✓
130	-18	5838	20		54.2	-18	4	9.7	✓
131	-17	6160	20		54.3	-17	8 0	9.8	✓
132									hot in Dm. ✓
133									hot in Dm. ✓
134	-18	5846	20		55.4	-18	16	9.5	✓
135	-18	5845	20		55.4	-18	24	10	✓
136	-18	5847	20		55.7 8	-18	41	9.3	
137	-18	5848	20		55.8	-18	43	9.1	✓
138	-19	6002	20		55.7	-19	3	9.4	✓
139	-19	6004	20		55.7	-19	2	9.4	✓
140									hot in Dm. ✓
141	-19	6000	20		55.3	-19	20	9.8	✓
142									hot in Dm. ✓
143	-19	6001	20		55.5	-19	20	9.8	✓
144	-19	6003	20		55.7	-19	22	9.4	✓
145	-19	6007	20		56.0	-19	14	9.5	✓
146									hot in Dm. ✓
147	-19	6006	20		55.8	-19	54	9.5	✓
148	-19	6009	20		56.1	-19	54	9.2	✓
149	-20	6114	20		56.1	-20	6	9.5	✓
150	-19 -20	6011	20		56.9	-19	50	9.5	✓

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1932phae.proj.2274c

Jan. 12, 1933

B 45074.

7. C.

151	1	K5
152	3	K0
153	2	F5
154	2	F2
155	2	F8
156	1	g5
157	2	K0
158	2	F2
159	2	K7
160	2	M0
161	1	K
162	1	K0
163	1	K
164	2	F8
165	2	g0
166	1	g
167	2	g0
168	2	F8
169	2	g5
170	1	K7
171	2	K0
172	2	K2
173	3	K0
174	1	F5
175	1	K4 2

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1932phae.proj.2274C

B 40658 Jan. 20, 1933

151								Not in Dm.
152	-19°	6014	20h	57.3	-19°	39'	9.3	
153	-20	6122	20	57.4	-20	16	10	
154	-19	6016	20	57.9	-19	54	9.5	
155	-19	6017	20	58.4	-19	45	9.7	
156	-19	6021	20	58.8	-19	46	9.8	
157	-19	6023	20	59.2	-19	56	9.5	
158	-20	6135	20	59.9	-20	18	9.5	
159	-19	6018	20	58.5	-19	14	9.6	
160	-19	6015	20	57.8	-19	16	9.5	
161								Not in Dm.
162								Not in Dm.
163								Not in Dm.
164	-18	5855	20	57.8	-18	48	9.8	
165	-18	5857	20	58.0	-18	46	9.5	
166								Not in Dm.
167								Not in Dm.
168	-18	5856	20	58.0	-18	30	9.8	
169								Not in Dm.
170								Not in Dm.
171	-18	5853	20	56.6	-18	33	9.6	
172								Not in Dm.
173								Not in Dm.
174								Not in Dm.
175	-18	5852	20	56.5	-18	18	9.8	

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1932phae.proj.2274C

Jan. 12, 1933

B 45074

7. C.

176	1	F8
177	2	g0
178	3	g0
179	1	K2
180	2	K5
181	2	F5
182	1	g
183	1	g5
184	3	g0
185	3	F8
186	2	g5
187	1	g5
188	2	F5
189	1	g5
190	1	F5
191	1	K5
192	2	K0
193	2	K2
194	3	g5
195	1	F8
196	1	K0
197	1	m
198	1	g0
199	2	K0
200	1	K0

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1932phae.proj.2274C

B 40658 Jan. 20, 1933

176								Not in Dm. ✓
177								Not in Dm. ✓
178	-18°	5854	20h	57.2m	-18°	4′	9.8	✓
179								Not in Dm. ✓
180	-18	5861	20	59.5	-18	48	9.6	✓
181								Not in Dm. ✓
182								Not in Dm. ✓
183								Not in Dm. ✓
184	-17	6152	20	53.1	-17	58	9.8	✓
180′	-17	6153	20	53.2	-17	41	9.7	✓
186	-17	6156	20	53.6	-17	58	10	✓
187								Not in Dm. ✓
188	-17	6159	20	54.3	-17	23	9.8	✓
189								Not in Dm. ✓
190								Not in Dm. ✓
191								Not in Dm. ✓
192	-17	6161	20	55.6	-17	20	10	✓
193	-17	6164	20	55.7	-17	22	9.5	✓
194	-17	6162	20	55.6	-17	2	9.5	✓
195′								Not in Dm. ✓
196								Not in Dm. ✓
197								Not in Dm. ✓
198								Not in Dm. ✓
199	-17	6168	20	57.0	-17	44	9.8	✓
200	-17	6169	20	57.4	-17	43	9.9	✓

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1932phae.proj.2274C

Jan. 12, 1933

B 45074

F.C.

201	2	K5⁻
202	2	g0
203	1	g0
204	3	g0
205	2	g5⁻
206	2	K7
207	1	F8
208	2	g0
209	2	K2
210	4	g0
211	2	g5⁻
212	1	g0
213	2	F8
214	3	g5⁻
215	3	g0
216	5	g0
217	2	F8
218	2	g0
219	1	g0
220	1	F8
221	1	K5⁻
222	1	g5⁻
223	4	g0
224	3	g0
225	2	g5

A. of a. Mountain also appears Ha Class G

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1932phae.proj.2274C

B 40513 Jan. 20, 1933

				h	m				
201	-18°	5794	20		43.2	-18°	30′	9.6	
202	-18	5793	20		43.2	-18	1	9.5	
203									Not in Dm.
204	-18	5796	20		43.9	-18	13	9.8	
205	-18	5797	20		44.1	-18	3	9.8	
206	-18	5798	20		44.4	-18	16	9.5	
207									Not in Dm.
208									Not in Dm.
209									Not in Dm.
210	-18	5802	20		45.3	-18	26	9.3	
211									Not in Dm.
212									Not in Dm.
213									Not in Dm.
214	-18	5801	20		45.~~X~~ 3	-18	7	9.5	
215	-17	6116	20		45.6	-17	58	9.9	
216	-17	6115	20		45.6	-17	47	9.3	
217									Not in Dm.
218	-17	6118	20		46.0	-17	56	10	
219									Not in Dm.
220									Not in Dm.
221									Not in Dm.
222									Not in Dm.
223	-17	6119	20		46.5	-17	44	9.3	
224									Not in Dm.
225	-17	6121	20		46.8	-17	38	10	

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1932phae.proj.2274c

Jan. 12, 1933

B 45074

F.C.

226	1	K5
227	1	K5
228	1	K7
229	1	K0
230	2	g0
231	3	K2
232	1	g0
233	1	K5
234	1	K2
235	1	F8
236	2	K7
237	1	g5
238	1	F8
239	3	F5
240	2	g0
241	2	F5
242	2	m0
243	1	g0
244	1	F2
245	1	g0
246	1	m
247	1	K2
248	2	a2
249	2	K0
250	1	m

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1932phae.proj.2274C

B 40513 Jan. 20, 1933

226	-17°	6124	20h	47.2m	-17°	50'	9.8	✓
227								Not in Dm. ✓
228	-17	6128	20	47.9	-17	45	9.9	✓
229								Not in Dm. ✓
230	-17	6126	20	47.5	-17	14	10	✓
231	-16	5724	20	47.0	-16	51	9.1	✓
232	-16	5727	20	47.1	-16	53	9.4	✓
233	-16	5730	20	47.6	-16	39	9.5	✓
234	-16	5731	20	48.1	-16	56	10	✓
235								Not in Dm. ✓
236	-16	5735	20	48.7	-16	57	9.5	✓
237								Not in Dm. ✓
238								Not in Dm. ✓
239	-17	6131	20	48.8	-17	38	9.6	✓
240								Not in Dm. ✓
241								Not in Dm. ✓
242	-17	6132	20	49.2	-17	17	9.4	✓
243								Not in Dm. ✓
244								Not in Dm. ✓
245								Not in Dm. ✓
246	-17	6134	20	49.9	-17	35	9.8	✓
247	-17	6136	20	50.2	-17	20	10	✓
248	-16	5743	20	49.9	-16	50	9.8	✓
249	-16	5742	20	49.9	-16	32	9.3	✓
250	-16	5745	20	50.1	-16	18	9.7	✓

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1932phae.proj.227ac

Jan. 12, 1933

3 45074

7.C.

251	1	g0
252	3	K0
253	2	F2
254	3	K2
255	1	K5
256	1	F5
257	1	F
258	1	g5
259	3	a3
260	2	g0
261	3	g0
262	4	g0
263	1	K0
264	1	g5
265	2	K0
266	2	g5
267	1	K5
268	1	F5
269	2	K7
270	3	g0
271	3	g5
272	1	F8
273	2	g5
274	1	K5
275	1	m

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B 40513 Jan. 20, 1933

251								Not in Dm.
252	-16°	5747	20	50.6	-16°	32'	9.3	
253	-16	5750	20	50.7	-16	45	9.8	
254	-16	5751	20	50.7	-16	50	9.4	
255	-16	5755	20	50.9	-16	45	10	
256								Not in Dm.
257								Not in Dm.
258	-17	6138	20	50.7	-17	41	9.6	
259								Not in Dm.
260								Not in Dm.
261	-17	6150	20	52.5	-17	53	9.5	
262	-17	6149	20	52.4	-17	39	9.5	
263	-17	6147	20	52.2	-17	19	9.8	
264	-17	6148	20	52.4	-17	13	10	
265	-17	6151	20	52.7	-17	7	10	
266								Not in Dm.
267	-16	5763	20	52.6	-16	58	10	
268								Not in Dm.
269	-16	5760	20	52.3	-16	29	9.5	
270	-16	5762	20	52.5	-16	31	9.4	
271	-16	5765	20	52.8	-16	32	9.4	
272								Not in Dm.
273	-16	5766	20	53.0	-16	20	10	
274								Not in Dm.
275	-16	5767	20	53.5	-16	13	9.7	

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1932phae.proj.2274C

Jan. 12, 1933

B 45074

7.C.

276	4	g5
277	2	K5
278	1	K7
279	5	F5
280	2	K0
281	2	F5
282	4	F5
283	2	F2
284	2	F5
285	2	K7
286	3	g0
287	2	K2
288	1	F8
289	1	g5
290	1	F8
291	4	F2
292	2	K0
293	1	g5
294	2	F5
295	2	g5
296	4	F5
297	4	F8
298	4	g5
299	4	K0
300	2	K0

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1932phae.proj.2274C

B 40513 Jan. 20, 1933

276	-15°	5863	20h	53.5m	-15°	55'	9.1	✓
277	-15	5862	20	53.1	-15	54	9.4	✓
278								Not in Dm. ✓
279	-15	5858	20	52.2	-15	40	8.3	✓
280	-15	5853	20	51.5	-15	28	9.4	
281								Not in Dm. ✓
282	-15	5856	20	52.1	-15	27	9.2	✓
283	-15	5855	20	52.1	-15	22	9.4	✓
284								Not in Dm. ✓
285	-15	5857	20	52.1	-15	20	9.7	✓
286	-15	5861	20	52.5	-15	16	9.3	✓
287								Not in Dm. ✓
288								Not in Dm. ✓
289	-15	5860	20	52.4	-15	2	9.8	✓
290								Not in Dm. ✓
291	-14	5909	20	53.4	-14	56	9.1	✓
292	-15	5865	20	53.7	-15	28	9.2	✓
293								Not in Dm. ✓
294	-15	5866	20	54.0	-15	54	10	✓
295								Not in Dm. ✓
296	-15	5871	20	55.0	-15	45	9.3	✓
297	-15	5875	20	55.6	-15	50	9.1	✓
298	-16	5772	20	54.9	-16	7	9.3	✓
299	-16	5770	20	54.6	-16	23	9.1	✓
300	-16	5768	20	54.2	-16	29	10	✓

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1932phae.proj.2274C

Jan. 13, 1933

B 45074

F.C.

301	1	K5
302	1	go
303	2	go
304	2	F8
305	1	F5
306	1	go
307	2	go
308	2	F2
309	2	F5
310	2	F8
311	3	F2
312	3	K0
313	3	F8
314	1	K7
315	3	go
316	1	K0
317	2	go
318	1	K0
319	1	K0
320	1	m
321	1	go
322	1	K7
323	4	go
324	2	K7
325	2	go

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B 40513 Jan. 21, 1933

301	-16°	5774	20h	55.5m	-16°	37'	9.5	✓
302	-16	5775	20	56.0	-16	47	10	✓
303	-16	5776	20	56.0	-16	50	10	✓
304	-16	5777	20	56.1	-16	43	10	✓
305								Not in Dm. ✓
306								Not in Dm. ✓
307	-16	5783	20	56.9	-16	28	9.5	✓
308	-16	5787	20	57.0	-16	34	9.8	✓
309								Not in Dm. ✓
310	-16	5786	20	57.0	-16	17	9.4	✓
311	-16	5784	20	56.9	-16	11	9.8	✓
312	-16	5782	20	56.8	-16	5	9.4	✓
313	-15	5879	20	56.8	-15	50	9.5	✓
314								Not in Dm. ✓
315	-15	5882	20	57.1	-15	52	9.4	✓
316								Not in Dm. ✓
317								Not in Dm. ✓
318	-15	5876	20	56.0	-15	24	9.5	✓
319								Not in Dm. ✓
320	-15	5873	20	55.3	-15	22	9.8	✓
321	-15	5877	20	56.1	-15	25	10	✓
322								Not in Dm. ✓
323								Not in Dm. ✓
324	-15	5880	20	56.9	-15	23	9.8	✓
325								Not in Dm. ✓

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Jan. 13, 1933

B 45074

F.C.

326	2	F8
327	1	F2
328	2	g0
329	1	g5-
330	1	K0
331	1	F5-
332	2	F8
333	3	g5-
334	2	K0
335	1	g5-
336	1	g0
337	1	F8
338	3	K0
339	1	K5-
340	1	K7
341	2	K5-
342	1	K2
343	3	g5-
344	1	g5-
345	2	a2
346	2	K0
347	3	F8
348	2	F5-
349	1	K2
349a	3	G0
350	2	K2

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B 40513 Jan. 21, 1933

326								Not in Dm. ✓
327								Not in Dm. ✓
328	-15°	5885	20h	57.9	-15°	34'	9.4	✓
329								Not in Dm. ✓
330								Not in Dm. ✓
331								Not in Dm. ✓
332	-16	5790	20	58.2	-16	27	9.8	✓
333	-16	5789	20	57.8	-16	44	9.4	✓
334	-16	5788	20	57.5	-16	52	9.6	✓
335								Not in Dm. ✓
336								Not in Dm. ✓
337								Not in Dm. ✓
338	-17	6173	20	57.7	-17	18	9.4	✓
339	-17	6171	20	57.6	-17	26	10	✓
340	-17	6172	20	57.6	-17	29	10	✓
341	-17	6176	20	58.3	-17	7	9.8	✓
342	-17	6177	20	58.5	-17	7	9.5	✓
343	-17	6179	20	58.6	-17	19	10	✓
344								Not in Dm. ✓
345	-17	6180	20	58.7	-17	59	9.5	✓
346	-17	6183	20	59.3	-17	7	9.5	✓
347	-17	6185	20	59.5	-17	5	9.8	✓
348								Not in Dm. ✓
349								Not in Dm. ✓
350								Not in Dm. ✓

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1932phae.proj.2274c

Jan. 13, 1933

B 45074

F.C.

351	4	F8
352	2	g0
353	4	g0
354	1	g0
355	1	K0
356	1	g5-
357	1	g
358	2	K5-
359	2	K0
360	3	g5-
361	1	K0
362	2	K0
363	1	F5-
364	1	K2
365	3	K0
366	3	F8
367	1	K5-
368	2	g0
369	2	g0
370	1	K2
371	1	K7
372	3	g0
373	2	K5-
374	1	g5-
375	1	g0

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1932phae.proj.2274C

B 40513 Jan. 21, 1933

351	-16°	5803	21h	0.7m	-16°	56'	9.4	✓
352								Not in Dm. ✓
353	-16	5809	21	1.6	-16	42	9.5	✓
354								Not in Dm. ✓
355	-16	5799	20	59.4	-16	48	9.8	✓
356								Not in Dm. ✓
357								Not in Dm. ✓
358	-16	5796	20	58.9	-16	36	9.8	✓
359	-16	5793	20	58.8	-16	37	9.6	✓
360	-16	5791	20	58.5	-16	39	9.3	✓
361								Not in Dm. ✓
362	-15	5888	20	58.6	-15	58	9.4	✓
363								Not in Dm. ✓
364								Not in Dm. ✓
365	-15	5887	20	58.5	-15	43	9.1	✓
366	-15	5890	20	59.3	-15	51	9.4	✓
367	-15	5891	20	59.4	-15	52	9.4	✓
368	-15	5892	20	59.4	-15	59	9.5	✓
369								Not in Dm. ✓
370								Not in Dm. ✓
371	-15	5894	20	59.7	-15	50	9.5	✓
372	-16	5801	~~20~~ 21	0.2	-16	3	9.5	✓
373	-16	5802	21	0.3	-16	4	9.5	✓
374								Not in Dm. ✓
375								Not in Dm. ✓

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Jan. 13, 1932

B 45074

F.C.

376	1	F8	
377	1	K2	
378	2	g0	
379	2	g5	
380	1	K0	
381	1	g0	
382	2	K0	
383	1	g5	
384	2	F8	
385	1	K2	
386	1	g0	
387	3	MetK	var. 2 cap Hγ bl=10 H5=2 Bright Cent Hβ Hγ
388	1	F5	
389	1	K0	
390	1	g5	
391	1	g0	
392	4	g0	
393			
394	2	g5	
395	1	K7	
396	3	g0	
397	3	F8	
398			
399	1	F5	
400	2	g0	

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1932phae.proj.2274C

B 40513 Jan. 21, 1933

376								Not in Dm. ✓
377	−15°	5899	21h	1.1m	−15°	16′	9.8	✓
378								Not in Dm. ✓
379	−15	5901	21	2.0	−15	10	9.7	✓
380								Not in Dm. ✓
381	−15	5900	21	1.7	−15	26	9.5	✓
382	−16	5806	20′	1.2	−16	19	9.9	✓
383	−16	5807	21	1.3	−16	19	10	✓
384	−16	5808	21	1.4	−16	15	9.4	✓
385								Not in Dm. ✓
386								Not in Dm. ✓
387	−16	5811	21	2.5	−16	46	9.0	✓
388	−16	5812	21	2.6	−16	42	9.8	✓
389								Not in Dm. ✓
390								Not in Dm. ✓
391								Not in Dm. ✓
392	−16	5814	21	3.1	−16	5	9.0	✓
393	−16	5817	21	4.0	−16	18	9.5	✓
394	−15	5905	21	2.8	−15	39	9.5	✓
395	−15	5906	21	3.6	−15	45	10	✓
396	−15	5909	21	3.7	−15	40	9.7	✓
397	−15	5916	21	4.7	−15	47	9.6	✓
398								
399	−16	5819	21	4.2	−16	7	9.8	✓
400	−15	5919	21	5.4	−15	51	9.5	✓

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1932phae.proj.227AC

Jan. 16, 1937

B 45 074

7.C.

401	1	K5-
402	1	K0
403	1	K2
404	2	g5-
405	1	K2
406	1	K0
407	2	K7
408	2	g0
409	2	g0
410	1	g0
411	3	F5-
412	2	K0
413	2	g0
414	3	g5-
415	3	F8
416	3	F5-
417	3	g5-
418	1	K7
419	2	F8
420	1	F5-
421	1	g5-
422	2	g5-
423	1	g0
424	1	g5-
425	1	K0

Jan 7 2

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1932phae.proj.2274C

B 43502 Jan. 23, 1933

401	-15°	5921	21h	5.6	-15°	44'	9.5	
402	-15	5920	21	5.4	-15	42	9.8	
403	-15	5918	21	5.4	-15	40	9.8	
404	-15	5917	21	4.9	-15	22	9.8	
405								Not in Dm
406								Not in Dm
407	-15	5914	21	4.4	-15	16	9.5	
408	-15	5912	21	4.3	-15	7	10	
409	-15	5907	21	3.6	-15	9	9.7	
410	-15	5903	21	2.7	-15	20	9.8	
411	-15	5904	21	2.8	-15	4	9.8	
412	-14	5952	21	3.5	-14	35	9.5	
413	-14	5953	21	3.6m	-14	28	10	
414	-14	5955	21	3.9	-14	24	9.7	
415	-14	5957	21	4.1	-14	47	9.7	
416	-14	5958	21	4.4	-14	27	9.8	
417	-14	5959	21	4.5	-14	20	10	
418								Not in Dm.
419								Not in Dm.
420								Not in Dm.
421	-14	5966	21	5.4	-14	50	10	
422	-14	5969	21	6.0	-14	46	9.5	
423								Not in Dm.
424	-13	5876	21'	5.0	-13	59	9.4	
425								Not in Dm.

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1932phae.proj.227AC

Jan. 16, 1937

B 45074

7. C.

426	2	K0
427	2	K5-
428	2	M0
429	2	K5
430	1	K0
431	3	K0
432	3	g0
433	2	F8
434	3	F5-
435	3	g5-
436	2	F0
437	1	K5-
438	2	K7
439	2	F8
440	3	K5-
441	3	F2
442	2	K0
443	1	g0
444	1	F8
445	1	g5-
446	1	K5-
447	1	F2
448	1	K0
449	2	g5-
450	3	K0

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1932phae.proj.2274C

B 43502 Jan. 23, 1933

			h	m		'		
426	-14°	5950	21	2.8	-14°	10	9.5	
427	-13	5867	21	2.6	-13	55	9.5	
428	-13	5865	21	2.1	-13	46	10	
429	-13	5864	21	1.9	-13	42	9.6	
430								Not in Dm.
431	-13	5862	21	1.5	-13	34	9.5	
432	-13	5861	21	1.4	-13	42	10	
433								Not in Dm.
434	-14	5944	21	1.0	-14	16	9.5	
435	-14	5941	21	0.4	-14	17	9.3	
436								Not in Dm.
437								Not in Dm.
438	-13	5857	21	0.4	-13	39	9.8	
439	-13	5855	20	59.9	-13	50	10	
440	-14	5939	20	0.0	-14	35	9.2	
441	-14	5938	20	59.9	-14	38	9.4	
442	-14	5943	21	0.6	-14	48	9.7	
443	-15	5898	21	0.9	-15	3	9.8	
444								Not in Dm.
445								Not in Dm.
446	-15	5895	20	0.0	-15	26	10	
447								Not in Dm.
448								Not in Dm.
449	-14	5931	20	58.6	-14	45	10	
450	-14	5934	20	58.8	-14	31	9.6	

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1932phae.proj.227AC

Jan. 16, 1933

B 45074

7. C.

451	2	K5
452	1	g5
453	1	K0
454	3	g0
455	1	K7
456	1	g5
457	1	K7
458	3	K2
459	1	K5
460	1	g0
461	3	K0
462	1	K0
463	1	g0
464	3	g0
465	3	K0
466	1	K0
467	4	K0
468	2	M0
469	1	K5
470	2	M1
471	3	g0
472	2	g5
473	3	F8
474	3	K0
475	3	F5

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1932phae.proj.2274C

B43502 Jan. 23, 1933

451	-14°	5933	20h	58.8m	-14°	18'	9.9	✓
452								Not in Dm. ✓
453								Not in Dm. ✓
454	-14	5929	20	57.6	-14	57	9.4	✓
455	-14	5926	20	57.3	-14	47	10	✓
456								Not in Dm. ✓
457	-14	5928	20	57.5	-14	26	9.9	✓
458	-14	5927	20	57.5	-14	22	9.8	✓
459								Not in Dm. ✓
460								Not in Dm. ✓
461	-14	5930	20	57.8	-14	4	9.4	✓
462								Not in Dm. ✓
463								Not in Dm. ✓
464								Not in Dm. ✓
465	-13	5840	20	56.8	-13	54	10	✓
466								Not in Dm. ✓
467	-14	5923	20	55.9	-14	34	9.2	✓
468	-14	5920	20	55.4	-14	34	9.4	✓
469								Not in Dm. ✓
470	-14	5922	20	55.7	-14	42	9.3	✓
471	-14	5919	20	55.0	-14	29	9.5	✓
472	-14	5918	20	54.9	-14	30	9.8	✓
473	-14	5916	20	54.7	-14	50	9.3	✓
474	-15	5870	20	54.9	-15	10	9.7	✓
475	-15	5869	20	54.6	-15	10	9.5	✓

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1932phae.proj.227AC

Jan. 16, 1933

45074

F.C.

476	2	g5
477	1	M0
478	3	g0
479	2	K7
480	2	g5
481	1	F8
482	1	g0
483	1	F8
484	1	K5
485	2	K0
486	3	g0
487	3	F8
488	2	g0
489	2	g5
490	1	g0
491	1	g5
492	2	g0
493	2	A	Hγ d. Lines in violet rays Hump.
494	2	g0
495	1	g5
496	1	g5
497	2	K0
498	1	K7
499	2	K2
500	1	K5

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1932phae.proj.2274C

B 43502 Jan. 23, 1933

476								Not in Dm. ✓
477	-14°	5913	20	53.9m	-14°	55'	10	✓
478	-14	5914	20	54.1	-14	35	9.3	✓
479	-14	5912	20	53.9	-14	14	9.9	✓
480	-14	5910	20	53.6	-14	23	10	✓
481								Not in Dm. ✓
482								Not in Dm. ✓
483								Not in Dm. ✓
484	-13	5826	20	53.6	-13	52	10	✓
485	-13	5820	20	52.9	-13	25	9.8	✓
486	-13	5823	20	53.1	-13	18	9.7	✓
487	-13	5824	20	53.3	-13	14	9.4	✓
488								Not in Dm. ✓
489	-13	5827	20	54.0	-13	27	10	✓
490								Not in Dm. ✓
491								Not in Dm. ✓
492								Not in Dm. ✓
493								Not in Dm. ✓
494	-13	5832	20	55.3	-13	49	9.9	✓
495								Not in Dm. ✓
496	-13	5833	20	55.4	-13	29	10	✓
497	-13	5834	20	55.4	-13	18	9.4	✓
498	-13	5835	20	55.5	-13	7	9.8	✓
499	-12	5895	20	55.4	-12	48	9.5	✓
500	-13	5836	20	55.6	-13	2	9.5	✓

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1932phae.proj.227:C

Jan 16, 1933

345074

7.C.

501	2	g_0
502	1	g_0
503	2	K_0
504	3	K_0
505	2	F_5^-
506	2	K_2
507	1	F_8
508	1	K_2
509	1	g_0
510	3	g_0
511	1	g_5^-
512	1	g_5^-
513	2	F_8
514	2	K_2
515	1	K_0
516	1	K_7
517	1	K_5^-
518	1	K_0
519	1	F_8
520	1	g_5^-
521	2	g_0
522	2	K_0
523	1	M_0
524	2	g_5^-
525	3	g_0

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1932phae.proj.227MC

B 43502 Jan. 23, 1933

501	-17°	6105	20h	42.9m	-17°	27'	9.9	
502	-17	6106	20	43.2	-17	30	10	
503	-17	6107	20	43.4	-17	41	9.5	
504	-17	6109	20	43.7	-17	28	9.8	
505								Not in Dm.
506	-17	6111	20	44.2	-17	36	9.8	
507								Not in Dm.
508								Not in Dm.
509								Not in Dm.
510	-16	5717	20	44.5	-16	59	9.5	
511								Not in Dm.
512								Not in Dm.
513								Not in Dm.
514								Not in Dm.
515								Not in Dm.
516	-17	6103	20	42.3	-17	43	9.9	
517								Not in Dm.
518	-16	5710	20	42.8	-16	25	9.7	
519								Not in Dm.
520								Not in Dm.
521								Not in Dm.
522	-16	5712	20	43.3	-16	16	9.5	
523	-16	5713	20	43.4	-16	6	9.8	
524								Not in Dm.
525	-15	5815	20	43.1	-15	54	9.5	

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1932phae.proj.2274c

B 45074

~~77 87~~

Jan. 16, 1933

7. C.

526	1	g0
527	1	F8
528	1	K0
529	2	g0
530	3	K2
531	3	F8
532	1	K0
533	1	K0
534	1	g0
535	1	K2
536	3	g0
537	2	g0
538	2	K2
539	2	F8
540	2	g5
541	1	g0
542	1	M2
543	4	g0
544	3	g5
545	1	g
546	1	K2
547	1	g5
548	2	F8
549	2	g0
550	3	F8

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1932phae.proj.227HC

B 43502 Jan. 23, 1933

				h	m				
526									Not in Dm. ✓
527									Not in Dm. ✓
528	-15°	5817	20		43.4	-15°	47	9.5	✓
529	-15	5818	20		43.5	-15	43	10	✓
530	-15	5820	20		44.0	-15	7	9.4	✓
531	-15	5819	20		43.9	-15	44	9.5	✓
532									Not in Dm. ✓
533	-16	5714	20		44.1	-16	12	9.8	✓
534	-16	5715	20		44.1	-16	32	9.7	✓
535									Not in Dm. ✓
536	-16	5716	20		44.5	-16	21	9.4	✓
537	-15	5821	20		44.3	-15	59	9.9	✓
538									Not in Dm. ✓
539									Not in Dm. ✓
540									Not in Dm. ✓
541									Not in Dm. ✓
542	-15	5822	20		44.6	-15	32	9.4	✓
543	-15	5823	20		44.7	-15	36	9.2	✓
544	-15	5825	20		45.5	-15	58	9.3	✓
545									Not in Dm. ✓
546	-16	5720	20		45.3	-16	35	9.8	✓
547									Not in Dm. ✓
548	-16	5723	20		46.8	-16	36	9.5	✓
549									Not in Dm. ✓
550	-16	5721	20		46.4	-16	3	9.2	✓

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Jan. 16, 1933

B 45074

7. C.

551	1	g5
552	1	g5
553	3	g5
554	1	K0
555	3	K0
556	1	F8
557	2	F8
558	3	g5
559	4	F8
560	1	g0
561	1	K7
562	2	F8
563	2	K0
564	1	g0
565	1	F5
566	2	g0
567	2	M0
568	1	g0
569	1	K0
570	2	K0
571	3	g0
572	2	g0
573	3	K2
574	1	g5
575	1	F5

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1932phae.proj.2270C

B 43502 Jan. 23, 1933

551								Not in Dm. ✓
552								Not in Dm. ✓
553	-15°	5828	20	46.2	-15°	1	9.8	✓
554	-15°	5831	20	46.7	-15	9	10	~~Not in Dm.~~
555	-15	5830	20	46.6	-15	10	9.5	✓
556								Not in Dm. ✓
557	-15	5829	20	46.5	-15	23	9.8	✓
558	-15	5832	20	46.7	-15	30	9.8	✓
559	-15	5834	20	46.9	-15	37	9.4	✓
560								Not in Dm. ✓
561								Not in Dm. ✓
562	-16	5726	20	47.1	-16	8	9.5	✓
563	-16	5729	20	47.3	-16	8	9.8	✓
564								Not in Dm. ✓
565								Not in Dm. ✓
566								Not in Dm. ✓
567	-16	5732	20	48.3	-16	1	9.3	✓
568								Not in Dm. ✓
569								Not in Dm. ✓
570								Not in Dm. ✓
571								Not in Dm. ✓
572								Not in Dm. ✓
573	-15	5841	20	48.7	-15	25	9.3	✓
574								Not in Dm. ✓
575								Not in Dm. ✓

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1932phae.proj.22741C

Jan. 16, 1933

B 45074

7.C.

576	1	K2	
577	2	g0	Insolu. Assume nonetheu.
578	3	g5-	
579	1	K2	
580	2	g5	
581	2	F8	
582	2	g0	
583	3	g5-	
584	2	g0	
585	2	g0	
586	1	K7	
587	2	K7	
588	1	K7	
589	1	K2	fne. 7 2
590	1	F0	
591	1	K0	
592	2	g5	
593	2	F5-	
594	2	F8	
595	1	K0	
596	1	g0	
597	1	F8	
598	2	F5	
599	2	K5-	
600	2	g0	

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1932phae.proj.2271C

B 43502 Jan. 23, 1933

576								Not in Dm. ✓
577	-16°	5736	20h	49.0m	-16°	12′	9.8	✓
578	-16	5737	20	49.0	-16	6	9.6	✓
579								Not in Dm. ✓
580	-15	5844	20	49.7	-15	42	10	✓
581								Not in Dm. ✓
582	-15	5845	20	49.8	-15	33	9.5	✓
583	-16	5746	20	50.4	-16	2	9.5	✓
584	-15	5849	20	50.7	-15	59	9.5	✓
585	-15	5851	20	51.2	-15	52	9.5	✓
586	-16	5757	20	51.0	-16	19	9.8	✓
587								Not in Dm. ✓
588	-16	5752	20	50.8	-16	32	10	✓
589								Not in Dm. ✓
590								Not in Dm. ✓
591	-15	5850	20	50.8	-15	4	9.8	✓
592	-15	5847	20	50.1	-15	14	9.5	✓
593								Not in Dm. ✓
594	-15	5854	20	52.0	-15	1	9.4	✓
595	-14	5905	20	52.0	-14	57	9.7	✓
596								Not in Dm. ✓
597								Not in Dm. ✓
598								Not in Dm. ✓
599	-14	5904	20	51.9	-14	29	9.4	✓
600	-14	5903	20	51.9	-14	36	10	✓

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1932phae.proj.2274C

Jan. 17, 1933

13 45074

7. C.

601	3	F0
602	4	g5
603	2	g0
604	1	F2
605	1	g5
606	2	K0
607	1	g5
608	2	K2
609	2	F8
610	1	m0
611	1	K2
612	2	K0
613	2	g0
614	2	F8
615	1	g0
616	1	m0
617	1	K7
618	1	g
619	2	K5-
620	2	K0 ~~A0~~
621	1	K0
622	3	K0
623	1	K5-
624	3	K7
625	3	a5

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1932phae.proj.2274C

B 43502 Jan. 23, 1933

			h	m				
601	-15°	5810	20	42.6	-15°	15'	9.5	✓
602	-15	5809	20	42.6	-15	20	8.8	✓
603	-14	5865	20	43.1	-14	45	9.7	~~hot~~ ✓
604	-14	5868	20	43.7	-14	46	10	✓
605								hot in dm. ✓
606	-14	5869	20	43.9	-14	31	9.6	✓
607								hot in dm. ✓
608	-15	5824	20	44.8	-15	2	9.3	✓
609	-15	5826	20	45.8	-15	8	9.7	✓
610	-15	5827	20	45.9	-15	7	9.7	✓
611								hot in dm. ✓
612	-14	5872	20	44.8	-14	39	9.8	✓
613	-14	5870	20	44.3	-14	20	9.9	✓
614	-14	5874	20	45.0	-14	30	10	✓
615								hot in dm. ✓
616	-14	5877	20	45.8	-14	16	10	✓
617								hot in dm. ✓
618								hot in dm. ✓
619	-14	5881	20	46.5	-14	49	9.7	✓
620								hot in dm. ✓
621	-14	5885	20	47.3	-14	26	10	✓
622	-14	5886	20	47.4	-14	39	9.4	✓
623								hot in dm. ✓
624	-14	5888	20	47.9	-14	57	9.3	✓
625	-15	5837	20	47.9	-15	0	9.8	✓

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Jan. 17, 1933

B 45074

7.C.

626	2	g_5^-
627	1	g_0
628	3	g_0
629	1	F_5^-
630	1	K_0
631	2	F_5^-
632	3	a_2
633	1	K_7
634	1	g_0
635	3	g_0
636	2	K_7
637	3	g_0
638	1	g_5^-
639	1	g_0
640	1	K_0
641	1	g_0
642	3	F_5^-
643	1	K_5^-
644	2	g_5^-
645	2	g_0
646	4	K_2
647	1	F_8
648	2	F_5^-
649	1	g_0
650	2	g_0

fol. of 2

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1932phae.proj.2274C

B 43502 Jan. 23, 1933

626	-15°	5836	20h	47.5m	-15°	14'	9.5	✓
627								Not in Dm. ✓
628	-15	5839	20	47.9	-15	14	9.2	✓
629								Not in Dm. ✓
630	-14	5889	20	48.0	-14	33	10	✓
631								Not in Dm. ✓
632	-14	5891	20	48.2	-14	40	9.8	✓
633								Not in Dm. ✓
634								Not in Dm. ✓
635	-14	5887	20	47.6	-14	1	9.5	✓
636								Not in Dm. ✓
637	-14	5890	20	48.1	-14	4	9.4	✓
638	-13	5789	20	47.2	-13	30	9.8	✓
639	-13	5792	20	47.7	-13	40	10	✓
640								Not in Dm. ✓
641								Not in Dm. ✓
642	-13	5794	20	48.4	-13	16	9.8	✓
643	-13	5795	20	48.6	-13	20	10	✓
644	-13	5797	20	48.8	-13	28	10	✓
645	-13	5796	20	48.8	-13	53	10	✓
646	-14	5893	20	49.3	-14	21	9.0	Not ✓
647	-14	5892	20	49.1	-14	31	10	✓
648	-14	5894	20	49.9	-14	26	10	✓
649	-15	5843	20	49.5	-15	14	9.5	✓
650	-14	5897	20	50.3	-14	27	10	✓

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Jan. 17, 1933

B 45074

7.C.

651	3	F8
652	2	K7
653	4	g0
654	2	a2
655	3	g0
656	2	K2
657	2	K0
658	1	K0
659	1	F8
660	1	K2
661	2	g0
662	3	g5
663	1	F8
664	2	K0
665	1	g5
666	4	F2
667	1	K7
668	2	K2
669	2	K7
670	3	F5
671	2	F2
672	1	K2
673	2	a3
674	2	g5
675	2	g0

Two class. Assume the reddening

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1932phae.proj.22741C

B43502 Jan. 23, 1933

			h	m				
651	−14°	5898	20	50.6	−14°	23	9.5	✓
652	−14	5899	20	50.7	−14	14	9.5	✓
653	−14	5900	20	50.8	−14	2	9.6	✓
654	~~−15~~	~~5831~~	~~20~~	~~46.6~~	~~−15~~	~~9~~	~~10~~	~~Not in Dm.~~
655	−13	5801	20	50.1	−13	58	9.4	✓
656	−13	5802	20	50.1	−13	55	9.5	✓
657	−13	5806	20	50.3	−13	52	9.5	✓
658								Not in Dm. ✓
659								Not in Dm. ✓
660								Not in Dm. ✓
661	−13	5799	20	49.6	−13	26	10	✓
662	−13	5798	20	49.1	−13	34	9.4	✓
663								Not in Dm. ✓
664								Not in Dm. ✓
665								Not in Dm. ✓
666	−12	5871	20	49.0	−12	38	9.5	✓
667	−12	5868	20	48.1	−12	58	9.7	✓
668	−12	5867	20	48.0	−12	54	9.8	✓
669	−12	5870	20	48.2	−12	44	9.7	✓
670	−12	5874	20	49.8	−12	26	9.8	✓
671	−12	5881	20	50.9	−12	32	9.8	✓
672								Not in Dm. ✓
673								Not in Dm. ✓
674								Not in Dm. ✓
675								Not in Dm. ✓

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1932phae.proj.2274C

Jan. 17, 1933

B 45074

7.C.

676	3	F0-
677	2	F5-
678	1	g5
679	3	g0
680	3	g5-
681	1	g0
682	2	g5-
683	2	M0
684	1	K7
685	2	K7
686	4	g5
687	1	g5
688	1	K5-
689	1	F5-
690	1	K7
691	3	K0
692	3	F2
693	1	M0
694	2	K7
695	1	K7
696	3	K2
697	1	K5-
698	2	K0
699	3	K0
700	2	K5

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1932phae.proj.2274C

B43502 Jan. 23, 1933

676	-13°	5809	20h	51.0	-13°	12'	9.5	
677								Not in Dm. ✓
678								Not in Dm. ✓
679	-13	5812	20	51.7	-13	58	9.5	
680	-13	5815	20	52.3	-13	45	9.8	✓
681								Not in Dm. ✓
682	-13	5816	20	52.4	-13	53	9.5	✓
683	-13	5817	20	52.4	-13	51	9.5	✓
684								Not in Dm. ✓
685	-13	5818	20	52.9	-13	57	9.4	✓
686	-13	5819	20	52.9	-13	12	9.5	✓
687								Not in Dm. ✓
688	-12	5884	20	51.8	-12	31	9.7	✓
689	-12	5883	20	51.5	-12	26	9.9	✓
690	-12	5885	20	53.0	-12	8	9.6	✓
691	-11	5499	20	53.8	-11	59	9.4	✓
692	-11	5501	20	54.1	-11	54	9.6	✓
693	-12	5893	20	54.4	-12	20	9.5	✓
694	-12	5894	20	55.0	-12	29	9.4	✓
695	-12	5892	20	54.3	-12	44	9.6	✓
696	-12	5887	20	53.7	-12	54	9.4	✓
697	-12	5888	20	53.8	-12	51	9.8	✓
698	-13	5828	20	54.1	-13	3	9.5	✓
699	-12	5891	20	54.3	-12	59	9.5	✓
700	-13	5829	20	54.4	-13	3	9.4	✓

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1932phae.proj.2274C

Jan. 18, 1933

B 39392 Cont. from, Bk. 115, 114

7.C.

159	1	G0
160	2	K0
161	1	K0
162	2	F8
163	2	K2
164	3	K2
165	2	G0
166	2	K0
167	3	F8
168	2	G5-
169	2	K0
170	3	A2
171	2	K5-
172	3	F5-
173	2	F8
174	3	G0
175	2	F5-

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1932phae.proj.2274C

B 41527 Jan. 24, 1933

159	-18°	5859	20h	59.1m	-18°	28′	9.8	✓
160								Not in Dm. ✓
161								Not in Dm. ✓
162								Not in Dm. ✓
163	-18	5864	20	59.8	-18	7	9.5	✓
164	-18	5805	20	59.0	-18	4	9.8	✓
165								Not in Dm. ✓
166	-17	6187	21	0.0	-17	29	10	✓
167	-17	6190	21	0.3	-17	34	10	✓
168								Not in Dm. ✓
169	-18	5868	21	0.8	-18	12	9.7	✓
170	-18	5867	21	0.6	-18	37	9.5	✓
171	-18	5869	21	1.5	-18	17	9.8	✓
172								Not in Dm. ✓
173								Not in Dm. ✓
174	-18	5872	21	2.2	-18	36	9.5	✓
175								Not in Dm. ✓

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1932phae.proj.2274C

Jan. 18, 1933

B 39392

Z. C.

176	2	g_0
177	1	a_5^-
178	1	K_7
179	1	F_5^-
180	2	F_8
181	2	F_0
182	2	g_5^-
183	3	g_5^-
184	1	F_8
185	1	K
186	2	g_5^-
187	1	g
188	1	F_5^-
189	1	g
190	1	K_0
191	1	F_8
192	1	K_2
193	2	F_5^-
194	2	K_2
195	1	K_0
196	2	g_0
197	1	g_5^-
198	2	g_0
198a	1	K_0
199	2	F_5^-
199a	2	g_0
200	1	F_8

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1932phae.proj.2274C

B 41527

176								Not in Dm. ✓
177								Not in Dm. ✓
178								Not in Dm. ✓
179								Not in Dm. ✓
180								Not in Dm. ✓
181								Not in Dm. ✓
182	−17°	6201	21h	3.5m	−17°	6′	9.8	✓
183	−17	6198	21	2.6	−17	10	10	✓
184								Not in Dm. ✓
185								Not in Dm. ✓
186								Not in Dm. ✓
187								Not in Dm. ✓
188								Not in Dm. ✓
189								Not in Dm. ✓
190								Not in Dm. ✓
191								Not in Dm. ✓
192								Not in Dm. ✓
193								Not in Dm. ✓
194								Not in Dm. ✓
195								Not in Dm. ✓
196								Not in Dm. ✓
197								Not in Dm. ✓
198								Not in Dm. ✓
198a	−18°	5896	21	7.2	−18	8	9.7	✓
199								Not in Dm. ✓
199a	−18	5897	21	8.0	−18	13	10	✓
200								Not in Dm. ✓

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1932phae.proj.2274C

Jan. 18, 1933

B 39392

7. C.

201	2	K0
202	2	g5-
203	1	K0
204	3	F5-
205	2	K5-
206	3	K5-
207	1	F8
208	1	K2
209	3	F5-
210	4	g0
211	1	F5-
212	3	F2
213	2	K7
214	3	g0
215	3	g5-
216	1	K7
217	1	g5-
218	1	K7
219	1	K0
220	3	g0
221	1	F5-
222	4	F0
223	1	K7
224	2	K5-
225	1	F5-

fair. of 2

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1932phae.proj.2274C

B 41527 Jan. 24, 1933

201								Not in Dm. ✓
202								Not in Dm. ✓
203								Not in Dm. ✓
204	-19°	6056	21h	6.0m	-19°	14′	10	✓
205								Not in Dm. ✓
206	-19	6052	21	5.0	-19	45	9.5	✓
207								Not in Dm. ✓
208	-19	6051	21	4.9	-19	32	9.8	✓
209	-19	6050	21	4.7	-19	47	9.8	✓
210	-19	6048	21	4.5	-19	47	9.5	✓
211								Not in Dm. ✓
212	-19	6047	21	4.0	-19	21	9.6	✓
213								Not in Dm. ✓
214	-19	6044	21	3.6	-19	6	9.8	✓
215	-19	6045	21	3.6	-19	5	9.5	✓
216	-19	6043	21	3.4	-19	18	9.5	✓
217								Not in Dm. ✓
218	-19	6042	21	3.2	-19	29	9.7	✓
219								Not in Dm. ✓
220	-19	6036	21	1.7	-19	26	9.5	✓
221								Not in Dm. ✓
222	-20	6142	21	1.2	-20	3	9.7	✓
223	-19	6031	21	1.1	-19	55	9.8	✓
224	-19	6030	21	0.9	-19	48	9.5	✓
225	-20	6141	21	1.9	-20	36	9.8	

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1932phae.proj.2274C

Jan. 18, 1933

B 39392

7.C.

226	3	K0
227	1	F8
228	1	g5-
229	1	K7
230	2	F8
231	1	a7
232	1	g5-
233	1	m
234	1	K7
235	1	K5-
236	2	g0
237	3	g0
238	3	F5-
239	2	F2
240	2	F8
241	1	a3
242	2	g0
243	2	g5-
244	3	K0
245	3	g0
246	2	K7
247	1	g
248	2	a5-
249	1	F
250	1	K0

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1932phae.proj.2274C

B 41527 Jan. 24, 1933

226	-20°	6134	20h	59.7m	-20°	31'	9.5	✓
227	-19	6020	20	58.8	-19	32	9.8	✓
228								hot in Dm. ✓
229	-19	6019	20	58.8	-19	20	9.7	✓
230	-20	6148	21	3.5	-20	7	9.8	✓
231	-20	6149	21	3.6	-20	30	9.6	✓
232								hot in Dm. ✓
233	-19	6046	21	3.9	-19	46	9.5	✓
234								hot in Dm. ✓
235								hot in Dm. ✓
236	-20	6156	21	4.7	-20	19	9.5	✓
237	-20	6150	21	4.7	-20	10	9.5	✓
238	-20	6157	21	4.9	-20	3	9.5	✓
239								hot in Dm. ✓
240	-20	6162	21	6.2	-20	41	9.6	✓
241	-20	6166	21	7.4	-20	12	9.8	✓
242	-19	6059	21	7.7	-19	52	10	✓
243								hot in Dm. ✓
244	-19	6066	21	10.1	-19	29	9.5	✓
245	-19	6067	21	10.4	-19	34	9.5	✓
246	-18	5899	21	9.0	-18	57	9.7	✓
247								hot in Dm. ✓
248	-19	6071	21	10.7	-19	48	10	✓
249								hot in Dm. ✓
250	-20	6180	21	10.5	-20	40	9.2	✓

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1932phae.proj.2274c

Jan. 18, 1933

B 39392

7. C.

251	2	F5-
252	2	F8
253	1	K7
254	2	F2
255	1	K5-
256	2	F0-
257	1	g5-
258	1	g
259	2	K7
260	2	F
261	1	K7
262	1	K2
263	1	K0
264	2	g0
265	1	K0
266	2	F0
267	2	g0
268	1	K7
269	1	K0
270	2	F5-
271	2	g5-
272	3	g5
273	1	K0
274	1	g
275	1	g

fol. of 2

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1932phae.proj.227HC

B 41827 Jan. 24, 1933

251								Not in Dm. ✓
252	-20°	6184	21h	11.9m	-20°	33′	9.5	✓
253	-19	6072	21	12.1	-19	57	9.5	✓
254								Not in Dm. ✓
255	-20	6187	21	12.7	-20	16	9.5	✓
256	-20	6188	21	12.7	-20	30	9.8	✓
257	-20	6193	21	13.3	-20	42	9.2	✓
258	-20	6197	21	14.5	-20	34	9.8	✓
259	-20	6199	21	14.6	-20	28	9.5	✓
260	-20	6202	21	15.0	-20	33	9.5	✓
261	-20	6196	21	14.4	-20	47	9.4	✓
262	-20	6198	21	14.5	-20	50	9.6	✓
263	-20	6200	21	14.9	-20	16	9.4	✓
264	-19	6075	21	12.4	-19	12	9.9	✓
265								Not in Dm. ✓
266								Not in Dm. ✓
267	-18	5907	21	11.1	-18	31	9.8	✓
268								Not in Dm. ✓
269								Not in Dm. ✓
270								Not in Dm. ✓
271								Not in Dm. ✓
272	-17	6233	21	11.2	-17	55	9.8	✓
273								Not in Dm. ✓
274								Not in Dm. ✓
275								Not in Dm. ✓

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1932phae.proj.2274C

Jan. 18, 1933

B 39392

Z.C.

276	1	g_5^-
277	1	g_5^-
278	2	K_7
279	2	K_5^-
280	1	F_8
281	1	F_5^-
282	1	K_0
283	2	F_2
284	1	F_8
285	1	g_0
286	2	g_5^-
287	2	F_2
288	2	g_0
289	1	F_5^-
290	1	g_5^-
291	3	g_0
292	1	K_0
293	2	F_8
294	1	K_0
295	2	F_5^-
296	2	F_8
297	1	K_2
298	2	F_8
299	1	K_5^-
300	3	g_0

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1932phae.proj.2274C

B 41527 Jan. 24, 1933

276								Not in Dm. ✓
277								Not in Dm. ✓
278	-17°	6242	21h	13.1	-17°	41'	9.5	✓
279	-17	6243	21	13.1	-17	34	10	✓
280								Not in Dm. ✓
281								Not in Dm. ✓
282	-17	6241	21	12.7	-17	29	9.9	
283								Not in Dm. ✓
284								Not in Dm. ✓
285								Not in Dm. ✓
286	-16	5847	21	13.3	-16	59	10	✓
287	-16	5853	21	14.3	-16	40	9.3	✓
288	-16	5846	21	12.4	-16	50	10	✓
289								Not in Dm. ✓
290	-16	5842	21	11.5	-16	45	9.8	✓
291	-16	5832	21	9.7	-16	44	9.4	✓
292	-16	5830	21	8.9	-16	51	9.8	✓
293								Not in Dm. ✓
294	-16	5829	21	8.5	-16	50	10	✓
295	-16	5828	21	8.3	-16	28	9.6	✓
296								Not in Dm. ✓
297	-17	6226	21	9.2	-17	43	10	✓
298	-17	6222	21	8.4	-17	7	10	✓
299	-17	6220	21	7.6	-17	18	9.8	✓
300	-17	6217	21	7.5	-17	10	9.8	✓

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1932phae.proj.2274C

Jan. 25, 1933

B 39392

7.C.

301	2	g0
302	1	K5
303	2	F0
304	1	K
305	2	K0
306	2	F8
307	1	g0
308	1	K2
309	2	K2
310	1	F5
311	2	F8
312	1	g0
313	1	K
314	2	K0
315	2	F8
316	1	K0
317	3	K0
318	1	K2
319	2	K0
320	3	g0
321	3	K0
322	2	a7
323	1	K0
324	1	F5
325	1	F8

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1932phae.proj.2274C

B 39223 Jan. 26, 1933

				h m				
301	-16°	5862	21	18.0	-16°	50'	9.8	✓
302	-17	6255	21	16.0	-17	5	9.7	✓
303	-17	6258	21	16.3	-17	39	9.5	✓
304								hot in Dm. ✓
305	-17	6266	21	17.9	-17	37	9.8	✓
306	-18	5932	21	17.7	-18	0	10	✓
307	-18	5937	21	18.5	-18	0	9.8	✓
308								hot in Dm. ✓
309	-18	5938	21	18.8	-18	5	9.4	✓
310	-17	6269	21	18.7	-17	4	9.8	✓
311	-17	6271	21	18.8	-17	10	9.8	✓
312	-17	6264	21	17.7	-17	10	10	✓
313	-17	6276	21	19.5	-17	10	9.8	✓
314	-17	6278	21	19.6	-17	7	9.8	✓
315	-17	6289	21	20.4	-17	2	10	✓
316								hot in Dm. ✓
317	-17	6284	21	20.0	-17	40	9.4	✓
318								hot in Dm. ✓
319								hot in Dm. ✓
320	-18	5920	21	14.7	-18	25	9.8	✓
321	-18	5915	21	13.9	-18	23	9.6	✓
322	-18	5914	21	13.9	-18	4	10	✓
323	-18	5917	21	14.4	-18	39	10	✓
324								hot in Dm. ✓
325	-18	5925	21	16.1	-18	50	9.8	✓

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Jan. 25, 1933

B 39392

7.C.

326	1	K2
327	1	g5
328	1	g0
329	1	K0
330	2	g0
331	1	g0
332	1	F5

Additional Stars for MWF 209

B14376

1	4	G0

B39407

71a	1	K5
151a	1	F8
440a		F8
441a		G
442a		G0
67a		F5
68a		F0
22a		A0

B40851

1	1	K0
2	2	K5
3	1	K0

B45074

229a	2	G0

Cal. p. 177

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1932phae.proj.2274C

B 39223 Jan. 26, 1933

326	-19°	6089	21h	16.3m	-19°	10'	9.7	✓
327	-19	6086	21	14.7	-19	2	10	✓
328	-19	6080	20	14.7	-19	29	10	✓
329	-19	6087	21	15.0	-19	43	9.5	✓
330	-19	6091	21	16.8	-19	41	9.5	✓
331								Not in Dm. ✓
332	-20	6213	21'	19.5	-20	8	9.8	✓

B39479

41a	1	K0
98a	1	K2
97a	2	G0

B39705

AG7472		G0

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1932phae.proj.2274C

Jan. 25, 1933

B 45084

Z.C.

1	1	g5	
2	1	F8	
3	2	F5	
4	2	g0	
5	1	F8	
6	2	F5	
7	3	g0	
8	4	g5	
9	1	g0	
10	2	F5	
11	1	g0	
12	2	g0	
13	x3	F5 ~~g5~~	Orig 13 consists of 2 plates.
14	1	F8	
15	1	K0	
16	2	g0	
17	+1	g0	
18	1	g5	
19	1	g0	
20	3	g0	
20a	2	M1e	1+r, 1+f, just the faintest h, Lmin. T Cas.
21	1	K0	
22	1	g0	
23	1	K7	
24	2	F8	
25	3	g0	

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B 39223 Jan. 26, 1933

1	-16°	5823	21h	6.9m	-16°	24′	9.5	✓
2								Not in Dm. ✓
3								Not in Dm. ✓
4								Not in Dm. ✓
5								Not in Dm. ✓
6	-16	5838	21	10.8	-16	56	9.8	✓
7	-16	5835	21	10.6	-16	6	9.6	✓
8	-15	5945	21	10.9	-15	43	9.1	✓
9	-15	5946	21	11.1	-15	07	9.8	✓
10	-15	5948	21	11.5	-15	44	9.7	✓
11								Not in Dm. ✓
12	-15	5947	21	11.3	-15	10	9.8	✓
13	-14	5988	21	9.8	-14	23	10	✓
14								Not in Dm. ✓
15	-14	5985	21	9.5	-14	47	9.5	✓
16	-15	5952	21	12.7	-15	15	9.8	✓
17								Not in Dm. ✓
18	-15	5954	21	12.9	-15	58	9.5	✓
19								Not in Dm. ✓
20	-15	5959	21	13.9	-15	42	9.0	✓
20a	-15	5960	21	14.0	-15	47	Var.	✓
21	-15	5961	21	14.1	-15	32	9.3	✓
22	-15	5964	21	14.5	-15	47	10	✓
23	-15	5966	21	14.7	-15	40	9.5	✓
24	-15	5968	21	14.9	-15	34	9.5	✓
25	-15	5967	21	14.9	-15	56	9.5	✓

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1932phae.proj.227*C

Jan. 25, 1933

B 45084

7. C.

26	2	K0
27	3	g0
28	4	g0
29	1	g5
30	3	F8

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B 39223 Jan. 26, 1933

26	-16°	5855	21h	15.5m	-16°	30′	g.4	✓
27	-16	5854	21	15.3	-16	20	g.4	✓
28	-16	5852	21	14.0	-16	20	g.0	✓
29								hot in dm. ✓
30	-17	6246	21	14.2	-17	1	g.3	✓

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1932phae.proj.227MC

Wed., April 12, 1933

M 7.8114

Cont. from pg. 104

7.C.

1601	1	g0
1602	2	F2
1603	2	M0
1604	4	g0
1605	7	K0
1606	1	M0
1607	8	F5
1608	1	F0
1609	8	F2
1610	1	g0
1611	4	F5
1612	3	a2
1613	3	F2
1614	2	F0
1615	1	a7
1616	3	F8
1617	3	F0
1618	4	K0
1619	1	g0
1620	1	F5
1621	3	g0
1622	1	F5
1623	3	F0
1624	2	F5
1625	3	a3

~~cont. in Bk 190, 136~~

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1932phae.proj.2274C

M7 967 April 20, 1933

1601								Not in Dm.
1602								Not in Dm.
1603	+23°	4177	20h	47.6	+23°	18′	9.3	
1604	+23	4178	20	47.9	+23	32	9.5−	
1605	+23	4176	20	47.6	+23	33	8.7	
1606	+23	4174	20	47.4	+23	33	9.5−	
1607	+23	4175	20	47.6	+23	54	8.9	
1608								Not in Dm.
1609	+24	4266	20	47.4	+24	4	8.5−	
1610	+24	42 ~~68~~	20	47.8	+24	17	9.5−	
1611	+24	42 ~~68~~ 69	20	47.9	+24	15	8.9	
1612	+24	4270	20	47.9	+24	9	9.5−	
1613	+23	4179	20	48.1	+23	50	9.5−	
1614								Not in Dm.
1615								Not in Dm.
1616	+24	4275	20	49.1	+24	8	9.4	
1617								Not in Dm.
1618	+23	4182	20	49.5	+23	54	9.2	
1619								Not in Dm.
1620								Not in Dm.
1621								Not in Dm.
1622								Not in Dm.
1623	+23	4184	20	50.0	+23	7	9.5−	
1624								Not in Dm.
1625	+23	4188	20	50.5	+23	16	9.5−	

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1932phae.proj.227ac

april 12, 1933

m7 8114

7.C.

1626	2	a_2
1627	1	F_8
1628	1	K_5
1629	2	a_7
1630	2	F_5
1631	5	m_0
1632	1	a_2
1633	5	K_0
1634	1	F_8
1635	4	K_0
1636	3	K_0
1637	3	K_0
1638	2	F_8
1639	2	F_5
1640	6	m_0
1641	1	F_5
1642	7	a_0
1643	4	a_7
1644	2	K_2
1645	3	B_9
1646	3	g_0
1647	1	g_5
1648	5	F_0
1649	6	a_0
1650	4	K_0

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1932phae.proj.2274C

M7 967 April 20, 1933

1626								Not in Dm.
1627								Not in Dm.
1628	+22°	4247	20h	50.8m	+22°	32′	9.4	
1629								Not in Dm.
1630								Not in Dm.
1631	+22	4251	20	51.4	+22	30	8.9	
1632								Not in Dm.
1633	+22	4253	20	51.8	+22	53	8.8	
1634								Not in Dm.
1635	+23	4191	20	50.9	+23	11	9.2	
1636	+23	4196	20	51.3	+23	14	9.2	
1637	+23	4197	20	51.4	+23	15	9.5	
1638								Not in Dm.
1639								Not in Dm.
1640	+24	4201	20	51.8	+24	20	8.0	
1641								Not in Dm.
1642	+24	4202	20	51.9	+24	40	8.8	
1643	+24	4203	20	52.0	+24	41	9.5	
1644	+24	4288	20	51.9	+24	3	9.4	
1645	+23	4199	20	51.6	+23	58	9.4	
1646	+23	4198	20	51.4	+23	51	9.5	
1647	+23	4195	20	51.2	+23	48	9.5	
1648	+23	4192	20	51.0	+23	38	9.4	
1649	+23	4187	20	50.5	+23	39	9.0	
1650	+23	4186	20	50.2	+23	44	9.3	

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1932phae.proj.227dc

April 12, 1933

8114
17 ~~803~~

7.c.

1651	1	g
1652	2	g_0
1653	6	a_0
1654	6	g_0
1655	3	F8
1656	4	a_2
1657	4.	K_0
1658	2	m_0
1659	1	K_5
1660	2	K_5
1661	1	g
1662	1	K_2
1663	5.	F0
1664	1.	K_2
1665	2	K_0
1666	3	F8
1667	5.	F0
1668	5	a_7
1669	8	F5
1670	1	F
1671	2	a_7
1672	2	F5
1673	3	a_3
1674	4.	F0
1675	7	K_0

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1932phae.proj..227UC

M7 967 April 20, 1933

				h	m	°	′		
1651									Not in Dm.
1652									Not in Dm.
1653	+24°	4279	20		50.0	+24°	4′	9.5⁻	
1654	+24	4280	20		50.0	+24	14	9.1	
1655⁻	+24	4278	20		49.7	+24	11	9.5⁻	
1656	+24	4277	20		49.5	+24	29	9.5⁻	
1657	+24	4274	20		48.9	+24	28	9.1	
1658	+24	4273	20		48.7	+24	29	9.4	
1659									Not in Dm.
1660	+24	4272	20		48.5⁻	+24	41	9.5⁻	
1661									Not in Dm.
1662									Not in Dm.
1663	+24	4267	20		47.5	+24	46	9.2	
1664	+24	4264	20		46.9	+24	16	9.5⁻	
1665⁻									Not in Dm.
1666									Not in Dm.
1667	+23	4172	20		46.3	+23	54	9.5⁻	
1668	+24	4261	20		45.9	+24	3	9.5⁻	
1669	+24	4260	20		45.8	+24	10	~~8.7~~ ~~10.1~~	
1670									Not in Dm.
1671									Not in Dm.
1672									Not in Dm.
1673	+24	4258	20		45.1	+24	11	9.5⁻	
1674	+23	4171	20		45.7	+23	91	9.5⁻	
1675⁻	+23	4167	20		44.9	+23	40	8.8	
~~1676~~									
/									

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1932phae.proj.2274c

april 12, 1933

17 8114

F.C.

1476	4	a3
1477	2	g5
1478	3	F0
1479	3	a7
1680	1	K7
1681	1	g5
1682	1	K2
1683	1	K0
1684	1	F8
1685	2	F0
1686	4	a3
1687	1	g0
1688	1	g0
1689	3	a0
1690	2	a0
1691	2	g5
1692	5	F8
1693	1	K0
1694	8	a2
1695	1	g0
1696	5	g5
1697	1	K5
1698	1	g0
1699	5	F0
1700	2	F5

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1932phae.proj..227.tif

M7 967 april 20, 1933

1676	+23°	4166	20h	44.9m	+23°	45'	9.5
1677							Not in Dm.
1678	+23	4163	20	44.1	+23	46	9.5
1679							Not in Dm.
1680	+23	4162	20	43.7	+23	45	9.5
1681							Not in Dm.
1682	+23	4158	20	43.2	+23	26	9.5
1683							Not in Dm.
1684							Not in Dm.
1685							Not in Dm.
1686							Not in Dm.
1687							Not in Dm.
1688							Not in Dm.
1689							Not in Dm.
1690							Not in Dm.
1691							Not in Dm.
1692	+24	4254	20	43.6	+24.4	29	9.3
1693							Not in Dm.
1694	+24	4253	20	43.4	+24.4	20	8.5
1695							Not in Dm.
1696	+24	4251	20	42.8	+24.4	26	9.2
1697							Not in Dm.
1698							Not in Dm.
1699							Not in Dm.
1700							Not in Dm.

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1932phae.proj.2274c

April 14, 1933

Dm 7 8114

F.C.

1701	3	A7
1702	2	F8
1703	1	A5-
1704	6	F2
1705	3	F0
1706	1	F0
1707	1	G5-
1708	1	F5-
1709	3	K2
1710	1	F2
1711	3	K5-
1712	5-	F0
1713	2	A2
1714	2	F2
1715	2	K7
1716	2	G0
1717	2	G5-
1718	1	G5-
1719	2	K7
1720	7	A3
1721	3	G5-
1722	7	K0
1723	1	F8
1724	4	F5-
1725	1	K2

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1932phae.proj.2274C

I 22896 April 25, 1933

1701								Not in Dm.
1702								Not in Dm.
1703								Not in Dm.
1704	+24°	4130	20h	20.3	+24°	45′	8.9	
1705	+24	4127	20	19.9	+24	51	9.5	
1706								Not in Dm.
1707								Not in Dm.
1708								Not in Dm.
1709								Not in Dm.
1710								Not in Dm.
1711								Not in Dm.
1712	+25	4236	20	20.2	+25	22	9.5	
1713								Not in Dm.
1714								Not in Dm.
1715								Not in Dm.
1716								Not in Dm.
1717	+25	4243	20	21.0	+25	36	9.5	~~Not~~
1718								Not in Dm
1719	+25	4241	20	20.8	+25	15	9.5	
1720	+25	4239	20	20.8	+25	3 4	8.9	
1721	+25	4240	20	20.8	+25	7	9.4	
1722	+25	4242	20	21.0	+25	10	8.7	
1723								Not in Dm.
1724	+25	4244	20	21.2	+25	2	9.4	
1725								Not in Dm.

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1932phae.proj.2274c

April 14, 1933

M 7 8114

7.C.

1726	2	g_0^-
1727	4	g_0
1728	4	a_2
1729	2	a
1730	3	g_0^-
1731	2	F_0
1732	3	K_5^-
1733	2	a_3
1734	6	a_0^-
1735	3	g_0
1736	1	g_0^-
1737	1	a_0^-
1738	2	K_2
1739	1	K_5^-
1740	1	K_0
1741	6	g_0
1742	3	g_0^-
1743	3	K_5^-
1744	3	F_8
1745	2	g_0
1746	3	a_0
1747	3	g_0
1748	3	F_5^-
1749	2	a_2
1750	3	F_0

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1932phae.proj.22896

I 22896 April 25, 1933

1726								Not in Dm.
1727	+24°	4136	20h	21.5	+24°	58′	9.5	
1728	+24	4137	20	21.7	+24	56	9.5	
1729								Not in Dm.
1730	+25	4249	20	21.7	+25	2	9.5	
1731	+25	4246	20	21.5	+25	13	9.5	~~Not in Dm.~~
1732	+25	4245	20	21.5	+25	23	9.5	
1733								Not in Dm.
1734	+25	4248	20	21.7	+25	28	9.3	
1735								Not in Dm.
1736								Not in Dm.
1737								Not in Dm.
1738								Not in Dm.
1739								Not in Dm.
1740								Not in Dm.
1741	+25	4251	20	22.4	+25	26	9.3	
1742								Not in Dm.
1743	+24	4142	20	22.6	+24	56	9.5	
1744	+24	4143	20	23.0	+24	52	9.5	
1745								Not in Dm.
1746	+24	4146	20	23.2	+24	48	9.5	
1747								Not in Dm.
1748	+24	4144	20	23.1	+24	56	9.5	
1749								Not in Dm.
1750								Not in Dm.

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1932phae.proj.2274c

Fri.
April 14, 1933

17 8114

7.C.

1751	1	K5⁻
1752	1	F5⁻
1753	5	F0
1754	1	F0
1755	1	g5⁻
1756	8	F0
1757	2	K7
1758	3	F2
1759	7	a0
1760	3	a0
1761	2	m0
1762	4	K5
1763	6	g0
1764	1	m0
1765	5⁻	F5⁻
1766	2	a5⁻
1767	3	K2
1768	1	F5⁻
1769	2	F5⁻
1770	2	g0
1771	2	K0
1772	3	K7
1773	3	F5⁻
1774	1	F2
1775	3	a0

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1902phae.proj.2271C

I 22896 april 25, 1933

1751								Not in Dm.
1752								Not in Dm.
1753	+24°	4148	20h	23.6	+24°	34′	9.3	
1754								Not in Dm.
1755								Not in Dm.
1756	+24	4149	20	23.7	+24	46	9.0	
1757								Not in Dm.
1758								Not in Dm.
1759	+24	4151	20	23.9	+24	46	9.0	
1760	+24	4150	20	23.8	+24	50	9.5	
1761	+25	4253	20	22.9	+25	14	9.3	
1762	+25	4254	20	23.1	+25	13	9.0	
1763	+25	4252	20	22.7	+25	27	9.3	
1764								Not in Dm.
1765	+25	4255	20	23.1	+25	21	9.3	
1766								Not in Dm.
1767	+25	4256	20	23.4	+25	29	9.2	
1768								Not in Dm.
1769								Not in Dm.
1770	+25	4259	20	23.6	+25	11	9.5	
1771								Not in Dm.
1772	+25	4257	20	23.5	+25	23	9.2	
1773	+25	4261	20	23.7	+25	29	9.3	
1774								Not in Dm.
1775								Not in Dm.

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1932phae.proj.2274C

April 14, 1933

Dm7 8114

7.C.

1776	3	A0
1777	3	K7
1778	3	A3
1779	6	G5
1780	5	G5
1781	5	F8
1782	3	F0
1783	3	K2
1784	1	M0
1785	1	K0
1786	3	A3
1787	4	G5
1788	3	F2
1789	7	A7
1790	4	F0
1791	3	G0
1792	2	F2
1793	4 2	F2
1794	3	M0
1795	2	G0
1796	4	G5
1797	2	K2
1798	4	F8
1799	6	A0
1800	7	A0

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1932phae.proj.2271C

I 22892 april 25, 1933

1776							Not in Dm.
1777	+25°	4263	20h	23.9	+25°	35′	9.3
1778							Not in Dm.
1779	+25	4262	20	23.7	+25	55	8.9
1780	+25	4260	20	23.7	+25	56	8.9
1781	+25	4258	20	23.5	+25	6 0	8.8
1782	+26	3914	20	23.5	+26	8	9.3
1783							Not in Dm.
1784	+26	3910	20	23.2	+26	2	9.5
1785							Not in Dm.
1786							Not in Dm.
1787							Not in Dm.
1788							Not in Dm.
1789	+26	3908	20	22.9	+26	29	9.2
1790	+26	3909	20	23.1	+26	24	9.5
1791							Not in Dm.
1792							Not in Dm.
1793							Not in Dm.
1794	+26	3915	20	24.1	+26	22	9.5 ~~Dm~~,
1795							Not in Dm.
1796	+26	3916	20	24.6	+26	28	9.5
1797							Not in Dm.
1798	+25	4264	20	24.1	+25	51	9.5
1799	+25	4267	20	24.9	+25 6	00	9.4
1800	+25	4268	20	24.9	+25 6	00	8.7

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1932phae.proj.2274C

April 17, 1933

Dm7 8114

F.C.

1801	2	F0
1802	2	K2
1803	3	F0
1804	1	K0
1805	1	F5
1806	1	K7
1807	5	g5
1808	1	g0
1809	2	K2
1810	2	K0
1811	4	a0
1812	5	a0
1813	1	K5
1814	1	K7
1815	3	a7
1816	3	g0
1817	3	F5
1818	2	K7
1819	1	K5
1820	7	F2
1821	1	K2
1822	6	K0
1823	1	F5
1824	1	g0
1825	2	K0

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1932phae.proj.2764C

I 27642

May 25, 1933

1801								Not in Dm.
1802	+26°	3918	20	24.9	+26°	9	9.5	
1803								Not in Dm.
1804								Not in Dm.
1805								Not in Dm.
1806								Not in Dm.
1807	+25	4271	20	25.4	+25	57	9.0	
1808								Not in Dm.
1809	+26	3919	20	25.5	+26	16	9.4	
1810	+26	3920	20	25.7	+26	20	9.4	
1811								Not in Dm.
1812	+26	3923	20	26.1	+26	15	9.5	
1813								Not in Dm.
1814								Not in Dm.
1815	+25	4274	20	26.0	+25	33	9.5	
1816								Not in Dm.
1817	+25	4269	20	25.2	+25	37	9.4	
1818								Not in Dm.
1819								Not in Dm.
1820	+25	4266	20	24.8	+25	30	8.9	Not in Dm.
1821								
1822	+25	4265	20	24.6	+25	17	8.8	
1823								Not in Dm.
1824								Not in Dm.
1825								Not in Dm.

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1932phae.proj.2274C

200

April 17, 1933

M7-8114

7.C.

1826	2	K0
1827	2	F5
1828	4	M0
1829	1	A2
1830	1	A0
1831	3	A0
1832	1	F8
1833	1	K5
1834	3	K0
1835	4	A2
1836	2	G5
1837	2	M0
1838	1	F5
1839	2	M0
1840	2	A3
1841	5	B9
1842	1	G0
1843	1	F8
1844	3	A5
1845	1	K0
1846	6	G5
1847	8	A
1848	1	F5
1849	1	F8
1850	3	A2

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1932phae.proj..227C

I 27642

May 25, 1933

1826								Not in Dm.
1827								Not in Dm.
1828	+25°	4270	20	25.3	+25°	6	8.9	
1829								Not in Dm.
1830								Not in Dm.
1831	+25	4273	20	25.9	+25	11	9.5	
1832								Not in Dm.
1833	+25	4275	20	26.5	+25	19	9.5	
1834	+25	4276	20	26.7	+25	22	9.4	
1835	+25	4278	20	27.1	+25	8	9.4	
1836	+24	4160	20	27.2	+24	57	9.5	
1837	+25	4279	20	27.3	+25	4	9.3	
1838								Not in Dm.
1839	+24	4164	20	27.7	+24	58	9.1	
1840								Not in Dm.
1841	+25	4288	20	27.9	+25	8	9.2	
1842								Not in Dm.
1843	+25	4285	20	27.9	+25	13	9.5	
1844	+25	4286	20	27.9	+25	19	9.5	
1845	+25	4287	20	27.9	+25	23	9.3	
1846	+25	4280	20	27.4	+25	21	8.4	
1847	+25	4281	20	27.4	+25	23	7.9	
1848								Not in Dm.
1849	+25	4282	20	27.6	+25	35	9.5	
1850	+25	4283	20	27.7	+25	31	9.4	

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1932phae.proc.227HC

April 17, 1933

Dm 7 8114

F.C.

1851	3	a_5
1852	1	g_5
1853	4	F_0
1854	3	K_2
1855	1	m_0
1856	3	a_3
1857	4	K_0
1858	2	F_8
1859	3	a_2
1860	3	a_5
1861	3	a_7
1862	2	g_5
1863	3	K_0
1864	2	g_0
1865	4	K_0
1866	1	K_7
1867	2	K_0
1868	5	a_0
1869	3	F_8
1870	1	g_5
1871	3	a_0
1872	2	a_0
1873	6	a_3
1874	3	a_0
1875	3	a_7

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1932phae.proj.2274C

I 27642 May 25, 1933

1851								Not in Dm.
1852								Not in Dm.
1853	+26	3929	20	26.8	+26	1	9.2	
1854	+26	3927	20	26.6	+26	6	9.5	
1855								Not in Dm.
1856								Not in Dm.
1857	+26	3924	20	26.3	+26	34	9.4	
1858								Not in Dm.
1859								Not in Dm.
1860								Not in Dm.
1861								Not in Dm.
1862								Not in Dm.
1863	+26	3932	20	27.9	+26	3	9.5	
1864								Not in Dm.
1865								Not in Dm.
1866	+26	3931	20	27.2	+26	30	9.4	
1867								Not in Dm.
1868	+26	3933	20	28.6	+26	22	9.5	
1869								Not in Dm.
1870								Not in Dm.
1871								Not in Dm.
1872								Not in Dm.
1873	+25	4289	20	28.5	+25	59	8.9	
1874								Not in Dm.
1875								Not in Dm.

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1932phae.proj.2274C

April 17, 1933

M7 8114

7.C.

1876	1	K_0
1877	5	B9
1878	1	K_0
1879	1	g_0
1880	4	K_5
1881	2	g_0
1882	2	a_3
1883	4	K_0
1884	2	g
1885	1	g_5
1886	2	K_5
1887	7	a_0
1888	1	K_0
1889	3	a_7
1890	1	g_0
1891	4	K_0
1892	2	a_7
1893	6	K_0
1894	4	F_2
1895	1	F_0
1896	1	F_2
1897	1	K_7
1898	1	K
1899	2	a_5
1900	7	a_7

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1932phae.proj.2271C

I 27642 May 25, 1923

1876							Not in Dm.
1877	+25°	4290	20h	28.6m	+25°	42′	9.4
1878							Not in Dm.
1879							Not in Dm.
1880	+25	4296	20	29.4	+25	24	9.2
1881							
1882							Not in Dm.
1883	+25	4300	20	29.9	+25	38	9.0
1884							Not in Dm.
1885							Not in Dm.
1886							Not in Dm.
1887	+26	3936	20	29.7	+26	14	9.1
1888							Not in Dm.
1889							Not in Dm.
1890							Not in Dm.
1891	+26	3937	20	30.4	+26	6	8.1
1892							Not in Dm.
1893	+25	4301	20	30.6	+25	54	8.8
1894							Not in Dm.
1895							Not in Dm.
1896							Not in Dm.
1897	+25	4303	20	31.0	+25	42	9.5
1898							Not in Dm.
1899							Not in Dm.
1900	+25	4304	20	31.1	+25	53	8.9

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1932phae.proc.227MC

April 19 1933

M7 8114

F.C.

1901	3	g5
1902	1	K7
1903	1	M0
1904	3	K7
1905	1	K5
1906	3	F0
1907	3	a7
1908	4	g0
1909	3	g0
1910	2	F8
1911	4	F8
1912	2	g0
1913	6	K0
1914	2	F0
1915	1	K0
1916	2	g0
1917	2	g0
1918	1	F5
1919	3	g0
1920	1	g5
1921	3	F0
1922	8	g0
1923	3	a5
1924	1	F8
1925	3	g5

Br. lines ?

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1932phae.proj.2274C

I 23645 — May 25, 1933

1901								Not in Dm.
1902								Not in Dm.
1903								Not in Dm.
1904	+26°	3939	20h	31.0	+26°	14	9.5	
1905								Not in Dm.
1906								Not in Dm.
1907								Not in Dm.
1908								Not in Dm.
1909								Not in Dm.
1910								Not in Dm.
1911	+26	3940	20	31.7	+26	3	9.5	
1912								Not in Dm.
1913	+25	4306	20	31.8	+25	49	8.7	
1914								Not in Dm.
1915								Not in Dm.
1916								Not in Dm.
1917								Not in Dm.
1918								Not in Dm.
1919								Not in Dm.
1920								Not in Dm.
1921								Not in Dm.
1922	+26	3943	20	31.8	+26	12	8.7	
1923	+25	4311	20	32.9	+25	53	9.5	
1924								Not in Dm.
1925	+25	4313	20	33.2	+25	24	9.5	

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1932phae.proc.2274C

April 19, 1933

m 7 8114

7.C.

1926	6	F0
1927	2	K0
1928	1	K0
1929	2	M0
1930	2	K7
1931	5	F0
1932	2	F5
1933	3	M0
1934	5	K7
1935	2	g0
1936	5	K2
1937	3	g5
1938	4	F8
1939	2	g5
1940	3	g0
1941	1	a
1942	2	K0
1943	3	F2
1944	2	K5
1945	2	K0
1946	4	F2
1947	4	g5
1948	1	g5
1949	3	F8
1950	2	g0

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1932phae.proj.2274C

I 23645 May 25, 1933

1926	+25°	4315	20h	33.2m	+25′	23′	9.2	
1927	+25	4314	20	33.2	+25	9	9.5−	
1928								Not in Dm.
1929	+25	4317	20	33.6	+25	22	9.4	
1930								Not in Dm.
1931	+26	4322	20	34.0	+26	26	9.5	
1932								Not in Dm.
1933	+25	4319	20	33.9	+25	42	9.5	
1934	+25	4318	20	33.8	+25	50	8.8	
1935								Not in Dm.
1936	+26	3946	20	33.6	+26	7	8.9	
1937	+26	3950	20	33.5	+26	14	9.5−	
1938	+26	3948	20	33.4	+26	24	9.5	
1939	+26	3949	20	33.4	+26	29	9.5	
1940								Not in Dm.
1941								Not in Dm.
1942								Not in Dm.
1943								Not in Dm.
1944								Not in Dm.
1945								Not in Dm.
1946								Not in Dm.
1947								Not in Dm.
1948								Not in Dm.
1949	+26	4321	20	34.0	+26	51	9.5	
1950								Not in Dm.

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1932phae.proc.2274C

April 19, 1933

M7 8114

7.C.

1951	5	a_0
1952	1	K_0
1953	4	a_2
1954	7	a_2
1955	3	a_0
1956	1	m
1957	2	m_0
1958	1	g_0
1959	2	m_1
1960	1	g_0
1961	1	F_8
1962	2	m_0
1963	3	K_7
1964	4	K_2
1965	2	g_5
1966	2	g_5
1967	7	a_0
1968	6	a_2
1969	3	g_5
1970	7	g_0
1971	3	F_0
1972	1	g_0
1973	1	g_0
1974	4	g_5
1975	7	a_2

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1932phae.proj.2274C

I 23645 — May 25, 1933

1951	+26°	3954	20h	34.3m	+26°	21'	9.5	
1952								Not in Dm.
1953								Not in Dm.
1954	+26	3955	20	34.3	+26	18	8.6	
1955								Not in Dm.
1956								Not in Dm.
1957								Not in Dm.
1958								Not in Dm.
1959	+25	4331	20	34.8	+25	27	9.5	
1960								Not in Dm.
1961								Not in Dm.
1962	+25	4335	20	35.3	+25	25	9.5	
1963	+25	4386	20	35.7	+25	20	9.4	
1964	+25	4337	20	35.7	+25	30	9.4	
1965								Not in Dm.
1966								Not in Dm.
1967	+24	4220	20	36.4	+24	58	8.9	
1968	+24	4219	20	36.3	+24	34	9.5	
1969								Not in Dm.
1970	+24	4221	20	36.7	+24	36	8.5	
1971	+24	4223	20	37.1	+24	54	9.5	
1972								Not in Dm.
1973								Not in Dm
1974	+25	4340	20	37.0	+25	9	9.2	
1975	+25	4350	20	37.6	+25	17	8.9	

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April 19, 1933

M 7 8114

7.C.

1976	2	K2	
1977	2	F8	
1978	1	F8	
1979	2	K5-	
1980	4	g0	
1981	3	F5-	
1982	5	m0	
1983	3	F0	
1984	1	~~F5~~ ~~K2~~	Orig. 1984 dumbell. No change
1985-	2	F5-	
1986	5-	F2	
1987	1	F8	
1988	2	F5-	
1989	2	K0	
1990	3	g0	
1991	2	K0	
1992	1	K0	
1993	2	g0	
1994	1	g5	
1995-	3	F8	
1996	5	a0	
1997	3	m0	
1998	2	g5	
1999	4	g0	
2000	2	K5-	

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1932phae.proj.2274C

I 23645 — May 25, 1933

1976	+25°	4351	20h	37.8m	+25°	17′	9.5	
1977	+24	4225	20	37.7	+24	38	9.5	
1978								Not in Dm.
1979	+24	4226	20	37.7	+24	32	9.0	
1980	+25	4224	20	37.7	+24	20	9.5	
1981								Not in Dm.
1982	+24	4228	20	38.4	+24	27	8.7	
1983	+24	4230	20	39.0	+24	16	9.5	
1984								Not in Dm.
1985								Not in Dm.
1986	+24	4230	20	39.3	+24	10	9.0	
1987	+24	4234	20	39.3	+24	17	9.5	
1988								Not in Dm.
1989								Not in Dm.
1990								Not in Dm.
1991	+24	4236	20	39.8	+24	15	9.4	
1992	+24	4237	20	39.8	+24	9	9.5	
1993								Not in Dm.
1994								Not in Dm.
1995								Not in Dm.
1996	+24	4238	20	40.0	+24	43	9.5	
1997	+24	4239	20	40.2	+24	37	9.5	
1998								Not in Dm.
1999								Not in Dm.
2000								Not in Dm.

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1932phae.pro1.227MC

Wednesday. Nov. 23 1937

MF.8114

MM

2001	1	G5
2002	1	G0
2003	2	A2
2004	1	G5
2005	3	G5
2006	2	F2
2007	1	G0
2008	1	F5
2009	2	K0
2010	1	F8
2011	1	G5
2012	2	F2
2013	3	G0
2014	1	K7
2015	4	A2
2016	5	A2
2017	3	F5
2018	3	K0
2019	3	F8
2020	3	F5
2021	6	F5
2022	4	M0
2023	1	G
2024	4	K0
2025	5	F5

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1932phae.proj.227C

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1932phae.proc.227MC

Nov 24 1937

MF8114

2026	3	A2
2027	1	K5
2028	3	K5
2029	2	A7
2030	4	G0
2031	1	G5
2032	2	G5
2033	2	K0
2034	6	F5
2035	4	K2
2036	1	K0
2037	2	F8
2038	6	G5
2039	3	A0
2040	2	K2
2041	5	G5
2042	2	K0
2043	5	G0
2044	3	A0
2045	1	G0
2046	1	F
2047	3	G0
2048	2	F8
2049	1	K2
2050	2	G5

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1932phae.proj.227aC

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1932phae.pro. 227 AC

Nov 24, 1937

MF 8114

2051	3	A_2
2052	2	K0
2053	1	K0
2054	3	F_2
2055	3	K_2
2056	2	K5
2057	2	K0
2058	3	G5
2059	3	F0
2060	2	K_2
2061	3	K0
2062	1	F5
2063	1	G
2064	1	K7
2065	4	A7
2066	2	A0
2067	2	A5
2068	3	F5
2069	3	F8
2070	7	A0
2071	3	K0
2072	+	~~K0~~
2073	1	K0
2074	1	K2G
2075	1	G

~~2 stars? very much~~ Pec.

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1932phae.proj.227aC

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1932phae.proj.2274C

Nov. 24, 1937

MF 8114

2076	1	K0
2077	2	K2
2078	1	F5
2079	1	K2
2080	2	F0
2081	3	F0
2082	2	K0
2083	3	K0
2084	1	K2
2085	3	A2
2086	5	A2
2087	1	K0
2088	3	F2
2089	3	F5
2090	4	A2
2091	1	K0
2092	3	F2
2093	1	K0
2094	1	K2
2095	2	K5
2096	3	A7
2097	4	F2
2098	2	A3
2099	2	K7
2100	2	G0

cont. in Bk. 190, 136

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1932phae.proj.227aC

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