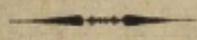


Д.Х.

АСТРОНОМИЧЕСКИЙ ИНСТИТУТ

АСТРОНОМИЧЕСКИЙ
ЕЖЕГОДНИК
на 1928 г.



ЛЕНИНГРАД
ИЗДАНИЕ АСТРОНОМИЧЕСКОГО ИНСТИТУТА
1927

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1927

Печатано по распоряжению Астрономического Института.

Директор **Б. Нумеров.**

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ПРЕДИСЛОВИЕ.

Издание *Астрономического Ежегодника* на 1928 г. осуществлено *Астрономическим Институтом* главным образом на средства, предоставленные *Главнаукой*, *Гидрографическим Управлением*, *Военно-Топографическим Управлением* и *Геодезическим Комитетом В.С.Н.Х.*

Программа *Ежегодника* осталась без изменений. В видимых местах звезд под средними местами по системе *Boss'a* даны разности систем *Eichelberger'a* и *Boss'a*.

Большая часть данных заимствована из *Berliner Jahrbuch'a* и *Nautical Almanac'a*; кроме того, *Институт* пользовался видимыми местами звезд из *Connaissance des Temps*, *American Ephemeris* и *Almanaco Nautico di San-Fernando*.

Самостоятельно *Институтом* выполнено:

1. Средние места на 1928 г. 586 звезд и 29 Полярных по системе *Boss'a* и *Eichelberger'a*. Вычисления выполнены: *М. И. Фроловой*, и *А. Н. Струйской* и *Н. И. Идельсоном*.

2. Видимые места 35 звезд, перевод 551 звезды, видимые места которых взяты из других *Ежегодников*, на систему *Boss'a*, а также на кульминацию в *Гринвиче* для звезд из *American Ephemeris*. Вычисления выполнены: *М. И. Фроловой*, *С. М. Варзар*, *В. А. Россовской* и *П. П. Шаповаловым*.

3. Таблицы Полярной вычислены *В. А. Россовской*.

4. Условия видимости затмения 12 ноября 1928 г. для 8 городов *Союза* вычислены *Н. И. Идельсоном*.

5. Объяснения к *Ежегоднику* составлены *Н. И. Идельсоном*.

Редактирование *Ежегодника* лежало на *Б. Ю. Козловском* и *Н. И. Идельсоне*. Подготовка материала и надзор за изданием, а также чтение корректур выполнено *М. И. Фроловой*.

Директор *Астрономического Института* *Б. Нумеров*.

26 декабря 1927 г.

Ленинград.

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1928 г.

Хронология.

1928 год — 6641 г. Юлианского периода; 2681 г. от основания Рима; 1644 г. эры Диоклетиана; 5688 г. эры иудеев; 1346 г. магометанской геджры; 136 г. календаря французской революции.

Летоисчисление.

Золотое число 10; солнечный круг 5; воскресная буква Юл. ВА; Григор. АС; Эпакта Юл. 20; Григор. 8.

Календари.

Православн.: Пасха 15 апр., Троица 3 июня и. ст.; *Католич.*: Пасха 8 апреля, Троица 27 мая. *Еврейский*: Пурим 6 марта, Пасха 5 апреля, пятидесятница 25 мая; Новый (5689) год 15 сентября. *Магометанский*: 1-е Рамадана 22 февраля, Большой Байрам 23 марта, Малый Байрам 21 мая; Новый (1347) год 20 июня.

Астрономические постоянные.

Начало *Бесселева* фиктивного года ($18^{\text{h}} 40^{\text{m}}$ зв. вр. норм. меридиана) приходится на 1928, января 1.5950 всемирного времени, или

1928 января $1,20^{\text{h}} 57,0^{\text{m}}$ гринв. звезды. времени.

Средняя наклонность эклиптики 1928,0 $\varepsilon = 23^{\circ} 26' 55''.14$

$\lg \sin \varepsilon \dots 9.599\ 8034$; $\lg \cos \varepsilon \dots 9.962\ 5668$; $\lg \tg \varepsilon \dots 9.637\ 2366$

Прецессионные величины для эпохи 1928,5:

$p = 50''.2627$; $m = 3''.07287$; $n = 20''.0444$

Приведение долгот от 1928,0:

к эпохе 1925,0 — $2^{\circ} 30'.787$; к эпохе 1930,0 + $1^{\circ} 40'.526$.

Начало времен года.

(Всемирное время).

Солнце	вступает	в знак			$^{\text{h}}$	$^{\text{m}}$	
			Овна	1928, марта	20,	20 44;	начало весны.
"	"	"	Рака	июня	21,	16 7;	" лета.
"	"	"	Весов	сентября	23,	7 6;	" осени.
"	"	"	Козерога	декабря	22,	2 4;	" зимы.

День.	День недели.	Средний Гринвичский полдень (12 ^h всемирного времени).							
		Уравнение времени <i>ср.-ист.</i>	Часовое изменение	Видимое прямое восхождение.	Видимое склонение.	Часовое изменение	Полудиа-метр.	Звездное время.	
Янв.	0	Сб.	+ 2 44.13	1.205	18 38 24.09	- 23 9 20.0	10.15	977.52	18 35 39.96
	1	Вс.	3 12.90	1.193	18 42 49.42	23 5 2.6	11.31	977.54	18 39 36.52
	2	Пн.	3 41.35	1.179	18 47 14.43	23 0 17.5	12.46	977.55	18 43 33.08
	3	Вт.	4 9.47	1.164	18 51 39.10	22 55 4.8	13.60	977.56	18 47 29.64
	4	Ср.	4 37.21	1.148	18 56 3.40	22 49 24.8	14.74	977.56	18 51 26.19
	5	Чт.	5 4.55	1.131	19 0 27.30	22 43 17.6	15.87	977.55	18 55 22.75
	6	Пт.	+ 5 31.47	1.113	19 4 50.78	- 22 36 43.5	16.99	977.54	18 59 19.31
	7	Сб.	5 57.94	1.094	19 9 13.81	22 29 42.5	18.11	977.52	19 3 15.87
	8	Вс.	6 23.95	1.074	19 13 36.37	22 22 14.9	19.21	977.50	19 7 12.42
	9	Пн.	6 49.47	1.053	19 17 58.45	22 14 20.9	20.31	977.47	19 11 8.98
	10	Вт.	7 14.47	1.031	19 22 20.01	22 6 0.8	21.39	977.43	19 15 5.54
	11	Ср.	7 38.94	1.008	19 26 41.04	21 57 14.8	22.47	977.39	19 19 2.10
	12	Чт.	+ 8 2.86	0.985	19 31 1.52	- 21 48 3.0	23.53	977.34	19 22 58.66
	13	Пт.	8 26.20	0.960	19 35 21.42	21 38 25.9	24.59	977.29	19 26 55.22
	14	Сб.	8 48.95	0.935	19 39 40.72	21 28 23.6	25.63	977.23	19 30 51.77
	15	Вс.	9 11.07	0.909	19 43 59.41	21 17 56.4	26.66	977.16	19 34 48.33
	16	Пн.	9 32.56	0.882	19 48 17.45	21 7 4.7	27.68	977.09	19 38 44.89
	17	Вт.	9 53.39	0.854	19 52 34.84	20 55 48.6	28.68	977.02	19 42 41.44
	18	Ср.	+ 10 13.55	0.825	19 56 51.55	- 20 44 8.6	29.68	976.94	19 46 38.00
	19	Чт.	10 33.01	0.796	20 1 7.57	20 32 4.9	30.66	976.86	19 50 34.56
	20	Пт.	10 51.76	0.766	20 5 22.87	20 19 37.8	31.62	976.77	19 54 31.12
	21	Сб.	11 9.77	0.735	20 9 37.45	20 6 47.8	32.57	976.68	19 58 27.67
	22	Вс.	11 27.05	0.704	20 13 51.28	19 53 35.1	33.51	976.59	20 2 24.23
	23	Пн.	11 43.55	0.672	20 18 4.34	19 40 0.2	34.43	976.49	20 6 20.79
	24	Вт.	+ 11 59.28	0.639	20 22 16.63	- 19 26 3.3	35.34	976.39	20 10 17.34
	25	Ср.	12 14.22	0.606	20 26 28.12	19 11 44.9	36.22	976.29	20 14 13.90
	26	Чт.	12 28.35	0.572	20 30 38.81	18 57 5.3	37.10	976.18	20 18 10.46
	27	Пт.	12 41.67	0.537	20 34 48.68	18 42 5.0	37.95	976.07	20 22 7.02
	28	Сб.	12 54.16	0.503	20 38 57.73	18 26 44.3	38.79	975.96	20 26 3.57
	29	Вс.	13 5.82	0.468	20 43 5.95	18 11 3.7	39.62	975.84	20 30 0.13
	30	Пн.	+ 13 16.64	0.433	20 47 13.33	- 17 55 3.5	40.42	975.72	20 33 56.68
	31	Вт.	13 26.63	0.398	20 51 19.87	17 38 44.1	41.21	975.59	20 37 53.24
Февр.	1	Ср.	13 35.77	0.363	20 55 25.57	17 22 6.1	41.98	975.46	20 41 49.80
	2	Чт.	13 44.08	0.328	20 59 30.43	17 5 9.7	42.74	975.32	20 45 46.35
	3	Пт.	13 51.55	0.294	21 3 34.46	16 47 55.3	43.48	975.18	20 49 42.91
	4	Сб.	13 58.20	0.259	21 7 37.66	16 30 23.4	44.20	975.03	20 53 39.46
	5	Вс.	+ 14 4.02	0.225	21 11 40.04	- 16 12 34.4	44.90	974.87	20 57 36.02
	6	Пн.	14 9.03	0.192	21 15 41.60	15 54 28.7	45.59	974.71	21 1 32.58
	7	Вт.	14 13.23	0.158	21 19 42.36	15 36 6.6	46.26	974.55	21 5 29.13
	8	Ср.	14 16.64	0.125	21 23 42.33	15 17 28.5	46.92	974.38	21 9 25.69
	9	Чт.	14 19.26	0.093	21 27 41.50	14 58 34.9	47.56	974.20	21 13 22.24
	10	Пт.	14 21.10	0.060	21 31 39.90	14 39 26.1	48.18	974.02	21 17 18.80

О^h всемирного времени.
Среднее равноденствие 1928.0

День.	О ^h всемирного времени.			Среднее равноденствие 1928.0			
	Долгота.	Широта.	lg R	X	Y	Z	
			9.99				
Янв.	0	278 19 16.4	- 0.32	26857	+ 0.142 3065	- 0.892 5978	- 0.387 1635
	1	279 20 25.8	0.27	26761	0.159 5873	0.890 1147	0.386 0861
	2	280 21 34.8	0.20	26689	0.176 8166	0.887 3551	0.384 8887
	3	281 22 43.5	- 0.11	26641	0.193 9896	0.884 3200	0.383 5718
	4	282 23 52.1	+ 0.01	26620	0.211 1009	0.881 0109	0.382 1359
	5	283 25 0.4	0.14	26626	0.228 1455	0.877 4290	0.380 5816
	6	284 26 8.5	+ 0.28	26660	+ 0.245 1186	- 0.873 5755	- 0.378 9095
	7	285 27 16.3	0.41	26723	0.262 0153	0.869 4518	0.377 1201
	8	286 28 24.0	0.52	26816	0.278 8308	0.865 0589	0.375 2142
	9	287 29 31.6	0.61	26937	0.295 5603	0.860 3981	0.373 1921
	10	288 30 39.2	0.68	27087	0.312 1989	0.855 4707	0.371 0544
	11	289 31 46.6	0.72	27264	0.328 7417	0.850 2780	0.368 8019
	12	290 32 53.9	+ 0.73	27468	+ 0.345 1836	- 0.844 8213	- 0.366 4350
	13	291 34 1.1	0.71	27696	0.361 5197	0.839 1019	0.363 9543
	14	292 35 8.3	0.67	27949	0.377 7449	0.833 1214	0.361 3606
	15	293 36 15.4	0.60	28226	0.393 8539	0.826 8815	0.358 6543
	16	294 37 22.2	0.52	28524	0.409 8420	0.820 3838	0.355 8364
17	295 38 28.8	0.41	28842	0.425 7037	0.813 6301	0.352 9077	
18	296 39 35.2	+ 0.29	29181	+ 0.441 4341	- 0.806 6227	- 0.349 8689	
19	297 40 41.1	0.15	29538	0.457 0281	0.799 3634	0.346 7208	
20	298 41 46.8	+ 0.01	29913	0.472 4806	0.791 8545	0.343 4645	
21	299 42 51.9	- 0.12	30305	0.487 7865	0.784 0981	0.340 1009	
22	300 43 56.6	0.24	30713	0.502 9407	0.776 0968	0.336 6310	
23	301 45 0.6	0.35	31137	0.517 9383	0.767 8532	0.333 0559	
24	302 46 3.8	- 0.44	31575	+ 0.532 7741	- 0.759 3701	- 0.329 3769	
25	303 47 6.3	0.50	32028	0.547 4435	0.750 6504	0.325 5950	
26	304 48 7.7	0.53	32496	0.561 9415	0.741 6973	0.321 7118	
27	305 49 8.1	0.52	32980	0.576 2636	0.732 5138	0.317 7285	
28	306 50 7.4	0.48	33480	0.590 4054	0.723 1034	0.313 6467	
29	307 51 5.6	0.41	33998	0.604 3626	0.713 4694	0.309 4674	
30	308 52 2.4	- 0.31	34536	+ 0.618 1310	- 0.703 6151	- 0.305 1927	
31	309 52 57.9	0.21	35094	0.631 7068	0.693 5441	0.300 8239	
Февр.	1	310 53 52.2	- 0.09	35673	0.645 0861	0.683 2599	0.296 3624
	2	311 54 45.2	+ 0.04	36275	0.658 2651	0.672 7657	0.291 8100
	3	312 55 36.7	0.17	36900	0.671 2405	0.662 0651	0.287 1680
	4	313 56 27.1	0.28	37549	0.684 0085	0.651 1614	0.282 4379
	5	314 57 16.2	+ 0.37	38223	+ 0.696 5658	- 0.640 0580	- 0.277 6214
	6	315 58 4.1	0.45	38922	0.708 9090	0.628 7581	0.272 7197
	7	316 58 50.7	0.50	39646	0.721 0346	0.617 2651	0.267 7344
	8	317 59 36.3	0.52	40394	0.732 9392	0.605 5823	0.262 6669
	9	319 0 20.7	0.51	41165	0.744 6193	0.593 7132	0.257 5187
	10	320 1 4.0	0.46	41958	0.756 0715	0.581 6611	0.252 2914

День.	День недели.	Средний Гринвичский полдень (12 ^h всемирного времени).								
		Уравнение времени <i>сред.—ист.</i>	Часовое изменение	Видимое прямое восхождение.	Видимое склонение.	Часовое изменение.	Полудиа-метр.	Звездное время.		
Февр.	10	Пт.	+ 14 21.10	0.060	21 31 39.90	- 14 39 26.1	48.18	974.02	21 17 18.80	
	11	Сб.	14 22.17	0.028	21 35 37.52	14 20 2.6	48.79	973.84	21 21 15.35	
	12	Вс.	14 22.48	0.003	21 39 34.39	14 0 24.8	49.38	973.65	21 25 11.91	
	13	Пн.	14 22.04	0.034	21 43 30.50	13 40 32.9	49.95	973.45	21 29 8.46	
	14	Вт.	14 20.86	0.065	21 47 25.88	13 20 27.6	50.50	973.26	21 33 5.02	
	15	Ср.	14 18.95	0.095	21 51 20.52	13 0 9.1	51.04	973.06	21 37 1.57	
	16	Чт.	+ 14 16.31	0.125	21 55 14.44	- 12 39 37.9	51.56	972.85	21 40 58.13	
	17	Пт.	14 12.97	0.154	21 59 7.65	12 18 54.4	52.07	972.65	21 44 54.68	
	18	Сб.	14 8.93	0.183	22 3 0.16	11 57 59.0	52.55	972.44	21 48 51.24	
	19	Вс.	14 4.20	0.212	22 6 51.99	11 36 52.2	53.02	972.23	21 52 47.79	
	20	Пн.	13 58.79	0.240	22 10 43.13	11 15 34.3	53.47	972.02	21 56 44.34	
	21	Вт.	13 52.71	0.267	22 14 33.60	10 54 5.8	53.90	971.80	22 0 40.90	
	22	Ср.	+ 13 45.97	0.295	22 18 23.42	- 10 32 27.1	54.32	971.58	22 4 37.45	
	23	Чт.	13 38.58	0.321	22 22 12.58	10 10 38.6	54.71	971.36	22 8 34.01	
	24	Пт.	13 30.55	0.348	22 26 1.11	9 48 40.9	55.09	971.15	22 12 30.56	
	25	Сб.	13 21.90	0.374	22 29 49.01	9 26 34.3	55.45	970.92	22 16 27.12	
	26	Вс.	13 12.63	0.399	22 33 36.30	9 4 19.2	55.79	970.70	22 20 23.67	
	27	Пн.	13 2.77	0.423	22 37 22.99	8 41 56.1	56.12	970.47	22 24 20.22	
	28	Вт.	+ 12 52.32	0.447	22 41 9.10	- 8 19 25.4	56.43	970.25	22 28 16.78	
	Март	29	Ср.	12 41.31	0.470	22 44 54.64	7 56 47.5	56.72	970.02	22 32 13.33
		1	Чт.	12 29.76	0.492	22 48 39.65	7 34 2.8	56.99	969.78	22 36 9.88
2		Пт.	12 17.69	0.514	22 52 24.12	7 11 11.8	57.25	969.54	22 40 6.44	
3		Сб.	12 5.11	0.534	22 56 8.10	6 48 14.7	57.49	969.30	22 44 2.99	
4		Вс.	11 52.05	0.554	22 59 51.59	6 25 11.9	57.72	969.06	22 47 59.54	
5		Пн.	+ 11 38.53	0.572	23 3 34.63	- 6 2 3.9	57.93	968.81	22 51 56.10	
6		Вт.	11 24.58	0.590	23 7 17.23	5 38 51.0	58.13	968.56	22 55 52.65	
7		Ср.	11 10.22	0.607	23 10 59.42	5 15 33.6	58.31	968.31	22 59 49.20	
8		Чт.	10 55.46	0.623	23 14 41.22	4 52 12.0	58.47	968.05	23 3 45.76	
9		Пт.	10 40.34	0.637	23 18 22.65	4 28 46.6	58.62	967.79	23 7 42.31	
10		Сб.	10 24.88	0.651	23 22 3.74	4 5 17.7	58.76	967.53	23 11 38.86	
11		Вс.	+ 10 9.09	0.664	23 25 44.51	- 3 41 45.8	58.88	967.27	23 15 35.42	
12		Пн.	9 53.00	0.676	23 29 24.97	3 18 11.1	58.99	967.00	23 19 31.97	
13		Вт.	9 36.63	0.688	23 33 5.15	2 54 34.1	59.08	966.73	23 23 28.52	
14	Ср.	9 20.00	0.698	23 36 45.08	2 30 55.1	59.15	966.46	23 27 25.08		
15	Чт.	9 3.14	0.707	23 40 24.77	2 7 14.4	59.21	966.19	23 31 21.63		
16	Пт.	8 46.05	0.716	23 44 4.24	1 43 32.5	59.26	965.91	23 35 18.18		
17	Сб.	+ 8 28.78	0.724	23 47 43.51	- 1 19 49.6	59.29	965.64	23 39 14.74		
18	Вс.	8 11.32	0.731	23 51 22.61	0 56 6.2	59.30	965.36	23 43 11.29		
19	Пн.	7 53.70	0.737	23 55 1.54	0 32 22.6	59.30	965.09	23 47 7.84		
20	Вт.	7 35.94	0.743	23 58 40.34	- 0 8 39.3	59.28	964.81	23 51 4.39		
21	Ср.	7 18.06	0.747	0 2 19.00	+ 0 15 3.5	59.25	964.54	23 55 0.95		
22	Чт.	7 0.06	0.752	0 5 57.56	0 38 45.2	59.20	964.26	23 58 57.50		

О^h всемирного времени.
Среднее равноденствие 1928.0

День.	Долгота.			Широта.	lg R	X	Y	Z	
	°	'	"						
					9.99				
Февр.	10	320	1	4.0	+ 0.46	41958	+ 0.756 0715	- 0.581 6611	- 0.252 2914
	11	321	1	46.2	0.40	42772	0.767 2923	0.569 4297	0.246 9863
	12	322	2	27.4	0.31	43606	0.778 2783	0.557 0223	0.241 6052
	13	323	3	7.3	0.21	44459	0.789 0260	0.544 4428	0.236 1495
	14	324	3	46.1	+ 0.09	45329	0.799 5323	0.531 6949	0.230 6208
	15	325	4	23.7	- 0.04	46215	0.809 7936	0.518 7826	0.225 0207
	16	326	5	0.1	- 0.17	47116	+ 0.819 8068	- 0.505 7097	- 0.219 3510
	17	327	5	35.4	0.29	48031	0.829 5688	0.492 4802	0.213 6134
	18	328	6	9.4	0.41	48958	0.839 0761	0.479 0981	0.207 8096
	19	329	6	42.1	0.52	49896	0.848 3260	0.465 5877	0.201 9415
	20	330	7	13.2	0.61	50844	0.857 3151	0.451 8935	0.196 0107
	21	331	7	43.0	0.66	51800	0.866 0406	0.438 0798	0.190 0194
	22	332	8	11.2	- 0.69	52764	+ 0.874 4997	- 0.424 1312	- 0.183 9694
	23	333	8	37.7	0.70	53735	0.882 6897	0.410 0525	0.177 8628
	24	334	9	2.5	0.68	54713	0.890 6084	0.395 8484	0.171 7017
	25	335	9	25.4	0.61	55700	0.898 2533	0.381 5240	0.165 4881
	26	336	9	46.3	0.52	56696	0.905 6225	0.367 0837	0.159 2243
	27	337	10	5.3	0.41	57701	0.912 7143	0.352 5326	0.152 9121
	28	338	10	22.2	- 0.29	58716	+ 0.919 5269	- 0.337 8753	- 0.146 5540
	29	339	10	37.1	0.16	59743	0.926 0588	0.323 1166	0.140 1517
	Март	1	340	10	49.9	- 0.03	60784	0.932 3087	0.308 2612
2		341	11	0.6	+ 0.09	61838	0.938 2752	0.293 3136	0.127 2235
3		342	11	9.2	0.20	62906	0.943 9570	0.278 2783	0.120 7013
4		343	11	15.9	0.28	63990	0.949 3533	0.263 1598	0.114 1434
5		344	11	20.6	+ 0.32	65090	+ 0.954 4626	- 0.247 9625	- 0.107 5514
6		345	11	23.4	0.33	66205	0.959 2840	0.232 6907	0.100 9271
7		346	11	24.2	0.32	67335	0.963 8163	0.217 3490	0.094 2728
8		347	11	23.2	0.29	68480	0.968 0584	0.201 9415	0.087 5900
9		348	11	20.4	0.23	69640	0.972 0092	0.186 4728	0.080 8808
10		349	11	15.8	0.15	70813	0.975 6678	0.170 9474	0.074 1472
11		350	11	9.5	+ 0.05	71998	+ 0.979 0331	- 0.155 3696	- 0.067 3910
12		351	11	1.4	- 0.08	73194	0.982 1042	0.139 7442	0.060 6140
13		352	10	51.6	0.20	74400	0.984 8801	0.124 0754	0.053 8183
14		353	10	40.1	0.32	75615	0.987 3601	0.108 3681	0.047 0060
15		354	10	26.9	0.45	76838	0.989 5432	0.092 6269	0.040 1790
16		355	10	12.0	0.58	78066	0.991 4290	0.076 8563	0.033 3392
17	356	9	55.3	- 0.69	79299	+ 0.993 0167	- 0.061 0614	- 0.026 4888	
18	357	9	36.9	0.78	80535	0.994 3056	0.045 2466	0.019 6297	
19	358	9	16.8	0.83	81772	0.995 2952	0.029 4172	0.012 7640	
20	359	8	54.8	0.86	83009	0.995 9854	- 0.013 5779	- 0.005 8939	
21	0	8	31.0	0.87	84244	0.996 3757	+ 0.002 2659	+ 0.000 9783	
22	1	8	5.2	0.84	85477	0.996 4662	0.018 1095	0.007 8506	

День.	День недели.	Средний Гринвичский полдень (12 ^h всемирного времени .						
		Уравнение времени. <i>сред. — ист.</i>	Часовое изменение.	Видимое прямое восхождение.	Видимое склонение.	Часовое изменение.	Полудиа-метр.	Звездное время.
Март	22 Чт.	+ 7 0.06	0.752	0 5 57.56	+ 0 38 45.2	59.20	961.26	23 58 57.50
	23 Пт.	6 41.97	0.755	0 9 36.03	1 2 25.6	59.13	963.99	0 2 54.05
	24 Сб.	6 23.81	0.758	0 13 14.41	1 26 4.2	59.05	963.72	0 6 50.16
	25 Вс.	6 5.57	0.761	0 16 52.73	1 49 40.6	58.95	963.45	0 10 47.16
	26 Пн.	5 47.30	0.762	0 20 31.01	2 13 14.4	58.84	963.18	0 14 43.71
	27 Вт.	5 29.00	0.763	0 24 9.26	2 36 45.4	58.71	962.91	0 18 40.27
	Апр.	28 Ср.	+ 5 10.69	0.763	0 27 47.51	+ 3 0 13.0	58.56	962.64
29 Чт.		4 52.39	0.762	0 31 25.76	3 23 36.9	58.40	962.37	0 26 33.37
30 Пт.		4 34.12	0.760	0 35 4.05	3 46 56.9	58.23	962.10	0 30 29.92
31 Сб.		4 15.91	0.757	0 38 42.39	4 10 12.5	58.04	961.82	0 34 26.48
1 Вс.		3 57.78	0.754	0 42 20.81	4 33 23.4	57.84	961.55	0 38 23.03
2 Пн.		3 39.74	0.749	0 45 59.32	4 56 29.3	57.62	961.28	0 42 19.58
3 Вт.		+ 3 21.82	0.744	0 49 37.96	+ 5 19 29.8	57.39	961.00	0 46 16.14
4 Ср.		3 4.05	0.737	0 53 16.74	5 42 24.7	57.15	960.73	0 50 12.69
5 Чт.		2 46.44	0.730	0 56 55.68	6 5 13.5	56.89	960.45	0 54 9.24
6 Пт.		2 29.01	0.722	1 0 34.81	6 27 56.1	56.62	960.18	0 58 5.80
7 Сб.		2 11.79	0.713	1 4 14.14	6 50 32.0	56.34	959.90	1 2 2.35
8 Вс.		1 54.79	0.703	1 7 53.70	7 13 0.9	56.05	959.62	1 5 58.90
9 Пн.		+ 1 38.05	0.692	1 11 33.50	+ 7 35 22.6	55.74	959.34	1 9 55.46
10 Вт.		1 21.57	0.681	1 15 13.58	7 57 36.7	55.41	959.07	1 13 52.01
11 Ср.	1 5.37	0.668	1 18 53.94	8 19 42.8	55.08	958.79	1 17 48.56	
12 Чт.	0 49.48	0.655	1 22 34.60	8 41 40.7	54.73	958.51	1 21 45.12	
13 Пт.	0 33.91	0.642	1 26 15.59	9 3 30.1	54.36	958.24	1 25 41.67	
14 Сб.	0 18.68	0.627	1 29 56.91	9 25 10.5	53.98	957.96	1 29 38.23	
15 Вс.	+ 0 3.81	0.612	1 33 38.59	+ 9 46 41.7	53.59	957.69	1 33 34.78	
16 Пн.	0 10.70	0.596	1 37 20.64	10 8 3.3	53.19	957.41	1 37 31.33	
17 Вт.	0 24.82	0.580	1 41 3.07	10 29 15.0	52.77	957.14	1 41 27.89	
18 Ср.	0 38.55	0.564	1 44 45.90	10 50 16.4	52.33	956.88	1 45 24.44	
19 Чт.	0 51.87	0.546	1 48 29.13	11 11 7.1	51.88	956.61	1 49 21.00	
20 Пт.	1 4.78	0.529	1 52 12.77	11 31 46.9	51.42	956.35	1 53 17.55	
21 Сб.	- 1 17.26	0.511	1 55 56.84	+ 11 52 15.3	50.94	956.09	1 57 14.11	
22 Вс.	1 29.32	0.493	1 59 41.34	12 12 32.0	50.44	955.84	2 1 10.66	
23 Пн.	1 40.93	0.475	2 3 26.28	12 32 36.6	49.93	955.59	2 5 7.22	
24 Вт.	1 52.10	0.456	2 7 11.67	12 52 28.7	49.40	955.34	2 9 3.77	
25 Ср.	2 2.82	0.437	2 10 57.51	13 12 8.1	48.86	955.09	2 13 0.32	
26 Чт.	2 13.07	0.417	2 14 43.81	13 31 34.3	48.31	954.84	2 16 56.88	
27 Пт.	- 2 22.84	0.397	2 18 30.59	+ 13 50 47.0	47.74	954.60	2 20 53.43	
28 Сб.	2 32.13	0.377	2 22 17.86	14 9 46.0	47.16	954.36	2 24 49.99	
29 Вс.	2 40.92	0.356	2 26 5.63	14 28 30.9	46.57	954.12	2 28 46.54	
30 Пн.	2 49.20	0.334	2 29 53.90	14 47 1.4	45.96	953.89	2 32 43.10	
Май	1 Вт.	2 56.97	0.313	2 33 42.69	15 5 17.2	45.34	953.65	2 36 39.66
	2 Ср.	3 4.20	0.290	2 37 32.01	15 23 17.9	44.71	953.42	2 40 36.21

О ^h всемирного времени. Среднее равноденствие 1928.0						
День.	Долгота.	Широта.	log R	X	Y	Z
			9.99			
Март 22	1 8 5.2	- 0.84	85477	+ 0.996 4662	+ 0.018 1095	+ 0.007 8506
23	2 7 37.4	0.77	86707	0.996 2571	0.033 9475	0.014 7204
24	3 7 7.4	0.69	87934	0.995 7486	0.049 7746	0.021 5859
25	4 6 35.1	0.58	89157	0.994 9415	0.065 5860	0.028 4447
26	5 6 0.7	0.46	90378	0.993 8365	0.081 3765	0.035 2944
27	6 5 24.0	0.33	91598	0.992 4347	0.097 1415	0.042 1331
28	7 4 44.9	- 0.21	92817	+ 0.990 7371	+ 0.112 8759	+ 0.048 9586
29	8 4 3.4	- 0.08	94037	0.988 7448	0.128 5751	0.055 7687
30	9 3 19.6	+ 0.03	95259	0.986 4592	0.144 2347	0.062 5615
31	10 2 33.5	0.11	96484	0.983 8815	0.159 8501	0.069 3351
Апр. 1	11 1 45.0	0.16	97713	0.981 0131	0.175 4170	0.076 0875
2	12 0 54.3	0.18	98945	0.977 8551	0.190 9312	0.082 8169
3	13 0 1.4	+ 0.18	00181	+ 0.974 4091	+ 0.206 3883	+ 0.089 5213
4	13 59 6.5	0.15	01422	0.970 6763	0.221 7841	0.096 1991
5	14 58 9.3	0.10	02667	0.966 6580	0.237 1145	0.102 8482
6	15 57 10.0	+ 0.01	03915	0.962 3556	0.252 3751	0.109 4670
7	16 56 8.8	- 0.09	05167	0.957 7706	0.267 5620	0.116 0538
8	17 55 5.7	0.20	06422	0.952 9045	0.282 6707	0.122 6065
9	18 54 0.7	- 0.32	07679	+ 0.947 7585	+ 0.297 6971	+ 0.129 1236
10	19 52 53.9	0.46	08937	0.942 3343	0.312 6372	0.135 6030
11	20 51 45.3	0.58	10195	0.936 6335	0.327 4865	0.142 0432
12	21 50 34.8	0.69	11452	0.930 6576	0.342 2411	0.148 4424
13	22 49 22.6	0.80	12706	0.924 4084	0.356 8966	0.154 7985
14	23 48 8.8	0.91	13957	0.917 8875	0.371 4487	0.161 1101
15	24 46 53.2	- 0.97	15202	+ 0.911 0967	+ 0.385 8931	+ 0.167 3749
16	25 45 35.9	1.00	16439	0.904 0379	0.400 2257	0.173 5914
17	26 44 17.0	1.00	17667	0.896 7133	0.414 4418	0.179 7576
18	27 42 56.3	0.98	18886	0.889 1246	0.428 5374	0.185 8716
19	28 41 33.9	0.93	20093	0.881 2747	0.442 5077	0.191 9315
20	29 40 9.7	0.84	21286	0.873 1657	0.456 3486	0.197 9354
21	30 38 43.4	- 0.73	22465	+ 0.864 8004	+ 0.470 0554	+ 0.203 8812
22	31 37 15.3	0.61	23631	0.856 1818	0.483 6242	0.209 7674
23	32 35 45.1	0.47	24783	0.847 3128	0.497 0508	0.215 5919
24	33 34 12.8	0.33	25922	0.838 1968	0.510 3312	0.221 3529
25	34 32 38.3	0.22	27049	0.828 8371	0.523 4615	0.227 0488
26	35 31 1.8	0.10	28164	0.819 2371	0.536 4384	0.232 6781
27	36 29 23.2	0.00	29269	+ 0.809 4000	+ 0.549 2582	+ 0.238 2391
28	37 27 42.4	+ 0.07	30366	0.799 3290	0.561 9176	0.243 7304
29	38 25 59.4	0.09	31455	0.789 0278	0.574 4131	0.249 1506
30	39 24 14.5	0.10	32537	0.778 4996	0.586 7419	0.254 4981
Май 1	40 22 27.7	0.08	33612	0.767 7475	0.598 9005	0.259 7718
2	41 20 38.8	0.02	34681	0.756 7750	0.610 8861	0.264 9702
			0.00			

День.		День недели.	Средний Гринвичский полдень (12 ^h всемирного времени)						
			Уравнение времени сред. - ист.	Часовое изменение	Видимое прямое восхождение.	Видимое склонение.	Часовое изменение	Полудиа-метр.	Звездное время.
Май	2	Ср.	- 3 4.20	0.290	2 37 32.01	+15 23 17.9	44.71	953.42	2 40 36.21
	3	Чт.	3 10.91	0.268	2 41 21.86	15 41 3.4	44.07	953.19	2 44 32.77
	4	Пт.	3 17.06	0.245	2 45 12.26	15 58 33.3	43.42	952.96	2 48 29.32
	5	Сб.	3 22.66	0.222	2 49 3.22	16 15 47.3	42.75	952.73	2 52 25.88
	6	Вс.	3 27.70	0.198	2 52 54.73	16 32 45.2	42.07	952.50	2 56 22.43
	7	Пн.	3 32.17	0.174	2 56 46.82	16 49 26.6	41.38	952.27	3 0 18.99
	8	Вт.	- 3 36.06	0.150	3 0 39.48	+17 5 51.2	40.67	952.04	3 4 15.54
	9	Ср.	3 39.38	0.126	3 4 32.73	17 21 58.8	39.96	951.82	3 8 12.10
	10	Чт.	3 42.10	0.101	3 8 26.55	17 37 49.1	39.23	951.60	3 12 8.66
	11	Пт.	3 44.24	0.077	3 12 20.97	17 53 21.8	38.49	951.38	3 16 5.21
	12	Сб.	3 45.78	0.052	3 16 15.98	18 8 36.6	37.74	951.16	3 20 1.77
	13	Вс.	3 46.74	0.027	3 20 11.59	18 23 33.2	36.98	950.95	3 23 58.32
	14	Пн.	- 3 47.10	0.003	3 24 7.78	+18 38 11.4	36.21	950.74	3 27 54.88
	15	Вт.	3 46.87	0.022	3 28 4.57	18 52 30.9	35.42	950.53	3 31 51.44
	16	Ср.	3 46.05	0.046	3 32 1.94	19 6 31.3	34.62	950.33	3 35 47.99
	17	Чт.	3 44.65	0.070	3 35 59.90	19 20 12.4	33.81	950.13	3 39 44.55
	18	Пт.	3 42.69	0.094	3 39 58.42	19 33 33.9	32.99	949.94	3 43 41.11
	19	Сб.	3 40.16	0.117	3 43 57.51	19 46 35.5	32.15	949.75	3 47 37.66
	20	Вс.	- 3 37.08	0.140	3 47 57.14	+19 59 16.9	31.30	949.57	3 51 34.22
	21	Пн.	3 33.46	0.162	3 51 57.32	20 11 37.8	30.44	949.39	3 55 30.78
	22	Вт.	3 29.32	0.183	3 55 58.01	20 23 37.9	29.57	949.21	3 59 27.33
	23	Ср.	3 24.67	0.204	3 59 59.22	20 35 17.1	28.69	949.04	4 3 23.89
	24	Чт.	3 19.51	0.225	4 4 0.94	20 46 35.0	27.80	948.88	4 7 20.45
	25	Пт.	3 13.87	0.245	4 8 3.13	20 57 31.4	26.90	948.72	4 11 17.01
	26	Сб.	- 3 7.75	0.265	4 12 5.81	+21 8 6.0	25.99	948.56	4 15 13.56
	27	Вс.	3 1.17	0.284	4 16 8.95	21 18 18.8	25.07	948.40	4 19 10.12
	28	Пн.	2 54.13	0.303	4 20 12.55	21 28 9.4	24.15	948.25	4 23 6.68
	29	Вт.	2 46.65	0.321	4 24 16.59	21 37 37.6	23.21	948.11	4 27 3.24
	30	Ср.	2 38.74	0.338	4 28 21.06	21 46 43.3	22.27	947.96	4 30 59.79
	31	Чт.	2 30.40	0.356	4 32 25.95	21 55 26.3	21.32	947.82	4 34 56.35
	Июнь	1	Пт.	- 2 21.67	0.372	4 36 31.24	+22 3 46.4	20.36	947.68
2		Сб.	2 12.54	0.388	4 40 36.93	22 11 43.5	19.40	947.55	4 42 49.46
3		Вс.	2 3.03	0.404	4 44 42.99	22 19 17.4	18.43	947.41	4 46 46.02
4		Пн.	1 53.16	0.419	4 48 49.42	22 26 27.9	17.45	947.28	4 50 42.58
5		Вт.	1 42.94	0.433	4 52 56.20	22 33 14.8	16.47	947.16	4 54 39.14
6		Ср.	1 32.38	0.447	4 57 3.32	22 39 38.2	15.48	947.03	4 58 35.70
7		Чт.	- 1 21.50	0.460	5 1 10.76	+22 45 37.8	14.49	946.91	5 2 32.25
8		Пт.	1 10.32	0.472	5 5 18.50	22 51 13.4	13.49	946.79	5 6 28.81
9		Сб.	0 58.85	0.484	5 9 26.52	22 56 25.1	12.49	946.68	5 10 25.37
10		Вс.	0 47.11	0.494	5 13 34.82	23 1 12.6	11.48	946.57	5 14 21.93
11		Пн.	0 35.13	0.504	5 17 43.36	23 5 35.9	10.47	946.46	5 18 18.49
12		Вт.	0 22.91	0.513	5 21 52.13	23 9 34.9	9.45	946.36	5 22 15.04

		О ^h всемирного времени. Среднее равноденствие 1928.					
День.		Долгота.	Широта.	log R	X	Y	Z
				0.00			
Май	2	41 20 38.8	+ 0.02	34681	+ 0.756 7750	+ 0.610 8861	+ 0.264 9702
	3	42 18 48.1	- 0.05	35744	0.745 5854	0.622 6955	0.270 0921
	4	43 16 55.5	0.15	36801	0.734 1820	0.634 3256	0.275 1361
	5	44 15 1.3	0.27	37852	0.722 5680	0.645 7735	0.280 1010
	6	45 13 5.4	0.40	38897	0.710 7466	0.657 0363	0.284 9856
	7	46 11 7.8	0.52	39935	0.698 7213	0.668 1110	0.289 7885
	8	47 9 8.8	- 0.64	40966	+ 0.686 4954	+ 0.678 9945	+ 0.294 5085
	9	48 7 8.2	0.76	41990	0.674 0722	0.689 6841	0.299 1444
	10	49 5 6.2	0.88	43004	0.661 4553	0.700 1768	0.303 6950
	11	50 3 2.8	0.97	44008	0.648 6479	0.710 4698	0.308 1590
	12	51 0 58.3	1.04	45002	0.635 6536	0.720 5600	0.312 5353
	13	51 58 52.4	1.08	45984	0.622 4761	0.730 4447	0.316 8224
	14	52 56 45.3	- 1.10	46952	+ 0.609 1186	+ 0.740 1208	+ 0.321 0193
	15	53 54 36.9	1.07	47904	0.595 5851	0.749 5854	0.325 1247
	16	54 52 27.5	1.02	48839	0.581 8792	0.758 8356	0.329 1372
	17	55 50 16.8	0.94	49756	0.568 0052	0.767 8684	0.333 0557
	18	56 48 4.8	0.83	50652	0.553 9670	0.776 6811	0.336 8788
	19	57 45 51.7	0.70	51527	0.539 7689	0.785 2710	0.340 6053
	20	58 43 37.1	- 0.56	52381	+ 0.525 4156	+ 0.793 6352	+ 0.344 2341
	21	59 41 21.2	0.42	53212	0.510 9117	0.801 7713	0.347 7638
	22	60 39 3.8	0.28	54021	0.496 2616	0.809 6770	0.351 1936
	23	61 36 45.0	0.15	54808	0.481 4702	0.817 3503	0.354 5225
	24	62 34 24.7	- 0.04	55575	0.466 5422	0.824 7893	0.357 7497
	25	63 32 2.8	+ 0.04	56324	0.451 4822	0.831 9921	0.360 8744
	26	64 29 39.4	+ 0.09	57054	+ 0.436 2951	+ 0.838 9572	+ 0.363 8957
27	65 27 14.7	0.10	57768	0.420 9852	0.845 6828	0.366 8131	
28	66 24 48.4	0.09	58465	0.405 5572	0.852 1677	0.369 6258	
29	67 22 20.7	+ 0.05	59146	0.390 0154	0.858 4102	0.372 3333	
30	68 19 51.7	- 0.03	59814	0.374 3644	0.864 4093	0.374 9350	
31	69 17 21.4	0.11	60468	0.358 6083	0.870 1633	0.377 4302	
Июнь	1	70 14 49.9	- 0.21	61108	+ 0.342 7518	+ 0.875 6712	+ 0.379 8187
	2	71 12 17.2	0.32	61736	0.326 7992	0.880 9315	0.382 0998
	3	72 9 43.6	0.44	62351	0.310 7548	0.885 9432	0.384 2729
	4	73 7 8.8	0.58	62952	0.294 6227	0.890 7051	0.386 3377
	5	74 4 33.2	0.71	63541	0.278 4077	0.895 2159	0.388 2935
	6	75 1 56.7	0.82	64117	0.262 1137	0.899 4746	0.390 1401
	7	75 59 19.5	- 0.92	64680	+ 0.245 7452	+ 0.903 4800	+ 0.391 8768
	8	76 56 41.7	0.99	65228	0.229 3066	0.907 2309	0.393 5034
	9	77 54 3.1	1.05	65761	0.212 8021	0.910 7262	0.395 0193
	10	78 51 24.0	1.06	66278	0.196 2362	0.913 9650	0.396 4240
	11	79 48 44.4	1.05	66778	0.179 6133	0.916 9462	0.397 7171
	12	80 46 4.4	1.00	67259	0.162 9381	0.919 6684	0.398 8981

День.	День недели.	Средний Гринвичский полдень (12 ^h всемирного времени).							
		Уравнение времени. <i>сред. — ист.</i>	Часовое изменение	Видимое прямое восхождение.	Видимое склонение.	Часовое изменение	Полудиаметр.	Звездное время	
Июнь	12 Вт.	— 0 22.91	0.513	5 21 52.13	+ 23 9 34.9	9.45	946.36	5 22 15.04	
	13 Ср.	— 0 10.49	0.521	5 26 1.11	23 13 9.5	8.43	946.26	5 26 11.60	
	14 Чт.	+ 0 2.11	0.529	5 30 10.27	23 16 19.5	7.41	946.17	5 30 8.16	
	15 Пт.	0 14.87	0.535	5 34 19.58	23 19 4.9	6.38	946.08	5 34 4.72	
	16 Сб.	0 27.75	0.539	5 38 29.03	23 21 25.7	5.35	946.00	5 38 1.28	
	17 Вс.	0 40.74	0.543	5 42 38.58	23 23 21.7	4.32	945.92	5 41 57.83	
	18 Пн.	+ 0 53.80	0.545	5 46 48.19	+ 23 24 53.0	3.29	945.85	5 45 54.39	
	19 Вт.	1 6.91	0.547	5 50 57.86	23 25 59.4	2.25	945.79	5 49 50.95	
	20 Ср.	1 20.02	0.547	5 55 7.53	23 26 41.0	1.21	945.73	5 53 47.51	
	21 Чт.	1 33.13	0.545	5 59 17.49	23 26 57.8	0.18	945.67	5 57 44.07	
	22 Пт.	1 46.19	0.543	6 3 26.81	23 26 49.7	0.86	945.62	6 1 40.62	
	23 Сб.	1 59.18	0.540	6 7 36.36	23 26 16.8	1.89	945.58	6 5 37.18	
	24 Вс.	+ 2 12.08	0.535	6 11 45.82	+ 23 25 19.0	2.92	945.54	6 9 33.74	
	25 Пн.	2 24.87	0.530	6 15 55.17	23 23 56.5	3.96	945.51	6 13 30.30	
	26 Вт.	2 37.52	0.524	6 20 4.37	23 22 9.3	4.98	945.48	6 17 26.86	
	27 Ср.	2 50.00	0.517	6 24 13.42	23 19 57.4	6.01	945.45	6 21 23.42	
	28 Чт.	3 2.31	0.509	6 28 22.28	23 17 21.0	7.03	945.43	6 25 19.97	
	29 Пт.	3 14.41	0.500	6 32 30.94	23 14 20.1	8.05	945.41	6 29 16.53	
	Июль	30 Сб.	+ 3 26.29	0.490	6 36 39.38	+ 23 10 54.7	9.07	945.39	6 33 13.09
		1 Вс.	3 37.93	0.480	6 40 47.57	23 7 5.0	10.08	945.38	6 37 9.65
		2 Пн.	3 49.30	0.468	6 44 55.51	23 2 51.0	11.09	945.38	6 41 6.21
		3 Вт.	4 0.40	0.456	6 49 3.17	22 58 13.0	12.09	945.37	6 45 2.76
		4 Ср.	4 11.21	0.444	6 53 10.53	22 53 11.0	13.09	945.37	6 48 59.32
		5 Чт.	4 21.70	0.431	6 57 17.58	22 47 45.1	14.08	945.37	6 52 55.88
		6 Пт.	+ 4 31.87	0.417	7 1 24.31	+ 22 41 55.5	15.07	945.38	6 56 52.44
		7 Сб.	4 41.89	0.402	7 5 30.69	22 35 42.2	16.05	945.39	7 0 49.00
		8 Вс.	4 51.16	0.387	7 9 36.71	22 29 5.5	17.02	945.40	7 4 45.55
		9 Пн.	5 0.25	0.371	7 13 42.36	22 22 5.5	17.99	945.41	7 8 42.11
		10 Вт.	5 8.96	0.354	7 17 47.63	22 14 42.3	18.95	945.43	7 12 38.67
11 Ср.		5 17.26	0.337	7 21 52.48	22 6 56.2	19.91	945.46	7 16 35.23	
12 Чт.		+ 5 25.14	0.319	7 25 56.92	+ 21 58 47.2	20.85	945.49	7 20 31.78	
13 Пт.		5 32.58	0.301	7 30 0.92	21 50 15.5	21.79	945.52	7 24 28.34	
14 Сб.	5 39.56	0.281	7 34 4.46	21 41 21.4	22.73	945.56	7 28 24.90		
15 Вс.	5 46.07	0.261	7 38 7.53	21 32 5.0	23.65	945.61	7 32 21.46		
16 Пн.	5 52.09	0.240	7 42 10.10	21 22 26.6	24.56	945.66	7 36 18.01		
17 Вт.	5 57.59	0.219	7 46 12.16	21 12 26.4	25.47	945.72	7 40 14.57		
18 Ср.	+ 6 2.57	0.196	7 50 13.70	+ 21 2 4.5	26.36	945.78	7 44 11.13		
19 Чт.	6 7.01	0.173	7 54 14.70	20 51 21.3	27.25	945.85	7 48 7.68		
20 Пт.	6 10.89	0.150	7 58 15.13	20 40 16.9	28.12	945.92	7 52 4.24		
21 Сб.	6 14.20	0.126	8 2 15.00	20 28 51.7	28.99	946.00	7 56 0.80		
22 Вс.	6 16.93	0.101	8 6 14.28	20 17 5.8	29.84	946.08	7 59 57.36		
23 Пн.	6 19.06	0.076	8 10 12.98	20 4 59.6	30.68	946.17	8 3 53.91		

День.	О ^h всемирного времени. Среднее равноденствие 1828.0					
	Долгота.	Широта.	lg R	X	Y	Z
			0.00			
Июнь 12	80 46 4.4	- 1.00	67259	+ 0.162 9381	+ 0.919 6684	+ 0.398 8981
13	81 43 24.1	0.92	67720	0.146 2150	0.922 1309	0.399 9667
14	82 40 43.4	0.81	68158	0.129 4489	0.924 3324	0.400 9222
15	83 38 2.3	0.68	68573	0.112 6447	0.926 2721	0.401 7643
16	84 35 20.7	0.54	68964	0.095 8075	0.927 9492	0.402 4924
17	85 32 38.7	0.41	69329	0.078 9422	0.929 3630	0.403 1065
18	86 29 56.3	- 0.27	69668	+ 0.062 0542	+ 0.930 5132	+ 0.403 6060
19	87 27 13.3	0.14	69980	0.045 1485	0.931 3992	0.403 9910
20	88 24 29.8	- 0.02	70265	0.028 2305	0.932 0210	0.404 2614
21	89 21 45.6	+ 0.07	70525	+ 0.011 3054	0.932 3786	0.404 4169
22	90 19 0.8	0.13	70760	- 0.005 6217	0.932 4725	0.404 4579
23	91 16 15.4	0.16	70971	0.022 5459	0.932 3027	0.404 3845
24	92 13 29.4	+ 0.17	71160	- 0.039 4622	+ 0.931 8696	+ 0.404 1967
25	93 10 42.8	0.14	71328	0.056 3658	0.931 1739	0.403 8947
26	94 7 55.6	0.08	71476	0.073 2519	0.930 2162	0.403 4791
27	95 5 7.9	0.00	71604	0.090 1159	0.928 9969	0.402 9497
28	96 2 19.6	- 0.11	71715	0.106 9533	0.927 5166	0.402 3071
29	96 59 31.0	0.21	71808	0.123 7595	0.925 7760	0.401 5515
30	97 56 42.2	0.33	71884	0.140 5298	+ 0.923 7758	+ 0.400 6833
Июль 1	98 53 53.0	0.45	71944	0.157 2600	0.921 5167	0.399 7028
2	99 51 3.5	0.57	71988	0.173 9455	0.918 9994	0.398 6103
3	100 48 13.9	0.69	72017	0.190 5820	0.916 2248	0.397 4063
4	101 45 24.3	0.79	72031	0.207 1649	0.913 1936	0.396 0909
5	102 42 34.8	0.87	72030	0.223 6903	0.909 9065	0.394 6647
6	103 39 45.4	- 0.92	72014	- 0.240 1535	+ 0.906 3644	+ 0.393 1280
7	104 36 56.2	0.95	71983	0.256 5502	0.902 5681	0.391 4813
8	105 34 7.3	0.94	71935	0.272 8761	0.898 5184	0.389 7248
9	106 31 18.8	0.90	71869	0.289 1269	0.894 2160	0.387 8588
10	107 28 30.7	0.83	71786	0.305 2979	0.889 6618	0.385 8838
11	108 25 43.1	0.73	71683	0.321 3847	0.884 8568	0.383 8001
12	109 22 56.0	- 0.61	71558	- 0.337 3824	+ 0.879 8018	+ 0.381 6082
13	110 20 9.6	0.47	71411	0.353 2866	0.874 4979	0.379 3084
14	111 17 23.7	0.33	71241	0.369 0923	0.868 9465	0.376 9012
15	112 14 38.3	0.19	71045	0.384 7948	0.863 1487	0.374 3872
16	113 11 53.4	- 0.05	70823	0.400 3891	0.857 1061	0.371 7671
17	114 9 9.0	+ 0.07	70575	0.415 8704	0.850 8204	0.369 0412
18	115 6 25.1	+ 0.17	70300	- 0.431 2337	+ 0.844 2935	+ 0.366 2108
19	116 3 41.5	0.24	69999	0.446 4745	0.837 5272	0.363 2763
20	117 0 58.3	0.27	69672	0.461 5881	0.830 5238	0.360 2388
21	117 58 15.4	0.28	69320	0.476 5699	0.823 2856	0.357 0993
22	118 55 32.8	0.28	68945	0.491 4159	0.815 8150	0.353 8588
23	119 52 50.6	0.23	68547	0.506 1216	0.808 1141	0.350 5184

День.	День недели.	Средний Гринвичский полдень (12 ^h всемирного времени).						
		Уравнение времени <i>сред. — ист.</i>	Часовое изменение.	Видимое прямо восхождение.	Видимое склонение.	Часовое изменение.	Полудиа-метр.	Звездное время.
Июль	23 Пн.	+ 6 19.06	0.076	8 10 12.98	+ 20 4 59.6	30.68	946.17	8 3 53.91
	24 Вт.	6 20.60	0.051	8 14 11.07	19 52 33.3	31.51	946.27	8 7 50.47
	25 Ср.	6 21.54	0.026	8 18 8.56	19 39 47.2	32.33	946.37	8 11 47.03
	26 Чт.	6 21.87	0.001	8 22 5.45	19 26 41.6	33.14	946.47	8 15 43.58
	27 Пт.	6 21.58	0.025	8 26 1.72	19 13 16.6	33.94	946.57	8 19 40.14
	28 Сб.	6 20.69	0.050	8 29 57.38	18 59 32.7	34.73	946.68	8 23 36.70
	29 Вс.	+ 6 19.18	0.076	8 33 52.43	+ 18 45 30.0	35.50	946.79	8 27 33.25
	30 Пн.	6 17.05	0.101	8 37 46.86	18 31 8.8	36.26	946.91	8 31 29.81
Авг.	31 Вт.	6 14.31	0.127	8 41 40.68	18 16 29.5	37.01	947.03	8 35 26.36
	1 Ср.	6 10.96	0.152	8 45 33.88	18 1 32.3	37.75	947.15	8 39 22.92
	2 Чт.	6 7.01	0.177	8 49 26.49	17 46 17.5	38.48	947.27	8 43 19.48
	3 Пт.	6 2.46	0.202	8 53 18.49	17 30 45.3	39.20	947.40	8 47 16.03
	4 Сб.	+ 5 57.31	0.227	8 57 9.90	+ 17 14 56.1	39.90	947.53	8 51 12.59
	5 Вс.	5 51.57	0.251	9 1 0.72	16 58 50.0	40.60	947.66	8 55 9.14
	6 Пн.	5 45.25	0.275	9 4 50.95	16 42 27.5	41.28	947.80	8 59 5.70
	7 Вт.	5 38.36	0.299	9 8 40.61	16 25 48.7	41.95	947.94	9 3 2.26
	8 Ср.	5 30.89	0.323	9 12 29.71	16 8 54.0	42.61	948.08	9 6 58.81
9 Чт.	5 22.87	0.346	9 16 18.24	15 51 43.6	43.25	948.23	9 10 55.37	
10 Пт.	+ 5 14.28	0.369	9 20 6.21	+ 15 34 17.8	43.89	948.38	9 14 51.92	
11 Сб.	5 5.14	0.392	9 23 53.62	15 16 37.0	44.51	948.53	9 18 48.48	
12 Вс.	4 55.46	0.415	9 27 40.49	14 58 41.4	45.12	948.69	9 22 45.03	
13 Пн.	4 45.23	0.438	9 31 26.82	14 40 31.4	45.71	948.85	9 26 41.59	
14 Вт.	4 34.45	0.460	9 35 12.60	14 22 7.3	46.29	949.02	9 30 38.14	
15 Ср.	4 23.15	0.482	9 38 57.85	14 3 29.4	46.86	949.19	9 34 34.70	
16 Чт.	+ 4 11.31	0.504	9 42 42.56	+ 13 44 38.0	47.41	949.37	9 38 31.25	
17 Пт.	3 58.94	0.526	9 46 26.75	13 25 33.5	47.95	949.55	9 42 27.81	
18 Сб.	3 46.06	0.547	9 50 10.42	13 6 16.2	48.48	949.74	9 46 24.36	
19 Вс.	3 32.66	0.569	9 53 53.58	12 46 46.4	48.99	949.93	9 50 20.92	
20 Пн.	3 18.77	0.589	9 57 36.24	12 27 4.6	49.48	950.13	9 54 17.47	
21 Вт.	3 4.38	0.609	10 1 18.41	12 7 10.9	49.97	950.33	9 58 14.03	
22 Ср.	+ 2 49.52	0.629	10 5 0.10	+ 11 47 5.9	50.44	950.53	10 2 10.58	
23 Чт.	2 34.19	0.648	10 8 41.33	11 26 49.7	50.89	950.74	10 6 7.14	
24 Пт.	2 18.41	0.667	10 12 22.10	11 6 22.7	51.34	950.95	10 10 3.69	
25 Сб.	2 2.19	0.685	10 16 2.43	10 45 45.2	51.77	951.16	10 14 0.25	
26 Вс.	1 45.55	0.702	10 19 42.34	10 24 57.6	52.18	951.38	10 17 56.80	
27 Пн.	1 28.50	0.718	10 23 21.85	10 4 0.1	52.58	951.60	10 21 53.35	
28 Вт.	+ 1 11.06	0.734	10 27 0.97	+ 9 42 53.1	52.97	951.82	10 25 49.91	
29 Ср.	0 53.25	0.749	10 30 39.71	9 21 37.0	53.35	952.04	10 29 46.46	
30 Чт.	0 35.09	0.764	10 34 18.10	9 0 11.9	53.71	952.26	10 33 43.02	
31 Пт.	+ 0 16.60	0.777	10 37 56.17	+ 8 38 38.3	54.06	952.49	10 37 39.57	
Сент.	1 Сб.	- 0 2.21	0.789	10 41 33.92	- 8 16 56.4	54.40	952.71	10 41 36.12
	2 Вс.	0 21.30	0.801	10 45 11.38	7 55 6.4	54.73	952.94	10 45 32.68

День.		0 ^h всемирного времени. Среднее равноденствие 1928.0					
		Долгота.	Широта.	lg R	X	Y	Z
				0.00			
Июль	23	119 52 50.6	+ 0.23	68547	- 0.506 1216	+ 0.808 1141	+ 0.350 5184
	24	120 50 8.7	0.15	68128	0.520 6829	0.800 1856	0.347 0791
	25	121 47 27.1	+ 0.06	67689	0.535 0958	0.792 0318	0.343 5418
	26	122 44 46.0	- 0.04	67232	0.549 3565	0.783 6552	0.339 9079
	27	123 42 5.4	0.14	66756	0.563 4610	0.775 0582	0.336 1785
	28	124 39 25.3	0.25	66263	0.577 4055	0.766 2433	0.332 3545
	29	125 36 45.6	- 0.37	65754	- 0.591 1864	+ 0.757 2133	+ 0.328 4371
	30	126 34 6.6	0.48	65231	0.604 8000	0.747 9703	0.324 4274
	31	127 31 28.3	0.58	64694	0.618 2425	0.738 5173	0.320 3266
	Авг.	1	128 28 50.8	0.66	64143	0.631 5106	0.728 8565
2		129 26 14.1	0.71	63580	0.644 6009	0.718 9906	0.311 8563
3		130 23 38.4	0.74	63003	0.657 5096	0.708 9221	0.307 4890
4		131 21 3.6	- 0.73	62414	- 0.670 2336	+ 0.698 6536	+ 0.303 0351
5		132 18 30.0	0.69	61814	0.682 7690	0.688 1875	0.298 4956
6		133 15 57.5	0.63	61200	0.695 1126	0.677 5264	0.293 8717
7		134 13 26.4	0.54	60571	0.707 2609	0.666 6727	0.289 1645
8		135 10 56.5	0.42	59927	0.719 2099	0.655 6294	0.284 3751
9		136 8 28.1	0.28	59267	0.730 9562	0.644 3988	0.279 5046
10		137 6 1.1	- 0.14	58590	- 0.742 4960	+ 0.632 9840	+ 0.274 5543
11	138 3 35.5	0.00	57894	0.753 8254	0.621 3878	0.269 5253	
12	139 1 11.3	+ 0.15	57177	0.764 9411	0.609 6134	0.264 4189	
13	139 58 48.5	0.27	56439	0.775 8390	0.597 6640	0.259 2365	
14	140 56 27.2	0.37	55680	0.786 5158	0.585 5430	0.253 9796	
15	141 54 7.2	0.45	54899	0.796 9676	0.573 2540	0.248 6497	
16	142 51 48.5	+ 0.49	54095	- 0.807 1912	+ 0.560 8005	+ 0.243 2482	
17	143 49 31.1	0.50	53269	0.817 1833	0.548 1864	0.237 7769	
18	144 47 14.9	0.50	52422	0.826 9408	0.535 4156	0.232 2376	
19	145 45 0.0	0.45	51555	0.836 4606	0.522 4918	0.226 6317	
20	146 42 46.2	0.38	50667	0.845 7400	0.509 4191	0.220 9612	
21	147 40 33.6	0.30	49762	0.854 7762	0.496 2014	0.215 2276	
22	148 38 22.2	+ 0.20	48841	- 0.863 5668	+ 0.482 8427	+ 0.209 4327	
23	149 36 11.9	+ 0.11	47903	0.872 1094	0.469 3467	0.203 5783	
24	150 34 2.8	- 0.01	46951	0.880 4015	0.455 7175	0.197 6660	
25	151 31 55.0	0.13	45986	0.888 4408	0.441 9590	0.191 6977	
26	152 29 48.5	0.23	45008	0.896 2252	0.428 0752	0.185 6751	
27	153 27 43.3	0.33	44019	0.903 7525	0.414 0698	0.179 5999	
28	154 25 39.5	- 0.40	43021	- 0.911 0207	+ 0.399 9469	+ 0.173 4737	
29	155 23 36.9	0.46	42014	0.918 0280	0.385 7105	0.167 2984	
30	156 21 35.9	0.48	41000	0.924 7724	0.371 3643	0.161 0756	
31	157 19 36.5	0.49	39980	0.931 2522	0.356 9122	0.154 8070	
Сент.	1	158 17 38.7	0.45	38954	0.937 4654	0.342 3578	0.148 4942
	2	159 15 42.6	0.39	37922	0.943 4103	0.327 7050	0.142 1390

День.	День недели.	Средний Гринвичский полдень (12 ^h всемирного времени).						
		Уравнение времени. <i>сред.—ист.</i>	Часо- вое изме- нение	Видимое прямое вос- хождение.	Видимое склонение.	Часо- вое изме- нение	Полу- диа- метр.	Звездное время.
		<i>м</i> <i>с</i>	<i>с</i>	<i>h</i> <i>m</i> <i>с</i>	<i>с</i> <i>л</i> <i>в</i>	<i>с</i> <i>л</i> <i>в</i>	<i>с</i> <i>л</i> <i>в</i>	<i>h</i> <i>m</i> <i>с</i>
Сент.	2 Вс.	— 0 21.30	0.801	10 45 11.38	+ 7 55 6.4	54.73	952.94	10 45 32.68
	3 Пн.	0 40.66	0.812	10 48 48.57	7 33 8.8	55.05	953.17	10 49 29.23
	4 Вт.	1 0 27	0.822	10 52 25.51	7 11 3.7	55.35	953.40	10 53 25.78
	5 Ср.	1 20.11	0.831	10 56 2.23	6 48 51.6	55.64	953.63	10 57 22.34
	6 Чт.	1 40.16	0.839	10 59 38.73	6 26 32.6	55.91	953.86	11 1 18.89
	7 Пт.	2 0 40	0.847	11 3 15.05	6 4 7.2	56.18	954.10	11 5 15.45
	8 Сб.	— 2 20.80	0.853	11 6 51.20	+ 5 41 35.5	56.43	954.34	11 9 12.00
	9 Вс.	2 41.36	0.859	11 10 27.19	5 18 58.0	56.67	954.58	11 13 8.55
	10 Пн.	3 2 06	0.865	11 14 3 04	4 56 15.0	56.89	954.82	11 17 5.11
	11 Вт.	3 22.89	0.870	11 17 38.77	4 33 26.8	57.10	955.07	11 21 1.66
	12 Ср.	3 43.81	0.874	11 21 14.40	4 10 33.8	57.29	955.32	11 24 58.21
	13 Чт.	4 4 83	0.877	11 24 49.94	3 47 36.3	57.47	955.57	11 28 54.77
	14 Пт.	— 4 25.92	0.880	11 28 25.40	+ 3 24 34.7	57.63	955.82	11 32 51.32
	15 Сб.	4 47.07	0.882	11 32 0.80	3 1 29.3	57.78	956.08	11 36 47.87
	16 Вс.	5 8 26	0.883	11 35 36.16	2 38 20.5	57.92	956.34	11 40 44.43
	17 Пн.	5 29.48	0.884	11 39 11.50	2 15 8.7	58.04	956.61	11 44 40.98
	18 Вт.	5 50.71	0.884	11 42 46.82	1 51 54.2	58.14	956.87	11 48 37.53
	19 Ср.	6 11.92	0.883	11 46 22.16	1 28 37.3	58.23	957.14	11 52 34.08
	20 Чт.	— 6 33.11	0.882	11 49 57.53	+ 1 5 18.4	58.31	957.41	11 56 30.64
21 Пт.	6 54.24	0.879	11 53 32.95	0 41 58.0	58.37	957.69	12 0 27.19	
22 Сб.	7 15.31	0.876	11 57 8.44	+ 0 18 36.2	58.42	957.96	12 4 23.74	
23 Вс.	7 36.28	0.872	12 0 44.01	— 0 4 46.6	58.45	958.24	12 8 20.30	
24 Пн.	7 57.15	0.867	12 4 19.70	0 28 9.9	58.47	958.51	12 12 16.85	
25 Вт.	8 17.89	0.861	12 7 55.52	0 51 33.5	58.47	958.79	12 16 13.40	
26 Ср.	— 8 38.47	0.854	12 11 31.49	— 1 14 57.0	58.46	959.07	12 20 9.96	
27 Чт.	8 58.87	0.846	12 15 7.64	1 38 20.1	58.44	959.34	12 24 6.51	
28 Пт.	9 19.08	0.837	12 18 43.99	2 1 42.4	58.40	959.62	12 28 3.06	
29 Сб.	9 39.06	0.827	12 22 20.56	2 25 3.7	58.35	959.90	12 31 59.62	
30 Вс.	9 58.79	0.817	12 25 57.38	2 48 23.6	58.28	960.17	12 35 56.17	
Окт.	1 Пн.	10 18.25	0.805	12 29 34.47	3 11 41.8	58.21	960.44	12 39 52.72
2 Вт.	— 10 37.41	0.792	12 33 11.87	— 3 34 58.0	58.12	960.72	12 43 49.28	
3 Ср.	10 56.25	0.778	12 36 49.58	3 58 11.8	58.01	960.99	12 47 45.83	
4 Чт.	11 14.74	0.763	12 40 27.64	4 21 23.0	57.89	961.26	12 51 42.38	
5 Пт.	11 32.86	0.747	12 44 6.07	4 44 31.2	57.76	961.53	12 55 38.94	
6 Сб.	11 50.60	0.731	12 47 44.89	5 7 36.0	57.62	961.80	12 59 35.49	
7 Вс.	12 7 92	0.713	12 51 24.12	5 30 37.1	57.45	962.07	13 3 32.04	
8 Пн.	— 12 24.82	0.695	12 55 3.77	— 5 53 34.1	57.28	962.34	13 7 28.60	
9 Вт.	12 41.28	0.676	12 58 43.87	6 16 26.6	57.08	962.61	13 11 25.15	
10 Ср.	12 57.27	0.657	13 2 24.43	6 39 14.3	56.87	962.89	13 15 21.70	
11 Чт.	13 12.78	0.636	13 6 5.47	7 1 56.7	56.65	963.16	13 19 18.26	
12 Пт.	13 27.81	0.615	13 9 47.01	7 24 33.5	56.40	963.43	13 23 14.81	
13 Сб.	13 42.32	0.594	13 13 29.05	7 47 4.3	56.14	963.71	13 27 11.36	

Среднее равноденствие 1928.0							
O ^h всемирного времени.							
День.	Долгота.	Широта.	lg R	X	Y	Z	
			0.00				
	с г р	°					
Сент.	2	159 15 42.6	-0.39	37922	-0.943 4103	+0.327 7050	+0.142 1390
	3	160 13 48.4	0.30	36884	0.949 0850	0.312 9577	0.135 7429
	4	161 11 56.0	0.19	35840	0.954 4876	0.298 1195	0.129 3074
	5	162 10 5.6	-0.05	34790	0.959 6162	0.283 1943	0.122 8344
	6	163 8 17.1	+0.09	33732	0.964 4688	0.268 1861	0.116 3254
	7	164 6 30.8	0.24	32665	0.969 0435	0.253 0990	0.109 7822
	8	165 4 46.5	+0.37	31587	-0.973 3382	+0.237 9371	+0.103 2065
	9	166 3 4.4	0.49	30499	0.977 3512	0.222 7048	0.096 6001
	10	167 1 24.4	0.59	29398	0.981 0807	0.207 4063	0.089 9650
	11	167 59 46.4	0.67	28284	0.984 5250	0.192 0465	0.083 3031
	12	168 58 10.4	0.72	27156	0.987 6824	0.176 6297	0.076 6164
	13	169 56 35.4	0.74	26015	0.990 5516	0.161 1606	0.069 9069
	14	170 55 4.3	+0.73	24860	-0.993 1316	+0.145 6443	+0.063 1767
	15	171 53 34.1	0.70	23690	0.995 4209	0.130 0854	0.056 4279
	16	172 52 5.8	0.64	22507	0.997 4190	0.114 4887	0.049 6625
	17	173 50 39.3	0.55	21312	0.999 1249	0.098 8592	0.042 8829
	18	174 49 14.5	0.46	20105	1.000 5383	0.083 2016	0.036 0909
	19	175 47 51.4	0.34	18889	1.001 6585	0.067 5205	0.029 2887
	20	176 46 30.1	+0.23	17663	-1.002 4852	+0.051 8208	+0.022 4783
	21	177 45 10.5	0.11	16429	1.003 0182	0.036 1071	0.015 6620
	22	178 43 52.6	+0.02	15189	1.003 2575	0.020 3842	0.008 8417
	23	179 42 36.5	-0.07	13944	1.003 2029	+0.004 6566	+0.002 0194
	24	180 41 22.0	0.15	12694	1.002 8545	-0.011 0710	-0.004 8028
	25	181 40 9.3	0.21	11442	1.002 2126	0.026 7939	0.011 6230
	26	182 38 58.3	-0.24	10188	-1.001 2773	-0.042 5080	-0.018 4390
	27	183 37 49.1	0.25	08936	1.000 0490	0.058 2086	0.025 2491
	28	184 36 41.8	0.22	07686	0.998 5281	0.073 8914	0.032 0513
	29	185 35 36.4	0.16	06438	0.996 7150	0.089 5520	0.038 8438
	30	186 34 33.0	-0.08	05194	0.994 6100	0.105 1863	0.045 6246
Окт.	1	187 33 31.6	+0.04	03955	0.992 2137	0.120 7899	0.052 3921
	2	188 32 32.4	+0.16	02720	-0.989 5259	-0.136 3587	-0.059 1443
	3	189 31 35.4	0.31	01489	0.986 5473	0.151 8884	0.065 8795
	4	190 30 40.6	0.45	00262	0.983 2781	0.167 3745	0.072 5958
	5	191 29 48.2	0.61	99036	0.979 7187	0.182 8128	0.079 2913
	6	192 28 58.2	0.74	97812	0.975 8692	0.198 1985	0.085 9642
	7	193 28 10.5	0.84	96589	0.971 7302	0.213 5271	0.092 6122
	8	194 27 25.2	+0.93	95365	-0.967 3024	-0.228 7936	-0.099 2337
	9	195 26 42.2	0.98	94140	0.962 5865	0.243 9936	0.105 8264
	10	196 26 1.5	1.01	92911	0.957 5833	0.259 1219	0.112 3880
	11	197 25 23.0	1.01	91680	0.952 2938	0.274 1739	0.118 9168
	12	198 24 46.8	0.97	90446	0.946 7195	0.289 1444	0.125 4104
	13	199 24 12.7	0.91	89209	0.940 8615	0.304 0288	0.131 8669
				9.99			

День.	День недели.	Средний Гринвичский полдень (12 ^h всемирного времени).						
		Уравнение времени. <i>сред. — ист.</i>	Часовое изменение	Видимое прямое восхождение.	Видимое склонение.	Часовое изменение	Полудиа-метр.	Звездное время.
Окт.	13 Сб.	— 13 42.32	0.594	13 13 29.05	— 7 47 4.3	56.14	963.71	13 27 11.36
	14 Вс.	13 56.31	0.572	13 17 11.61	8 9 28.6	55.87	963.99	13 31 7.92
	15 Пн.	14 9.75	0.549	13 20 54.72	8 31 46.1	55.57	964.26	13 35 4.47
	16 Вт.	14 22.65	0.526	13 24 38.38	8 53 56.3	55.27	964.54	13 39 1.03
	17 Ср.	14 34.97	0.502	13 28 22.61	9 15 58.9	54.94	964.82	13 42 57.58
	18 Чт.	14 46.71	0.477	13 32 7.42	9 37 53.4	54.59	965.09	13 46 54.14
	19 Пт.	— 14 57.85	0.452	13 35 52.84	— 9 59 39.5	54.23	965.37	13 50 50.69
	20 Сб.	15 8.38	0.426	13 39 38.86	10 21 16.7	53.86	965.65	13 54 47.24
	21 Вс.	15 18.28	0.399	13 43 25.52	10 42 44.6	53.46	965.92	13 58 43.80
	22 Пн.	15 27.53	0.372	13 47 12.82	11 4 2.8	53.05	966.19	14 2 40.35
	23 Вт.	15 36.13	0.344	13 51 0.78	11 25 11.0	52.62	966.47	14 6 36.91
	24 Ср.	15 44.05	0.316	13 54 49.42	11 46 8.7	52.18	966.74	14 10 33.46
	25 Чт.	— 15 51.28	0.287	13 58 38.74	— 12 6 55.6	51.72	967.01	14 14 30.02
	26 Пт.	15 57.81	0.257	14 2 28.77	12 27 31.2	51.25	967.27	14 18 26.57
	27 Сб.	16 3.61	0.227	14 6 19.51	12 47 55.2	50.76	967.54	14 22 23.13
	28 Вс.	16 8.68	0.196	14 10 11.00	13 8 7.2	50.25	967.80	14 26 19.68
	29 Пн.	16 13.00	0.164	14 14 3.24	13 28 6.9	49.73	968.06	14 30 16.24
	30 Вт.	16 16.54	0.132	14 17 56.25	13 47 53.8	49.19	968.31	14 34 12.79
Нояб.	31 Ср.	— 16 19.30	0.099	14 21 50.05	— 14 7 27.6	48.64	968.56	14 38 9.35
	1 Чт.	16 21.25	0.065	14 25 44.65	14 26 47.9	48.07	968.81	14 42 5.90
	2 Пт.	16 22.39	0.031	14 29 40.06	14 45 54.4	47.48	969.05	14 46 2.46
	3 Сб.	16 22.71	0.004	14 33 36.31	15 4 46.6	46.88	969.29	14 49 59.01
	4 Вс.	16 22.19	0.039	14 37 33.38	15 23 24.2	46.26	969.53	14 53 55.57
	5 Пн.	16 20.83	0.074	14 41 31.30	15 41 46.7	45.63	969.76	14 57 52.12
	6 Вт.	— 16 18.62	0.109	14 45 30.06	— 15 59 53.7	44.97	970.00	15 1 48.68
	7 Ср.	16 15.55	0.145	14 49 29.68	16 17 44.8	44.30	970.23	15 5 45.24
	8 Чт.	16 11.63	0.181	14 53 30.16	16 35 19.6	43.61	970.46	15 9 41.79
	9 Пт.	16 6.86	0.216	14 57 31.49	16 52 37.7	42.91	970.69	15 13 38.35
	10 Сб.	16 1.23	0.252	15 1 33.68	17 9 38.6	42.19	970.92	15 17 34.90
	11 Вс.	15 54.74	0.288	15 5 36.72	17 26 21.9	41.44	971.14	15 21 31.46
	12 Пн.	— 15 47.40	0.323	15 9 40.61	— 17 42 47.3	40.69	971.36	15 25 28.02
	13 Вт.	15 39.21	0.358	15 13 45.36	17 58 54.2	39.91	971.58	15 29 24.57
	14 Ср.	15 30.18	0.394	15 17 50.95	18 14 42.2	39.12	971.80	15 33 21.13
	15 Чт.	15 20.31	0.429	15 21 57.38	18 30 11.0	38.31	972.02	15 37 17.69
	16 Пт.	15 9.60	0.463	15 26 4.65	18 45 20.2	37.48	972.24	15 41 14.24
	17 Сб.	14 58.06	0.498	15 30 12.74	19 0 9.3	36.64	972.45	15 45 10.80
	18 Вс.	— 14 45.70	0.532	15 34 21.65	— 19 14 38.0	35.78	972.66	15 49 7.36
	19 Пн.	14 32.53	0.565	15 38 31.38	19 28 45.9	34.90	972.87	15 53 3.91
	20 Вт.	14 18.56	0.599	15 42 41.91	19 42 32.5	34.01	973.07	15 57 0.47
	21 Ср.	14 3.80	0.631	15 46 53.23	19 55 57.6	33.11	973.27	16 0 57.03
	22 Чт.	13 48.25	0.664	15 51 5.34	20 9 0.8	32.18	973.47	16 4 53.59
	23 Пт.	13 31.93	0.696	15 55 18.21	20 21 41.6	31.25	973.66	16 8 50.14

О^h всемирного времени.
Среднее равноденствие 1928.0.

День.	Среднее равноденствие 1928.0.					
	Долгота.	Широта.	log R	X	Y	Z
			9.99			
Окт. 13	199 24 12.7	+ 0.91	89209	- 0.940 8615	- 0.304 0288	- 0.131 8669
14	200 23 40.7	0.82	87968	0.934 7215	0.318 8222	0.138 2840
15	201 23 10.7	0.72	86725	0.928 3012	0.333 5200	0.144 6595
16	202 22 42.6	0.61	85479	0.921 6025	0.348 1173	0.150 9917
17	203 22 16.4	0.50	84233	0.914 6274	0.362 6096	0.157 2782
18	204 21 52.1	0.38	82987	0.907 3779	0.376 9921	0.163 5172
19	205 21 29.7	+ 0.27	81742	- 0.899 8564	- 0.391 2604	- 0.169 7067
20	206 21 9.1	0.16	80498	0.892 0650	0.405 4103	0.175 8447
21	207 20 50.2	0.08	79258	0.884 0062	0.419 4373	0.181 9294
22	208 20 33.0	+ 0.02	78022	0.875 6826	0.433 3371	0.187 9587
23	209 20 17.5	- 0.03	76792	0.867 0966	0.447 1055	0.193 9309
24	210 20 3.8	0.03	75569	0.858 2510	0.460 7385	0.199 8442
25	211 19 51.8	- 0.01	74357	- 0.849 1484	- 0.474 2319	- 0.205 6967
26	212 19 41.4	+ 0.05	73155	0.839 7917	0.487 5821	0.211 4871
27	213 19 32.9	0.13	71965	0.830 1836	0.500 7851	0.217 2135
28	214 19 26.1	0.23	70789	0.820 3268	0.513 8373	0.222 8742
29	215 19 21.1	0.36	69628	0.810 2230	0.526 7350	0.228 4679
30	216 19 18.1	0.49	68482	0.799 8778	0.539 4746	0.233 9929
31	217 19 17.1	+ 0.64	67352	- 0.789 2909	- 0.552 0523	- 0.239 4478
Нояб. 1	218 19 18.1	0.79	66237	0.778 4660	0.564 4645	0.244 8308
2	219 19 21.2	0.92	65137	0.767 4056	0.576 7073	0.250 1403
3	220 19 26.4	1.04	64050	0.756 1124	0.588 7771	0.255 3749
4	221 19 33.7	1.13	62976	0.744 5893	0.600 6697	0.260 5328
5	222 19 43.2	1.19	61914	0.732 8391	0.612 3812	0.265 6123
6	223 19 54.8	+ 1.22	60863	- 0.720 8653	- 0.623 9076	- 0.270 6117
7	224 20 8.5	1.22	59821	0.708 6706	0.635 2451	0.275 5293
8	225 20 24.3	1.20	58787	0.696 2589	0.646 3898	0.280 3635
9	226 20 41.9	1.13	57762	0.683 6336	0.657 3375	0.285 1124
10	227 21 1.4	1.05	56745	0.670 7986	0.668 0849	0.289 7745
11	228 21 22.8	0.94	55735	0.657 7575	0.678 6281	0.294 3481
12	229 21 46.0	+ 0.83	54734	- 0.644 5146	- 0.688 9633	- 0.298 8316
13	230 22 10.8	0.71	53740	0.631 0739	0.699 0873	0.303 2233
14	231 22 37.3	0.59	52754	0.617 4395	0.708 9966	0.307 5222
15	232 23 5.3	0.46	51778	0.603 6159	0.718 6877	0.311 7263
16	233 23 34.7	0.35	50811	0.589 6074	0.728 1578	0.315 8345
17	234 24 5.5	0.24	49854	0.575 4185	0.737 4036	0.319 8454
18	235 24 37.8	+ 0.17	48909	- 0.561 0537	- 0.746 4223	- 0.323 7577
19	236 25 11.3	0.12	47977	0.546 5176	0.755 2110	0.327 5699
20	237 25 46.1	0.09	47058	0.531 8147	0.763 7669	0.331 2812
21	238 26 22.1	0.09	46154	0.516 9499	0.772 0876	0.334 8903
22	239 26 59.2	0.12	45267	0.501 9278	0.780 1706	0.338 3961
23	240 27 37.4	0.20	44398	0.486 7531	0.788 0135	0.341 7976

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№ 56509

Свердловская
обл. научная
библиотека
им. В. Г. Белинского

Свердловская областная библиотека им. В. Г. Белинского
№ 2

День.	День недели.	Средний Гринвичский полдень (12 ^h всемирного времени).						
		Уравнение времени <i>сред. — ист.</i>	Часовое изменение	Видимое прямое восхождение.	Видимое склонение	Часовое изменение	Полудиа-метр.	Звездное время.
Нояб.	23 Пт.	— 13 31.93	0.696	15 55 18.21	— 20 21 41.6	31.25	973.66	16 8 50.14
	24 Сб.	13 14.85	0.727	15 59 31.85	20 33 59.9	30.30	973.85	16 12 46.70
	25 Вс.	12 57.01	0.758	16 3 46.24	20 45 55.2	29.34	974.03	16 16 43.26
	26 Пн.	12 38.44	0.789	16 8 1.38	20 57 27.3	28.36	974.21	16 20 39.82
	27 Вт.	12 19.13	0.819	16 12 17.24	21 8 35.8	27.37	974.38	16 24 35.37
	28 Ср.	11 59.10	0.849	16 16 33.83	21 19 20.4	26.37	974.55	16 28 32.93
	29 Чт.	— 11 38.37	0.879	16 20 51.12	— 21 29 40.9	25.33	974.71	16 32 29.49
	30 Пт.	11 16.94	0.907	16 25 9.11	21 39 37.0	24.34	974.87	16 36 26.05
Дек.	1 Сб.	10 54.83	0.935	16 29 27.78	21 49 8.3	23.30	975.02	16 40 22.60
	2 Вс.	10 32.05	0.962	16 33 47.41	21 58 14.7	22.25	975.16	16 44 19.16
	3 Пн.	10 8.64	0.989	16 38 7.08	22 6 55.7	21.19	975.30	16 48 15.72
	4 Вт.	9 44.60	1.014	16 42 27.68	22 15 11.2	20.12	975.44	16 52 12.28
	5 Ср.	— 9 19.97	1.038	16 46 48.87	— 22 23 0.9	19.04	975.57	16 56 8.84
	6 Чт.	8 54.77	1.062	16 51 10.62	22 30 24.5	17.95	975.70	17 0 5.40
	7 Пт.	8 29.03	1.084	16 55 32.92	22 37 21.9	16.85	975.82	17 4 1.95
	8 Сб.	8 2.78	1.104	16 59 55.73	22 43 52.6	15.74	975.94	17 7 58.51
	9 Вс.	7 36.05	1.124	17 4 19.02	22 49 56.6	14.62	976.06	17 11 55.07
	10 Пн.	7 8.86	1.142	17 8 42.77	22 55 33.6	13.49	976.17	17 15 51.63
	11 Вт.	— 6 41.26	1.159	17 13 6.93	— 23 0 43.4	12.35	976.28	17 19 48.19
	12 Ср.	6 13.28	1.174	17 17 31.47	23 5 25.8	11.20	976.39	17 23 44.75
	13 Чт.	5 44.94	1.188	17 21 56.36	23 9 40.8	10.05	976.49	17 27 41.31
	14 Пт.	5 16.29	1.200	17 26 21.57	23 13 28.0	8.90	976.59	17 31 37.86
	15 Сб.	4 47.37	1.211	17 30 47.06	23 16 47.4	7.73	976.69	17 35 34.42
	16 Вс.	4 18.19	1.220	17 35 12.79	23 19 38.9	6.57	976.78	17 39 30.98
	17 Пн.	— 3 48.82	1.228	17 39 38.72	— 23 22 2.3	5.40	976.87	17 43 27.54
	18 Вт.	3 19.27	1.235	17 44 4.83	23 23 57.6	4.22	976.95	17 47 24.10
	19 Ср.	2 49.58	1.240	17 48 31.07	23 25 24.8	3.05	977.03	17 51 20.66
	20 Чт.	2 19.80	1.243	17 52 57.41	23 26 23.6	1.87	977.11	17 55 17.22
	21 Пт.	1 49.96	1.245	17 57 23.82	23 26 54.2	0.69	977.18	17 59 13.78
	22 Сб.	1 20.08	1.245	18 1 50.25	23 26 56.6	0.49	977.24	18 3 10.33
23 Вс.	— 0 50.21	1.245	18 6 16.68	— 23 26 30.6	1.67	977.30	18 7 6.89	
24 Пн.	— 0 20.37	1.243	18 10 43.08	23 25 36.4	2.85	977.35	18 11 3.45	
25 Вт.	0 9.40	1.239	18 15 9.41	23 24 13.9	4.02	977.40	18 15 0.01	
26 Ср.	0 39.08	1.235	18 19 35.65	23 22 23.3	5.20	977.44	18 18 56.57	
27 Чт.	1 8.64	1.229	18 24 1.77	23 20 4.5	6.37	977.47	18 22 53.13	
28 Пт.	1 38.05	1.222	18 28 27.73	23 17 17.7	7.54	977.50	18 26 49.69	
29 Сб.	+	2 7.28	1.214	18 32 53.52	— 23 14 2.8	8.70	977.52	18 30 46.25
30 Вс.	2 36.30	1.205	18 37 19.11	23 10 20.1	9.87	977.53	18 34 42.80	
31 Пн.	3 5.09	1.195	18 41 44.46	23 6 9.5	11.02	977.54	18 38 39.36	
32 Вт.	3 33.62	1.183	18 46 9.54	23 1 31.3	12.17	977.54	18 42 35.92	

О^h всемирного времени.
Среднее равноденствие 19280.

День.	Среднее равноденствие 19280.						
	Долгота.	Ширина.	log R	X	Y	Z	
			9.99				
Нояб.	23	240 27 37.4	+ 0.20	44398	- 0.486 7531	- 0.788 0135	- 0.341 7976
	24	241 28 16.9	0.29	43549	0.471 4305	0.795 6142	0.345 0939
	25	242 28 57.4	0.41	42722	0.455 9644	0.802 9705	0.348 2840
	26	243 29 39.1	0.55	41917	0.440 3597	0.810 0806	0.351 3672
	27	244 30 22.0	0.69	41136	0.424 6207	0.816 9423	0.354 3428
	28	245 31 6.1	0.84	40380	0.408 7518	0.823 5658	0.357 2096
	29	246 31 51.5	+ 0.97	39649	- 0.392 7571	- 0.829 9130	- 0.359 9673
	30	247 32 38.3	1.09	38943	0.376 6416	0.836 0177	0.362 6146
Дек.	1	248 33 26.5	1.19	38261	0.360 4094	0.841 8661	0.365 1509
	2	249 34 16.2	1.25	37602	0.344 0650	0.847 4560	0.367 5750
	3	250 35 7.2	1.28	36965	0.327 6181	0.852 7851	0.369 8864
	4	251 35 59.6	1.29	36349	0.311 0586	0.857 8514	0.372 0838
	5	252 36 53.3	+ 1.27	35752	- 0.294 4062	- 0.862 6529	- 0.374 1666
	6	253 37 48.4	1.22	35173	0.277 6612	0.867 1878	0.376 1338
	7	254 38 44.8	1.13	34611	0.260 8288	0.871 4541	0.377 9848
	8	255 39 42.4	1.03	34067	0.243 9142	0.875 4501	0.379 7186
	9	256 40 41.2	0.91	33539	0.226 9227	0.879 1742	0.381 3346
	10	257 41 40.9	0.78	33027	0.209 8599	0.882 6251	0.382 8321
11	258 42 41.6	+ 0.65	32531	- 0.192 7311	- 0.885 8013	- 0.384 2103	
12	259 43 43.2	0.52	32050	0.175 5420	0.888 7017	0.385 4691	
13	260 44 45.6	0.40	31584	0.158 2981	0.891 3252	0.386 6078	
14	261 45 48.7	0.29	31134	0.141 0051	0.893 6708	0.387 6257	
15	262 46 52.4	0.20	30700	0.123 6687	0.895 7378	0.388 5227	
16	263 47 56.8	0.14	30282	0.106 2944	0.897 5256	0.389 2984	
17	264 49 1.7	+ 0.10	29882	- 0.088 8880	- 0.899 0335	- 0.389 9527	
18	265 50 6.9	0.09	29500	0.071 4552	0.900 2613	0.390 4854	
19	266 51 12.5	0.10	29137	0.054 0016	0.901 2088	0.390 8962	
20	267 52 18.3	0.15	28795	0.036 5327	0.901 8759	0.391 1852	
21	268 53 24.3	0.24	28474	0.019 0542	0.902 2626	0.391 3525	
22	269 54 30.5	0.35	28176	0.001 5714	0.902 3690	0.391 3982	
23	270 55 36.9	+ 0.47	27903	+ 0.015 9103	- 0.902 1957	- 0.391 3224	
24	271 56 43.4	0.61	27656	0.033 3856	0.901 7426	0.391 1252	
25	272 57 50.0	0.75	27437	0.050 8494	0.901 0105	0.390 8069	
26	273 58 56.7	0.87	27246	0.068 2967	0.899 9997	0.390 3677	
27	275 0 3.7	0.99	27085	0.085 7224	0.898 7104	0.389 8079	
28	276 1 11.0	1.09	26954	0.103 1217	0.897 1432	0.389 1276	
29	277 2 18.6	+ 1.16	26851	+ 0.120 4896	- 0.895 2983	- 0.388 3270	
30	278 3 26.5	1.20	26776	0.137 8211	0.893 1758	0.387 4062	
31	279 4 34.8	1.20	26729	0.155 1110	0.890 7765	0.386 3655	
32	280 5 43.4	1.17	26709	0.172 3543	0.888 1005	0.385 2049	

Прецессия, аберрация и параллакс.

Ср. Гринв. пологень.	Прецессия.	Аберрация.	Параллакс.	Ср. Гринв. пологень.	Прецессия.	Аберрация.	Параллакс.
1928							
ев. — 1	- 0.36	20.82	8.95	Июль 7	25.79	20.13	8.66
9	+1.02	20.82	8.95	17	27.17	20.14	8.66
19	2.40	20.80	8.94	27	28.54	20.16	8.67
29	3.77	20.78	8.93	Авг. 6	29.92	20.19	8.68
Февр. 8	5.15	20.74	8.92	16	31.29	20.23	8.70
18	6.52	20.70	8.90	26	32.67	20.27	8.71
28	7.90	20.66	8.88	Сент. 5	34.05	20.31	8.74
Март 9	9.28	20.61	8.86	15	35.42	20.36	8.76
19	10.65	20.55	8.83	25	36.80	20.42	8.78
29	12.03	20.49	8.81	Окт. 5	38.18	20.48	8.81
Апр. 8	13.40	20.43	8.78	15	39.55	20.54	8.83
18	14.78	20.38	8.76	25	40.93	20.60	8.86
28	16.16	20.32	8.73	Нояб. 4	42.30	20.65	8.88
Май 8	17.53	20.27	8.71	14	43.68	20.70	8.90
18	18.91	20.23	8.69	24	45.06	20.75	8.92
28	20.29	20.19	8.68	Дек. 4	46.43	20.78	8.93
Июнь 7	21.66	20.16	8.67	14	47.81	20.80	8.94
17	23.04	20.14	8.66	24	49.18	20.82	8.95
27	24.41	20.13	8.66	34	50.56	20.82	8.95
Июль 7	25.79	20.13	8.66				

Ф а з ы л у н ы.

Месяц.	Полнолуи.	Последняя четверть.	Новолуние.	Первая четверть.	Полнолуи.
1928					
	д ч м	д ч м	д ч м	д ч м	д ч м
Январь	7 6 8	14 21 14	22 20 19	29 19 26	— — —
Февраль	5 20 11	13 19 5	21 9 41	28 3 21	— — —
Март	6 11 27	14 15 20	21 20 29	28 11 54	— — —
Апрель	5 3 38	13 8 9	20 5 25	26 21 42	— — —
Май	4 20 12	12 20 50	19 13 14	26 9 12	— — —
Июнь	3 12 14	11 5 51	17 20 42	24 22 47	— — —
Июль	3 2 49	10 12 16	17 4 36	24 14 38	— — —
Август	1 15 31	8 17 24	15 13 49	23 8 21	31 2 34
Сентябрь	— — —	6 22 35	14 1 21	22 2 58	29 12 43
Октябрь	— — —	6 5 6	13 15 56	21 21 6	28 22 43
Ноябрь	— — —	4 14 6	12 9 35	20 13 36	27 9 6
Декабрь	— — —	4 2 32	12 5 6	20 3 43	26 19 55

Месяц.	Луна в		Месяц.	Луна в	
	Апогей	Перигей		Апогей	Перигей
	д ч	д ч		д ч	д ч
Январь	15 19	3 23	Июль	26 12	14 15
Январь	—	29 12	Август	23 7	10 17
Февраль	12 16	24 12	Сентябрь	20 2	4 17
Март	11 11	23 11	Октябрь	17 20	1 22
Апрель	8 0	20 19	Октябрь	—	30 2
Май	5 5	19 6	Ноябрь	14 8	27 14
Июнь	1 8	16 14	Декабрь	11 9	26 3
Июнь	28 20	—			

День.	Средняя Гринвичская полночь (О ^в всемирного времени).				Верхняя куммуляция в Гринвиче.	Изменение на час зап. долг.	Для места $\varphi=50^{\circ}$ $\lambda=0^{\circ}$					
	Видимое прямое восхожд.	Видимое склоне- нис.	Парал- лакс.	Полу- диаметр.			Восход.	Изменение на час зап. долг.	Заход.	Изменение на час авт. долг.		
1928												
Янв.	h m s	o ' "	' "	' "	h m	m	h m	m	h m	m		
0	0 16 1	- 3 50.1	58 49.2	16 3.1	18 18.1	2.03	12 11	0.8				
1	1 6 57	+ 2 4.8	59 12.0	16 9.3	19 7.4	2.09	12 30	0.8	0 40	3.3		
2	1 58 54	7 57.6	59 30.7	16 14.4	19 58.8	2.19	12 51	1.0	2 1	3.4		
3	2 52 51	13 28.8	59 43.3	16 17.9	20 53.0	2.33	13 16	1.2	3 24	3.5		
4	3 49 32	18 16.7	59 47.7	16 19.0	21 50.6	2.46	13 47	1.5	4 47	3.4		
5	4 49 7	21 59.1	59 41.8	16 17.4	22 50.8	2.54	14 26	1.9	6 9	3.3		
6	5 50 58	+24 17.0	59 24.7	16 12.8	23 51.9	2.53	15 18	2.4	7 23	2.9		
7	6 53 32	24 58.7	58 56.8	16 5.2	—	—	16 21	2.8	8 26	2.3		
8	7 54 51	24 4.3	58 19.8	15 55.1	0 51.6	2.43	17 33	3.0	9 14	1.7		
9	8 53 16	21 44.8	57 36.7	15 43.4	1 48.0	2.26	18 47	3.1	9 50	1.3		
10	9 47 52	18 17.9	56 51.1	15 30.9	2 40.1	2.08	20 1	3.0	10 18	1.0		
11	10 38 39	14 3.4	56 6.7	15 18.8	3 28.1	1.92	21 13	2.9	10 39	0.8		
12	11 26 10	+ 9 18.9	55 26.7	15 7.9	4 12.5	1.79	22 22	2.8	10 58	0.7		
13	12 11 16	+ 4 18.9	54 53.8	14 59.0	4 54.5	1.71	23 29	2.8	11 14	0.7		
14	12 54 58	- 0 45.2	54 30.0	14 52.5	5 35.2	1.68	—	—	11 30	0.6		
15	13 38 13	5 44.1	54 16.4	14 48.8	6 15.7	1.70	0 35	2.7	11 45	0.7		
16	14 21 59	10 29.2	54 13.4	14 48.0	6 57.0	1.75	1 41	2.8	12 3	0.8		
17	15 7 10	14 51.9	54 20.8	14 50.0	7 40.1	1.85	2 48	2.8	12 23	0.9		
18	15 54 32	-18 42.0	54 37.8	14 54.6	8 25.7	1.97	3 56	2.8	12 48	1.2		
19	16 44 36	21 48.0	55 2.9	15 1.4	9 14.5	2.10	5 4	2.8	13 20	1.5		
20	17 37 34	23 57.1	55 34.4	15 10.0	10 6.5	2.22	6 9	2.6	14 1	2.0		
21	18 33 2	24 56.8	56 9.8	15 19.7	11 0.8	2.30	7 8	2.3	14 54	2.5		
22	19 30 6	24 37.5	56 46.7	15 29.7	11 56.3	2.32	7 58	1.9	15 59	2.9		
23	20 27 32	22 55.4	57 22.4	15 39.4	12 51.5	2.28	8 38	1.5	17 12	3.1		
24	21 24 7	-19 54.1	57 54.7	15 48.2	13 45.3	2.20	9 10	1.2	18 30	3.3		
25	22 19 6	15 44.2	58 21.9	15 55.7	14 37.0	2.12	9 36	1.0	19 50	3.3		
26	23 12 19	10 40.8	58 43.3	16 1.5	15 27.1	2.06	9 58	0.9	21 10	3.3		
27	0 4 8	- 5 1.8	58 58.5	16 5.6	16 16.0	2.03	10 17	0.8	22 30	3.3		
28	0 55 19	+ 0 54.1	59 8.1	16 8.2	17 5.0	2.06	10 36	0.8	23 50	3.4		
29	1 46 47	6 48.4	59 12.5	16 9.5	17 55.0	2.12	10 56	0.9	—	—		
30	2 39 31	+12 22.0	59 12.4	16 9.4	18 47.2	2.22	11 19	1.0	1 11	3.4		
31	3 34 20	17 15.8	59 8.0	16 8.2	19 42.0	2.35	11 46	1.3	2 32	3.4		
Февр.	1 4 31 39	21 10.7	58 59.0	16 5.8	20 39.6	2.44	12 22	1.7	3 53	3.2		
2	5 31 15	23 49.3	58 45.2	16 2.0	21 38.8	2.48	13 7	2.1	5 8	2.9		
3	6 32 9	24 59.2	58 26.0	15 56.8	22 37.9	2.43	14 4	2.6	6 13	2.5		
4	7 32 46	24 36.1	58 1.4	15 50.1	23 34.9	2.31	15 12	2.9	7 6	1.9		
5	8 31 29	+22 45.6	57 31.9	15 42.0	—	—	16 25	3.1	7 46	1.5		
6	9 27 9	19 41.1	56 58.5	15 32.9	0 28.6	2.15	17 40	3.1	8 17	1.1		
7	10 19 20	15 40.4	56 23.1	15 23.3	1 18.4	2.00	18 53	3.0	8 41	0.9		
8	11 8 17	11 1.7	55 47.9	15 13.7	2 4.6	1.86	20 4	2.9	9 1	0.8		
9	11 54 36	6 1.3	55 15.4	15 4.8	2 48.0	1.77	21 12	2.8	9 18	0.7		
10	12 39 9	0 52.7	54 47.9	14 57.4	3 29.6	1.71	22 20	2.8	9 34	0.6		

День.	Средняя Гринвичская полночь (О ^h всемирного времени).				Верхняя кульминация в Гринвиче.	Изменение на час зап. долг.	Для места $\varphi=50^{\circ}$ $\lambda=0^{\circ}$				
	Видимое прямое восход.	Видимое склоне- нис.	Пара- лакс.	Полу- диаметр.			Восход.	Изменение на час зап. долг.	Заход.	Изменение на час зап. долг.	
1928											
Февр.	10	12 39 9	+ 0 52.7	54 47.9	14 57.4	3 29.6	1.71	22 20	2.8	9 34	0.6
	11	13 22 50	- 4 12.8	54 27.6	14 51.8	4 10.4	1.70	23 26	2.8	9 49	0.7
	12	14 6 34	9 5.9	54 15.9	14 48.6	4 51.5	1.73	-	-	10 6	0.8
	13	14 51 12	13 37.6	54 14.2	14 48.2	5 33.7	1.79	0 33	2.8	10 25	0.9
	14	15 37 34	17 38.8	54 22.9	14 50.5	6 17.9	1.90	1 40	2.8	10 47	1.1
	15	16 26 13	20 59.4	54 42.1	14 55.8	7 4.9	2.02	2 48	2.8	11 16	1.4
	16	17 17 37	-23 27.8	55 11.0	15 3.6	7 54.9	2.15	3 54	2.6	11 52	1.7
	17	18 11 42	24 52.1	55 48.2	15 13.8	8 47.7	2.25	4 55	2.4	12 39	2.2
	18	19 7 56	25 1.6	56 31.4	15 25.6	9 42.6	2.31	5 49	2.0	13 39	2.7
	19	20 5 18	23 49.0	57 17.7	15 38.2	10 38.2	2.31	6 33	1.7	14 49	3.1
	20	21 2 39	21 13.4	58 3.5	15 50.6	11 33.3	2.27	7 9	1.3	16 7	3.3
	21	21 59 2	17 21.2	58 44.8	16 1.9	12 27.0	2.21	7 37	1.1	17 28	3.4
	22	22 53 59	-12 25.6	59 18.3	16 11.0	13 19.0	2.14	8 1	0.9	18 51	3.4
	23	23 47 34	6 44.5	59 41.2	16 17.3	14 9.8	2.10	8 21	0.8	20 13	3.4
	24	0 40 18	- 0 38.9	59 52.4	16 20.3	15 0.2	2.10	8 41	0.8	21 36	3.5
	25	1 32 59	+ 5 29.5	59 52.2	16 20.3	15 51.1	2.14	9 1	0.9	22 59	3.5
	26	2 26 27	11 18.9	59 42.1	16 17.5	16 43.4	2.22	9 23	1.0	-	-
	27	3 21 30	16 28.5	59 24.4	16 12.7	17 37.9	2.32	9 49	1.2	0 22	3.4
	28	4 18 30	+20 39.0	59 1.5	16 6.4	18 34.6	2.40	10 21	1.5	1 43	3.3
	29	5 17 23	23 34.2	58 35.4	15 59.3	19 32.7	2.43	11 3	2.0	3 0	3.0
	Март	1	6 47 21	25 2.8	58 7.6	15 51.8	20 30.9	2.40	11 56	2.4	4 8
2		7 17 7	25 0.7	57 38.9	15 44.0	21 27.6	2.31	12 59	2.8	5 3	2.0
3		8 15 17	23 31.8	57 9.9	15 36.1	22 21.3	2.17	14 9	3.0	5 46	1.6
4		9 10 47	20 47.3	56 40.8	15 28.1	23 11.6	2.02	15 23	3.1	6 19	1.2
5		10 3 9	+17 2.5	56 11.8	15 20.2	23 58.5	1.90	16 36	3.0	6 45	1.0
6		10 52 28	12 34.0	55 43.5	15 12.5	-	-	17 48	3.0	7 5	0.8
7		11 39 15	7 37.8	55 16.6	15 5.2	0 42.6	1.79	18 58	2.9	7 23	0.7
8		12 24 12	+ 2 28.1	54 52.3	14 58.6	1 24.8	1.73	20 5	2.8	7 39	0.6
9		13 8 9	- 2 42.9	54 32.0	14 53.0	2 5.9	1.70	21 12	2.8	7 54	0.6
10		13 51 55	7 44.4	54 17.2	14 49.0	2 46.9	1.72	22 20	2.8	8 10	0.7
11		14 36 16	-12 26.5	54 9.2	14 46.8	3 28.6	1.77	23 27	2.8	8 28	0.8
12	15 21 58	16 39.7	54 9.6	14 46.9	4 11.9	1.84	-	-	8 48	1.0	
13	16 9 36	20 14.3	54 19.3	14 49.6	4 57.4	1.95	0 34	2.8	9 14	1.2	
14	16 59 36	22 59.9	54 39.0	14 54.9	5 45.5	2.06	1 41	2.7	9 46	1.5	
15	17 52 2	24 45.7	55 8.7	15 3.0	6 36.4	2.17	2 43	2.5	10 27	2.0	
16	18 46 37	25 41.8	55 47.8	15 13.7	7 29.4	2.24	3 39	2.2	11 20	2.5	
17	19 42 39	-24 40.2	56 34.9	15 26.5	8 23.8	2.28	4 27	1.8	12 25	2.9	
18	20 39 13	22 37.2	57 27.4	15 40.8	9 18.3	2.26	5 5	1.4	13 39	3.2	
19	21 35 27	19 15.0	58 21.7	15 55.6	10 12.2	2.23	5 36	1.2	14 59	3.4	
20	22 30 49	14 41.7	59 13.2	16 9.6	11 5.1	2.18	6 1	1.0	16 21	3.5	
21	23 25 14	9 11.5	59 56.9	16 21.5	11 57.1	2.15	6 23	0.9	17 46	3.5	
22	0 19 4	3 3.6	60 28.2	16 30.1	12 48.7	2.15	6 43	0.8	19 10	3.5	

День.	Средняя Гринвичская полночь (O ^h всемирного времени).				Верхняя кульминация в Гринвиче.	Изменение на час зап. долг.	Для места φ=50°; λ=0°						
	Видное прямое восхожд.	Видное склоне- ние.	Парал- лакс.	Полу- диаметр.			Восход	Изменен. на час зап. долг.	Заход	Изменен. на час зап. долг.			
1928													
Март	22	0 ^h 19 ^m 4 ^s	- 3 3.6	60 28.2	16 30.1	12 48.7	2.15	6 43	0.8	19 10	3.5		
	23	1 12 58	+ 3 19.5	60 44.0	16 34.4	13 40.8	2.20	7 3	0.9	20 36	3.6		
	24	2 7 43	9 32.8	60 43.1	16 34.1	14 34.4	2.27	7 25	1.0	22 3	3.6		
	25	3 4 3	15 11.2	60 26.7	16 29.7	15 30.1	2.36	7 49	1.1	23 29	3.5		
	26	4 2 19	19 51.3	59 57.8	16 21.8	16 27.8	2.44	8 20	1.5	—	—		
	27	5 2 21	23 13.8	59 20.6	16 11.7	17 27.1	2.48	8 59	1.9	0 50	3.2		
	28	6 3 19	+25 6.0	58 39.1	16 0.3	18 26.3	2.44	9 49	2.3	2 3	2.8		
	29	7 3 51	25 23.8	57 56.7	15 48.8	19 23.7	2.33	10 50	2.7	3 3	2.2		
	30	8 2 33	24 12.0	57 15.8	15 37.6	20 18.4	2.19	11 59	3.0	3 49	1.7		
	31	8 58 20	21 42.5	56 37.9	15 27.3	21 8.8	2.04	13 12	3.0	4 24	1.3		
Апр.	1	9 50 49	18 10.5	56 3.9	15 18.1	21 56.0	1.90	14 25	3.0	4 51	1.0		
	2	10 40 9	13 52.1	55 33.9	15 9.9	22 40.3	1.80	15 35	2.9	5 12	0.8		
	3	11 26 53	+ 9 2.6	55 7.9	15 2.8	23 22.4	1.72	16 46	2.9	5 30	0.7		
	4	12 11 45	+ 3 55.5	54 45.8	14 56.8	—	—	17 54	2.8	5 45	0.6		
	5	12 55 33	- 1 17.1	54 27.7	14 51.8	0 3.5	1.69	19 1	2.8	6 1	0.6		
	6	13 39 7	6 24.2	54 13.9	14 48.1	0 44.2	1.71	20 8	2.8	6 16	0.6		
	7	14 23 10	11 15.3	54 4.9	14 45.6	- 1 25.5	1.74	21 16	2.8	6 32	0.7		
	8	15 8 26	15 40.2	54 1.7	14 44.8	2 8.1	1.82	22 23	2.8	6 52	0.9		
	9	15 55 27	-19 28.8	54 5.1	14 45.7	2 52.7	1.91	23 30	2.7	7 15	1.1		
	10	16 44 35	22 30.4	54 16.0	14 48.7	3 39.7	2.00	—	—	7 44	1.4		
	11	17 35 56	24 31.9	54 35.5	14 54.0	4 29.1	2.11	0 34	2.5	8 21	1.8		
	12	18 29 13	25 33.0	55 3.9	15 1.7	5 20.6	2.18	1 32	2.2	9 9	2.2		
	13	19 23 50	25 17.3	55 41.5	15 11.9	6 13.3	2.21	2 22	1.9	10 7	2.6		
	14	20 19 1	23 44.1	56 27.5	15 24.5	7 6.5	2.21	3 3	1.5	11 16	3.0		
	15	21 14 0	-20 53.8	57 20.3	15 38.9	7 59.2	2.18	3 36	1.2	12 31	3.2		
	16	22 8 19	16 51.7	58 17.2	15 54.5	8 51.1	2.15	4 3	1.0	13 51	3.4		
	17	23 1 56	11 47.5	59 14.1	16 9.9	9 42.4	2.13	4 25	0.9	15 13	3.5		
	18	23 55 10	- 5 55.4	60 5.7	16 23.9	10 33.4	2.14	4 45	0.8	16 38	3.5		
	19	0 48 42	+ 0 25.8	60 46.5	16 35.1	11 25.3	2.19	5 5	0.8	18 3	3.6		
	20	1 43 22	6 52.9	61 11.5	16 41.9	12 18.8	2.27	5 25	0.9	19 32	3.7		
	21	2 39 59	+12 59.4	61 17.4	16 43.5	13 14.8	2.40	5 48	1.1	21 1	3.7		
	22	3 39 4	18 17.4	61 4.0	16 39.8	14 13.7	2.51	6 16	1.3	22 28	3.5		
	23	4 40 34	22 21.1	60 33.4	16 31.5	15 14.8	2.57	6 52	1.7	23 49	3.1		
	24	5 43 35	24 51.6	59 50.2	16 19.7	16 16.6	2.55	7 39	2.2	—	—		
	25	6 46 29	25 40.4	58 59.5	16 5.9	17 16.9	2.45	8 38	2.7	0 56	2.5		
	26	7 47 29	24 51.2	58 6.5	15 51.5	18 13.6	2.28	9 47	3.0	1 49	1.9		
	27	8 45 11	+22 36.9	57 15.1	15 37.5	19 6.2	2.10	11 0	3.1	2 28	1.4		
	28	9 39 11	19 15.2	56 28.2	15 24.7	19 54.7	1.94	12 14	3.0	2 57	1.1		
	29	10 29 11	15 4.2	55 47.3	15 13.5	20 39.6	1.81	13 26	3.0	3 19	0.9		
	30	11 16 17	10 19.8	55 13.3	15 4.3	21 22.1	1.73	14 36	2.9	3 38	0.7		
Май	1	12 1 12	5 15.8	54 46.2	14 56.9	22 3.0	1.69	15 44	2.8	3 53	0.6		
	2	12 44 50	0 3.9	54 25.6	14 51.3	22 43.4	1.69	16 51	2.8	4 9	0.6		

День.	Средняя Гринвичская полночь (O^v всемирного времени).				Верхняя куламинация в Гринвиче.	Изменение на час зап. долг.	Для места $\varphi=50^{\circ}$ $\lambda=0^{\circ}$				
	Видимое прямое восход.	Видимое склоне- нис.	Парал- лакс.	Полу- диаметр.			Восход	Изменение на час зап. долг.	Заход	Изменение на час зап. долг.	
1928											
Май	2	12 44 50	+ 0 3.9	54 25.6	14 51.3	22 43.4	1.69	16 51	2.8	4 9	0.6
	3	13 28 3	- 5 5.5	54 11.0	14 47.3	23 24.2	1.72	17 58	2.8	4 23	0.6
	4	14 11 41	10 2.4	54 2.1	14 44.9	—	—	19 5	2.8	4 39	0.7
	5	14 56 29	14 36.6	53 58.4	14 43.9	0 6.2	1.78	20 14	2.8	4 57	0.8
	6	15 43 1	18 37.5	54 0.1	14 44.3	0 50.1	1.88	21 21	2.8	5 18	0.9
	7	16 31 40	21 54.1	54 7.2	14 46.3	1 36.4	1.98	22 27	2.6	5 45	1.3
	8	17 22 30	-24 15.6	54 20.3	14 49.8	2 25.0	2.07	23 27	2.3	6 19	1.6
	9	18 15 13	25 32.4	54 39.8	14 55.2	3 15.7	2.14	—	—	7 3	2.0
	10	19 9 11	25 37.2	55 6.5	15 2.4	4 7.6	2.18	0 20	2.0	7 57	2.5
	11	20 3 33	24 26.7	55 40.5	15 11.7	4 59.9	2.16	1 3	1.6	9 2	2.8
	12	20 57 33	22 1.5	56 21.9	15 23.0	5 51.6	2.13	1 38	1.3	10 13	3.1
	13	21 50 40	18 26.6	57 9.8	15 35.0	6 42.2	2.09	2 5	1.0	11 29	3.2
	14	22 42 53	-13 50.1	58 2.6	15 50.4	7 31.9	2.06	2 28	0.9	12 48	3.3
	15	23 34 31	8 23.3	58 57.2	16 5.3	8 21.2	2.06	2 48	0.8	14 8	3.4
	16	0 26 17	- 2 20.5	59 49.5	16 19.5	9 11.0	2.10	3 7	0.8	15 31	3.5
	17	1 19 7	+ 4 0.1	60 34.3	16 31.7	10 2.3	2.19	3 26	0.8	16 57	3.6
	18	2 14 1	10 16.1	61 6.1	16 40.4	10 56.5	2.32	3 47	1.0	18 25	3.7
	19	3 11 50	16 0.8	61 20.5	16 44.3	11 54.1	2.48	4 12	1.2	19 55	3.7
	20	4 12 56	+20 45.4	61 15.2	16 42.9	12 55.3	2.61	4 44	1.5	21 22	3.4
	21	5 16 46	24 3.5	60 50.7	16 36.2	13 58.8	2.66	5 26	2.0	22 39	2.9
	22	6 21 48	25 37.9	60 10.4	16 25.2	15 2.2	2.60	6 21	2.6	23 40	2.2
	23	7 25 47	25 24.9	59 19.1	16 11.2	16 2.8	2.44	7 29	3.0	—	—
	24	8 26 41	23 34.9	58 22.6	15 55.9	16 59.1	2.24	8 43	3.1	0 26	1.7
	25	9 23 24	20 27.1	57 25.9	15 40.4	17 50.5	2.04	10 0	3.1	1 0	1.2
	26	10 15 46	-16 22.7	56 33.1	15 26.0	18 37.3	1.88	11 14	3.0	1 25	0.9
	27	11 4 22	11 41.0	55 46.9	15 13.4	19 21.1	1.76	12 26	2.9	1 45	0.8
	28	11 50 9	6 37.6	55 8.8	15 3.1	20 2.4	1.70	13 35	2.8	2 2	0.7
	29	12 34 8	+ 1 25.0	54 39.4	14 55.0	20 42.9	1.68	14 42	2.8	2 17	0.6
	30	13 17 20	- 3 46.5	54 18.6	14 49.4	21 23.3	1.70	15 49	2.8	2 31	0.6
	31	14 0 40	8 47.4	54 5.8	14 45.9	22 4.7	1.76	16 56	2.8	2 46	0.7
	Июнь	1	14 44 59	-13 28.4	54 0.3	14 44.4	22 48.0	1.84	18 4	2.8	3 4
2		15 31 0	17 39.3	54 1.3	14 44.7	23 33.5	1.95	19 12	2.8	3 24	0.9
3		16 19 10	21 9.1	54 8.0	14 46.5	—	—	20 18	2.7	3 48	1.2
4		17 9 39	23 46.5	54 19.7	14 49.7	0 21.6	2.06	21 21	2.5	4 20	1.5
5		18 2 13	25 20.8	54 36.2	14 54.2	1 12.0	2.13	22 17	2.1	5 0	1.9
6		18 56 12	25 43.8	54 57.3	14 59.9	2 3.9	2.18	23 3	1.7	5 52	2.4
7		19 50 39	-24 51.3	55 23.1	15 6.9	2 56.2	2.17	23 40	1.4	6 53	2.7
8		20 44 37	22 44.2	55 53.8	15 15.3	3 47.9	2.13	—	—	8 2	3.0
9		21 37 27	19 27.6	56 29.3	15 25.0	4 38.3	2.07	0 10	1.1	9 16	3.1
10		22 28 58	15 10.5	57 9.5	15 35.9	5 27.2	2.01	0 33	0.9	10 32	3.2
11		23 19 26	10 4.0	57 53.4	15 47.9	6 15.1	1.99	0 54	0.8	11 50	3.3
12		0 9 31	4 20.9	58 39.2	16 0.4	7 2.9	2.00	1 12	0.7	13 9	3.3

День	Средняя Гринвичская полночь (0 ^h всемирного времени).				Верхняя кульминация в Гринвиче	Изменение на час зап. долг.	Для места $\varphi=50^{\circ} \lambda=0^{\circ}$			
	Видимое прямое восходж.	Видимое склонен. инс.	Парал. лакс.	Полу- диаметр.			Восход	Изменение на час зап. долг.	Заход	Изменение на час зап. долг.
1928	h m s	" "	" "	" "	h m m	h m m	h m m	h m m	m	
Июнь 12	0 9 31	- 4 20.9	58 39.2	16 0.4	7 2.9 2.00	1 12 0.7	13 9 3.3			
13	1 0 11	+ 1 44.0	59 24.0	16 12.6	7 51.5 2.07	1 30 0.8	14 30 3.4			
14	1 52 28	7 52.7	60 4.3	16 23.5	8 42.5 2.18	1 49 0.9	15 54 3.6			
15	2 47 29	13 43.6	60 35.4	16 32.0	9 36.8 2.35	2 11 1.0	17 22 3.6			
16	3 46 0	18 51.0	60 53.2	16 36.9	10 35.2 2.52	2 38 1.3	18 49 3.5			
17	4 48 8	22 47.4	60 54.6	16 37.3	11 37.4 2.65	3 15 1.8	20 12 3.2			
18	5 52 58	+25 9.0	60 38.5	16 32.9	12 41.6 2.68	4 3 2.3	21 23 2.6			
19	6 58 27	25 42.5	60 6.3	16 24.1	13 45.1 2.59	5 6 2.8	22 18 2.0			
20	8 2 7	24 29.6	59 21.4	16 11.9	14 45.2 2.41	6 19 3.2	22 57 1.4			
21	9 2 4	21 45.7	58 28.9	15 57.6	15 40.4 2.19	7 38 3.3	23 27 1.1			
22	9 57 30	17 53.2	57 33.7	15 42.5	16 30.7 2.00	8 56 3.2	23 49 0.8			
23	10 48 37	13 15.0	56 40.4	15 28.0	17 16.7 1.85	10 10 3.0	- -			
24	11 36 13	+ 8 10.3	55 52.6	15 15.0	17 59.7 1.74	11 22 2.9	0 7 0.7			
25	12 21 22	+ 2 54.1	55 12.6	15 4.1	18 40.9 1.70	12 30 2.8	0 24 0.6			
26	13 5 8	- 2 22.0	54 41.8	14 55.7	19 21.4 1.69	13 38 2.8	0 38 0.6			
27	13 48 35	7 28.3	54 20.8	14 50.0	20 2.6 1.74	14 45 2.8	0 53 0.7			
28	14 32 39	12 15.9	54 9.2	14 46.8	20 45.1 1.81	15 52 2.8	1 10 0.7			
29	15 18 8	16 35.7	54 6.5	14 46.1	21 29.8 1.92	17 0 2.8	1 28 0.9			
30	16 5 42	-20 17.4	54 11.8	14 47.5	22 17.1 2.03	18 8 2.8	1 51 1.1			
Июль 1	16 55 40	23 9.8	54 23.7	14 50.8	23 7.0 2.13	19 13 2.6	2 20 1.4			
2	17 47 58	25 1.7	54 41.1	14 55.5	23 58.9 2.19	20 12 2.3	2 58 1.8			
3	18 42 4	25 43.5	55 2.8	15 1.4	- -	21 2 1.9	3 46 2.2			
4	19 36 59	25 9.1	55 27.8	15 8.2	0 51.8 2.20	21 42 1.5	4 45 2.6			
5	20 31 40	23 17.9	55 55.2	15 15.7	1 44.3 2.17	22 13 1.2	5 53 2.9			
6	21 25 12	-20 14.7	56 24.5	15 23.7	2 35.6 2.10	22 39 1.0	7 6 3.1			
7	22 17 11	16 8.8	56 55.5	15 32.1	3 25.1 2.03	23 0 0.8	8 22 3.2			
8	23 7 42	11 12.7	57 27.7	15 40.9	4 13.0 1.97	23 18 0.7	9 39 3.2			
9	23 57 18	- 5 39.9	58 0.8	15 49.9	5 0.0 1.96	23 36 0.7	10 56 3.2			
10	0 46 48	+ 0 14.8	58 33.9	15 58.9	5 47.2 1.98	23 54 0.8	12 14 3.3			
11	1 37 16	6 15.2	59 5.6	16 7.6	6 35.8 2.07	- -	13 35 3.4			
12	2 29 47	+12 2.9	59 33.9	16 15.3	7 26.9 2.20	0 14 0.9	14 58 3.5			
13	3 25 20	17 16.6	59 56.1	16 21.3	8 21.7 2.37	0 38 1.1	16 24 3.5			
14	4 24 30	21 32.7	60 9.3	16 24.9	9 20.5 2.53	1 9 1.5	17 47 3.3			
15	5 26 59	24 27.2	60 10.9	16 25.4	10 22.6 2.64	1 50 2.0	19 2 2.9			
16	6 31 28	25 42.1	59 59.4	16 22.2	11 26.0 2.63	2 45 2.6	20 4 2.3			
17	7 35 44	25 10.6	59 34.8	16 15.5	12 28.0 2.51	3 54 3.0	20 51 1.7			
18	8 37 33	+23 0.0	58 58.9	16 5.8	13 26.1 2.32	5 11 3.3	21 25 1.2			
19	9 35 27	19 29.0	58 14.9	15 53.7	14 19.4 2.13	6 31 3.3	21 50 1.0			
20	10 29 4	15 0.6	57 26.6	15 40.6	15 8.3 1.95	7 49 3.2	22 11 0.8			
21	11 18 50	9 56.9	56 38.2	15 27.4	15 53.4 1.82	9 4 3.0	22 28 0.7			
22	12 5 38	+ 4 36.2	55 53.4	15 15.2	16 36.1 1.74	10 15 2.9	22 44 0.6			
23	12 50 31	- 0 47.0	55 15.0	15 4.7	17 17.5 1.71	11 24 2.9	22 58 0.6			

День.	Средняя Гринвичская полночь. (O ^h всемирного времени)				Верхняя кульминация в Гриниче.	Изменение на час. зап. долг.	Для места $\varphi=50^{\circ}$ $\lambda=0^{\circ}$				
	Видимое прямое восхожд.	Видимое склоне- ние.	Пара- лакс.	Полу- диаметр.			Восход.	Изменение на час зап. долг.	Заход.	Изменение на час зап. долг.	
1928											
Июль	23	12 50 31	— 0 47.0	55 15.0	15 4.7	17 17.5	1.71	11 24	2.9	22 58	0.6
	24	13 34 32	6 1.7	54 45.1	14 56.6	17 58.7	1.73	12 32	2.8	23 14	0.7
	25	14 18 40	10 58.4	54 24.9	14 51.1	18 40.8	1.79	13 40	2.8	23 32	0.8
	26	15 3 50	15 28.2	54 14.8	14 48.4	19 24.7	1.87	14 48	2.8	23 53	1.0
	27	15 50 46	19 21.9	54 14.8	14 48.3	20 11.0	1.98	15 56	2.8	—	—
	28	16 39 58	22 29.2	54 24.0	14 50.9	20 59.9	2.09	17 2	2.6	0 20	1.3
	29	17 31 35	—24 39.3	54 41.4	14 55.6	21 51.3	2.18	18 3	2.4	0 54	1.6
	30	18 25 20	25 41.7	55 5.3	15 2.1	22 44.2	2.22	18 57	2.0	1 38	2.1
	31	19 20 25	25 28.6	55 34.0	15 9.9	23 37.6	2.21	19 40	1.6	2 34	2.5
	Авг.	1	20 15 47	23 56.8	56 5.5	15 18.5	—	—	20 15	1.3	3 40
2		21 10 23	21 8.9	56 37.9	15 27.8	0 30.1	2.16	20 43	1.0	4 53	3.1
3		22 3 34	17 13.1	57 9.6	15 36.0	1 21.0	2.09	21 5	0.9	6 10	3.2
4		22 55 11	—12 22.1	57 39.3	15 44.1	2 10.2	2.02	21 24	0.8	7 27	3.2
5		23 45 32	6 50.8	58 6.1	15 51.3	2 58.0	1.98	21 42	0.7	8 46	3.3
6		0 35 19	— 0 55.8	58 29.5	15 57.7	3 45.4	1.98	22 0	0.7	10 4	3.3
7		1 25 28	+ 5 5.8	58 49.4	16 3.2	4 33.3	2.02	22 18	0.8	11 24	3.4
8		2 17 1	— 10 55.7	59 5.5	16 7.5	5 23.0	2.12	22 40	1.0	12 45	3.4
9		3 10 56	16 14.3	59 17.5	16 10.8	6 15.5	2.26	23 8	1.3	14 8	3.5
10		4 7 53	+20 40.7	59 24.6	16 12.7	7 11.5	2.41	23 44	1.8	15 31	3.3
11	5 7 57	23 53.9	59 25.9	16 13.1	8 10.8	2.53	—	—	16 48	3.0	
12	6 10 21	25 36.2	59 20.2	16 11.6	9 12.3	2.58	0 33	2.3	17 53	2.4	
13	7 13 25	25 37.7	59 6.7	16 7.9	10 13.6	2.52	1 35	2.8	18 44	1.9	
14	8 15 7	24 0.0	58 44.9	16 1.9	11 12.5	2.38	2 48	3.2	19 22	1.4	
15	9 13 50	20 55.8	58 15.6	15 53.9	12 7.5	2.20	4 7	3.3	19 51	1.1	
16	10 8 47	+16 44.9	57 40.1	15 44.3	12 58.2	2.03	5 26	3.2	20 14	0.9	
17	11 0 2	—11 49.0	57 0.8	15 33.6	13 45.2	1.89	6 43	3.1	20 32	0.7	
18	11 48 11	6 28.0	56 20.6	15 22.6	14 29.3	1.79	7 56	3.0	20 48	0.6	
19	12 34 8	+ 0 58.6	55 42.4	15 12.2	15 11.6	1.74	9 7	2.9	21 3	0.6	
20	13 18 53	— 4 25.6	55 8.8	15 3.1	15 53.3	1.74	10 16	2.9	21 18	0.7	
21	14 3 20	9 33.7	54 42.3	14 55.8	16 35.4	1.77	11 25	2.9	21 35	0.8	
22	14 48 25	—14 16.1	54 24.5	14 51.0	17 18.7	1.84	12 33	2.9	21 55	0.9	
23	15 34 51	18 23.5	54 16.5	14 48.8	18 4.0	1.94	13 42	2.8	22 19	1.1	
24	16 23 15	21 46.5	54 18.8	14 49.4	18 51.7	2.04	14 49	2.7	22 50	1.5	
25	17 13 54	24 15.1	54 31.3	14 52.8	19 41.9	2.13	15 52	2.5	23 29	1.9	
26	18 6 45	25 39.4	54 53.3	14 58.8	20 34.0	2.20	16 48	2.2	—	—	
27	19 1 15	25 50.8	55 23.4	15 7.0	21 27.2	2.22	17 36	1.8	0 20	2.4	
28	19 56 32	—24 44.0	55 59.7	15 16.9	22 20.3	2.20	18 14	1.4	1 22	2.8	
29	20 51 38	22 18.7	56 39.7	15 27.8	23 12.4	2.14	18 44	1.1	2 33	3.1	
30	21 45 46	18 40.0	57 20.5	15 38.9	—	—	19 9	0.9	3 50	3.2	
31	22 38 35	13 58.6	57 59.0	15 49.4	0 3.0	2.08	19 29	0.8	5 9	3.3	
Сент.	1	23 30 11	8 29.0	58 32.5	15 58.6	0 52.3	2.03	19 47	0.7	6 29	3.4
	2	0 21 7	2 28.5	58 58.9	16 5.7	1 40.8	2.02	20 5	0.7	7 50	3.4

День.	Средняя Гринвичская полночь. (0 ^h всемирного времени)				Верхняя кульминация в Гринвиче.	Изменение на час зап. долгот.	Для места $\varphi=50^{\circ} \lambda=0^{\circ}$					
	Видимое прямое восход.	Видимое склонение.	Паралл. ланс.	Полу-диаметр.			Восход.	Изменение на час зап. долгот.	Заход.	Изменение на час зап. долгот.		
1928												
Сент.	h m s	° ' "	° ' "	° ' "	h m	m	h m	m	h m	m	h m	m
2	0 21 7	- 2 28.5	58 58.9	16 5.7	1 40.8	2.02	20 5	0.7	7 50	3.4		
3	1 12 8	+ 3 43.5	59 16.9	16 10.7	2 29.6	2.05	20 23	0.8	9 11	3.4		
4	2 4 12	9 46.7	59 26.4	16 13.2	3 19.5	2.12	20 44	1.0	10 34	3.5		
5	2 58 10	15 19.9	59 28.0	16 13.7	4 11.8	2.23	21 10	1.2	11 58	3.5		
6	3 54 41	20 1.7	59 23.0	16 12.3	5 6.9	2.36	21 43	1.6	13 21	3.4		
7	4 53 54	23 31.9	59 12.5	16 9.4	6 5.0	2.47	22 27	2.1	14 39	3.0		
8	5 55 12	+25 34.0	58 57.6	16 5.4	7 5.1	2.53	23 24	2.6	15 47	2.6		
9	6 57 12	25 58.6	58 39.0	16 0.3	8 5.4	2.49	—	—	16 42	2.0		
10	7 58 9	24 45.8	58 17.0	15 54.3	9 4.0	2.38	0 32	3.0	17 23	1.5		
11	8 56 34	22 5.5	57 51.9	15 47.5	9 59.2	2.22	1 48	3.2	17 54	1.1		
12	9 51 36	18 14.4	57 23.9	15 39.9	10 50.5	2.06	3 7	3.2	18 17	0.9		
13	10 43 11	13 31.9	56 53.5	15 31.6	11 38.2	1.92	4 24	3.1	18 36	0.8		
14	11 31 48	+ 8 17.0	56 21.7	15 22.9	12 23.0	1.82	5 38	3.0	18 53	0.7		
15	12 18 13	+ 2 47.0	55 49.7	15 14.2	13 5.9	1.77	6 50	3.0	19 8	0.6		
16	13 3 18	- 2 43.6	55 19.4	15 6.0	13 47.9	1.74	8 0	2.9	19 23	0.6		
17	13 47 57	8 2.2	54 52.7	14 58.7	14 29.9	1.76	9 9	2.9	19 39	0.7		
18	14 32 57	12 57.8	54 31.3	14 52.8	15 12.8	1.82	10 19	2.9	19 57	0.8		
19	15 19 4	17 20.3	54 17.2	14 49.0	15 57.4	1.89	11 28	2.8	20 19	1.0		
20	16 6 50	-21 0.1	54 11.7	14 47.5	16 44.0	1.99	12 35	2.7	20 47	1.3		
21	16 56 37	23 47.6	54 15.8	14 48.6	17 32.9	2.08	13 40	2.6	21 22	1.7		
22	17 48 24	25 33.5	54 30.2	14 52.5	18 23.8	2.15	14 40	2.3	22 7	2.1		
23	18 41 50	26 9.7	54 54.8	14 59.2	19 15.9	2.19	15 30	1.9	23 4	2.6		
24	19 36 16	25 30.5	55 28.9	15 8.5	20 8.5	2.18	16 11	1.5	—	—		
25	20 30 50	23 33.8	56 11.0	15 20.0	21 0.5	2.15	16 44	1.2	0 11	2.9		
26	21 24 52	-20 21.8	56 58.7	15 33.0	21 51.5	2.10	17 10	1.0	1 25	3.2		
27	22 17 57	16 1.8	57 48.8	15 46.6	22 41.4	2.07	17 32	0.9	2 43	3.3		
28	23 10 6	10 45.0	58 37.2	15 59.8	23 30.8	2.05	17 51	0.8	4 4	3.4		
29	0 1 45	- 4 46.8	59 19.5	16 11.4	—	—	18 9	0.7	5 25	3.4		
30	0 53 36	+ 1 33.9	59 52.0	16 20.2	0 20.3	2.09	18 27	0.8	6 48	3.5		
Окт.	1 1 46 30	7 55.3	60 11.7	16 25.6	1 11.0	2.15	18 47	0.9	8 13	3.6		
2	2 41 20	+13 53.2	60 17.4	16 27.1	2 4.0	2.26	19 12	1.1	9 40	3.6		
3	3 38 43	19 2.8	60 9.9	16 25.1	2 59.7	2.39	19 42	1.5	11 6	3.5		
4	4 38 45	23 0.7	59 51.2	16 20.0	3 58.5	2.50	20 23	2.0	12 29	3.2		
5	5 40 48	25 28.3	59 24.5	16 12.7	4 59.3	2.55	21 16	2.5	13 42	2.8		
6	6 43 24	26 15.6	58 52.8	16 4.1	6 0.3	2.52	22 22	2.9	14 42	2.2		
7	7 44 47	25 23.0	58 18.8	15 54.8	6 59.5	2.40	23 36	3.1	15 26	1.6		
8	8 43 26	+23 0.8	57 44.4	15 45.4	7 55.2	2.24	—	—	15 59	1.2		
9	9 38 33	19 25.8	57 10.9	15 36.3	8 46.9	2.07	0 53	3.2	16 24	0.9		
10	10 30 6	14 56.5	56 39.0	15 27.6	9 34.8	1.93	2 10	3.1	16 43	0.7		
11	11 18 36	9 51.0	56 8.7	15 19.4	10 19.7	1.82	3 24	3.0	17 0	0.7		
12	12 4 51	+ 4 25.6	55 40.4	15 11.7	11 2.5	1.76	4 36	3.0	17 15	0.6		
13	12 49 44	- 1 5.6	55 14.4	15 4.6	11 44.3	1.73	5 46	2.9	17 29	0.6		

День.	Средняя Гринвичская полночь. (O^h всемирного времени)				Верхняя кулуминация в Гринвиче.	Изменение на час зап. долг.	Для места $\varphi=50^\circ \lambda=0^\circ$					
	Видимое прямое восходж.	Видимое склоне- ние.	Парал- лакс.	Полу- диаметр.			Восход.	Изменение на час зап. долг.	Заход.	Изменение на час зап. долг.		
1928												
Окт.	13	12 49 44	- 1 5.6	55 14.4	15 4.6	11 44.3	1.73	5 46	2.9	17 29	0.6	
	14	13 34 8	6 29.7	54 51.0	14 58.2	12 26.0	1.75	6 56	2.9	17 44	0.7	
	15	14 18 51	11 35.3	54 31.1	14 52.8	13 8.5	1.80	8 5	2.9	18 1	0.8	
	16	15 4 34	16 11.3	54 15.7	14 48.6	13 52.4	1.87	9 14	2.9	18 21	0.9	
	17	15 51 52	20 7.3	54 6.1	14 46.0	14 38.2	1.95	10 23	2.8	18 46	1.2	
	18	16 41 1	23 13.1	54 3.5	14 45.3	15 26.1	2.04	11 30	2.7	19 18	1.5	
	19	17 32 3	-25 19.4	54 9.1	14 46.8	16 16.0	2.11	12 31	2.4	19 59	1.9	
	20	18 24 36	26 18.3	54 23.8	14 50.8	17 7.0	2.14	13 25	2.0	20 50	2.4	
	21	19 18 3	26 4.3	54 48.3	14 57.5	17 58.5	2.14	14 9	1.6	21 52	2.7	
	22	20 11 40	24 35.4	55 22.7	15 6.8	18 49.6	2.11	14 44	1.3	23 2	3.0	
	23	21 4 46	21 53.1	56 6.3	15 18.7	19 39.8	2.07	15 12	1.0	—	—	
	24	21 57 1	18 2.3	56 57.4	15 32.6	20 28.9	2.03	15 34	0.9	0 17	3.2	
	25	22 48 26	-13 11.4	57 53.3	15 47.9	21 17.6	2.03	15 54	0.8	1 35	3.3	
	26	23 39 25	7 31.7	58 50.0	16 3.3	22 6.5	2.06	16 12	0.7	2 55	3.4	
	27	0 30 43	- 1 18.1	59 42.5	16 17.6	22 56.7	2.13	16 30	0.8	4 17	3.5	
	28	1 23 15	+ 5 10.4	60 25.5	16 29.3	23 49.2	2.25	16 48	0.9	5 42	3.6	
	29	2 17 57	11 29.4	60 53.9	16 37.1	—	—	17 11	1.1	7 9	3.7	
	30	3 15 39	17 12.5	61 4.7	16 40.0	0 45.1	2.41	17 39	1.4	8 39	3.7	
	Нояб.	31	4 16 39	+21 50.8	60 57.1	16 38.0	1 44.7	2.55	18 16	1.8	10 8	3.5
		1	5 20 22	24 59.0	60 33.0	16 31.4	2 47.2	2.64	19 6	2.4	11 29	3.1
		2	6 25 11	26 21.4	59 56.2	16 21.4	3 50.6	2.63	20 10	2.9	12 36	2.5
		3	7 28 57	25 55.4	59 11.6	16 9.2	4 52.8	2.52	21 24	3.2	13 27	1.8
		4	8 29 42	23 51.7	58 23.7	15 56.1	5 51.0	2.33	22 42	3.2	14 3	1.3
		5	9 26 21	20 29.1	57 36.3	15 43.2	6 44.4	2.13	23 59	3.2	14 30	1.0
		6	10 18 51	+16 8.8	56 51.9	15 31.1	7 33.5	1.96	—	—	14 51	0.8
		7	11 7 46	11 10.1	56 12.3	15 20.4	8 18.9	1.83	1 14	3.1	15 8	0.7
		8	11 54 2	5 49.6	55 37.9	15 11.0	9 1.7	1.75	2 26	3.0	15 23	0.6
		9	12 38 39	+ 0 20.7	55 9.0	15 3.1	9 43.2	1.72	3 36	2.9	15 37	0.6
		10	13 22 36	- 5 4.4	54 45.2	14 56.6	10 24.3	1.72	4 45	2.9	15 52	0.6
		11	14 6 46	10 14.9	54 26.2	14 51.5	11 6.1	1.77	5 54	2.9	16 8	0.7
12		14 51 55	-15 0.0	54 11.9	14 47.5	11 49.2	1.83	7 3	2.9	16 26	0.9	
13		15 38 39	19 8.9	54 2.3	14 44.9	12 34.4	1.93	8 12	2.9	16 49	1.1	
14		16 27 18	22 30.6	53 57.6	14 43.7	13 21.6	2.01	9 20	2.7	17 18	1.4	
15		17 17 53	24 55.1	53 58.6	14 43.9	14 10.9	2.08	10 23	2.5	17 56	1.8	
16		18 10 2	26 13.6	54 6.0	14 45.9	15 1.4	2.12	11 20	2.2	18 43	2.2	
17		19 3 5	26 20.6	54 20.6	14 49.9	15 52.4	2.12	12 7	1.7	19 41	2.6	
18	19 56 9	-25 14.0	54 43.4	14 56.1	16 42.8	2.08	12 45	1.4	20 47	2.8		
19	20 48 33	22 55.7	55 14.9	15 4.7	17 32.1	2.02	13 14	1.1	21 58	3.0		
20	21 39 49	19 30.9	55 55.1	15 15.7	18 20.2	1.98	13 38	0.9	23 13	3.1		
21	22 29 59	15 7.1	56 43.4	15 28.8	19 7.3	1.95	13 58	0.8	—	—		
22	23 19 27	9 53.9	57 38.2	15 43.7	19 54.2	1.97	14 16	0.7	0 29	3.2		
23	0 8 57	4 2.5	58 36.4	15 59.6	20 42.1	2.03	14 32	0.7	1 47	3.3		

День.	Средняя Гринвичская полночь. (O^h всемирного времени)				Верхняя кульминация в Гринвиче.	Изменение на час зап. долг.	Для места $\varphi = 50^\circ \lambda = 0^\circ$			
	Видимое прямое восход.	Видимое склонение.	Парал. ланс.	Полу-диаметр.			Восход.	Изменение на час зап. долг.	Заход.	Изменение на час зап. долг.
1928	h m s	° ' "	° ' "	' "	h m	m	h m	m	h m	m
Нояб. 23	0 8 57	- 4 2.5	58 36.4	15 59.6	20 42.1	2.03	14 32	0.7	1 47	3.3
24	0 59 27	+ 2 12.9	59 33.8	16 15.3	21 32.1	2.15	14 50	0.8	3 8	3.5
25	1 52 4	8 33.5	60 24.9	16 29.2	22 25.6	2.32	15 10	0.9	4 33	3.6
26	2 47 54	14 35.7	61 3.8	16 39.8	23 23.7	2.51	15 35	1.2	6 2	3.7
27	3 47 43	19 50.7	61 25.4	16 45.7	—	—	16 7	1.7	7 32	3.7
28	4 51 30	23 47.8	61 26.7	16 46.0	0 26.0	2.68	16 51	2.2	9 1	3.5
29	5 57 58	+26 1.6	61 7.6	16 40.8	1 31.4	2.75	17 50	2.7	10 18	2.9
30	7 4 45	26 19.4	60 31.0	16 30.8	2 37.0	2.69	19 3	3.2	11 19	2.2
Дек. 1	8 9 9	24 46.1	59 42.1	16 17.5	3 39.6	2.51	20 24	3.4	12 2	1.6
2	9 9 17	21 40.6	58 46.5	16 2.4	4 37.2	2.28	21 44	3.3	12 34	1.1
3	10 4 35	17 27.7	57 49.7	15 46.9	5 29.4	2.07	23 2	3.2	12 57	0.9
4	10 55 28	12 31.0	56 55.8	15 32.2	6 16.9	1.90	—	—	13 15	0.7
5	11 42 54	+ 7 10.2	56 7.7	15 19.1	7 0.9	1.78	0 16	3.0	13 31	0.6
6	12 28 4	+ 1 40.3	55 27.1	15 8.0	7 42.9	1.72	1 26	2.9	13 46	0.6
7	13 12 3	- 3 46.7	54 54.5	14 59.1	8 23.8	1.71	2 36	2.9	14 0	0.6
8	13 55 53	9 0.5	54 29.7	14 52.4	9 5.1	1.74	3 44	2.9	14 15	0.7
9	14 40 29	13 51.3	54 12.4	14 47.7	9 47.5	1.80	4 53	2.9	14 32	0.8
10	15 26 34	18 9.1	54 1.7	14 44.8	10 31.8	1.89	6 2	2.9	14 54	1.0
11	16 14 37	-21 43.3	53 56.9	14 43.5	11 18.2	1.99	7 10	2.8	15 20	1.3
12	17 4 46	24 28.1	53 57.5	14 43.6	12 7.0	2.07	8 16	2.6	15 55	1.6
13	17 56 43	25 59.0	54 3.1	14 45.1	12 57.4	2.12	9 15	2.3	16 39	2.1
14	18 49 48	26 23.9	54 13.7	14 48.0	13 48.5	2.13	10 5	1.9	17 34	2.5
15	19 43 4	25 34.9	54 29.5	14 52.4	14 39.2	2.09	10 46	1.5	18 38	2.8
16	20 35 35	23 33.7	54 51.1	14 58.2	15 28.7	2.03	11 18	1.2	19 47	3.0
17	21 26 45	-20 26.0	55 18.9	15 5.8	16 16.4	1.95	11 43	0.9	21 0	3.1
18	22 16 24	16 20.3	55 53.3	15 15.2	17 2.7	1.91	12 3	0.8	22 14	3.1
19	23 4 51	- 11 26.6	56 34.3	15 26.3	17 48.1	1.89	12 21	0.7	23 29	3.1
20	23 52 44	- 5 55.7	57 21.3	15 39.1	18 33.6	1.92	12 37	0.7	—	—
21	0 41 1	+ 0 0.3	58 12.5	15 53.1	19 20.5	2.00	12 53	0.7	0 45	3.2
22	1 30 49	6 7.2	59 5.3	16 7.5	20 10.2	2.15	13 11	0.8	2 4	3.4
23	2 23 20	+12 6.8	59 55.4	16 21.2	21 4.0	2.34	13 32	1.0	3 28	3.6
24	3 19 43	17 36.2	60 37.9	16 32.7	22 2.7	2.56	14 0	1.3	4 55	3.7
25	4 20 36	22 7.2	61 7.2	16 40.7	23 6.3	2.73	14 36	1.8	6 24	3.6
26	5 25 38	25 10.6	61 19.1	16 43.9	—	—	15 28	2.5	7 48	3.2
27	6 33 5	26 23.5	61 11.2	16 41.8	0 12.7	2.79	16 35	3.0	8 59	2.6
28	7 40 8	25 38.1	60 44.1	16 34.4	1 18.6	2.68	17 54	3.4	9 53	1.9
29	8 44 3	+23 5.0	60 1.3	16 22.7	2 20.8	2.48	19 18	3.5	10 31	1.4
30	9 43 16	19 7.9	59 7.9	16 8.2	3 17.7	2.25	20 41	3.4	10 58	1.0
31	10 37 32	14 14.5	58 9.6	15 52.3	4 9.1	2.04	21 59	3.1	11 20	0.8
32	11 27 35	8 49.4	57 11.8	15 36.6	—	—	—	—	—	—

День.	0 ^h всемирн. врем.		Верхняя кульминация в Гринв.	День.	0 ^h всемирн. врем.		Верхняя кульминация в Гринв.		
	Видимое прямое восход.	Видимое склонен.			Видимое прямое восход.	Видимое склонен.			
Янв.	0	18 13 19.05	-24 41 59.3	11 41.1	Апр.	3	23 18 50.02	- 6 58 29.8	10 35.1
	2	18 27 15.63	24 45 16.4	11 47.2		5	23 29 31.36	5 56 5.6	10 38.0
	4	18 41 17.84	24 42 58.5	11 53.4		7	23 40 31.96	4 48 48.9	10 41.2
	6	18 55 24.85	24 34 56.7	11 59.6		9	23 51 51.46	3 36 51.2	10 44.7
	8	19 9 35.75	24 21 3.1	12 6.0		11	0 3 29.87	2 20 23.4	10 48.6
	10	19 23 49.60	24 1 10.4	12 12.3		13	0 15 27.65	- 0 59 37.8	10 52.7
	12	19 38 5.33	-23 35 12.2	12 18.7		15	0 27 45.57	+ 0 25 13.2	10 57.2
	14	19 52 21.73	23 3 2.9	12 25.1		17	0 40 24.79	1 53 55.0	11 2.1
	16	20 6 37.45	22 24 38.9	12 31.5		19	0 53 26.70	3 26 10.5	11 7.3
	18	20 20 50.87	21 39 58.2	12 37.9		21	1 6 52.92	5 1 39.0	11 13.0
	20	20 35 0.08	20 49 1.9	12 44.1		23	1 20 45.22	6 39 55.1	11 19.1
	22	20 49 2.70	19 51 54.5	12 50.2		25	1 35 5.29	8 20 26.1	11 25.7
24	21 2 55.70	-18 48 46.2	12 56.2	27	1 49 54.64	+10 2 30.8	11 32.7		
26	21 16 35.21	17 39 54.9	13 1.9	29	2 5 14.18	11 45 17.0	11 40.3		
28	21 29 56.12	16 25 48.5	13 7.3	Май	1	2 21 3.87	13 27 39.8	11 48.4	
30	21 42 51.79	15 7 9.3	13 12.2		3	2 37 22.28	15 8 20.9	11 57.0	
Февр.	1	21 55 13.55	13 44 58.3		13 16.5	5	2 54 6.13	16 45 50.1	12 5.9
	3	22 6 50.26	12 20 39.8		13 20.0	7	3 11 10.08	18 18 29.7	12 15.2
	5	22 17 28.09	-10 56 6.7		13 22.4	9	3 28 26.69	+19 44 41.6	12 24.7
	7	22 26 50.38	9 33 42.2		13 23.5	11	3 45 46.89	21 2 56.3	12 34.1
	9	22 34 38.36	8 16 20.1		13 22.9	13	4 3 0.66	22 12 2.3	12 43.4
	11	22 40 32.30	7 7 17.4		13 20.3	15	4 19 57.91	23 11 11.0	12 52.5
	13	22 44 13.96	6 10 1.0		13 15.5	17	4 36 29.23	24 0 0.2	13 1.0
	15	22 45 29.65	5 27 46.9		13 8.2	19	4 52 26.31	24 38 30.4	13 8.9
	17	22 44 13.98	- 5 3 13.7		12 58.4	21	5 7 42.21	+25 7 1.4	13 16.1
	19	22 40 33.42	4 57 51.0		12 46.3	23	5 22 11.17	25 26 6.8	13 22.4
	21	22 34 48.67	5 11 30.9	12 32.3	25	5 35 48.53	25 36 29.1	13 27.9	
	23	22 27 34.29	5 42 11.5	12 16.9	27	5 48 30.35	25 38 55.3	13 32.5	
25	22 19 34.79	6 26 5.8	12 1.1	29	6 0 13.29	25 34 15.3	13 36.0		
27	22 11 37.65	7 18 18.7	11 45.5	31	6 10 54.32	25 23 19.1	13 38.5		
Март	29	22 4 25.78	- 8 13 41.2	11 30.8	Июнь	2	6 20 30.58	+25 6 56.1	13 39.9
	2	21 58 31.40	9 7 42.1	11 17.4		4	6 28 59.24	24 45 54.7	13 40.2
	4	21 54 14.51	9 56 56.6	11 5.7		6	6 36 17.55	24 21 1.8	13 39.3
	6	21 51 43.33	10 39 11.8	10 55.7		8	6 42 22.76	23 53 3.6	13 37.1
	8	21 50 57.34	11 13 14.8	10 47.5		10	6 47 12.33	23 22 44.4	13 33.7
	10	21 51 50.38	11 38 36.6	10 40.8		12	6 50 44.10	22 50 48.2	13 29.0
	12	21 54 13.32	-11 55 15.6	10 35.6		14	6 52 56.56	+22 17 58.4	13 22.9
	14	21 57 56.00	12 3 25.3	10 31.7		16	6 53 49.37	21 44 57.5	13 15.6
	16	22 2 48.23	12 3 27.3	10 29.0		18	6 53 23.86	21 12 28.6	13 7.0
	18	22 8 40.69	11 55 45.2	10 27.1		20	6 51 43.63	20 41 14.4	12 57.1
	20	22 15 25.02	11 40 43.3	10 26.2		22	6 48 55.29	20 11 58.2	12 46.2
	22	22 22 54.01	11 18 44.4	10 25.9		24	6 45 8.83	19 45 23.0	12 34.4
24	22 31 1.52	-10 50 9.6	10 26.3	26	6 40 37.89	+19 22 10.7	12 21.9		
26	22 39 42.50	10 15 18.2	10 27.2	28	6 35 39.30	19 3 0.8	12 9.0		
28	22 48 52.79	9 34 27.6	10 28.6	30	6 30 32.25	18 48 28.6	11 56.1		
30	22 58 29.08	8 47 53.4	10 30.4	Июль	2	6 25 36.95	18 39 1.3	11 43.4	
Апр.	1	23 8 28.81	7 55 49.7		10 32.6	4	6 21 13.14	18 34 55.9	11 31.4
	3	23 18 50.02	6 58 29.8		10 35.1	6	6 17 38.66	18 36 16.6	11 20.2

День.	0 ^h всемирн. врем.		Верхняя кульминация в Гринв.	День.	0 ^h всемирн. врем.		Верхняя кульминация в Гринв.
	Видимое прямое восход.	Видимое склонен.			Видимое прямое восход.	Видимое склонен.	
Июль	6	6 17 38.66	+18 36 16.6	11	20.2		
	8	6 15 8.51	18 42 53.9	11	10.1		
	10	6 13 54.38	18 54 24.0	11	1.3		
	12	6 14 4.62	19 10 10.1	10	54.0		
	14	6 15 44.73	19 29 23.9	10	48.1		
	16	6 18 57.82	19 51 7.3	10	43.8		
	18	6 23 45.25	+20 14 13.5	10	41.1		
	20	6 30 7.06	20 37 28.6	10	39.9		
	22	6 38 2.27	20 59 31.8	10	40.3		
	24	6 47 28.87	21 18 56.0	10	42.2		
26	6 58 23.60	21 34 9.9	10	45.5			
28	7 10 41.67	21 43 39.5	10	50.2			
30	7 24 16.15	+21 45 53.5	10	56.2			
Авг.	1	7 38 57.75	21 39 28.8	11	3.3		
	3	7 54 34.60	21 23 19.5	11	11.2		
	5	8 10 52.72	20 56 44.1	11	19.8		
	7	8 27 37.00	20 19 30.9	11	28.7		
	9	8 44 32.41	19 31 59.9	11	37.8		
	11	9 1 25.37	+18 34 57.5	11	46.8		
	13	9 18 4.76	17 29 29.3	11	55.5		
	15	9 34 22.29	16 16 51.3	12	3.8		
	17	9 50 12.54	14 58 20.8	12	11.7		
	19	10 5 32.44	13 35 12.1	12	19.0		
21	10 20 20.83	12 8 32.0	12	25.8			
23	10 34 37.91	+10 39 18.7	12	32.1			
25	10 48 24.76	9 8 22.1	12	37.8			
27	11 1 42.98	7 36 24.2	12	43.2			
29	11 14 34.42	6 4 0.3	12	48.0			
31	11 27 1.06	4 31 39.8	12	52.5			
Сент.	2	11 39 4.82	2 59 48.2	12	56.6		
	4	11 50 47.49	+1 28 46.7	13	0.3		
	6	12 2 10.68	-0 1 6.2	13	3.7		
	8	12 13 15.81	1 29 33.7	13	6.9		
	10	12 24 4.02	2 56 20.5	13	9.7		
	12	12 34 36.16	4 21 12.2	13	12.3		
	14	12 44 52.79	5 43 54.4	13	14.6		
	16	12 54 54.08	-7 4 13.1	13	16.7		
	18	13 4 39.82	8 21 52.8	13	18.5		
	20	13 14 9.37	9 36 38.0	13	20.0		
22	13 23 21.53	10 48 10.7	13	21.2			
24	13 32 14.49	11 56 11.2	13	22.1			
26	13 40 45.64	13 0 16.4	13	22.7			
28	13 48 51.50	-13 59 59.7	13	22.8			
30	13 56 27.47	14 54 48.9	13	22.3			
2	14 3 27.65	15 44 5.6	13	21.2			
Окт.	2	14 3 27.65	-15 44 5.6	13	21.2		
	4	14 9 44.54	16 27 2.5	13	19.4		
	6	14 15 8.86	17 2 41.7	13	16.7		
	8	14 19 29.31	17 29 51.1	13	12.8		
	10	14 22 32.68	17 47 2.5	13	7.6		
	12	14 24 4.27	17 52 29.7	13	0.8		
	14	14 23 49.22	-17 44 11.7	12	52.1		
	16	14 21 35.02	17 20 3.0	12	41.5		
	18	14 17 15.83	16 38 20.4	12	28.8		
	20	14 10 58.21	15 38 31.3	12	14.3		
22	14 3 6.60	14 22 18.6	11	58.3			
24	13 54 25.62	12 54 37.1	11	41.8			
26	13 45 55.18	-11 23 33.1	11	25.7			
28	13 38 38.26	9 58 52.9	11	11.0			
30	13 33 26.43	8 49 32.9	10	58.6			
Новб.	1	13 30 49.93	8 1 29.6	10	48.7		
	3	13 30 56.22	7 36 55.8	10	41.6		
	5	13 33 85.12	7 34 55.3	10	36.9		
	7	13 38 26.29	-7 52 34.1	10	34.3		
	9	13 45 5.95	8 26 8.7	10	33.4		
	11	13 53 11.35	9 11 53.4	10	33.8		
	13	14 2 22.81	10 6 24.6	10	35.4		
	15	14 12 24.56	11 6 51.6	10	37.7		
	17	14 23 4.48	12 10 57.0	10	40.6		
	19	14 34 13.57	-13 16 52.4	10	43.9		
21	14 45 45.33	14 23 13.8	10	47.6			
23	14 57 35.10	15 28 56.3	10	51.6			
25	15 9 39.68	16 33 9.5	10	55.9			
27	15 21 56.87	17 35 13.9	11	0.4			
29	15 34 25.17	18 34 38.4	11	5.0			
Дек.	1	15 47 3.64	-19 30 57.3	11	9.8		
	3	15 59 51.62	20 23 49.6	11	14.8		
	5	16 12 48.70	21 12 57.3	11	19.9		
	7	16 25 54.55	21 58 4.3	11	25.1		
	9	16 39 8.92	22 38 56.4	11	30.5		
	11	16 52 31.56	23 15 20.4	11	36.0		
	13	17 6 2.22	-23 47 3.9	11	41.7		
	15	17 19 40.51	24 13 55.2	11	47.5		
	17	17 33 26.07	24 35 42.9	11	53.4		
	19	17 47 18.32	24 52 16.2	11	59.4		
21	18 1 16.64	25 3 24.6	12	5.6			
23	18 15 20.23	25 8 58.2	12	11.8			
25	18 29 28.17	-25 8 47.2	12	18.0			
27	18 43 39.31	25 2 42.8	12	24.4			
29	18 57 52.35	24 50 37.1	12	30.7			
31	19 12 5.69	24 32 23.0	12	37.1			

День.	0 ^h всемирн. времени		Верхняя кульминация в Гринв.	0 ^h всемирн. времени		Верхняя кульминация в Гринв.	
	Видимое восход.	Видимое склонен.		Видимое восход.	Видимое склонен.		
Янв.	0	15 34 17.12	-16 39 54.0	h m	h m s s	° ' "	h m
	4	15 53 23.85	17 47 45.2	9 0.9	16 59 29.04	-22 59 7.4	10 25.4
	8	16 12 51.36	18 49 21.8	9 4.3	17 11 59.82	23 17 55.0	10 22.2
	12	16 32 38.86	19 43 56.3	9 8.0	17 24 36.58	23 38 4.6	10 19.0
	16	16 52 44.88	20 30 43.1	9 12.0	17 37 18.76	23 44 30.7	10 16.0
	20	17 13 7.38	21 9 1.0	9 16.4	17 50 5.70	23 52 8.0	10 13.0
	24	17 33 43.73	-21 38 13.8	9 21.0	18 2 56.60	23 55 52.3	10 10.1
	28	17 54 30.91	-21 57 51.9	9 25.9	18 15 50.54	-23 55 40.2	10 7.3
Февр.	1	18 15 25.70	22 7 33.4	9 30.9	18 28 46.55	23 51 29.6	10 4.4
	5	18 36 24.84	22 7 4.0	9 36.1	18 41 43.72	23 43 19.6	10 1.5
	9	18 57 25.08	21 56 16.2	9 41.3	18 54 41.28	23 31 10.2	9 58.7
	13	19 18 23.05	21 35 10.5	9 46.5	19 7 38.51	23 15 2.7	9 55.9
	17	19 39 15.45	-21 3 55.0	9 51.8	19 20 34.67	22 54 59.2	9 53.1
	21	19 59 59.21	20 22 44.6	9 56.8	19 33 28.99	-22 31 2.8	9 50.2
	25	20 20 31.60	19 32 2.1	10 1.8	19 46 20.66	22 3 18.1	9 47.3
	29	20 40 50.51	18 32 15.9	10 6.5	19 59 8.89	21 31 50.2	9 44.3
Март	4	21 0 54.56	17 23 58.9	10 11.1	20 11 53.00	20 56 46.1	9 41.3
	8	21 20 43.02	16 7 47.3	10 15.3	20 24 32.52	20 18 12.9	9 38.2
	12	21 40 15.71	-14 44 20.2	10 19.3	20 37 7.15	19 36 18.2	9 35.0
	16	21 59 32.84	13 14 18.6	10 23.1	20 49 36.62	-18 51 10.7	9 31.7
	20	22 18 35.03	11 38 25.8	10 26.6	21 2 0.68	18 2 59.2	9 28.3
	24	22 37 23.22	9 57 26.5	10 29.8	21 14 19.06	17 11 53.6	9 24.8
	28	22 55 58.72	8 12 6.2	10 32.8	21 26 31.49	16 18 4.9	9 21.3
	1	23 14 23.31	6 23 10.2	10 35.6	21 38 37.83	15 21 44.3	9 17.6
Апр.	5	23 32 39.10	-4 31 22.6	10 38.3	21 50 38.13	14 23 3.3	9 13.9
	9	23 50 48.42	2 37 27.0	10 40.7	22 2 32.58	-13 22 12.7	9 10.0
	13	0 8 53.67	-0 42 7.0	10 43.1	22 14 21.45	12 19 23.6	9 6.0
	17	0 26 57.28	+ 1 13 53.3	10 45.4	22 26 4.96	11 14 47.3	9 2.0
	21	0 45 1.69	3 9 49.2	10 47.7	22 37 43.29	10 8 35.9	8 57.8
	25	1 3 9.21	5 4 55.1	10 50.0	22 49 16.61	9 1 1.9	8 53.6
	29	1 21 22.25	+ 6 58 25.8	10 52.4	23 0 45.08	7 52 18.2	8 49.3
	3	1 39 43.25	8 49 36.6	10 54.9	23 12 9.02	- 6 42 37.4	8 44.9
Май	7	1 58 14.59	10 37 42.9	10 57.4	23 23 28.90	5 32 10.5	8 40.5
	11	2 16 58.41	12 21 59.6	11 0.2	23 34 45.18	4 21 9.0	8 36.0
	15	2 35 56.68	14 1 41.0	11 3.2	23 45 58.30	3 9 43.9	8 31.4
	19	2 55 10.86	15 36 0.3	11 6.4	23 57 8.59	1 58 6.9	8 26.8
	23	3 14 42.01	+ 17 4 10.4	11 9.9	0 8 16.33	- 0 46 30.6	8 22.2
	27	3 34 30.71	18 25 24.3	11 13.7	0 19 21.69	+ 0 24 52.8	8 17.5
	31	3 54 37.16	19 38 57.7	11 17.8	0 30 24.96	1 35 51.4	8 12.8
	4	4 15 1.10	20 44 8.1	11 22.2	0 41 26.55	2 46 14.6	8 8.1
Июнь	8	4 35 41.68	21 40 15.5	11 26.9	0 52 26.90	3 55 52.7	8 3.3
	12	4 56 37.39	22 26 43.5	11 31.8	1 3 26.32	5 4 35.7	7 58.5
	16	5 17 46.11	+ 23 3 0.0	11 37.0	1 14 25.06	6 12 13.5	7 53.7
	20	5 39 5.01	23 28 38.0	11 42.4	1 25 23.19	+ 7 18 35.6	7 48.9
	24	6 0 30.71	23 43 16.8	11 48.0	1 36 20.68	8 23 30.9	7 44.1
	28	6 21 59.66	23 46 43.9	11 53.6	1 47 17.52	9 26 49.6	7 39.3
	2	6 43 28.12	23 38 54.8	11 59.3	1 58 13.82	10 28 23.2	7 34.5
	6	7 4 52.56	23 19 52.2	12 5.0	2 9 9.68	11 28 4.2	7 29.6
Июль	6			12 10.7	2 20 5.10	12 25 45.8	7 24.8

День.	0 ^h всемирн. врем.		Верхняя кульминация в Гринв.	0 ^h всемирн. врем.		Верхняя кульминация в Гринв.
	Видимое прямое восход.	Видимое склонен.		Видимое прямое восход.	Видимое склонен.	
Июль 6	7 4 52.56	+23 19 52.2	12 10.7	2 20 5.10	+12 25 45.8	7 24.8
10	7 26 9.56	22 49 46.8	12 16.2	2 31 0.00	13 21 20.8	7 19.9
14	7 47 16.02	22 8 56.2	12 21.5	2 41 54.03	14 14 41.9	7 15.1
18	8 8 9.15	21 17 44.5	12 26.6	2 52 46.70	15 5 41.9	7 10.2
22	8 28 46.58	20 16 42.5	12 31.4	3 3 37.45	15 54 14.2	7 5.3
26	8 49 6.65	19 6 25.9	12 35.9	3 14 25.89	16 40 15.0	7 0.3
Авг. 30	9 9 8.36	+17 47 34.6	12 40.1	3 25 11.58	+17 23 41.3	6 55.3
3	9 28 51.45	16 20 50.6	12 44.1	3 35 54.06	18 4 30.8	6 50.2
7	9 48 16.28	14 46 58.0	12 47.7	3 46 32.66	18 42 41.8	6 45.1
11	10 7 23.74	13 6 41.5	12 51.0	3 57 6.50	19 18 12.9	6 39.9
15	10 26 15.08	11 20 47.3	12 54.0	4 7 34.45	19 51 3.0	6 34.6
19	10 44 51.77	9 30 2.3	12 56.9	4 17 55.32	20 21 12.2	6 29.2
23	11 3 15.67	+ 7 35 14.1	12 59.4	4 28 8.05	+20 48 43.3	6 23.6
27	11 21 28.89	5 37 10.1	13 1.9	4 38 11.62	21 13 40.2	6 17.9
31	11 39 33.84	3 36 36.5	13 4.2	4 48 4.94	21 36 7.8	6 12.0
Сент. 4	11 57 33.16	+ 1 34 19.4	13 6.4	4 57 46.81	21 56 12.2	6 5.9
8	12 15 29.68	- 0 28 56.5	13 8.6	5 7 15.71	22 13 59.8	5 59.6
12	12 33 26.16	2 32 25.7	13 10.7	5 16 29.83	22 29 37.8	5 53.1
16	12 51 25.30	- 4 35 21.4	13 13.0	5 25 27.23	+22 43 15.0	5 46.3
20	13 9 29.69	6 36 56.4	13 15.3	5 34 6.12	22 55 2.4	5 39.1
24	13 27 41.88	8 36 22.6	13 17.7	5 42 24.75	23 5 12.1	5 31.6
28	13 46 4.35	10 32 51.6	13 20.4	5 50 21.34	23 13 57.6	5 23.8
Окт. 2	14 4 39.47	12 25 35.3	13 23.2	5 57 53.90	23 21 32.8	5 15.6
6	14 23 29.52	14 13 45.4	13 26.3	6 5 0.02	23 28 12.1	5 6.9
10	14 42 36.42	-15 56 33.2	13 29.7	6 11 36.85	+23 34 11.0	4 57.7
14	15 2 1.60	17 33 8.5	13 33.4	6 17 41.35	23 39 45.9	4 48.0
18	15 21 45.89	19 2 40.9	13 37.4	6 23 10.54	23 45 14.1	4 37.7
22	15 41 49.52	20 24 20.5	13 41.8	6 28 1.51	23 50 53.4	4 26.8
26	16 2 12.09	21 37 19.5	13 46.4	6 32 11.27	23 57 0.8	4 15.2
30	16 22 52.57	22 40 53.0	13 51.4	6 35 36.66	24 3 51.8	4 2.8
3	16 43 49.39	-23 31 20.3	13 56.6	6 38 14.09	+24 11 40.3	3 49.7
7	17 5 0.27	24 17 5.7	14 2.0	6 39 59.57	24 20 38.3	3 35.7
11	17 26 22.17	24 48 39.0	14 7.7	6 40 49.37	24 30 53.6	3 20.7
15	17 47 51.28	25 8 36.6	14 13.4	6 40 40.54	24 42 29.2	3 4.8
19	18 9 23.26	25 16 43.1	14 19.2	6 39 31.06	24 55 21.4	2 47.9
23	18 30 53.45	25 12 52.2	14 24.9	6 37 20.25	25 9 19.1	2 30.0
27	18 52 17.16	-24 57 6.9	14 30.5	6 34 8.84	+25 24 3.1	2 11.1
31	19 13 30.03	24 29 39.6	14 35.9	6 29 58.95	25 39 5.8	1 51.2
5	19 34 28.21	23 50 50.7	14 41.1	6 24 54.70	25 53 53.2	1 30.4
9	19 55 8.26	23 1 7.6	14 45.9	6 19 3.06	26 7 47.5	1 8.8
13	20 15 27.13	22 1 4.9	14 50.4	6 12 34.21	26 20 11.3	0 46.7
17	20 35 22.35	20 51 22.5	14 54.5	6 5 40.99	26 30 32.1	0 24.1
21	20 54 52.00	-19 32 45.2	14 58.1	5 58 37.95	+26 38 27.8	(23 31.4)
25	21 13 54.76	18 6 1.8	15 1.3	5 51 39.95	26 43 48.6	23 33.1
29	21 32 30.07	16 32 2.9	15 4.1	5 45 0.76	26 46 38.5	23 10.9

Область Центр Киб-на
 № 53529
 Дек.

День.	O ^h всемирн. врем.		Верхняя кульминация в Гринв.	O ^h всемирн. врем.		Верхняя кульминация в Гринв.	
	Видимое прямое восход.	Видимое склонение		Видимое прямое восход.	Видимое склонение		
	h m s	o ' "	h m	h m s	o ' "	h m	
Янв.	0	23 48 49.22	- 2 36 22.2	17 12.6	16 48 44.62	-20 53 43.3	10 13.5
	4	23 50 45.87	2 22 44.9	16 58.9	16 50 37.03	20 56 51.5	9 59.7
	8	23 52 51.13	2 8 13.7	16 45.2	16 52 27.02	20 59 48.9	9 45.8
	12	23 55 4.51	1 52 51.3	16 31.8	16 54 14.32	21 2 35.4	9 31.8
	16	23 57 25.61	1 36 40.9	16 18.4	16 55 58.62	21 5 10.7	9 17.8
	20	23 59 54.02	1 19 44.9	16 5.1	16 57 39.59	21 7 35.0	9 3.7
Февр.	24	0 2 29.34	- 1 2 6.6	15 52.0	16 59 16.89	21 9 48.1	8 49.7
	28	0 5 11.08	0 43 48.7	15 39.0	17 0 50.20	21 11 50.1	8 35.5
	1	0 7 58.79	0 24 54.6	15 26.0	17 2 19.20	21 13 41.1	8 21.2
	5	0 10 52.02	- 0 5 27.7	15 13.2	17 3 43.63	21 15 21.2	8 6.9
	9	0 13 50.36	+ 0 14 29.1	15 0.5	17 5 3.28	21 16 50.6	7 52.5
	13	0 16 53.48	0 34 53.4	14 47.8	17 6 17.76	21 18 9.7	7 38.0
	17	0 20 1.03	+ 0 55 42.4	14 35.2	17 7 26.91	-21 19 18.6	7 23.4
	21	0 23 12.66	1 16 53.6	14 22.6	17 8 40.44	21 20 17.4	7 8.7
	25	0 26 28.02	1 38 24.2	14 10.2	17 9 28.05	21 21 6.5	6 53.9
	29	0 29 46.69	2 0 11.1	13 57.7	17 10 19.57	21 21 46.1	6 39.0
Март	4	0 33 8.32	2 22 11.5	13 45.3	17 11 4.83	21 22 16.4	6 24.1
	8	0 36 32.59	2 44 22.9	13 33.0	17 11 43.66	21 22 38.1	6 8.9
	12	0 39 59.23	+ 3 6 43.0	13 20.7	17 12 15.95	-21 22 51.2	5 53.8
	16	0 43 27.98	3 29 9.7	13 8.4	17 12 41.55	21 22 56.1	5 38.5
Апр.	20	0 46 58.55	3 51 40.5	12 56.2	17 13 0.35	21 22 52.9	5 23.0
	24	0 50 30.63	4 14 13.1	12 44.0	17 13 12.26	21 22 41.9	5 7.5
	28	0 54 3.89	4 36 45.0	12 31.8	17 13 17.29	21 22 23.4	4 51.9
	1	0 57 38.03	4 59 13.5	12 19.6	17 13 15.45	21 21 57.8	4 36.1
	5	1 1 12.79	+ 5 21 36.5	12 7.5	17 13 6.84	-21 21 25.4	4 20.2
	9	1 4 47.90	5 43 52.2	11 55.3	17 12 51.55	21 20 46.2	4 4.2
	13	1 8 23.16	6 5 58.6	11 43.2	17 12 29.70	21 20 0.8	3 48.1
	17	1 11 58.30	6 27 54.0	11 31.0	17 12 1.43	21 19 9.1	3 31.9
Май	21	1 15 33.04	6 49 36.1	11 18.8	17 11 26.95	21 18 11.3	3 15.6
	25	1 19 7.05	7 11 2.8	11 6.7	17 10 46.56	21 17 8.0	2 59.3
	29	1 22 40.02	+ 7 32 11.7	10 54.5	17 10 0.60	-21 15 59.4	2 42.8
	3	1 26 11.68	7 53 1.3	10 42.2	17 9 9.45	21 14 46.0	2 26.1
	7	1 29 41.82	8 13 29.9	10 30.0	17 8 13.52	21 13 28.0	2 9.5
	11	1 33 10.16	8 33 35.9	10 17.7	17 7 13.22	21 12 5.8	1 52.8
	15	1 36 36.43	8 53 17.7	10 5.4	17 6 9.00	21 10 39.9	1 36.0
	19	1 40 0.31	9 12 33.8	9 53.1	17 5 1.37	21 9 10.7	1 19.1
	23	1 43 21.43	+ 9 31 21.7	9 40.7	17 3 50.89	-21 7 38.7	1 2.2
	27	1 46 39.46	9 49 39.8	9 28.2	17 2 38.17	21 6 4.9	0 45.3
Июнь	31	1 49 54.06	10 7 26.6	9 15.7	17 1 23.83	21 4 30.1	0 28.3
	4	1 53 4.95	10 24 40.7	9 3.2	17 0 8.45	21 2 54.7	0 11.4
	8	1 56 11.80	10 41 20.9	8 50.5	16 58 52.64	21 1 19.7	23 50.1
	12	1 59 14.29	10 57 25.6	8 37.8	16 57 36.96	20 59 45.8	23 33.2
	16	2 2 12.01	+11 12 53.6	8 25.0	16 56 22.03	-20 58 13.9	23 16.2
	20	2 5 4.50	11 27 42.7	8 12.1	16 55 8.48	20 56 45.0	22 59.2
Июль	24	2 7 51.34	11 41 51.2	7 59.1	16 53 56.92	20 55 20.2	22 42.3
	28	2 10 32.16	11 55 18.1	7 46.1	16 52 47.94	20 54 0.6	22 25.5
	2	2 13 6.53	12 8 2.1	7 32.9	16 51 42.06	20 52 46.8	22 8.7

День	O ^h всемирн. времени		Верхняя кульми- нация в Гринв.	O ^h всемирн. времени		Верхняя кульми- нация в Гринв.	
	Видимое прямое восход.	Видимое склонение		Видимое прямое восход.	Видимое склонение		
Июль	2	h m s 2 13 6.53	+12 8 2.1	h m 7 32.9	h m s 16 51 42.06	° ' '' -20 52 46.8	h m 22 8.7
	6	2 15 34.10	12 20 2.0	7 19.6	16 50 39.75	20 51 40.0	21 51.9
	10	2 17 54.40	12 31 16.6	7 6.2	16 49 41.48	20 50 40.7	21 35.3
	14	2 20 6.98	12 41 44.3	6 52.7	16 48 47.66	20 49 49.8	21 18.7
	18	2 22 11.29	12 51 23.6	6 39.0	16 47 58.74	20 49 8.5	21 2.1
	22	2 24 6.85	13 0 12.9	6 25.2	16 47 15.10	20 48 37.2	20 45.7
	26	2 25 53.20	+13 8 10.8	6 11.2	16 46 37.05	-20 48 16.7	20 29.4
Авг.	30	2 27 29.93	13 15 16.7	5 57.1	16 46 4.84	20 48 7.4	20 13.1
	3	2 28 56.62	13 21 29.5	5 42.8	16 45 38.69	20 48 9.5	19 57.0
	7	2 30 12.85	13 26 48.2	5 28.3	16 45 18.76	20 48 23.5	19 41.0
	11	2 31 18.13	13 31 11.5	5 13.6	16 45 5.18	20 48 49.4	19 25.0
	15	2 32 12.03	13 34 38.0	4 58.8	16 44 58.12	20 49 27.5	19 9.2
	19	2 32 54.16	+13 37 6.5	4 43.8	16 44 57.66	-20 50 18.0	18 53.5
	23	2 33 24.22	13 38 36.8	4 28.5	16 45 3.84	20 51 20.5	18 37.9
Сент.	27	2 33 42.02	13 39 8.6	4 13.1	16 45 16.64	20 52 34.7	18 22.4
	31	2 33 47.42	13 38 41.8	3 57.4	16 45 36.01	20 54 0.4	18 7.0
	4	2 33 40.31	13 37 16.4	3 41.6	16 46 1.85	20 55 37.1	17 51.7
	8	2 33 20.64	13 34 52.5	3 25.5	16 46 34.13	20 57 24.2	17 36.6
	12	2 32 48.43	+13 31 30.3	3 9.3	16 47 12.75	-20 59 21.3	17 21.5
	16	2 32 3.87	13 27 11.0	2 52.8	16 47 57.61	21 1 27.8	17 6.5
	20	2 31 7.35	13 21 56.2	2 36.1	16 48 48.54	21 3 43.2	16 51.7
Окт.	24	2 29 59.42	13 15 48.7	2 19.3	16 49 45.37	21 6 6.3	16 36.9
	28	2 28 40.75	13 8 51.6	2 2.2	16 50 47.87	21 8 36.4	16 22.2
	2	2 27 12.10	13 1 8.3	1 45.0	16 51 55.83	21 11 12.6	16 7.6
	6	2 25 34.33	+12 52 43.0	1 27.7	16 53 9.07	-21 13 54.2	15 53.1
	10	2 23 48.43	12 43 39.8	1 10.2	16 54 27.39	21 16 40.2	15 38.7
	14	2 21 55.62	12 34 4.6	0 52.6	16 55 50.54	21 19 30.0	15 24.4
	18	2 19 57.26	12 24 4.0	0 34.9	16 57 18.31	21 22 22.4	15 10.1
Нояб.	22	2 17 54.83	12 13 45.2	0 17.2	16 58 50.40	21 25 16.6	14 55.9
	26	2 15 49.85	12 3 16.1	23 54.9	17 0 26.53	21 28 11.5	14 41.8
	30	2 13 43.88	+11 52 44.2	23 37.1	17 2 6.39	-21 31 6.4	14 27.8
	3	2 11 38.37	11 42 17.1	23 19.3	17 3 49.76	21 34 0.5	14 13.7
	7	2 9 34.83	11 32 2.6	23 1.5	17 5 36.37	21 36 52.8	13 59.8
	11	2 7 34.80	11 22 8.8	22 43.8	17 7 25.93	21 39 42.8	13 45.9
	15	2 5 39.81	11 12 43.9	22 26.2	17 9 18.17	21 42 29.6	13 32.0
Дек.	19	2 3 51.25	11 3 56.0	22 8.7	17 11 12.73	21 45 12.4	13 18.2
	23	2 2 10.43	+10 55 51.8	21 51.3	17 13 9.31	-21 47 50.6	13 4.4
	27	2 0 38.43	10 48 37.5	21 34.1	17 15 7.58	21 50 23.5	12 50.7
	1	1 59 16.16	10 42 18.0	21 17.1	17 17 7.26	21 52 50.5	12 36.9
	5	1 58 4.42	10 36 57.8	21 0.2	17 19 8.05	21 55 11.3	12 23.2
	9	1 57 3.94	10 32 40.7	20 43.5	17 21 9.66	21 57 25.4	12 9.5
	13	1 56 15.34	10 29 30.2	20 27.0	17 23 11.75	21 59 32.4	11 55.8
	17	1 55 39.08	+10 27 28.8	20 10.7	17 25 13.98	-22 1 31.9	11 42.1
	21	1 55 15.44	10 26 37.9	19 54.7	17 27 16.00	22 3 23.6	11 28.4
	25	1 55 4.53	10 26 57.8	19 38.8	17 29 17.49	22 5 7.4	11 14.6
	29	1 55 6.34	10 28 27.8	19 23.2	17 31 18.14	22 6 43.1	11 0.9

День.	O ^h всемирн. времени		Верхняя кульминация в Гринв.	O ^h всемирн. времени		Верхняя кульминация в Гринв.	
	Видимое восход.	Видимое склонение		Видимое восход.	Видимое склонение		
Янв. - 2	h m s	o ' "	h m	h m s	o ' "	h m	
	23 59 52.79	-0 48 25.5	17 31.3	10 5 15.01	+12 18 43.8	3 38.8	
	+ 6	0 0 27.06	17 0.4	10 4 45.28	12 21 38.7	3 6.9	
	14	0 1 12.53	0 39 6.4	16 29.7	10 4 9.15	12 25 7.3	2 34.8
Февр. - 7	22	0 2 8.56	0 32 43.4	15 59.2	10 3 27.53	12 29 4.3	2 2.7
	30	0 3 14.28	0 25 18.9	15 28.8	10 2 41.52	12 38 23.5	1 30.5
	7	0 4 28.62	0 16 59.9	14 58.6	10 1 52.35	12 37 57.8	0 58.2
	15	0 5 50.46	-0 7 54.2	14 28.5	10 1 1.30	+12 42 40.3	0 25.9
Март	23	0 7 18.66	+0 1 50.8	13 58.5	10 0 9.66	12 47 23.8	23 49.5
	2	0 8 51.92	0 12 6.5	13 28.6	9 59 18.82	12 52 0.8	23 17.2
	10	0 10 28.89	0 22 43.7	12 58.8	9 58 30.09	12 56 24.4	22 45.0
	18	0 12 8.32	0 33 34.4	12 29.0	9 57 44.66	13 0 28.4	22 12.8
Апр.	26	0 13 48.88	0 44 30.0	11 59.2	9 57 3.69	13 4 6.9	21 40.7
	3	0 15 29.18	+0 55 21.2	11 29.4	9 56 28.23	+13 7 14.7	21 8.6
	11	0 17 7.97	1 5 59.9	10 59.6	9 55 59.07	13 9 47.6	20 36.7
	19	0 18 44.03	1 16 18.2	10 29.7	9 55 36.91	13 11 42.5	20 4.9
Май	27	0 20 16.07	1 26 8.1	9 59.8	9 55 22.33	13 12 56.8	19 33.2
	5	0 21 42.91	1 35 21.7	9 29.7	9 55 15.66	13 13 28.5	19 1.7
	13	0 23 3.49	1 43 52.5	8 59.6	9 55 17.04	13 13 17.5	18 30.2
	21	0 24 16.77	+1 51 34.2	8 29.4	9 55 26.55	+13 12 23.5	17 59.0
Июнь	29	0 25 21.73	1 58 20.3	7 59.0	9 55 44.07	13 10 47.1	17 27.8
	6	0 26 17.53	2 4 5.7	7 28.5	9 56 9.33	13 8 29.9	16 56.8
	14	0 27 3.50	2 8 46.3	6 57.8	9 56 41.91	13 5 33.9	16 25.9
	22	0 27 38.93	2 12 18.1	6 26.9	9 57 21.41	13 2 1.4	15 55.1
Июль	30	0 28 3.34	2 14 38.2	5 55.8	9 58 7.22	12 57 55.5	15 24.4
	8	0 28 16.49	+2 15 45.5	5 24.6	9 58 58.64	+12 53 19.6	14 53.8
	16	0 28 18.23	2 15 39.7	4 53.2	9 59 55.00	12 48 17.5	14 23.3
	24	0 28 8.58	2 14 20.7	4 21.6	10 0 55.51	12 42 53.0	13 52.9
Авг.	1	0 27 47.91	2 11 51.6	3 49.8	10 1 59.31	12 37 10.7	13 22.5
	9	0 27 16.75	2 8 16.2	3 17.8	10 3 5.51	12 31 15.2	12 52.1
	17	0 26 35.82	2 3 39.2	2 45.6	10 4 13.28	12 25 11.2	12 21.8
	25	0 25 46.12	+1 58 7.5	2 13.4	10 5 21.67	+12 19 3.6	11 51.4
Сент.	2	0 24 48.98	1 51 49.8	1 41.0	10 6 29.69	12 12 57.7	11 21.1
	10	0 23 45.78	1 44 55.4	1 8.5	10 7 36.49	12 6 58.6	10 50.8
	18	0 22 38.14	1 37 34.5	0 35.9	10 8 41.10	12 1 11.4	10 20.4
	26	0 21 27.89	1 29 59.7	f 0 3.31 123 59.2j	10 9 42.58	11 55 41.5	9 50.0
Окт.	4	0 20 16.94	1 22 22.9	23 26.6	10 10 40.06	11 50 33.9	9 19.4
	12	0 19 7.12	+1 14 56.3	22 53.9	10 11 32.71	+11 45 53.2	8 48.8
	20	0 18 0.38	1 7 52.3	22 21.4	10 12 19.68	11 41 44.3	8 18.1
	28	0 16 58.64	1 1 23.2	21 48.9	10 13 0.24	11 38 11.4	7 47.4
Новб.	5	0 16 3.54	0 55 39.4	21 16.6	10 13 33.78	11 35 18.1	7 16.5
	13	0 15 16.58	0 50 50.7	20 44.4	10 13 59.76	11 33 7.5	6 45.4
	21	0 14 39.18	0 47 5.7	20 12.3	10 14 17.70	11 31 42.0	6 14.3
	29	0 14 12.37	+0 44 30.9	19 40.4	10 14 27.37	+11 31 3.2	5 43.0
Дек.	7	0 13 56.90	0 43 10.8	19 8.7	10 14 28.67	11 31 11.4	5 11.6
	15	0 13 53.31	0 43 8.4	18 37.2	10 14 21.60	11 32 6.2	4 40.0
	23	0 14 1.92	0 44 25.5	18 5.9	10 14 6.37	11 33 46.4	4 8.3
	31	0 14 22.62	0 47 0.9	17 34.9	10 13 43.48	11 36 8.9	3 36.5

День.	Об всемирного времени.							
	t	l	log g	G	log h	H	log i	i
1928								
Янв. 0	-0.0044	-1.016	0.8310	12 51.5	1.3104	23 29.4	0.0715 _n	-1.179
1	-0.0016	1.004	0.8264	12 52.5	1.3102	23 25.7	0.1216 _n	1.323
2	+0.0011	0.992	0.8219	12 53.6	1.3100	23 21.9	0.1661 _n	1.466
3	0.0038	0.981	0.8174	12 54.7	1.3098	23 18.1	0.2063 _n	1.608
4	0.0066	0.970	0.8129	12 55.9	1.3095	23 14.4	0.2428 _n	1.749
5	0.0093	0.958	0.8084	12 57.1	1.3093	23 10.6	0.2765 _n	1.890
6	0.0121	-0.947	0.8039	12 58.4	1.3090	23 6.8	0.3077 _n	-2.031
7	0.0148	0.936	0.7993	12 59.7	1.3087	23 3.1	0.3367 _n	2.171
8	0.0175	0.925	0.7948	13 1.0	1.3083	22 59.3	0.3636 _n	2.310
9	0.0203	0.914	0.7903	13 2.4	1.3080	22 55.5	0.3888 _n	2.448
10	0.0230	0.903	0.7858	13 3.9	1.3076	22 51.7	0.4126 _n	2.586
11	0.0258	0.892	0.7813	13 5.4	1.3072	22 47.9	0.4350 _n	2.723
12	0.0285	-0.881	0.7768	13 7.0	1.3068	22 44.1	0.4562 _n	-2.859
13	0.0312	0.870	0.7724	13 8.6	1.3064	22 40.2	0.4762 _n	2.994
14	0.0340	0.859	0.7679	13 10.2	1.3060	22 36.4	0.4954 _n	3.129
15	0.0367	0.849	0.7635	13 11.9	1.3055	22 32.6	0.5135 _n	3.262
16	0.0394	0.838	0.7591	13 13.6	1.3051	22 28.7	0.5307 _n	3.394
17	0.0422	0.827	0.7547	13 15.4	1.3046	22 24.9	0.5472 _n	3.525
18	0.0449	-0.817	0.7503	13 17.2	1.3041	22 21.0	0.5629 _n	-3.655
19	0.0477	0.807	0.7459	13 19.1	1.3036	22 17.2	0.5780 _n	3.784
20	0.0504	0.796	0.7416	13 21.0	1.3030	22 13.3	0.5924 _n	3.912
21	0.0531	0.786	0.7374	13 23.0	1.3025	22 9.4	0.6062 _n	4.038
22	0.0559	0.776	0.7333	13 25.0	1.3019	22 5.5	0.6194 _n	4.163
23	0.0586	0.766	0.7292	13 27.0	1.3014	22 1.6	0.6322 _n	4.287
24	0.0613	-0.756	0.7250	13 29.1	1.3008	21 57.7	0.6443 _n	-4.409
25	0.0641	0.746	0.7209	13 31.2	1.3002	21 53.8	0.6561 _n	4.530
26	0.0668	0.736	0.7168	13 33.4	1.2996	21 49.9	0.6674 _n	4.649
27	0.0696	0.726	0.7129	13 35.7	1.2990	21 45.9	0.6782 _n	4.767
28	0.0723	0.717	0.7091	13 37.9	1.2984	21 42.0	0.6887 _n	4.883
29	0.0750	0.707	0.7054	13 40.2	1.2978	21 38.0	0.6988 _n	4.998
30	0.0778	-0.698	0.7016	13 42.5	1.2971	21 34.1	0.7085 _n	-5.111
31	0.0805	0.689	0.6979	13 44.9	1.2965	21 30.1	0.7179 _n	5.223
Февр. 1	0.0832	0.680	0.6943	13 47.2	1.2958	21 26.1	0.7270 _n	5.333
2	0.0860	0.670	0.6908	13 49.6	1.2952	21 22.1	0.7357 _n	5.441
3	0.0887	0.661	0.6874	13 52.1	1.2945	21 18.1	0.7441 _n	5.548
4	0.0915	0.652	0.6840	13 54.6	1.2939	21 14.1	0.7523 _n	5.653
5	0.0942	-0.644	0.6806	13 57.0	1.2932	21 10.0	0.7601 _n	-5.756
6	0.0969	0.635	0.6773	13 59.5	1.2926	21 6.0	0.7677 _n	5.857
7	0.0997	0.626	0.6742	14 2.0	1.2919	21 1.9	0.7750 _n	5.956
8	0.1024	0.618	0.6711	14 4.6	1.2912	20 57.9	0.7820 _n	6.053
9	0.1052	0.609	0.6680	14 7.1	1.2906	20 53.8	0.7887 _n	6.148
10	0.1079	0.601	0.6650	14 9.7	1.2899	20 49.7	0.7953 _n	6.242

День.		O ^h всемирного времени.								
		t	f	log g	G	log h	H	log i	i	
1928										
Февр.	10	* 0.1079	—0.601	0.6650	^h 14 ^m 9.7	1.2899	^h 20 ^m 49.7	0.7953 _n	—6.242	
	11	0.1106	0.593	0.6621	14 12.3	1.2893	20 45.6	0.8017 _n	6.334	
	12	0.1134	0.585	0.6594	14 14.9	1.2886	20 41.5	0.8077 _n	6.423	
	13	0.1161	0.577	0.6568	14 17.6	1.2880	20 37.4	0.8136 _n	6.510	
	14	0.1188	0.569	0.6542	14 20.2	1.2873	20 33.2	0.8192 _n	6.595	
	15	0.1216	0.561	0.6516	14 22.8	1.2867	20 29.1	0.8247 _n	6.679	
	16	0.1243	—0.553	0.6491	14 25.4	1.2860	20 24.9	0.8299 _n	—6.760	
	17	0.1271	0.545	0.6467	14 28.1	1.2854	20 20.8	0.8350 _n	6.839	
	18	0.1298	0.538	0.6444	14 30.7	1.2848	20 16.6	0.8399 _n	6.916	
	19	0.1325	0.530	0.6421	14 33.3	1.2842	20 12.4	0.8445 _n	6.991	
	20	0.1353	0.523	0.6399	14 35.9	1.2836	20 8.2	0.8490 _n	7.063	
	21	0.1380	0.516	0.6378	14 38.5	1.2830	20 4.0	0.8533 _n	7.133	
	22	0.1407	—0.508	0.6358	14 41.0	1.2824	19 59.8	0.8574 _n	—7.201	
	23	0.1435	0.501	0.6338	14 43.6	1.2819	19 55.6	0.8614 _n	7.267	
	24	0.1462	0.494	0.6318	14 46.2	1.2813	19 51.3	0.8652 _n	7.331	
	25	0.1490	0.487	0.6299	14 48.8	1.2808	19 47.1	0.8688 _n	7.392	
	26	0.1517	0.480	0.6281	14 51.3	1.2802	19 42.8	0.8722 _n	7.451	
	27	0.1544	0.473	0.6263	14 53.9	1.2797	19 38.6	0.8755 _n	7.507	
	28	0.1572	—0.467	0.6246	14 56.4	1.2792	19 34.3	0.8786 _n	—7.561	
	29	0.1599	0.460	0.6229	14 58.9	1.2788	19 30.1	0.8816 _n	7.613	
	Март	1	0.1626	0.453	0.6212	15 1.4	1.2783	19 25.8	0.8844 _n	7.663
		2	0.1654	0.447	0.6195	15 3.8	1.2779	19 21.5	0.8871 _n	7.711
		3	0.1681	0.440	0.6179	15 6.3	1.2775	19 17.2	0.8896 _n	7.756
		4	0.1709	0.434	0.6164	15 8.7	1.2771	19 12.9	0.8920 _n	7.798
		5	0.1736	—0.427	0.6148	15 11.1	1.2767	19 8.6	0.8942 _n	—7.838
		6	0.1763	0.421	0.6132	15 13.5	1.2763	19 4.3	0.8963 _n	7.875
		7	0.1791	0.414	0.6116	15 15.9	1.2760	19 0.0	0.8982 _n	7.910
8		0.1818	0.408	0.6100	15 18.3	1.2757	18 55.7	0.9000 _n	7.943	
9		0.1845	0.402	0.6085	15 20.6	1.2754	18 51.3	0.9016 _n	7.973	
10		0.1873	0.395	0.6070	15 22.9	1.2751	18 47.0	0.9031 _n	8.001	
11		0.1900	—0.389	0.6056	15 25.2	1.2749	18 42.7	0.9046 _n	—8.027	
12		0.1928	0.383	0.6041	15 27.5	1.2746	18 38.4	0.9058 _n	8.050	
13		0.1955	0.377	0.6027	15 29.7	1.2744	18 34.0	0.9069 _n	8.070	
14		0.1982	0.371	0.6012	15 32.0	1.2743	18 29.7	0.9078 _n	8.088	
15	0.2010	0.365	0.5997	15 34.3	1.2741	18 25.4	0.9087 _n	8.104		
16	0.2037	0.359	0.5981	15 36.5	1.2740	18 21.0	0.9094 _n	8.117		
17	0.2065	—0.353	0.5964	15 38.8	1.2739	18 16.7	0.9100 _n	—8.128		
18	0.2092	0.347	0.5948	15 41.0	1.2738	18 12.4	0.9104 _n	8.136		
19	0.2119	0.341	0.5932	15 43.2	1.2737	18 8.0	0.9107 _n	8.142		
20	0.2147	0.334	0.5915	15 45.4	1.2737	18 3.7	0.9109 _n	8.145		
21	0.2174	0.328	0.5898	15 47.6	1.2737	17 59.4	0.9109 _n	8.146		
22	0.2201	0.322	0.5882	15 49.8	1.2737	17 55.0	0.9108 _n	8.144		

День.		O ^h всемирного времени.							
		t	f	log g	G	log h	H	log i	i
1928									
		^a	ⁿ		^{h m}		^{h m}		ⁿ
Март	22	0.2201	-0.322	0.5882	15 49.8	1.2737	17 55.0	0.9108 _n	-8.144
	23	0.2229	0.316	0.5865	15 52.0	1.2737	17 50.7	0.9106 _n	8.140
	24	0.2256	0.310	0.5847	15 54.2	1.2738	17 46.4	0.9103 _n	8.134
	25	0.2284	0.304	0.5829	15 56.4	1.2739	17 42.1	0.9098 _n	8.125
	26	0.2311	0.298	0.5810	15 58.5	1.2740	17 37.8	0.9092 _n	8.113
	27	0.2338	0.292	0.5792	16 0.7	1.2741	17 33.5	0.9084 _n	8.099
	28	0.2366	-0.286	0.5773	16 3.0	1.2743	17 29.2	0.9076 _n	-8.083
	29	0.2393	0.280	0.5753	16 5.2	1.2745	17 24.9	0.9066 _n	8.065
	30	0.2420	0.274	0.5733	16 7.4	1.2747	17 20.6	0.9055 _n	8.044
	31	0.2448	0.267	0.5712	16 9.7	1.2749	17 16.3	0.9042 _n	8.021
Апр.	1	0.2475	0.261	0.5692	16 11.9	1.2752	17 12.0	0.9028 _n	7.995
	2	0.2503	0.255	0.5671	16 14.2	1.2754	17 7.7	0.9013 _n	7.967
	3	0.2530	-0.248	0.5650	16 16.5	1.2757	17 3.5	0.8997 _n	-7.937
	4	0.2557	0.242	0.5628	16 18.8	1.2760	16 59.2	0.8978 _n	7.904
	5	0.2585	0.236	0.5605	16 21.1	1.2764	16 55.0	0.8959 _n	7.869
	6	0.2612	0.229	0.5582	16 23.5	1.2767	16 50.8	0.8938 _n	7.831
	7	0.2639	0.223	0.5559	16 25.9	1.2771	16 46.5	0.8916 _n	7.791
	8	0.2667	0.216	0.5535	16 28.3	1.2775	16 42.3	0.8893 _n	7.750
	9	0.2694	-0.210	0.5511	16 30.8	1.2779	16 38.1	0.8868 _n	-7.706
	10	0.2722	0.203	0.5486	16 33.3	1.2784	16 33.9	0.8842 _n	7.660
	11	0.2749	0.196	0.5462	16 35.9	1.2788	16 29.7	0.8814 _n	7.611
	12	0.2776	0.189	0.5437	16 38.5	1.2793	16 25.6	0.8785 _n	7.560
	13	0.2804	0.183	0.5411	16 41.1	1.2797	16 21.4	0.8755 _n	7.507
	14	0.2831	0.176	0.5385	16 43.8	1.2802	16 17.3	0.8723 _n	7.452
	15	0.2859	-0.169	0.5359	16 46.5	1.2807	16 13.1	0.8689 _n	-7.395
	16	0.2886	0.162	0.5334	16 49.3	1.2813	16 9.0	0.8655 _n	7.336
	17	0.2913	0.154	0.5308	16 52.1	1.2818	16 4.9	0.8618 _n	7.275
	18	0.2941	0.147	0.5281	16 55.0	1.2824	16 0.8	0.8580 _n	7.211
	19	0.2968	0.140	0.5255	16 58.0	1.2829	15 56.7	0.8540 _n	7.145
	20	0.2995	0.133	0.5228	17 1.0	1.2835	15 52.6	0.8498 _n	7.077
	21	0.3023	-0.125	0.5202	17 4.1	1.2840	15 48.6	0.8455 _n	-7.007
	22	0.3050	0.118	0.5176	17 7.2	1.2846	15 44.5	0.8411 _n	6.936
	23	0.3078	0.110	0.5150	17 10.4	1.2852	15 40.5	0.8365 _n	6.863
	24	0.3105	0.103	0.5124	17 13.7	1.2858	15 36.5	0.8317 _n	6.787
	25	0.3132	0.095	0.5099	17 17.1	1.2864	15 32.5	0.8267 _n	6.709
	26	0.3160	0.087	0.5075	17 20.6	1.2870	15 28.5	0.8214 _n	6.629
	27	0.3187	-0.079	0.5050	17 24.1	1.2877	15 24.5	0.8161 _n	-6.548
	28	0.3214	0.071	0.5026	17 27.7	1.2883	15 20.5	0.8106 _n	6.465
	29	0.3242	0.063	0.5002	17 31.4	1.2889	15 16.6	0.8048 _n	6.380
	30	0.3269	0.055	0.4980	17 35.2	1.2896	15 12.6	0.7989 _n	6.294
Май	1	0.3297	0.047	0.4959	17 39.1	1.2902	15 8.7	0.7928 _n	6.206
	2	0.3324	0.038	0.4939	17 43.0	1.2908	15 4.8	0.7864 _n	6.115

День.	O ^h всемирного времени.								
	t	f	log g	G	log h	H	log i	i	
1928									
Май	2	0.3324	-0.038	0.4939	17 43.0	1.2908	15 4.8	0.7864 _n	-6.115
	3	0.3351	0.030	0.4920	17 47.0	1.2914	15 0.9	0.7798 _n	6.023
	4	0.3379	0.021	0.4901	17 51.0	1.2921	14 57.0	0.7730 _n	5.929
	5	0.3406	0.013	0.4883	17 55.2	1.2927	14 53.1	0.7660 _n	5.834
	6	0.3433	-0.004	0.4867	17 59.4	1.2934	14 49.3	0.7587 _n	5.737
	7	0.3461	+0.005	0.4853	18 3.7	1.2940	14 45.4	0.7512 _n	5.639
	8	0.3488	+0.014	0.4840	18 8.0	1.2946	14 41.6	0.7434 _n	-5.539
	9	0.3516	0.023	0.4829	18 12.5	1.2952	14 37.8	0.7354 _n	5.437
	10	0.3543	0.032	0.4820	18 16.9	1.2958	14 34.0	0.7271 _n	5.334
	11	0.3570	0.041	0.4813	18 21.4	1.2965	14 30.2	0.7185 _n	5.230
	12	0.3598	0.050	0.4807	18 26.0	1.2971	14 26.4	0.7096 _n	5.124
	13	0.3625	0.059	0.4808	18 30.7	1.2977	14 22.6	0.7004 _n	5.017
	14	0.3653	+0.069	0.4802	18 35.3	1.2983	14 18.8	0.6909 _n	-4.908
	15	0.3680	0.078	0.4803	18 40.1	1.2988	14 15.1	0.6811 _n	4.798
	16	0.3707	0.088	0.4807	18 44.8	1.2994	14 11.3	0.6709 _n	4.687
	17	0.3735	0.097	0.4813	18 49.7	1.3000	14 7.6	0.6603 _n	4.574
	18	0.3762	0.107	0.4822	18 54.5	1.3006	14 3.9	0.6492 _n	4.459
	19	0.3789	0.117	0.4833	18 59.3	1.3011	14 0.2	0.6379 _n	4.344
	20	0.3817	+0.126	0.4846	19 4.1	1.3016	13 56.5	0.6261 _n	-4.228
	21	0.3844	0.136	0.4861	19 9.0	1.3022	13 52.8	0.6139 _n	4.111
	22	0.3872	0.146	0.4879	19 13.8	1.3027	13 49.1	0.6013 _n	3.993
	23	0.3899	0.156	0.4899	19 18.6	1.3032	13 45.5	0.5880 _n	3.873
	24	0.3926	0.166	0.4922	19 23.3	1.3037	13 41.8	0.5743 _n	3.752
	25	0.3954	0.177	0.4947	19 28.0	1.3042	13 38.2	0.5599 _n	3.630
	26	0.3981	+0.187	0.4975	19 32.7	1.3046	13 34.5	0.5449 _n	-3.507
	27	0.4008	0.197	0.5005	19 37.3	1.3051	13 30.9	0.5293 _n	3.383
	28	0.4036	0.208	0.5038	19 42.0	1.3055	13 27.3	0.5131 _n	3.259
	29	0.4063	0.218	0.5072	19 46.5	1.3060	13 23.7	0.4961 _n	3.134
	30	0.4091	0.229	0.5108	19 51.0	1.3064	13 20.1	0.4783 _n	3.008
	31	0.4118	0.239	0.5147	19 55.4	1.3068	13 16.5	0.4595 _n	2.881
Июнь	1	0.4145	+0.250	0.5188	19 59.8	1.3072	13 12.9	0.4398 _n	-2.753
	2	0.4173	0.261	0.5231	20 4.0	1.3075	13 9.3	0.4190 _n	2.624
	3	0.4200	0.271	0.5276	20 8.2	1.3079	13 5.8	0.3971 _n	2.495
	4	0.4227	0.282	0.5322	20 12.3	1.3082	13 2.2	0.3738 _n	2.365
	5	0.4255	0.293	0.5369	20 16.2	1.3085	12 58.7	0.3493 _n	2.235
	6	0.4282	0.304	0.5418	20 20.1	1.3088	12 55.1	0.3230 _n	2.104
	7	0.4310	+0.315	0.5469	20 23.9	1.3091	12 51.6	0.2949 _n	-1.972
	8	0.4337	0.325	0.5521	20 27.7	1.3094	12 48.0	0.2648 _n	1.840
	9	0.4364	0.336	0.5573	20 31.3	1.3096	12 44.5	0.2322 _n	1.707
	10	0.4392	0.347	0.5626	20 34.8	1.3098	12 41.0	0.1970 _n	1.574
	11	0.4419	0.358	0.5681	20 38.3	1.3100	12 37.4	0.1587 _n	1.441
	12	0.4447	0.370	0.5737	20 41.6	1.3102	12 33.9	0.1163 _n	1.307

День.	O ^h всемирного времени							
	t	f	log g	G	log h	H	log i	
1928								
Июль 12	0.4447	+0.370	0.5737	20 41.6	1.3102	12 33.9	0.1163 _n	-1.307
13	0.4474	0.381	0.5793	20 44.8	1.3104	12 30.4	0.0689 _n	1.172
14	0.4501	0.392	0.5851	20 47.9	1.3106	12 26.9	0.0158 _n	1.037
15	0.4529	0.403	0.5910	20 50.9	1.3107	12 23.4	9.9552 _n	0.902
16	0.4556	0.414	0.5969	20 53.9	1.3108	12 19.9	9.8848 _n	0.767
17	0.4583	0.425	0.6028	20 56.7	1.3109	12 16.3	9.8007 _n	0.632
18	0.4611	+0.436	0.6087	20 59.4	1.3110	12 12.8	9.6964 _n	-0.497
19	0.4638	0.448	0.6147	21 2.0	1.3111	12 9.3	9.5587 _n	0.362
20	0.4666	0.459	0.6207	21 4.5	1.3111	12 5.8	9.3541 _n	0.226
21	0.4693	0.470	0.6267	21 7.0	1.3111	12 2.3	8.9542 _n	-0.090
22	0.4720	0.481	0.6327	21 9.4	1.3111	11 58.8	8.6532 _n	+0.045
23	0.4748	0.492	0.6387	21 11.7	1.3111	11 55.3	9.2577	0.181
24	0.4775	+0.503	0.6446	21 13.9	1.3111	11 51.8	9.5011	+0.317
25	0.4802	0.515	0.6506	21 16.0	1.3110	11 48.3	9.6551	0.452
26	0.4830	0.526	0.6566	21 18.0	1.3109	11 44.8	9.7686	0.587
27	0.4857	0.537	0.6625	21 19.9	1.3108	11 41.3	9.8585	0.722
28	0.4885	0.548	0.6684	21 21.8	1.3107	11 37.8	9.9330	0.857
29	0.4912	0.559	0.6743	21 23.6	1.3106	11 34.3	9.9965	0.992
Июль 30	0.4939	+0.570	0.6802	21 25.3	1.3105	11 30.8	0.0515	+1.126
1	0.4967	0.581	0.6860	21 26.9	1.3103	11 27.3	0.1004	1.260
2	0.4994	0.592	0.6918	21 28.5	1.3101	11 23.8	0.1443	1.394
3	0.5021	0.603	0.6976	21 30.0	1.3099	11 20.3	0.1838	1.527
4	0.5049	0.614	0.7033	21 31.4	1.3097	11 16.7	0.2201	1.660
5	0.5076	0.625	0.7090	21 32.8	1.3094	11 13.2	0.2533	1.792
6	0.5104	+0.636	0.7146	21 34.2	1.3092	11 9.7	0.2842	+1.924
7	0.5131	0.647	0.7202	21 35.4	1.3089	11 6.2	0.3130	2.056
8	0.5158	0.658	0.7257	21 36.6	1.3086	11 2.6	0.3398	2.187
9	0.5186	0.669	0.7312	21 37.8	1.3083	10 59.1	0.3649	2.317
10	0.5213	0.680	0.7366	21 38.9	1.3080	10 55.5	0.3886	2.447
11	0.5241	0.690	0.7419	21 39.9	1.3077	10 52.0	0.4109	2.576
12	0.5268	+0.701	0.7472	21 40.9	1.3073	10 48.4	0.4320	+2.704
13	0.5295	0.712	0.7524	21 41.9	1.3069	10 44.9	0.4519	2.831
14	0.5323	0.722	0.7575	21 42.8	1.3065	10 41.3	0.4710	2.958
15	0.5350	0.733	0.7626	21 43.7	1.3061	10 37.7	0.4891	3.084
16	0.5377	0.743	0.7677	21 44.5	1.3057	10 34.1	0.5064	3.209
17	0.5405	0.753	0.7728	21 45.3	1.3053	10 30.5	0.5228	3.333
18	0.5432	+0.764	0.7778	21 46.0	1.3048	10 26.9	0.5386	+3.456
19	0.5460	0.774	0.7827	21 46.7	1.3044	10 23.3	0.5538	3.579
20	0.5487	0.784	0.7875	21 47.4	1.3039	10 19.7	0.5683	3.701
21	0.5514	0.794	0.7923	21 48.0	1.3034	10 16.1	0.5822	3.821
22	0.5542	0.804	0.7970	21 48.6	1.3029	10 12.5	0.5955	3.940
23	0.5569	0.814	0.8016	21 49.2	1.3024	10 8.8	0.6084	4.059

День.	0 ^h всемирного времени.							
	t	f	log g	G	log h	H	log i	i
1928								
Июль								
23	0.5569	+0.814	0.8016	21 49.2	1.3024	10 8.8	0.6084	+4.059
24	0.5596	0.824	0.8061	21 49.8	1.3019	10 5.2	0.6208	4.176
25	0.5624	0.834	0.8106	21 50.3	1.3014	10 1.5	0.6327	4.292
26	0.5651	0.844	0.8151	21 50.8	1.3008	9 57.8	0.6440	4.406
27	0.5679	0.854	0.8195	21 51.2	1.3003	9 54.1	0.6550	4.519
28	0.5706	0.863	0.8238	21 51.6	1.2997	9 50.4	0.6658	4.632
29	0.5733	+0.873	0.8281	21 52.0	1.2991	9 46.7	0.6761	+4.743
30	0.5761	0.882	0.8323	21 52.4	1.2986	9 43.0	0.6860	4.853
31	0.5788	0.891	0.8365	21 52.8	1.2980	9 39.3	0.6957	4.962
Авг.								
1	0.5815	0.901	0.8406	21 53.1	1.2974	9 35.6	0.7049	5.069
2	0.5843	0.910	0.8446	21 53.5	1.2968	9 31.8	0.7139	5.175
3	0.5870	0.919	0.8485	21 53.8	1.2962	9 28.1	0.7226	5.279
4	0.5898	+0.928	0.8524	21 54.1	1.2956	9 24.3	0.7309	+5.382
5	0.5925	0.937	0.8562	21 54.4	1.2950	9 20.5	0.7390	5.483
6	0.5952	0.946	0.8600	21 54.7	1.2943	9 16.7	0.7469	5.583
7	0.5980	0.955	0.8638	21 54.9	1.2937	9 12.9	0.7545	5.682
8	0.6007	0.963	0.8675	21 55.1	1.2931	9 9.1	0.7619	5.779
9	0.6035	0.972	0.8710	21 55.3	1.2924	9 5.3	0.7689	5.874
10	0.6062	+0.981	0.8745	21 55.5	1.2918	9 1.4	0.7758	+5.968
11	0.6089	0.989	0.8780	21 55.7	1.2912	8 57.6	0.7825	6.060
12	0.6117	0.997	0.8815	21 55.9	1.2906	8 53.7	0.7889	6.150
13	0.6144	1.006	0.8849	21 56.1	1.2899	8 49.8	0.7951	6.239
14	0.6171	1.014	0.8882	21 56.3	1.2893	8 45.9	0.8011	6.326
15	0.6199	1.022	0.8915	21 56.5	1.2887	8 42.0	0.8069	6.411
16	0.6226	+1.030	0.8947	21 56.6	1.2881	8 38.1	0.8125	+6.494
17	0.6254	1.038	0.8979	21 56.8	1.2875	8 34.2	0.8180	6.576
18	0.6281	1.046	0.9010	21 56.9	1.2869	8 30.2	0.8232	6.656
19	0.6308	1.054	0.9040	21 57.1	1.2863	8 26.3	0.8283	6.734
20	0.6336	1.062	0.9070	21 57.2	1.2857	8 22.3	0.8331	6.810
21	0.6363	1.069	0.9100	21 57.4	1.2851	8 18.4	0.8378	6.884
22	0.6390	+1.077	0.9130	21 57.5	1.2845	8 14.4	0.8424	+6.956
23	0.6418	1.084	0.9159	21 57.6	1.2839	8 10.4	0.8467	7.026
24	0.6445	1.092	0.9187	21 57.8	1.2833	8 6.3	0.8510	7.095
25	0.6473	1.099	0.9215	21 57.9	1.2828	8 2.3	0.8550	7.162
26	0.6500	1.107	0.9242	21 58.0	1.2822	7 58.3	0.8589	7.226
27	0.6527	1.114	0.9269	21 58.1	1.2817	7 54.2	0.8626	7.288
28	0.6555	+1.121	0.9295	21 58.2	1.2812	7 50.2	0.8662	+7.348
29	0.6582	1.128	0.9321	21 58.4	1.2807	7 46.1	0.8695	7.405
30	0.6609	1.135	0.9346	21 58.5	1.2802	7 42.0	0.8728	7.461
31	0.6637	1.142	0.9371	21 58.6	1.2797	7 37.9	0.8760	7.516
Сент.								
1	0.6664	1.149	0.9396	21 58.8	1.2792	7 33.8	0.8790	7.569
2	0.6692	1.156	0.9420	21 58.9	1.2787	7 29.7	0.8819	7.619

День.	O ^h всемирного времени.								
	t	f	log g	G	log h	H	log i	i	
1928									
Сент.	2	0.6692	+1.156	0.9420	21 58.9	1.2787	7 29.7	0.8819	+7.619
	3	0.6719	1.162	0.9444	21 59.1	1.2783	7 25.5	0.8846	7.666
	4	0.6746	1.169	0.9467	21 59.2	1.2779	7 21.4	0.8871	7.711
	5	0.6774	1.176	0.9490	21 59.4	1.2775	7 17.2	0.8896	7.755
	6	0.6801	1.183	0.9513	21 59.5	1.2771	7 13.1	0.8919	7.796
	7	0.6828	1.189	0.9535	21 59.7	1.2767	7 8.9	0.8940	7.835
	8	0.6856	+1.196	0.9557	21 59.9	1.2764	7 4.7	0.8960	+7.871
	9	0.6883	1.202	0.9578	22 0.1	1.2760	7 0.5	0.8979	7.905
	10	0.6911	1.209	0.9599	22 0.3	1.2757	6 56.3	0.8997	7.938
	11	0.6938	1.215	0.9620	22 0.5	1.2754	6 52.1	0.9013	7.968
	12	0.6965	1.222	0.9641	22 0.7	1.2752	6 47.9	0.9029	7.996
	13	0.6993	1.228	0.9661	22 0.9	1.2749	6 43.7	0.9042	8.021
	14	0.7020	+1.234	0.9681	22 1.1	1.2747	6 39.5	0.9055	+8.044
	15	0.7048	1.241	0.9701	22 1.3	1.2745	6 35.3	0.9066	8.065
	16	0.7075	1.247	0.9720	22 1.5	1.2743	6 31.0	0.9076	8.083
	17	0.7102	1.253	0.9739	22 1.8	1.2741	6 26.8	0.9084	8.099
	18	0.7130	1.259	0.9758	22 2.0	1.2740	6 22.5	0.9091	8.112
	19	0.7157	1.266	0.9776	22 2.3	1.2739	6 18.3	0.9097	8.123
	20	0.7184	+1.272	0.9794	22 2.6	1.2738	6 14.0	0.9102	+8.132
	21	0.7212	1.278	0.9812	22 2.9	1.2737	6 9.7	0.9106	8.139
	22	0.7239	1.284	0.9830	22 3.2	1.2737	6 5.5	0.9108	8.143
	23	0.7267	1.290	0.9848	22 3.5	1.2737	6 1.2	0.9109	8.145
	24	0.7294	1.297	0.9866	22 3.8	1.2737	5 56.9	0.9109	8.145
	25	0.7321	1.303	0.9883	22 4.1	1.2737	5 52.7	0.9107	8.142
	26	0.7349	+1.309	0.9900	22 4.5	1.2738	5 48.4	0.9104	+8.136
	27	0.7376	1.315	0.9917	22 4.8	1.2738	5 44.1	0.9100	8.128
	28	0.7403	1.322	0.9933	22 5.2	1.2739	5 39.8	0.9094	8.118
	29	0.7431	1.328	0.9950	22 5.5	1.2741	5 35.6	0.9088	8.106
	30	0.7458	1.334	0.9966	22 5.9	1.2742	5 31.3	0.9080	8.091
Окт.	1	0.7486	1.340	0.9983	22 6.3	1.2744	5 27.0	0.9071	8.074
	2	0.7513	+1.347	0.9999	22 6.7	1.2746	5 22.7	0.9060	+8.054
	3	0.7540	1.353	1.0015	22 7.1	1.2748	5 18.5	0.9048	8.032
	4	0.7568	1.359	1.0031	22 7.6	1.2750	5 14.2	0.9035	8.008
	5	0.7595	1.366	1.0047	22 8.0	1.2753	5 9.9	0.9021	7.981
	6	0.7622	1.372	1.0063	22 8.5	1.2756	5 5.7	0.9005	7.952
	7	0.7650	1.379	1.0079	22 8.9	1.2759	5 1.4	0.8988	7.921
	8	0.7677	+1.385	1.0095	22 9.4	1.2762	4 57.1	0.8969	+7.887
	9	0.7705	1.392	1.0110	22 9.9	1.2766	4 52.9	0.8949	7.851
	10	0.7732	1.398	1.0126	22 10.4	1.2769	4 48.6	0.8928	7.812
	11	0.7759	1.405	1.0141	22 10.9	1.2773	4 44.4	0.8905	7.771
	12	0.7787	1.412	1.0157	22 11.4	1.2777	4 40.2	0.8881	7.728
	13	0.7814	1.419	1.0172	22 12.0	1.2781	4 35.9	0.8855	7.682

День.	O ^h всемирного времени.							
	t	f	log g	G	log h	H	log i	
1928								
Окт. 13	0.7814	+1.419	1.0172	22 12.0	1.2781	4 35.9	0.8855	+7.682
14	0.7842	1.426	1.0188	22 12.5	1.2786	4 31.7	0.8828	7.634
15	0.7869	1.433	1.0204	22 13.1	1.2790	4 27.5	0.8799	7.584
16	0.7896	1.440	1.0220	22 13.6	1.2795	4 23.3	0.8769	7.531
17	0.7924	1.447	1.0235	22 14.2	1.2800	4 19.1	0.8737	7.476
18	0.7951	1.454	1.0251	22 14.8	1.2805	4 14.9	0.8703	7.419
19	0.7978	+1.461	1.0267	22 15.4	1.2810	4 10.7	0.8669	+7.360
20	0.8006	1.468	1.0283	22 16.0	1.2816	4 6.5	0.8632	7.298
21	0.8033	1.475	1.0299	22 16.6	1.2821	4 2.3	0.8594	7.234
22	0.8061	1.483	1.0315	22 17.2	1.2827	3 58.1	0.8554	7.168
23	0.8088	1.490	1.0332	22 17.8	1.2833	3 54.0	0.8513	7.100
24	0.8115	1.498	1.0348	22 18.4	1.2839	3 49.8	0.8470	7.030
25	0.8143	+1.506	1.0365	22 19.1	1.2845	3 45.7	0.8424	+6.957
26	0.8170	1.513	1.0381	22 19.7	1.2851	3 41.5	0.8377	6.882
27	0.8197	1.521	1.0398	22 20.4	1.2857	3 37.4	0.8328	6.805
28	0.8225	1.529	1.0415	22 21.0	1.2863	3 33.3	0.8278	6.726
29	0.8252	1.537	1.0432	22 21.7	1.2869	3 29.2	0.8225	6.645
30	0.8280	1.545	1.0449	22 22.4	1.2876	3 25.1	0.8170	6.562
31	0.8307	+1.554	1.0466	22 23.0	1.2882	3 21.0	0.8114	+6.477
Нояб. 1	0.8334	1.562	1.0483	22 23.7	1.2889	3 17.0	0.8054	6.389
2	0.8362	1.570	1.0501	22 24.4	1.2895	3 12.9	0.7993	6.300
3	0.8389	1.579	1.0519	22 25.0	1.2902	3 8.8	0.7930	6.209
4	0.8416	1.587	1.0537	22 25.7	1.2908	3 4.8	0.7865	6.116
5	0.8444	1.596	1.0555	22 26.4	1.2915	3 0.8	0.7797	6.021
6	0.8471	+1.605	1.0573	22 27.1	1.2921	2 56.7	0.7726	+5.924
7	0.8499	1.614	1.0591	22 27.8	1.2928	2 52.7	0.7653	5.825
8	0.8526	1.623	1.0610	22 28.4	1.2934	2 48.7	0.7577	5.724
9	0.8553	1.632	1.0629	22 29.1	1.2941	2 44.7	0.7498	5.621
10	0.8581	1.641	1.0648	22 29.8	1.2947	2 40.7	0.7417	5.517
11	0.8608	1.650	1.0667	22 30.4	1.2954	2 36.8	0.7333	5.411
12	0.8636	+1.660	1.0686	22 31.1	1.2960	2 32.8	0.7245	+5.303
13	0.8663	1.669	1.0706	22 31.8	1.2967	2 28.9	0.7155	5.194
14	0.8690	1.679	1.0726	22 32.4	1.2973	2 24.9	0.7061	5.083
15	0.8718	1.688	1.0746	22 33.1	1.2979	2 21.0	0.6964	4.970
16	0.8745	1.698	1.0766	22 33.8	1.2985	2 17.0	0.6862	4.855
17	0.8772	1.708	1.0786	22 34.4	1.2991	2 13.1	0.6757	4.739
18	0.8800	+1.718	1.0807	22 35.1	1.2997	2 9.2	0.6648	+4.622
19	0.8827	1.728	1.0827	22 35.7	1.3003	2 5.3	0.6535	4.503
20	0.8855	1.738	1.0848	22 36.3	1.3009	2 1.4	0.6418	4.383
21	0.8882	1.748	1.0869	22 37.0	1.3015	1 57.6	0.6296	4.262
22	0.8909	1.759	1.0890	22 37.6	1.3020	1 53.7	0.6169	4.139
23	0.8937	1.769	1.0911	22 38.2	1.3026	1 49.8	0.6036	4.014

День.	O ^b всемирного времени.							
	t	f	log g	G	log h	H	log i	
1928								
Нояб. 23	0.8937	+1.769	1.0911	22 38.2	1.3026	1 49.8	0.6036	+4.014
24	0.8964	1.780	1.0932	22 38.8	1.3031	1 46.0	0.5897	3.888
25	0.8991	1.790	1.0954	22 39.4	1.3037	1 42.1	0.5753	3.761
26	0.9019	1.801	1.0976	22 40.0	1.3042	1 38.3	0.5603	3.633
27	0.9046	1.812	1.0998	22 40.6	1.3047	1 34.4	0.5446	3.504
28	0.9074	1.822	1.1020	22 41.1	1.3051	1 30.6	0.5281	3.374
29	0.9101	+1.833	1.1042	22 41.7	1.3056	1 26.8	0.5108	+3.242
30	0.9128	1.844	1.1064	22 42.2	1.3060	1 23.0	0.4926	3.109
Дек. 1	0.9156	1.855	1.1086	22 42.8	1.3065	1 19.2	0.4736	2.976
2	0.9183	1.866	1.1109	22 43.3	1.3069	1 15.4	0.4535	2.841
3	0.9210	1.878	1.1131	22 43.8	1.3073	1 11.6	0.4322	2.705
4	0.9238	1.889	1.1154	22 44.3	1.3077	1 7.8	0.4098	2.569
5	0.9265	+1.900	1.1177	22 44.8	1.3080	1 4.0	0.3858	+2.431
6	0.9293	1.911	1.1200	22 45.3	1.3084	1 0.3	0.3602	2.292
7	0.9320	1.923	1.1223	22 45.7	1.3087	0 56.5	0.3330	2.153
8	0.9347	1.934	1.1246	22 46.2	1.3090	0 52.7	0.3041	2.014
9	0.9375	1.946	1.1269	22 46.6	1.3093	0 49.0	0.2728	1.874
10	0.9402	1.957	1.1292	22 47.0	1.3096	0 45.2	0.2388	1.733
11	0.9430	+1.969	1.1315	22 47.4	1.3098	0 41.5	0.2019	+1.592
12	0.9457	1.981	1.1338	22 47.8	1.3100	0 37.7	0.1614	1.450
13	0.9484	1.992	1.1361	22 48.2	1.3102	0 34.0	0.1163	1.307
14	0.9512	2.004	1.1384	22 48.6	1.3104	0 30.2	0.0660	1.164
15	0.9539	2.016	1.1407	22 48.9	1.3106	0 26.5	0.0090	1.021
16	0.9566	2.028	1.1430	22 49.3	1.3107	0 22.7	9.9435	0.878
17	0.9594	+2.039	1.1453	22 49.6	1.3108	0 19.0	9.8657	+0.734
18	0.9621	2.051	1.1476	22 49.9	1.3109	0 15.2	9.7709	0.590
19	0.9649	2.063	1.1499	22 50.2	1.3110	0 11.5	9.6484	0.445
20	0.9676	2.075	1.1522	22 50.5	1.3111	0 7.8	9.4771	0.300
21	0.9703	2.087	1.1545	22 50.8	1.3111	0 4.0	9.1903	0.155
22	0.9731	2.098	1.1569	22 51.0	1.3111	0 0.3	8.0414	+0.011
23	0.9758	+2.110	1.1592	22 51.3	1.3111	23 56.5	9.1271 _n	-0.134
24	0.9785	2.122	1.1615	22 51.5	1.3111	23 52.8	9.4456 _n	0.279
25	0.9813	2.134	1.1638	22 51.7	1.3110	23 49.1	9.6274 _n	0.424
26	0.9840	2.146	1.1660	22 51.9	1.3110	23 45.3	9.7543 _n	0.568
27	0.9868	2.158	1.1683	22 52.1	1.3109	23 41.6	9.8525 _n	0.712
28	0.9895	2.169	1.1706	22 52.3	1.3107	23 37.8	9.9325 _n	0.856
29	0.9922	+2.181	1.1728	22 52.5	1.3106	23 34.1	0.0000 _n	-1.000
30	0.9950	2.193	1.1750	22 52.6	1.3104	23 30.3	0.0584 _n	1.144
31	0.9977	2.205	1.1773	22 52.8	1.3102	23 26.6	0.1099 _n	1.288
32	1.0004	2.216	1.1795	22 52.9	1.3100	23 22.8	0.1556 _n	1.431
33	1.0032	2.228	1.1817	22 53.0	1.3098	23 19.1	0.1967 _n	1.573
34	1.0059	2.240	1.1839	22 53.2	1.3096	23 15.3	0.2343 _n	1.715

№	Название.	Вел.	Спект. тип.	α_{1928}			Годовое измен.	μ_{α} 0,0001	δ_{1928}			Годовое измен.	μ_{δ} 0"
				h	m	s			"	'	"		
1	δ Ceti	4.6	A	0 0	3.146	+3.074	+ 13	-17 44	12.74	+20.04	-		
2	α Androm.	2.2	A	0 4	39.711	+3.098	+ 106	+28 41	34.56	+19.88	-		
3	β Cassiop.	2.4	F5	0 5	19.462	+3.192	+ 679	+58 45	9.55	+19.86	-		
4	γ Pegasi	2.9	B2	0 9	31.535	+3.087	0	+14 46	59.66	+20.02	-		
5	(θ Androm.)	4.4	A	0 13	19.467	+3.130	- 41	+38 16	54.76	+19.99	-		
6	ι Ceti	3.8	K	0 15	45.580	+3.057	- 12	- 9 13	22.84	+19.97	-		
7	(12 Cass op.)	5.4	B9	0 20	48.386	+3.297	+ 19	+61 25	56.47	+19.97	+		
8	(λ Cassiop. m)	4.9	B5	0 27	47.382	+3.300	+ 52	+54 7	29.58	+19.89	-		
9	κ Cassiop.	4.2	B	0 28	53.584	+3.397	+ 16	+62 32	4.78	+19.89	+		
10	ζ Cassiop.	3.7	B2	0 32	56.942	+3.333	+ 23	+53 30	3.08	+19.83	-		
11	π Androm.	4.4	B3	0 33	1.797	+3.200	+ 17	+33 19	23.07	+19.82	-		
12	ϵ Androm.	4.5	G5	0 34	44.754	+3.167	- 173	+28 55	15.78	+19.57	-		
13	δ Androm.	3.5	K	0 35	28.372	+3.204	+ 107	+30 28	1.99	+19.72	-		
14	α Cassiop.	2.5	K	0 36	24.559	+3.394	+ 61	+56 8	33.80	+19.76	-		
15	β Ceti	2.2	K	0 39	58.576	+3.012	+ 160	-18 22	53.63	+19.78	+		
16	ρ Cassiop.	4.7	B2	0 40	42.231	+3.336	+ 22	+47 53	26.18	+19.73	-		
17	ζ Androm.	4.3	K	0 43	31.074	+3.177	- 74	+23 52	32.66	+19.61	-		
18	η Cassiop. c.g.	3.6	F8	0 44	43.902	+3.617	+ 1894	+57 26	1.91	+19.14	-		
19	δ Piscium	4.6	K5	0 44	56.678	+3.111	+ 55	+ 7 11	36.64	+19.62	-		
20	ν Androm.	4.4	B3	0 45	50.133	+3.303	+ 17	+40 41	13.26	+19.63	-		
21	γ Cassiop.	2.2	Bp	0 52	20.882	+3.608	+ 40	+60 19	38.10	+19.52	-		
22	μ Androm.	3.9	A2	0 52	44.991	+3.324	+ 128	+38 6	32.53	+19.55	-		
23	α Sculptoris	4.4	B5	0 55	8.288	+3.892	+ 6	-29 44	46.90	+19.47	+		
24	(σ Piscium)	5.5	B9	0 58	52.176	+3.282	+ 18	+31 25	4.77	+19.36	-		
25	ϵ Piscium	4.4	G5	0 59	12.250	+3.112	- 54	+ 7 30	10.23	+19.41	+		
26	η Ceti	3.6	K	1 4	58.029	+3.017	+ 141	-10 33	48.81	+19.11	-		
27	β Androm.	2.4	Ma	1 5	41.667	+3.354	+ 149	+35 14	21.10	+19.12	-		
28	(f) Cassiop.	4.5	A5	1 6	42.342	+3.643	+ 265	+54 46	2.57	+19.19	-		
29	χ Piscium	4.9	K	1 7	34.663	+3.220	+ 14	+20 39	9.07	+19.19	+		
30	τ Piscium	4.7	Kp	1 7	41.357	+3.300	+ 55	+29 42	27.88	+19.14	-		
31	ρ Piscium	4.7	A2	1 15	30.224	+3.293	+ 17	+26 53	9.71	+18.96	-		
32	(ξ Androm.)	5.0	K	1 18	5.552	+3.525	+ 39	+45 9	6.86	+18.90	-		
33	θ Ceti	3.8	K	1 20	25.435	+2.998	- 54	- 8 33	16.08	+18.61	+		
34	ψ Cassiop.	5.0	K	1 20	49.296	+4.216	+ 140	+67 45	17.82	+18.85	+		
35	δ Cassiop.	2.8	A5	1 21	5.376	+3.910	+ 402	+59 51	42.02	+18.76	-		
36	η Piscium	3.7	G5	1 27	37.637	+3.208	+ 20	+14 58	30.16	+18.59	-		
37	(γ Cassiop.)	4.9	G2	1 29	12.613	+3.907	- 44	+58 51	47.65	+18.53	-		
38	ν Persei	3.8	K	1 33	33.710	+3.673	+ 61	+48 15	50.64	+18.29	-		
39	ν Piscium	4.7	K	1 37	40.929	+3.120	- 14	+ 5 7	25.48	+18.26	+		
40	φ Persei	4.2	Bp	1 39	8.169	+3.751	+ 29	+50 19	35.88	+18.18	-		
41	τ Ceti	3.7	K	1 40	43.392	+2.787	-1194	-16 18	58.10	+19.00	+8		
42	ρ Piscium	4.5	G5	1 41	35.315	+3.166	+ 46	+ 8 47	45.32	+18.16	+		
43	ζ Ceti	3.9	K	1 47	54.348	+2.961	+ 25	-10 41	24.59	+17.84	-		
44	α Triang.	3.6	F5	1 48	58.299	+3.416	+ 13	+29 13	43.49	+17.59	-23		
45	ϵ Cassiop.	3.4	B5	1 49	11.698	+4.297	+ 57	+63 18	58.93	+17.80	-		
46	γ Arietis S	4.8	Ap	1 49	34.529	+3.289	+ 57	+18 56	28.36	+17.69	-10		
47	ϵ Piscium	4.8	K	1 49	49.558	+3.105	+ 15	+ 2 49	57.69	+17.82	+		
48	β Arietis	2.7	A5	1 50	39.493	+3.311	+ 68	+20 27	24.04	+17.65	-11		
49	λ Arietis	4.8	A5	1 53	54.683	+3.340	- 68	+23 14	43.81	+17.60	-		
50	ν Ceti	4.2	Ma	1 56	36.764	+2.827	+ 93	-21 25	34.10	+17.49	-		

№	Название.	Вел.	Спект. тип.	α_{1928}	Годовое измен.	μ_{α} 0.0001	ζ_{1928}			Годовое измен.	μ_{δ} 0.001
							h	m	s		
51	50 Cassiop.	4.1	A	1 57 14.889	+ 5.086	- 84	+ 72	4	26.32	+17.51	+ 23
52	α^2 Piscium.	4.3	A2p	1 58 19.200	+ 3.103	+ 28	+ 2	24	59.49	+17.43	- 6
53	γ Androm.	2.3	Kp	1 59 28.266	+ 3.675	+ 42	+ 41	59	5.94	+17.34	- 52
54	α Arietis.	2.2	K2	2 3 6.576	+ 3.378	+ 137	+ 23	7	21.74	+17.08	- 146
55	β Trianguli.	3.1	A5	2 5 15.146	+ 3.564	+ 123	+ 34	38	50.76	+17.08	- 46
56	(6 Persei)	5.4	G5	2 8 48.268	+ 3.980	+ 366	+ 50	43	56.08	+16.80	- 169
57	γ Trianguli.	4.1	A	2 13 1.614	+ 3.561	+ 34	+ 33	30	54.02	+16.72	- 51
58	(65 Androm.)	4.9	K	2 20 48.587	+ 3.992	+ 27	+ 49	57	13.28	+16.37	- 16
59	(11 Triang.)	5.8	G	2 23 11.442	+ 3.548	- 24	+ 31	28	43.54	+16.23	- 34
60	ϵ^2 Ceti	4.3	A	2 24 19.672	+ 3.188	+ 26	+ 8	8	17.38	+16.20	- 4
61	δ Ceti	4.0	B2	2 35 47.386	+ 3.074	+ 7	+ 0	1	7.52	+15.60	+ 1
62	(12 Persei)	5.0	G	2 37 41.746	+ 3.780	- 12	+ 39	53	25.36	+15.30	- 191
63	35 Arietis.	4.6	B8	2 39 13.248	+ 3.516	+ 3	+ 27	24	5.94	+15.39	- 13
64	θ Persei	4.2	G	2 39 16.253	+ 4.089	+ 343	+ 48	55	29.96	+15.31	- 91
65	γ Ceti	3.6	A	2 39 34.046	+ 3.107	- 98	+ 2	55	59.38	+15.24	- 150
66	μ Ceti	4.4	A5	2 41 2.803	+ 3.241	+ 190	+ 9	48	39.86	+15.28	- 27
67	39 Arietis	4.6	K	2 43 36.955	+ 3.568	+ 115	+ 28	56	56.44	+15.03	- 125
68	η Persei	3.9	K	2 45 25.840	+ 4.365	+ 29	+ 55	35	52.29	+15.03	- 16
69	41 Arietis.	3.7	B8	2 45 44.421	+ 3.527	+ 50	+ 26	57	53.09	+14.92	- 113
70	τ Persei	4.1	Gp	2 49 8.431	+ 4.244	+ 5	+ 52	28	8.44	+14.83	- 6
71	η Eridani	4.0	K	2 52 54.537	+ 2.931	+ 51	+ 9	11	1.80	+14.40	- 218
72	δ Arietis m	5.2	A2	2 55 5.422	+ 3.427	- 11	+ 21	3	11.89	+14.47	- 6
73	λ Ceti	4.7	B5	2 55 51.207	+ 3.214	+ 6	+ 8	37	17.35	+14.43	- 77
74	α Ceti	2.8	Ma	2 58 30.789	+ 3.135	- 9	+ 3	48	29.39	+14.20	- 9
75	γ Persei	3.1	Gp	2 59 34.152	+ 4.335	+ 4	+ 53	13	32.57	+14.20	-
76	ρ Persei	nep.	Mb	3 0 33.321	+ 3.839	+ 115	+ 38	33	44.66	+14.04	- 108
77	β Persei	nep.	B8	3 3 28.584	+ 3.897	+ 6	+ 40	40	45.77	+13.95	- 5
78	(ϵ Persei)	4.2	G	3 3 51.581	+ 4.321	+ 1294	+ 49	20	22.35	+13.85	- 84
79	δ Arietis	4.5	K	3 7 30.465	+ 3.428	+ 107	+ 19	27	19.66	+13.70	- 6
80	12 Eridani	4.0	F8	3 9 0.725	+ 2.548	+ 250	+ 29	16	12.20	+14.26	+ 648
81	(Pi 23)	4.9	K	3 14 13.271	+ 3.747	+ 4	+ 33	57	37.41	+13.26	- 12
82	(Pi 27)	5.6	K5p	3 18 24.320	+ 5.191	+ 17	+ 64	19	50.22	+13.01	+ 16
83	α Persei	1.9	F5	3 19 10.334	+ 4.275	+ 28	+ 49	36	22.59	+12.92	- 28
84	σ Tauri	3.8	G5	3 20 56.154	+ 3.227	- 45	+ 8	46	35.35	+12.75	- 78
86	2H Camelop.	4.4	B9	3 23 13.380	+ 4.845	+ 5	+ 59	41	27.65	+12.68	- 1
85	ϵ Tauri	3.8	B8	3 23 15.853	+ 3.250	+ 40	+ 9	28	57.48	+12.63	- 41
87	(α Persei)	4.6	K	3 25 29.330	+ 4.222	+ 6	+ 47	44	53.01	+12.54	+ 22
88	5 f Tauri	4.3	K	3 26 53.679	+ 3.310	+ 12	+ 12	41	27.50	+12.42	- 4
89	σ Eridani	3.8	K	3 29 32.239	+ 2.826	- 657	- 9	42	3.93	+12.25	+ 15
90	(ψ Persei)	4.3	B5	3 31 21.885	+ 4.257	+ 35	+ 47	57	16.62	+12.08	- 26
91	10 Tauri	4.4	G5	3 33 11.785	+ 3.060	- 157	+ 0	10	27.18	+11.50	- 481
92	δ Persei	3.1	B5	3 37 47.381	+ 4.264	+ 32	+ 47	33	31.76	+11.63	- 33
93	δ Eridani	3.7	K	3 39 47.875	+ 2.874	- 62	+ 10	0	22.17	+12.26	+ 743
94	σ Persei	3.9	B1	3 39 47.905	+ 3.758	+ 8	+ 32	3	40.50	+11.50	- 24
95	ν Persei	3.9	F5	3 40 17.710	+ 4.070	- 8	+ 42	21	9.18	+11.48	+ 1
96	(17 Tauri)	3.8	B5	3 40 35.738	+ 3.560	+ 14	+ 23	53	17.25	+11.41	- 50
98	γ Camelop.	4.7	A	3 42 43.685	+ 6.303	+ 60	+ 71	6	45.71	+11.27	- 36
97	η Tauri	3.0	B5	3 43 12.023	+ 3.563	+ 14	+ 23	53	1.28	+11.23	- 48
99	27 Tauri	3.8	B8p	3 44 52.616	+ 3.565	+ 14	+ 23	53	3.90	+11.10	- 50
90	ζ Persei	2.9	B1	3 49 36.084	+ 3.768	+ 10	+ 31	40	15.77	+10.79	- 17

№	Название.	Вел.	Спек. тип.	α_{1918}	Годовое измен.	μ_{α}		δ_{1928}	Годовое измен.	μ_{δ}
						0.0001	"			
101	ϵ Persei	3.0	B	3 53 0.975	+ 4.022	+ 23	+ 39 48 11.93	+ 10.52	- 10	
102	ζ Persei	4.0	Oe5	3 54 17.292	+ 3.889	+ 11	+ 35 35 6.85	+ 10.45	- 11	
103	γ Eridani	3.2	K5	3 54 40.167	+ 2.799	+ 46	+ 13 42 44.56	+ 10.31	- 11	
104	λ Tauri	пер	B3	3 56 41.311	+ 3.322	- 4	+ 12 17 16.99	+ 10.27	- 11	
105	(Pi 208)	5.1	F	3 58 26.404	+ 4.988	+ 1	+ 58 57 26.52	+ 10.15	+ 10	
106	ν Tauri	3.9	A	3 59 19.428	+ 3.190	+ 1	+ 5 47 26.26	+ 10.07	- 10	
107	48 ϵ Persei	4.0	B3p	4 3 25.631	+ 4.350	+ 32	+ 47 31 18.75	+ 9.74	- 3	
108	(\circ Eridani)	4.1	F5	4 8 20.967	+ 2.928	+ 6	+ 7 1 27.37	+ 9.47	+ 8	
109	(52 f. Persei)	4.9	F	4 9 58.964	+ 4.079	+ 14	+ 40 18 10.50	+ 9.23	- 2	
110	μ Tauri	4.3	B5	4 11 37.363	+ 3.257	+ 19	+ 8 42 47.81	+ 9.11	- 2	
112	(Pi 22)	5.9	K	4 15 31.168	+ 5.207	+ 81	+ 60 33 58.96	+ 8.72	- 10	
111	γ Tauri	3.9	G	4 15 41.598	+ 3.413	+ 81	+ 15 27 17.98	+ 8.79	- 2	
113	δ Tauri	3.9	K	4 18 46.789	+ 3.458	+ 77	+ 17 22 29.58	+ 8.54	- 3	
114	68 δ^a Tauri	4.2	A	4 21 19.239	+ 3.469	+ 75	+ 17 45 52.86	+ 8.35	- 2	
115	(Pi. 69)	5.3	G5	4 21 31.077	+ 3.817	+ 64	+ 31 16 40.09	+ 8.23	- 12	
116	ϵ Tauri	3.6	K	4 24 24.592	+ 3.502	+ 80	+ 19 1 19.35	+ 8.09	- 3	
117	(θ^2 Tauri)	3.6	A5	4 24 32.926	+ 3.424	+ 72	+ 15 42 44.95	+ 8.09	- 2	
118	ρ Tauri	4.8	A5	4 29 45.597	+ 3.403	+ 69	+ 14 41 39.66	+ 7.67	- 2	
119	α Tauri	1.1	K5	4 31 47.228	+ 3.441	+ 48	+ 16 21 56.99	+ 7.34	- 19	
120	(ν Eridani)	4.1	B2	4 32 43.200	+ 2.997	0	+ 3 29 54.65	+ 7.46	- 1	
121	(3 Camelop.)	5.3	G5	4 34 14.065	+ 4.721	+ 12	+ 52 56 16.36	+ 7.31	- 1	
122	53 Eridani	4.0	K	4 34 52.900	+ 2.747	- 54	+ 14 26 37.40	+ 7.12	- 16	
123	τ Tauri	4.3	A	4 37 55.265	+ 3.600	+ 4	+ 22 49 12.36	+ 7.01	- 2	
124	μ Eridani	4.2	B5	4 41 54.075	+ 3.000	+ 13	+ 3 23 7.57	+ 6.70	- 10	
125	4 Camelop.	5.4	A	4 41 59.870	+ 4.991	+ 64	+ 56 37 52.51	+ 6.55	- 14	
126	1 π^1 Orion. (π^0)	3.3	F8	4 45 55.821	+ 3.256	+ 316	+ 6 50 12.82	+ 6.39	+ 1	
127	(2 π^2 Orionis)	4.4	A	4 46 41.143	+ 3.268	- 4	+ 8 46 40.45	+ 6.28	- 3	
129	α Camelop.	4.4	B	4 46 52.783	+ 5.954	+ 12	+ 66 13 21.93	+ 6.30	+ 1	
128	3 π^3 Orionis	3.8	B3	4 47 22.173	+ 3.194	- 3	+ 5 28 59.25	+ 6.25	- 6	
130	4 σ^1 Orionis	5.2	Ma	4 48 27.452	+ 3.393	0	+ 14 7 55.11	+ 6.11	- 5	
131	8 π^5 Orionis	3.9	B3	4 50 29.962	+ 3.124	- 2	+ 2 19 26.28	+ 5.99	- 3	
132	ι Aurigae	2.9	K2	4 52 18.112	+ 3.905	+ 7	+ 33 3 12.62	+ 5.81	- 2	
133	ϵ Aurigae	пер.	F5p	4 56 47.899	+ 4.303	- 5	+ 43 43 6.20	+ 5.45	- 1	
134	β Camelop.	4.2	G	4 57 0.345	+ 5.331	+ 3	+ 60 20 21.11	+ 5.43	- 1	
135	(ζ Aurigae)	3.9	Kp	4 57 26.478	+ 4.191	+ 10	+ 40 58 20.31	+ 5.38	- 3	
136	ι Tauri	4.7	A5	4 58 47.394	+ 3.585	+ 48	+ 21 29 18.62	+ 5.24	- 4	
137	11 Orionis	4.6	A	5 0 27.200	+ 3.428	+ 13	+ 15 18 18.51	+ 5.12	- 3	
138	η Aurigae	3.3	B3	5 1 27.728	+ 4.205	+ 27	+ 41 8 19.40	+ 4.99	- 7	
139	ϵ Leporis	3.3	K5	5 2 24.765	+ 2.539	+ 19	+ 22 27 59.83	+ 4.92	- 6	
140	β Eridani	2.9	A2	5 4 18.567	+ 2.949	- 59	+ 5 10 41.96	+ 4.75	- 7	
141	μ Aurigae	4.8	A3	5 8 29.898	+ 4.104	+ 15	+ 38 24 3.16	+ 4.39	- 7	
142	β Orionis	0.3	B8p	5 11 4.624	+ 2.883	+ 1	+ 8 17 1.17	+ 4.25	- 1	
143	α Aurigae	0.2	G	5 11 22.021	+ 4.430	+ 81	+ 45 55 35.64	+ 3.80	- 42	
144	λ Aurigae	4.8	G	5 14 4.424	+ 4.219	+ 459	+ 40 2 12.60	+ 3.33	- 65	
145	(τ Orionis)	3.7	B5	5 14 6.573	+ 2.913	- 11	+ 6 55 15.69	+ 3.99	- 7	
146	(16 Camelop.)	5.2	A	5 17 17.649	+ 5.135	+ 33	+ 57 28 35.16	+ 3.66	- 6	
147	η Orionis m.	3.4	B1	5 20 51.393	+ 3.017	- 4	+ 2 27 43.71	+ 3.42	+ 1	
148	γ Orionis	1.7	B2	5 21 16.105	+ 3.217	- 5	+ 6 17 8.44	+ 3.36	- 1	
149	β Tauri	1.8	B8	5 21 44.352	+ 3.792	+ 23	+ 28 32 53.36	+ 3.15	- 17	
150	β Leporis	3.0	G	5 25 9.634	+ 2.571	+ 4	+ 20 48 57.13	+ 2.94	- 9	

№	Название.	Вел.	Спект. тип.	α_{1928}			Годовое измен.	μ_{α} 0,0001	δ_{1928}			Годовое измен.	μ_{δ} 0,001
				h	m	s			°	'	"		
151	γ Aurigae	4.9	B1	5 28	2.404	+ 3.905	+	5	+ 32	8 24.65	+ 2.77	- 16	
152	δ Orionis	2.5	B	5 28	19.654	+ 3.065	+	1	- 0	21 4.39	+ 2.77	- 3	
153	α Leporis	2.7	F	5 29	33.254	+ 2.646	+	1	- 17	52 21.84	+ 2.66	+ 3	
154	$37 \psi'$ Orionis	4.5	B	5 30	52.000	+ 3.293	-	1	+ 9	26 31.54	+ 2.54	- 8	
155	(λ' Orionis)	3.7	Oe5	5 31	10.296	+ 3.304	+	1	+ 9	53 13.74	+ 2.51	- 11	
156	(θ' Orionis)	5.4	Oe5	5 31	44.246	+ 2.947	+	2	- 5	26 9.54	+ 2.48	+ 4	
157	ϵ Orionis	1.8	B	5 32	33.566	+ 3.044	0	- 1	14	48.04	+ 2.40	- 2	
158	ζ Tauri	3.0	B3	5 33	20.440	+ 3.585	+	2	+ 21	6 0.00	+ 2.30	- 28	
159	σ Orionis m	3.8	B	5 35	7.850	+ 3.011	0	- 2	38	25.42	+ 2.18	+ 1	
160	ζ Orionis	2.0	B	5 37	7.533	+ 3.027	+	5	- 1	58 46.28	+ 1.99	- 7	
161	γ Leporis	3.8	F8	5 41	27.712	+ 2.502	-	202	- 22	28 15.17	+ 1.25	- 375	
163	(τ Aurigae)	4.6	K	5 44	11.091	+ 4.156	-	21	+ 39	9 29.74	+ 1.36	- 26	
162	κ Orionis	2.2	B	5 44	20.480	+ 2.845	+	2	- 9	41 38.69	+ 1.37	- 5	
164	ν Aurigae	4.2	K	5 46	29.915	+ 4.158	-	4	+ 39	7 44.66	+ 1.19	+ 6	
165	(13 Camelop.)	5.3	A	5 48	30.844	+ 5.374	+	9	+ 59	52 26.96	+ 0.99	- 24	
166	ϵ Aurigae	4.9	A2	5 48	48.664	+ 5.028	-	9	+ 55	41 31.66	+ 1.00	+ 12	
167	α Orionis	0.9	Ma	5 51	16.418	+ 3.248	-	19	+ 7	23 41.87	+ 0.78	+ 8	
168	η Leporis	3.8	F	5 53	7.513	+ 2.733	-	28	- 14	10 47.38	+ 0.74	+ 132	
169	δ Aurigae	3.9	K	5 53	35.908	+ 4.940	+	98	+ 54	16 52.34	+ 0.44	- 126	
170	β Aurigae	2.1	Ap	5 54	14.855	+ 4.402	-	44	+ 44	56 30.96	+ 0.50	- 5	
171	θ Aurigae	2.7	Ap	5 54	48.691	+ 4.092	+	45	+ 37	12 32.73	+ 0.37	- 90	
172	μ Orionis	4.2	A2	5 58	25.323	+ 3.301	-	12	- 9	38 55.21	+ 0.11	- 29	
173	(40 Aurigae)	5.3	A	6 1	37.274	+ 4.137	+	11	+ 38	29 26.81	- 0.19	- 54	
174	ν Orionis	4.4	B2	6 3	27.653	+ 3.426	+	6	+ 14	46 41.78	- 0.33	- 36	
175	ϵ Orionis	4.4	B3	6 7	50.794	+ 3.412	+	6	+ 14	13 34.45	- 0.71	- 34	
176	γ Geminor.	пер.	Ma	6 10	31.899	+ 3.622	-	45	+ 22	31 44.83	- 0.94	- 17	
177	(κ Aurigae)	4.4	K	6 10	47.446	+ 3.824	-	50	+ 29	31 34.12	- 1.21	- 266	
178	22HCamelop.	4.7	A	6 10	54.996	+ 6.617	+	21	+ 69	20 52.57	- 1.05	- 109	
179	2 Lyncis	4.4	A	6 13	16.833	+ 5.296	-	7	+ 59	2 20.89	- 1.13	+ 21	
180	ζ Canis maj.	3.1	B3	6 17	32.957	+ 2.303	+	6	- 30	1 49.67	- 1.53	+ 1	
181	μ Geminor	3.2	Ma	6 18	36.314	+ 3.630	+	44	+ 22	33 7.28	- 1.74	- 113	
182	β Canis maj.	2.0	B1	6 19	31.721	+ 2.642	-	5	- 17	55 8.74	- 1.70	0	
183	8 Monocer.	4.5	A5	6 19	57.177	+ 3.180	-	8	+ 4	37 50.08	- 1.74	- 3	
184	(48 Aurigae)	пер.	G	6 23	56.413	+ 3.856	-	5	+ 30	32 20.12	- 2.11	- 23	
185	13 Monocer.	4.5	A	6 29	0.658	+ 3.245	+	2	+ 7	23 13.06	- 2.53	- 10	
186	γ Geminor.	1.9	A	6 33	33.204	+ 3.467	+	31	+ 16	27 43.55	- 2.97	- 47	
187	SMonoc. (15)	4.7	Oe5	6 37	0.798	+ 3.305	+	2	+ 9	57 49.10	- 3.23	- 7	
188	ϵ Geminor.	3.2	G5	6 39	30.226	+ 3.693	0	0	+ 25	12 13.72	- 3.46	- 20	
189	ϵ Geminor.	3.4	F5	6 41	14.941	+ 3.368	-	78	+ 12	58 28.20	- 3.78	- 201	
190	α Can. maj. r. g.	1.6	A	6 41	58.645	+ 2.644	-	368	- 16	36 58.14	- 4.85	- 1205	
191	(57 ψ' Aurigae)	5.3	K	6 42	10.320	+ 4.576	-	9	+ 48	52 2.70	- 3.66	+ 2	
192	18 Monocer.	4.7	K	6 44	6.437	+ 3.130	-	4	+ 2	29 31.44	- 3.85	- 25	
193	θ Geminor.	3.6	A2	6 48	2.750	+ 3.957	+	5	+ 34	2 58.48	- 4.22	- 54	
195	24HCamelop.	4.8	K5	6 49	35.626	+ 8.786	+	249	+ 77	4 21.43	- 4.31	- 15	
194	38 ϵ Geminor.	4.7	F	6 50	34.978	+ 3.385	+	50	+ 13	16 14.11	- 4.46	- 85	
196	θ Canis maj.	4.3	K2	6 50	50.691	+ 2.788	-	93	- 11	56 50.30	- 4.42	- 15	
197	15 Lyncis	4.5	K	6 51	2.915	+ 5.203	+	6	+ 58	31 9.06	- 4.56	- 134	
198	ϵ Canis maj.	1.6	B1	6 55	47.772	+ 2.358	+	1	- 28	52 23.30	- 4.83	- 1	
199	ζ Geminor.	пер.	G	6 59	50.406	+ 3.560	-	3	+ 20	40 38.14	- 5.18	- 8	
200	δ Canis maj.	2.0	F8p	7 5	27.832	+ 2.439	-	4	- 26	16 40.53	- 5.64	+ 2	

№	Название.	Вел.	Спект. тип.	α_{1928}	Годовое измен.	μ_{α} 0,0001	δ_{1928}	Годовое измен.	μ_{δ} 0,001
201	63 Aurigae	5.1	K	7 6 42.368	+4.130	+ 41	+ 39 26 22.46	- 5.75	- 1
202	22 γ Monocer.	4.1	A	7 8 11.305	+3.065	+ 2	0 22 19.94	- 5.87	+ 11
203	(18 Lyncis)	5.3	G5	7 9 38.186	+5.250	- 117	+ 59 46 4.24	- 6.25	- 257
204	λ Geminor.	3.6	A2	7 13 57.394	+3.449	- 33	+ 16 40 17.86	- 6.40	- 48
205	γ Geminor.	3.5	F	7 15 49.513	+3.585	- 13	+ 22 6 58.55	- 6.52	- 17
206	(66 Aurigae)	5.3	K	7 19 9.564	+4.159	+ 1	+ 40 48 45.62	- 6.81	- 24
207	ϵ Geminor.	3.9	K	7 21 15.459	+3.729	- 86	+ 27 56 33.26	- 7.05	- 90
208	β Can. min.	3.1	B8	7 23 14.845	+3.255	- 34	+ 8 26 8.31	- 7.16	- 43
209	ρ Geminor.	4.2	F	7 24 28.987	+3.862	+ 117	+ 31 55 45.36	- 7.04	+ 184
210	δ Can. min.	4.8	K	7 25 47.415	+3.341	+ 2	+ 12 9 24.35	- 7.34	- 19
211	α Geminor. m.	2.0	A	7 30 0.436	+3.832	- 135	+ 32 2 50.93	- 7.78	- 109
212	ν Geminor.	4.2	K5	7 31 29.327	+3.699	- 20	+ 27 3 25.37	- 7.90	- 116
213	α Can. min c. g.	0.5	F5	7 35 32.099	+3.142	- 468	+ 5 24 38.97	- 9.14	- 1028
214	24 Lyncis	5.0	A5	7 36 55.554	+5.088	- 39	+ 58 52 50.31	- 8.28	- 61
215	χ Geminor.	3.7	G5	7 40 6.242	+3.625	- 16	+ 24 34 18.78	- 8.53	- 62
216	β Geminor.	1.2	K	7 40 54.804	+3.674	- 471	+ 28 12 5.10	- 8.59	- 56
217	ξ Puppis	3.5	Go	7 46 15.961	+2.523	- 5	+ 24 40 41.02	- 8.96	+ 1
218	(26 Lyncis)	5.7	K	7 49 28.562	+4.376	- 42	+ 47 45 10.06	- 9.22	- 8
219	(Groomb. 1385)	5.8	F	7 45 19.298	+5.043	+ 28	+ 59 14 40.33	- 9.64	+ 24
220	27 Lyncis	4.9	A2	8 3 3.030	+4.523	- 58	+ 51 42 56.81	- 10.26	- 8
221	ι Navis(ρ Argus)	2.9	F5	8 4 28.654	+2.535	- 65	+ 24 5 44.92	- 10.31	+ 45
222	β Cancri	3.8	K2	8 12 36.726	+3.255	- 35	+ 9 24 30.64	- 11.01	- 54
223	31 Lyncis	4.4	K	8 17 54.819	+4.115	- 8	+ 43 25 13.38	- 11.44	- 107
224	30 Monocer.	4.0	A	8 22 3.825	+2.999	- 44	+ 3 40 13.93	- 11.66	- 25
225	ν Ursae maj.	3.5	G	8 24 17.946	+5.002	- 167	+ 60 57 37.85	- 11.91	- 113
226	δ Hydrae	4.2	A	8 33 50.755	+3.177	- 49	+ 5 57 20.94	- 12.47	- 11
227	(π Ursae maj.)	5.7	G5	8 33 56.450	+5.268	- 73	+ 64 34 51.88	- 12.45	+ 20
228	(34 Lyncis)	5.5	G5	8 36 3.003	+4.155	+ 28	+ 46 5 15.71	- 12.53	+ 77
229	γ Cancri	4.2	K	8 40 35.775	+3.412	- 12	+ 18 25 11.71	- 13.16	- 239
230	ϵ Cancri	4.2	G5	8 42 20.684	+3.635	- 15	+ 29 1 27.66	- 13.09	- 50
231	ϵ Hydrae m.	3.5	F8	8 42 57.907	+3.179	- 127	+ 6 41 2.22	- 13.13	- 54
232	ζ Hydrae	3.3	K	8 51 35.364	+3.173	- 69	+ 6 13 13.76	- 13.63	+ 9
233	ι Ursae maj.	3.1	A5	8 54 17.261	+4.118	- 438	+ 48 19 31.66	- 14.06	- 248
234	α Cancri	4.3	A5	8 54 33.115	+3.284	+ 25	+ 12 8 14.55	- 13.86	- 39
235	10 Ursae maj.	4.1	F5	8 55 58.429	+3.902	- 388	+ 42 4 8.12	- 14.18	- 260
236	ρ Ursae maj.	5.0	Ma	8 56 4.804	+5.440	- 26	+ 67 54 42.49	- 13.91	+ 15
237	χ Ursae maj.	3.7	A	8 58 43.141	+4.106	- 30	+ 47 26 32.69	- 14.16	- 66
238	Pi 245	4.7	G5	9 1 57.324	+3.822	- 30	+ 38 44 27.57	- 14.31	- 25
239	13 σ Ursae maj.	4.9	F8	9 4 4.996	+5.305	- 10	+ 67 25 42.35	- 14.49	- 70
240	(τ Ursae maj.)	4.7	F8p	9 5 0.172	+4.968	+ 153	+ 63 48 28.06	- 14.55	- 70
241	θ Hydrae	3.8	A	9 10 37.195	+3.123	+ 87	+ 2 37 8.03	- 15.12	- 312
242	(18e Ursae maj.)	4.9	A5	9 11 1.245	+4.331	+ 70	+ 54 19 13.62	- 14.78	+ 60
243	38 Lyncis	3.8	A	9 14 22.229	+3.740	- 21	+ 37 6 29.46	- 15.16	- 135
244	40 Lyncis	3.3	K5	9 16 40.489	+3.661	- 176	+ 34 41 52.55	- 15.15	+ 11
245	α Hydrae	2.2	K2	9 24 2.988	+2.948	- 11	+ 8 20 44.72	- 15.54	+ 31
246	23h Ursae maj.	3.8	F	9 25 52.425	+4.751	+ 169	+ 63 22 40.38	- 15.65	+ 24
247	θ Ursae maj.	3.3	F8	9 28 3.204	+4.023	- 1025	+ 52 0 23.18	- 16.34	- 547
248	24d Ursae maj.	4.6	G	9 28 8.946	+5.339	- 112	+ 70 8 53.26	- 15.73	+ 70
249	10 Leon. min.	4.6	G5	9 29 49.149	+3.682	+ 11	+ 36 43 5.33	- 15.91	- 27
250	2 Sextantis	4.8	G5	9 34 42.047	+3.131	- 110	+ 4 58 30.15	- 16.20	- 63

№	Название.	Вел.	Спект. тип.	α ₁₉₂₈			Годовое	μ _x			ζ ₁₉₂₈			Годовое	ρ ₃		
				h	m	s	измен.	0.0001	o	i	r	измен.	0.001	o	i	r	
251	ε Hydrae	4.1	K	9 36 10.797	+3.065	+ 31	-	0 48 55.10	-	16.29	-	72					
252	ο Leonis	3.8	F5p	9 37 18.600	+3.203	+ 98	+	10 13 14.28	-	16.32	-	39					
253	κ Leonis	3.1	Gp	9 41 46.120	+3.409	+ 30	+	24 6 23.13	-	16.53	-	24					
254	ε Ursae maj.	3.9	F	9 45 53.182	+4.283	- 379	+	59 22 42.08	-	16.86	-	158					
255	(φ Ursae maj. m.)	4.5	A2	9 47 13.219	+4.095	0	+	54 24 5.51	-	16.76	+	9					
256	μ Leonis	4.1	K	9 48 40.374	+3.416	- 163	+	26 20 48.22	-	16.90	-	63					
257	(19 Leonis min.)	5.2	F	9 53 16.934	+3.632	- 102	+	41 23 56.91	-	17.09	-	37					
258	π Leonis	4.9	Ma	9 56 24.619	+3.172	- 23	+	8 23 25.06	-	17.22	-	27					
259	(21 Leonis min.)	4.5	A5	10 3 11.338	+3.544	+ 44	+	35 35 46.50	-	17.50	-	6					
260	ν Leonis	3.6	Ap	10 3 24.616	+3.273	- 1	+	17 6 51.38	-	17.51	-	12					
261	α Leonis	1.3	B8	10 4 32.404	+3.197	- 169	+	12 49 10.72	-	17.55	-	3					
262	ζ Leonis	3.6	F	10 12 41.397	+3.340	+ 16	+	28 46 35.95	-	17.90	-	15					
263	λ Ursae maj.	3.5	A	10 12 45.757	+3.627	- 149	+	48 16 28.43	-	17.93	-	45					
264	γ' Leonis	2.6	K	10 16 0.374	+3.310	+ 215	+	20 12 22.71	-	18.16	-	153					
265	ψ Ursae maj.	3.2	K5	10 18 2.836	+3.582	- 79	+	41 51 43.58	-	18.07	+	20					
266	30 H Ursae maj.	4.9	A	10 18 57.708	+4.348	- 18	+	65 55 52.43	-	18.15	-	23					
267	μ Hydrae	4.1	K5	10 22 36.440	+2.901	- 89	+	16 28 5.84	-	18.34	-	84					
268	β Leonis min.	4.4	K	10 23 43.581	+3.476	- 99	+	37 4 35.97	-	18.41	-	110					
269	36 Ursae maj.	4.8	F	10 26 1.926	+3.852	- 214	+	56 21 1.15	-	18.42	-	38					
270	ρ Leonis	3.8	Bp	10 29 1.318	+3.161	- 5	+	9 40 39.24	-	18.49	-	6					
271	9H Draconis	5.0	K	10 29 1.559	+5.151	- 78	+	76 5 4.71	-	18.50	-	10					
272	37 Leonis min.	4.8	G	10 34 40.487	+3.382	+ 5	+	32 21 2.31	-	18.67	-	3					
273	(Pi 135)	5.3	F	10 39 19.476	+3.534	- 270	+	46 34 57.67	-	18.89	-	74					
274	ν Hydrae	3.3	K	10 46 4.263	+2.959	+ 65	+	15 48 59.69	-	18.82	+	193					
275	46 Leonis min.	3.9	K	10 49 17.456	+3.361	+ 74	+	34 36 11.93	-	19.38	-	290					
276	54 Leonis	4.5	A	10 51 43.109	+3.251	- 55	+	25 8 2.87	-	19.18	-	17					
277	β Ursae maj.	2.4	A	10 57 30.568	+3.633	+ 102	+	55 46 7.28	-	19.27	+	28					
278	α Ursae maj.	2.0	K	10 59 18.055	+3.718	- 167	+	62 8 23.98	-	19.42	-	74					
279	γ Leonis	4.7	F	11 1 18.243	+3.095	- 233	+	7 43 32.09	-	19.44	-	47					
280	ψ Ursae maj.	3.2	K	11 5 37.417	+3.381	- 55	+	44 53 21.73	-	19.52	-	38					
281	δ Leonis	2.6	A2	11 10 16.944	+3.194	+ 106	+	20 55 5.80	-	19.72	-	145					
282	θ Leonis	3.4	A	11 10 27.843	+3.150	- 43	+	15 49 23.82	-	19.66	-	86					
283	φ Leonis	4.6	A5	11 13 0.047	+3.050	- 75	+	3 15 28.28	-	19.67	-	44					
284	ξ Ursae maj. c. g.	4.4	G	11 14 20.822	+3.205	- 333	+	31 56 3.78	-	20.24	-	598					
285	ν Ursae maj.	3.7	K	11 14 35.693	+3.246	- 18	+	33 29 14.02	-	19.64	+	15					
286	ο Leonis	4.1	A	11 17 25.488	+3.094	- 63	+	6 25 26.78	-	19.71	-	15					
287	ι Leonis	4.0	F5	11 20 10.313	+3.128	+ 105	+	10 55 33.26	-	19.83	-	85					
288	(Pi 59)	5.8	K	11 21 54.110	+3.397	- 72	+	56 14 43.10	-	19.72	+	42					
289	λ Draconis	4.1	Ma	11 27 9.070	+3.583	- 73	+	69 43 42.91	-	19.86	-	24					
290	ο Leonis	4.5	K	11 33 15.722	+3.072	0	-	0 25 34.39	-	19.87	+	35					
291	(59 Ursae maj.)	5.5	A	11 34 30.763	+3.203	- 134	+	44 1 28.40	-	19.97	-	52					
292	ζ Ursae maj.	3.8	K	11 42 15.344	+3.175	- 135	+	48 10 42.82	-	19.97	+	16					
293	β Leonis	2.2	A2	11 45 23.331	+3.062	- 342	+	14 58 28.14	-	20.13	-	123					
294	β Virginis	3.8	F8	11 46 56.688	+3.125	+ 495	+	2 10 13.42	-	20.29	-	279					
295	γ Ursae maj.	2.5	A	11 50 3.129	+3.164	+ 107	+	54 5 42.14	-	20.02	+	3					
296	π Virginis	4.6	A3	11 57 11.020	+3.074	- 3	+	7 0 56.67	-	20.08	-	33					
297	(67 Ursae maj.)	5.1	A3	11 58 27.809	+3.053	- 290	+	43 26 41.67	-	19.98	+	63					
298	ο Virginis	4.2	G5	12 1 32.532	+3.057	- 147	+	9 7 57.79	-	20.01	+	38					
299	ε Corvi	3.2	K	12 6 26.128	+3.083	- 47	+	22 13 9.88	-	20.03	+	7					
300	4H Draconis	5.1	A5	12 8 50.881	+2.834	+ 31	+	78 0 58.40	-	20.01	+	18					

№	Название.	Вел.	Спект. тип.	α ₁₉₂₈		Годовое измен.	μ _α 0.0001	δ ₁₉₂₈		Годовое измен.	μ _δ 0.001
				h	m s			o	' "		
301	δ Ursae maj.	3.4	A2	12 11	52.297	+ 2.979	+ 136	+ 57 25	57.09	-20.01	+
302	γ Corvi	2.8	B8	12 12	6.037	+ 3.083	- 112	- 17 8	32.58	-20.01	+ 1
303	(Pi 29)	5.1	K	12 12	53.208	- 3.020	- 36	+ 33 27	49.62	-20.13	- 116
304	η Virginis	4.0	A	12 16	13.298	+ 3.069	- 41	- 0 16	0.72	-20.02	- 25
305	(3 Can. Ven.)	5.6	K5	12 16	16.340	+ 2.963	+ 2	+ 49 23	0.37	-20.00	- 7
306	12 Comae Ber.	4.8	Gp	12 18	53.322	+ 3.018	- 6	+ 26 14	43.83	-19.99	- 14
307	γ Com. Ber (15.)	4.6	K	12 23	21.119	+ 2.992	- 66	+ 28 40	6.32	-20.02	- 87
308	(74 Ursae maj.)	5.4	A5	12 26	35.990	- 2.809	- 87	+ 58 48	5.80	-19.83	+ 82
309	β Can. Ven. (8)	4.3	G	12 30	19.656	- 2.853	- 628	+ 41 44	54.15	-19.59	+ 281
310	α Draconis	3.9	B5p	12 30	25.171	+ 2.570	- 118	+ 70 11	5.59	-19.85	+ 6
311	β Corvi	2.8	G5	12 30	36.075	+ 3.148	0	- 22 59	55.72	-19.93	- 61
312	23 Comae Ber.	4.8	A	12 31	15.888	+ 2.991	- 52	+ 28 1	31.00	-19.85	+ 7
313	(γ Virginis)	4.8	K	12 35	31.694	+ 3.095	- 51	- 7 35	58.97	-19.84	- 37
314	γ Virginis c. g.	3.6	F	12 38	0.645	+ 3.039	- 376	- 1 3	17.52	-19.77	+ 4
315	(Groomb. 1922)	5.5	N	12 41	45.109	+ 2.824	+ 5	+ 45 50	0.53	-19.71	+ 3
316	ε Ursae maj.	1.7	Ap	12 50	52.055	+ 2.645	+ 138	+ 56 21	1.12	-19.57	- 11
317	δ Virginis	3.7	Ma	12 51	58.541	+ 3.021	- 317	+ 3 47	17.70	-19.60	- 64
318	α ² Can. Ven.	2.9	Ap	12 52	39.786	+ 2.809	- 199	+ 38 42	24.16	-19.48	+ 43
319	ε Virginis	3.0	K	12 58	35.575	+ 2.987	- 185	+ 11 20	44.55	-19.38	+ 17
320	(θ Virginis)	4.4	A	13 6	13.187	+ 3.104	- 26	- 5 9	18.54	-19.26	- 42
321	β Comae Ber. (43)	4.3	G	13 8	30.903	+ 2.801	- 604	+ 28 14	33.35	-18.28	+ 874
322	(Pi 27)	5.0	K	13 10	27.260	+ 2.723	- 39	+ 40 32	0.60	-19.11	- 3
323	σ Virginis	5.0	Ma	13 13	58.066	+ 3.028	- 9	+ 5 50	55.30	-19.00	+ 9
324	20 Can. Ven.	4.7	F	13 14	19.000	+ 2.693	- 111	+ 40 57	3.63	-19.00	+ 4
325	ζ Ursae maj.	2.4	Ap	13 21	1.842	+ 2.420	+ 147	+ 55 18	3.14	-18.84	- 30
326	α Virginis	1.2	B2	13 21	23.837	+ 3.158	- 28	- 10 47	9.92	-18.83	- 36
327	P.110(69 H.U.m.)	5.4	A	13 25	48.686	+ 2.204	- 113	+ 60 19	2.02	-18.62	+ 34
328	ζ Virginis	3.4	A2	13 31	1.364	+ 3.056	- 191	- 0 13	42.42	-18.45	+ 34
329	(24 Can. Ven.)	4.6	A3	13 31	30.944	+ 2.455	- 120	+ 49 23	0.61	-18.46	+ 15
330	Pi 136	5.0	F	13 31	35.029	+ 2.680	+ 70	+ 37 33	2.27	-18.49	- 19
331	(83 Ursae maj)	4.8	Ma	13 38	0.554	+ 2.277	- 29	+ 55 2	43.96	-18.26	- 13
332	τ Bootis	4.5	F5	13 43	50.433	+ 2.851	- 340	+ 17 48	53.42	-18.00	+ 25
333	η Ursae maj.	1.9	B3	13 44	42.368	+ 2.366	- 121	+ 49 40	19.35	-18.01	- 21
334	(Boss 3584)	5.0	Ma	13 48	36.996	+ 2.647	- 19	+ 34 48	0.84	-17.88	- 37
335	(10) Draconis	4.8	Ma	13 49	19.765	+ 1.753	+ 4	+ 65 4	42.88	-17.81	-
336	η Bootis	2.8	G	13 51	15.389	+ 2.857	- 45	+ 18 45	28.42	-18.10	- 367
337	τ Virginis.	4.3	A2	13 57	58.842	+ 3.052	+ 13	+ 1 53	32.00	-17.48	- 25
338	α Draconis	3.6	A	14 2	26.349	+ 1.624	- 81	+ 64 43	10.40	-17.24	+ 15
339	(Pi 316)	5.4	Mb	14 5	3.081	+ 2.399	+ 4	+ 44 11	46.38	-17.18	- 37
340	12d Bootis	4.8	F5	14 7	6.934	+ 2.737	- 17	+ 25 25	54.86	-17.12	- 72
342	(α Virginis)	4.3	K	14 9	3.118	+ 3.198	+ 5	- 9 56	22.09	-16.82	+ 130
341	4 Ursae min.	5.0	K	14 9	6.123	- 0.262	- 89	+ 77 53	8.71	-16.92	+ 26
343	(α' Bootis)	4.6	A5	14 10	53.078	+ 2.150	+ 62	+ 52 7	25.90	-16.90	- 32
344	(ι Virginis)	4.2	F5	14 12	14.161	+ 3.144	- 11	- 5 39	27.78	-17.23	- 427
345	α Bootis	0.2	K	14 12	22.618	+ 2.736	- 778	+ 19 33	23.25	-18.80	- 2004
346	ι Bootis	4.8	A5	14 13	37.021	+ 2.126	- 157	+ 51 41	55.37	-16.65	+ 86
347	λ Bootis	4.3	A	14 13	38.857	+ 2.282	- 179	+ 46 25	5.55	-16.58	+ 151
348	θ Bootis	4.1	F8	14 22	44.759	+ 2.043	- 258	+ 52 10	58.38	-16.69	- 407
349	ρ Bootis	3.8	K	14 28	43.629	+ 2.586	- 78	+ 30 41	11.74	-15.86	+ 110
349	σ Bootis	3.0	F	14 29	10.761	+ 2.416	- 95	+ 38 37	20.57	-15.81	+ 144

№	Название.	Вел.	Спект. тип.	α_{1928}	Годовое измен.	μ_{α} 0,0001	δ_{1928}			Годовое измен.	μ_{δ} 0,001
							h	m	s		
0051	α Bootis	4.5	F	14 31 32.755	+2.613	+ 149	+ 30	3 25.21	- 15.71	+ 120	
0052	π^1 Bootis	4.9	A	14 37 20.516	+2.819	+ 11	+ 16	43 33.63	- 15.51	+ 2	
0053	ζ Bootis m.	4.4	A2	14 37 42.589	+2.864	+ 38	+ 14	2 10.31	- 15.52	- 27	
0054	(μ Virginis)	4.0	F5	14 39 15.797	+3.160	+ 71	+ 5	20 46.08	- 15.72	- 322	
0055	β Bootis	4.9	K5	14 40 15.503	+2.637	- 8	+ 26	49 58.94	- 15.37	- 21	
0056	ϵ Bootis	2.7	K5	14 41 50.566	+2.620	- 36	+ 27	22 36.44	- 15.25	+ 8	
0057	109 Virginis	3.8	A	14 42 36.420	+3.032	- 76	+ 2	11 42.83	- 15.25	- 38	
0058	ξ Bootis c. g.	4.6	K5p	14 48 3.933	+2.767	+ 92	+ 19	23 55.98	- 15.00	- 106	
0059	(Pi 217)	5.7	K	14 49 36.588	+1.521	- 169	+ 59	35 9.20	- 14.68	+ 125	
0060	β Ursae min.	2.2	K5	14 50 53.814	-0.193	- 73	+ 74	26 58.99	- 14.72	+ 5	
0061	Pi 260	4.9	Mb	14 56 25.980	+0.949	- 124	+ 66	13 7.96	- 14.36	+ 32	
0062	β Bootis	3.6	G5	14 59 14.015	+2.260	- 40	+ 40	40 25.05	- 14.27	- 43	
0063	δ Bootis	4.7	K	15 1 21.605	-2.570	- 133	+ 27	13 38.39	- 14.11	- 20	
0064	δ Bootis	3.5	K	15 12 36.001	-2.419	+ 71	+ 33	34 56.62	- 13.50	- 127	
0065	β Librae	2.7	B8	15 13 7.779	+3.226	- 67	- 9	7 6.47	- 13.38	- 30	
0066	η Cor. Bor. m.	5.6	G	15 20 13.774	+2.478	+ 101	+ 30	32 48.40	- 13.07	- 198	
0067	γ Ursae min.	3.1	A2	15 20 49.773	-0.108	- 26	+ 72	5 24.44	- 12.82	+ 12	
0068	μ Bootis	4.5	F	15 21 46.183	+2.266	- 126	+ 37	37 43.38	- 12.69	+ 78	
0069	ι Draconis	3.5	K	15 23 19.521	+1.333	- 6	+ 59	13 3.67	- 12.65	+ 9	
0070	β Coron Bor.	3.7	Fp	15 24 51.612	-2.474	- 133	+ 29	21 10.26	- 12.49	+ 76	
0071	(ν^1 Bootis)	5.2	K5	15 28 20.541	+2.155	+ 9	+ 41	4 39.29	- 12.34	- 15	
0072	θ Coron. Bor.	4.2	B5	15 30 1.531	-2.418	- 20	+ 31	36 3.80	- 12.23	- 26	
0073	α Coron. Bor.	2.3	A	15 31 38.937	-2.540	+ 90	+ 26	57 21.25	- 12.20	- 102	
0074	ζ^2 Coron. Bor.	5.1	B8	15 36 39.978	+2.260	- 9	+ 36	52 7.22	- 11.75	- 8	
0075	ϵ Serpentes m.	4.5	A2	15 38 20.324	+2.673	- 51	+ 19	54 3.89	- 11.68	- 55	
0076	γ Coron Bor.	3.9	A	15 39 43.129	+2.519	- 75	+ 26	31 21.17	- 11.49	+ 30	
0077	α Serpentes	2.8	K	15 40 43.202	+2.954	+ 90	+ 6	39 3.30	- 11.42	+ 38	
0078	β Serpentes	3.7	A2	15 42 51.827	+2.768	+ 49	+ 15	38 45.43	- 11.35	- 57	
0080	α Serpentes	4.3	K5	15 45 29.881	+2.701	- 32	+ 18	21 45.68	- 11.21	- 101	
0079	(Pi 198)	5.1	A2	15 45 38.832	+0.910	+ 52	+ 62	49 18.08	- 11.16	- 60	
0082	(μ Serpentes)	3.6	A	15 45 51.630	+3.129	- 59	- 3	12 39.96	- 11.11	- 28	
0081	ζ Ursae min.	4.3	A2	15 46 35.587	-2.179	+ 79	+ 78	1 0.32	- 11.02	- 3	
0083	ϵ Serpentes	3.8	A	15 47 13.509	+2.989	+ 83	+ 4	41 35.60	- 10.92	+ 57	
0084	γ Herculis	4.6	F	15 50 11.129	+2.074	+ 399	+ 42	39 7.40	- 10.14	+ 620	
0085	ζ Serpentes	3.9	F8	15 53 7.568	+2.770	+ 212	+ 15	53 43.23	- 11.84	- 1296	
0086	ϵ Coron. Bor.	4.2	K	15 54 36.320	+2.483	- 64	+ 27	5 6.98	- 10.50	- 68	
0087	Groomb 2296	5.0	A5	15 56 4.750	+1.421	- 186	+ 54	57 9.26	- 10.21	+ 107	
0088	θ Draconis	4.1	F8	16 0 32.249	+1.122	- 402	+ 58	45 25.37	- 9.65	+ 337	
0089	β Scorpii	пер.	B1	16 1 14.809	+3.486	- 8	- 19	36 35.26	- 9.96	- 29	
0090	τ Coron. Bor.	4.9	G2	16 6 20.259	+2.193	- 51	+ 36	40 21.82	- 9.23	+ 319	
0091	φ Herculis	4.3	A	16 6 30.021	+1.890	- 21	+ 45	7 21.66	- 9.51	+ 23	
0092	δ Ophiuchi	3.0	Ma	16 10 34.215	+3.142	- 33	- 3	30 37.22	- 9.37	- 153	
0093	(ϵ Ophiuchi)	3.3	K	16 14 30.562	+3.173	+ 53	- 4	31 6.12	- 8.88	+ 32	
0094	τ Herculis	3.9	B5	16 17 34.517	+1.802	- 12	+ 46	29 2.25	- 8.64	+ 30	
0095	σ Serpentes	4.8	K	16 18 25.424	+3.036	- 111	+ 1	11 48.75	- 8.57	+ 43	
0096	γ Herculis	3.8	F	16 18 44.574	+2.646	- 34	+ 19	19 15.71	- 8.54	+ 39	
0097	ξ Coron. Bor.	4.7	G5	16 19 17.468	-2.337	- 74	+ 31	3 28.10	- 8.44	+ 92	
0098	ω Herculis	4.5	Ap	16 22 5.512	+2.768	+ 30	+ 14	11 51.97	- 8.38	- 65	
0099	η Draconis	2.9	G5	16 23 0.743	+0.809	- 25	+ 61	40 36.52	- 8.18	+ 59	
0100	β Herculis	2.8	K	16 27 7.409	+2.578	- 75	+ 21	38 42.98	- 7.93	- 24	

№	Название.	Вел.	Спект. тип.	α_{1928}	Годовое измен.	μ_{α}			δ_{1928}	Годовое измен.	μ_{δ}		
						0.0001	"	"			"	"	"
401	λ Ophiuchi m	3.8	A	16 27 16.777	+3.024	-	32	+ 2 8 24.55	-	7.98	-	8	
402	15 A Draconis	5.0	B8p	16 28 6.938	-0.125	-	45	+68 55 26.15	-	7.79	+	3	
403	σ Herculis	4.2	A	16 31 46.852	+1.934	-	10	+42 35 4.46	-	7.50	+	35	
404	ζ Ophiuchi	2.7	B	16 33 11.516	+3.302	+	8	-10 25 21.90	-	7.40	+	17	
405	ζ Herculis c. g.	3.0	G	16 38 34.306	+2.262	-	364	+31 43 55.53	-	6.59	+	384	
406	η Herculis	3.6	K	16 40 25.602	+2.056	+	29	+39 3 29.26	-	6.92	-	95	
407	Groomb. 2377	4.9	F5	16 43 55.759	+1.137	+	33	+56 54 35.73	-	6.48	+	56	
408	(52 Herculis)	4.9	A2p	16 47 7.672	-1.756	+	21	+46 6 27.37	-	6.34	+	73	
409	ι Ophiuchi	4.3	B8	16 50 36.000	+2.838	-	38	+10 16 57.09	-	6.03	-	46	
410	κ Ophiuchi	3.4	K	16 54 15.544	+2.839	-	199	+ 9 29 8.27	-	5.69	-	14	
411	ϵ Herculis	3.9	A	16 57 32.046	+2.295	-	36	+31 1 52.68	-	5.38	+	21	
412	60 Herculis	4.9	A3	17 2 2.309	+2.781	+	36	+12 50 18.17	-	5.04	+	17	
413	(η Ophiuchi m)	2.6	A	17 6 14.819	+3.439	+	25	-15 38 14.30	-	4.58	+	86	
414	ζ Draconis	3.2	B5	17 8 34.512	+0.171	-	21	+65 48 11.47	-	4.44	+	27	
415	α Herculis	3.5	Mb	17 11 21.808	+2.735	-	8	+14 28 15.89	-	4.20	+	20	
416	δ Herculis	3.2	A	17 12 4.407	+2.464	-	18	+24 55 22.48	-	4.33	-	163	
417	π Herculis	3.4	K2	17 12 32.319	+2.089	-	21	+36 53 21.29	-	4.13	-	17	
418	69 e Herculis	4.8	A	17 15 11.192	-2.068	-	34	+37 21 57.03	-	3.85	+	53	
419	θ Ophiuchi	3.4	B3	17 17 35.161	+3.683	-	1	-24 55 45.51	-	3.72	-	31	
420	ρ Herculis	4.5	A	17 21 11.893	+2.069	-	32	+37 12 39.79	-	3.38	-	4	
421	(141 g Ophiuchi)	4.6	F	17 22 48.586	+3.183	-	62	- 5 1 27.80	-	3.29	-	49	
422	λ Herculis	4.5	K5	17 27 49.660	+2.424	+	11	+26 9 49.54	-	2.80	+	14	
423	β Draconis	3.0	G	17 28 48.304	+1.355	-	15	+52 21 14.27	-	2.72	+	1	
424	α Ophiuchi	2.1	A5	17 31 36.490	+2.784	+	81	+12 36 39.91	-	2.72	-	233	
425	ω Draconis	4.9	F5	17 37 22.208	-0.353	+	14	+68 47 29.19	-	1.65	+	327	
426	ι Herculis	3.8	B8	17 37 25.874	+1.693	-	8	+46 2 37.45	-	1.98	-	2	
427	β Ophiuchi	2.9	K	17 39 54.898	+2.963	-	28	+ 4 35 45.29	-	1.61	+	151	
428	ψ Draconis	4.9	F5	17 43 12.897	-1.071	+	37	+72 11 4.65	-	1.73	-	267	
429	μ Herculis	3.5	G5	17 43 38.360	+2.347	-	242	+27 45 41.95	-	2.19	-	751	
430	γ Ophiuchi	3.7	A	17 44 16.893	+3.008	-	18	+ 2 43 58.60	-	1.45	-	78	
432	ϵ Draconis	3.9	K	17 52 16.998	+1.037	+	118	+56 53 0.32	-	0.60	+	76	
431	35 Draconis	5.0	F5	17 52 40.266	-2.687	+	133	+76 58 24.37	-	0.39	+	244	
433	θ Herculis	4.0	K	17 53 46.993	+2.057	+	3	+37 15 32.59	-	0.55	+	2	
434	γ Draconis	2.4	K5	17 54 56.026	+1.393	-	9	+51 29 47.81	-	0.47	-	26	
435	ϵ Herculis	3.8	K	17 54 57.985	+2.331	+	66	+29 15 15.89	-	0.47	-	27	
436	(ν Ophiuchi)	3.5	K	17 55 3.720	+3.302	-	8	- 9 45 58.37	-	0.56	-	118	
437	67 Ophiuchi	3.9	B5p	17 57 2.310	+3.004	+	1	+ 2 56 1.04	-	0.28	-	14	
438	70 Ophiuchi c.g.	4.1	K	18 1 48.971	+3.031	+	171	+ 2 30 53.44	-	0.95	-	1101	
439	72 Ophiuchi	3.7	A2	18 3 56.133	+2.844	-	42	+ 9 33 8.37	+	0.42	+	81	
440	σ Herculis	3.8	A	18 4 44.008	+2.340	+	2	+28 45 5.03	+	0.41	+	3	
441	(Groomb. 2517)	5.1	G5	18 5 18.669	+1.809	+	13	+43 27 6.16	+	0.40	-	64	
442	(104 A Herculis)	5.0	Ma	18 9 11.591	+2.258	-	6	+31 23 10.39	+	0.81	+	16	
443	μ Sagittarii	4.0	B8p	18 9 27.445	+3.588	+	3	-21 4 45.36	+	0.82	-	3	
444	36 Draconis	5.0	F5	18 13 28.892	-0.346	+	532	+64 22 21.71	-	1.21	+	30	
445	(κ Lyrae)	4.3	K	18 17 20.254	+2.102	-	18	+36 1 51.43	+	1.54	+	31	
446	(η Serpentis)	3.4	K	18 17 35.004	+3.103	-	375	- 2 55 8.21	+	0.83	-	70	
447	109 Herculis	3.9	K	18 20 37.757	+2.556	+	139	+21 44 8.12	+	1.53	-	261	
448	φ Draconis m.	4.2	Ap	18 21 47.552	-0.858	-	9	+71 17 59.23	+	1.94	+	35	
449	λ Draconis	3.7	F8	18 22 21.413	-1.080	+	1174	+72 42 7.28	+	1.59	-	363	
450	39 b Draconis	4.8	A2	18 22 51.562	+0.877	-	43	+58 45 30.47	+	2.05	+	58	

№	Название.	Вел.	Спек. тип.	1918			Годовое измен.	μ_{α} 0,0001	1928			Годовое измен.	μ_{δ} 0,001
				h	m	s			o	r	"		
451	λ Sagittarii	2.9	K	18 23 31.650	+3.702	- 35	-25 27 47.19	+ 1.86	- 191				
452	(Boss 4702)	5.4	B8	18 30 4.724	+2.292	- 1	+30 29 55.79	+ 2.61	- 7				
453	α Lyrae	0.1	A	18 34 30.038	+2.031	+ 173	+38 42 56.27	+ 3.28	+ 280				
454	110 Hercules	4.3	F5	18 42 33.737	+2.581	- 14	+20 28 33.98	+ 3.35	- 344				
455	111 Hercules	4.4	A3	18 43 50.424	+2.648	+ 44	+18 6 0.11	+ 3.91	+ 106				
456	β Lyrae	пер.	B2p	18 47 25.284	+2.215	+ 3	+33 16 40.84	+ 4.11	- 7				
457	\circ Draconis	4.8	K	18 50 8.409	+0.887	+ 108	+59 17 59.64	+ 4.37	+ 24				
458	θ^1 Serpentina	4.5	A5	18 52 38.407	+2.982	+ 31	+ 4 6 30.62	+ 4.58	+ 27				
459	R Lyrae	4.3	Mb	18 53 8.661	+1.826	+ 26	+43 51 0.91	+ 4.67	+ 72				
460	\circ Draconis	4.9	K	18 55 17.183	-0.728	+ 109	+71 12 4.47	+ 4.83	+ 41				
461	γ Lyrae	3.3	A	18 56 14.996	+2.244	- 2	+32 35 22.72	+ 4.86	- 7				
462	ϵ Aquilae	4.2	K	18 56 21.230	-2.722	- 44	+14 58 9.28	+ 4.79	- 77				
463	ζ Aquilae	3.0	A	19 2 6.036	-2.757	- 6	+13 45 18.42	+ 5.26	- 102				
464	(λ Aquilae)	3.6	A	19 2 25.687	+3.184	- 17	+ 4 59 30.83	+ 5.29	- 90				
465	π Sagittarii	3.0	F2	19 5 28.977	+3.568	- 4	-21 8 22.57	+ 5.60	- 40				
466	(η Lyrae)	4.5	B3	19 11 18.422	+2.042	0	+39 1 15.99	+ 6.13	- 3				
467	δ Draconis	3.2	K	19 12 32.625	+0.019	+ 172	+67 32 5.47	+ 6.33	+ 90				
468	θ Lyrae	4.5	K	19 13 52.085	+2.082	- 9	+38 0 16.09	+ 6.34	- 3				
469	κ Cygni	4.0	K	19 15 26.380	-1.387	+ 70	+53 14 5.66	+ 6.59	+ 117				
470	τ Draconis	4.6	K	19 16 56.902	-1.143	- 321	+73 13 20.26	+ 6.72	+ 109				
471	δ Aquilae	3.4	F	19 21 52.096	+3.025	+ 169	+ 2 58 11.50	+ 7.08	+ 78				
473	β^1 Cygni	3.2	Kp	19 27 49.086	+2.419	- 2	+27 48 26.33	+ 7.48	- 9				
472	ϵ Cygni	3.9	A2	19 27 53.458	+1.513	+ 20	+51 34 32.21	+ 7.62	+ 124				
474	δ Cygni	4.3	B3	19 29 5.728	+2.229	- 2	+34 17 55.90	+ 7.59	- 3				
475	(Groomb 2893)	5.2	K	19 34 24.160	+1.860	- 86	+44 32 4.26	+ 7.91	- 111				
476	θ Cygni	4.6	F5	19 34 30.605	+1.608	- 30	+50 3 12.59	+ 8.28	+ 247				
477	(ν Cygni)	4.8	K	19 36 31.944	+2.369	- 2	+29 59 10.54	+ 8.22	+ 35				
478	15 Cygni	5.0	K	19 41 40.754	-2.163	+ 57	+37 10 46.16	+ 8.63	+ 34				
479	δ Cygni	3.0	A	19 42 43.494	+1.876	+ 50	+44 57 14.72	+ 8.72	+ 37				
480	γ Aquilae	2.8	K2	19 42 50.202	+2.853	+ 9	+10 26 11.64	+ 8.68	- 4				
481	δ Sagittae	3.8	Map	19 44 10.616	+2.675	+ 1	+18 21 19.72	+ 8.80	+ 9				
482	α Aquilae	0.9	A5	19 47 16.233	+2.927	+ 360	+ 8 40 36.93	+ 9.42	+ 381				
483	ϵ Draconis	4.0	K	19 48 25.570	-0.194	+ 158	+70 5 4.39	+ 9.17	+ 32				
484	η Aquilae	пер.	G	19 48 48.343	+3.056	+ 5	+ 0 49 10.52	+ 9.14	- 9				
485	β Aquilae	3.9	K	19 51 46.579	+2.947	+ 24	+ 6 13 32.47	+ 8.91	- 483				
486	(η Cygni)	4.0	K	19 53 36.267	+2.250	- 28	+34 53 27.57	+ 9.49	- 39				
487	(P1 371)	5.1	K	19 54 33.093	+1.147	- 9	+58 39 10.96	+ 9.58	- 24				
488	γ Sagittae	3.7	K5	19 55 33.277	+2.667	+ 42	+19 17 43.27	+ 9.69	+ 16				
489	15 Vulpeculae	4.7	A5	19 58 8.072	-2.470	+ 39	+27 33 12.77	+ 9.88	+ 6				
490	(26 e Cygni)	5.3	K	19 59 19.376	+1.698	+ 19	+49 54 12.38	+ 9.97	- 2				
491	(28 b ² Cygni)	4.8	B2	20 6 45.129	+2.227	- 4	+36 37 35.97	+10.54	+ 9				
492	θ Aquilae	3.4	A	20 7 35.438	+3.096	+ 21	- 1 2 10.57	+10.59	+ 3				
494	σ^1 Cygni	5.0	A2	20 11 2.257	+1.886	+ 14	+46 35 49.01	+10.83	- 9				
493	κ Cephei	4.4	B9	20 11 20.820	-1.985	+ 37	+77 29 43.19	+10.90	+ 26				
495	33 Cygni	4.3	A3	20 11 43.499	+1.396	+ 73	+56 20 48.82	+10.98	+ 82				
496	α^2 Capricorni	3.8	G5	20 14 3.680	+3.330	+ 40	-12 46 9.29	+11.07	+ 5				
497	γ Cygni	2.3	F8p	20 19 38.622	+2.153	+ 1	+40 1 31.09	+11.46	- 3				
498	41 Cygni	4.1	F5	20 26 27.200	-2.451	+ 7	+30 7 38.31	+11.95	- 4				
499	θ Cephei	4.3	A	20 28 22.615	+1.010	+ 66	+62 45 5.88	+12.07	- 18				
500	ϵ Delphini	4.0	B5	20 29 46.397	+2.866	+ 6	+11 3 26.72	+12.16	- 26				

№	Название.	Вел.	Спект. тип.	α_{1928}			Годовое измен.	μ_{α} 0,0001	δ_{1928}			Годовое измен.	μ_{δ} 0,001
				h	m	s			o	'	"		
501	(47 Cygni)	4.8	K	20 31	6.114	+2.333	-	2	+35 0	11.65	+12.26	-	14
502	ζ Delphini	4.7	A	20 31	56.515	+2.805	+	26	+14 25	28.78	+12.33	+	4
503	β Delphini m	3.7	F5	20 34	10.356	+2.812	+	74	+14 20	36.92	+12.45	-	37
504	29 Vulpeculae	4.8	A	20 35	18.312	+2.679	+	41	+20 56	50.52	+12.56	-	1
505	α Delphini	3.9	B8	20 36	17.618	+2.786	+	44	+15 39	24.96	+12.62	-	8
506	α Cygni	1.3	A2	20 38	58.602	+2.045	-	0	+45 1	20.10	+12.81	-	1
507	(δ Delphini)	4.5	A2	20 40	5.839	+2.801	-	16	+14 48	54.59	+12.84	-	51
508	ϵ Cygni	2.6	K	20 43	17.845	+2.427	+	288	+33 41	58.57	+13.43	+	323
510	γ^2 Delphini	4.5	G5	20 43	19.074	+2.783	-	23	+15 51	49.36	+12.90	-	204
509	Pi 332	4.6	G	20 43	33.935	+1.490	-	82	+57 19	14.99	+12.89	-	232
512	(ϵ Aquarii)	3.8	A	20 43	46.790	+3.248	+	19	- 9 45	37.68	+13.10	-	34
511	η Cephei	3.6	K	20 43	49.683	+1.222	+	131	+61 33	31.35	+13.96	+	821
513	λ Cygni m	4.5	B5	20 44	36.166	+2.336	+	3	+36 13	30.79	+13.18	-	11
514	ν Cygni	4.0	A	20 54	29.249	+2.236	+	4	+40 53	20.37	+13.80	-	24
515	ξ Cygni	3.9	K5	21 2	18.645	+2.181	+	6	+43 38	23.24	+14.31	-	3
516	γ Equulei	4.8	Fp	21 6	50.412	+2.918	+	36	- 9 50	25.73	+14.43	-	161
517	ζ Cygni	3.4	K	21 9	52.252	+2.553	-	2	+29 54	50.56	+14.71	-	59
518	τ Cygni	3.8	F	21 11	54.917	+2.394	+	132	+37 44	13.89	+15.31	+	427
519	α Equulei	4.1	A8p	21 12	13.514	+2.999	+	38	- 4 56	57.17	+14.82	-	87
520	σ Cygni	4.3	B8p	21 14	35.163	+2.355	-	4	+39 5	31.43	+15.04	-	6
521	ρ Cygni	4.4	B3p	21 14	57.411	+2.467	+	16	+34 35	36.37	+15.05	-	21
522	α Cephei	2.6	A5	21 16	51.759	+1.433	+	218	+62 16	48.31	+15.22	+	50
523	1 Pegasi	4.2	K	21 18	45.348	+2.774	+	72	+19 29	43.80	+15.34	+	58
524	(Groomb. 3441)	5.9	K	21 19	30.205	+2.083	+	40	+49 4	46.82	+15.39	+	63
525	ζ Carpicorni	3.9	G5p	21 22	33.605	+3.428	-	0	-22 43	26.99	+15.52	+	23
526	β Cephei	3.3	B1	21 27	44.317	+0.781	+	22	+70 14	39.79	+15.79	+	5
527	β Aquarii	3.1	G	21 27	46.190	+3.159	+	10	- 5 53	19.77	+15.77	-	7
528	ρ Cygni	4.2	K	21 31	16.240	+2.255	-	26	+45 16	22.10	+15.87	-	95
529	72 Cygni	5.0	K	21 31	49.951	+2.449	+	98	+38 12	37.48	+16.09	+	91
530	(9 Cephei)	4.9	B2	21 35	59.391	+1.611	+	7	+61 45	24.30	+16.22	+	2
532	ϵ Pegasi	2.5	K	21 40	38.977	+2.947	+	17	+ 9 32	38.57	+16.45	-	1
531	11 Cephei	4.8	K	21 40	52.416	+0.886	+	241	+70 58	46.68	+16.56	+	98
533	α Pegasi m	4.3	F5	21 41	23.001	+2.716	+	24	+25 18	47.55	+16.49	+	2
534	ν Cygni	4.5	A2p	21 43	22.257	+1.731	-	3	+60 47	17.14	+16.58	-	0
535	81 π^2 Cygni	4.3	B3	21 44	7.859	+2.215	+	4	+48 58	32.70	+16.62	-	3
536	(14 Pegasi)	5.0	A	21 46	39.510	+2.653	+	20	+29 50	17.62	+16.72	-	27
537	σ Aquarii	4.7	B5	21 59	35.433	+3.103	+	9	- 2 30	13.18	+17.33	-	11
538	(Groomb 3655)	5.5	A	22 0	2.214	+2.420	-	10	+44 18	6.96	+17.32	-	37
539	α Aquarii	3.2	G	22 2	5.187	+3.081	+	9	- 0 40	13.23	+17.44	-	6
540	τ Pegasi	4.0	F5	22 3	39.463	+2.792	+	220	+24 59	33.60	+17.53	+	19
541	θ Pegasi	3.7	A	22 6	34.077	+3.026	+	184	+ 5 50	34.78	+17.67	+	34
542	π Pegasi	4.4	F5	22 6	47.241	+2.663	-	10	+32 49	27.22	+17.62	-	23
544	ζ Cephei	3.6	K	22 8	21.197	+2.079	+	13	+57 50	45.15	+17.72	+	7
543	24 Cephei	5.0	K	22 8	25.651	+1.156	-	62	+71 59	10.49	+17.72	+	4
545	Pi 36	4.6	K	22 10	47.174	+2.574	+	42	+39 21	25.42	+17.82	+	5
546	(ϵ Cephei)	4.2	A5	22 12	22.891	+2.207	+	546	+56 41	2.42	+17.92	+	45
547	(θ Aquarii)	4.3	K	22 13	2.128	+3.166	+	74	- 8 8	32.88	+17.88	-	19
548	γ Aquarii	4.0	A	22 17	56.269	+3.099	+	82	- 1 45	2.87	+18.10	+	9
549	31 Pegasi	4.9	B3p	22 17	58.384	+2.952	+	3	+11 50	30.30	+18.10	+	5
550	β Lacertae	4.6	K	22 20	43.496	+2.356	-	16	+51 52	4.03	+18.00	-	190

№	Название.	Вел.	Спект. тип.	α_{1928}	Годовое измен.	μ_{α} 0,0001	δ_{1928}			Годовое измен.	μ_{δ} 0,001
							h	m	s		
551	ζ^2 Aquarii	4.4	F5	22 25 7.585	+ 3.090	+ 138	- 0	23	21.58	+ 18.40	+ 45
552	δ Cephei	пер.	G	22 26 29.604	+ 2.224	+ 15	+58	2	46.45	+ 18.40	+ 3
553	γ Lacertae	3.8	A	22 28 19.285	+ 2.469	+ 145	+49	54	42.46	+ 18.47	+ 13
554	(η Aquarii)	4.1	B8	22 31 39.430	+ 3.083	+ 60	- 0	29	21.07	+ 18.52	+ 54
555	10 Lacertae	4.9	Oe5	22 36 1.622	+ 2.690	0	+38	40	29.95	+ 18.70	- 9
556	(11 Lacertae)	4.6	K	22 37 21.208	+ 2.628	+ 90	+43	53	59.71	+ 18.76	+ 9
557	ζ Pegasi	3.6	B8	22 37 52.220	+ 2.992	+ 52	+10	27	17.84	+ 18.76	- 12
558	η Pegasi	3.1	G	22 39 37.452	+ 2.810	+ 8	+29	50	88.57	+ 18.79	- 35
559	λ Pegasi	4.1	K	22 43 3.659	+ 2.888	+ 42	+23	11	10.36	+ 18.91	- 14
560	μ Pegasi	3.7	K	22 46 31.551	+ 2.894	+ 107	+24	18	15.16	+ 18.98	- 45
561	ϵ Cephei	3.7	K	22 47 6.719	+ 2.131	- 110	+65	49	17.24	+ 18.92	- 121
562	λ Aquarii	3.8	Ma	22 48 51.551	+ 3.130	+ 3	- 7	57	47.63	+ 19.12	+ 36
563	(Groomb. 3933)	5.2	B3	22 53 53.325	+ 2.647	+ 16	+48	17	56.02	+ 19.20	- 15
564	σ Androm.	3.6	B3	22 58 36.238	+ 2.757	+ 21	+41	56	18.82	+ 19.31	- 21
565	β Pegasi	2.6	Mb	23 0 16.872	+ 2.906	+ 144	+27	41	30.34	+ 19.50	+ 133
566	α Pegasi	2.6	A	23 1 10.363	+ 2.987	+ 40	+14	49	2.67	+ 19.34	- 45
567	55 Pegasi	4.7	K	23 3 22.579	+ 3.021	+ 5	+ 9	1	12.46	+ 19.42	- 14
568	(1 Cassiopeiae)	4.9	B	23 3 33.820	+ 2.531	+ 13	+ 9	1	49.67	+ 19.44	+ 6
569	π Cephei	4.6	G5	23 5 36.147	+ 1.902	+ 31	+74	59	53.14	+ 19.46	- 25
570	(7 Androm.)	4.6	F	23 9 14.763	+ 2.744	+ 95	+49	0	45.28	+ 19.65	+ 96
571	γ Piscium	3.8	K	23 13 25.932	+ 3.109	+ 502	+ 2	53	18.73	+ 19.65	+ 20
572	τ Pegasi	4.6	A5	23 17 4.241	+ 2.967	+ 20	+23	20	44.80	+ 19.67	- 21
573	(64 Pegasi)	5.4	A	23 18 23.801	+ 2.926	+ 7	+31	25	2.87	+ 19.69	- 21
574	σ Pegasi	4.6	G	23 21 46.975	+ 2.992	+ 137	+23	0	26.31	+ 19.79	+ 28
575	70 q Pegasi	4.7	K	23 25 30.688	+ 3.033	+ 38	+12	21	46.94	+ 19.84	+ 27
576	Pi 101	4.9	B3	23 26 42.001	+ 2.764	+ 31	+58	9	7.02	+ 19.85	+ 13
577	(72 Pegasi)	5.2	K	23 30 22.625	+ 2.973	+ 40	+30	55	39.98	+ 19.86	- 12
578	λ Androm.	4.0	K8	23 34 1.993	+ 2.930	+ 150	+46	4	4.46	+ 19.49	- 421
579	ϵ Androm.	4.3	B5	23 34 35.939	+ 2.938	+ 24	+42	52	9.30	+ 19.92	- 3
580	ϵ Piscium	4.3	F	23 36 14.754	+ 3.084	+ 248	+ 5	14	8.89	+ 19.50	- 439
581	\dagger Cephei	3.4	K	23 36 22.680	+ 2.447	- 182	+77	13	49.87	+ 20.10	+ 153
582	α Androm.	4.3	A	23 36 51.326	+ 2.950	+ 73	+43	56	6.02	+ 19.92	- 24
583	(ϕ Androm.)	5.1	K	23 42 27.600	+ 2.968	+ 12	+46	1	13.50	+ 19.98	- 18
584	ρ Cassiopeiae	4.8	F8p	23 50 46.607	+ 2.989	- 6	+57	5	55.86	+ 20.03	+ 5
585	ψ Pegasi	4.8	Ma	23 54 5.153	+ 3.054	- 31	+24	44	27.73	+ 20.00	- 37
586	ω Piscium	4.0	F5	23 55 36.766	+ 3.080	+ 101	+ 6	27	52.79	+ 19.93	- 109

Название.	Вел.	Спектр.-тип.	α_{1928}		Годовое измен.	μ_{α} 0 ^h .001	δ_{1928}	Годовое измен.	μ_{δ} 0 ^m .001
			h m s	s					
(Br. 74)	5.6	A2	0 48 0.57	+ 5.48	+ 32	+83 19 1.74	+ 19.60	- 10	
43 H. Cephei	4.5	K	0 58 34.69	+ 7.84	+ 79	85 52 18.48	+ 19.39	- 6	
α Ursae min.	2.1	F8	1 35 48.31	+ 32.10	+156	88 55 5.98	+ 18.31	- 1	
(Br. 344)	5.9	K	2 37 16.78	+ 8.52	+ 9	81 8 44.87	+ 15.43	- 69	
(Br. 396)	6.0	A	3 0 24.90	+ 9.17	- 20	81 11 42.12	+ 14.15	+ 2	
(Br. 402)	5.8	F5	3 14 56.64	+ 13.88	+ 50	+84 39 38.88	+ 13.08	-133	
(49 H. Cephei)	5.2	F8p	3 57 53.59	+ 9.95	- 6	80 30 15.45	+ 10.18	+ 5	
(Gr. 766)	5.4	B3	4 11 20.12	+ 13.74	- 1	83 38 15.92	+ 9.16	+ 14	
(Gr. 774)	5.7	G5	4 14 0.80	+ 13.04	- 29	83 10 20.03	+ 9.04	+110	
(Gr. 779)	5.6	K	4 14 25.54	+ 10.35	+ 3	80 39 22.79	+ 8.89	- 18	
(Gr. 856)	5.3	K	4 46 48.16	+ 11.16	- 1	+81 4 44.35	+ 6.32	+ 31	
51 H. Cephei	5.3	Ma	7 7 23.67	+ 28.88	- 49	87 9 52.69	- 5.86	- 36	
(25 H. Camelop.)	5.1	Mb	7 16 2.16	+ 12.74	+ 2	82 33 18.85	- 6.58	- 45	
1 H. Draconis	4.6	K	9 26 57.96	+ 8.70	- 4	81 38 48.61	- 15.77	- 25	
(29 H. Camelop.)	5.6	A	10 19 27.26	+ 9.00	- 88	84 37 10.18	- 18.19	- 40	
(30 H. Camelop.)	5.3	F5	10 22 27.57	+ 7.47	- 44	+82 55 34.26	- 18.23	+ 25	
(32 ^h H. Camelop.)	5.3	A2	12 48 35.41	+ 0.47	- 18	83 48 15.06	- 19.58	+ 15	
(Gr. 2196)	5.7	F	14 55 3.97	- 4.16	+ 90	82 48 31.13	- 14.72	-241	
ϵ Ursae min.	4.4	G5	16 53 16.94	- 6.21	+ 7	82 9 29.97	- 5.76	- 1	
ζ Ursae min.	4.4	A	17 55 27.00	+ 19.49	+ 19	86 36 48.96	- 0.36	+ 49	
(24 Ursae min.)	5.9	A3	17 57 22.61	- 22.32	+ 68	+86 59 45.19	- 0.24	+ 8	
λ Ursae min.	6.6	Mā	18 49 13.89	- 74.41	-113	89 1 55.61	+ 4.23	+ 7	
(75 Draconis)	5.6	K	20 32 50.09	- 3.68	+ 12	81 10 39.08	+ 12.41	+ 13	
76 Draconis	6.0	A	20 47 54.43	- 4.23	+ 16	82 15 57.93	+ 13.43	+ 26	
(Br. 2749)	5.6	K	20 50 54.59	- 2.67	- 10	80 16 59.47	+ 13.57	- 30	
(32 H. Cephei)	5.4	A	22 19 17.05	- 4.53	+ 52	+85 44 47.66	+ 18.19	+ 50	
(34 H. Cephei)	5.0	K	22 47 49.07	- 0.17	+ 18	82 46 18.90	+ 19.11	+ 54	
(36 H. Cephei)	5.0	K	22 55 3.10	- 0.40	+ 64	83 57 39.61	+ 19.28	+ 31	
(39 H. Cephei)	5.6	A	23 27 42.72	- 0.31	+ 98	86 54 37.22	+ 19.86	+ 18	

День.	1) δ Ceti.			2) α Andromedae.			3) β Cassiopeiae.			4) γ Pegasi.			5) ϵ Ceti.								
	IX 21			IX 22			IX 22			IX 23			IX 25								
	h	m	°	h	m	°	h	m	°	h	m	°	h	m	°						
1928	0 0		-17 43	0 4		+28 41	0 5		+58 44	0 9		+14 46	0 15		-9 13						
Янв. 0	1.965	86.67	38.450	36.64	17.951	79.70	30.350	57.12	44.487	33.81	10	1.854	87.00	38.310	35.75	17.630	79.01	30.235	56.31	44.379	34.34
20	1.753	87.11	38.176	34.60	17.321	77.81	30.124	55.39	44.276	34.73	30	1.665	86.98	38.053	33.24	17.035	76.13	30.024	54.40	44.182	34.95
Февр. 9	1.594	86.61	37.949	31.73	16.785	74.06	29.938	53.37	44.102	34.99	19	1.544	85.99	37.869	30.13	16.584	71.68	29.872	52.37	44.041	34.83
29	1.520	85.13	37.820	28.51	16.442	69.08	29.832	51.44	44.004	34.46	29	1.528	84.03	37.807	26.96	16.368	66.38	29.824	50.63	43.996	33.86
Март 10	1.528	84.03	37.807	26.96	16.368	66.38	29.824	50.63	43.996	33.86	20	1.570	82.68	37.836	25.55	16.370	63.70	29.853	50.01	44.021	33.02
20	1.570	82.68	37.836	25.55	16.370	63.70	29.853	50.01	44.021	33.02	30	1.650	81.10	37.910	24.35	16.451	61.15	29.921	49.62	44.083	31.95
30	1.650	81.10	37.910	24.35	16.451	61.15	29.921	49.62	44.083	31.95	9	1.769	79.32	38.030	23.43	16.612	58.82	30.030	49.49	44.185	30.64
Апр. 9	1.769	79.32	38.030	23.43	16.612	58.82	30.030	49.49	44.185	30.64	19	1.929	77.36	38.197	22.84	16.850	56.82	30.182	49.67	44.327	29.11
29	2.129	75.25	38.409	22.61	17.160	55.22	30.376	50.16	44.509	27.38	9	2.365	73.02	38.661	22.78	17.533	54.08	30.607	50.97	44.728	25.47
Май 9	2.365	73.02	38.661	22.78	17.533	54.08	30.607	50.97	44.728	25.47	19	2.634	70.74	38.947	23.33	17.959	53.45	30.870	52.09	44.981	23.44
29	2.929	68.45	39.262	24.27	18.425	53.85	31.161	53.49	45.262	21.31	8	3.245	66.21	39.596	25.58	18.918	53.78	31.472	55.14	45.564	19.14
Июнь 8	3.245	66.21	39.596	25.58	18.918	53.78	31.472	55.14	45.564	19.14	18	3.573	64.07	39.940	27.22	19.425	54.72	31.794	57.01	45.880	16.99
28	3.904	62.08	40.286	29.14	19.931	56.16	32.119	59.03	46.203	14.90	8	4.230	60.31	40.624	31.30	20.423	58.06	32.439	61.17	46.522	12.94
Июль 8	4.230	60.31	40.624	31.30	20.423	58.06	32.439	61.17	46.522	12.94	18	4.545	58.78	40.947	33.64	20.889	60.36	32.746	63.36	46.831	11.15
28	4.837	57.53	41.246	36.11	21.318	63.02	33.032	65.55	47.122	9.58	7	5.102	56.61	41.515	38.64	21.701	65.97	33.292	67.70	47.388	8.25
Авг. 7	5.102	56.61	41.515	38.64	21.701	65.97	33.292	67.70	47.388	8.25	17	5.334	56.00	41.750	41.18	22.031	69.14	33.520	69.75	47.624	7.20
17	5.334	56.00	41.750	41.18	22.031	69.14	33.520	69.75	47.624	7.20	27	5.529	55.72	41.946	48.68	22.302	72.47	33.713	71.66	47.825	6.45
27	5.529	55.72	41.946	48.68	22.302	72.47	33.713	71.66	47.825	6.45	6	5.684	55.76	42.101	46.10	22.511	75.90	33.868	73.41	47.989	5.99
Сент. 6	5.684	55.76	42.101	46.10	22.511	75.90	33.868	73.41	47.989	5.99	16	5.797	56.11	42.216	48.39	22.656	79.34	33.985	74.97	48.115	5.82
16	5.797	56.11	42.216	48.39	22.656	79.34	33.985	74.97	48.115	5.82	25	5.869	56.71	42.290	50.51	22.737	82.74	34.064	76.31	48.202	5.92
25	5.869	56.71	42.290	50.51	22.737	82.74	34.064	76.31	48.202	5.92	5	5.903	57.53	42.325	52.42	22.756	86.03	34.107	77.43	48.252	6.25
Окт. 5	5.903	57.53	42.325	52.42	22.756	86.03	34.107	77.43	48.252	6.25	15	5.902	58.51	42.326	54.11	22.715	89.13	34.118	78.32	48.268	6.78
15	5.902	58.51	42.326	54.11	22.715	89.13	34.118	78.32	48.268	6.78	25	5.870	59.61	42.295	55.54	22.619	91.99	34.099	78.99	48.254	7.46
25	5.870	59.61	42.295	55.54	22.619	91.99	34.099	78.99	48.254	7.46	4	5.812	60.75	42.236	56.70	22.471	94.53	34.056	79.44	48.215	8.26
Нояб. 4	5.812	60.75	42.236	56.70	22.471	94.53	34.056	79.44	48.215	8.26	14	5.733	61.88	42.154	57.56	22.277	96.70	33.991	79.67	48.154	9.12
14	5.733	61.88	42.154	57.56	22.277	96.70	33.991	79.67	48.154	9.12	24	5.638	62.96	42.052	58.12	22.043	98.44	33.909	79.68	48.076	9.99
24	5.638	62.96	42.052	58.12	22.043	98.44	33.909	79.68	48.076	9.99	4	5.533	63.93	41.934	58.36	21.775	99.71	33.814	79.50	47.984	10.85
Дек. 4	5.533	63.93	41.934	58.36	21.775	99.71	33.814	79.50	47.984	10.85	14	5.421	64.75	41.806	58.28	21.482	100.46	33.709	79.12	47.884	11.65
14	5.421	64.75	41.806	58.28	21.482	100.46	33.709	79.12	47.884	11.65	24	5.308	65.40	41.671	57.89	21.171	100.68	33.598	78.57	47.779	12.36
24	5.308	65.40	41.671	57.89	21.171	100.68	33.598	78.57	47.779	12.36	34	5.197	65.85	41.533	57.19	20.853	100.34	33.485	77.87	47.673	12.96
34	5.197	65.85	41.533	57.19	20.853	100.34	33.485	77.87	47.673	12.96	Ср. место	3.146	72.74	39.711	34.56	19.462	69.55	31.535	59.66	45.580	22.84
Ср. место	3.146	72.74	39.711	34.56	19.462	69.55	31.535	59.66	45.580	22.84	Eichelb.	+ 4	+ 75	- 87	+ 23	- 101	+ 26	- 48	+ 67	- 23	+ 59

День.	9) χ Cassio- peiae. IX 28		10) ζ Cassio- peiae. IX 29		11) π Andro- medae. IX 29		12) ε Andro- medae. IX 30		13) δ Andro- medae. IX 30	
	h	m	h	m	h	m	h	m	h	m
1928	0 28	+62 31	0 32	+53 29	0 32	+33 19'	0 34	+28 55	0 35	+30 27
Янв. 0	52.21	75.99	55.710	72.46	60.680	26.96	43.665	18.28	27.280	64.99
10	51.84	75.68	55.444	72.04	60.525	26.31	43.521	17.61	27.133	64.34
20	51.46	74.81	55.178	71.14	60.369	25.35	43.377	16.68	26.985	63.41
30	51.10	73.43	54.924	69.79	60.219	24.13	43.238	15.52	26.843	62.25
Февр. 9	50.78	71.60	54.693	68.05	60.084	22.69	43.112	14.19	26.714	60.89
19	50.51	69.39	54.496	65.98	59.970	21.10	43.005	12.75	26.605	59.40
29	50.30	66.90	54.344	63.69	59.885	19.48	42.926	11.25	26.524	57.85
Март 10	50.16	64.23	54.247	61.27	59.837	17.76	42.881	9.77	26.477	56.31
20	50.11	61.51	54.212	58.83	59.831	16.16	42.876	8.39	26.471	54.86
30	50.14	58.84	54.246	56.48	59.872	14.73	42.916	7.19	26.510	53.58
Апр. 9	50.27	56.34	54.351	54.30	59.964	13.52	43.004	6.22	26.598	52.52
19	50.48	54.10	54.526	52.40	60.106	12.60	43.140	5.54	26.736	51.75
29	50.78	52.22	54.769	50.85	60.297	12.03	43.324	5.18	26.921	51.32
Май 9	51.16	50.76	55.074	49.72	60.534	11.88	43.552	5.19	27.151	51.25
19	51.60	49.77	55.431	49.04	60.812	12.02	43.819	5.57	27.421	51.55
29	52.09	49.29	55.832	48.84	61.124	12.61	44.118	6.32	27.724	52.24
Июнь 8	52.62	49.35	56.264	49.14	61.460	13.59	44.442	7.43	28.052	53.29
18	53.17	49.93	56.716	49.92	61.812	14.93	44.783	8.86	28.397	54.68
28	53.73	51.02	57.176	51.17	62.172	16.59	45.130	10.58	28.749	56.38
Июль 8	54.29	52.58	57.632	52.86	62.528	18.54	45.475	12.55	29.099	58.34
18	54.82	54.60	58.071	54.93	62.873	20.72	45.810	14.71	29.438	60.51
28	55.32	57.01	58.485	57.34	63.199	23.09	46.125	17.02	29.759	62.83
Авг. 7	55.77	59.75	58.864	60.04	63.499	25.58	46.416	19.42	30.055	65.26
17	56.17	62.78	59.201	62.97	63.766	28.14	46.677	21.85	30.320	67.73
27	56.51	66.02	59.490	66.05	63.997	30.72	46.902	24.27	30.549	70.21
Сент. 6	56.78	69.41	59.727	69.24	64.188	33.27	47.090	26.62	30.740	72.63
16	56.99	72.88	59.910	72.46	64.339	35.73	47.239	28.87	30.891	74.95
26	57.18	76.36	60.038	75.66	64.449	38.06	47.348	30.98	31.003	77.14
Окт. 5	57.20	79.79	60.113	78.77	64.520	40.24	47.420	32.91	31.077	79.16
15	57.20	83.09	60.135	81.73	64.553	42.22	47.457	34.64	31.114	80.98
25	57.14	86.19	60.107	84.48	64.552	43.97	47.460	36.14	31.117	82.57
Нояб. 4	57.01	89.03	60.033	86.96	64.519	45.46	47.432	37.40	31.090	83.91
14	56.82	91.53	59.915	89.12	64.457	46.67	47.378	38.39	31.035	84.99
24	56.59	93.63	59.757	90.91	64.370	47.58	47.300	39.10	30.956	85.78
Дек. 4	56.30	95.28	59.566	92.28	64.262	48.16	47.202	39.51	30.856	86.26
14	55.98	96.43	59.345	93.18	64.135	48.41	47.086	39.63	30.738	86.43
24	55.63	97.04	59.102	93.59	63.995	48.32	46.957	39.44	30.607	86.29
34	55.26	97.08	58.844	93.50	63.846	47.89	46.820	38.96	30.466	85.84
Ср. место Eichelb.	53.58 -169	64.78 + 9	56.942 - 113	63.08 + 20	61.797 - 86	23.07 + 42	44.754 - 72	15.78 + 31	28.372 - 102	61.99 + 2

День.	14) α Cassio- peiae. IX 30		15) β Ceti. X 1		16) γ Cassio- peiae. X 1		17) ζ Andro- medae. X 2		18) η Cassio- peiae. Яркая звезда. X 2	
	h m	°	h m	°	h m	°	h m	°	h m	°
1928	0 36	+56 8	0 39	-18 22	0 40	+47 53	0 43	+23 52	0 44	+57 25
Янв. 0	23.333	43.82	57.668	67.48	41.093	34.28	30.052	33.60	43.140	72.28
10	23.041	43.48	57.547	67.96	40.870	33.87	29.920	32.96	42.839	72.05
20	22.749	42.64	57.428	68.18	40.646	33.01	29.785	32.12	42.536	71.30
30	22.469	41.33	57.315	68.15	40.429	31.75	29.654	31.10	42.241	70.04
Февр. 9	22.213	39.61	57.214	67.85	40.229	30.14	29.534	29.95	41.973	68.38
19	21.992	37.54	57.129	67.28	40.057	28.25	29.431	28.72	41.740	66.36
29	21.820	35.21	57.066	66.43	39.923	26.15	29.352	27.48	41.554	64.04
Март 10	21.707	32.74	57.032	65.32	39.835	23.94	29.304	26.28	41.425	61.56
20	21.661	30.22	57.030	63.95	39.801	21.73	29.293	25.19	41.370	58.99
30	21.687	27.77	57.066	62.34	39.827	19.60	29.325	24.27	41.389	56.49
Апр. 9	21.789	25.48	57.143	60.50	39.916	17.66	29.402	23.59	41.484	54.16
19	21.967	23.46	57.262	58.47	40.068	15.99	29.525	23.18	41.658	52.06
29	22.217	21.78	57.423	56.27	40.282	14.65	29.695	23.07	41.910	50.26
Май 9	22.532	20.51	57.625	53.94	40.553	13.71	29.909	23.30	42.230	48.89
19	22.905	19.70	57.865	51.54	40.872	13.20	30.161	23.88	42.610	47.96
29	23.324	19.37	58.137	49.12	41.233	13.15	30.446	24.79	43.039	47.51
Июнь 8	23.777	19.54	58.435	46.72	41.625	13.56	30.757	26.02	43.506	47.56
18	24.252	20.21	58.752	44.42	42.037	14.42	31.085	27.54	43.996	48.11
28	24.736	21.36	59.079	42.26	42.458	15.72	31.422	29.30	44.498	49.13
Июль 8	25.216	22.96	59.409	40.31	42.877	17.41	31.759	31.26	45.000	50.60
18	25.681	24.97	59.733	38.61	43.284	19.46	32.088	33.38	45.485	52.53
28	26.119	27.34	60.043	37.20	43.669	21.81	32.401	35.60	45.944	54.81
Авг. 7	26.521	30.01	60.331	36.12	44.023	24.41	32.690	37.86	46.370	57.41
17	26.879	32.93	60.592	35.39	44.341	27.21	32.951	40.13	46.751	60.28
27	27.187	36.04	60.819	35.01	44.617	30.14	33.180	42.34	47.082	63.34
Сент. 6	27.442	39.27	61.011	34.98	44.847	33.14	33.372	44.46	47.358	66.52
16	27.639	42.55	61.164	35.28	45.029	36.15	33.528	46.46	47.577	69.81
26	27.779	45.83	61.277	35.89	45.163	39.12	33.646	48.29	47.739	73.08
Окт. 5	27.862	49.04	61.352	36.76	45.249	42.00	33.727	49.94	47.839	76.30
15	27.888	52.11	61.391	37.83	45.289	44.72	33.774	51.38	47.882	79.40
25	27.861	54.98	61.396	39.05	45.284	47.24	33.789	52.61	47.869	82.34
Нояб. 4	27.783	57.60	61.372	40.34	45.238	49.50	33.775	53.60	47.801	85.03
14	27.657	59.90	61.322	41.65	45.156	51.45	33.734	54.36	47.684	87.39
24	27.488	61.82	61.251	42.91	45.033	53.05	33.670	54.87	47.520	89.39
Дек. 4	27.281	63.31	61.163	44.08	44.881	54.27	33.585	55.13	47.316	90.97
14	27.041	64.33	61.061	45.09	44.704	55.06	33.483	55.14	47.074	92.09
24	26.777	64.86	60.949	45.92	44.506	55.41	33.368	54.89	46.806	92.70
34	26.495	64.86	60.832	46.52	44.293	55.29	33.243	54.41	46.518	92.79
Ср. место Eichelb.	24.559 - 78	33.80 + 46	58.576 - 4	53.63 + 24	42.231 - 79	26.18 + 16	31.074 - 65	32.66 + 28	44.330 - 229	61.96 + 68

День.	19) δ Piscium. X 2			20) ν Andromedae. X 3			21) γ Cassiopeiae. X 4			22) μ Andromedae. X 4			23) α Sculp-toris. X 5		
	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$
1928	0 44	+ 7 11	"	0 45	+40 41	"	0 52	+60 19	"	0 52	+38 6	"	0 55	-29 44	"
Янв.	0 55.717	31.78	49.065	19.47	19.76	49.11	43.975	38.05	7.544	64.12					
10	55.605	31.11	48.881	19.02	19.42	49.05	43.803	37.62	7.400	64.53					
20	55.491	30.42	48.696	18.18	19.08	48.46	43.627	36.84	7.255	64.58					
30	55.380	29.73	48.513	17.01	18.74	47.36	43.454	35.74	7.115	64.27					
Февр.	9 55.279	29.08	48.343	15.53	18.42	45.79	43.292	34.37	6.986	63.59					
19	55.192	28.50	48.197	13.84	18.14	43.83	43.150	32.79	6.874	62.56					
29	55.126	28.02	48.082	11.98	17.92	41.56	43.035	31.06	6.785	61.19					
Март	10 55.087	27.69	48.006	10.05	17.76	39.08	42.957	29.27	6.724	59.51					
20	55.082	27.55	47.978	8.15	17.67	36.50	42.925	27.50	6.699	57.55					
30	55.114	27.62	48.002	6.35	17.66	33.93	42.942	25.84	6.713	55.33					
Апр.	9 55.187	27.94	48.080	4.74	17.74	31.48	43.013	24.37	6.771	52.89					
19	55.303	28.51	48.214	3.40	17.90	29.24	48.138	23.15	6.873	50.29					
29	55.462	29.36	48.407	2.39	18.15	27.31	43.317	22.25	7.022	47.56					
Май	9 55.661	30.47	48.649	1.75	18.47	25.76	43.547	21.71	7.216	44.76					
19	55.897	31.82	48.937	1.53	18.86	24.65	43.822	21.56	7.452	41.95					
29	56.164	33.40	49.268	1.73	19.21	24.01	44.136	21.81	7.724	39.20					
Июнь	8 56.456	35.16	49.620	2.35	19.80	23.87	44.479	22.47	8.028	36.55					
18	56.765	37.07	49.995	3.38	20.31	24.24	44.842	23.52	8.355	34.09					
28	57.083	39.07	50.379	4.78	20.84	25.10	45.217	24.92	8.697	31.87					
Июль	8 57.402	41.42	50.767	6.54	21.38	26.43	45.593	26.66	9.046	29.94					
18	57.715	43.16	51.189	8.59	21.90	28.21	45.960	28.68	9.391	28.36					
28	58.014	45.14	51.493	10.89	22.39	30.38	46.311	30.92	9.725	27.16					
Авг	7 58.291	47.02	51.823	13.39	22.85	32.90	46.638	33.35	10.040	26.37					
17	58.542	48.75	52.121	16.03	23.27	35.71	46.934	35.91	10.328	26.02					
27	58.762	50.29	52.380	18.77	23.64	38.76	47.195	38.53	10.583	26.09					
Сент.	6 58.949	51.63	52.599	21.52	23.94	41.98	47.417	41.17	10.800	26.57					
16	59.100	52.76	52.776	24.26	24.19	45.30	47.598	43.78	10.977	27.44					
26	59.215	53.65	52.910	26.93	24.37	48.65	47.738	46.31	11.111	28.65					
Окт.	5 59.296	54.31	52.998	29.47	24.49	51.98	47.837	48.71	11.203	30.12					
15	59.345	54.75	53.047	31.84	24.55	55.22	47.896	50.95	11.254	31.81					
25	59.363	54.98	53.059	34.00	24.55	58.31	47.918	52.99	11.266	33.61					
Нояб.	4 59.354	55.03	53.033	35.93	24.48	61.17	47.905	54.80	11.244	35.46					
14	59.321	54.92	52.974	37.56	24.36	63.73	47.858	56.33	11.190	37.27					
24	59.267	54.66	52.884	38.88	24.19	65.94	47.781	57.56	11.110	38.96					
Дек.	4 59.196	54.27	52.765	39.84	23.97	67.74	47.678	58.46	11.008	40.47					
14	59.109	53.79	52.624	40.43	23.71	69.07	47.551	59.01	10.889	41.72					
24	59.011	53.22	52.464	40.63	23.41	69.90	47.404	59.20	10.757	42.67					
34	58.905	52.60	52.290	40.43	23.08	70.19	47.243	59.01	10.617	43.29					
Ср. место	56.678	36.64	50.133	13.26	20.88	38.10	44.991	32.53	8.288	46.90					
Eichelb.	- 27	+ 14	- 50	+ 42	- 113	+ 13	- 57	+ 58	- 15	+ 68					

Д е н ь.	25) ε Piscium.			26) η Ceti.			27) β Andromedae.			29) ζ Piscium.			30) τ Piscium.		
	X 6			X 7			X 8			X 8			X 8		
1928	h	m	o	h	m	o	h	m	o	h	m	o	h	m	o
	0 59	+ 7 30		1 4	- 10 33		1 5	+ 35 14		1 7	+ 20 39		1 7	+ 29 41	
Янв. 0	11.370	5.66	57.253	59.66	40.738	25.86	33.789	9.17	40.457	30.95					
10	11.257	5.02	57.137	60.29	40.579	25.50	33.663	8.63	40.314	30.51					
20	11.140	4.36	57.020	60.75	40.413	24.82	33.530	7.93	40.164	29.82					
30	11.023	3.70	56.901	61.01	40.246	23.85	33.398	7.11	40.012	28.89					
Февр. 9	10.913	3.07	56.789	61.07	40.087	22.62	33.268	6.16	39.867	27.76					
19	10.816	2.51	56.690	60.90	39.944	21.19	33.155	5.15	39.736	26.49					
Март 29	10.739	2.05	56.610	60.50	39.826	19.64	33.060	4.13	39.628	25.13					
10	10.687	1.72	56.554	59.86	39.741	18.02	32.994	3.17	39.550	23.75					
20	10.668	1.57	56.527	58.98	39.697	16.41	32.961	2.29	39.510	22.41					
30	10.685	1.63	56.537	57.84	39.701	14.91	32.968	1.60	39.514	21.20					
Апр. 9	10.744	1.92	56.588	56.46	39.755	13.58	33.019	1.09	39.566	20.17					
19	10.846	2.46	56.681	54.86	39.863	12.49	33.118	0.83	39.668	19.39					
29	10.991	3.27	56.817	53.06	40.025	11.69	33.268	0.85	39.821	18.91					
Май 9	11.177	4.33	56.994	51.07	40.236	11.23	33.452	1.19	40.021	18.74					
19	11.402	5.64	57.211	48.95	40.493	11.14	33.681	1.82	40.265	18.91					
Июнь 29	11.660	7.18	57.462	46.72	40.790	11.42	33.949	2.75	40.548	19.45					
8	11.945	8.90	57.742	44.46	41.118	12.08	34.245	3.97	40.859	20.33					
18	12.250	10.77	58.042	42.20	41.468	13.11	34.561	5.44	41.194	21.53					
28	12.566	12.74	58.357	40.01	41.832	14.48	34.889	7.15	41.541	23.02					
Июль 8	12.886	14.77	58.678	37.95	42.199	16.15	35.222	9.02	41.891	24.77					
18	13.201	16.79	58.995	36.05	42.561	18.08	35.552	11.03	42.238	26.73					
28	13.504	18.76	59.304	34.38	42.909	20.22	35.870	13.10	42.572	28.85					
Авг. 7	13.789	20.64	59.595	32.98	43.236	22.52	36.168	15.21	42.886	31.08					
17	14.048	22.37	59.863	31.86	43.536	24.93	36.441	17.30	43.174	33.39					
27	14.279	23.92	60.103	31.07	43.803	27.40	36.688	19.31	43.432	35.71					
Сент. 6	14.478	25.27	60.308	30.59	44.034	29.88	36.900	21.24	43.655	37.99					
16	14.642	26.40	60.479	30.43	44.227	32.32	37.078	23.01	43.842	40.18					
26	14.772	27.30	60.616	30.57	44.380	34.68	37.221	24.65	43.993	42.28					
Окт. 6	14.867	27.98	60.717	30.99	44.494	36.92	37.329	26.08	44.107	44.23					
15	14.930	28.43	60.783	31.64	44.570	39.00	37.405	27.33	44.184	46.00					
25	14.962	28.68	60.817	32.47	44.610	40.89	37.449	28.38	44.227	47.57					
Нояб. 4	14.966	28.74	60.821	33.43	44.616	42.55	37.462	29.23	44.238	48.93					
14	14.945	28.64	60.799	34.46	44.588	43.97	37.445	29.86	44.218	50.06					
24	14.901	28.39	60.754	35.53	44.531	45.13	37.405	30.27	44.170	50.92					
Дек. 4	14.838	28.03	60.688	36.57	44.446	45.98	37.341	30.47	44.097	51.52					
14	14.757	27.57	60.605	37.54	44.337	46.50	37.258	30.47	44.000	51.85					
24	14.663	27.03	60.508	38.40	44.206	46.70	37.157	30.27	43.884	51.89					
34	14.558	26.43	60.400	39.12	44.059	46.56	37.041	29.86	43.752	51.65					
Ср. место Eichelb.	12.250 - 48	10.23 + 26	58.029 + 12	48.81 + 31	41.667 - 80	21.10 + 37	34.663 + 43	9.07 - 106	41.357 - 64	27.88 + 36					

День.	31) ν Piscium.		33) ζ Ceti.		34) ϕ Cassio- peiae.		35) δ Cassio- peiae.		36) η Piscium.		
	X 10		X 11		X 11		X 11		X 13		
	h m	$^{\circ}$	h m	$^{\circ}$	h m	$^{\circ}$	h m	$^{\circ}$	h m	$^{\circ}$	
1928	1 15	+26 53	1 20	- 8 32	1 20	+67 45	1 21	+59 51	1 27	+14 58	
Янв.	0	29.375	11.94	24.744	85.96	48.43	30.21	4.504	53.04	36.891	28.53
	10	29.239	11.53	24.631	86.64	47.97	30.69	4.185	53.33	36.775	28.02
	20	29.095	10.89	24.510	87.16	47.49	30.59	3.848	53.09	36.650	27.41
	30	28.948	10.04	24.387	87.51	47.01	29.92	3.509	52.34	36.519	26.72
Февр.	9	28.806	9.02	24.268	87.65	46.54	28.72	3.181	51.11	36.390	25.99
	19	28.676	7.88	24.158	87.59	46.12	27.04	2.880	49.46	36.270	25.25
Март	29	28.566	6.66	24.065	87.31	45.75	24.96	2.621	47.45	36.167	24.54
	10	28.485	5.44	23.995	86.79	45.46	22.56	2.419	45.18	36.087	23.89
	20	28.440	4.27	23.955	86.04	45.26	19.95	2.284	42.75	36.039	23.35
	30	28.438	3.22	23.950	85.04	45.17	17.25	2.227	40.27	36.028	22.98
Апр.	9	28.481	2.35	23.984	83.80	45.18	14.57	2.254	37.84	36.059	22.81
	19	28.574	1.72	24.060	82.33	45.31	12.02	2.267	35.56	36.135	22.87
	29	28.716	1.36	24.181	80.64	45.55	9.69	2.565	33.52	36.256	23.19
Май	9	28.905	1.31	24.344	78.76	45.89	7.67	2.842	31.81	36.423	23.77
	19	29.137	1.59	24.547	76.72	46.38	6.04	3.192	30.48	36.632	24.63
	29	29.408	2.20	24.786	74.57	46.85	4.86	3.604	29.58	36.877	25.74
Июнь	8	29.710	3.14	25.056	72.36	47.43	4.16	4.067	29.15	37.154	27.10
	18	30.035	4.37	25.348	70.13	48.06	3.96	4.567	29.20	37.455	28.67
	28	30.374	5.87	25.657	67.94	48.73	4.27	5.092	29.73	37.772	30.40
Июль	8	30.718	7.61	25.974	65.85	49.39	5.08	5.626	30.73	38.096	32.26
	18	31.060	9.54	26.291	63.91	50.06	6.37	6.157	32.17	38.420	34.20
	28	31.391	11.60	26.601	62.17	50.71	8.12	6.672	34.02	38.737	36.16
Авг.	7	31.704	13.76	26.895	60.67	51.32	10.28	7.161	36.23	39.038	38.11
	17	31.993	15.95	27.168	59.46	51.89	12.81	7.614	38.76	39.319	39.99
	27	32.252	18.14	27.415	58.55	52.41	15.65	8.022	41.55	39.574	41.76
Сент.	6	32.479	20.28	27.632	57.95	52.86	18.74	8.380	44.55	39.799	43.40
	16	32.671	22.33	27.816	57.67	53.24	22.02	8.683	47.68	39.992	44.86
	26	32.827	24.26	27.966	57.70	53.54	25.43	8.928	50.90	40.153	46.14
Окт.	6	32.948	26.04	28.081	58.00	53.77	28.90	9.112	54.15	40.280	47.23
	15	33.033	27.64	28.162	58.54	53.91	32.37	9.235	57.35	40.375	48.11
	25	33.085	29.06	28.211	59.28	53.97	35.76	9.296	60.44	40.438	48.80
Нояб.	4	33.105	30.26	28.231	60.17	53.94	38.99	9.297	63.36	40.472	49.30
	14	33.096	31.25	28.223	61.15	53.83	41.99	9.238	66.05	40.478	49.61
	24	33.058	32.00	28.190	62.17	53.65	44.69	9.121	68.43	40.458	49.75
Дек.	4	32.995	32.51	28.135	63.19	53.39	47.02	8.951	70.44	40.413	49.73
	14	32.909	32.77	28.060	64.16	53.06	48.90	8.730	72.04	40.346	49.57
	24	32.802	32.78	27.969	65.04	52.67	50.28	8.467	73.18	40.259	49.27
	34	32.680	32.54	27.864	65.80	52.24	51.12	8.169	73.80	40.156	48.84
Ср. место Eichelb.		30.224 - 33	9.71 + 26	25.435 - 17	76.08 + 32	49.30 - 12	17.82 - 43	5.376 - 109	42.02 + 38	37.637 - 48	30.16 + 63

День.	38) ν Persci.		39) ν Piscium.		40) φ ersei.		41) τ Ceti ¹⁾ .		42) ν Piscium.	
	X 15		X 16		X 16		X 16		X 17	
	h m	°	h m	°	h m	°	h m	°	h m	°
1928	1 33	+48 15	1 37	+ 5 7	1 39	+50 19	1 40	-16 18	1 41	+ 8 47
Янв. 0	32.935	59.09	40.276	20.61	7.433	44.83	42.857	70.25	34.668	41.76
10	32.725	59.25	40.167	20.00	7.212	45.09	42.734	70.98	34.561	41.21
20	32.498	58.97	40.047	19.41	6.972	44.91	42.600	71.45	34.439	40.63
30	32.264	58.27	39.922	18.85	6.723	44.29	42.461	71.65	34.311	40.04
Февр. 9	32.032	57.19	39.796	18.35	6.476	43.26	42.324	71.58	34.182	39.47
19	31.816	55.77	39.676	17.93	6.243	41.88	42.195	71.22	34.060	38.95
29	31.627	54.07	39.571	17.63	6.038	40.19	42.081	70.58	33.951	38.51
Март 10	31.476	52.17	39.488	17.46	5.871	38.28	41.988	69.66	33.863	38.19
20	31.373	50.16	39.433	17.46	5.754	36.23	41.924	68.47	33.805	38.00
30	31.327	48.13	39.413	17.66	5.696	34.14	41.895	67.01	33.781	37.99
Апр. 9	31.343	46.18	39.433	18.08	5.702	32.11	41.906	65.30	33.798	38.18
19	31.425	44.38	39.497	18.73	5.777	30.22	41.960	63.36	33.859	38.60
29	31.573	42.82	39.605	19.62	5.921	28.55	42.058	61.22	33.964	39.27
Май 9	31.784	41.57	39.757	20.75	6.131	27.17	42.201	58.93	34.114	40.18
19	32.053	40.67	39.950	22.10	6.402	26.14	42.386	56.51	34.307	41.33
29	32.374	40.16	40.181	23.65	6.728	25.50	42.609	54.02	34.537	42.70
Июнь 8	32.737	40.06	40.443	25.37	7.098	25.27	42.867	51.52	34.799	44.26
18	33.132	40.39	40.731	27.24	7.503	25.46	43.151	49.07	35.088	45.98
28	33.549	41.13	41.036	29.17	7.932	26.08	43.455	46.72	35.394	47.82
Июль 8	33.977	42.26	41.350	31.14	8.374	27.41	43.770	44.53	35.711	49.73
18	34.405	43.76	41.667	33.10	8.817	28.52	44.089	42.57	36.030	51.66
28	34.824	45.59	41.978	34.99	9.252	30.27	44.403	40.88	36.344	53.56
Авг. 7	35.223	47.71	42.276	36.76	9.668	32.33	44.706	39.49	36.645	55.39
17	35.597	50.06	42.555	38.37	10.059	34.64	44.990	38.46	36.928	57.09
27	35.937	52.60	42.811	39.80	10.417	37.16	45.250	37.79	37.188	58.63
Сент. 6	36.239	55.28	43.039	41.01	10.736	39.84	45.480	37.50	37.421	59.99
16	36.501	58.03	43.237	41.99	11.013	42.62	45.679	37.57	37.623	61.14
26	36.718	60.82	43.403	42.72	11.246	45.44	45.843	37.99	37.794	62.07
Окт. 6	36.890	63.58	43.536	43.22	11.433	48.27	45.972	38.72	37.933	62.77
16*)	37.017	66.27	43.638	43.49	11.572	51.04	46.066	39.71	38.040	63.26
25	37.098	68.84	43.710	43.56	11.663	53.71	46.126	40.91	38.116	63.55
Нояб. 4	37.135	71.24	43.752	43.46	11.708	56.22	46.155	42.24	38.163	63.66
14	37.128	73.41	43.766	43.20	11.707	58.51	46.153	43.64	38.182	63.62
24	37.078	75.32	43.754	42.82	11.660	60.55	46.124	45.05	38.175	63.43
Дек. 4	36.988	76.92	43.718	42.35	11.569	62.28	46.069	46.39	38.142	63.13
14	36.859	78.16	43.659	41.82	11.438	63.65	45.992	47.62	38.086	62.74
24	36.697	79.01	43.580	41.24	11.269	64.62	45.895	48.68	38.009	62.27
34	36.506	79.44	43.485	40.65	11.068	65.17	45.782	49.53	37.913	61.75
Ср. место	33.710	50.64	40.929	25.48	8.169	35.88	43.392	58.10	35.315	45.32
Eichelb.	- 48	+ 13	- 51	+ 74	- 56	+ 43	- 53	+ 34	- 21	+ 73

¹⁾ Параллакс (0.31) учтен.

²⁾ Для звезды 38) окт. 15.

День.	43) ζ Ceti.		44) π Trianguli.		45) ε Cassiopeie.		46) γ Arietis.		47) ξ Piscium.	
	X 18		X 19		X 19		X 19		X 19	
1928	h m 1 47	° -10 41	h m 1 48	° +29 13	h m 1 49	° +63 18	h m 1 49	° +18 56	h m 1 49	° +2 49
Янв. 0	53.837	34.61	57.634	46.68	11.10	70.50	33.892	28.30	48.982	52.24
10	53.725	35.37	57.503	46.52	10.75	71.22	33.776	27.92	48.876	51.60
20	53.600	35.95	57.355	46.11	10.37	71.40	33.646	27.41	48.757	51.01
30	53.469	36.32	57.197	45.47	9.97	71.04	33.508	26.80	48.630	50.49
Февр. 9	53.336	36.47	57.037	44.64	9.58	70.17	33.368	26.08	48.500	50.05
19	53.209	36.38	56.883	43.64	9.21	68.83	33.231	25.31	48.375	49.72
29	53.095	36.04	56.745	42.52	8.87	67.07	33.109	24.51	48.263	49.51
Март 10	53.001	35.46	56.632	41.34	8.59	64.97	33.008	23.75	48.171	49.46
20	52.934	34.63	56.552	40.17	8.39	62.64	32.938	23.06	48.106	49.59
30	52.901	33.54	56.513	39.05	8.26	60.17	32.905	22.49	48.074	49.92
Апр. 9	52.907	32.20	56.521	38.06	8.23	57.67	32.915	22.08	48.082	50.47
19	52.955	30.63	56.578	37.26	8.29	55.24	32.971	21.88	48.133	51.24
29	53.048	28.84	56.687	36.68	8.45	52.98	33.073	21.91	48.228	52.25
Май 9	53.184	26.86	56.847	36.38	8.69	50.98	33.222	22.21	48.367	53.49
19	53.363	24.74	57.053	36.38	9.03	49.31	33.416	22.80	48.549	54.93
29	53.581	22.50	57.305	36.69	9.44	48.04	33.651	23.63	48.769	56.57
Июнь 8	53.833	20.19	57.592	37.31	9.92	47.19	33.919	24.72	49.023	58.36
18	54.112	17.88	57.907	38.24	10.45	46.81	34.215	26.04	49.303	60.26
28	54.412	15.62	58.243	39.44	11.01	46.90	34.532	27.56	49.603	62.23
Июль 8	54.724	13.47	58.590	40.89	11.59	47.46	34.858	29.25	49.914	64.21
18	55.040	11.48	58.941	42.55	12.18	48.48	35.188	31.05	50.229	66.16
28	55.354	9.70	59.286	44.39	12.77	49.94	35.514	32.92	50.541	68.03
Авг. 7	55.658	8.19	59.619	46.35	13.33	51.79	35.826	34.82	50.842	69.76
17	55.944	6.97	59.933	48.38	13.86	54.01	36.124	36.69	51.127	71.31
27	56.208	6.03	60.222	50.44	14.36	56.53	36.396	38.51	51.389	72.65
Сент. 6	56.446	5.53	60.483	52.50	14.80	59.31	36.641	40.22	51.625	73.76
16	56.653	5.32	60.712	54.51	15.19	62.30	36.859	41.80	51.832	74.62
26	56.828	5.43	60.907	56.43	15.52	65.44	37.043	43.22	52.009	75.22
Окт. 6	56.970	5.84	61.069	58.24	15.78	68.66	37.197	44.48	52.154	75.57
16	57.079	6.52	61.196	59.91	15.98	71.91	37.317	45.57	52.268	75.69
25	57.155	7.42	61.289	61.43	16.11	75.11	37.407	46.48	52.351	75.61
Нояб. 4	57.200	8.47	61.349	62.77	16.17	78.21	37.463	47.19	52.404	75.34
14	57.216	9.62	61.376	63.92	16.16	81.13	37.491	47.74	52.429	74.93
24	57.204	10.82	61.371	64.86	16.08	83.80	37.494	48.11	52.426	74.41
Дек. 4	57.167	12.00	61.336	65.59	15.93	86.16	37.465	48.32	52.398	73.83
14	57.106	13.12	61.271	66.08	15.72	88.14	37.410	48.35	52.347	73.20
24	57.024	14.13	61.180	66.33	15.45	89.68	37.334	48.24	52.274	72.55
34	56.924	14.99	61.065	66.33	15.13	90.73	37.233	47.98	52.181	71.91
Ср. место	54.348	24.59	58.299	43.49	11.70	58.93	34.529	28.36	49.558	57.69
Eichelb.	- 39	+ 34	- 73	+ 13	-115	+ 13	- 101	+ 111	- 38	+ 78

День.	48) β Arietis.			49) λ Arietis.			50) \circ Ceti.			51) 50 Cassiopeiae.			52) α^2 Piscium.										
	X 19			X 20			X 20			X 21			X 21										
	h	m	\circ	h	m	\circ	h	m	\circ	h	m	\circ	h	m	\circ								
1928	1	50	+20 27	1	53	+23 14	1	56	-21 25	1	57	+72 4	1	58	+2 24								
Янв.	0	38.856	24.47	54.058	45.15	36.394	47.26	14.53	39.10	18.672	54.06	10	38.741	24.14	53.937	44.89	36.268	48.13	13.98	40.16	18.569	53.42	
	20	38.609	23.65	53.803	44.46	36.129	48.70	13.38	40.64	18.450	52.83	30	38.468	23.03	53.656	43.87	35.983	48.95	12.76	40.54	18.322	52.31	
Февр.	9	38.325	22.31	53.507	43.12	35.834	48.87	12.15	39.85	18.190	51.88	19	38.187	21.51	53.362	42.28	35.691	48.47	11.56	38.62	18.061	51.56	
	29	38.062	20.67	53.231	41.37	35.560	47.74	11.03	38.91	17.943	51.37	Март	10	37.960	19.85	53.123	40.46	35.450	46.69	10.57	34.80	17.844	51.34
	20	37.888	19.08	53.044	39.56	35.367	45.33	10.22	32.37	17.771	51.49	30	37.853	18.43	53.006	38.77	35.318	43.69	9.99	29.74	17.733	51.83	
Апр.	9	37.860	17.94	53.009	38.13	35.308	41.78	9.89	27.02	17.733	52.40	19	37.914	17.65	53.061	37.66	35.342	39.64	9.93	24.31	17.774	53.19	
	29	38.017	17.59	53.161	37.43	35.422	37.29	10.11	21.73	17.861	54.21	Май	9	38.166	17.80	53.311	37.47	35.548	34.79	10.42	19.37	17.992	55.45
	19	38.361	18.28	53.505	37.79	35.719	32.18	10.85	17.32	18.167	56.91	29	38.597	19.03	53.741	38.39	35.931	29.52	11.39	15.65	18.381	58.54	
Июнь	8	38.867	20.05	54.013	39.27	36.180	26.86	12.03	14.41	18.628	60.33	18	39.165	21.30	54.314	40.42	36.459	24.27	12.74	13.64	18.903	62.24	
	28	39.482	22.77	54.635	41.77	36.762	21.81	13.51	13.36	19.200	64.20	Июль	8	39.811	24.42	54.966	43.33	37.080	19.55	14.31	13.58	19.508	66.18
	18	40.143	26.20	55.304	45.05	37.405	17.53	15.12	14.30	19.823	68.11	28	40.471	28.06	55.637	46.90	37.730	15.83	15.94	15.50	20.135	69.96	
Авг.	7	40.788	29.97	55.959	48.80	38.046	14.48	16.73	17.15	20.439	71.68	17	41.086	31.86	56.264	50.74	38.347	13.52	17.48	19.21	20.726	73.21	
	27	41.362	33.71	56.545	52.63	38.626	12.96	18.18	21.65	20.994	74.54	Сент.	6	41.611	35.48	56.798	54.47	38.878	12.82	18.82	24.41	21.235	75.63
	16	41.830	37.12	57.024	56.22	39.100	13.08	19.38	27.44	21.448	76.45	26	42.017	38.62	57.217	57.86	39.288	13.73	19.86	30.68	21.631	77.03	
Окт.	6	42.172	39.96	57.377	59.34	39.440	14.71	20.24	34.08	21.785	77.35	16	42.294	41.13	57.505	60.67	39.557	15.99	20.53	37.55	21.908	77.44	
	25	42.385	42.12	57.601	61.83	39.639	17.48	20.72	41.03	22.001	77.31	Нояб.	4	42.445	42.93	57.664	62.81	39.687	19.12	20.80	44.45	22.062	77.01
	14	42.475	43.57	57.697	63.60	39.703	20.84	20.78	47.73	22.095	76.57	24	42.475	44.03	57.701	64.23	39.688	22.55	20.65	50.78	22.099	76.02	
Дек.	4	42.448	44.31	57.675	64.68	39.644	24.17	20.41	53.54	22.079	75.40	14	42.394	44.41	57.621	64.91	39.574	25.65	20.08	55.91	22.034	74.74	
	24	42.315	44.35	57.540	64.96	39.481	26.93	19.65	57.83	21.965	74.07	34	42.214	44.12	57.437	64.83	39.368	27.96	19.14	59.24	21.875	73.42	
Ср. место		39.493	24.04	54.683	43.81	36.764	34.10	14.89	26.32	19.200	59.49	Eichelb.		- 36	+ 44	- 46	+ 64	- 44	+ 53	- 54	+ 32	- 127	+ 79

День.	53) γ Andromedae. X 21		54) α Arietis. X 22		55) β Trianguli. X 23		57) γ Trianguli. X 25		60) ξ^2 Ceti. X 28							
	h 1	m 59	$^{\circ}$ +41	58	h 2	m 3	$^{\circ}$ +23	7	h 2	m 12	$^{\circ}$ 33	30	h 2	m 24	$^{\circ}$ + 8	8
1928																
Янв.	0	27.656	72.77	6.001	23.11	14.567	55.58	61.079	58.53	19.256	14.25					
	10	27.490	73.01	5.885	22.89	14.429	55.66	60.948	58.64	19.160	13.73					
	20	27.302	72.88	5.752	22.49	14.270	55.46	60.794	58.47	19.044	13.21					
	30	27.101	72.40	5.606	21.94	14.097	54.98	60.625	58.04	18.913	12.70					
Февр.	9	26.895	71.59	5.455	21.25	13.918	54.24	60.447	57.36	18.774	12.22					
	19	26.696	70.48	5.308	20.45	13.744	53.27	60.272	56.46	18.633	11.80					
	29	26.514	69.13	5.172	19.59	13.583	52.12	60.109	55.39	18.499	11.45					
Март	10	26.361	67.60	5.057	18.71	13.446	50.84	59.969	54.20	18.381	11.20					
	20	26.247	65.95	4.972	17.85	13.343	49.51	59.861	52.95	18.287	11.08					
	30	26.181	64.28	4.924	17.08	13.282	48.18	59.794	51.70	18.225	11.12					
Апр.	9	26.170	62.66	4.919	16.44	13.269	46.93	59.773	50.52	18.201	11.34					
	19	26.217	61.16	4.961	15.99	13.310	45.83	59.805	49.48	18.219	11.76					
	29	26.323	59.87	5.052	15.75	13.405	44.92	59.891	48.63	18.283	12.41					
Май	9	26.490	58.83	5.192	15.77	13.555	44.27	60.031	48.02	18.393	13.27					
	19	26.712	58.09	5.379	16.05	13.756	43.90	60.223	47.68	18.547	14.34					
	29	26.985	57.70	5.609	16.61	14.004	43.85	60.462	47.64	18.743	15.62					
Июнь	8	27.300	57.67	5.875	17.44	14.293	44.12	60.741	47.92	18.976	17.09					
	18	27.650	58.00	6.171	18.52	14.614	44.71	61.054	48.51	19.240	18.71					
	28	28.026	58.70	6.489	19.84	14.960	45.61	61.392	49.39	19.529	20.44					
Июль	8	28.416	59.74	6.820	21.35	15.320	46.80	61.747	50.55	19.833	22.23					
	18	28.812	61.10	7.157	23.01	15.687	48.25	62.109	51.95	20.147	24.05					
	28	29.204	62.72	7.491	24.79	16.051	49.91	62.470	53.56	20.463	25.84					
Авг.	7	29.585	64.60	7.816	26.64	16.405	51.76	62.823	55.33	20.773	27.55					
	17	29.946	66.68	8.125	28.51	16.743	53.74	63.160	57.23	21.072	29.14					
	27	30.282	68.90	8.413	30.37	17.057	55.81	63.476	59.23	21.353	30.58					
Сент.	6	30.587	71.24	8.674	32.16	17.344	57.92	63.766	61.26	21.613	31.82					
	16	30.858	73.63	8.908	33.86	17.601	60.04	64.027	63.30	21.848	32.86					
	26	31.093	76.04	9.110	35.45	17.824	62.13	64.256	65.29	22.056	33.68					
Окт.	6	31.288	78.43	9.280	36.90	18.012	64.15	64.452	67.22	22.235	34.28					
	16	31.444	80.74	9.419	38.19	18.165	66.07	64.614	69.06	22.385	34.66					
	25*)	31.561	82.95	9.525	39.32	18.283	67.87	64.740	70.78	22.506	34.84					
Нояб.	4	31.637	85.02	9.600	40.28	18.365	69.52	64.831	72.36	22.596	34.84					
	14	31.674	86.92	9.644	41.07	18.411	71.00	64.887	73.77	22.657	34.70					
	24	31.671	88.59	9.657	41.69	18.423	72.28	64.908	75.00	22.689	34.43					
Дек.	4	31.630	90.01	9.641	42.12	18.399	73.34	64.894	76.01	22.692	34.07					
	14	31.551	91.13	9.594	42.38	18.341	74.15	64.845	76.80	22.666	33.64					
	24	31.437	91.95	9.520	42.46	18.252	74.71	64.764	77.35	22.612	33.16					
	34	31.292	92.42	9.422	42.35	18.134	74.98	64.653	77.63	22.534	32.65					
Ср. место		28.266	65.94	6.576	21.74	15.146	50.76	61.614	54.02	19.672	17.38					
Eichelb.		- 41	+ 48	- 40	+ 32	- 74	+ 60	- 38	+ 57	- 40	+ 40					

*) Для звезды 60) окт. 26.

День.	61) δ Ceti.		63) β Arietis.		64) θ Persei.		65) γ Ceti.		66) ρ Ceti.											
	X 30		X 31		X 31		X 31		XI 1											
1928	^h 2	^m 35	^o + 0	['] 0	^h 2	^m 39	^o +27	['] 24	^h 2	^m 39	^o +48	['] 55	^h 2	^m 39	^o + 2	['] 55	^h 2	^m 41	^o + 9	['] 48
Янв. 0	47.071	62.09	12.856	8.76	15.917	38.20	33.734	54.93	2.463	37.52			2.463	37.52			2.463	37.52		
10	46.979	61.37	12.750	8.82	15.746	38.99	33.643	54.27	2.374	37.06			2.374	37.06			2.374	37.06		
20	46.865	60.74	12.618	8.70	15.540	39.39	33.531	53.67	2.262	36.57			2.262	36.57			2.262	36.57		
30	46.735	60.22	12.466	8.38	15.308	39.40	33.401	53.15	2.131	36.09			2.131	36.09			2.131	36.09		
Февр. 9	46.594	59.82	12.302	7.89	15.060	39.01	33.259	52.73	1.989	35.63			1.989	35.63			1.989	35.63		
19	46.451	59.56	12.134	7.24	14.810	38.25	33.115	52.41	1.843	35.21			1.843	35.21			1.843	35.21		
29	46.313	59.45	11.972	6.47	14.570	37.15	32.975	52.21	1.701	34.84			1.701	34.84			1.701	34.84		
Март 10	46.189	59.52	11.826	5.61	14.355	35.76	32.848	52.16	1.573	34.55			1.573	34.55			1.573	34.55		
20	46.086	59.77	11.705	4.71	14.177	34.15	32.743	52.28	1.466	34.38			1.466	34.38			1.466	34.38		
30	46.013	60.22	11.620	3.83	14.048	32.40	32.667	52.58	1.390	34.34			1.390	34.34			1.390	34.34		
Апр. 9	45.977	60.89	11.577	3.02	13.976	30.58	32.628	53.07	1.351	34.46			1.351	34.46			1.351	34.46		
19	45.982	61.77	11.582	2.32	13.969	28.79	32.630	53.79	1.354	34.77			1.354	34.77			1.354	34.77		
29	46.031	62.88	11.637	1.80	14.029	27.10	32.677	54.71	1.403	35.29			1.403	35.29			1.403	35.29		
Май 9	46.126	64.20	11.744	1.48	14.158	25.59	32.769	55.84	1.498	36.02			1.498	36.02			1.498	36.02		
19	46.265	65.71	11.902	1.39	14.352	24.31	32.906	57.18	1.639	36.96			1.639	36.96			1.639	36.96		
29	46.446	67.39	12.107	1.56	14.608	23.32	33.086	58.70	1.823	38.10			1.823	38.10			1.823	38.10		
Июнь 8	46.665	69.21	12.353	2.00	14.918	22.66	33.304	60.37	2.045	39.43			2.045	39.43			2.045	39.43		
18	46.916	71.13	12.635	2.69	15.274	22.35	33.554	62.16	2.300	40.92			2.300	40.92			2.300	40.92		
28	47.193	73.10	12.945	3.62	15.665	22.40	33.830	64.02	2.582	42.53			2.582	42.53			2.582	42.53		
Июль 8	47.488	75.07	13.273	4.77	16.083	22.81	34.125	65.91	2.883	44.23			2.883	44.23			2.883	44.23		
18	47.795	76.99	13.614	6.11	16.516	23.58	34.431	67.77	3.195	45.96			3.195	45.96			3.195	45.96		
28	48.106	78.81	13.959	7.60	16.955	24.68	34.742	69.57	3.511	47.68			3.511	47.68			3.511	47.68		
Авг. 7	48.413	80.48	14.300	9.20	17.391	26.08	35.050	71.23	3.825	49.34			3.825	49.34			3.825	49.34		
17	48.711	81.95	14.631	10.88	17.814	27.75	35.349	72.73	4.129	50.91			4.129	50.91			4.129	50.91		
27	48.994	83.18	14.945	12.59	18.219	29.66	35.633	74.01	4.419	52.33			4.419	52.33			4.419	52.33		
Сент. 6	49.257	84.16	15.239	14.30	18.597	31.76	35.898	75.07	4.690	53.59			4.690	53.59			4.690	53.59		
16	49.497	84.87	15.509	15.97	18.945	34.01	36.141	75.88	4.938	54.65			4.938	54.65			4.938	54.65		
26	49.711	85.29	15.752	17.58	19.257	36.36	36.358	76.42	5.160	55.50			5.160	55.50			5.160	55.50		
Окт. 6	49.897	85.43	15.965	19.10	19.531	38.78	36.548	76.71	5.356	56.14			5.356	56.14			5.356	56.14		
16	50.054	85.33	16.148	20.51	19.765	41.23	36.716	76.77	5.524	56.58			5.524	56.58			5.524	56.58		
26	50.182	85.00	16.300	21.80	19.956	43.66	36.843	76.61	5.663	56.83			5.663	56.83			5.663	56.83		
Нояб. 4	50.280	84.49	16.419	22.97	20.101	46.02	36.946	76.26	5.772	56.90			5.772	56.90			5.772	56.90		
14	50.348	83.84	16.504	23.99	20.200	48.28	37.020	75.77	5.851	56.83			5.851	56.83			5.851	56.83		
24	50.387	83.08	16.556	24.86	20.250	50.39	37.063	75.17	5.900	56.64			5.900	56.64			5.900	56.64		
Дек. 4	50.396	82.27	16.574	25.58	20.251	52.30	37.077	74.51	5.919	56.35			5.919	56.35			5.919	56.35		
14	50.376	81.44	16.556	26.13	20.203	53.96	37.060	73.81	5.907	55.99			5.907	55.99			5.907	55.99		
24	50.327	80.64	16.505	26.51	20.106	55.32	37.016	73.11	5.865	55.57			5.865	55.57			5.865	55.57		
34	50.253	79.88	16.422	26.71	19.965	56.35	36.944	72.43	5.795	55.13			5.795	55.13			5.795	55.13		
Ср. место	47.386	67.52	13.248	5.94	16.253	29.96	34.046	59.38	2.803	39.86			2.803	39.86			2.803	39.86		
Eichelb.	- 31	+ 50	- 27	+ 35	- 29	+ 42	- 17	+ 64	- 37	+ 23			- 37	+ 23			- 37	+ 23		

День.	67) 39 Arietis.		68) γ Persei.		69) 41 Arietis.		70) ϵ Persei.		71) η Eridani.				
	XI 1		XI 2		XI 2		XI 3		XI 4				
1928	h m 2 43	$^{\circ}$ +28 56	h m 2 45	$^{\circ}$ +55 35	h m 2 45	$^{\circ}$ +26 57	h m 2 49	$^{\circ}$ +52 28	h m 2 52	$^{\circ}$ - 9 10			
Янв.	0	36.585 59.69	25.612 61.78	44.061 55.79	8.190 17.28	54.378 69.49	10	36.478 59.84	25.403 62.86	43.960 55.87	8.007 18.28	54.286 70.47	
	20	36.345 59.76	25.151 63.52	43.832 55.77	7.783 18.89	54.171 71.27	30	36.192 59.47	24.868 63.72	43.682 55.48	7.528 19.07	54.036 71.86	
Февр.	9	36.024 59.02	24.567 63.47	43.518 55.03	7.255 18.82	53.889 72.23	19	35.851 58.39	24.262 62.78	43.350 54.42	6.976 18.17	53.737 72.36	
	29	35.683 57.60	23.968 61.68	43.186 53.69	6.706 17.14	53.587 72.25	10	35.531 56.72	23.702 60.24	43.036 52.87	6.461 15.78	53.448 71.88	
Март.	20	35.406 55.78	23.479 58.52	42.912 52.02	6.253 14.16	53.329 71.27	30	35.318 54.85	23.312 56.59	42.822 51.18	6.097 12.35	53.238 70.40	
	9	35.269 53.95	23.211 54.56	42.773 50.39	6.001 10.45	53.182 69.28	19	35.269 53.18	23.183 52.49	42.771 49.72	5.974 8.52	53.166 67.92	
	29	35.321 52.56	23.233 50.50	42.820 49.22	6.020 6.67	53.194 66.33	Май	9	35.425 52.13	23.362 48.65	42.920 48.91	6.138 4.96	53.267 64.54
	19	35.580 51.94	23.567 47.02	43.070 48.82	6.328 3.47	53.385 62.57	29	35.784 52.00	23.843 45.68	43.268 48.98	6.585 2.25	53.547 60.46	
Июнь.	8	36.030 52.33	24.182 44.66	43.509 49.40	6.900 1.35	53.749 58.25	18	36.311 52.91	24.574 44.01	43.785 50.07	7.266 0.80	53.985 56.00	
	28	36.623 53.76	25.009 43.74	44.090 50.97	7.674 0.61	54.249 53.75	Июль.	8	36.956 54.82	25.475 43.86	44.416 52.08	8.112 0.80	54.535 51.57
	18	37.297 56.08	25.961 44.37	44.755 53.38	8.569 1.36	54.836 49.51	28	37.647 57.51	26.456 45.26	45.098 54.83	9.035 2.27	55.145 47.64	
	7	37.993 59.06	26.950 46.50	45.440 56.39	9.500 3.51	55.453 46.00	Авг.	17	38.330 60.72	27.433 48.06	45.772 58.02	9.955 5.05	55.755 44.63
	27	38.651 62.40	27.895 49.91	46.089 59.68	10.392 6.86	56.044 43.58	Сент.	6	38.952 64.12	28.331 52.01	46.386 61.34	10.803 8.89	56.317 42.87
	16	39.228 65.82	28.733 54.33	46.660 62.96	11.184 11.11	56.568 42.52	26	39.478 67.44	29.096 56.81	46.908 64.51	11.530 13.48	56.794 42.51	
Окт.	6	39.700 69.00	29.416 59.41	47.127 65.97	11.836 15.95	56.993 42.84	16	39.891 70.46	29.689 62.08	47.316 67.33	12.099 18.48	57.164 43.46	
	26	40.049 71.85	29.913 64.79	47.475 68.57	12.316 21.03	57.305 44.34	4	40.176 73.08	30.084 67.46	47.601 69.69	12.485 23.54	57.416 45.43	
	14	40.267 74.18	30.198 70.05	47.694 70.67	12.603 25.98	57.496 46.66	24	40.325 75.17	30.255 72.51	47.753 71.51	12.667 28.28	57.545 47.98	
Дек.	4	40.345 75.97	30.252 74.78	47.777 72.20	12.676 30.40	57.563 49.31	14	40.331 76.60	30.190 76.79	47.766 72.74	12.631 32.28	57.549 50.61	
	24	40.283 77.07	30.071 78.49	47.721 73.11	12.532 33.86	57.505 51.82	34	40.201 77.33	29.897 79.82	47.643 73.31	12.382 35.10	57.432 52.89	
Ср. место	36.955	56.44	25.840	52.29	44.421	53.09	8.431	8.44	54.537	61.80			
Eichelb.	-71	+58	-124	+70	-57	+5	-46	+30	-57	+45			

День.	72) ϵ Arietis m.			73) λ Ceti.			74) α Ceti.			75) γ Persei.			76) δ Persei.		
	XI 4			XI 5			XI 5			XI 5			XI 6		
	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$
1928	2 55	+ 21	3	2 55	+ 8	37	2 58	+ 3	48	2 59	+ 53	13	3 0	+ 38	33
Янв. 0	5.117	13.00	50.944	14.91	30.563	25.59	33.989	41.38	33.052	50.30					
10	5.028	12.91	50.862	14.41	30.482	24.95	33.812	42.50	32.937	50.88					
20	4.911	12.71	50.755	13.92	30.375	24.36	33.590	43.23	32.788	51.18					
30	4.772	12.39	50.625	13.46	30.247	23.85	33.334	43.54	32.611	51.19					
Февр. 9	4.618	11.96	50.480	13.03	30.105	23.42	33.055	43.42	32.416	50.92					
19	4.457	11.45	50.332	12.64	29.956	23.09	32.768	42.89	32.212	50.37					
29	4.299	10.89	50.182	12.32	29.808	22.88	32.488	41.96	32.011	49.57					
Март. 10	4.152	10.28	50.046	12.10	29.671	22.81	32.229	40.69	31.826	48.56					
20	4.028	9.69	49.929	11.97	29.553	22.89	32.007	39.14	31.666	47.40					
30	3.935	9.13	49.842	12.01	29.463	23.14	31.835	37.38	31.544	46.14					
Апр. 9	3.881	8.67	49.789	12.19	29.407	23.58	31.723	35.50	31.468	44.85					
19	3.871	8.34	49.778	12.57	29.392	24.22	31.675	33.57	31.445	43.59					
29	3.909	8.17	49.812	13.12	29.421	25.06	31.708	31.69	31.478	42.43					
Май 9	3.996	8.20	49.892	13.91	29.496	26.11	31.813	29.93	31.570	41.43					
19	4.132	8.44	50.018	14.88	29.616	27.36	31.990	28.36	31.720	40.63					
29	4.315	8.91	50.188	16.05	29.779	28.79	32.235	27.05	31.923	40.08					
Июнь 8	4.538	9.61	50.396	17.40	29.983	30.37	32.544	26.04	32.175	39.80					
18	4.797	10.51	50.640	18.83	30.220	32.07	32.905	25.36	32.470	39.80					
28	5.085	11.61	50.911	20.51	30.486	33.86	33.310	25.04	32.800	40.10					
Июль 8	5.394	12.88	51.203	22.19	30.774	35.68	33.747	25.09	33.154	40.68					
18	5.718	14.28	51.511	23.89	31.075	37.48	34.208	25.50	33.526	41.53					
28	6.046	15.77	51.824	25.57	31.384	39.22	34.680	26.27	33.906	42.62					
Авг. 7	6.375	17.31	52.135	27.18	31.693	40.86	35.154	27.37	34.287	43.93					
17	6.696	18.87	52.441	28.70	31.996	42.33	35.620	28.78	34.661	45.42					
27	7.005	20.40	52.734	30.05	32.287	43.61	36.071	30.46	35.022	47.05					
Сент. 6	7.296	21.88	53.012	31.24	32.562	44.67	36.498	32.38	35.363	48.80					
16	7.565	23.26	53.268	32.23	32.817	45.48	36.897	34.51	35.682	50.62					
26	7.811	24.53	53.500	32.99	33.049	46.04	37.261	36.80	35.973	52.48					
Окт. 6	8.030	25.68	53.707	33.53	33.255	46.34	37.587	39.20	36.235	54.35					
16	8.221	26.69	53.888	33.88	33.435	46.41	37.871	41.69	36.464	56.21					
26	8.383	27.56	54.040	34.01	33.587	46.26	38.109	44.21	36.659	58.02					
Нояб. 5*	8.515	28.29	54.164	33.97	33.710	45.93	38.298	46.72	36.818	59.76					
14	8.615	28.90	54.258	33.81	33.803	45.45	38.435	49.18	36.938	61.41					
24	8.683	29.37	54.319	33.50	33.865	44.87	38.518	51.52	37.019	62.94					
Дек. 4	8.717	29.72	54.351	33.14	33.897	44.21	38.544	53.69	37.058	64.31					
14	8.717	29.95	54.351	32.71	33.897	43.52	38.512	55.65	37.054	65.51					
24	8.683	30.07	54.321	32.25	33.865	42.83	38.424	57.33	37.008	66.49					
34	8.616	30.06	54.257	31.75	33.804	42.17	38.282	58.68	36.921	67.23					
Ср. место	5.422	11.89	51.207	17.35	30.789	29.39	34.152	32.57	33.321	44.66					
Eichelb.	- 59	+ 47	- 73	- 10	- 19	+ 56	- 93	+ 55	- 60	+ 36					

*) Для звезды 72) ноябрь 4.

День.	77) β Persei.		79) δ Arietis.		80) 12 Eridani.		83) α Persei.		84) σ Tauri.		
	XI 6		XI 7		XI 8		XI 10		XI 11		
	h m	°	h m	°	h m	°	h m	°	h m	°	
1928	3 3	+40 40	3 7	+19 27	3 8	-29 15	3 19	+49 36	3 20	+ 8 46	
Янв.	0	28.340	51.88	30.220	20.40	60.915	84.45	10.248	30.36	56.004	33.37
	10	28.221	52.56	30.140	20.29	60.795	85.89	10.111	31.50	55.935	32.88
	20	28.066	52.95	30.030	20.08	60.647	86.97	9.927	32.29	55.836	32.41
	30	27.883	53.03	29.897	19.79	60.477	87.66	9.707	32.72	55.713	31.96
Февр.	9	27.679	52.80	29.746	19.42	60.293	87.94	9.459	32.76	55.570	31.56
	19	27.466	52.28	29.586	18.97	60.101	87.80	9.198	32.42	55.416	31.21
	29	27.256	51.49	29.425	18.48	59.911	87.26	8.937	31.71	55.260	30.93
Март	10	27.061	50.46	29.275	17.97	59.731	86.32	8.690	30.68	55.111	30.73
	20	26.893	49.26	29.146	17.48	59.572	84.99	8.471	29.38	54.978	30.63
	30	26.763	47.94	29.044	17.03	59.440	83.31	8.295	27.86	54.871	30.66
Апр.	9	26.679	46.57	28.979	16.67	59.344	81.30	8.172	26.21	54.797	30.84
	19	26.650	45.22	28.958	16.43	59.291	78.99	8.110	24.50	54.763	31.18
	29	26.680	43.95	28.983	16.35	59.284	76.43	8.115	22.81	54.773	31.70
Май	9	26.769	42.83	29.058	16.45	59.326	73.67	8.189	21.21	54.828	32.42
	19	26.918	41.91	29.181	16.75	59.418	70.77	8.332	19.77	54.931	33.32
	29	27.122	41.23	29.350	17.26	59.558	67.77	8.540	18.54	55.078	34.41
Июнь	8	27.377	40.82	29.561	17.99	59.743	64.76	8.808	17.57	55.266	35.67
	18	27.676	40.71	29.809	18.91	59.970	61.80	9.129	16.90	55.492	37.07
	28	28.011	40.89	30.088	20.01	60.231	58.96	9.494	16.55	55.748	38.58
Июль	8	28.372	41.36	30.389	21.26	60.520	56.32	9.894	16.53	56.028	40.16
	18	28.752	42.12	30.706	22.63	60.831	53.94	10.318	16.83	56.325	41.77
	28	29.141	43.14	31.031	24.07	61.155	51.89	10.758	17.45	56.632	43.37
Авг.	7	29.532	44.39	31.358	25.56	61.484	50.23	11.203	18.38	56.944	44.90
	17	29.917	45.84	31.679	27.05	61.811	49.01	11.645	19.59	57.252	46.33
	27	30.287	47.46	31.989	28.50	62.129	48.26	12.077	21.04	57.552	47.62
Сент.	6	30.639	49.21	32.284	29.87	62.431	48.00	12.491	22.71	57.839	48.73
	16	30.968	51.06	32.560	31.14	62.711	48.23	12.882	24.56	58.109	49.65
	26	31.270	52.96	32.812	32.30	62.966	48.94	13.244	26.56	58.359	50.35
Окт.	6	31.541	54.90	33.040	33.32	63.192	50.10	13.575	28.68	58.586	50.83
	16	31.780	56.84	33.242	34.19	63.385	51.64	13.869	30.88	58.788	51.10
	26	31.983	58.75	33.415	34.92	63.542	53.50	14.123	33.12	58.964	51.19
Нояб.	5	32.149	60.60	33.559	35.52	63.663	55.60	14.333	35.36	59.113	51.10
	14	32.275	62.37	33.672	36.00	63.747	57.85	14.497	37.57	59.231	50.87
	24	32.360	64.02	33.752	36.35	63.793	60.15	14.611	39.71	59.319	50.54
Дек.	4	32.402	65.52	33.799	36.60	63.801	62.41	14.672	41.71	59.374	50.12
	14	32.399	66.84	33.811	36.74	63.771	64.54	14.679	43.54	59.396	49.66
	24	32.352	67.94	33.788	36.79	63.706	66.45	14.630	45.15	59.383	49.17
	34	32.262	68.78	33.731	36.75	63.607	68.09	14.529	46.48	59.337	48.68
Ср. место		28.584	45.77	30.465	19.66	60.725	72.20	10.334	22.59	56.154	35.35
Eichelb.		- 61	+55	- 43	+29	- 21	+40	- 48	+48	- 50	+63

День.	86) 2 H Camelopardalis. XI 11		85) ξ Tauri. XI 11		88) 5f Tauri. XI 12		89) ϵ Eridani. ¹⁾ XI 13		91) 10 Tauri. XI 14		
	h m	$^{\circ}$	h m	$^{\circ}$	h m	$^{\circ}$	h m	$^{\circ}$	h m	$^{\circ}$	
1928	3 23	+59 41	3 23	+9 28	3 26	+12 41	3 29	-9 41	3 33	+0 10	
Июн.	0	13.504	37.06	15.710	55.74	53.538	26.63	32.247	70.65	11.738	23.24
	10	13.307	38.62	15.643	55.26	53.473	26.29	32.168	71.77	11.675	22.42
	20	13.051	39.78	15.547	54.81	53.376	25.94	32.061	72.69	11.580	21.69
	30	12.747	40.50	15.423	54.38	53.253	25.58	31.928	73.39	11.456	21.08
Февр.	9	12.410	40.75	15.280	54.00	53.109	25.22	31.777	73.85	11.315	20.60
	19	12.055	40.53	15.126	53.65	52.953	24.87	31.615	74.07	11.161	20.28
	29	11.700	39.86	14.969	53.37	52.794	24.54	31.450	74.03	11.000	20.12
Март	10	11.365	38.77	14.818	53.15	52.640	24.25	31.292	73.73	10.846	20.13
	20	11.067	37.32	14.684	53.03	52.502	24.03	31.149	73.17	10.707	20.32
	30	10.822	35.57	14.575	53.02	52.391	23.91	31.029	72.35	10.590	20.67
Апр.	9	10.644	33.61	14.499	53.16	52.312	23.90	30.942	71.27	10.505	21.24
	19	10.543	31.53	14.464	53.46	52.273	24.03	30.893	69.95	10.456	22.02
	29	10.526	29.40	14.472	53.95	52.278	24.32	30.886	68.41	10.452	23.00
Май	9	10.596	27.33	14.526	54.61	52.331	24.80	30.925	66.65	10.489	24.17
	19	10.753	25.39	14.626	55.47	52.430	25.46	31.009	64.71	10.574	25.54
	29	10.992	23.65	14.773	56.52	52.575	26.31	31.138	62.62	10.704	27.07
Июнь	8	11.308	22.18	14.960	57.73	52.762	27.33	31.309	60.43	10.877	28.73
	18	11.690	21.01	15.185	59.09	52.987	28.51	31.517	58.19	11.086	30.52
	28	12.130	20.19	15.439	60.56	53.243	29.82	31.758	55.94	11.325	32.36
Июль	8	12.614	19.74	15.720	62.11	53.525	31.23	32.024	53.76	11.591	34.21
	18	13.132	19.67	16.018	63.70	53.824	32.71	32.309	51.69	11.876	36.02
	28	13.671	19.98	16.324	65.28	54.134	34.20	32.606	49.79	12.175	37.74
Авг.	7	14.221	20.66	16.634	66.80	54.449	35.67	32.909	48.12	12.477	39.32
	17	14.770	21.69	16.944	68.22	54.762	37.07	33.211	46.73	12.779	40.74
	27	15.308	23.05	17.245	69.50	55.067	38.36	33.506	45.66	13.074	41.91
Сент.	6	15.827	24.72	17.533	70.63	55.361	39.53	33.789	44.93	13.361	42.83
	16	16.318	26.65	17.806	71.55	55.637	40.53	34.055	44.57	13.631	43.46
	26	16.775	28.82	18.059	72.27	55.894	41.35	34.301	44.58	13.884	43.82
Окт.	6	17.191	31.19	18.289	72.77	56.130	41.99	34.525	44.93	14.115	43.90
	16	17.562	33.71	18.495	73.07	56.341	42.44	34.722	45.61	14.321	43.70
	26	17.881	36.33	18.674	73.20	56.527	42.72	34.892	46.57	14.503	43.28
Нояб.	5	18.142	39.02	18.826	73.15	56.684	42.86	35.033	47.75	14.658	42.65
	14	18.342	41.72	18.948	72.97	56.812	42.86	35.144	49.10	14.784	41.84
	24	18.475	44.36	19.039	72.67	56.908	42.75	35.222	50.55	14.879	40.96
Дек.	4	18.539	46.89	19.097	72.29	56.971	42.57	35.267	52.02	14.940	40.02
	14	18.531	49.24	19.121	71.87	57.000	42.32	35.278	53.47	14.966	39.04
	24	18.450	51.34	19.109	71.43	56.994	42.02	35.255	54.83	14.958	38.10
	34	18.299	53.13	19.066	70.96	56.952	41.70	35.199	56.05	14.919	37.23
Ср. место Eichelb.	13.380 -101	27.65 - 8	15.853 - 51	57.48 +116	53.679 - 37	27.50 +75	32.239 - 57	63.93 +65	11.785 - 45	27.18 +32	

¹⁾ Параллакс (0."32) учтен.

День.	92) δ Persei.		93) δ Eridani.		94) σ Persei.		95) ν Persei.		98) γ Camelopardalis.	
	XI 15		XI 16		XI 16		XI 16		XI 16	
	h m	$^{\circ}$	h m	$^{\circ}$	h m	$^{\circ}$	h m	$^{\circ}$	h m	$^{\circ}$
1928	3 37	+47 33	3 39	-10 0	3 39	+32 3	3 40	+42 21	3 42	+71 6
Янв. 0	47.374	38.79	47.945	28.41	47.804	44.34	17.665	15.16	44.55	55.98
10	47.265	39.96	47.876	29.57	47.733	44.85	17.574	16.18	44.23	58.12
20	47.108	40.84	47.776	30.53	47.624	45.18	17.439	16.84	43.82	59.84
30	46.910	41.38	47.649	31.28	47.481	45.32	17.266	17.26	43.32	61.07
Февр. 9	46.681	41.57	47.501	31.79	47.312	45.26	17.064	17.38	42.77	61.78
19	46.433	41.41	47.339	32.05	47.126	45.00	16.843	17.20	42.18	61.93
29	46.180	40.90	47.172	32.05	46.935	44.55	16.616	16.72	41.58	61.54
Март 10	45.936	40.07	47.009	31.79	46.749	43.94	16.396	15.97	41.01	60.64
20	45.715	38.97	46.860	31.27	46.580	43.21	16.196	15.00	40.49	59.26
30	45.530	37.65	46.733	30.48	46.439	42.39	16.029	13.85	40.04	57.48
Апр. 9	45.393	36.18	46.636	29.43	46.336	41.53	15.905	12.59	39.69	55.37
19	45.313	34.63	46.576	28.13	46.278	40.68	15.833	11.27	39.45	53.04
29	45.296	33.06	46.558	26.60	46.270	39.90	15.818	9.96	39.34	50.57
Май 9	45.345	31.56	46.585	24.85	46.317	39.23	15.864	8.73	39.36	48.07
19	45.461	30.18	46.657	22.91	46.416	38.71	15.971	7.63	39.51	45.63
29	45.640	28.99	46.775	20.81	46.569	38.38	16.138	6.70	39.79	43.32
Июнь 8	45.879	28.02	46.935	18.61	46.770	38.26	16.359	6.00	40.18	41.24
18	46.171	27.31	47.133	16.34	47.014	38.35	16.630	5.54	40.68	39.44
28	46.509	26.89	47.364	14.07	47.295	38.66	16.943	5.35	41.28	37.98
Июль 8	46.883	26.77	47.623	11.84	47.606	39.19	17.289	5.42	41.96	36.90
18	47.285	26.94	47.902	9.73	47.939	39.91	17.661	5.76	42.69	36.22
28	47.705	27.41	48.196	7.78	48.286	40.81	18.050	6.35	43.47	35.95
Авг. 7	48.134	28.15	48.497	6.06	48.640	41.86	18.448	7.19	44.28	36.12
17	48.565	29.16	48.799	4.62	48.995	43.03	18.846	8.23	45.10	36.71
27	48.989	30.40	49.097	3.49	49.344	44.29	19.239	9.46	45.92	37.70
Сент. 6	49.400	31.84	49.385	2.71	49.681	45.61	19.620	10.85	46.72	39.09
16	49.792	33.46	49.659	2.30	50.004	46.96	19.984	12.36	47.49	40.84
26	50.160	35.22	49.914	2.26	50.307	48.31	20.326	13.98	48.21	42.92
Окт. 6	50.500	37.09	50.149	2.57	50.587	49.65	20.643	15.68	48.88	45.30
16	50.808	39.06	50.359	3.22	50.842	50.96	20.930	17.42	49.48	47.93
26	51.081	41.08	50.544	4.16	51.069	52.23	21.186	19.19	50.00	50.76
Нояб. 5	51.313	43.12	50.700	5.33	51.265	53.44	21.405	20.95	50.43	53.75
15	51.501	45.16	50.825	6.68	51.427	54.59	21.585	22.69	50.76	56.84
24	51.642	47.14	50.919	8.14	51.553	55.66	21.723	24.37	50.99	59.93
Дек. 4	51.732	49.03	50.978	9.63	51.639	56.64	21.815	25.97	51.10	62.97
14	51.769	50.79	51.003	11.11	51.684	57.52	21.858	27.44	51.09	65.87
24	51.751	52.36	50.993	12.50	51.686	58.27	21.851	28.75	50.96	68.56
34	51.678	53.71	50.947	13.77	51.645	58.88	21.794	29.86	50.72	70.93
Ср. место	47.381	31.76	47.875	22.17	47.905	40.50	17.710	9.18	43.69	45.71
Eichelb.	- 43	+ 20	- 38	+ 27	- 54	+ 115	- 65	+ 6	- 90	- 23

День.	97) η Tauri.			99) ζ Tauri.			100) ζ Persei.			101) ϵ Persei.			102) ξ Persei.					
	XI 17			XI 17			XI 18			XI 19			XI 19					
	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$
1928	3 43		+23 52	3 44		+23 50	3 49		+31 40	3 52		+39 48	3 54		+35 35			
Янв. 0	11.928	63.27		52.527	5.88		36.025	19.45		60.969	17.22		17.267	11.30				
10	11.869	63.42		52.469	6.03		35.963	19.98		60.897	18.14		17.204	12.02				
20	11.773	63.47		52.375	6.09		35.861	20.34		60.780	18.83		17.098	12.56				
30	11.645	63.41		52.248	6.03		35.724	20.53		60.624	19.27		16.954	12.89				
Февр. 9	11.493	63.23		52.096	5.86		35.558	20.52		60.436	19.45		16.780	12.99				
19	11.325	62.95		51.928	5.59		35.375	20.33		60.227	19.35		16.586	12.86				
29	11.150	62.57		51.752	5.22		35.183	19.95		60.009	18.99		16.383	12.51				
Март. 10	10.979	62.12		51.581	4.77		34.994	19.42		59.795	18.38		16.182	11.96				
20	10.822	61.62		51.424	4.28		34.821	18.75		59.597	17.56		15.997	11.24				
30	10.691	61.10		51.292	3.76		34.674	17.99		59.428	16.57		15.839	10.39				
Апр. 9	10.594	60.60		51.194	3.27		34.563	17.19		59.299	15.47		15.717	9.44				
19	10.539	60.16		51.137	2.84		34.496	16.39		59.218	14.31		15.641	8.47				
29	10.530	59.82		51.127	2.50		34.478	15.64		59.191	13.15		15.617	7.53				
Май 9	10.570	59.62		51.166	2.30		34.514	14.99		59.223	12.05		15.647	6.66				
19	10.661	59.57		51.255	2.26		34.603	14.47		59.313	11.07		15.733	5.92				
29	10.801	59.71		51.393	2.39		34.745	14.13		59.461	10.25		15.875	5.33				
Июнь 8	10.987	60.03		51.577	2.72		34.935	13.98		59.663	9.63		16.067	4.94				
18	11.213	60.55		51.802	3.23		35.170	14.04		59.914	9.22		16.306	4.76				
28	11.474	61.24		52.062	3.92		35.442	14.30		60.207	9.05		16.585	4.79				
Июль 8	11.764	62.10		52.350	4.77		35.746	14.77		60.534	9.13		16.897	5.05				
18	12.075	63.10		52.660	5.76		36.073	15.43		60.887	9.45		17.234	5.52				
28	12.399	64.21		52.984	6.86		36.416	16.26		61.259	9.99		17.588	6.19				
Авг. 7	12.731	65.39		53.315	8.03		36.768	17.24		61.642	10.74		17.952	7.03				
17	13.063	66.62		53.647	9.25		37.122	18.33		62.028	11.69		18.320	8.02				
27	13.391	67.87		53.974	10.48		37.472	19.50		62.411	12.79		18.685	9.14				
Сент. 6	13.708	69.08		54.291	11.68		37.812	20.73		62.784	14.03		19.040	10.35				
16	14.010	70.25		54.594	12.83		38.138	21.99		63.144	15.38		19.382	11.63				
26	14.295	71.35		54.880	13.91		38.446	23.26		63.484	16.81		19.707	12.95				
Окт. 6	14.559	72.36		55.146	14.91		38.733	24.52		63.802	18.31		20.010	14.30				
16	14.800	73.28		55.388	15.82		38.996	25.74		64.094	19.85		20.289	15.65				
26	15.015	74.10		55.604	16.63		39.232	26.93		64.356	21.41		20.540	17.00				
Нояб. 5	15.201	74.83		55.793	17.35		39.439	28.07		64.585	22.96		20.760	18.33				
15	15.357	75.47		55.950	17.98		39.612	29.15		64.777	24.49		20.945	19.62				
24	15.479	76.02		56.074	18.53		39.749	30.17		64.929	25.99		21.092	20.86				
Дек. 4	15.565	76.49		56.162	19.00		39.847	31.11		65.036	27.42		21.198	22.04				
14	15.613	76.88		56.212	19.38		39.903	31.96		65.097	28.75		21.260	23.12				
24	15.621	77.19		56.221	19.69		39.915	32.71		65.108	29.95		21.276	24.09				
34	15.589	77.40		56.191	19.90		39.884	33.32		65.070	30.99		21.245	24.92				
Ср. место	12.023	61.28		52.616	3.90		36.084	15.77		60.975	11.93		17.292	6.85				
Eichelb.	-- 53	+ 42		-- 64	+ 35		-- 85	+ 44		-- 66	+ 49		-- 106	+ 102				

День.	103) γ Eridani.		104) λ Tauri.		106) ν Tauri.		107) δ c Persei.		110) μ Tauri.	
	XI 19		XI 20		XI 21		XI 22		XI 24	
	h m	°	h m	°	h m	°	h m	°	h m	°
1928	3 54	-13 42	3 56	+12 17	3 59	+ 5 47	4 3	+47 31	4 11	+8 42
Янв. 0	40.341	51.04	41.290	16.42	19.448	24.27	25.752	25.20	37.413	46.69
10	40.277	52.41	41.245	16.07	19.403	23.64	25.673	26.52	37.376	46.18
20	40.180	53.56	41.164	15.73	19.323	23.07	25.539	27.59	37.304	45.70
30	40.053	54.46	41.051	15.40	19.213	22.57	25.359	28.35	37.199	45.29
Февр. 9	39.903	55.08	40.913	15.09	19.077	22.16	25.142	28.78	37.067	44.93
19	39.736	55.41	40.758	14.80	18.923	21.84	24.899	28.87	36.912	44.62
29	39.562	55.45	40.593	14.54	18.760	21.62	24.643	28.62	36.748	44.41
Март 10	39.390	55.19	40.429	14.33	18.598	21.52	24.390	28.04	36.582	44.27
20	39.229	54.63	40.277	14.17	18.446	21.54	24.154	27.17	36.426	44.22
30	39.089	53.79	40.146	14.10	18.315	21.69	23.948	26.05	36.286	44.29
Апр. 9	38.977	52.67	40.045	14.13	18.212	22.00	23.786	24.74	36.176	44.46
19	38.901	51.27	39.981	14.28	18.145	22.47	23.676	23.30	36.100	44.79
29	38.866	49.62	39.959	14.58	18.119	23.11	23.627	21.81	36.064	45.26
Май 9	38.875	47.75	39.983	15.03	18.138	23.92	23.643	20.33	36.073	45.88
19	38.930	45.69	40.054	15.65	18.203	24.92	23.725	18.92	36.128	46.68
29	39.031	43.47	40.172	16.43	18.313	26.08	23.871	17.64	36.229	47.64
Июнь 8	39.175	41.14	40.332	17.38	18.466	27.39	24.080	16.55	36.373	48.74
18	39.359	38.76	40.532	18.47	18.658	28.81	24.344	15.67	36.558	49.96
28	39.578	36.38	40.767	19.68	18.884	30.33	24.656	15.04	36.778	51.30
Июль 8	39.827	34.06	41.030	20.98	19.138	31.90	25.010	14.68	37.027	52.70
18	40.099	31.87	41.314	22.33	19.414	33.48	25.396	14.60	37.299	54.13
28	40.387	29.87	41.614	23.70	19.706	35.02	25.805	14.78	37.589	55.54
Авг. 7	40.686	28.12	41.923	25.04	20.008	36.47	26.229	15.23	37.890	56.90
17	40.989	26.66	42.234	26.31	20.312	37.80	26.659	15.93	38.194	58.16
27	41.290	25.56	42.543	27.47	20.614	38.97	27.089	16.86	38.499	59.26
Сент. 6	41.583	24.83	42.844	28.50	20.909	39.92	27.511	18.00	38.798	60.21
16	41.864	24.50	43.133	29.37	21.194	40.65	27.920	19.32	39.089	60.96
26	42.129	24.57	43.407	30.06	21.463	41.15	28.310	20.80	39.367	61.49
Окт. 6	42.375	25.04	43.663	30.57	21.715	41.40	28.676	22.42	39.630	61.82
16	42.598	25.87	43.898	30.89	21.946	41.43	29.015	24.15	39.871	61.92
26	42.795	27.01	44.110	31.05	22.154	41.24	29.321	25.96	40.092	61.84
Нояб. 5	42.964	28.42	44.296	31.06	22.337	40.88	29.590	27.83	40.290	61.61
15	43.102	30.02	44.454	30.94	22.492	40.36	29.817	29.74	40.458	61.22
24	43.208	31.74	44.581	30.73	22.616	39.74	29.997	31.64	40.598	60.73
Дек. 4	43.279	33.51	44.673	30.45	22.707	39.06	30.126	33.50	40.704	60.19
14	43.313	35.25	44.730	30.13	22.762	38.35	30.201	35.27	40.771	59.62
24	43.311	36.89	44.749	29.79	22.780	37.65	30.218	36.91	40.803	59.05
34	43.271	38.38	44.730	29.44	22.761	36.98	30.178	38.37	40.794	58.51
Ср. место	40.167	44.56	41.311	16.99	19.428	26.26	25.631	18.75	37.363	47.81
Eichelb.	- 60	+ 48	- 50	+ 46	- 42	+ 96	- 85	+ 14	- 81	- 9

День.	111) γ Tauri.			113) δ Tauri.			114) 68 ζ^B Tauri.			116) ε Tauri.			118) ρ Tauri.		
	XI 25			XI 26			XI 26			XI 27			XI 28		
	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$
1928	4 15		+15 27	4 18		+17 22	4 21		+17 45	4 24		+ 19 1	4 29		+14 41
Янв. 0	41.635	18.30		46.833	30.30		19.290	53.68		24.651	20.42		45.682	39.97	
10	41.604	18.10		46.804	30.19		19.264	53.59		24.627	20.40		45.663	39.73	
20	41.534	17.89		46.736	30.07		19.198	53.48		24.562	20.35		45.603	39.49	
30	41.430	17.68		46.632	29.92		19.094	53.36		24.460	20.27		45.505	39.28	
Февр. 9	41.297	17.46		46.498	29.76		18.961	53.20		24.327	20.16		45.377	39.07	
19	41.141	17.24		46.341	29.57		18.804	53.05		24.170	20.01		45.225	38.87	
29	40.972	17.01		46.172	29.35		18.632	52.82		23.999	19.82		45.057	38.68	
Март 10	40.802	16.80		46.000	29.13		18.459	52.61		23.824	19.60		44.885	38.51	
20	40.641	16.61		45.835	28.91		18.295	52.37		23.656	19.36		44.718	38.37	
30	40.499	16.46		45.690	28.71		18.148	52.18		23.507	19.14		44.571	38.27	
Апр. 9	40.384	16.38		45.572	28.57		18.028	52.01		23.384	18.94		44.446	38.23	
19	40.305	16.39		45.490	28.49		17.944	51.91		23.297	18.79		44.355	38.28	
29	40.268	16.51		45.450	28.51		17.902	51.93		23.252	18.73		44.307	38.44	
Май 9	40.276	16.76		45.455	28.65		17.709	52.04		23.253	18.78		44.303	38.73	
19	40.331	17.16		45.508	28.93		17.958	52.30		23.301	18.95		44.345	39.14	
29	40.433	17.71		45.609	29.36		18.054	52.69		23.398	19.27		44.433	39.70	
Июнь 8	40.580	18.41		45.755	29.93		18.199	53.25		23.540	19.73		44.567	40.40	
18	40.768	19.26		45.942	30.65		18.384	53.95		23.724	20.33		44.741	41.25	
28	40.992	20.23		46.165	31.50		18.606	54.76		23.945	21.07		44.951	42.20	
Июль 8	41.245	21.30		46.420	32.46		18.861	55.69		24.198	21.92		45.195	43.23	
18	41.523	22.44		46.700	33.51		19.137	56.71		24.477	22.86		45.463	44.33	
28	41.819	23.61		46.998	34.60		19.434	57.76		24.775	23.86		45.752	45.46	
Авг. 7	42.127	24.78		47.308	35.70		19.744	58.84		25.086	24.89		46.054	46.58	
17	42.440	25.92		47.624	36.79		20.061	58.90		25.404	25.91		46.363	47.65	
27	42.753	26.98		47.941	37.82		20.379	60.91		25.724	26.90		46.673	48.64	
Сент. 6	43.063	27.93		48.253	38.77		20.691	61.85		26.040	27.82		46.982	49.52	
16	43.363	28.76		48.557	39.61		20.997	62.68		26.348	28.64		47.285	50.26	
26	43.650	29.44		48.849	40.32		21.291	63.38		26.646	29.35		47.578	50.86	
Окт. 6	43.922	29.97		49.126	40.90		21.570	63.95		26.929	29.95		47.859	51.29	
16	44.176	30.35		49.384	41.35		21.831	64.40		27.194	30.43		48.121	51.58	
26	44.408	30.59		49.622	41.66		22.069	64.73		27.438	30.80		48.363	51.71	
Нояб. 5	44.616	30.70		49.835	41.86		22.287	64.93		27.658	31.06		48.582	51.72	
15	44.796	30.71		50.020	41.96		22.477	65.06		27.851	31.24		48.776	51.63	
25	44.945	30.64		50.174	42.00		22.636	65.11		28.013	31.35		48.938	51.47	
Дек. 4	45.060	30.51		50.293	41.98		22.757	65.11		28.139	31.42		49.068	51.25	
14	45.137	30.34		50.375	41.92		22.839	65.07		28.228	31.45		49.158	51.01	
24	45.175	30.15		50.417	41.84		22.884	65.02		28.276	31.46		49.208	50.75	
34	45.173	29.95		50.418	41.74		22.888	64.93		28.282	31.45		49.218	50.50	
Ср. место	41.598	17.98		46.789	29.58		19.239	52.86		24.592	19.35		45.597	39.66	
Eichelb.	- 72	+ 58		- 60	+ 57		- 11	- 12		- 77	+ 42		- 60	+ 32	

День.	119) α Tauri.		122) δ Eri- dani.		123) τ Tauri.		124) μ Eridani.		125) δ Camelo- paradalis.		
	XI 29		XI 30		XI 30		XII 1		XII 1		
1928	h m 4 31	° ' " +16 21	h m 4 34	° ' " - 14 26	h m 4 37	° ' " + 22 49	h m 4 41	° ' " - 3 22	h m 4 41	° ' " +56 37	
Янв.	0	47.315	57.61	53.229	42.16	55.365	14.13	54.300	70.20	60.375	59.04
	10	47.297	57.45	53.192	43.76	55.353	14.31	54.282	71.35	60.318	60.97
	20	47.238	57.29	53.116	45.14	55.296	14.45	54.224	72.34	60.188	62.65
	30	47.142	57.13	53.005	46.26	55.199	14.54	54.128	73.17	59.992	64.03
Февр.	9	47.013	56.96	52.864	47.10	55.067	14.57	54.001	73.82	59.740	65.06
	19	46.860	56.79	52.700	47.64	54.909	14.53	53.851	74.27	59.446	65.70
	29	46.691	56.61	52.521	47.88	54.734	14.41	53.684	74.52	59.125	65.93
Март	10	46.518	56.43	52.337	47.81	54.552	14.23	53.511	74.57	58.795	65.74
	20	46.351	56.26	52.158	47.44	54.376	13.98	53.341	74.41	58.475	65.15
	30	46.199	56.12	51.994	46.76	54.216	13.69	53.186	74.02	58.182	64.19
Апр.	9	46.073	56.03	51.854	45.79	54.082	13.40	53.053	73.43	57.932	62.93
	19	45.982	56.01	51.745	44.54	53.982	13.12	52.950	72.63	57.738	61.41
	29	45.931	56.08	51.674	43.02	53.924	12.88	52.885	71.62	57.611	59.71
Май	9	45.925	56.26	51.645	41.26	53.913	12.72	52.862	70.41	57.558	57.89
	19	45.965	56.58	51.661	39.30	53.950	12.66	52.881	69.02	57.583	56.05
	29	46.052	57.03	51.722	37.16	54.035	12.72	52.946	67.47	57.686	54.24
Июнь	8	46.185	57.62	51.827	34.90	54.168	12.92	53.052	65.76	57.865	52.52
	18	46.360	58.34	51.974	32.55	54.344	13.25	53.199	63.98	58.116	50.96
	28	46.571	59.49	52.158	30.19	54.560	13.71	53.383	62.13	58.431	49.61
Июль	8	46.815	60.13	52.376	27.87	54.809	14.30	53.602	60.28	58.803	48.49
	18	47.085	61.14	52.621	25.65	55.086	14.99	53.844	58.46	59.223	47.63
	28	47.375	62.19	52.888	23.60	55.384	15.77	54.109	56.75	59.681	47.06
Авг.	7	47.678	63.25	53.171	21.78	55.697	16.60	54.389	55.19	60.167	46.78
	17	47.990	64.28	53.464	20.25	56.019	17.45	54.677	53.81	60.672	46.80
	27	48.304	65.24	53.762	19.06	56.345	18.31	54.973	52.70	61.188	47.11
Сент.	6	48.616	66.10	54.059	18.25	56.670	19.13	55.268	51.86	61.706	47.71
	16	48.922	66.85	54.351	17.85	56.990	19.90	55.559	51.32	62.218	48.58
	26	49.218	67.47	54.633	17.87	57.300	20.60	55.842	51.12	62.718	49.70
Окт.	6	49.500	67.94	54.901	18.29	57.597	21.22	56.112	51.24	63.198	51.06
	16	49.766	68.27	55.151	19.11	57.878	21.76	56.367	51.67	63.652	52.64
	26	50.012	68.46	55.380	20.28	58.140	22.22	56.602	52.39	64.073	54.42
Нояб.	5	50.235	68.55	55.585	21.75	58.379	22.61	56.817	53.33	64.453	56.37
	15	50.432	68.54	55.761	23.45	58.591	22.95	57.006	54.47	64.785	58.45
	25	50.598	68.46	55.906	25.30	58.771	23.25	57.165	55.75	65.061	60.63
Дек.	4	50.730	68.33	56.016	27.22	58.916	23.51	57.291	57.10	65.275	62.86
	14	50.824	68.18	56.087	29.15	59.021	23.75	57.380	58.44	65.420	65.09
	24	50.878	68.01	56.119	31.00	59.083	23.97	57.428	59.76	65.491	67.26
	34	50.890	67.85	56.110	32.71	59.102	24.17	57.438	60.98	65.486	69.30
Ср. место.		47.228	56.99	52.900	37.40	55.265	12.36	54.075	67.57	59.870	52.51
Eichelb.		-67	+37	+3	+60	-79	+79	-69	+16	-27	+8

День.	126) 1 π^1 Orio-		129) α Camelopardalis.		128) 3 π^3 Orio-		130) 4 α' Orio-		131) 8 π^5 Orio-		
	nis (π^3), XII 2		paradis. XII 3		nis. XII 3		nis. XII 3		nis. XII 4		
	h m	$^{\circ}$	h m	$^{\circ}$	h m	$^{\circ}$	h m	$^{\circ}$	h m	$^{\circ}$	
1928	4 45	+ 6 50	4 46	+ 66 13	4 47	+ 5 28	4 48	+ 14 7	4 50	+ 2 19	
яв.	0	55.984	11.99	53.77	29.21	22.347	58.23	27.592	55.49	30.165	24.82
	10	55.977	11.32	53.67	31.59	22.339	57.50	27.589	55.21	30.157	23.93
	20	55.928	10.76	53.47	33.69	22.290	56.86	27.541	54.97	30.109	23.14
	30	55.840	10.26	53.18	35.45	22.203	56.32	27.456	54.76	30.022	22.48
февр.	9	55.721	9.87	52.82	36.80	22.083	55.89	27.334	54.56	29.902	21.96
	19	55.575	9.57	52.40	37.68	21.937	55.56	27.187	54.37	29.757	21.58
	29	55.413	9.36	51.94	38.08	21.774	55.35	27.022	54.22	29.594	21.35
март	10	55.244	9.26	51.48	37.98	21.603	55.25	26.848	54.10	29.423	21.27
	20	55.077	9.26	51.02	37.40	21.436	55.28	26.678	54.01	29.254	21.34
	30	54.924	9.40	50.60	36.38	21.281	55.43	26.521	53.96	29.097	21.57
апр.	9	54.793	9.64	50.23	34.96	21.149	55.72	26.387	53.97	28.963	21.96
	19	54.693	10.03	49.94	33.22	21.047	56.16	26.284	54.07	28.858	22.52
	29	54.631	10.57	49.74	31.23	20.982	56.76	26.221	54.24	28.789	23.25
май	9	54.610	11.25	49.63	29.07	20.959	57.51	26.200	54.55	28.762	24.15
	19	54.634	12.08	49.63	26.83	20.980	58.41	26.224	54.98	28.778	25.22
	29	54.702	13.04	49.73	24.59	21.046	59.46	26.292	55.51	28.838	26.44
июнь	8	54.814	14.15	49.94	22.42	21.155	60.65	26.409	56.19	28.942	27.79
	18	54.967	15.39	50.24	20.40	21.305	61.94	26.566	56.99	29.087	29.24
	28	55.157	16.69	50.63	18.58	21.492	63.32	26.762	57.90	29.268	30.77
июль	8	55.382	18.04	51.09	17.01	21.712	64.74	26.989	58.89	29.482	32.34
	18	55.631	19.43	51.63	15.74	21.958	66.17	27.245	59.92	29.724	33.90
	28	55.899	20.77	52.22	14.79	22.225	67.56	27.522	60.98	29.987	35.40
авг.	7	56.185	22.05	52.85	14.17	22.508	68.87	27.814	62.01	30.267	36.79
	17	56.481	23.21	53.51	13.91	22.802	70.05	28.116	62.99	30.557	38.03
	27	56.781	24.20	54.19	14.01	23.100	71.07	28.426	63.90	30.853	39.08
сент.	6	57.084	25.04	54.88	14.46	23.400	71.89	28.735	64.67	31.150	39.90
	16	57.380	25.65	55.56	15.25	23.695	72.48	29.041	65.30	31.443	40.46
	26	57.670	26.04	56.23	16.38	23.983	72.83	29.339	65.80	31.730	40.76
окт.	6	57.949	26.19	56.87	17.83	24.260	72.93	29.626	66.13	32.006	40.78
	16	58.213	26.11	57.48	19.58	24.523	72.80	29.898	66.29	32.268	40.53
	26	58.459	25.82	58.04	21.59	24.768	72.45	30.154	66.31	32.513	40.04
нояб.	5	58.686	25.36	58.54	23.84	24.992	71.93	30.389	66.20	32.737	39.34
	15	58.886	24.76	58.98	26.28	25.192	71.25	30.598	66.00	32.937	38.48
	25	59.058	24.07	59.34	28.88	25.363	70.46	30.779	65.73	33.108	37.50
дек.	4	59.197	23.31	59.61	31.56	25.501	69.63	30.925	65.42	33.246	36.46
	14	59.298	22.55	59.79	34.25	25.602	68.77	31.035	65.08	33.348	35.41
	24	59.360	21.80	59.87	36.89	25.664	67.94	31.105	64.75	33.410	34.38
	34	59.382	21.09	59.84	39.39	25.684	67.16	31.130	64.45	33.431	33.42
Ср. место.		55.812	12.82	52.78	21.93	22.173	59.25	27.452	55.11	29.962	26.28
Eichelb.		-72	+19	-70	+21	-53	+109	-75	+1	-50	+67

День.	132) ϵ Aurigae. XII 4		133) ϵ Aurigae. XII 5		134) 10 Camelopardalis. XII 5		136) ϵ Tauri. XII 6		137) 11 Orionis. XII 6	
	h m	$^{\circ}$ ' "	h m	$^{\circ}$ ' "	h m	$^{\circ}$ ' "	h m	$^{\circ}$ ' "	h m	$^{\circ}$ ' "
1928	4 52	+33 3	4 56	+43 43	4 56	+60 20	4 58	+21 29	5 0	+15 18
Янв. 0	18.283	15.85	48.183	10.74	61.07	27.44	47.552	20.16	27.368	19.18
10	18.280	16.60	48.177	12.08	61.03	29.60	47.558	20.28	27.375	18.95
20	18.227	17.26	48.112	13.27	60.90	31.54	47.519	20.38	27.337	18.76
30	18.128	17.81	47.992	14.27	60.69	33.18	47.437	20.47	27.259	18.59
Февр. 9	17.988	18.21	47.826	15.04	60.42	34.46	47.318	20.52	27.144	18.45
19	17.817	18.44	47.622	15.55	60.09	35.34	47.168	20.53	27.001	18.33
29	17.624	18.50	47.393	15.77	59.74	36.78	46.998	20.49	26.835	18.21
Март 10	17.422	18.38	47.153	15.71	59.37	35.78	46.818	20.40	26.661	18.11
20	17.222	18.09	46.916	15.36	59.00	35.35	46.639	20.26	26.488	18.04
30	17.038	17.65	46.695	14.76	58.66	34.51	46.472	20.08	26.326	17.99
Апр. 9	16.880	17.10	46.504	13.94	58.36	33.30	46.327	19.89	26.184	17.98
19	16.759	16.46	46.355	12.94	58.12	31.80	46.215	19.71	26.073	18.04
29	16.681	15.78	46.255	11.82	57.95	30.06	46.141	19.56	26.000	18.18
Май 9	16.653	15.10	46.211	10.63	57.86	28.16	46.111	19.48	25.969	18.41
19	16.677	14.46	46.227	9.44	57.85	26.18	46.128	19.48	25.983	18.75
29	16.754	13.90	46.303	8.28	57.93	24.20	46.193	19.58	26.044	19.21
Июнь 8	16.882	13.44	46.438	7.21	58.10	22.27	46.304	19.79	26.149	19.79
18	17.058	13.12	46.629	6.26	58.34	20.46	46.460	20.12	26.296	20.47
28	17.278	12.94	46.870	5.46	58.66	18.83	46.655	20.56	26.481	21.25
Июль 8	17.537	12.91	47.157	4.85	59.04	17.42	46.885	21.11	26.702	22.12
18	17.828	13.03	47.481	4.43	59.48	16.27	47.145	21.74	26.950	23.04
28	18.144	13.28	47.835	4.20	59.97	15.40	47.428	22.43	27.220	23.99
Авг. 7	18.478	13.66	48.213	4.17	60.49	14.83	47.729	23.17	27.510	24.93
17	18.825	14.15	48.606	4.33	61.04	14.56	48.042	23.91	27.810	25.81
27	19.179	14.73	49.009	4.68	61.60	14.60	48.362	24.63	28.117	26.64
Сент. 6	19.534	15.38	49.415	5.19	62.17	14.95	48.684	25.31	28.427	27.35
16	19.886	16.08	49.819	5.86	62.74	15.61	49.005	25.92	28.736	27.94
26	20.231	16.81	50.215	6.67	63.30	16.55	49.319	26.45	29.040	28.37
Окт. 6	20.565	17.57	50.600	7.61	63.84	17.78	49.624	26.89	29.335	28.66
16	20.883	18.35	50.968	8.67	64.36	19.26	49.915	27.25	29.616	28.81
26	21.182	19.15	51.313	9.84	64.84	20.98	50.190	27.53	29.881	28.82
Нояб. 5	21.457	19.96	51.632	11.10	65.28	22.92	50.445	27.73	30.128	28.72
15	21.704	20.79	51.917	12.45	65.67	25.04	50.674	27.88	30.351	28.53
25	21.916	21.63	52.162	13.87	66.00	27.30	50.874	28.00	30.544	28.28
Дек. 5 ¹⁾	22.090	22.47	52.362	15.34	66.26	29.62	51.040	28.10	30.705	28.00
14	22.221	23.31	52.510	16.82	66.44	32.05	51.167	28.20	30.828	27.70
24	22.303	24.14	52.603	18.28	66.54	34.41	51.251	28.31	30.909	27.42
34	22.336	24.92	52.638	19.66	66.55	36.67	51.289	28.41	30.947	27.17
Ср. место.	18.112	12.62	47.899	6.20	60.35	21.11	47.394	18.62	27.200	18.51
Eichelb.	-87	+82	-58	+71	-93	-13	81	+34	-93	+33

¹⁾ Для звезды 132) дек. 4.

День.	138) γ Aurigae. XII 6		139) ε Leporis. XII 7		140) β Eridani. XII 7		141) μ Aurigae. XII 8		142) β Orionis. XII 9		
	h m	$^{\circ}$	h m	$^{\circ}$	h m	$^{\circ}$	h m	$^{\circ}$	h m	$^{\circ}$	
1928	5 1	+41 8	5 2	-22 27	5 4	-5 10	5 8	+38 24	5 11	-8 16	
Янв.	0	27.995	23.51	25.302	64.23	18.866	44.07	30.156	6.78	4.971	63.42
	10	27.996	24.71	25.275	66.28	18.863	45.38	30.168	7.85	4.972	64.90
	20	27.941	25.79	25.204	68.08	18.819	46.53	30.124	8.82	4.929	66.20
	30	27.833	26.71	25.094	69.57	18.735	47.50	30.028	9.66	4.847	67.30
Февр.	9	27.679	27.43	24.949	70.73	18.617	48.26	29.887	10.32	4.729	68.17
	19	27.488	27.91	24.776	71.53	18.471	48.80	29.709	10.79	4.582	68.80
	29	27.272	28.14	24.584	71.96	18.305	49.12	29.504	11.04	4.415	69.17
Март	10	27.043	28.11	24.382	72.02	18.130	49.22	29.286	11.05	4.236	69.29
	20	26.816	27.82	24.181	71.70	17.954	49.09	29.068	10.84	4.057	69.15
	30	26.603	27.30	23.992	71.01	17.789	48.73	28.863	10.42	3.887	68.75
Апр.	9	26.419	26.57	23.822	69.97	17.643	48.15	28.682	9.81	3.735	68.11
	19	26.273	25.69	23.681	68.60	17.525	47.34	28.538	9.06	3.611	67.22
	29	26.174	24.70	23.576	66.92	17.441	46.32	28.438	8.20	3.520	66.10
Май	9	26.129	23.64	23.512	64.96	17.397	45.10	28.389	7.30	3.467	64.76
	19	26.141	22.58	23.492	62.75	17.395	43.69	28.335	6.39	3.457	63.22
	29	26.211	21.55	23.517	60.35	17.437	42.11	28.456	5.51	3.490	61.51
Июнь	8	26.338	20.61	23.588	57.81	17.522	40.40	28.571	4.71	3.566	59.65
	18	26.518	19.79	23.703	55.18	17.648	38.58	28.739	4.01	3.684	57.69
	28	26.748	19.11	23.858	52.52	17.812	36.70	28.954	3.44	3.840	55.67
Июль	8	27.020	18.59	24.051	49.91	18.009	34.82	29.212	3.02	4.030	53.66
	18	27.330	18.25	24.276	47.42	18.226	32.98	29.505	2.76	4.250	51.70
	28	27.669	18.09	24.527	45.13	18.486	31.25	29.828	2.65	4.495	49.85
Авг.	7	28.031	18.10	24.800	43.09	18.755	29.66	30.173	2.69	4.759	48.17
	17	28.409	18.28	25.088	41.38	19.036	28.27	30.535	2.87	5.037	46.73
	27	28.796	18.62	25.386	40.06	19.326	27.15	30.907	3.29	5.325	45.56
Сент.	6	29.187	19.09	25.689	39.17	19.619	26.32	31.285	3.62	5.617	44.71
	16	29.578	19.70	25.991	38.75	19.911	25.81	31.662	4.15	5.910	44.21
	26	29.962	20.43	26.288	38.81	20.198	25.65	32.034	4.78	6.199	44.08
Окт.	6	30.335	21.27	26.575	39.35	20.477	25.83	32.397	5.49	6.480	44.32
	16	30.692	22.21	26.847	40.35	20.744	26.34	32.746	6.27	6.750	44.92
	26	31.030	23.23	27.100	41.76	20.994	27.16	33.077	7.13	7.004	45.85
Нояб.	5	31.342	24.34	27.329	43.54	21.225	28.23	33.385	8.05	7.239	47.07
	15	31.622	25.53	27.530	45.60	21.431	29.51	33.664	9.04	7.450	48.51
	25	31.866	26.77	27.698	47.87	21.609	30.95	33.909	10.09	7.632	50.12
Дек.	5	32.066	28.06	27.830	50.24	21.754	32.46	34.112	11.19	7.782	51.82
	14	32.218	29.38	27.920	52.64	21.863	33.99	34.268	12.31	7.894	53.54
	24	32.316	30.68	27.968	54.97	21.932	35.48	34.374	13.44	7.967	55.22
	34	32.358	31.92	27.972	57.15	21.958	36.88	34.424	14.53	7.997	56.80
Ср. место Eichelb.		27.728 -61	19.40 +43	24.765 -81	59.83 -11	18.567 -71	41.96 +24	29.898 -45	3.16 -18	4.624 -54	61.17 +30

День.	143) α Aurigae.			145) λ Aurigae.			147) η Orionis m.			148) γ Orionis.			149) β Tauri.					
	XII 9			XII 10			XII 11			XII 11			XII 12					
1928	h	m	°	h	m	°	h	m	°	h	m	°	h	m	°	h	m	°
	5	11	+45 55	5	14	+40 2	5	20	- 2 27	5	21	+6 17	5	21	+28 32			
Янв.	0	22.385	40.02	4.714	16.27	51.700	44.91	16.352	8.23	44.578	55.64							
	10	22.395	41.49	4.733	17.43	51.714	46.14	16.373	7.47	44.607	56.16							
	20	22.342	42.83	4.695	18.48	51.685	47.22	16.350	6.81	44.586	56.65							
	30	22.231	43.99	4.603	19.40	51.615	48.13	16.285	6.26	44.516	57.09							
Февр.	9	22.068	44.93	4.463	20.14	51.507	48.86	16.182	5.82	44.403	57.47							
	19	21.863	45.60	4.284	20.68	51.370	49.89	16.048	5.50	44.254	57.75							
	29	21.629	45.98	4.076	20.97	51.209	49.73	15.891	5.29	44.078	57.91							
Март	10	21.379	46.05	3.854	21.03	51.037	49.86	15.720	5.20	43.888	57.95							
	20	21.128	45.81	3.630	20.84	50.861	49.80	15.547	5.22	43.694	57.87							
	30	20.892	45.29	3.418	20.41	50.693	49.53	15.382	5.36	43.510	57.68							
Апр.	9	20.683	44.52	3.230	19.78	50.542	49.06	15.234	5.62	43.345	57.39							
	19	20.514	43.53	3.080	18.99	50.416	48.39	15.112	6.00	43.211	57.03							
	19	20.394	42.39	2.973	18.10	50.324	47.53	15.024	6.52	43.115	56.63							
Май	9	20.330	41.14	2.916	17.10	50.269	46.48	14.974	7.17	43.063	56.22							
	19	20.327	39.84	2.917	16.09	50.256	45.25	14.966	7.96	43.059	55.83							
	29	20.386	38.55	2.975	15.13	50.286	43.86	15.002	8.88	43.104	55.50							
Июнь	8	20.506	37.31	3.087	14.21	50.358	42.33	15.081	9.92	43.198	55.24							
	18	20.684	36.17	3.251	13.88	50.472	40.70	15.201	11.06	43.339	55.06							
	28	20.916	35.17	3.464	12.68	50.623	39.01	15.359	12.28	43.523	54.99							
Июль	8	21.195	34.33	3.723	12.12	50.809	37.29	15.552	13.54	43.745	55.03							
	18	21.515	33.67	4.019	11.72	51.025	35.60	15.775	14.81	44.000	55.16							
	28	21.870	33.20	4.345	11.46	51.265	34.00	16.022	16.05	44.283	55.39							
Авг.	7	22.251	32.93	4.694	11.38	51.525	32.53	16.288	17.22	44.588	55.69							
	17	22.651	32.85	5.063	11.44	51.800	31.23	16.569	18.27	44.909	56.04							
	27	23.064	32.97	5.442	11.65	52.086	30.17	16.861	19.16	45.241	56.44							
Сент.	6	23.484	33.27	4.828	11.97	52.377	29.37	17.157	19.87	45.579	56.86							
	16	23.905	33.75	6.214	12.42	52.670	28.87	17.455	20.36	45.919	57.28							
	26	24.321	34.39	6.598	12.98	52.961	28.68	17.751	20.61	46.257	57.70							
Окт.	6	24.727	35.19	6.974	13.65	53.246	28.83	18.041	20.62	46.588	58.10							
	16	25.119	36.14	7.334	14.39	53.521	29.28	18.322	20.41	46.910	58.49							
	26	25.490	37.22	7.678	15.24	53.783	30.02	18.590	19.98	47.217	58.87							
Нояб.	5	25.835	38.43	8.001	16.18	54.026	31.00	18.841	19.37	47.506	59.24							
	15	26.148	39.76	8.293	17.20	54.248	32.18	19.070	18.61	47.771	59.63							
	25	26.420	41.19	8.549	18.27	54.443	33.51	19.273	17.76	48.006	60.04							
Дек.	5	26.646	42.70	8.765	19.43	54.607	34.91	19.444	16.85	48.206	60.47							
	14	26.819	44.25	8.935	20.61	54.734	36.34	19.579	15.93	48.365	60.93							
	24	26.934	45.81	9.049	21.82	54.821	37.73	19.674	15.04	48.478	61.42							
	34	26.987	47.33	9.107	23.01	54.865	39.04	19.726	14.22	48.543	61.93							
Ср. место Eichelb.		22.021 -36	35.64 +50	4.424 -31	12.60 - 4	51.393 - 113	43.71 - 8	16.105 - 65	8.44 +78	44.352 -79	53.36 +17							

День.	150) β Leporis. XII 12		151) γ Aurigae. XII 13		152) δ Orionis. XII 13		153) α Leporis. XII 13		154) 37 γ' Orionis. XII 14	
	h m	°	h m	°	h m	°	h m	°	h m	°
1928	5 25	-20 48	5 28	+32 8	5 28	- 0 20	5 29	-17 52	5 30	+9 26
Янв. 0	10.189	59.99	2.663	27.23	19.958	65.14	33.767	24.20	52.250	31.84
10	10.185	62.09	2.697	27.95	19.981	66.28	33.771	26.20	52.282	31.24
20	10.136	63.98	2.679	28.66	19.959	67.29	33.730	27.99	52.268	30.71
30	10.044	65.57	2.609	29.28	19.895	68.13	33.647	29.51	52.211	30.29
Февр. 9	9.914	66.85	2.495	29.82	19.793	68.81	33.525	30.74	52.113	29.97
19	9.753	67.79	2.344	30.22	19.660	69.31	33.371	31.65	51.984	29.73
29	9.569	68.38	2.162	30.52	19.503	69.63	33.194	32.23	51.829	29.58
Март 10	9.371	68.60	1.965	30.61	19.331	69.76	33.003	32.47	51.660	29.51
20	9.171	68.46	1.764	30.58	19.156	69.72	32.808	32.36	51.484	29.51
30	8.977	67.96	1.570	30.38	18.987	69.49	32.619	31.92	51.316	29.61
Апр. 9	8.800	67.12	1.397	30.04	18.835	69.09	32.446	31.16	51.164	29.79
19	8.648	65.95	1.251	29.63	18.707	68.50	32.298	30.08	51.038	30.08
29	8.530	64.46	1.146	29.10	18.611	67.74	32.182	28.71	50.944	30.46
Май 9	8.450	62.69	1.086	28.54	18.552	66.80	32.103	27.07	50.889	30.94
19	8.412	60.66	1.076	27.98	18.585	65.69	32.066	25.18	50.874	31.55
29	8.418	58.43	1.116	27.45	18.560	64.44	32.072	23.09	50.903	32.30
Июнь 8	8.468	56.04	1.202	26.99	18.627	63.05	32.121	20.84	50.976	33.15
18	8.562	53.55	1.342	26.60	18.735	61.56	32.213	18.48	51.090	34.07
28	8.696	50.99	1.524	26.26	18.881	60.00	32.345	16.07	51.242	35.08
Июль 8	8.868	48.46	1.746	26.08	19.063	58.42	32.514	13.67	51.430	36.15
18	9.073	46.03	2.005	25.97	19.274	56.85	32.716	11.35	51.648	37.21
28	9.306	43.76	2.293	26.01	19.511	55.35	32.946	9.17	51.892	38.27
Авг. 7	9.563	41.72	2.604	26.12	19.768	53.96	33.199	7.21	52.155	39.28
17	9.839	39.98	2.932	26.29	20.041	52.74	33.470	5.52	52.435	40.21
27	10.127	38.60	3.272	26.57	20.325	51.73	33.755	4.18	52.725	41.00
Сент. 6	10.424	37.64	3.628	26.88	20.616	50.96	34.048	3.22	53.024	41.63
16	10.724	37.13	3.975	27.22	20.910	50.47	34.345	2.70	53.325	42.07
26	11.022	37.09	4.329	27.62	21.202	50.28	34.641	2.62	53.626	42.31
Окт. 6	11.315	37.52	4.673	28.02	21.490	50.40	34.932	2.99	53.921	42.34
16	11.596	38.42	5.011	28.47	21.769	50.81	35.214	3.80	54.210	42.17
26	11.862	39.73	5.333	28.90	22.036	51.49	35.481	5.03	54.488	41.82
Нояб. 5	12.109	41.42	5.636	29.41	22.286	52.40	35.729	6.61	54.749	41.31
15	12.329	43.40	5.915	29.92	22.516	53.50	35.953	8.48	54.989	40.68
25	12.520	45.62	6.166	30.53	22.719	54.74	36.149	10.57	55.203	39.96
Дек. 5	12.676	47.96	6.378	31.16	22.891	56.06	36.310	12.78	55.388	39.20
14	12.791	50.35	6.550	31.84	23.027	57.39	36.432	15.05	55.536	38.45
24	12.864	52.69	6.676	32.54	23.123	58.69	36.513	17.28	55.644	37.73
34	12.891	54.92	6.748	33.25	23.176	59.91	36.548	19.40	55.706	37.06
Ср. место Eichelb.	9.634 131	57.13 +61	2.404 -81	24.65 +115	19.654 -60	64.39 +54	33.254 -64	21.84 +41	52.000 -57	31.54 +73

День.	157) α Orionis.			158) ζ Tauri.			159) σ Orionis m			160) ζ Orionis.			161) γ Leporis		
	XII 14			XII 14			XII 15			XII 15			XII 17		
1928	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$
	5	32	-1 14	5	33	+21 6	5	35	- 2 38	5	37	- 1 58	5	41	-22 27
Янв. 0	33.884	48.74		20.673	1.44		8.183	26.17		7.863	46.91		28.324	77.18	
10	33.910	49.95		20.712	1.51		8.210	27.45		7.891	48.17		28.332	79.44	
20	33.891	51.01		20.703	1.62		8.192	28.58		7.875	49.27		28.293	81.48	
30	33.829	51.90		20.647	1.74		8.131	29.55		7.818	50.20		28.209	83.24	
Февр. 9	33.729	52.62		20.549	1.87		8.031	30.32		7.721	50.96		28.085	84.69	
19	33.597	53.15		20.415	1.98		7.899	30.90		7.591	51.52		27.927	85.79	
29	33.440	53.49		20.254	2.06		7.743	31.27		7.435	51.90		27.743	86.52	
Март 10	33.269	53.65		20.077	2.10		7.571	31.44		7.264	52.07		27.543	86.88	
20	33.094	53.61		19.895	2.10		7.395	31.41		7.087	52.04		27.337	86.86	
30	32.924	53.38		19.718	2.06		7.223	31.17		6.916	51.82		27.136	86.47	
Апр. 9	32.769	52.96		19.559	1.99		7.067	30.74		6.760	51.40		26.950	85.72	
19	32.638	52.36		19.427	1.91		6.935	30.10		6.627	50.80		26.785	84.63	
29	32.539	51.57		19.328	1.84		6.833	29.27		6.525	49.99		26.652	83.21	
Май 9	32.477	50.60		19.270	1.80		6.768	28.25		6.459	49.00		26.556	81.48	
19	32.455	49.46		19.256	1.81		6.744	27.05		6.433	47.83		26.501	79.49	
29	32.476	48.17		19.288	1.88		6.761	25.70		6.449	46.52		26.488	77.28	
Июнь 8	32.539	46.75		19.366	2.04		6.820	24.21		6.507	45.07		26.520	74.89	
18	32.642	45.23		19.489	2.28		6.920	22.61		6.606	43.53		26.596	72.38	
28	32.784	43.64		19.652	2.60		7.059	20.95		6.743	41.91		26.712	69.81	
Июль 8	32.961	42.02		19.851	3.00		7.233	19.27		6.916	40.26		26.867	67.25	
18	33.168	40.42		20.083	3.46		7.437	17.61		7.119	38.64		27.057	64.77	
28	33.401	38.89		20.342	3.96		7.667	16.03		7.346	37.09		27.277	62.45	
Авг. 7	33.656	37.48		20.623	4.49		7.918	14.58		7.596	35.67		27.523	60.35	
17	33.926	36.24		20.920	5.01		8.187	13.30		7.865	34.41		27.789	58.55	
27	34.208	35.22		21.229	5.50		8.467	12.25		8.144	33.38		28.072	57.11	
Сент. 6	34.498	34.45		21.546	5.94		8.755	11.47		8.433	32.61		28.365	56.08	
16	34.791	33.97		21.866	6.31		9.047	10.99		8.724	32.12		28.665	55.51	
26	35.083	33.79		22.186	6.59		9.339	10.82		9.017	31.96		28.966	55.43	
Окт. 6	35.372	33.92		22.501	6.79		9.628	10.98		9.306	32.12		29.264	55.83	
16	35.652	34.35		22.809	6.90		9.910	11.45		9.589	32.58		29.554	56.71	
26	35.921	35.07		23.106	6.93		10.179	12.22		9.861	33.32		29.831	58.03	
Нояб. 5	36.174	36.03		23.387	6.90		10.433	13.24		10.116	34.31		30.089	59.75	
15	36.406	37.19		23.646	6.84		10.666	14.46		10.351	35.52		30.324	61.79	
25	36.612	38.49		23.878	6.76		10.874	15.83		10.561	36.85		30.529	64.09	
Дек. 5	36.787	39.86		24.079	6.69		11.050	17.29		10.739	38.28		30.699	66.53	
15*)	36.926	41.26		24.241	6.65		11.191	18.77		10.884	39.74		30.830	69.05	
24	37.026	42.63		24.360	6.64		11.291	20.22		10.988	41.15		30.916	71.54	
34	37.082	43.91		24.433	6.68		11.349	21.59		11.047	42.49		30.956	73.92	
Ср. место	33.566	48.04		20.440	0.00		7.850	25.42		7.533	46.28		27.712	15.17	
Eichelb.	-63	+40		-56	+64		-68	+47		-83	+98		-127	+56	

*) Для звезд 157) и 158). декабрь 14.

День.	162) α Orionis. XII 17		164) ν Aurigae. XII 18		166) ξ Aurigae. XII 18		167) α Orionis. XII 19		168) γ Leporis. XII 19	
	h m	°	h m	°	h m	°	h m	°	h m	°
1928	5 44	- 9 41	5 46	+ 39 7	5 48	+ 55 41	5 51	+ 7 23	5 53	- 14 10
Янв. 0	20.900	39.66	30.269	47.43	49.384	35.42	16.705	42.32	8.000	48.22
10	20.928	41.34	30.326	48.56	49.442	37.45	16.754	41.55	8.031	50.15
20	20.911	42.85	30.324	49.67	49.418	39.41	16.757	40.89	8.015	51.89
30	20.850	44.14	30.264	50.69	49.317	41.21	16.715	40.34	7.955	53.41
Февр. 9	20.749	45.19	30.152	51.60	49.145	42.78	16.631	39.92	7.854	54.65
19	20.614	45.99	29.995	52.34	48.914	44.04	16.511	39.62	7.718	55.61
29	20.454	46.52	29.804	52.88	48.636	44.97	16.363	39.44	7.554	56.26
Март 10	20.277	46.78	29.590	53.20	48.328	45.52	16.197	39.36	7.373	56.61
20	20.094	46.77	29.368	53.29	48.008	45.68	16.024	39.38	7.184	56.65
30	19.915	46.49	29.151	53.15	47.694	45.45	15.853	39.51	6.997	56.38
Апр. 9	19.749	45.95	28.951	52.80	47.403	44.86	15.695	39.75	6.823	55.81
19	19.605	45.15	28.780	52.26	47.151	43.93	15.559	40.09	6.670	54.95
29	19.492	44.11	28.648	51.57	46.948	42.72	15.453	40.54	6.546	53.82
Май 9	19.413	42.85	28.563	50.76	46.808	41.27	15.382	41.10	6.456	52.43
19	19.374	41.37	28.528	49.88	46.735	39.64	15.351	41.78	6.404	50.80
29	19.377	39.71	28.547	48.98	46.735	37.92	15.361	42.58	6.394	48.97
Июнь 8	19.422	37.89	28.621	48.09	46.808	36.16	15.414	43.48	6.426	46.97
18	19.508	35.97	28.747	47.24	46.951	34.43	15.508	44.46	6.499	44.85
28	19.632	33.98	28.922	46.46	47.163	32.75	15.641	45.52	6.612	42.67
Июль 8	19.792	31.97	29.142	45.78	47.438	31.17	15.809	46.62	6.761	40.47
18	19.985	30.01	29.402	45.21	47.768	29.75	16.009	47.72	6.944	38.32
28	20.205	28.15	29.695	44.75	48.147	28.52	16.236	48.80	7.155	36.28
Авг. 7	20.448	26.45	30.017	44.42	48.566	27.50	16.485	49.81	7.391	34.43
17	20.709	24.98	30.361	44.20	49.018	26.70	16.752	50.72	7.648	32.82
27	20.985	23.77	30.723	44.10	49.496	26.14	17.033	51.48	7.920	31.51
Сент. 6	21.271	22.89	31.096	44.10	49.993	25.82	17.324	52.06	8.204	30.55
16	21.562	22.37	31.476	44.21	50.502	25.73	17.621	52.43	8.495	29.98
26	21.855	22.23	31.858	44.42	51.014	25.92	17.920	52.59	8.789	29.83
Окт. 6	22.145	22.48	32.239	44.72	51.525	26.36	18.218	52.51	9.083	30.11
16	22.428	23.10	32.612	45.12	52.026	27.04	18.512	52.21	9.371	30.80
26	22.701	24.08	32.974	45.62	52.509	27.98	18.797	51.71	9.649	31.89
Нояб. 5	22.959	25.38	33.319	46.23	52.968	29.17	19.069	51.03	9.913	33.32
15	23.196	26.93	33.639	46.95	53.391	30.58	19.322	50.22	10.156	35.05
25	23.407	28.66	33.928	47.77	53.770	32.19	19.552	49.31	10.373	36.99
Дек. 5	23.587	30.52	34.179	48.70	54.094	34.00	19.753	48.36	10.558	39.07
15	23.731	32.42	34.384	49.72	54.355	35.95	19.918	47.40	10.707	41.22
24	23.834	34.29	34.538	50.80	54.544	37.97	20.043	46.49	10.814	43.34
34	23.893	36.07	34.636	51.92	54.656	40.02	20.124	45.65	10.877	45.37
Ср. место	20.480	38.69	29.915	44.66	48.664	31.66	16.418	41.87	7.513	47.38
Bichelb.	- 42	+ 36	- 41	+ 28	- 62	+ 55	- 63	+ 35	- 68	+ 56

День.	169) ζ Aurigae.			170) β Aurigae.			171) θ Aurigae.			172) μ Orionis.			174) ν Orionis.		
	XII 20			XII 20			XII 20			XII 21			XII 22		
	h	m	s	h	m	s	h	m	s	h	m	s	h	m	s
1928	5	53	+54 16	5	54	+44 56	5	54	+37 12	5	58	+9 38	6	3	+14 46
Янв. 0	36.590	55.83		15.308	33.89		49.038	35.16		25.609	55.92		27.930	42.82	
10	36.656	57.80		15.376	35.36		49.106	36.17		25.666	55.26		27.996	42.46	
20	36.644	59.70		15.378	36.79		49.115	37.18		25.677	54.70		28.013	42.19	
30	36.556	61.46		15.317	38.12		49.067	38.14		25.641	54.27		27.983	42.00	
Февр. 9	36.399	63.00		15.197	39.30		48.966	39.00		25.562	53.93		27.908	41.89	
19	36.182	64.27		15.027	40.28		48.820	39.73		25.447	53.69		27.794	41.85	
29	35.919	65.21		14.818	41.02		48.639	40.28		25.302	53.56		27.650	41.86	
Март 10	35.626	65.79		14.583	41.49		48.434	40.63		25.137	53.52		27.485	41.90	
20	35.320	65.99		14.337	41.66		48.219	40.78		24.964	53.55		27.310	41.98	
30	35.017	65.81		14.094	41.55		48.007	40.72		24.791	53.67		27.135	42.08	
Апр. 9	34.736	65.28		13.868	41.16		47.810	40.46		24.631	53.86		26.972	42.20	
19	34.491	64.42		13.673	40.53		47.640	40.02		24.491	54.14		26.830	42.37	
29	34.294	63.27		13.518	39.68		47.506	39.41		24.382	54.51		26.716	42.57	
Май 9	34.155	61.90		13.412	38.67		47.416	38.74		24.306	54.98		26.638	42.82	
19	34.081	60.36		13.361	37.55		47.376	37.97		24.271	55.55		26.600	43.14	
29	34.077	58.71		13.368	36.35		47.388	37.17		24.277	56.22		26.604	43.53	
Июнь 8	34.143	57.01		13.433	35.14		47.451	36.37		24.324	56.98		26.650	43.99	
18	34.279	55.32		13.555	33.95		47.566	35.61		24.414	57.82		26.739	44.52	
28	34.480	53.69		13.732	32.81		47.729	34.90		24.542	58.72		26.867	45.11	
Июль 8	34.741	52.17		13.959	31.77		47.936	34.28		24.706	59.67		27.032	45.74	
18	35.056	50.78		14.230	30.84		48.182	33.75		24.903	60.62		27.229	46.40	
28	35.419	49.57		14.539	30.04		48.462	33.33		25.126	61.57		27.455	47.06	
Авг. 7	35.822	48.54		14.881	29.39		48.770	33.00		25.371	62.45		27.705	47.69	
17	36.258	47.72		15.248	28.89		49.102	32.77		25.637	63.24		27.975	48.26	
27	36.719	47.13		15.636	28.55		49.451	32.64		25.918	63.91		28.260	48.74	
Сент. 6	37.198	46.77		16.039	28.36		49.813	32.59		26.208	64.42		28.556	49.11	
16	37.690	46.64		16.451	28.32		50.183	32.62		26.506	64.73		28.860	49.35	
26	38.187	46.76		16.867	28.43		50.556	32.74		26.809	64.86		29.169	49.43	
Окт. 6	38.683	47.11		17.283	28.70		50.929	32.93		27.110	64.78		29.479	49.36	
16	39.170	47.71		17.692	29.13		51.297	33.20		27.409	64.50		29.786	49.15	
26	39.642	48.55		18.090	29.71		51.656	33.56		27.699	64.02		30.086	48.80	
Нояб. 5	40.091	49.62		18.469	30.45		51.998	34.01		27.979	63.40		30.374	48.34	
15	40.507	50.92		18.823	31.35		52.318	34.56		28.240	62.66		30.646	47.80	
25	40.882	52.42		19.144	32.41		52.610	35.21		28.478	61.84		30.895	47.22	
Дек. 5	41.205	54.11		19.423	33.61		52.865	35.97		28.688	60.98		31.115	46.63	
15	41.468	55.95		19.653	34.93		53.077	36.83		28.862	60.13		31.300	46.08	
24	41.662	57.88		19.827	36.33		53.239	37.76		28.998	59.33		31.445	45.58	
34	41.781	59.86		19.939	37.78		53.346	38.75		29.087	58.60		31.544	45.15	
Ср. место	35.908	52.34		14.855	30.96		48.691	32.73		25.323	55.21		27.653	41.78	
Eichelb.	- 85	+ 3		- 102	+ 23		- 79	+ 82		- 108	+ 35		- 83	+ 95	

День.	175) ϵ Orionis.			176) γ Geminorum.			178) 22 Н Camelopardalis.			179) 2 Lyncis.			180) ζ Canis maj.		
	XII 23			XII 24			XII 24			XII 25			XII 26		
	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$
1928	6	7	+14 13	6	10	+22 31	6	10	+ 69 20	6	13	+ 59 2	6	17	- 30 1
Янв.	0	51.077	35.48	32.182	46.24		56.70	55.88		17.251	23.69		33.768	49.55	
	10	51.145	35.09	32.261	46.34		56.80	58.58		17.352	25.92		33.801	52.28	
	20	51.166	34.78	32.287	46.51		56.77	61.20		17.363	28.11		33.782	54.80	
	30	51.138	34.56	32.263	46.74		56.62	63.66		17.288	30.16		33.712	57.05	
Февр.	9	51.067	34.42	32.191	46.99		56.35	65.86		17.128	32.02		33.596	58.97	
	19	50.956	34.37	32.077	47.25		55.99	67.71		16.900	33.60		33.439	60.51	
	29	50.816	34.36	31.931	47.49		55.54	69.14		16.612	34.85		33.250	61.65	
Март	10	50.650	34.42	31.761	47.69		55.08	70.11		16.285	35.72		33.038	62.38	
	20	50.476	34.49	31.579	47.84		54.50	70.59		15.934	36.16		32.814	62.68	
	30	50.301	34.60	31.397	47.94		53.97	70.56		15.582	36.19		32.588	62.56	
Апр.	9	50.139	34.74	31.225	47.98		53.46	70.03		15.247	35.81		32.371	62.02	
	19	49.994	34.92	31.074	47.98		53.00	69.05		14.947	35.04		32.172	61.08	
	29	49.879	35.14	30.952	47.95		52.61	67.66		14.695	33.93		32.000	59.76	
Май	9	49.799	35.41	30.867	47.90		52.30	65.93		14.505	32.54		31.861	58.08	
	19	49.758	35.77	30.822	47.86		52.09	63.92		14.384	30.90		31.760	56.09	
	29	49.757	36.19	30.821	47.84		51.99	61.70		14.337	29.10		31.701	53.82	
Июнь	8	49.800	36.67	30.865	47.85		52.01	59.35		14.367	27.20		31.686	51.32	
	18	49.883	37.21	30.952	47.91		52.13	56.95		14.476	25.27		31.716	48.66	
	28	50.005	37.84	31.081	48.02		52.36	54.56		14.657	23.33		31.789	45.90	
Июль	8	50.168	38.47	31.248	48.18		52.70	52.25		14.910	21.48		31.903	43.12	
	18	50.359	39.14	31.450	48.37		53.13	50.08		15.227	19.73		32.057	40.38	
	28	50.582	39.81	31.682	48.59		53.64	48.10		15.600	18.14		32.246	37.78	
Авг.	7	50.827	40.45	31.939	48.82		54.23	46.35		16.022	16.73		32.467	35.39	
	17	51.093	41.02	32.217	49.04		54.89	44.86		16.487	15.53		32.716	33.30	
	27	51.375	41.49	32.513	49.23		55.59	43.67		16.987	14.57		32.988	31.57	
Сент.	6	51.669	41.84	32.822	49.38		56.33	42.81		17.512	13.84		33.278	30.27	
	16	51.972	42.07	33.140	49.46		57.11	42.28		18.057	13.39		33.582	29.46	
	26	52.280	42.12	33.463	49.46		57.90	42.10		18.614	13.20		33.895	29.17	
Окт.	6	52.589	42.01	33.788	49.40		58.69	42.29		19.174	13.30		34.211	29.43	
	16	52.896	41.77	34.112	49.27		59.48	42.85		19.730	13.69		34.525	30.23	
	26	53.198	41.38	34.430	49.08		60.24	43.77		20.275	14.38		34.830	31.54	
Нояб.	5	53.490	40.87	34.737	48.86		60.97	45.06		20.798	15.35		35.121	33.32	
	15	53.764	40.29	35.028	48.62		61.64	46.69		21.287	16.61		35.390	35.51	
	25	54.015	39.66	35.296	48.40		62.25	48.64		21.732	18.12		35.631	38.03	
Дек.	5	54.238	39.02	35.534	48.23		62.77	50.87		22.121	19.89		35.836	40.77	
	15	54.427	38.43	35.736	48.11		63.20	53.32		22.445	21.86		36.001	43.65	
	24*)	54.577	37.88	35.896	48.07		63.51	55.93		22.692	23.96		36.119	46.55	
	34	54.678	37.41	36.009	48.11		63.69	58.61		22.853	26.16		36.187	49.38	
Ср. место		50.794	34.45	31.899	44.83		55.00	52.57		16.333	20.89		32.957	49.67	
Eichelb.		- 120	+ 66	- 92	+ 35		-130	+ 8		- 99	+ 16		- 124	+ 50	

*) Для Звезд 179) и 180) декабрь 25.

День.	181) α Gemi- norum. XII 26		182) β Canis maj. XII 26		183) δ Mono- cerotis. XII 26		185) λ Mono- cerotis. XII 29		186) γ Gemi- norum. XII 30		
	h m	$^{\circ}$	h m	$^{\circ}$	h m	$^{\circ}$	h m	$^{\circ}$	h m	$^{\circ}$	
1928	6 18	+ 22 33	6 19	-17 54	6 19	+ 4 37	6 28	+7 23	6 33	+16 27	
Янв.	0	36.604	8.65	32.282	68.34	57.502	50.95	60.973	14.15	33.496	44.76
	10	36.690	8.73	32.334	70.56	57.576	49.94	61.059	13.27	33.594	44.43
	20	36.725	8.89	32.337	72.60	57.603	49.05	61.096	12.52	33.641	44.21
	30	36.708	9.11	32.293	74.41	57.582	48.32	61.083	11.91	33.637	44.09
Февр.	9	36.643	9.38	32.204	75.94	57.518	47.74	61.027	11.45	33.586	44.07
	19	36.536	9.66	32.077	77.16	57.414	47.31	60.931	11.13	33.492	44.12
	29	36.394	9.92	31.918	78.05	57.278	47.04	60.800	10.93	33.362	44.23
Март	10	36.227	10.15	31.738	78.60	57.120	46.90	60.645	10.85	33.207	44.37
	20	36.047	10.34	31.545	78.82	56.949	46.91	60.476	10.87	33.036	44.53
	30	35.865	10.47	31.351	78.70	56.777	47.04	60.308	11.01	32.860	44.70
Апр.	9	35.692	10.54	31.164	78.25	56.612	47.30	60.139	11.24	32.691	44.88
	19	35.538	10.56	30.995	77.48	56.466	47.69	59.989	11.58	32.538	45.06
	29	35.412	10.54	30.851	76.41	56.344	48.20	59.863	12.01	32.410	45.25
Май	9	35.322	10.51	30.738	75.05	56.254	48.84	59.770	12.54	32.313	45.47
	19	35.271	10.47	30.662	73.43	56.201	49.60	59.712	13.17	32.253	45.71
	29	35.264	10.45	30.625	71.58	56.187	50.47	59.692	13.89	32.233	45.99
Июнь	8	35.300	10.45	30.629	69.54	56.213	51.44	59.713	14.70	32.254	46.31
	18	35.379	10.49	30.674	67.36	56.279	52.50	59.773	15.58	32.316	46.67
	28	35.500	10.57	30.758	65.08	56.383	53.62	59.870	16.52	32.418	47.07
Июль	8	35.660	10.69	30.880	62.78	56.523	54.77	60.003	17.49	32.556	47.50
	18	35.854	10.84	31.037	60.54	56.695	55.92	60.170	18.46	32.729	47.93
	28	36.080	11.01	31.225	58.37	56.897	57.04	60.366	19.39	32.932	48.36
Авг.	7	36.331	11.19	31.441	56.39	57.123	58.07	60.588	20.25	33.162	48.76
	17	36.605	11.35	31.681	54.65	57.370	58.98	60.831	21.01	33.414	49.10
	27	36.897	11.48	31.941	53.21	57.635	59.72	61.094	21.63	33.686	49.36
Сент.	6	37.202	11.57	32.217	52.13	57.913	60.26	61.370	22.08	33.972	49.51
	16	37.518	11.59	32.504	51.47	58.201	60.58	61.659	22.30	34.271	49.55
	26	37.841	11.53	32.800	51.24	58.496	60.64	61.955	22.32	34.580	49.45
Окт.	6	38.168	11.40	33.099	51.48	58.795	60.45	62.256	22.10	34.894	49.20
	16	38.494	11.21	33.396	52.17	59.094	60.01	62.560	21.66	35.210	48.83
	26	38.815	10.96	33.688	53.29	59.388	59.33	62.859	21.01	35.524	48.35
Нояб.	5	39.127	10.67	33.968	54.81	59.673	58.46	63.153	20.19	35.831	47.77
	15	39.424	10.38	34.230	56.66	59.943	57.42	63.433	19.22	36.125	47.13
	25	39.698	10.11	34.469	58.77	60.192	56.26	63.691	18.17	36.400	46.47
Дек.	5	39.944	9.88	34.677	61.06	60.415	55.05	63.924	17.06	36.649	45.83
	15	40.155	9.72	34.849	63.44	60.604	53.83	64.126	15.96	36.865	45.24
	25	40.323	9.65	34.980	65.84	60.755	52.64	64.288	14.91	37.041	44.73
	34	40.445	9.67	35.064	68.16	60.861	51.55	64.406	13.95	37.172	44.31
Ср. место Eichelb.		36.314 - 89	7.28 + 20	31.721 - 61	68.74 + 20	57.177 - 100	50.08 + 110	60.658 - 93	13.06 + 53	33.204 - 85	43.55 + 30

День.	187) S Mono- cerotis.		188) ϵ Gemi- porum.		189) ζ Gemi- porum.		190) α Canis maj. (Sirius) ¹⁾		192) 18 Mono- cerotis.	
	h m	°	h m	°	h m	°	h m	°	h m	°
	1 0 ; XII 31		1 1 ; XII 31		1 1 ; XII 32		1 2 ; XII 32		1 2 ; XII 32	
1928	6 36	+9 57	6 39	+25 12	6 41	+12 58	6 41	-16 36	6 44	+2 29
Янв. 1*)	61.104	50.30	30.532	14.94	15.239	29.44	59.016	58.63	6.777	32.82
10	61.200	49.56	30.643	15.14	15.341	28.86	59.086	60.90	6.873	31.60
20	61.246	48.94	30.700	15.44	15.393	28.41	59.106	62.99	6.921	30.53
30	61.243	48.46	30.703	15.82	15.395	28.09	59.079	64.86	6.920	29.62
Февр. 9	61.194	48.11	30.655	16.25	15.350	27.88	59.007	66.48	6.873	28.89
19	61.102	47.89	30.561	16.69	15.261	27.78	58.893	67.79	6.784	28.33
29	60.976	47.77	30.428	17.11	15.137	27.77	58.744	68.79	6.660	27.96
Март 10	60.825	47.76	30.267	17.48	14.986	27.83	58.575	69.46	6.511	27.75
20	60.657	47.84	30.088	17.79	14.819	27.95	58.387	69.79	6.345	27.70
30	60.485	47.99	29.903	18.02	14.646	28.12	58.195	69.80	6.174	27.81
Апр. 9	60.319	48.21	29.723	18.16	14.478	28.33	58.007	69.50	6.007	28.07
19	60.168	48.50	29.560	18.22	14.325	28.57	57.835	68.88	5.853	28.46
29	60.040	48.87	29.421	18.20	14.194	28.86	57.686	67.96	5.721	28.99
Май 9	59.942	49.31	29.316	18.13	14.094	29.20	57.565	66.78	5.618	29.66
19	59.879	49.82	29.249	18.01	14.028	29.58	57.478	65.34	5.548	30.46
29	59.855	50.41	29.223	17.86	14.001	30.02	57.429	63.66	5.514	31.37
Июнь 8	59.870	51.07	29.240	17.71	14.014	30.51	57.419	61.81	5.519	32.39
18	59.925	51.79	29.301	17.57	14.067	31.05	57.449	59.80	5.563	33.49
28	60.018	52.56	29.404	17.44	14.158	31.62	57.516	57.70	5.643	34.65
Июль 8	60.147	53.35	29.546	17.33	14.286	32.22	57.620	55.58	5.759	35.85
18	60.310	54.14	29.724	17.24	14.448	32.83	57.760	53.47	5.908	37.03
28	60.502	54.91	29.935	17.16	14.640	33.41	57.932	51.44	6.087	38.17
Авг. 7	60.721	55.62	30.174	17.08	14.858	33.94	58.312	49.57	6.293	39.23
17	60.962	56.24	30.438	16.99	15.100	34.40	58.358	47.92	6.522	40.15
27	61.222	56.72	30.723	16.88	15.361	34.75	58.605	46.56	6.771	40.90
Сент. 6	61.498	57.05	31.025	16.73	15.638	34.96	58.870	45.55	7.036	41.43
16	61.786	57.20	31.340	16.55	15.929	35.02	59.150	44.94	7.315	41.72
26	62.084	57.16	31.666	16.31	16.230	34.91	59.442	44.74	7.605	41.74
Окт. 6	62.388	56.90	31.999	16.02	16.538	34.63	59.739	44.98	7.902	41.49
16	62.695	56.45	32.335	15.69	16.849	34.18	60.036	45.67	8.202	40.96
26	63.000	55.82	32.671	15.34	17.159	33.57	60.333	46.79	8.502	40.17
Нояб. 5	63.299	55.04	32.999	14.98	17.463	32.84	60.621	48.31	8.796	39.15
15	63.585	54.14	33.315	14.64	17.756	32.03	60.894	50.16	9.078	37.95
25	63.853	53.16	33.611	14.36	18.031	31.16	61.146	52.28	9.343	36.62
Дек. 5	64.096	52.16	33.881	14.16	18.281	30.29	61.370	54.58	9.584	35.21
15	64.307	51.17	34.116	14.05	18.499	29.46	61.560	57.00	9.793	33.79
25	64.479	50.25	34.310	14.06	18.678	28.69	61.707	59.44	9.964	32.40
34	64.606	49.42	34.456	14.17	18.813	28.03	61.811	61.80	10.092	31.09
Ср. место Eichelb.	60.798 - 84	49.10 + 25	30.226 - 100	13.72 + 44	14.941 - 79	28.20 + 62	58.477 - 51	60.01 - 23	6.437 - 123	31.44 + 100

¹⁾ Параллакс (0''.37) учтен. ²⁾ Для звезды 187) январь 0.

День.	193) ♄ Gemini- porum.			195) 24 Н Са- melopardalis.			194) 38e Ge- minorum.			196) ♀ Canis maj.			197) 15 Lyn- cis.		
	1 3 ; XII 33			1 4 ; XII 34			1 4 ; XII 34			1 4 ; XII 34			1 4 ; XII 34		
1928	h m	°		h m	°		h m	°		h m	°		h m	°	
	6 48	+34 2		6 49	+77 4		6 50	+13 16		6 50	-11 56		6 51	+58 3'	
Янв.	1	3.113	59.54	38.94	22.67	35.275	15.41	51.160	48.38	3.854	70.03				
	10	3.241	60.28	39.21	25.63	35.387	14.83	51.249	50.42	4.026	72.16				
	20	3.311	61.10	39.28	28.60	35.448	14.37	51.289	52.31	4.108	74.34				
	30	3.322	61.98	39.15	31.49	35.458	14.05	51.281	53.99	4.100	76.49				
Февр.	9	3.277	62.87	38.83	34.17	35.421	13.87	51.226	55.43	4.004	78.53				
	19	3.181	63.72	38.34	36.56	35.341	13.79	51.129	56.61	3.830	80.38				
	29	3.041	64.49	37.70	38.55	35.222	13.79	50.997	57.50	3.589	81.95				
Март	10	2.868	65.14	36.94	40.07	35.077	13.87	50.838	58.10	3.297	83.19				
	20	2.674	65.63	36.12	41.08	34.911	14.01	50.662	58.42	2.971	84.04				
	30	2.472	65.95	35.25	41.54	34.740	14.20	50.480	58.45	2.630	84.49				
Апр.	9	2.274	66.09	34.40	41.45	34.572	14.43	50.300	58.19	2.292	84.53				
	19	2.091	66.05	33.59	40.82	34.417	14.68	50.133	57.67	1.977	84.16				
	29	1.935	65.85	32.85	39.70	34.285	14.98	49.987	56.88	1.699	83.41				
Май	9	1.812	65.51	32.23	38.12	34.179	15.31	49.867	55.85	1.470	82.32				
	19	1.729	65.05	31.74	36.16	34.108	15.68	49.779	54.58	1.302	80.94				
	29	1.691	64.50	31.40	33.89	34.074	16.11	49.727	53.11	1.202	79.33				
Июнь	8	1.699	63.88	31.22	31.38	34.080	16.58	49.712	51.46	1.172	77.53				
	18	1.754	63.23	31.20	28.71	34.124	17.08	49.736	49.68	1.216	75.61				
	28	1.855	62.57	31.36	25.96	34.207	17.62	49.797	47.80	1.332	73.63				
Июль	8	1.999	61.91	31.68	23.21	34.328	18.17	49.895	45.87	1.518	71.64				
	18	2.182	61.27	32.15	20.51	34.481	18.73	50.026	43.95	1.769	69.69				
	28	2.402	60.65	32.78	17.94	34.665	19.26	50.189	42.11	2.080	67.82				
Авг.	7	2.653	60.07	33.54	15.55	34.876	19.74	50.380	40.39	2.445	66.06				
	17	2.933	59.52	34.41	13.39	35.111	20.14	50.597	38.86	2.857	64.46				
	27	3.237	59.00	35.39	11.51	35.367	20.44	50.836	37.59	3.311	63.05				
Сент.	6	3.560	58.51	36.46	9.96	35.639	20.60	51.093	36.63	3.799	61.84				
	16	3.900	58.05	37.60	8.75	35.927	20.61	51.366	36.02	4.315	60.86				
	26	4.252	57.62	38.79	7.92	36.226	20.45	51.651	35.80	4.852	60.13				
Окт.	6	4.614	57.24	40.01	7.50	36.535	20.11	51.945	35.98	5.403	59.67				
	16	4.980	56.91	41.23	7.51	36.847	19.62	52.244	36.57	5.960	59.50				
	26	5.346	56.64	42.45	7.95	37.161	18.97	52.542	37.56	6.516	59.63				
Нояб.	5	5.707	56.46	43.63	8.83	37.470	18.21	52.834	38.90	7.061	60.07				
	15	6.055	56.39	44.74	10.15	37.769	17.36	53.115	40.56	7.583	60.82				
	25	6.383	56.45	45.76	11.88	38.052	16.46	53.377	42.46	8.070	61.89				
Дек.	5	6.682	56.65	46.67	14.00	38.311	15.57	53.614	44.54	8.511	63.26				
	15	6.945	57.01	47.43	16.44	38.537	14.71	53.818	46.71	8.893	64.90				
	25	7.164	57.51	48.02	19.14	38.727	13.93	53.984	48.90	9.204	66.77				
	34	7.331	58.15	48.42	22.02	38.871	13.26	54.105	51.03	9.435	68.81				
Ср. место		2.750	58.48	35.63	21.43	34.978	14.11	50.691	50.30	2.915	69.06				
Eichelb.		-125	+54	-123	+30	-64	+16	-66	+19	-133	+16				

День.	198) ε Canis maj. I 5 ; XII 35		199) ζ Gemini- porum. I 6		200) δ Canis maj. I 8		201) 63 Auri- gae. I 8		202) 22 δ Mo- nocerotis- I 8		
	h m	°	h m	°	h m	°	h m	°	h m	°	
1928	6 55	-28 52	6 59	+20 40	7 5	-26 16	7 6	+39 26	7 8	-0 22	
Янв.	1	48.536	20.49	50.700	39.26	28.525	37.20	42.789	22.94	11.651	17.87
	10	48.612	23.33	50.827	39.11	28.615	39.97	42.948	23.95	11.769	19.33
	20	48.636	26.01	50.903	39.10	28.653	42.59	43.044	25.08	11.836	20.64
	30	48.606	28.46	50.926	39.21	28.638	44.99	43.076	26.27	11.855	21.78
Февр.	9	48.525	30.62	50.897	39.41	28.572	47.11	43.046	27.48	11.826	22.72
	19	48.400	32.43	50.822	39.67	28.462	48.90	42.959	28.64	11.754	23.46
	29	48.238	33.87	50.707	39.98	28.313	50.34	42.823	29.70	11.643	23.99
Март	10	48.047	34.91	50.560	40.31	28.134	51.41	42.648	30.61	11.505	24.32
	20	47.837	35.55	50.394	40.62	27.935	52.08	42.446	31.33	11.345	24.46
	30	47.618	35.78	50.218	40.90	27.727	52.36	42.232	31.82	11.178	24.42
Апр.	9	47.402	35.59	50.044	41.14	27.519	52.25	42.017	32.08	11.009	24.21
	19	47.198	35.00	49.881	41.34	27.321	51.75	41.815	32.11	10.851	23.82
	29	47.013	34.03	49.740	41.50	27.141	50.88	41.636	31.91	10.711	23.28
Май	9	46.856	32.69	49.627	41.62	26.987	49.66	41.489	31.50	10.595	22.58
	19	46.732	31.02	49.549	41.72	26.864	48.12	41.383	30.91	10.509	21.74
	29	46.645	29.05	49.509	41.81	26.776	46.29	41.322	30.17	10.456	20.77
Июнь	8	46.598	26.83	49.508	41.89	26.727	44.20	41.308	29.32	10.440	19.68
	18	46.592	24.40	49.548	41.98	26.718	41.92	41.343	28.38	10.461	18.51
	28	46.628	21.84	49.628	42.07	26.747	39.49	41.426	27.39	10.518	17.26
Июль	8	46.704	19.20	49.746	42.16	26.816	36.99	41.555	26.37	10.610	15.99
	18	46.819	16.56	49.898	42.25	26.923	34.47	41.727	25.34	10.734	14.72
	28	46.970	14.01	50.083	42.32	27.066	32.03	41.939	24.33	10.890	13.49
Авг.	7	47.155	11.62	50.297	42.37	27.242	29.73	42.187	23.35	11.073	12.37
	17	47.371	9.47	50.536	42.37	27.448	27.65	42.467	22.40	11.281	11.38
	27	47.614	7.64	50.797	42.31	27.681	25.88	42.775	21.51	11.511	10.58
Сент.	6	47.881	6.21	51.078	42.17	27.938	24.48	43.107	20.67	11.762	10.01
	16	48.167	5.23	51.375	41.94	28.216	23.51	43.460	19.90	12.028	9.71
	26	48.469	4.74	51.684	41.61	28.511	23.01	43.829	19.21	12.308	9.69
Окт.	6	48.781	4.79	52.004	41.18	28.817	23.03	44.212	18.60	12.601	9.97
	16	49.099	5.37	52.330	40.67	29.130	23.57	44.603	18.09	12.902	10.55
	26	49.416	6.47	52.659	40.08	29.445	24.62	44.997	17.71	13.205	11.42
Нояб.	5	49.725	8.07	52.985	39.45	29.754	26.14	45.389	17.48	13.506	12.56
	15	50.019	10.11	53.301	38.80	30.051	28.10	45.771	17.42	13.801	13.91
	25	50.292	12.50	53.602	38.17	30.329	30.41	46.135	17.54	14.078	15.42
Дек.	5	50.534	15.18	53.879	37.60	30.579	32.99	46.470	17.86	14.334	17.03
	15	50.739	18.03	54.125	37.11	30.793	35.76	46.768	18.38	14.562	18.69
	25	50.899	20.96	54.332	36.74	30.965	38.61	47.020	19.10	14.754	20.32
	35	51.010	23.88	54.494	36.50	31.089	41.44	47.219	20.00	14.904	21.88
Ср. место Eichelb.		47.772 - 82	23.30 + 23	50.406 - 86	38.14 + 61	27.832 - 72	40.53 + 41	42.368 - 83	22.46 + 51	11.305 - 102	19.94 - 37

День.	204) λ Gemino- porum.			205) δ Gemino- porum.			207) ϵ Gemino- porum.			208) β Canis min.			209) ρ Gemino- porum.		
	I 10			I 10			I 12			I 12			I 12		
1928	h m	°	h m	°	h m	°	h m	°	h m	°	h m	°	h m	°	
	7 13	+16 40	7 15	+22 6	7 21	+27 56	7 23	+ 8 26	7 24	+31 55					
Янв. 1	57.676	18.60	49.800	59.50	15.766	33.84	15.131	10.11	29.319	45.67					
10*	57.814	18.15	49.946	59.39	15.925	34.08	15.271	9.12	29.487	46.15					
20	57.902	17.86	50.040	59.43	16.029	34.47	15.361	8.29	29.598	46.79					
30	57.937	17.71	50.079	59.60	16.076	34.99	15.400	7.62	29.651	47.55					
Февр. 9	57.921	17.68	50.065	59.88	16.067	35.59	15.390	7.12	29.645	48.39					
19	57.858	17.76	50.003	60.24	16.006	36.24	15.334	6.79	29.585	49.25					
29	57.754	17.93	49.898	60.65	15.901	36.90	15.238	6.61	29.478	50.10					
Март 10	57.619	18.16	49.760	61.06	15.759	37.53	15.109	6.56	29.332	50.88					
20	57.461	18.42	49.598	61.46	15.591	38.09	14.958	6.62	29.160	51.56					
30	57.291	18.70	49.424	61.81	15.410	38.55	14.795	6.79	28.972	52.10					
Апр. 9	57.121	18.98	49.249	62.12	15.226	38.90	14.629	7.05	28.781	52.48					
19	56.961	19.25	49.083	62.36	15.051	39.12	14.472	7.38	28.598	52.70					
29	56.818	19.52	48.935	62.54	14.894	39.22	14.330	7.78	28.433	52.76					
Май 9	56.702	19.78	48.814	62.66	14.763	39.21	14.212	8.25	28.295	52.67					
19	56.616	20.05	48.725	62.74	14.666	39.09	14.122	8.79	28.191	52.43					
29	56.566	20.31	48.673	62.78	14.606	38.89	14.065	9.39	28.125	52.08					
Июнь 8	56.554	20.59	48.659	62.79	14.586	38.62	14.043	10.04	28.101	51.64					
18	56.580	20.87	48.685	62.78	14.608	38.29	14.058	10.74	28.120	51.11					
28	56.644	21.16	48.751	62.76	14.670	37.93	14.109	11.47	28.181	50.52					
Июль 8	56.745	21.45	48.854	62.72	14.772	37.54	14.194	12.21	28.283	49.90					
18	56.879	21.72	48.992	62.67	14.912	37.12	14.313	12.93	28.424	49.24					
28	57.046	21.97	49.164	62.59	15.086	36.68	14.462	13.61	28.602	48.57					
Авг. 7	57.242	22.17	49.366	62.48	15.292	36.22	14.640	14.22	28.813	47.88					
17	57.463	22.29	49.594	62.32	15.526	35.73	14.844	14.72	29.053	47.17					
27	57.707	22.32	49.846	62.10	15.785	35.21	15.071	15.09	29.321	46.46					
Сент. 6	57.972	22.24	50.119	61.80	16.068	34.66	15.319	15.29	29.613	45.74					
16	58.254	22.03	50.411	61.42	16.371	34.06	15.585	15.29	29.926	45.00					
26	58.551	21.68	50.718	60.95	16.690	33.43	15.867	15.07	30.257	44.27					
Окт. 6	58.861	21.20	51.038	60.40	17.023	32.77	16.163	14.63	30.603	43.54					
16	59.179	20.58	51.367	59.77	17.367	32.09	16.469	13.98	30.960	42.84					
26	59.501	19.85	51.700	59.08	17.717	31.41	16.780	13.13	31.324	42.18					
Нояб. 5	59.823	19.02	52.034	58.36	18.068	30.77	17.092	12.11	31.689	41.60					
15	60.139	18.15	52.362	57.64	18.412	30.19	17.400	10.95	32.048	41.12					
25	60.440	17.27	52.676	56.97	18.743	29.70	17.695	9.70	32.394	40.77					
Дек. 5	60.721	16.41	52.968	56.37	19.053	29.34	17.970	8.42	32.718	40.58					
15	60.972	15.63	53.230	55.87	19.332	29.13	18.219	7.16	33.011	40.57					
25	61.187	14.95	53.455	55.51	19.573	29.08	18.432	5.96	33.263	40.74					
35	61.359	14.40	53.635	55.29	19.766	29.20	18.603	4.87	33.468	41.09					
Ср. место	57.394	17.36	49.513	58.55	15.459	33.26	14.845	8.31	28.987	45.36					
Eichelb.	- 72	+ 79	- 114	+ 44	- 95	+ 19	- 88	+ 45	- 75	- 93					

*) Для звезд 207), 208) и 209)—января 11.

День.	210) δ Canis min. I 13			211) α Gemi- porum. (Castor) I 14			212) ν Gemi- porum. I 14			213) α Canis min. (Procyon) ¹⁾ I 15			214) 24 Lyn- cis. I 16		
	h m	s	'	h m	s	'	h m	s	'	h m	s	'	h m	s	'
1928	7 25	+12	9	7 29	+32	2	7 31	+27	3	7 35	+ 5	24	7 36	+58	52
Янв.	1	47.690	25.91	60.838	52.65		29.620	25.85	32.422	41.53		56.499	48.98		
	11	47.835	25.14	61.012	53.11		29.789	25.98	32.567	40.29		56.757	50.96		
	20	47.931	24.53	61.127	53.74		29.903	26.29	32.663	39.22		56.924	53.10		
	30	47.975	24.09	61.184	54.49		29.961	26.74	32.707	38.32		56.999	55.32		
Февр.	9	47.969	23.80	61.184	55.33		29.962	27.30	32.702	37.60		56.982	57.53		
	19	47.916	23.65	61.130	56.20		29.912	27.92	32.652	37.06		56.877	59.65		
	29	47.822	23.63	61.026	57.06		29.815	28.57	32.559	36.72		56.695	61.58		
Март	10	47.694	23.71	60.884	57.87		29.681	29.21	32.434	36.55		56.448	63.25		
	20	47.543	23.88	60.713	58.57		29.520	29.80	32.287	36.51		56.154	64.59		
	30	47.380	24.11	60.526	59.14		29.346	30.30	32.125	36.59		55.829	65.55		
Апр.	9	47.214	24.39	60.334	59.56		29.166	30.69	31.959	36.80		55.492	66.10		
	19	47.056	24.70	60.150	59.80		28.990	30.96	31.802	37.12		55.162	66.23		
	29	46.912	25.06	59.981	59.88		28.832	31.12	31.658	37.55		54.854	65.95		
Май	9	46.793	25.46	59.841	59.80		28.699	31.17	31.536	38.06		54.583	65.27		
	19	46.704	25.88	59.732	59.58		28.598	31.12	31.441	38.65		54.361	64.24		
	29	46.646	26.33	59.661	59.24		28.531	30.98	31.377	39.32		54.197	62.89		
Июнь	8	46.623	26.82	59.630	58.79		28.501	30.77	31.347	40.06		54.096	61.27		
	18	46.637	27.32	59.644	58.25		28.513	30.49	31.351	40.85		54.063	59.44		
	28	46.688	27.85	59.700	57.65		28.566	30.17	31.391	41.67		54.100	57.45		
Июль	8	46.773	28.36	59.795	57.00		28.658	29.81	31.466	42.51		54.205	55.36		
	18	46.892	28.86	59.929	56.32		28.785	29.41	31.573	43.34		54.376	53.21		
	28	47.044	29.33	60.100	55.60		28.948	28.98	31.710	44.11		54.610	51.05		
Авг.	7	47.223	29.72	60.305	54.86		29.142	28.52	31.876	44.81		54.903	48.94		
	17	47.427	30.03	60.539	54.11		29.365	28.01	32.069	45.39		55.249	46.90		
	27	47.656	30.21	60.801	53.35		29.613	27.46	32.284	45.80		55.644	44.98		
Сент.	6	47.907	30.25	61.088	52.56		29.886	26.87	32.522	46.02		56.084	43.21		
	16	48.176	30.12	61.396	51.76		30.180	26.21	32.780	46.03		56.561	41.62		
	26	48.462	29.81	61.723	50.96		30.491	25.51	33.054	45.80		57.071	40.25		
Окт.	6	48.762	29.31	62.068	50.17		30.819	24.77	33.344	45.33		57.608	39.13		
	16	49.073	28.64	62.424	49.40		31.161	24.00	33.644	44.59		58.163	38.29		
	26	49.388	27.80	62.789	48.68		31.508	23.24	33.954	43.64		58.730	37.75		
Нояб.	5	49.707	26.83	63.154	48.04		31.860	22.49	34.265	42.49		59.299	37.54		
	15	50.020	25.75	63.515	47.51		32.205	21.79	34.570	41.17		59.858	37.68		
	25	50.324	24.63	63.865	47.10		32.541	21.18	34.866	39.70		60.395	38.18		
Дек.	5	50.604	23.50	64.192	46.86		32.857	20.71	35.141	38.22		60.897	39.05		
	15	50.859	22.43	64.489	46.81		33.142	20.37	35.394	36.74		61.349	40.27		
	25	51.079	21.43	64.746	46.94		33.391	20.21	35.609	35.29		61.738	41.81		
	35	51.258	20.56	64.958	47.27		33.596	20.23	35.785	33.95		62.052	43.62		
Ср. место Eichelb.		47.415 - 94	24.35 + 9	60.509 - 30	52.48 + 63		29.327 - 111	25.37 + 90	32.137 - 114	39.39 - 42		55.554 - 100	50.31 + 69		

1) Паралакс (0". 31) учтен.

День.	215) α Gemini- porum. I 16			216) β Gemini- porum. I 17			217) ξ Puppis. I 18			220) γ Lynceis. I 22			221) δ Navis. (ρ Argus) I 23		
	h	m	s	h	m	s	h	m	s	h	m	s	h	m	s
1928	7 40	+24 34		7 40	+28 11		7 46	-24 40		8 3	+51 42		8 4	-24 5	
Янв.	1	6.514	19.31	55.093	65.33		16.540	35.31		3.654	54.59		29.172	38.28	
	11	6.688	19.27	55.272	65.51		16.679	38.11		3.920	56.04		29.327	41.09	
	20	6.809	19.40	55.396	65.86		16.761	40.82		4.112	57.72		29.431	43.82	
	30	6.875	19.68	55.464	66.37		16.790	43.34		4.226	59.56		29.482	46.38	
Февр.	9	6.886	20.09	55.475	66.99		16.768	45.62		4.261	61.48		29.480	48.73	
	19	6.845	20.60	55.432	67.69		16.699	47.62		4.219	63.39		29.428	50.79	
	29	6.757	21.16	55.341	68.42		16.586	49.29		4.108	65.22		29.332	52.55	
Март.	10	6.633	21.74	55.211	69.14		16.436	50.61		3.937	66.88		29.199	53.96	
	20	6.480	22.29	55.053	69.79		16.263	51.57		3.721	68.31		29.038	55.02	
	30	6.310	22.78	54.877	70.36		16.074	52.15		3.473	69.44		28.858	55.72	
Апр.	9	6.135	23.20	54.694	70.81		15.877	52.35		3.208	70.25		28.668	56.05	
	19	5.965	23.54	54.517	71.14		15.684	52.19		2.941	70.70		28.479	56.01	
	29	5.809	23.77	54.354	71.34		15.501	51.67		2.688	70.78		28.298	55.62	
Май	9	5.676	23.91	54.215	71.40		15.337	50.79		2.459	70.51		28.133	54.88	
	19	5.572	23.97	54.105	71.35		15.200	49.59		2.266	69.90		27.990	53.82	
	29	5.502	23.95	54.030	71.19		15.090	48.07		2.116	68.99		27.873	52.46	
Июнь	8	5.468	23.86	53.993	70.94		15.014	46.30		2.015	67.80		27.787	50.83	
	18	5.473	23.71	53.995	70.61		14.973	44.32		1.967	66.39		27.734	48.96	
	28	5.516	23.52	54.037	70.22		14.969	42.15		1.974	64.79		27.714	46.92	
Июль	8	5.597	23.29	54.118	69.77		15.002	39.87		2.036	63.04		27.730	44.75	
	18	5.714	23.02	54.236	69.28		15.069	37.52		2.151	61.19		27.780	42.51	
	28	5.864	22.70	54.389	68.75		15.170	35.22		2.317	59.28		27.865	40.27	
Авг.	7	6.046	22.33	54.575	68.17		15.306	33.01		2.533	57.34		27.983	38.11	
	17	6.257	21.91	54.790	67.55		15.475	30.97		2.794	55.42		28.133	36.11	
	27	6.494	21.42	55.032	66.89		15.672	29.18		3.098	53.53		28.315	34.33	
Сент.	6	6.755	20.87	55.299	66.18		15.898	27.73		3.441	51.72		28.526	32.85	
	16	7.038	20.24	55.589	65.42		16.151	26.66		3.820	50.01		28.765	31.75	
	26	7.340	19.54	55.899	64.62		16.425	26.03		4.230	48.44		29.029	31.07	
Окт.	6	7.658	18.77	56.226	63.79		16.717	25.89		4.669	47.04		29.314	30.86	
	16	7.990	17.94	56.566	62.94		17.026	26.24		5.130	45.84		29.617	31.14	
	26	8.331	17.08	56.916	62.09		17.343	27.10		5.607	44.87		29.932	31.92	
Нояб.	5	8.676	16.22	57.270	61.28		17.662	28.43		6.094	44.17		30.254	33.18	
	15	9.018	15.39	57.622	60.54		17.978	30.22		6.581	43.77		30.575	34.89	
	25	9.351	14.63	57.963	59.90		18.280	32.37		7.058	43.71		30.886	36.99	
Дек.	5	9.665	13.97	58.286	59.40		18.562	34.86		7.511	43.98		31.180	39.41	
	15	9.952	13.45	58.581	59.06		18.815	37.54		7.930	44.59		31.446	42.06	
	25	10.204	13.09	58.840	58.90		19.027	40.36		8.300	45.54		31.677	44.86	
	35	10.412	12.91	59.053	58.94		19.196	43.22		8.612	46.80		31.864	47.70	
Ср. место		6.242	18.78	54.804	65.10		15.961	41.02		3.030	56.81		28.654	44.92	
Eichelb.		-110	+79	-94	+32		-68	+2		-98	+34		-61	+39	

*) Для звезд 220) и 221) янв 21.

День.	222) β Cancri.			223) β Lyncis.			224) β Monocerotis.			225) δ Ursae maj.			226) δ Hydrae.		
	I 25			I 26			I 27			I 28			I 30		
	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$
1928	8	12	+ 9 24	8	17	+13 25	8	22	- 3 40	8	24	+60 57	8	33	+ 5 57
Янв. 1	36.927	32.78	55.217	11.24	4.058	9.64	18.91	34.05	50.911	23.81					
11	37.114	31.67	55.472	12.14	4.242	11.52	19.26	35.82	51.115	22.43					
21	37.254	30.74	55.665	13.28	4.380	13.25	19.53	37.88	51.271	21.23					
30	37.343	30.01	55.790	14.62	4.468	14.80	19.70	40.13	51.378	20.22					
Февр. 9	37.380	29.47	55.846	16.11	4.505	16.14	19.77	42.49	51.434	19.42					
19	37.367	29.13	55.836	17.66	4.494	17.25	19.74	44.86	51.440	18.84					
29	37.310	28.95	55.764	19.20	4.439	18.12	19.62	47.13	51.400	18.47					
Март 10	37.215	28.93	55.639	20.66	4.346	18.75	19.42	49.21	51.321	18.27					
20	37.091	29.04	55.472	21.97	4.224	19.16	19.16	51.02	51.211	18.23					
30	36.947	29.26	55.275	23.07	4.082	19.35	18.85	52.49	51.078	18.35					
Апр. 9	36.793	29.56	55.061	23.94	3.928	19.33	18.51	53.57	50.932	18.58					
19	36.638	29.93	54.844	24.52	3.772	19.12	18.16	54.22	50.783	18.92					
29	36.491	30.36	54.634	24.82	3.623	18.72	17.82	54.43	50.637	19.35					
Май 9	36.360	30.83	54.444	24.83	3.487	18.16	17.50	54.20	50.503	19.85					
19	36.250	31.33	54.281	24.56	3.370	17.44	17.21	53.55	50.389	20.40					
29	36.166	31.86	54.152	24.02	3.277	16.58	16.97	52.51	50.295	21.02					
Июнь 8	36.113	32.42	54.064	23.24	3.211	15.59	16.79	51.11	50.228	21.68					
18	36.091	32.99	54.018	22.26	3.174	14.50	16.68	49.41	50.190	22.36					
28	36.100	33.56	54.017	21.09	3.168	13.34	16.63	47.45	50.181	23.07					
Июль 8	36.142	34.12	54.061	19.77	3.193	12.13	16.64	45.29	50.203	23.76					
18	36.216	34.64	54.149	18.84	3.248	10.92	16.73	42.98	50.255	24.43					
28	36.320	35.11	54.280	18.82	3.333	9.74	16.88	40.56	50.336	25.04					
Авг. 7	36.453	35.50	54.453	15.24	3.447	8.63	17.09	38.10	50.446	25.56					
17	36.614	35.77	54.664	13.61	3.590	7.65	17.37	35.64	50.585	25.98					
27	36.802	35.91	54.911	11.98	3.760	6.85	17.70	33.22	50.750	26.24					
Сент. 6	37.015	35.88	55.193	10.35	3.956	6.27	18.09	30.89	50.942	26.31					
16	37.252	35.66	55.508	8.75	4.177	5.96	18.53	28.70	51.160	26.17					
26	37.511	35.23	55.852	7.21	4.423	5.94	19.01	26.68	51.403	25.80					
Окт. 6	37.790	34.59	56.222	5.76	4.690	6.24	19.54	24.89	51.668	25.18					
16	38.087	33.73	56.615	4.39	4.976	6.88	20.10	23.36	51.953	24.32					
26	38.398	32.68	57.026	3.23	5.277	7.85	20.68	22.14	52.258	23.23					
Нояб. 5	38.718	31.45	57.449	2.24	5.588	9.11	21.28	21.27	52.574	21.93					
15	39.040	30.10	57.877	1.46	5.904	10.64	21.89	20.77	52.896	20.45					
25	39.359	28.67	58.299	0.95	6.216	12.39	22.49	20.69	53.218	18.86					
Дек. 5	39.666	27.21	58.706	0.72	6.517	14.30	23.06	21.03	53.529	17.20					
15	39.951	25.77	59.087	0.81	6.797	16.29	23.59	21.79	53.825	15.54					
25	40.206	24.42	59.429	1.21	7.047	18.30	24.07	22.96	54.094	13.94					
35	40.424	23.19	59.723	1.90	7.261	20.25	24.48	24.51	54.324	12.45					
Ср. место Eichelf.	36.726 - 55	30.64 + 55	54.819 - 78	13.38 + 58	3.825 67	13.93 + 4	17.95 - 135	37.85 + 21	50.755 - 56	20.94 - 3					

День.	229) δ Cancri.		230) χ Cancri.		231) ε Hyd- rae. m.		232) ζ Hyd- rae.		233) ι Ursae maj.		
	II 1		II 1		II 1		II 3		II 4		
	h m	$^{\circ}$	h m	$^{\circ}$	h m	$^{\circ}$	h m	$^{\circ}$	h m	$^{\circ}$	
1928	8 40	+18 25	8 42	+29 1	8 42	+ 6 40	8 51	+6 13	8 54	+48 19	
Янв.	1	35.906	12.44	20.856	26.66	58.033	65.05	35.466	16.74	17.662	27.65
	11	36.130	11.73	21.100	26.57	58.245	63.68	35.684	15.31	17.978	28.54
	21	36.307	11.25	21.292	26.74	58.411	62.48	35.858	14.06	18.231	29.77
	31	36.431	11.00	21.429	27.15	58.527	61.49	35.983	13.02	18.413	31.27
Февр.	9	36.502	10.96	21.508	27.77	58.592	60.72	36.057	12.20	18.522	32.98
	19	36.520	11.11	21.530	28.55	58.607	60.16	36.080	11.60	18.557	34.81
	29	36.489	11.41	21.499	29.43	58.576	59.81	36.057	11.21	18.522	36.68
Март	10	36.415	11.82	21.421	30.37	58.505	59.64	35.993	11.01	18.424	38.50
	20	36.308	12.32	21.305	31.31	58.401	59.64	35.896	10.99	18.274	40.19
	30	36.175	12.86	21.161	32.20	58.274	59.77	35.773	11.11	18.083	41.68
Апр.	9	36.026	13.41	21.000	32.99	58.132	60.02	35.635	11.36	17.865	42.91
	19	35.872	13.93	20.832	33.66	57.985	60.37	35.491	11.70	17.633	43.84
	29	35.722	14.41	20.666	34.19	57.841	60.80	35.348	12.13	17.400	44.44
Май	9	35.583	14.85	20.513	34.55	57.707	61.30	35.214	12.63	17.178	44.69
	19	35.462	15.22	20.378	34.75	57.589	61.85	35.095	13.19	16.976	44.60
	29	35.365	15.52	20.269	34.78	57.493	62.44	34.996	13.79	16.804	44.17
Июнь	8	35.294	15.76	20.189	34.65	57.422	63.06	34.921	14.42	16.667	43.43
	18	35.253	15.93	20.141	34.38	57.379	63.71	34.872	15.07	16.571	42.40
	28	35.243	16.03	20.127	33.97	57.364	64.36	34.851	15.73	16.518	41.11
Июль	8	35.264	16.06	20.147	33.44	57.378	65.00	34.859	16.37	16.510	39.61
	18	35.317	16.01	20.202	32.79	57.421	65.61	34.895	16.98	16.549	37.91
	28	35.401	15.87	20.291	32.04	57.494	66.15	34.960	17.54	16.633	36.06
Авг.	7	35.515	15.63	20.413	31.18	57.596	66.61	35.054	18.00	16.762	34.09
	17	35.658	15.29	20.567	30.22	57.726	66.95	35.176	18.34	16.934	32.04
	27	35.830	14.82	20.752	29.17	57.883	67.14	35.325	18.53	17.149	29.94
Сент.	6	36.029	14.22	20.967	28.03	58.068	67.14	35.502	18.54	17.405	27.83
	16	36.256	13.48	21.211	26.80	58.280	66.94	35.706	18.34	17.700	25.74
	26	36.508	12.59	21.482	25.51	58.517	66.51	35.937	17.91	18.033	23.70
Окт.	6	36.784	11.55	21.779	24.16	58.777	65.84	36.192	17.24	18.400	21.75
	16	37.083	10.39	22.101	22.77	59.060	64.93	36.471	16.32	18.799	19.94
	26	37.400	9.11	22.442	21.39	59.362	63.80	36.770	15.17	19.226	18.31
Нояб.	5	37.732	7.76	22.799	20.04	59.677	62.46	37.084	13.81	19.673	16.90
	15	38.072	6.37	23.165	18.77	60.001	60.97	37.407	12.28	20.133	15.76
	25	38.412	4.99	23.532	17.62	60.326	59.36	37.733	10.64	20.596	14.94
Дек.	5	38.745	3.67	23.892	16.64	60.643	57.69	38.053	8.93	21.051	14.46
	15	39.061	2.47	24.233	15.87	60.943	56.02	38.358	7.21	21.485	14.36
	25	39.350	1.42	24.546	15.33	61.217	54.41	38.638	5.55	21.885	14.64
	35	39.604	0.56	24.821	15.06	61.457	52.93	38.885	4.00	22.239	15.29
Ср. место		35.775	11.71	20.684	27.66	57.907	62.22	35.364	13.76	17.261	31.66
Eichelb.		- 66	+ 70	- 82	+ 20	- 68	+ 19	- 58	+ 36	- 85	+ 63

День.	234) α Cancri. II 4		235) 10 Ursae maj. II 5		236) ρ Ursae maj. II 5		237) χ Ursae maj. II 5		238) β 245 (145 β Lyncis) II 6		
	h m	°	h m	°	h m	°	h m	°	h m	°	
1928	8 54	+12 8	8 55	+42 3	8 56	+67 54	8 58	+47 26	9 1	+38 44	
Янв.	1	33.200	16.39	58.704	64.84	6.15	36.68	43.507	28.62	57.532	24.58
	11	33.428	15.27	58.996	65.39	6.65	38.50	43.825	29.44	57.819	24.91
	21	33.611	14.36	59.231	66.26	7.04	40.68	44.081	30.60	58.053	25.56
	31	33.744	13.67	59.402	67.41	7.32	43.14	44.269	32.04	58.227	26.50
Февр.	9	33.825	13.21	59.506	68.76	7.47	45.76	44.384	33.69	58.338	27.66
	19	33.854	12.96	59.544	70.26	7.49	48.44	44.426	35.48	58.383	28.99
Март	29	33.836	12.91	59.519	71.84	7.40	51.07	44.400	37.32	58.368	30.41
	10	33.776	13.02	59.437	73.41	7.20	53.54	44.311	39.13	58.299	31.85
	20	33.681	13.26	59.308	74.89	6.90	55.76	44.170	40.82	58.184	33.25
	30	33.560	13.61	59.143	76.23	6.53	57.64	43.988	42.32	58.033	34.54
Апр.	9	33.422	14.03	58.953	77.37	6.11	59.10	43.778	43.59	57.861	35.65
	19	33.277	14.49	58.751	78.26	5.66	60.11	43.554	44.56	57.673	36.57
	29	33.133	14.97	58.549	78.88	5.20	60.63	43.327	45.20	57.484	37.24
Май	9	32.998	15.47	58.356	79.22	4.76	60.66	43.111	45.51	57.304	37.66
	19	32.878	15.96	58.183	79.26	4.34	60.20	42.914	45.48	57.143	37.80
	29	32.778	16.44	58.035	79.01	3.97	59.27	42.744	45.12	57.004	37.69
Июнь	8	32.702	16.90	57.919	78.49	3.67	57.92	42.609	44.44	56.894	37.32
	18	32.653	17.33	57.839	77.72	3.43	56.18	42.512	43.48	56.819	36.72
	28	32.632	17.72	57.798	76.72	3.26	54.11	42.458	42.25	56.778	35.91
Июль	8	32.640	18.06	57.796	75.52	3.18	51.76	42.447	40.80	56.773	34.90
	18	32.677	18.34	57.835	74.15	3.19	49.18	42.481	39.16	56.806	33.71
	28	32.744	18.55	57.914	72.63	3.28	46.44	42.559	37.36	56.877	32.38
Авг.	7	32.839	18.65	58.033	70.99	3.45	43.60	42.682	35.43	56.985	30.92
	17	32.963	18.64	58.190	69.25	3.71	40.70	42.847	33.42	57.129	29.35
	27	33.115	18.48	58.384	67.45	4.04	37.82	43.054	31.34	57.309	27.69
Сент.	6	33.294	18.16	58.615	65.60	4.46	35.01	43.301	29.24	57.525	25.96
	16	33.501	17.66	58.882	63.73	4.95	32.32	43.587	27.15	57.774	24.19
	26	33.735	16.97	59.182	61.87	5.49	29.81	43.911	25.10	58.056	22.40
Окт.	6	33.995	16.08	59.514	60.05	6.10	27.53	44.270	23.13	58.370	20.62
	16	34.278	15.00	59.875	58.31	6.76	25.54	44.660	21.29	58.714	18.87
	26	34.581	13.74	60.262	56.69	7.47	23.88	45.079	19.61	59.081	17.22
Нояб.	5	34.901	12.33	60.668	55.23	8.21	22.61	45.519	18.15	59.470	15.70
	15	35.231	10.82	61.087	53.98	8.96	21.78	45.973	16.95	59.874	14.36
	25	35.565	9.25	61.510	52.99	9.72	21.41	46.431	16.05	60.281	13.23
Дек.	5	35.893	7.68	61.927	52.30	10.46	21.53	46.883	15.50	60.684	12.37
	15	36.207	6.16	62.325	51.93	11.16	22.14	47.315	15.31	61.071	11.82
	25	36.496	4.75	62.693	51.90	11.80	23.24	47.714	15.51	61.428	11.58
	35	36.752	3.49	63.019	52.22	12.36	24.79	48.070	16.09	61.750	11.68
Ср мест.	33.115	14.55	58.429	68.12	4.80	42.49	43.141	32.69	57.324	27.57	
Eichelb.	- 87	+ 51	- 139	+ 40	- 135	+ 13	- 81	+ 59	- 29	+ 28	

День.	239) σ^2 Ursae			241) θ Hydrae.		243) 38 Lyncis.		244) 40 Lyncis.		245) α Hydrae.	
	maj.			II 8		II 9		II 10		II 12	
	h	m	°	h	°	h	°	h	°	h	°
1928	9 4	+67 25	9 10	+ 2 36	9 14	+37 6	9 16	+34 41	9 24	- 8 20	
Янв.	1	6.26	36.15	37.242	71.95	22.374	26.40	40.602	49.84	3.031	38.02
	11	6.77	37.88	37.473	70.26	22.668	26.55	40.891	49.84	3.267	40.26
	21	7.17	39.98	37.662	68.73	22.911	27.03	41.130	50.17	3.461	42.39
	31	7.46	42.37	37.803	67.41	23.096	27.80	41.313	50.80	3.607	44.36
Февр.	9*)	7.63	44.96	37.894	66.31	23.219	28.83	41.435	51.68	3.703	46.14
	19	7.68	47.63	37.935	65.44	23.280	30.05	41.497	52.77	3.750	47.68
	29	7.61	50.27	37.929	64.80	23.281	31.40	41.501	54.00	3.750	48.98
Март	10	7.43	52.78	37.881	64.39	23.227	32.80	41.452	55.29	3.708	50.01
	20	7.16	55.05	37.797	64.17	23.128	34.18	41.358	56.59	3.630	50.79
	30	6.81	56.99	37.688	64.13	22.993	35.48	41.229	57.83	3.525	51.32
Апр.	9	6.41	58.53	37.560	64.25	22.832	36.64	41.075	58.95	3.400	51.60
	19	5.97	59.64	37.423	64.50	22.656	37.62	40.906	59.91	3.263	51.66
	29	5.52	60.27	37.284	64.88	22.476	38.37	40.733	60.67	3.123	51.50
Май	9	5.09	60.39	37.151	65.36	22.302	38.89	40.565	61.21	2.986	51.13
	19	4.68	60.03	37.030	65.92	22.142	39.15	40.411	61.52	2.858	50.58
	29	4.31	59.20	36.926	66.55	22.003	39.15	40.276	61.60	2.745	49.85
Июнь	8	4.00	57.93	36.843	67.25	21.890	38.90	40.167	61.44	2.649	48.97
	18	3.75	56.26	36.782	67.99	21.807	38.42	40.086	61.06	2.574	47.95
	28	3.58	54.25	36.747	68.75	21.757	37.72	40.037	60.47	2.522	46.82
Июль	8	3.48	51.94	36.738	69.52	21.742	36.82	40.021	59.70	2.495	45.62
	18	3.47	49.39	36.757	70.26	21.762	35.73	40.039	58.74	2.494	44.38
	28	3.54	46.67	36.803	70.96	21.817	34.47	40.092	57.62	2.520	43.14
Авг.	7	3.69	43.83	36.876	71.57	21.908	33.07	40.179	56.35	2.573	41.95
	17	3.92	40.92	36.978	72.07	22.035	31.55	40.299	54.96	2.654	40.86
	27	4.23	38.00	37.107	72.41	22.196	29.92	40.454	53.45	2.765	39.92
Сент.	6	4.62	35.14	37.265	72.55	22.393	28.19	40.642	51.84	2.905	39.18
	16	5.07	32.39	37.451	72.68	22.624	26.40	40.864	50.15	3.076	38.70
	26	5.60	29.79	37.665	72.16	22.888	24.57	41.119	48.40	3.277	38.51
Окт.	6	6.18	27.42	37.907	71.57	23.185	22.73	41.405	46.62	3.507	38.65
	16	6.82	25.32	38.175	70.70	23.513	20.91	41.722	44.84	3.765	39.15
	26	7.50	23.54	38.465	69.57	23.868	19.15	42.066	43.09	4.048	40.01
Нояб.	5	8.22	22.15	38.773	68.19	24.245	17.50	42.432	41.43	4.352	41.21
	15	8.96	21.18	39.094	66.60	24.638	16.00	42.814	39.90	4.670	42.74
	25	9.71	20.67	39.421	64.84	25.039	14.72	43.204	38.54	4.996	44.56
Дек.	5	10.44	20.65	39.745	62.98	25.438	13.68	43.593	37.42	5.320	46.59
	15	11.13	21.14	40.057	61.08	25.823	12.93	43.970	36.57	5.633	48.78
	25	11.77	22.12	40.346	59.20	26.184	12.51	44.323	36.02	5.924	51.06
	35	12.34	23.56	40.605	57.40	26.509	12.43	44.642	35.80	6.186	53.35
Ср. место		5.00	42.35	37.195	68.03	22.229	29.46	40.489	52.55	2.988	44.72
Eichelb.		-200	-52	- 60	+ 39	- 70	+ 51	- 70	+ 39	- 54	+ 18

*) Для звезд 244) и 245) февраль 10.

День.	246) 23 h Ursae maj.		247) 6 Ursae maj.		248) 24 d Ursae maj.		249) 10 Leonis min.		250) 2 Sextantis.		
	h m	°	h m	°	h m	°	h m	°	h m	°	
	П 12	П 13	П 13	П 13	П 13	П 13	П 13	П 13	П 14	П 14	
1928	9 25	+63 22	9 28	+52 0	9 28	+70 8	9 29	+36 42	9 34	+ 4 58	
Янв.	1	53.27	33.43	3.569	17.40	10.34	45.69	49.235	61.90	41.995	33.72
	11	53.76	34.78	3.943	18.18	10.95	47.29	49.542	61.92	42.249	32.08
	21	54.16	36.54	4.255	19.37	11.45	49.32	49.800	62.29	42.460	30.62
	31	54.46	38.64	4.495	20.89	11.83	51.70	50.002	62.97	42.624	29.36
Февр.	10	54.66	41.00	4.659	22.69	12.08	54.32	50.143	63.93	42.740	28.35
	19	54.76	43.51	4.744	24.68	12.19	57.08	50.222	65.12	42.807	27.59
	29	54.75	46.07	4.751	26.77	12.17	59.86	50.242	66.46	42.823	27.05
Март	10	54.64	48.57	4.688	28.85	12.02	62.56	50.206	67.88	42.798	26.75
	20	54.45	50.90	4.563	30.85	11.75	65.06	50.123	69.31	42.736	26.63
	30	54.19	52.97	4.387	32.67	11.40	67.26	50.001	70.69	42.642	26.69
Апр.	9	53.88	54.71	4.173	34.24	10.97	69.08	49.851	71.94	42.529	26.89
	19	53.53	56.05	3.935	35.51	10.49	70.46	49.684	73.02	42.402	27.22
	29	53.17	56.95	3.686	36.42	9.99	71.36	49.510	73.89	42.271	27.65
Май	9	52.81	57.38	3.439	36.96	9.49	71.75	49.338	74.52	42.142	28.13
	19	52.46	57.34	3.204	37.12	9.00	71.62	49.177	74.89	42.021	28.68
	29	52.14	56.84	2.992	36.89	8.55	70.99	49.033	75.01	41.913	29.27
Июнь	8	51.86	55.90	2.810	36.28	8.15	69.89	48.913	74.87	41.820	29.91
	18	51.64	54.55	2.664	35.32	7.81	68.34	48.820	74.48	41.749	30.55
	28	51.47	52.84	2.558	34.04	7.55	66.39	48.758	73.85	41.700	31.19
Июль	8	51.36	50.80	2.496	32.47	7.37	64.11	48.728	73.00	41.674	31.82
	18	51.31	48.48	2.481	30.65	7.28	61.54	48.731	71.95	41.675	32.42
	28	51.34	45.94	2.512	28.61	7.28	58.74	48.769	70.72	41.701	32.94
Авг.	7	51.43	43.23	2.590	26.40	7.37	55.78	48.841	69.33	41.751	33.36
	17	51.59	40.42	2.715	24.06	7.55	52.70	48.948	67.79	41.830	33.66
	27	51.81	37.54	2.887	21.62	7.82	49.58	49.090	66.12	41.938	33.83
Сент.	6	52.10	34.65	3.106	19.13	8.18	46.48	49.267	64.34	42.072	33.78
	16	52.46	31.81	3.371	16.63	8.62	43.45	49.479	62.48	42.238	33.54
	26	52.87	29.08	3.690	14.17	9.14	40.57	49.726	60.56	42.434	33.06
Окт.	6	53.35	26.51	4.032	11.79	9.74	37.88	50.008	58.61	42.661	32.33
	16	53.87	24.16	4.425	9.54	10.41	35.45	50.322	56.67	42.915	31.34
	26	54.45	22.09	4.853	7.48	11.14	33.35	50.665	54.78	43.195	30.12
Нояб.	5	55.06	20.35	5.312	5.65	11.91	31.63	51.034	52.98	43.498	28.65
	15	55.69	19.00	5.792	4.12	12.72	30.34	51.422	51.33	43.818	27.00
	25	56.34	18.08	6.285	2.93	13.55	29.53	51.820	49.88	44.149	25.21
Дек.	5	56.98	17.64	6.778	2.14	14.37	29.24	52.220	48.67	44.480	23.32
	15	57.61	17.69	7.257	1.76	15.16	29.48	52.611	47.76	44.802	21.42
	25	58.19	18.24	7.708	1.82	15.90	30.25	52.980	47.18	45.106	19.57
	35	58.72	19.28	8.117	2.31	16.57	31.53	53.316	46.95	45.382	17.81
Ср. место Eichelb.		52.43 -174	40.38 - 3	3.204 - 92	23.18 + 25	8.95 -123	53.26 + 28	49.149 - 88	65.33 - 20	42.047 - 72	30.15 + 96

День.	251) γ Hydrae.			252) α Leonis.			253) ε Leonis.			254) ν Ursae maj. II 17			256) μ Leonis. II 18										
	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$								
1928	9 36	— 0 48		9 37	+10 13		9 41	+24 6		9 45	+59 22		9 48	+26 20									
Янв.	1	10.754	50.06	18.532	16.57	46.066	22.06	53.713	34.66	40.303	46.55	11	11.003	51.98	18.792	15.17	46.351	21.34	54.172	35.62	40.597	45.90	
	21	11.212	53.75	19.010	13.99	46.592	20.92	54.561	37.02	40.848	45.56	31	11.375	55.35	19.183	13.04	46.785	20.80	54.870	38.81	41.050	45.54	
Февр.	10	11.488	56.71	19.305	12.35	46.924	20.96	55.089	40.91	41.199	45.81	19	11.552	57.83	19.376	11.90	47.009	21.37	55.215	43.22	41.292	46.34	
	29	11.570	58.70	19.399	11.68	47.040	21.99	55.250	45.64	41.332	47.09	Март	10	11.543	59.35	19.377	11.67	47.023	22.76	55.197	48.07	41.321	47.99
	20	11.481	59.79	19.318	11.83	46.964	23.64	55.067	50.40	41.266	48.99	20	11.481	59.79	19.318	11.83	46.964	23.64	55.067	50.40	41.266	48.99	
	30	11.389	60.00	19.228	12.13	46.870	24.57	54.872	52.54	41.176	50.03	30	11.389	60.00	19.228	12.13	46.870	24.57	54.872	52.54	41.176	50.03	
Апр.	9	11.275	60.02	19.116	12.53	46.751	25.49	54.625	54.40	41.059	51.05	19	11.149	59.88	18.990	13.01	46.615	26.36	54.342	55.92	40.924	52.01	
	29	11.017	59.57	18.858	13.54	46.472	27.15	54.039	57.04	40.781	52.86	Март	10	11.543	59.35	19.377	11.67	47.023	22.76	55.197	48.07	41.321	47.99
Май	9	10.888	59.16	18.728	14.09	46.330	27.83	53.729	57.73	40.636	53.58	19	10.765	58.61	18.606	14.65	46.195	28.37	53.428	57.97	40.498	54.15	
	29	10.656	57.98	18.496	15.20	46.075	28.76	53.147	57.77	40.373	54.54	Июнь	8	10.563	57.25	18.404	15.73	45.972	29.00	52.896	57.13	40.265	54.76
	18	10.489	56.45	18.331	16.22	45.891	29.08	52.684	56.08	40.177	54.79	18	10.489	56.45	18.331	16.22	45.891	29.08	52.684	56.08	40.177	54.79	
	28	10.436	55.61	18.281	16.67	45.834	29.01	52.516	54.64	40.114	54.65	Июль	8	10.407	54.75	18.255	17.07	45.804	28.78	52.399	52.87	40.076	54.33
	18	10.403	53.87	18.255	17.40	45.801	28.40	52.335	50.79	40.065	53.84	28	10.424	53.06	18.280	17.63	45.826	27.86	52.326	48.46	40.083	53.18	
Авг.	7	10.470	52.31	18.332	17.75	45.880	27.16	52.374	45.92	40.130	52.36	17	10.545	51.68	18.412	17.74	45.964	26.32	52.479	43.22	40.206	51.37	
	17	10.545	51.68	18.412	17.74	45.964	26.32	52.479	43.22	40.130	52.36	27	10.648	51.19	18.520	17.58	46.078	25.33	52.643	40.41	40.314	50.23	
	27	10.648	51.19	18.520	17.58	46.078	25.33	52.643	40.41	40.314	50.23	Сент.	6	10.781	50.89	18.657	17.24	46.223	24.18	52.864	37.55	40.454	48.93
	16	10.941	50.83	18.824	16.70	46.399	22.89	53.142	34.69	40.625	47.48	16	10.941	50.83	18.824	16.70	46.399	22.89	53.142	34.69	40.625	47.48	
	26	11.134	51.03	19.021	15.95	46.608	21.45	53.477	31.87	40.830	45.90	Окт.	6	11.357	51.50	19.248	14.98	46.849	19.88	53.866	29.16	41.069	44.21
	16	11.608	52.28	19.504	13.80	47.120	18.21	54.305	26.62	41.339	42.43	16	11.608	52.28	19.504	13.80	47.120	18.21	54.305	26.62	41.339	42.43	
	26	11.887	53.35	19.787	12.42	47.421	16.46	54.791	24.30	41.640	40.58	Нояб.	5	12.188	54.70	20.094	10.86	47.746	14.68	55.317	22.27	41.967	38.72
	15	12.505	56.30	20.418	9.17	48.091	12.91	55.873	20.59	42.315	36.89	15	12.505	56.30	20.418	9.17	48.091	12.91	55.873	20.59	42.315	36.89	
	25	12.832	58.10	20.752	7.40	48.449	11.20	56.448	19.31	42.677	35.15	Дек.	5	13.159	60.08	21.088	5.59	48.810	9.61	57.028	18.47	43.044	33.55
	15	13.479	62.12	21.417	3.81	49.164	8.20	57.597	18.11	43.405	32.15	15	13.479	62.12	21.417	3.81	49.164	8.20	57.597	18.11	43.405	32.15	
	25	13.781	64.17	21.729	2.13	49.502	7.01	58.139	18.26	43.751	30.99	25	13.781	64.17	21.729	2.13	49.502	7.01	58.139	18.26	43.751	30.99	
	35	14.054	66.16	22.013	0.60	49.811	6.09	58.637	18.90	44.070	30.13	35	14.054	66.16	22.013	0.60	49.811	6.09	58.637	18.90	44.070	30.13	
Среднее место- Eichelb.		10.797	55.10	18.600	14.28	46.120	23.13	53.182	42.08	40.374	48.22			— 76	+ 55	— 58	+ 28	— 79	+ 68	— 86	+ 19	— 38	+ 51

День.	258) π Leonis. II 20		260) γ Leonis. II 22		261) α Leonis. II 22		262) ζ Leonis. II 24		263) λ Ursae maj. II 24	
	h m	°	h m	°	h m	°	h m	°	h m	°
1928	9 56	+8 23	10 3	+17 6	10 4	+12 18	10 12	+23 46	10 12	+43 16
Янв.	1 24.474	27.81	24.449	51.79	32.225	72.40	41.213	34.52	45.742	22.57
	11 24.746	26.25	24.737	50.60	32.506	70.98	41.518	33.59	46.110	22.53
	21 24.979	24.89	24.986	49.69	32.749	69.80	41.786	32.98	46.432	22.93
	31 25.167	23.78	25.190	49.06	32.949	68.89	42.008	32.69	46.699	23.73
Февр.	10 25.307	22.92	25.344	48.71	33.099	68.25	42.179	32.72	46.903	24.89
	20 25.397	22.32	25.447	48.64	33.199	67.88	42.296	33.04	47.042	26.34
	29 25.439	21.97	25.500	48.81	33.250	67.75	42.361	33.61	47.116	28.02
Март	10 25.435	21.84	25.505	49.19	33.256	67.85	42.376	34.37	47.128	29.83
	20 25.393	21.90	25.468	49.74	33.221	68.13	42.347	35.28	47.082	31.68
	30 25.318	22.12	25.397	50.39	33.152	68.55	42.280	36.27	46.988	33.49
Апр.	9 25.219	22.47	25.300	51.11	33.057	69.07	42.184	37.29	46.856	35.19
	19 25.104	22.92	25.184	51.86	32.945	69.66	42.068	38.28	46.695	36.70
	29 24.980	23.43	25.058	52.60	32.823	70.29	41.939	39.20	46.516	37.97
Май	9 24.855	23.98	24.930	53.29	32.697	70.92	41.805	40.01	46.330	38.95
	19 24.734	24.56	24.805	53.92	32.576	71.53	41.673	40.70	46.145	39.62
Июнь	29 24.624	25.14	24.689	54.46	32.463	72.10	41.549	41.24	45.968	39.95
	8 24.527	25.71	24.587	54.91	32.363	72.62	41.438	41.61	45.808	39.95
	18 24.447	26.26	24.502	55.25	32.279	73.08	41.344	41.80	45.669	39.61
	28 24.387	26.77	24.437	55.47	32.214	73.46	41.269	41.82	45.557	38.96
Июль	8 24.348	27.23	24.398	55.57	32.170	73.76	41.216	41.67	45.473	38.00
	18 24.332	27.61	24.373	55.54	32.148	73.96	41.186	41.33	45.421	36.75
	28 24.340	27.92	24.377	55.38	32.150	74.05	41.181	40.81	45.402	35.24
Авг.	7 24.374	28.11	24.407	55.07	32.177	74.01	41.203	40.12	45.419	33.50
	17 24.434	28.17	24.465	54.60	32.231	73.83	41.253	39.26	45.472	31.55
	27 24.522	28.07	24.551	53.97	32.313	73.48	41.333	38.22	45.563	29.43
Сент.	6 24.640	27.79	24.666	53.16	32.424	72.95	41.444	37.00	45.694	27.16
	16 24.788	27.31	24.813	52.17	32.566	72.23	41.588	35.61	45.866	24.78
	26 24.967	26.61	24.993	51.00	32.740	71.30	41.765	34.06	46.079	22.33
Окт.	6 25.177	25.68	25.205	49.64	32.946	70.16	41.977	32.36	46.334	19.85
	16 25.419	24.51	25.450	48.11	33.185	68.81	42.224	30.53	46.630	17.38
	26 25.691	23.13	25.726	46.43	33.454	67.28	42.503	28.61	46.965	14.99
Нояб.	5 25.988	21.55	26.029	44.64	33.750	65.59	42.812	26.64	47.336	12.71
	15 26.305	19.81	26.354	42.78	34.069	63.78	43.146	24.66	47.736	10.63
	25 26.637	17.96	26.696	40.90	34.403	61.90	43.498	22.73	48.157	8.80
Дек.	5 26.974	16.06	27.045	39.06	34.745	60.00	43.860	20.91	48.589	7.28
	15 27.307	14.16	27.391	37.32	35.084	58.15	44.221	19.27	49.022	6.11
	25 27.626	12.34	27.724	35.75	35.411	56.42	44.570	17.85	49.441	5.35
	35 27.920	10.64	28.034	34.38	35.714	54.85	44.898	16.70	49.834	5.03
Ср. место Eichelb.	24.619 - 51	25.06 + 40	24.616 - 90	51.38 + 73	32.404 - 67	70.72 + 62	41.397 - 85	35.95 + 25	45.757 - 76	28.43 + 24

День.	264) γ Leonis. II 25			265) μ Ursae. maj. II 25		266) β III Ursae. maj. II 26		267) μ Hydrae. II 27		268) β Leonis min. II 27	
	h m	°	'	h m	°	h m	°	h m	°	h m	°
1928	10 15	+20 12	10 18	+41 51	10 18	+65 55	10 22	-16 27	10 23	+37 4	
Янв.	1	0.161	22.18	2.776	37.85	58.36	42.97	36.238	55.71	43.438	31.12
	11	0.462	21.06	3.141	37.71	58.96	43.82	36.519	58.26	43.788	30.70
	21	0.727	20.24	3.462	37.99	59.48	45.19	36.762	60.79	44.097	30.70
	31	0.946	19.73	3.730	38.68	59.91	47.02	36.962	63.25	44.356	31.09
Февр.	10	1.116	19.52	3.938	39.74	60.24	49.23	37.115	65.56	44.560	31.85
	20	1.235	19.61	4.082	41.10	60.46	51.71	37.219	67.68	44.704	32.92
	29	1.303	19.95	4.162	42.69	60.57	54.37	37.275	69.58	44.788	34.25
Март	10	1.322	20.51	4.181	44.44	60.57	57.09	37.286	71.22	44.815	35.75
	20	1.297	21.22	4.144	46.25	60.46	59.76	37.258	72.60	44.789	37.35
	30	1.236	22.04	4.059	48.03	60.26	62.26	37.196	73.70	44.718	38.96
Апр.	9	1.148	22.91	3.936	49.72	59.99	64.49	37.107	74.52	44.612	40.52
	19	1.038	23.79	3.784	51.24	59.67	66.38	36.999	75.07	44.478	41.95
	29	0.915	24.65	3.614	52.53	59.30	67.87	36.878	75.35	44.327	43.20
Май	9	0.789	25.42	3.436	53.55	58.91	68.89	36.750	75.37	44.167	44.23
	19	0.664	26.10	3.257	54.27	58.51	69.43	36.622	75.14	44.007	45.00
	29	0.544	26.67	3.087	54.67	58.12	69.48	36.498	74.68	43.853	45.49
Июнь	8	0.437	27.10	2.931	54.74	57.76	69.03	36.382	74.00	43.711	45.69
	18	0.345	27.39	2.794	54.49	57.43	68.10	36.277	73.12	43.586	45.60
	28	0.272	27.53	2.682	53.92	57.15	66.73	36.187	72.06	43.483	45.22
Июль	8	0.220	27.52	2.597	53.04	56.92	64.94	36.114	70.85	43.404	44.56
	18	0.189	27.36	2.542	51.88	56.75	62.78	36.061	69.53	43.352	43.63
	28	0.182	27.04	2.519	50.45	56.65	60.30	36.029	68.15	43.328	42.46
Авг.	7	0.201	26.54	2.530	48.79	56.61	57.55	36.022	66.75	43.335	41.05
	17	0.247	25.87	2.576	46.92	56.64	54.59	36.042	65.39	43.374	39.42
	27	0.321	25.03	2.660	44.86	56.75	51.47	36.091	64.12	43.447	37.61
Сент.	6	0.425	24.01	2.782	42.65	56.93	48.26	36.171	63.00	43.556	35.63
	16	0.563	22.81	2.943	40.32	57.18	45.01	36.286	62.11	43.702	33.50
	26	0.734	21.42	3.146	37.90	57.51	41.79	36.436	61.49	43.886	31.26
Окт.	6	0.939	19.87	3.390	35.44	57.91	38.66	36.622	61.20	44.111	28.94
	16	1.179	18.16	3.675	32.97	58.38	35.69	36.845	61.28	44.375	26.58
	26	1.450	16.32	3.999	30.56	58.91	32.95	37.102	61.75	44.676	24.23
Нояб.	5	1.752	14.40	4.359	28.25	59.51	30.51	37.389	62.62	45.013	21.93
	15	2.078	12.43	4.749	26.12	60.15	28.44	37.701	63.89	45.379	19.76
	25	2.422	10.48	5.161	24.22	60.82	26.80	38.030	65.53	45.767	17.77
Дек.	5	2.777	8.59	5.585	22.62	61.52	25.65	38.368	67.49	46.168	16.03
	15	3.133	6.85	6.011	21.37	62.21	25.03	38.704	69.72	46.572	14.60
	25	3.477	5.29	6.425	20.50	62.88	24.97	39.029	72.14	46.966	13.52
	35	3.799	3.98	6.814	20.06	63.52	25.46	39.331	74.67	47.337	12.82
Ср. место Eichelb.		0.374 - 53	22.71 - 2	2.836 - 50	43.58 + 48	57.71 - 33	52.43 - 18	36.440 - 54	65.84 + 42	43.581 - 78	35.97 + 54

День.	269) 36 Ursae maj. II 27			270) ρ Leonis. II 28			271) 9 H Dra- conis. II 28			272) 37 Leonis min. III 1			274) γ Hydrae. III 4		
	h	m	\circ	h	m	\circ	h	m	\circ	h	m	\circ	h	m	\circ
1928	10 26	+56 20		10 29	+ 9 40		10 28	+76 4		10 34	+32 20		10 46	-15 48	
Янв. 1	2.113	52.61	1.023	41.59	63.21	54.08	40.202	58.34	3.919	49.37					
11	2.582	53.00	1.317	39.97	64.17	55.17	40.540	57.62	4.215	51.86					
21	2.996	53.89	1.576	38.56	65.02	56.80	40.844	57.31	4.477	54.34					
31	3.344	55.25	1.794	37.41	65.72	58.91	41.103	57.38	4.699	56.75					
Февр. 10	3.615	56.99	1.966	36.54	66.26	61.41	41.309	57.83	4.876	59.04					
20	3.804	59.05	2.090	35.95	66.62	64.19	41.460	58.60	5.006	61.14					
29*)	3.909	61.33	2.165	35.62	66.80	67.14	41.553	59.64	5.088	63.03					
Март 10	3.932	63.73	2.195	35.53	66.80	70.13	41.593	60.89	5.126	64.67					
20	3.879	66.13	2.183	35.66	66.62	73.05	41.584	62.27	5.123	66.06					
30	3.760	68.44	2.136	35.95	66.28	75.76	41.532	63.72	5.085	67.19					
Апр. 9	3.585	70.56	2.063	36.38	65.81	78.18	41.443	65.16	5.019	68.04					
19	3.368	72.41	1.969	36.91	65.23	80.21	41.329	66.51	4.931	68.63					
29	3.121	73.93	1.861	37.50	64.57	81.78	41.196	67.74	4.826	68.97					
Май 9	2.858	75.06	1.747	38.12	63.86	82.84	41.055	68.78	4.712	69.07					
19	2.590	75.78	1.632	38.75	63.13	83.37	40.909	69.62	4.594	68.92					
29	2.329	76.06	1.521	39.37	62.40	83.35	40.769	70.23	4.475	68.55					
Июнь 8	2.084	75.90	1.419	39.95	61.71	82.78	40.637	70.59	4.361	67.97					
18	1.863	75.31	1.328	40.49	61.07	81.69	40.520	70.68	4.254	67.20					
28	1.673	74.31	1.253	40.97	60.49	80.11	40.421	70.51	4.157	66.26					
Июль 8	1.520	72.92	1.195	41.37	60.00	78.08	40.342	70.09	4.074	65.17					
18	1.407	71.17	1.155	41.68	59.61	75.65	40.287	69.41	4.007	63.98					
28	1.339	69.11	1.136	41.88	59.33	72.87	40.258	68.50	3.959	62.71					
Авг. 7	1.317	66.77	1.141	41.96	59.17	69.81	40.255	67.35	3.933	61.42					
17	1.345	64.20	1.170	41.90	59.13	66.53	40.281	66.00	3.932	60.14					
27	1.424	61.45	1.225	41.67	59.22	63.10	40.338	64.44	3.959	58.95					
Сент. 6	1.556	58.56	1.310	41.25	59.44	59.58	40.429	62.69	4.017	57.90					
16	1.742	55.59	1.427	40.62	59.78	56.04	40.555	60.78	4.108	57.05					
26	1.983	52.59	1.575	39.78	60.25	52.56	40.718	58.72	4.236	56.45					
Окт. 6	2.280	49.62	1.758	38.71	60.85	49.21	40.921	56.54	4.402	56.15					
16	2.630	46.73	1.977	37.41	61.57	46.06	41.163	54.28	4.606	56.21					
26	3.032	44.00	2.228	35.90	62.39	43.18	41.441	51.97	4.847	56.64					
Нояб. 5	3.480	41.49	2.510	34.20	63.31	40.66	41.755	49.68	5.121	57.45					
15	3.968	39.27	2.818	32.34	64.32	38.56	42.100	47.46	5.425	58.66					
25	4.485	37.41	3.146	30.38	65.38	36.95	42.466	45.35	5.750	60.23					
Дек. 5	5.020	35.97	3.485	28.38	66.48	35.87	42.851	43.47	6.088	62.11					
15	5.559	34.99	3.826	26.39	67.58	35.38	43.238	41.83	6.429	64.26					
25	6.085	34.52	4.158	24.48	68.65	35.49	43.618	40.51	6.762	66.61					
35	6.582	34.57	4.471	22.71	69.67	36.18	43.978	39.54	7.077	69.08					
Ср. место Eichelb.	1.926 - 44	61.15 + 30	1.318 - 65	39.24 + 27	61.56 - 191	64.71 - 6	40.437 - 94	6.231 + 14	4.263 - 44	59.69 + 59					

*) Для звезд 272) и 274) март 1.

День.	275) 46 Leo- nis min. III 4			276) 54 Leonis. III 5			277) β Ursae maj. III 6			278) α Ursae maj. III 7			279) γ Leonis. III 7		
	h	m	°	h	m	°	h	m	°	h	m	°	h	m	°
1928	10 49	+34 35		10 51	+ 25 7		10 57	+56 45		10 59	+ 62 7		11 1	+ 7 43	
Янв.	1	17.164	67.13	42.747	60.52		30.562	57.67		18.21	73.64		17.786	34.92	
	11	17.520	66.38	43.077	59.39		31.059	57.72		18.78	73.75		18.094	33.11	
	21	17.840	66.05	43.375	58.60		31.510	58.30		19.29	74.53		18.373	31.50	
	31	18.117	66.14	43.633	58.18		31.902	59.39		19.74	75.83		18.616	30.14	
Февр.	10	18.343	66.62	43.842	58.13		32.223	60.95		20.11	77.60		18.815	29.07	
	20	18.512	67.45	44.002	58.41		32.466	62.88		20.39	79.74		18.968	28.28	
Март	1	18.625	68.58	44.110	59.00		32.626	65.10		20.57	82.17		19.075	27.77	
	10	18.683	69.94	44.168	59.82		32.704	67.52		20.65	84.78		19.136	27.53	
	20	18.689	71.44	44.178	60.84		32.703	70.01		20.64	87.43		19.156	27.52	
	30	18.649	73.02	44.148	61.99		32.681	72.47		20.55	90.05		19.139	27.72	
Апр.	9	18.572	74.59	44.084	63.17		32.498	74.80		20.38	92.51		19.092	28.08	
	19	18.465	76.09	43.994	64.36		32.315	76.92		20.16	94.71		19.021	28.56	
	29	18.337	77.45	43.885	65.48		32.093	78.73		19.89	96.58		18.932	29.13	
Май	9	18.196	78.62	43.766	66.51		31.845	80.18		19.59	98.07		18.832	29.76	
	19	18.050	79.56	43.640	67.39		31.584	81.23		19.26	99.11		18.727	30.40	
	29	17.905	80.25	43.516	68.12		31.319	81.85		18.93	99.68		18.620	31.05	
Июнь	8	17.766	80.66	43.397	68.65		31.061	82.01		18.61	99.76		18.517	31.68	
	18	17.639	80.79	43.288	68.97		30.818	81.73		18.31	99.36		18.420	32.27	
	28	17.528	80.63	43.191	69.09		30.597	81.00		18.03	98.50		18.332	32.81	
Июль	8	17.435	80.19	43.111	69.00		30.406	79.85		17.78	97.18		18.257	33.27	
	18	17.364	79.47	43.050	68.69		30.248	78.29		17.58	95.45		18.197	33.65	
	28	17.317	78.48	43.010	68.17		30.130	76.38		17.43	93.34		18.153	33.92	
Авг.	7	17.297	77.24	42.993	67.43		30.054	74.14		17.32	90.89		18.129	34.07	
	17	17.306	78.76	43.000	66.48		30.024	71.62		17.27	88.15		18.127	34.08	
	27	17.346	74.07	43.037	65.31		30.043	68.86		17.27	85.18		18.150	33.92	
Сент.	6	17.420	72.17	43.104	63.94		30.115	65.91		17.34	82.03		18.201	33.57	
	16	17.531	70.09	43.205	62.38		30.242	62.83		17.48	78.75		18.283	33.01	
	26	17.680	67.85	43.340	60.64		30.426	59.66		17.68	75.41		18.399	32.23	
Окт.	6	17.870	65.50	43.514	58.72		30.669	56.47		17.95	72.07		18.550	31.21	
	16	18.100	63.07	43.726	56.67		30.970	53.33		18.29	68.80		18.739	29.95	
	26	18.371	60.60	43.976	54.50		31.329	50.30		18.69	65.69		18.964	28.45	
Нояб.	5	18.680	58.15	44.261	52.26		31.742	47.46		19.16	62.79		19.224	26.75	
	15	19.023	55.78	44.578	50.03		32.202	44.87		19.68	60.19		19.515	24.86	
	25	19.392	53.56	44.919	47.84		32.702	42.63		20.25	57.97		19.831	22.84	
Дек.	5	19.779	51.55	45.277	45.76		33.228	40.79		20.85	56.18		20.164	20.74	
	15	20.174	49.82	45.645	43.86		33.769	39.41		21.46	54.90		20.504	18.62	
	25	20.565	48.42	46.008	42.20		34.308	38.55		22.07	54.16		20.842	16.56	
	35	20.939	47.40	46.357	40.84		34.827	38.23		22.66	54.00		21.167	14.62	
Ср. место Eichelb.		17.456 - 104	71.93 + 47	43.109 - 59	62.87 - 3		30.568 - 67	67.28 + 47		18.06 - 103	83.98 + 39		18.243 - 46	32.09 + 1	

День.	280) ψ Ursae maj. III 8			281) δ Leonis. III 10		282) θ Leonis. III 10		283) φ Leonis. III 10		284) ξ Ursae maj. Яркая звезда III 11	
	h	m	o	h	m	h	m	h	m	h	m
1928	11 5	+44 52		11 10	+20 54	11 10	+15 49	11 12	- 3 15	11 14	+31 55
Янв. 1	37.142	74.14	16.470	64.44	27.353	24.02	59.522	21.83	20.312	58.96	
11	37.550	73.64	16.801	63.02	27.675	22.43	59.832	24.01	20.668	57.90	
21	37.924	73.64	17.104	61.93	27.969	21.13	60.112	26.06	20.998	57.24	
31	38.252	74.12	17.369	61.19	28.227	20.14	60.356	27.95	21.288	57.00	
Февр. 10	38.523	75.05	17.591	60.81	28.443	19.48	60.559	29.64	21.530	57.19	
20	38.733	76.37	17.765	60.78	28.611	19.14	60.719	31.09	21.721	57.76	
Март 1	38.879	78.02	17.889	61.06	28.732	19.11	60.833	32.29	21.860	58.67	
10 *)	38.961	79.90	17.965	61.62	28.806	19.36	60.904	33.22	21.945	59.84	
20	38.982	81.92	17.996	62.39	28.836	19.84	60.932	33.90	21.979	61.20	
30	38.948	83.99	17.987	63.33	28.828	20.50	60.928	34.35	21.968	62.71	
Апр. 9	38.867	86.02	17.944	64.36	28.787	21.28	60.892	34.58	21.919	64.25	
19	38.748	87.92	17.873	65.44	28.720	22.15	60.831	34.62	21.837	65.77	
29	38.599	89.62	17.782	66.51	28.634	23.04	60.751	34.49	21.731	67.20	
Май 9	38.431	91.06	17.677	67.53	28.534	23.91	60.659	34.22	21.611	68.47	
19	38.252	92.19	17.565	68.44	28.427	24.74	60.559	33.83	21.478	69.54	
29	38.069	92.98	17.450	69.23	28.317	25.49	60.457	33.36	21.341	70.40	
Июн. 8	37.890	93.40	17.337	69.87	28.210	26.14	60.355	32.76	21.208	71.00	
18	37.721	93.45	17.230	70.34	28.108	26.67	60.256	32.11	21.080	71.33	
28	37.568	93.13	17.133	70.63	28.015	27.06	60.165	31.41	20.962	71.38	
Июль 8	37.434	92.44	17.048	70.72	27.934	27.30	60.082	30.68	20.859	71.14	
18	37.323	91.39	16.978	70.62	27.867	27.39	60.013	29.95	20.772	70.62	
28	37.239	90.01	16.926	70.32	27.816	27.31	59.960	29.25	20.704	69.84	
Авг. 7	37.186	88.33	16.894	69.81	27.785	27.06	59.922	28.60	20.660	68.79	
17	37.165	86.37	16.885	69.09	27.776	26.62	59.905	28.03	20.641	67.48	
27	37.181	84.15	16.902	68.16	27.792	25.99	59.913	27.60	20.651	65.92	
Сент. 6	37.235	81.72	16.948	67.02	27.836	25.15	59.950	27.30	20.693	64.14	
16	37.332	79.11	17.026	65.67	27.912	24.09	60.017	27.21	20.769	62.15	
26	37.474	76.37	17.139	64.11	28.022	22.82	60.118	27.35	20.882	59.98	
Окт. 6	37.662	73.53	17.290	62.35	28.168	21.34	60.257	27.75	21.037	57.65	
16	37.898	70.66	17.479	60.42	28.353	19.66	60.436	28.44	21.233	55.19	
26	38.181	67.81	17.707	58.34	28.576	17.79	60.650	29.44	21.472	52.65	
Нояб. 5	38.510	65.04	17.972	56.15	28.836	15.77	60.902	30.73	21.752	50.10	
15	38.879	62.43	18.271	53.90	29.128	13.64	61.186	32.28	22.068	47.58	
25	39.281	60.05	18.598	51.64	29.448	11.46	61.495	34.09	22.415	45.17	
Дек. 5	39.708	57.97	18.945	49.44	29.787	9.28	61.824	36.08	22.784	42.92	
15	40.148	56.26	19.302	47.37	30.136	7.17	62.160	38.22	23.168	40.91	
25	40.588	54.97	19.660	45.50	30.485	5.21	62.496	40.44	23.554	39.21	
35	41.015	54.16	20.006	43.88	30.822	3.45	62.820	42.64	23.926	37.87	
Ср. место Eichelb.	37.417 - 97	81.73 + 47	16.944 - 76	65.80 + 67	27.843 - 63	23.82 + 40	60.047 - 29	28.28 + 52	20.752 - 69	63.56 + 29	

*) Для звезды: 284) март 11.

День.	285) ν Ursae. maj. III 11			286) σ Leonis. III 11			287) τ Leonis. III 12			289) λ Draconis. III 14			290) ρ Leonis. III 15		
	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$
1928	11 14		+33 28	11 17		+6 25	11 20		+10 55	11 27		+69 43	11 33		-0 25
Янв.	1	35.261	69.01	24.944	29.97	9.761	34.96	9.31	30.79	15.083	28.95				
	11	35.625	68.01	25.259	28.07	10.081	33.18	10.07	30.89	15.401	31.06				
	21	35.959	67.44	25.547	26.36	10.375	31.63	10.77	31.60	15.694	33.04				
	31	36.254	67.30	25.801	24.90	10.634	30.37	11.39	32.89	15.955	34.83				
Февр.	10	36.502	67.58	26.014	23.71	10.853	29.41	11.91	34.70	16.178	36.40				
	20	36.697	68.25	26.182	22.81	11.027	28.77	12.33	36.94	16.357	37.71				
Март	1	36.837	69.26	26.304	22.19	11.155	28.42	12.63	39.51	16.493	38.76				
	11	36.923	70.54	26.382	21.85	11.238	28.35	12.80	42.31	16.585	39.54				
	20	36.958	72.02	26.418	21.76	11.278	28.53	12.84	45.20	16.636	40.06				
	30	36.947	73.61	26.417	21.88	11.281	28.91	12.77	48.08	16.651	40.35				
Апр.	9	36.896	75.24	26.385	22.18	11.251	29.44	12.59	50.82	16.634	40.43				
	19	36.813	76.83	26.328	22.62	11.195	30.09	12.32	53.32	16.591	40.34				
	29	36.705	78.32	26.251	23.16	11.119	30.82	11.97	55.49	16.527	40.09				
Май	9	36.579	79.65	26.161	23.76	11.030	31.57	11.57	57.26	16.448	39.72				
	19	36.444	80.77	26.063	24.40	10.931	32.32	11.12	58.56	16.358	39.25				
	29	36.305	81.64	25.961	25.06	10.828	33.04	10.65	59.36	16.262	38.71				
Июнь	8	36.167	82.25	25.860	25.70	10.726	33.71	10.18	59.64	16.164	38.11				
	18	36.036	82.57	25.762	26.31	10.627	34.30	9.71	59.40	16.067	37.48				
	28	35.916	82.60	25.671	26.88	10.535	34.80	9.27	58.64	15.973	36.84				
Июль	8	35.809	82.34	25.590	27.38	10.452	35.19	8.86	57.37	15.886	36.20				
	18	35.720	81.79	25.521	27.80	10.381	35.46	8.50	55.64	15.808	35.59				
	28	35.651	80.95	25.466	28.13	10.325	35.60	8.19	53.47	15.742	35.02				
Авг.	7	35.606	79.83	25.429	28.33	10.287	35.59	7.94	50.92	15.692	34.52				
	17	35.586	78.46	25.413	28.39	10.269	35.42	7.77	48.04	15.660	34.13				
	27	35.596	76.84	25.421	28.29	10.275	35.06	7.68	44.88	15.651	33.87				
Сент.	6	35.638	74.99	25.456	28.00	10.309	34.50	7.66	41.50	15.669	33.77				
	16	35.715	72.94	25.521	27.51	10.373	33.73	7.73	37.97	15.717	33.86				
	26	35.831	70.71	25.621	26.79	10.471	32.73	7.90	34.35	15.799	34.18				
Окт.	6	35.988	68.32	25.757	25.82	10.606	31.50	8.16	30.72	15.919	34.76				
	16	36.188	65.82	25.931	24.61	10.780	30.04	8.51	27.16	16.078	35.60				
	26	36.430	63.26	26.143	23.16	10.993	28.37	8.96	23.73	16.276	36.72				
Нояб.	5	36.713	60.68	26.392	21.48	11.242	26.51	9.49	20.54	16.512	38.12				
	15	37.033	58.15	26.674	19.60	11.525	24.49	10.10	17.65	16.784	39.77				
	25	37.385	55.73	26.983	17.57	11.836	22.36	10.79	15.15	17.086	41.63				
Дек.	5	37.759	53.51	27.312	15.45	12.168	20.18	11.52	13.12	17.409	43.67				
	15	38.147	51.54	27.652	13.29	12.512	18.02	12.29	11.62	17.745	45.82				
	25	38.537	49.89	27.992	11.17	12.856	15.94	13.08	10.70	18.084	48.02				
	35	38.915	48.62	28.321	9.15	13.190	14.02	13.85	10.40	18.415	50.20				
Ср. место		35.693	74.02	25.488	26.78	10.313	33.26	9.07	42.91	15.722	34.39				
Eichelb.		- 90	+ 66	- 63	+ 31	+ 15	+ 78	- 53	+ 40	- 46	+ 57				

День.	292) γ Ursae maj. III 18			293) β Leonis. III 19		294) β Virginis. III 19		295) γ Ursae maj. III 20		296) π Virginis. III 22	
	h m	$^{\circ}$		h m	$^{\circ}$	h m	$^{\circ}$	h m	$^{\circ}$	h m	$^{\circ}$
1928	11 42	+48 10		11 45	+14 58	11 46	+2 9	11 50	+54 5	11 57	+7 0
Янв. 1	14.884	33.71	22.652	28.28	55.973	77.90	2.695	31.70	10.255	59.40	
11	15.327	32.94	22.985	26.49	56.297	75.83	3.187	31.02	10.583	57.91	
21	15.742	32.70	23.296	25.00	56.600	73.90	3.653	30.91	10.893	55.62	
31	16.117	33.00	23.576	23.82	56.873	72.18	4.076	31.37	11.173	54.07	
Февр. 10	16.442	23.80	23.818	22.98	57.109	70.71	4.444	32.36	11.417	52.81	
20	16.708	35.07	24.017	22.49	57.303	69.50	4.749	33.81	11.621	51.85	
Март 1	16.909	36.73	24.171	22.33	57.454	68.58	4.982	35.72	11.783	51.21	
11	17.044	38.70	24.280	22.48	57.562	67.94	5.141	37.92	11.902	50.86	
20*)	17.115	40.87	24.345	22.89	57.629	67.56	5.228	39.32	11.979	50.78	
30	17.125	43.15	24.371	23.51	57.659	67.42	5.245	42.83	12.019	50.93	
Апр. 9	17.082	45.44	24.362	24.29	57.657	67.48	5.199	45.33	12.025	51.28	
19	16.991	47.65	24.325	25.19	57.627	67.71	5.098	47.73	12.002	51.78	
29	16.863	49.68	24.264	26.14	57.575	68.07	4.951	49.93	11.956	52.39	
Май 9	16.706	51.46	24.185	27.09	57.506	68.54	4.767	51.85	11.890	53.08	
19	16.527	52.93	24.093	28.01	57.424	69.09	4.557	53.43	11.812	53.80	
29	16.336	54.05	23.994	28.87	57.335	69.68	4.330	54.62	11.724	54.52	
Июнь 8	16.140	54.79	23.891	29.63	57.241	70.30	4.094	55.38	11.630	55.22	
18	15.945	55.12	23.787	30.26	57.145	70.92	3.858	55.70	11.533	55.88	
28	15.758	55.04	23.686	30.76	57.052	71.53	3.628	55.57	11.436	56.48	
Июль 8	15.584	54.54	23.591	31.11	56.963	72.11	3.411	54.98	11.344	56.99	
18	15.427	53.64	23.505	31.29	56.881	72.64	3.213	53.95	11.257	57.40	
28	15.292	52.36	23.430	31.29	56.809	73.09	3.040	52.51	11.178	57.70	
Авг. 7	15.184	50.71	23.370	31.11	56.751	73.45	2.896	50.68	11.112	57.88	
17	15.106	48.73	23.329	30.73	56.711	73.70	2.787	48.49	11.062	57.90	
27	15.063	46.44	23.310	30.14	56.692	73.80	2.717	45.98	11.032	57.74	
Сент. 6	15.059	43.89	23.317	29.34	56.699	73.73	2.693	43.19	11.029	57.39	
16	15.099	41.12	23.355	28.31	56.735	73.47	2.717	40.18	11.055	56.83	
26	15.187	38.16	23.426	27.05	56.805	72.97	2.795	36.98	11.114	56.04	
Окт. 6	15.325	35.07	23.535	25.56	56.913	72.22	2.930	33.67	11.209	55.01	
16	15.516	31.91	23.684	23.86	57.060	71.22	3.125	30.30	11.344	53.74	
26	15.761	28.75	23.874	21.95	57.248	69.96	3.380	26.95	11.522	52.23	
Нояб. 5	16.059	25.65	24.104	19.87	57.475	68.44	3.696	23.69	11.740	50.49	
15	16.406	22.69	24.372	17.66	57.739	66.68	4.067	20.60	11.996	48.54	
25	16.796	19.95	24.672	15.37	58.035	64.73	4.487	17.77	12.286	46.46	
Дек. 5	17.221	17.51	24.998	13.07	58.356	62.63	4.950	15.28	12.602	44.27	
15	17.669	15.45	25.340	10.81	58.692	60.44	5.441	13.21	12.938	42.02	
25	18.128	13.83	25.688	8.67	59.033	58.23	5.946	11.62	13.280	39.80	
35	18.583	12.70	26.032	6.73	59.369	56.07	6.449	10.56	13.618	37.70	
С. место Eichelb.	15.344 — 88	42.82 + 22	23.331 — 63	28.14 + 35	56.688 — 53	73.42 + 71	3.129 — 58	42.14 + 64	11.020 — 45	56.67 + 42	

*) Для звезды 296: март 71.

День.	298) α Virginis.				299) α Corvi.				300) δ Draconis.				301) δ Ursae maj.				302) γ Corvi.			
	III 23				III 24				III 25				III 25				III 25			
1928	h	m	°		h	m	°		h	m	°		h	m	°		h	m	°	
	12	1	+ 9	7	12	6	-22	12	12	8	+78	0	12	11	+57	25	12	12	-17	8
Янв. 1	31.749	59.76	24.263	57.00	51.19	44.72	51.746	45.67	5.140	21.46										
11	32.080	57.79	24.604	59.34	52.39	44.47	52.277	44.81	5.475	23.75										
21	32.392	56.04	24.924	61.78	53.55	44.88	52.787	44.56	5.792	26.10										
31	32.676	54.57	25.214	64.27	54.62	45.91	53.258	44.90	6.081	28.44										
Февр. 10	32.925	53.40	25.468	66.73	55.57	47.53	53.677	45.82	6.335	30.70										
20	33.134	52.55	25.681	69.10	56.36	49.65	54.032	47.26	6.550	32.84										
Март 1	33.300	52.02	25.850	71.33	56.98	52.19	54.315	49.14	6.723	34.81										
11	33.423	51.79	25.976	73.37	57.41	55.08	54.520	51.39	6.854	36.58										
21	33.505	51.84	26.061	75.21	57.63	58.05	54.647	53.88	6.944	38.13										
30	33.548	52.13	26.107	76.83	57.65	61.12	54.698	56.52	6.998	39.45										
Апр. 9	33.557	52.60	26.118	78.20	57.48	64.12	54.678	59.18	7.017	40.53										
19	33.537	53.22	26.100	79.32	57.14	66.93	54.594	61.76	7.007	41.38										
29	33.492	53.95	26.057	80.20	56.64	69.45	54.455	64.16	6.973	42.00										
Май 9	33.429	54.73	25.992	80.83	56.01	71.59	54.271	66.30	6.917	42.41										
19	33.352	55.53	25.911	81.22	55.28	73.29	54.051	68.10	6.844	42.60										
29	33.264	56.31	25.816	81.36	54.47	74.49	53.806	69.51	6.758	42.59										
Июнь 8	33.169	57.05	25.711	81.27	53.61	75.15	53.545	70.48	6.662	42.40										
18	33.071	57.73	25.600	80.95	52.74	75.26	53.276	70.99	6.559	42.02										
28	32.973	58.32	25.485	80.42	51.87	74.81	53.007	71.02	6.452	41.47										
Июль 8	32.877	58.81	25.369	79.69	51.03	73.82	52.747	70.58	6.344	40.78										
18	32.787	59.18	25.258	78.78	50.24	72.31	52.502	69.66	6.238	39.95										
28	32.706	59.41	25.155	77.73	49.52	70.31	52.279	68.30	6.139	39.03										
Авг. 7	32.637	59.49	25.063	76.57	48.89	67.87	52.084	66.51	6.051	38.03										
17	32.584	59.41	24.987	75.34	48.37	65.03	51.923	64.33	5.978	37.01										
27	32.551	59.15	24.934	74.09	47.96	61.86	51.803	61.79	5.925	36.00										
Сент. 6	32.543	58.68	24.909	72.88	47.68	58.41	51.728	58.95	5.898	35.06										
16	32.564	57.99	24.917	71.77	47.54	54.75	51.705	55.84	5.902	34.23										
26	32.618	57.08	24.962	70.82	47.55	50.96	51.740	52.53	5.943	33.57										
Окт. 6	32.709	55.93	25.050	70.10	47.71	47.10	51.837	49.08	6.025	33.14										
16	32.841	54.54	25.183	69.66	48.04	43.27	51.999	45.55	6.150	32.99										
26	33.014	52.91	25.362	69.54	48.53	39.53	52.229	42.02	6.320	33.15										
Нояб. 5	33.228	51.07	25.586	69.79	49.18	35.99	52.527	38.56	6.533	33.65										
15	33.482	49.04	25.852	70.43	49.98	32.73	52.889	35.27	6.789	34.51										
25	33.770	46.88	26.154	71.46	50.91	29.85	53.309	32.23	7.080	35.71										
Дек. 5	34.085	44.63	26.484	72.86	51.95	27.41	53.779	29.52	7.400	37.25										
15	34.419	42.36	26.832	74.60	53.09	25.51	54.287	27.24	7.739	39.07										
25	34.761	40.15	27.188	76.63	54.28	24.20	54.817	25.45	8.088	41.14										
35	35.101	38.06	27.540	78.88	55.49	23.53	55.354	24.21	8.434	43.36										
Ср. место	32.532	57.79	25.128	69.88	50.88	58.40	52.297	57.09	6.037	32.58										
Eichelb.	- 61	+ 82	- 58	+ 50	- 91	- 24	- 147	+ 1	- 48	+ 64										

День.	304) η Virginis. III 26			306) λ Comae Ber. III 27			307) γ Comae Ber. (15) III 28			309) β Canum Ven. (8) III 30			310) κ Draconis. III 30		
	h	m	s	h	m	s	h	m	s	h	m	s	h	m	s
1928	12 16		-0 15	12 18		+26 14	12 23		+28 39	12 30		+41 44	12 30		+70 10
Янв. 1	12.409	55.59		52.494	39.97		20.278	61.67		18.834	45.80		24.69	52.17	
11	12.739	57.73		52.854	38.26		20.643	62.00		19.245	44.34		25.47	51.41	
21	13.052	59.75		53.199	36.95		20.994	58.70		19.643	43.40		26.23	51.30	
31	13.339	61.59		53.516	36.05		21.320	57.86		20.014	43.00		26.94	51.83	
Февр. 10	13.594	63.20		53.800	35.59		21.611	57.47		20.349	43.12		27.59	52.97	
20	13.811	64.56		54.042	35.55		21.862	57.54		20.639	43.76		28.15	54.67	
Март 1	13.988	65.64		54.240	35.93		22.068	58.04		20.877	44.87		28.60	56.85	
11	14.123	66.45		54.391	36.67		22.224	58.88		21.060	46.37		28.93	59.40	
21	14.218	66.98		54.497	37.70		22.334	60.05		21.188	48.19		29.15	62.21	
30	14.276	67.27		54.558	38.97		22.402	61.44		21.262	50.23		29.25	65.16	
Апр. 9	14.301	67.35		54.580	40.40		22.427	63.01		21.287	52.41		29.22	68.13	
19	14.297	67.24		54.567	41.91		22.416	64.62		21.267	54.61		29.09	71.00	
29	14.268	66.97		54.525	43.44		22.374	66.26		21.208	56.75		28.86	73.67	
Май 9	14.219	66.58		54.458	44.91		22.307	67.84		21.115	58.76		28.55	76.03	
19	14.154	66.09		54.372	46.29		22.219	69.30		20.996	60.55		28.17	78.01	
29	14.076	65.54		54.272	47.50		22.116	70.57		20.857	62.07		27.74	79.55	
Июнь 8	13.989	64.95		54.160	48.51		22.002	71.61		20.703	63.28		27.27	80.60	
18	13.896	64.34		54.044	49.30		21.882	72.47		20.540	64.13		26.77	81.14	
28	13.800	63.72		53.927	49.85		21.757	73.00		20.372	64.61		26.27	81.14	
Июль 8	13.704	63.12		53.810	50.12		21.633	73.25		20.205	64.70		25.78	80.61	
18	13.610	62.55		53.696	50.12		21.514	73.21		20.043	64.39		25.31	79.55	
28	13.522	62.04		53.591	49.84		21.402	72.88		19.890	63.69		24.86	78.00	
Авг. 7	13.443	61.60		53.498	49.28		21.302	72.25		19.752	62.61		24.46	75.98	
17	13.379	61.27		53.421	48.44		21.219	71.32		19.634	61.17		24.11	73.54	
27	13.333	61.07		53.365	47.32		21.156	70.08		19.540	59.38		23.83	70.71	
Сент. 6	13.310	61.02		53.334	45.93		21.117	68.57		19.476	57.26		23.62	67.55	
16	13.316	61.15		53.335	44.28		21.111	66.79		19.448	54.86		23.49	64.13	
26	13.355	61.50		53.370	42.37		21.140	64.76		19.461	52.20		23.45	60.50	
Окт. 6	13.431	62.09		53.444	40.24		21.210	62.49		19.519	49.32		23.50	56.74	
16	13.548	62.94		53.560	37.91		21.324	60.02		19.627	46.28		23.66	52.91	
26	13.708	64.06		53.724	35.41		21.484	57.41		19.788	43.13		23.92	49.11	
Нояб. 5	13.910	65.44		53.932	32.80		21.690	54.67		20.002	39.94		24.28	45.43	
15	14.152	67.08		54.184	30.10		21.939	51.88		20.267	36.78		24.75	41.95	
25	14.430	68.93		54.475	27.42		22.231	49.12		20.580	33.73		25.31	38.76	
Дек. 5	14.738	70.97		54.798	24.81		22.557	46.46		20.935	30.88		25.95	35.96	
15	15.066	73.12		55.147	22.35		22.909	43.95		21.321	28.31		26.66	33.63	
25	15.404	75.33		55.511	20.10		23.276	41.70		21.728	26.10		27.41	31.85	
35	15.742	77.53		55.878	18.17		23.648	39.76		22.142	24.33		28.19	30.67	
Ср. место	13.298	60.72		53.322	43.83		21.119	66.32		19.656	54.15		25.17	65.59	
Eichelb.	- 59	+ 41		- 92	+ 15		-	-		- 92	+ 62		- 20	+ 2	

День.	311) β Corvi. III 30		312) 23 Comae Ber. III 30		314) γ Virginis. Яркая звезда IV 1		316) ϵ Ursae maj. IV 4		317) δ Virginis. IV 4	
	h m	$^{\circ}$ ' "	h m	$^{\circ}$ ' "	h m	$^{\circ}$ ' "	h m	$^{\circ}$ ' "	h m	$^{\circ}$ ' "
1928	12 30	-22 59	12 31	+23 1	12 37	-1 3	12 50	+56 20	12 51	+3 40
Янв. 1	35.036	42.73	14.978	28.01	59.751	14.72	51.179	49.43	57.454	81.01
11	35.386	44.96	15.332	26.17	60.082	16.87	51.695	48.06	57.788	78.87
21	35.719	47.31	15.673	24.68	60.402	18.92	52.203	47.29	58.112	76.89
31	36.026	49.72	15.991	23.59	60.699	20.79	52.636	47.15	58.417	75.13
Февр. 10	36.300	52.13	16.276	22.91	60.967	22.45	53.130	47.62	58.695	73.63
20	36.536	54.46	16.523	22.67	61.201	23.86	53.522	48.66	58.940	72.42
Март 1	36.731	56.68	16.728	22.84	61.396	25.00	53.852	50.23	59.147	71.52
11	36.884	58.74	16.889	23.38	61.552	25.86	54.113	52.23	59.316	70.92
21	36.997	60.61	17.007	24.20	61.668	26.45	54.302	54.57	59.447	70.62
31	37.071	62.27	17.082	25.28	61.747	26.78	54.418	57.14	59.541	70.58
Апр. 9	37.110	63.71	17.117	26.55	61.793	26.90	54.464	59.84	59.600	70.76
19	37.118	64.91	17.118	27.94	61.809	26.83	54.444	62.54	59.628	71.13
29	37.098	65.88	17.090	29.38	61.798	26.59	54.366	65.15	59.630	71.64
Май 9	37.055	66.62	17.038	30.79	61.766	26.22	54.237	67.57	59.608	72.26
19	36.991	67.12	16.966	32.13	61.716	25.75	54.065	69.71	59.565	72.95
29	36.911	67.39	16.877	33.34	61.649	25.22	53.857	71.50	59.506	73.67
Июнь 8	36.817	67.43	16.777	34.39	61.571	24.64	53.623	72.90	59.432	74.40
18	36.712	67.25	16.667	35.24	61.482	24.04	53.370	73.86	59.347	75.10
28	36.599	66.86	16.553	35.88	61.386	23.42	53.106	74.36	59.252	75.75
Июль 8	36.481	66.26	16.438	36.26	61.287	22.82	52.839	74.37	59.152	76.34
18	36.363	65.49	16.326	36.40	61.187	22.25	52.576	73.90	59.049	76.85
28	36.248	64.56	16.219	36.28	61.089	21.74	52.323	72.95	58.947	77.26
Авг. 7	36.142	63.51	16.123	35.89	60.997	21.30	52.087	71.54	58.849	77.55
17	36.049	62.37	16.039	35.22	60.917	20.96	51.876	69.70	58.760	77.71
27	35.975	61.19	15.972	34.30	60.853	20.73	51.697	67.46	58.686	77.71
Сент. 6	35.927	60.02	15.931	33.10	60.810	20.65	51.556	64.85	58.632	77.53
16	35.910	58.92	15.918	31.64	60.793	20.74	51.462	61.92	58.603	77.15
26	35.931	57.95	15.939	29.92	60.808	21.05	51.420	58.72	58.605	76.55
Окт. 6	35.994	57.17	15.998	27.97	60.861	21.59	51.438	55.32	58.644	75.72
16	36.103	56.65	16.101	25.80	60.956	22.38	51.520	51.76	58.724	74.64
26	36.259	56.43	16.248	23.43	61.093	23.44	51.670	48.12	58.848	73.31
Нояб. 5	36.463	56.55	16.441	20.92	61.276	24.77	51.890	44.49	59.017	71.73
15	36.712	57.05	16.677	18.30	61.501	26.34	52.179	40.94	59.229	69.93
25	37.001	57.92	16.956	15.66	61.764	28.14	52.534	37.58	59.482	67.93
Дек. 5	37.322	59.16	17.268	13.04	62.058	30.13	52.946	34.50	59.769	65.79
15	37.667	60.75	17.608	10.54	62.379	32.25	53.405	31.78	60.083	63.55
25	38.024	62.63	17.961	8.22	62.715	34.44	53.900	29.51	60.414	61.29
35	38.381	64.75	18.320	6.15	63.052	36.65	54.414	27.77	60.752	59.07
Ср. место Eichsb.	36.075 - 42	55.72 + 38	15.888 - 37	31.00 + 79	60.773 - 206	19.92 + 313	52.055 - 66	61.12 + 63	58.541 - 39	77.70 + 75

День.	318) α^2 Canum Ven. IV 5		319) ϵ Virginis. IV 5		321) β Comae Ber. (43) IV 9		323) γ Virginis. IV 10		324) 20 Canum Ven. IV 10	
	h m	°	h m	°	h m	°	h m	°	h m	°
1928	12 52	+38 41	12 58	+11 20	13 8	+28 14	13 13	+5 50	13 14	+40 56
Янв. 1	38.811	76.36	34.474	45.14	29.800	28.37	56.859	57.67	17.897	55.11
11	39.208	74.63	34.813	43.03	30.162	26.39	57.196	55.44	18.300	53.21
21	39.597	73.38	35.143	41.16	30.518	24.79	57.525	53.46	18.699	51.82
31	39.967	72.66	35.456	39.59	30.859	23.65	57.839	51.72	19.085	50.96
Февр. 10	40.305	72.48	35.742	38.34	31.174	22.99	58.128	50.24	19.444	50.67
20	40.604	72.82	35.996	37.45	31.456	22.80	58.389	49.10	19.766	50.93
Март 1	40.857	73.64	36.213	36.92	31.699	23.08	58.616	48.27	20.046	51.71
11	41.061	74.89	36.391	36.73	31.899	23.78	58.806	47.77	20.277	52.95
21	41.213	76.50	36.529	36.87	32.056	24.85	58.958	47.58	20.458	54.58
31	41.315	78.38	36.630	37.28	32.170	26.22	59.075	47.65	20.589	56.52
Апр. 9*)	41.369	80.44	36.696	37.92	32.243	27.81	59.157	47.98	20.670	58.67
19	41.380	82.58	36.729	38.73	32.278	29.54	59.208	48.50	20.705	60.94
29	41.352	84.72	36.734	39.66	32.278	31.34	59.230	49.15	20.698	63.23
Май 9	41.290	86.76	36.714	40.67	32.249	33.13	59.227	49.91	20.653	65.45
19	41.200	88.64	36.672	41.69	32.193	34.83	59.201	50.73	20.575	67.51
29	41.086	90.29	36.612	42.69	32.115	36.40	59.156	51.57	20.469	69.36
Июнь 8	40.954	91.66	36.537	43.63	32.019	37.77	59.093	52.39	20.341	70.92
18	40.808	92.71	36.449	44.47	31.908	38.91	59.016	53.18	20.194	72.16
28	40.654	93.40	36.352	45.20	31.785	39.78	58.926	53.88	20.033	73.03
Июль 8	40.495	93.73	36.248	45.79	31.655	40.36	58.826	54.51	19.863	73.53
18	40.336	93.67	36.141	46.23	31.521	40.63	58.720	55.03	19.689	73.62
28	40.182	93.23	36.034	46.49	31.387	40.59	58.610	55.41	19.515	73.30
Авг. 7	40.037	92.41	35.931	46.57	31.257	40.22	58.503	55.66	19.347	72.58
17	39.906	91.22	35.836	46.45	31.137	39.53	58.403	55.76	19.190	71.45
27	39.796	89.67	35.756	46.12	31.031	38.53	58.313	55.70	19.051	69.95
Сент. 6	39.712	87.78	35.695	45.57	30.945	37.21	58.241	55.42	18.936	68.08
16	39.659	85.58	35.658	44.79	30.887	35.58	58.194	54.95	18.852	65.87
26	39.644	83.10	35.653	43.76	30.862	33.67	58.175	54.25	18.805	63.35
Окт. 6	39.673	80.36	35.685	42.48	30.875	31.49	58.192	53.31	18.801	60.56
16	39.750	77.43	35.757	40.96	30.932	29.08	58.250	52.11	18.847	57.54
26	39.878	74.35	35.874	39.20	31.036	26.46	58.353	50.67	18.946	54.35
Нояб. 5	40.059	71.17	36.036	37.22	31.189	23.68	58.501	49.00	19.101	51.05
15	40.292	67.98	36.243	35.06	31.391	20.81	58.694	47.11	19.311	47.71
25	40.575	64.85	36.491	32.75	31.640	17.91	58.931	45.03	19.575	44.43
Дек. 5	40.901	61.87	36.775	30.36	31.930	15.06	59.205	42.82	19.886	41.29
15	41.262	59.13	37.088	27.95	32.254	12.33	59.510	40.52	20.237	38.37
25	41.647	56.70	37.421	25.59	32.602	9.82	59.835	38.22	20.619	35.77
35	42.045	54.66	37.762	23.35	32.964	7.60	60.172	35.99	21.019	33.57
Ср. место	39.786	84.16	35.575	44.55	30.903	33.35	58.066	55.30	19.000	63.63
Eichelb .	- 72	+ 45	- 70	+ 55	- 78	+ 30	- 18	+ 20	- 52	+ 93

*) Для звезд 323) и 324) апр. 10.

День.	325) ζ' Ursae maj. IV 12			326) α Virgi- nis. IV 12			327) Pi 110. [69 H Ursae maj.] IV 13			328) ζ Virgi- nis. IV 14			330) Pi 136 (17 H Canum. Ven.) IV 14		
	h m	°	'	h m	°	'	h m	°	'	h m	°	'	h m	°	'
1928	13 21	+55 17		13 21	-10 47		13 25	+60 18		13 31	- 0 13		13 31	+37 32	
Янв.	1	0.722	51.49	22.513	1.93		47.53	49.53	0.035	38.28		33.813	54.52		
	11	1.217	49.75	22.852	4.00		48.08	47.82	0.368	40.42		34.198	52.42		
	21	1.714	48.59	23.186	6.09		48.63	46.72	0.698	42.45		34.585	50.80		
	31	2.197	48.06	23.505	8.12		49.17	46.27	1.015	44.32		34.961	49.70		
Февр.	10	2.651	48.16	23.800	10.04		49.69	46.46	1.311	45.97		35.314	49.15		
	20	3.063	48.87	24.066	11.81		50.15	47.27	1.580	47.37		35.637	49.14		
Март.	1	3.421	50.14	24.299	13.39		50.56	48.67	1.818	48.48		35.921	49.66		
	11	3.718	51.90	24.497	14.74		50.90	50.56	2.021	49.30		36.162	50.66		
	21	3.949	54.07	24.658	15.87		51.16	52.86	2.188	49.84		36.357	52.07		
	31	4.111	56.54	24.784	16.77		51.34	55.47	2.321	50.11		36.505	53.83		
Апр.	10	4.206	59.20	24.877	17.45		51.45	58.27	2.421	50.14		36.606	55.83		
	19	4.237	61.95	24.939	17.92		51.48	61.14	2.490	49.97		36.663	57.99		
	29	4.208	64.67	24.973	18.22		51.44	63.97	2.530	49.63		36.680	60.21		
Май	9	4.124	67.25	24.981	18.35		51.34	66.66	2.543	49.16		36.661	62.40		
	19	3.992	69.62	24.965	18.33		51.18	69.11	2.533	48.60		36.608	64.49		
	29	3.820	71.69	24.928	18.18		50.97	71.25	2.501	47.98		36.526	66.39		
Июнь	8	3.615	73.40	24.872	17.93		50.72	73.00	2.450	47.33		36.420	68.05		
	18	3.383	74.69	24.799	17.58		50.43	74.32	2.382	46.67		36.293	69.41		
	28	3.132	75.54	24.711	17.15		50.13	75.18	2.299	46.03		36.149	70.45		
Июль	8	2.869	75.92	24.612	16.65		49.81	75.53	2.203	45.42		35.993	71.12		
	18	2.601	75.81	24.505	16.10		49.48	75.38	2.098	44.87		35.829	71.42		
	28	2.335	75.22	24.392	15.52		49.15	74.73	1.986	44.39		35.662	71.32		
Авг.	7	2.078	74.15	24.278	14.92		48.84	73.58	1.873	43.99		35.497	70.83		
	17	1.838	72.62	24.170	14.32		48.54	71.96	1.764	43.70		35.339	69.95		
	27	1.622	70.66	24.072	13.76		48.28	69.89	1.663	43.54		35.194	68.68		
Сент.	6	1.438	68.30	23.992	13.28		48.05	67.41	1.578	43.52		35.070	67.05		
	16	1.295	65.57	23.935	12.90		47.86	64.56	1.515	43.68		34.973	65.07		
	26	1.200	62.53	23.910	12.67		47.74	61.39	1.481	44.03		34.910	62.76		
Окт.	6	1.161	59.22	23.922	12.61		47.67	57.96	1.482	44.60		34.887	60.17		
	16	1.184	55.71	23.975	12.78		47.67	54.33	1.523	45.40		34.911	57.32		
	26	1.274	52.06	24.075	13.20		47.75	50.57	1.609	46.46		34.987	54.27		
Нояб.	5	1.435	48.36	24.222	13.90		47.91	46.77	1.742	47.76		35.117	51.07		
	15	1.666	44.69	24.416	14.88		48.15	43.02	1.921	49.31		35.301	47.80		
	25	1.966	41.14	24.654	16.14		48.47	39.40	2.145	51.08		35.539	44.54		
Дек.	5	2.328	37.82	24.931	17.66		48.86	36.03	2.408	53.04		35.825	41.36		
	15	2.745	34.81	25.239	19.40		49.31	33.00	2.703	55.13		36.152	38.36		
	25	3.204	32.21	25.568	21.32		49.81	30.40	3.022	57.30		36.511	35.63		
	35	3.691	30.11	25.909	23.36		50.35	28.32	3.354	59.48		36.892	33.26		
Ср. место Eichelb.		1.842 - 102	63.14 + 15	23.837 - 50	9.92 + 39		48.69 43 -	62.02 + 20	1.364 - 48	42.42 + 43		35.029 - 36	62.27 + 49		

День.	332) τ Bootis. IV 18		333) γ Ursae maj. IV 18		335) ϵ 10 Dra- conis. IV 19		336) η Bootis. IV 19		337) τ Virginis. IV 21	
	h m	°	h m	°	h m	°	h m	°	h m	°
1928	13 43	+17 48	13 44	+49 39	13 49	+65 4	13 51	+18 45	13 57	+ 1 53
яв.										
1	49.101	51.33	41.074	68.77	18.36	29.85	14.020	25.97	57.371	34.92
11	49.440	49.10	41.512	66.68	18.97	27.94	14.359	23.69	57.699	32.78
21	49.779	47.15	41.958	65.14	19.59	26.64	14.699	21.70	58.030	30.75
31	50.109	45.55	42.397	64.20	20.21	26.00	15.032	20.07	58.353	28.91
февр.										
10	50.421	44.35	42.816	63.88	20.81	26.03	15.348	18.85	58.660	27.29
20	50.707	43.56	43.203	64.16	21.37	26.71	15.640	18.05	58.944	25.96
март										
1	50.962	43.19	43.547	65.03	21.87	28.00	15.902	17.69	59.200	24.93
11	51.182	43.23	43.841	66.43	22.29	29.82	16.130	17.75	59.425	24.21
21	51.366	43.65	44.081	68.27	22.63	32.10	16.321	18.19	59.617	23.79
31	51.512	44.40	44.264	70.47	22.89	34.72	16.475	18.97	59.776	23.65
апр.										
10	51.622	45.42	44.389	72.93	23.05	37.57	16.591	20.02	59.902	23.76
19*)	51.698	46.64	44.458	75.54	23.12	40.54	16.678	21.29	59.997	24.09
29	51.742	48.00	44.474	78.19	23.11	43.51	16.730	22.70	60.063	24.59
май										
9	51.757	49.43	44.441	80.78	23.02	46.37	16.751	24.18	60.101	25.21
19	51.745	50.86	44.364	83.23	22.85	49.02	16.745	25.67	60.114	25.93
29	51.708	52.25	44.248	85.43	22.62	51.37	16.714	27.11	60.102	26.69
июнь										
8	51.650	53.54	44.099	87.34	22.33	53.34	16.660	28.45	60.068	27.46
18	51.573	54.69	43.921	88.88	21.99	54.90	16.586	29.64	60.013	28.22
28	51.478	55.66	43.720	90.08	21.62	55.98	16.494	30.66	59.939	28.94
июль										
8	51.370	56.44	43.502	90.74	21.23	56.56	16.386	31.47	59.849	29.59
18	51.252	56.99	43.273	90.99	20.82	56.61	16.267	32.04	59.745	30.17
28	51.126	57.30	43.039	90.78	20.40	56.15	16.139	32.36	59.631	30.65
авг.										
7	50.998	57.36	42.806	90.11	19.99	55.17	16.008	32.42	59.511	31.02
17	50.872	57.15	42.582	88.98	19.59	53.69	15.879	32.21	59.390	31.26
27	50.754	56.68	42.374	87.41	19.23	51.74	15.756	31.72	59.275	31.35
сент.										
6	50.651	55.93	42.189	85.43	18.90	49.34	15.647	30.95	59.172	31.28
16	50.570	54.90	42.036	83.05	18.62	46.55	15.559	29.89	59.088	31.03
26	50.516	53.59	41.923	80.33	18.40	43.40	15.498	28.54	59.030	30.58
окт.										
6	50.497	52.01	41.857	77.29	18.25	39.97	15.471	26.92	59.005	29.91
16	50.518	50.17	41.846	74.01	18.18	36.29	15.485	25.03	59.019	29.00
26	50.584	48.08	41.895	70.54	18.19	32.47	15.543	22.89	59.078	27.85
нояб.										
5	50.699	45.78	42.008	66.95	18.30	28.58	15.650	20.53	59.183	26.46
15	50.862	43.30	42.186	63.31	18.51	24.71	15.806	18.00	59.337	24.83
25	51.071	40.70	42.428	59.73	18.81	20.95	16.010	15.34	59.537	22.99
дек.										
5	51.324	38.03	42.731	56.30	19.19	17.41	16.257	12.62	59.780	20.98
15	51.613	35.38	43.086	53.11	19.66	14.20	16.542	9.91	60.059	18.84
25	51.930	32.81	43.483	50.26	20.20	11.41	16.857	7.30	60.365	16.64
35	52.265	30.42	43.910	47.85	20.78	9.12	17.190	4.86	60.690	14.45
Ср. место	50.433	53.42	42.368	79.35	19.76	42.88	15.389	28.42	58.842	32.00
Eichelb.	- 50	+ 72	- 88	+ 60	-101	- 54	- 76	+ 37	- 61	+ 46

*) Для звезды 337): апр. 20.

День.	338) α Draconis. IV 22		340) 12d Bootis. IV 24		341) 4 Ursae min. IV 24		345) α Bootis. IV 25		346) γ Bootis. IV 25		
	h m	° ' "	h m	° ' "	h m	° ' "	h m	° ' "	h m	° ' "	
1928	14 2	+64 42	14 7	+25 25	14 9	+77 52	14 12	+19 32	14 13	+51 4	
Янв.	1	24.82	57.49	5.496	50.28	4.02	54.80	21.139	80.35	35.519	44.56
	11	25.41	55.41	5.838	47.92	5.08	52.87	21.469	77.94	35.952	42.21
	21	26.02	53.94	6.187	45.90	6.20	51.58	21.806	75.83	36.402	40.40
	31	26.63	53.12	6.532	44.30	7.34	50.95	22.139	74.07	36.855	39.18
Февр.	10	27.23	52.98	6.863	43.16	8.47	51.01	22.460	72.73	37.295	38.56
	20	27.79	53.49	7.173	42.50	9.54	51.73	22.760	71.82	37.710	38.64
Март	1	28.30	54.63	7.453	42.33	10.56	53.07	23.033	71.36	38.090	39.30
	11	28.74	56.33	7.701	42.63	11.36	54.97	23.275	71.34	38.425	40.54
	21	29.10	58.51	7.912	43.35	12.06	57.33	23.483	71.72	38.707	42.27
	31	29.38	61.06	8.085	44.45	12.58	60.05	23.655	72.47	38.933	44.42
Апр.	10	29.57	63.88	8.221	45.85	12.92	63.01	23.793	73.51	39.102	46.88
	20	29.67	66.84	8.320	47.48	13.07	66.09	23.896	74.79	39.214	49.54
	29	29.68	69.84	8.385	49.25	13.04	69.18	23.967	76.23	39.268	52.30
Май	9	29.61	72.76	8.416	51.09	12.84	72.16	24.006	77.76	39.268	55.09
	19	29.47	75.49	8.417	52.93	12.47	74.92	24.016	79.31	39.219	57.70
	29	29.26	77.95	8.389	54.69	11.94	77.38	23.998	80.82	39.124	60.13
Июнь	8	29.00	80.07	8.335	56.31	11.29	79.45	23.955	82.24	38.988	62.33
	18	28.68	81.77	8.258	57.75	10.54	81.08	23.889	83.52	38.816	64.13
	28	28.32	83.01	8.160	58.96	9.70	82.23	23.802	84.61	38.613	65.60
Июль	8	27.93	83.76	8.044	59.91	8.79	82.85	23.696	85.49	38.385	66.67
	18	27.52	84.00	7.913	60.57	7.85	82.94	23.575	86.13	38.139	67.17
	28	27.11	83.71	7.771	60.92	6.89	82.48	23.442	86.51	37.880	67.23
Авг.	7	26.69	82.90	7.624	60.95	5.93	81.49	23.302	86.61	37.617	66.88
	17	26.29	81.59	7.476	60.66	5.00	79.99	23.159	86.43	37.356	65.98
	27	25.90	79.79	7.334	60.04	4.13	78.00	23.021	85.96	37.105	64.65
Сент.	6	25.55	77.54	7.204	59.08	3.32	75.56	22.894	85.20	36.873	62.88
	16	25.25	74.87	7.093	57.79	2.61	72.71	22.785	84.13	36.670	60.69
	26	25.01	71.83	7.009	56.19	2.01	69.50	22.702	82.77	36.504	58.03
Окт.	6	24.83	68.47	6.960	54.28	1.55	66.00	22.651	81.12	36.385	55.51
	16	24.73	64.87	6.951	52.09	1.23	62.27	22.639	79.19	36.320	51.80
	26	24.71	61.08	6.988	49.64	1.08	58.39	22.672	77.00	36.316	48.44
Нояб.	5	24.78	57.19	7.074	46.98	1.10	54.44	22.753	74.58	36.378	44.77
	15	24.95	53.29	7.213	44.15	1.31	50.52	22.884	71.98	36.510	41.00
	25	25.22	49.48	7.402	41.21	1.70	46.72	23.065	69.24	36.711	37.37
Дек.	5	25.58	45.87	7.638	38.25	2.27	43.15	23.292	66.42	36.979	33.77
	15	26.01	42.55	7.915	35.33	3.00	39.91	23.559	63.61	37.306	30.31
	25	26.52	39.62	8.226	32.55	3.88	37.10	23.859	60.88	37.683	27.31
	35	27.08	37.19	8.561	29.99	4.88	34.81	24.182	58.32	38.100	24.61
Ср. место		26.35	70.40	6.934	54.86	6.12	68.71	22.618	83.25	37.021	55.31
Eichelb.		- 90	- 12	- 112	+ 71	- 131	- 1	- 66	+ 58	- 100	+ 41

День.	347) λ Bootis. IV 25		348) η Bootis. IV 27		349) ρ Bootis. IV 29		350) ι Bootis. IV 29		351) σ Bootis. IV 30		
	h m	°	h m	°	h m	°	h m	°	h m	°	
1928	14 13	+ 46 24	14 22	+ 52 10	14 28	+ 30 40	14 29	+ 38 36	14 31	+ 30 3	
Янв.	1	37.376	55.75	43.189	47.54	42.082	65.65	9.206	72.54	31.193	19.28
	11	37.779	53.36	43.619	45.08	42.423	63.15	9.568	70.01	31.533	16.77
	21	38.196	51.48	44.068	43.16	42.777	61.03	9.944	67.92	31.886	14.63
	31	38.613	50.17	44.523	41.84	43.133	59.36	10.324	66.34	32.240	12.92
Февр.	10	39.019	49.46	44.969	41.15	43.479	58.19	10.695	65.32	32.585	11.73
	20	39.401	49.37	45.393	41.10	43.807	57.55	11.047	64.88	32.913	11.05
Март	1	39.750	49.88	45.782	41.68	44.110	57.44	11.373	65.01	33.216	10.90
	11	40.058	50.94	46.128	42.84	44.382	57.84	11.665	65.70	33.489	11.26
	21	40.319	52.50	46.424	44.51	44.618	58.72	11.918	66.88	33.727	12.11
	31	40.530	54.47	46.664	46.61	44.817	60.00	12.129	68.49	33.927	13.35
Апр.	10	40.690	56.76	46.846	49.05	44.977	61.62	12.297	70.45	34.092	14.95
	20	40.798	59.27	46.970	51.71	45.099	63.50	12.422	72.66	34.216	16.79
	29	40.856	61.88	47.037	54.48	45.184	65.65	12.504	75.03	34.306	18.83
Май	9	40.868	64.51	47.049	57.26	45.232	67.67	12.545	77.46	34.357	20.93
	19	40.835	67.05	47.009	59.95	45.247	69.80	12.547	79.86	34.374	23.04
	29	40.762	69.42	46.921	62.46	45.229	71.84	12.513	82.15	34.360	25.08
Июнь	8	40.652	71.54	46.790	64.70	45.181	73.74	12.445	84.24	34.317	26.98
	18	40.510	73.34	46.621	66.61	45.104	75.44	12.347	86.08	34.245	28.69
	28	40.340	74.79	46.420	68.14	45.003	76.88	12.221	87.63	34.147	30.13
Июль	8	40.148	75.83	46.190	69.24	44.880	78.03	12.071	88.82	34.027	31.29
	18	39.938	76.44	45.940	69.89	44.738	78.85	11.902	89.64	33.888	32.14
	28	39.717	76.61	45.676	70.06	44.582	79.32	11.718	90.05	33.734	32.64
Авг.	7	39.490	76.32	45.404	69.74	44.416	79.43	11.524	90.05	33.571	32.77
	17	39.264	75.57	45.132	68.95	44.246	79.16	11.328	89.63	33.402	32.55
	27	39.046	74.37	44.869	67.68	44.079	78.53	11.136	88.79	33.236	31.96
Сент.	6	38.845	72.74	44.624	65.95	43.922	77.52	10.955	87.53	33.080	31.00
	16	38.670	70.70	44.406	63.79	43.783	76.15	10.793	85.88	32.989	29.66
	26	38.528	68.28	44.224	61.23	43.669	74.43	10.659	83.85	32.825	27.97
Окт.	6	38.428	65.52	44.088	58.32	43.588	72.37	10.561	81.46	32.743	25.96
	16	38.377	62.46	44.005	55.10	43.548	70.01	10.506	78.76	32.701	23.62
	26	38.383	59.16	43.984	51.64	43.555	67.37	10.502	75.79	32.706	21.03
Нояб.	5	38.450	55.67	44.030	48.00	43.612	64.51	10.553	72.60	32.761	18.21
	15	38.580	52.09	44.145	44.26	43.724	61.47	10.661	69.26	32.872	15.19
	25	38.773	48.49	44.331	40.51	43.890	58.32	10.828	65.85	33.033	12.08
Дек.	5	39.027	44.97	44.585	36.86	44.106	55.15	11.050	62.45	33.248	8.93
	15	39.335	41.64	44.901	33.40	44.369	52.04	11.323	59.16	33.507	5.82
	25	39.688	38.58	45.270	30.24	44.670	49.09	11.638	56.07	33.807	2.87
	35	40.077	35.85	45.682	27.48	45.001	46.38	11.986	53.30	34.136	0.15
Ср. место		38.857	65.55	44.759	58.38	43.629	71.74	10.761	80.57	32.755	25.21
Eichelb.		- 90	+ 71	- 75	+ 43	- 77	+ 45	- 78	+ 56	- 93	+ 49

*) Для звезды 351) апрель 30.

День	352) π' Bootis.		353) ζ Bootis m.		355) 34 Bootis.		356) ϵ Bootis.		357) 109 Viginis.		
	V 1		V 1		V 2		V 2		V 3		
	h m	°	h m	°	h m	°	h m	°	h m	°	
1928	14 37	+ 16 43	14 37	+ 14 1	14 40	+ 26 49	14 41	+ 27 22	14 42	+ 2	
Янв.	1	18.902	31.31	40.964	68.78	13.894	53.82	48.950	31.18	34.716	44.74
	11	19.220	28.93	41.282	66.42	14.224	51.28	49.278	28.64	35.030	42.62
	21	19.551	26.78	41.610	64.29	14.565	49.10	49.621	26.44	35.353	40.61
	31	19.881	24.95	41.938	62.46	14.910	47.31	49.967	24.65	35.677	38.77
Февр.	10	20.203	23.52	42.259	60.98	15.248	46.01	50.306	23.34	35.993	37.16
	20	20.510	22.50	42.563	59.89	15.572	45.20	50.631	22.53	36.294	35.82
Март	1	20.796	21.90	42.846	59.22	15.871	44.91	50.993	22.24	36.574	34.80
	11	21.054	21.74	43.102	58.96	16.143	45.10	51.206	22.45	36.829	34.09
	21	21.279	21.98	43.328	59.09	16.385	45.78	51.448	23.13	37.056	33.69
	31	21.476	22.63	43.523	59.58	16.589	46.83	51.655	24.23	37.253	33.60
Апр.	10	21.639	23.56	43.686	60.38	16.759	48.25	51.827	25.68	37.421	33.77
	20	21.769	24.74	43.817	61.43	16.892	49.94	51.962	27.39	37.559	34.17
	30	21.868	26.14	43.917	62.66	16.991	51.82	52.062	29.30	37.668	34.73
Май	9	21.936	27.63	43.986	64.03	17.055	53.81	52.127	31.31	37.749	35.48
	19	21.973	29.19	44.026	65.45	17.086	55.82	52.158	33.35	37.801	36.30
	29	21.981	30.72	44.038	66.88	17.085	57.77	52.157	35.34	37.825	37.10
Июнь	8	21.964	32.20	44.022	68.25	17.053	59.63	52.126	37.21	37.823	38.00
	18	21.920	33.56	43.981	69.53	16.993	61.30	52.066	38.91	37.795	38.91
	28	21.851	34.78	43.916	70.68	16.909	62.75	51.980	40.38	37.743	39.72
Июль	8	21.759	35.80	43.828	71.66	16.800	63.94	51.870	41.59	37.667	40.46
	18	21.648	36.61	43.721	72.45	16.668	64.84	51.739	42.50	37.571	41.10
	28	21.522	37.19	43.598	73.02	16.523	65.42	51.591	43.09	37.458	41.64
Авг.	7	21.383	37.50	43.464	73.36	16.365	65.66	51.432	43.34	37.332	42.06
	17	21.239	37.55	43.323	73.45	16.201	65.56	51.266	43.24	37.199	42.30
	27	21.095	37.35	43.182	73.30	16.037	65.10	51.101	42.78	37.064	42.43
Сент.	6	20.959	36.83	43.048	72.87	15.882	64.29	50.943	41.96	36.934	42.41
	16	20.835	36.04	42.928	72.18	15.741	63.13	50.800	40.79	36.818	42.19
	26	20.734	34.96	42.830	71.21	15.624	61.62	50.680	39.27	36.723	41.70
Окт.	6	20.665	33.57	42.761	69.97	15.537	59.78	50.591	37.42	36.658	41.11
	16	20.632	31.92	42.730	68.46	15.490	57.62	50.541	35.26	36.629	40.28
	26	20.642	30.00	42.742	66.68	15.488	55.21	50.537	32.82	36.642	39.16
Нояб.	5	20.699	27.83	42.801	64.66	15.535	52.54	50.582	30.13	36.703	37.83
	15	20.807	25.44	42.910	62.42	15.635	49.66	50.679	27.24	36.813	36.27
	25	20.966	22.90	43.069	60.01	15.789	46.67	50.830	24.22	36.971	34.48
Дек.	5	21.171	20.24	43.274	57.48	15.992	43.61	51.032	21.15	37.176	32.54
	15	21.418	17.55	43.521	54.89	16.240	40.59	51.279	18.10	37.422	30.48
	25	21.701	14.92	43.804	52.32	16.529	37.67	51.566	15.16	37.703	28.30
	35	22.012	12.39	44.112	49.86	16.847	34.96	51.883	12.44	38.008	26.10
Ср. место		20.516	33.63	42.589	70.31	15.503	58.94	50.566	36.44	36.420	42.80
Eichelb.		- 83	+ 72	- 102	+ 70	- 92	+ 76	- 86	+ 74	- 61	+ 66

День	358) ξ Bootis. Яркая звезда. V 4		360) β Ursae min. V 5		361) π 260 (2 H Ursae min.) V 6		362) β Bootis. V 7		363) δ Bootis. V 7		
	h m	°	h m	°	h m	°	h m	°	h m	°	
1928	14 48	+19 23	14 50	+74 26	14 56	+66 12	14 59	+40 39	15 1	+27 13	
ав.	1	2.212	51.44	51.31	46.02	23.89	55.77	12.287	76.77	19.891	33.15
	11	2.527	48.97	52.08	43.54	24.43	53.12	12.634	74.02	20.208	30.52
	21	2.859	46.77	52.92	41.63	25.02	51.03	13.004	71.70	20.542	28.22
	31	3.189	44.91	53.81	40.37	25.64	49.55	13.384	69.88	20.883	26.32
явр.	10	3.519	43.47	54.71	39.78	26.27	48.74	13.764	68.62	21.223	24.88
	20	3.833	42.45	55.59	39.87	26.88	48.61	14.132	67.96	21.551	23.95
апрт	1	4.125	41.89	56.43	40.63	27.46	49.15	14.479	67.90	21.860	23.54
	11	4.392	41.79	57.19	42.01	28.00	50.32	14.798	68.42	22.145	23.65
	21	4.630	42.12	57.85	43.94	28.47	52.06	15.082	69.48	22.400	24.24
	31	4.835	42.83	58.39	46.32	28.86	54.28	15.328	71.02	22.624	25.26
апр.	10	5.006	43.89	58.80	49.06	29.16	56.89	15.531	72.95	22.814	26.66
	20	5.147	45.22	59.07	52.04	29.38	59.77	15.692	75.19	22.968	28.35
	30	5.256	46.74	59.20	55.14	29.51	62.80	15.810	77.64	23.088	30.26
май	9	5.333	48.38	59.19	58.24	29.55	65.88	15.884	80.19	23.173	32.30
	19	5.379	50.09	59.05	61.24	29.50	68.90	15.916	82.76	23.223	34.39
	29	5.395	51.79	58.78	64.04	29.37	71.74	15.908	85.25	23.240	36.46
июнь	8	5.382	53.40	58.39	66.55	29.16	74.33	15.861	87.58	23.225	38.43
	18	5.340	54.91	57.89	68.69	28.88	76.59	15.778	89.69	23.179	40.24
	28	5.274	56.22	57.31	70.40	28.54	78.45	15.662	91.50	23.104	41.83
июль	8	5.182	57.35	56.66	71.64	28.15	79.86	15.517	92.98	23.002	43.18
	18	5.070	58.23	55.95	72.37	27.72	80.78	15.346	94.08	22.877	44.23
	28	4.939	58.85	55.21	72.58	27.26	81.20	15.153	94.77	22.731	44.96
авг.	7	4.796	59.20	54.44	72.25	26.78	81.10	14.945	95.03	22.571	45.35
	17	4.645	59.26	53.66	71.40	26.29	80.47	14.729	94.86	22.400	45.39
	27	4.493	59.03	52.91	70.03	25.81	79.32	14.511	94.25	22.226	45.07
сент.	6	4.345	58.48	52.19	68.16	25.35	77.67	14.299	93.20	22.057	44.39
	16	4.214	57.64	51.53	65.84	24.92	75.55	14.103	91.72	21.900	43.34
	26	4.102	56.50	50.93	63.09	24.53	72.99	13.930	89.83	21.764	41.94
окт.	6	4.019	55.00	50.43	59.97	24.21	70.04	13.791	87.57	21.656	40.20
	16	3.973	53.24	50.04	56.53	23.96	66.74	13.694	84.95	21.585	38.13
	26	3.970	51.20	49.77	52.85	23.79	63.16	13.646	82.02	21.558	35.76
нояб.	5	4.016	48.90	49.64	49.00	23.72	59.38	13.653	78.83	21.580	33.14
	15	4.110	46.40	49.65	45.07	23.75	55.48	13.719	75.46	21.655	30.30
	25	4.257	43.74	49.81	41.15	23.88	51.55	13.846	71.97	21.783	27.30
дек.	5	4.452	40.96	50.12	37.34	24.12	47.70	14.032	68.47	21.963	24.23
	15	4.691	38.16	50.58	33.77	24.45	44.04	14.273	65.03	22.191	21.15
	25	4.967	35.42	51.18	30.53	24.88	40.67	14.563	61.77	22.461	18.17
	35	5.272	32.82	51.88	27.72	25.38	37.72	14.892	58.79	22.764	15.37
Ср. место Echelb.	3.871 - 96	54.60 + 49	53.81 -107	58.99 + 20	25.98 -103	67.96 + 1	14.015 - 64	85.05 + 77	21.605 - 89	38.39 + 75	

День	364) δ Bootis. V 10			365) β Librae. V 10			366) η Coro- nae Bor. V 12			367) γ Ursae min. V 12			368) μ Bootis V 12		
	h	m	°	h	m	°	h	m	°	h	m	°	h	m	°
1928	15 12		+33 34	15 13		-9 7	15 20		+30 32	15 20		+72 4	15 21		+37 3
Янв.	1	34.226	49.94	5.841	2.13		11.969	42.40		47.08	72.41		44.350	35.93	
	11	34.546	47.17	6.149	3.85		12.275	39.65		47.70	69.59		44.671	33.07	
	21	34.888	44.77	6.470	5.58		12.606	37.22		48.40	67.30		45.018	30.59	
	31	35.241	42.81	6.797	7.26		12.952	35.20		49.16	65.61		45.379	28.59	
Февр.	10	35.596	41.36	7.121	8.84		13.296	33.68		49.94	64.57		45.744	27.11	
	20	35.941	40.46	7.434	10.27		13.634	32.68		50.72	64.22		46.102	26.20	
Март	1	36.270	40.12	7.731	11.51		13.957	32.22		51.48	64.55		46.445	25.89	
	11	36.575	40.34	8.007	12.54		14.259	32.30		52.19	65.54		46.766	26.16	
	21	36.850	41.09	8.260	13.34		14.533	32.91		52.83	67.12		47.058	26.98	
	31	37.093	42.31	8.487	13.92		14.777	33.98		53.88	69.22		47.316	28.30	
Апр.	10	37.300	43.94	8.687	14.28		14.988	35.46		53.82	71.75		47.537	30.04	
	20	37.470	45.88	8.860	14.45		15.165	37.27		54.15	74.59		47.720	32.12	
	30	37.602	48.05	9.005	14.46		15.304	39.32		54.36	77.64		47.862	34.45	
Май	10	37.696	50.37	9.121	14.33		15.407	41.52		54.45	80.77		47.964	36.94	
	19	37.752	52.74	9.208	14.10		15.474	43.80		54.42	83.88		48.025	39.48	
	29	37.771	55.07	9.266	13.79		15.506	46.05		54.27	86.86		48.047	41.98	
Июнь	8	37.754	57.30	9.295	13.42		15.504	48.22		54.01	89.61		48.029	44.38	
	18	37.704	59.35	9.294	13.01		15.467	50.22		53.65	92.07		47.975	46.58	
	28	37.621	61.15	9.264	12.58		15.398	52.01		53.21	94.15		47.885	48.53	
Июль	8	37.508	62.66	9.207	12.15		15.299	53.54		52.69	95.80		47.763	50.19	
	18	37.368	63.85	9.124	11.73		15.171	54.77		52.11	96.97		47.612	51.49	
	28	37.206	64.68	9.018	11.32		15.019	55.65		51.47	97.64		47.436	52.41	
Авг.	7	37.027	65.12	8.894	10.93		14.850	56.18		50.81	97.79		47.241	52.98	
	17	36.836	65.18	8.757	10.58		14.667	56.33		50.13	97.41		47.033	53.02	
	27	36.640	64.83	8.613	10.27		14.477	56.09		49.44	96.51		46.818	52.68	
Сент.	6	36.448	64.07	8.470	10.03		14.291	55.46		48.77	95.10		46.606	51.98	
	16	36.267	62.91	8.337	9.86		14.114	54.45		48.13	93.19		46.404	50.74	
	26	36.106	61.36	8.222	9.80		13.955	53.06		47.55	90.82		46.221	49.14	
Окт.	6	35.973	59.43	8.133	9.86		13.823	51.30		47.04	88.04		46.068	47.13	
	16	35.879	57.15	8.080	10.08		13.726	49.19		46.61	84.88		45.952	44.78	
	26	35.830	54.56	8.069	10.49		13.674	46.75		46.28	81.42		45.882	42.09	
Нояб.	5	35.831	51.69	8.105	11.09		13.671	44.04		46.08	77.72		45.864	39.11	
	15	35.887	48.61	8.191	11.90		13.721	41.09		46.00	73.86		45.903	35.98	
	25	35.999	45.37	8.328	12.93		13.826	37.98		46.05	69.93		46.001	32.54	
Дек.	5	36.167	42.07	8.514	14.17		13.985	34.79		46.24	66.05		46.157	29.11	
	15	36.387	38.78	8.744	15.59		14.196	31.58		46.56	62.32		46.368	25.77	
	25	36.653	35.61	9.011	17.17		14.451	28.45		47.01	58.84		46.628	22.43	
	35	36.956	32.65	9.308	18.85		14.744	25.52		47.56	55.73		46.930	19.32	
Ср. место Eichelb.		36.001 - 128	56.62 + 61	7.779 - 56	6.47 + 71		13.774 - 49	48.40 - 6		49.77 - 202	84.44 + 25		46.183 - 41	43.38 + 71	

День	369) ϵ Draconis V 13			370) β Coronae Vor. V 13			372) θ Coronae Vor. V 15			373) α Coronae Vor. V 15			374) ζ^2 Coronae Vor. V 16		
	h	m	°	h	m	°	h	m	°	h	m	°	h	m	°
1928	15 23	+59 12		15 24	+29 20		15 29	+31 35		15 31	+26 57		15 36	+36 51	
Янв.	1	17.416	52.84	49.786	64.54	59.680	57.64	36.483	16.07	38.078	60.05				
	11	17.835	49.88	50.090	61.78	59.982	54.82	36.779	13.33	38.385	57.12				
	21	18.300	47.42	50.416	59.35	60.309	52.34	37.098	10.89	38.720	54.56				
	31	18.794	45.53	50.754	57.32	60.651	50.28	37.431	8.83	39.073	52.44				
Февр.	10	19.302	44.27	51.096	55.77	60.996	48.70	37.767	7.22	39.432	50.84				
	20	19.808	43.69	51.431	54.73	61.336	47.65	38.098	6.10	39.788	49.80				
Март	1	20.295	43.78	51.752	54.22	61.664	47.15	38.416	5.51	40.132	49.34				
	11	20.751	44.51	52.052	54.26	61.971	47.21	38.715	5.44	40.457	49.49				
	21	21.164	45.85	52.326	54.81	62.253	47.80	38.990	5.88	40.756	50.19				
	31	21.523	47.73	52.571	55.83	62.506	48.87	39.237	6.78	41.025	51.41				
Апр.	10	21.823	50.06	52.784	57.26	62.727	50.36	39.454	8.08	41.258	53.05				
	20	22.057	52.73	52.963	59.01	62.912	52.19	39.638	9.73	41.455	55.05				
	30	22.224	55.63	53.107	61.02	63.062	54.28	39.789	11.62	41.614	57.36				
Май	10	22.321	58.66	53.215	63.18	63.176	56.53	39.905	13.69	41.732	59.82				
	19	22.350	61.69	53.287	65.43	63.252	58.87	39.987	15.85	41.812	62.37				
	29	22.313	64.64	53.324	67.67	63.292	61.20	40.034	18.01	41.851	64.90				
Июнь	8	22.213	67.41	53.326	69.82	63.296	63.45	40.047	20.11	41.851	67.35				
	18	22.053	69.92	53.294	71.83	63.264	65.55	40.026	22.08	41.812	69.66				
	28	21.839	72.08	53.230	73.64	63.198	67.44	39.972	23.86	41.736	71.70				
Июль	8	21.577	73.85	53.135	75.18	63.100	69.06	39.887	25.40	41.626	73.46				
	18	21.274	75.18	53.012	76.43	62.973	70.37	39.774	26.67	41.484	74.89				
	28	20.938	76.04	52.865	77.36	62.822	71.35	39.636	27.63	41.316	75.96				
Авг.	7	20.577	76.39	52.699	77.93	62.649	71.96	39.477	28.25	41.125	76.62				
	17	20.201	76.24	52.519	78.13	62.462	72.19	39.304	28.52	40.918	76.86				
	27	19.820	75.57	52.332	77.96	62.267	72.03	39.123	28.43	40.702	76.68				
Сент.	6	19.445	74.40	52.146	77.40	62.072	71.46	38.940	27.96	40.486	76.07				
	16	19.089	72.73	51.968	76.46	61.886	70.50	38.765	27.13	40.278	75.04				
	26	18.763	70.60	51.808	75.14	61.716	69.15	38.606	25.93	40.086	73.58				
Окт.	6	18.479	68.04	51.674	73.46	61.573	67.42	38.473	24.38	39.922	71.71				
	16	18.250	65.09	51.576	71.43	61.464	65.33	38.373	22.48	39.793	69.47				
	26	18.085	61.80	51.520	69.08	61.399	62.91	38.314	20.26	39.708	66.90				
Нояб.	5	17.994	58.24	51.512	66.44	61.382	60.20	38.303	17.75	39.672	64.00				
	15	17.983	54.49	51.557	63.57	61.418	57.25	38.344	15.00	39.693	60.90				
	25	18.057	50.64	51.657	60.53	61.511	54.12	38.438	12.07	39.773	57.59				
Дек.	5	18.217	46.78	51.811	57.38	61.659	50.89	38.585	9.02	39.910	54.18				
	15	18.458	43.02	52.015	54.22	61.858	47.65	38.783	5.93	40.104	50.76				
	25	18.776	39.47	52.264	51.14	62.104	44.49	39.025	2.90	40.346	47.47				
	35	19.160	36.26	52.551	48.22	62.390	41.51	39.304	0.02	40.634	44.36				
Ср. место Eichelb.		19.521 — 116	63.67 + 31	51.612 — 102	70.26 + 57	61.531 — 99	63.80 + 36	38.337 — 82	21.25 + 60	39.978 — 94	67.22 — 29				

День.	375) ϵ Serp- pentis m. V 17			376) γ Coronae Bor. V 17			377) α Ser- pentis. V 17			378) β Ser- pentis. V 18			380) κ Ser- pentis. V 18		
	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$
1928	15 38		+19 53	15 39		+26 31	15 40		+ 6 38	15 42		+15 38	15 45		+18 21
Янв.	1	18.442	60.26	41.242	16.10		41.260	62.77	49.913	42.74		27.962	42.36		42.36
	11	18.724	57.66	41.530	13.35		41.542	60.57	50.194	40.26		28.243	39.79		39.79
	21	19.032	55.32	41.843	10.89		41.845	58.50	50.496	37.98		28.545	37.45		37.45
	31	19.350	53.28	42.170	8.80		42.158	56.63	50.811	35.98		28.861	35.41		35.41
Февр.	10	19.673	51.63	42.503	7.15		42.473	55.03	51.130	34.32		29.182	33.74		33.74
	20	19.993	50.41	42.832	5.99		42.784	53.73	51.445	33.06		29.499	32.48		32.48
Март	1	20.300	49.68	43.150	5.35		43.084	52.78	51.750	32.23		29.806	31.68		31.68
	11	20.590	49.41	43.450	5.23		43.367	52.20	52.039	31.85		30.098	31.35		31.35
	21	20.861	49.60	43.729	5.61		43.631	51.98	52.307	31.90		30.370	31.48		31.48
	31	21.104	50.23	43.981	6.47		43.872	52.10	52.551	32.36		30.617	32.03		32.03
Апр.	10	21.321	51.24	44.203	7.74		44.088	52.53	52.769	33.18		30.838	32.96		32.96
	20	21.509	52.55	44.394	9.35		44.277	53.24	52.960	34.32		31.032	34.21		34.21
	30	21.665	54.15	44.553	11.23		44.439	54.17	53.122	35.70		31.195	35.72		35.72
Май	10	21.790	55.89	44.678	13.28		44.573	55.26	53.253	37.26		31.328	37.41		37.41
	19	21.883	57.76	44.768	15.44		44.677	56.46	53.354	38.92		31.429	39.21		39.21
	29	21.944	59.65	44.824	17.61		44.751	57.71	53.422	40.63		31.498	41.05		41.05
Июнь	8	21.972	61.51	44.844	19.73		44.794	58.97	53.459	42.32		31.533	42.87		42.87
	18	21.968	63.26	44.830	21.73		44.806	60.19	53.464	43.93		31.536	44.60		44.60
	28	21.930	64.86	44.782	23.55		44.787	61.33	53.437	45.42		31.507	46.20		46.20
Июль	8	21.863	66.29	44.703	25.14		44.739	62.36	53.379	46.74		31.447	47.61		47.61
	18	21.767	67.48	44.594	26.46		44.662	63.25	53.292	47.86		31.357	48.81		48.81
	28	21.646	68.41	44.459	27.48		44.559	63.99	53.180	48.76		31.241	49.76		49.76
Авг.	7	21.504	69.09	44.302	28.16		44.435	64.55	53.046	49.41		31.103	50.44		50.44
	17	21.346	69.41	44.129	28.50		44.295	64.93	52.895	49.79		30.947	50.83		50.83
	27	21.177	69.45	43.946	28.49		44.144	65.10	52.733	49.90		30.781	50.93		50.93
Сент.	6	21.006	69.17	43.762	28.10		43.990	65.07	52.569	49.72		30.611	50.72		50.72
	16	20.842	68.57	43.583	27.34		43.841	64.82	52.409	49.25		30.446	50.19		50.19
	26	20.693	67.64	43.419	26.22		43.706	64.33	52.263	48.48		30.294	49.35		49.35
Окт.	6	20.566	66.39	43.279	24.73		43.593	63.61	52.140	47.41		30.165	48.19		48.19
	16	20.474	64.82	43.172	22.90		43.511	62.65	52.047	46.04		30.067	46.71		46.71
	26	20.419	62.94	43.106	20.74		43.468	61.44	51.993	44.38		30.007	44.94		44.94
Нояб.	5	20.408	60.80	43.086	18.29		43.468	59.98	51.984	42.46		29.992	42.90		42.90
	15	20.449	58.40	43.118	15.59		43.518	58.30	52.024	40.30		30.026	40.60		40.60
	25	20.541	55.81	43.203	12.70		43.617	56.41	52.114	37.93		30.111	38.10		38.10
Дек.	5	20.684	53.07	43.341	9.68		43.766	54.35	52.255	35.40		30.247	35.45		35.45
	15	20.874	50.26	43.529	6.62		43.960	52.17	52.444	32.78		30.432	32.71		32.71
	25	21.109	47.47	43.763	3.60		44.195	49.93	52.674	30.16		30.659	29.98		29.98
	35	21.379	44.76	44.035	0.71		44.464	47.69	52.940	27.59		30.923	27.32		27.32
Ср. место.		20.324	63.89	43.129	21.17		43.202	63.30	51.827	45.43		29.881	45.68		45.68
Eichelb.		- 14	+ 48	- 124	+ 105		- 62	+ 58	- 92	+ 57		- 90	+ 86		+ 86

День.	381) ζ Ursae min. V 19			383) ε Ser- pentis. V 19		384) χ He- rculis. V 20		385) γ Ser- pentis. V 20		386) ε Coronae Bor. V 21					
	h m	°	'	h m	°	h m	°	h m	°	h m	°				
1928	15 46	+78	0	15 47	+4	41	15 50	+42	38	15 53	+15	53	15 54	+27	4
Янв. 1	31.71	48.90	11.530	35.39	9.128	59.43	5.616	40.39	34.370	61.82					
11	32.47	45.92	11.809	33.28	9.434	56.38	5.889	37.86	34.648	59.01					
21	33.38	43.44	12.108	31.27	9.776	53.71	6.186	35.53	34.953	56.48					
31	34.40	41.52	12.419	29.43	10.141	51.50	6.497	33.47	35.276	54.31					
Февр. 10	35.48	40.24	12.734	27.84	10.517	49.83	6.814	31.76	35.605	52.58					
20	36.59	39.63	13.045	26.53	10.897	48.76	7.130	30.44	35.935	51.33					
Март 1	37.70	39.70	13.345	25.55	11.267	48.30	7.437	29.55	36.257	50.61					
11	38.75	40.43	13.631	24.92	11.619	48.46	7.728	29.11	36.563	50.42					
21	39.72	41.78	13.898	24.64	11.948	49.22	8.002	29.11	36.850	50.75					
31	40.57	43.68	14.143	24.69	12.244	50.53	8.253	29.52	37.113	51.56					
Апр. 10	41.29	46.04	14.364	25.05	12.505	52.30	8.480	30.31	37.348	52.80					
20	41.84	48.76	14.559	25.67	12.727	54.48	8.680	31.41	37.553	54.41					
30	42.21	51.73	14.728	26.50	12.907	56.95	8.852	32.77	37.726	56.30					
Май 10	42.41	54.84	14.869	27.50	13.044	59.61	8.993	34.32	37.865	58.39					
20*)	42.42	57.97	14.980	28.61	13.135	62.37	9.104	35.98	37.970	60.60					
29	42.24	61.02	15.061	29.77	13.182	65.14	9.183	37.69	38.040	62.84					
Июнь 8	41.90	63.90	15.111	30.95	13.185	67.83	9.229	39.39	38.074	65.04					
18	41.40	66.52	15.130	32.10	13.144	70.34	9.242	41.02	38.072	67.14					
28	40.76	68.80	15.118	33.18	13.061	72.62	9.222	42.52	38.033	69.06					
Июль 8	39.98	70.68	15.075	34.16	12.939	74.60	9.170	43.87	37.961	70.76					
18	39.10	72.12	15.003	35.02	12.780	76.22	9.089	45.02	37.858	72.20					
28	38.13	73.07	14.904	35.74	12.591	77.46	8.980	45.94	37.727	73.33					
Авг. 7	37.10	73.51	14.783	36.30	12.377	78.27	8.848	46.61	37.572	74.13					
17	36.03	73.48	14.645	36.69	12.143	78.64	8.697	47.03	37.397	74.58					
27	34.94	72.83	14.495	36.90	11.897	78.56	8.535	47.15	37.211	74.67					
Сент. 6	33.86	71.72	14.340	36.91	11.650	78.01	8.368	46.99	37.020	74.38					
16	32.82	70.11	14.189	36.72	11.407	77.00	8.204	46.53	36.832	73.71					
26	31.84	68.03	14.052	36.32	11.181	75.55	8.052	45.77	36.658	72.67					
Окт. 6	30.95	65.50	13.936	35.70	10.980	73.67	7.922	44.71	36.505	71.26					
16	30.18	62.58	13.850	34.84	10.817	71.37	7.821	43.34	36.384	69.50					
26	29.54	59.33	13.803	33.75	10.700	68.71	7.758	41.68	36.301	67.40					
Нояб. 5	29.06	55.79	13.799	32.42	10.636	65.72	7.739	39.75	36.264	64.99					
15	28.76	52.06	13.843	30.86	10.628	62.47	7.769	37.57	36.278	62.32					
25	28.65	48.22	13.938	29.10	10.683	59.03	7.849	35.18	36.346	59.44					
Дек. 5	28.74	44.37	14.081	27.17	10.800	55.50	7.980	32.63	36.467	56.43					
15	29.04	40.62	14.271	25.10	10.979	51.95	8.158	29.99	36.639	53.35					
25	29.52	37.07	14.502	22.96	11.214	48.50	8.380	27.32	36.858	50.29					
35	30.17	33.85	14.766	20.82	11.497	45.25	8.638	24.71	37.118	47.36					
Ср. место.	35.59	60.32	13.509	35.60	11.129	67.40	7.568	43.23	36.320	66.98					
Eichelb.	- 340	- 4	- 44	+ 48	- 95	+ 40	- 73	+ 66	- 33	+ 46					

*) Для звезд 381) и 382): май 19.

День.	387) Groomb. 2296 V 21			388) δ Dra- conis. V 22			389) β Scor- pii. V 22			390) τ Coroneae Bor. V 24			391) φ He- rculis. V 24		
	h m	$^{\circ}$	'	h m	$^{\circ}$	'	h m	$^{\circ}$	'	h m	$^{\circ}$	'	h m	$^{\circ}$	'
1928	15 56	+54 56		16 0	+58 45		16 1	-19 36		16 6	+36 40		16 6	+45 7	
Янв.	1 2.539	59.80	29.906	15.63	12.528	30.38	18.231	14.98	27.918	13.70					
	11 2.883	56.61	30.267	12.40	12.823	31.43	18.509	12.01	28.213	10.52					
	21 3.275	53.84	30.682	9.61	13.139	32.58	18.821	9.32	28.547	7.69					
	31 3.702	51.58	31.138	7.33	13.469	33.80	19.156	7.00	28.908	5.33					
Февр.	10 4.149	49.92	31.619	5.65	13.804	35.02	19.504	5.17	29.288	3.50					
	20 4.604	48.90	32.112	4.63	14.137	36.21	19.856	3.92	29.675	2.28					
Март	1 5.052	48.54	32.600	4.28	14.462	37.34	20.202	3.24	30.057	1.69					
	11 5.482	48.85	33.069	4.60	14.773	38.37	20.536	3.16	30.425	1.72					
	21 5.882	49.79	33.507	5.56	15.066	39.28	20.851	3.66	30.772	2.38					
	31 6.243	51.31	33.904	7.11	15.340	40.06	21.141	4.70	31.090	3.61					
Апр.	10 6.558	53.32	34.250	9.18	15.591	40.72	21.401	6.21	31.373	5.34					
	20 6.822	55.75	34.538	11.66	15.818	41.26	21.627	8.13	31.616	7.49					
	30 7.029	58.49	34.763	14.46	16.019	41.69	21.816	10.37	31.818	9.97					
Май	10 7.177	61.43	34.922	17.46	16.192	42.03	21.970	12.83	31.974	12.68					
	20 7.266	64.46	35.014	20.56	16.335	42.29	22.080	15.41	32.083	15.51					
	29 7.294	67.48	35.038	23.66	16.447	42.49	22.152	18.06	32.144	18.37					
Июнь	8 7.263	70.40	34.996	26.65	16.525	42.63	22.183	20.63	32.156	21.18					
	18 7.175	73.13	34.890	29.45	16.569	42.73	22.173	23.10	32.122	23.83					
	28 7.033	75.58	34.722	31.97	16.578	42.79	22.122	25.35	32.045	26.25					
Июль	8 6.841	77.70	34.499	34.15	16.551	42.80	22.033	27.38	31.925	28.39					
	18 6.604	79.42	34.226	35.93	16.491	42.77	21.909	29.07	31.763	30.17					
	28 6.329	80.71	33.910	37.27	16.400	42.69	21.752	30.40	31.567	31.57					
Авг.	7 6.022	81.54	33.559	38.13	16.281	42.56	21.567	31.37	31.342	32.55					
	17 5.692	81.87	33.183	38.49	16.141	42.38	21.361	31.93	31.092	33.07					
	27 5.348	81.71	32.791	38.35	15.985	42.15	21.142	32.06	30.827	33.14					
Сент.	6 5.002	81.04	32.396	37.69	15.823	41.87	20.914	31.77	30.558	32.73					
	16 4.663	79.86	32.009	36.52	15.663	41.57	20.690	31.02	30.291	31.84					
	26 4.344	78.20	31.642	34.86	15.515	41.25	20.478	29.85	30.038	30.49					
Окт.	6 4.056	76.08	31.309	32.73	15.389	40.95	20.288	28.26	29.810	28.69					
	16 3.812	73.53	31.022	30.16	15.295	40.70	20.131	26.25	29.616	26.46					
	26 3.621	70.59	30.793	27.20	15.241	40.52	20.013	23.90	29.466	23.83					
Нояб.	5 3.494	67.32	30.632	23.90	15.233	40.46	19.943	21.20	29.371	20.86					
	15 3.438	63.79	30.548	20.34	15.277	40.54	19.928	18.23	29.333	17.61					
	25 3.457	60.08	30.546	16.59	15.375	40.79	19.969	15.02	29.360	14.15					
Дек.	5 3.554	56.28	30.629	12.76	15.525	41.23	20.069	11.67	29.451	10.56					
	15 3.728	52.49	30.796	8.95	15.725	41.85	20.226	8.28	29.605	6.93					
	25 3.974	48.84	31.044	5.26	15.968	42.66	20.435	4.94	29.818	3.38					
	35 4.284	45.44	31.365	1.83	16.247	43.62	20.691	1.75	30.087	0.02					
Ср. место.	4.750	69.26	32.249	25.37	14.809	35.26	20.259	21.82	30.021	21.66					
Eichelb.	- 57	+ 10	- 127	+ 10	- 28	+ 66	- 78	+ 84	- 105	+ 66					

День.	392) δ Ophiuchi V 25			394) τ Herculis V 27			395) σ Serpentis V 27			396) γ Herculis V 27			397) ξ Coronae Bor. V 27		
	h	m	°	h	m	°	h	m	°	h	m	°	h	m	°
1928	16 10	— 3 30		16 17	+46 28		16 18	+1 11		16 18	+19 18		16 19	+31 3	
Янв.	1	32.089	36.22	32.347	54.33		23.310	48.54		42.534	72.01		15.415	22.39	
	11	32.357	37.96	32.634	51.08		23.569	46.62		42.789	69.39		15.675	19.42	
	21	32.647	39.67	32.963	48.19		23.850	44.77		43.071	66.97		15.967	16.72	
	31	32.953	41.29	33.323	45.74		24.146	43.04		43.372	64.83		16.282	14.40	
Февр.	10	33.265	42.76	33.704	43.83		24.456	41.52		43.684	63.05		16.609	12.52	
	20	33.577	44.02	34.094	42.51		24.764	40.25		43.999	61.68		16.945	11.14	
Март	1	33.883	45.05	34.483	41.83		25.069	39.26		44.310	60.77		17.276	10.32	
	11	34.178	45.81	34.861	41.79		25.363	38.59		44.612	60.34		17.597	10.06	
	21	34.457	46.29	35.220	42.37		25.643	38.23		44.899	60.39		17.902	10.34	
	31	34.718	46.51	35.550	43.54		25.906	38.18		45.166	60.89		18.185	11.16	
Апр.	10	34.958	46.47	35.847	45.23		26.148	38.43		45.412	61.79		18.444	12.46	
	20	35.176	46.21	36.106	47.36		26.371	38.93		45.633	63.05		18.675	14.13	
	30	35.369	45.76	36.322	49.85		26.567	39.63		45.826	64.61		18.873	16.15	
Май	10	35.536	45.16	36.492	52.58		26.738	40.53		45.990	66.38		19.037	18.39	
	20	35.674	44.46	36.615	55.45		26.880	41.51		46.122	68.29		19.165	20.79	
	29	35.783	43.69	36.688	58.37		26.993	42.57		46.222	70.27		19.256	23.21	
Июнь	8	35.860	42.89	36.712	61.25		27.073	43.64		46.287	72.24		19.311	25.70	
	18	35.904	42.09	36.686	63.99		27.122	44.70		46.317	74.16		19.323	28.06	
	28	35.915	41.33	36.613	66.52		27.135	45.72		46.312	75.96		19.297	30.26	
Июль	8	35.892	40.62	36.494	68.77		27.114	46.66		46.272	77.58		19.235	32.21	
	18	35.838	39.98	36.334	70.68		27.062	47.48		46.198	78.99		19.136	33.90	
	28	35.753	39.43	36.135	72.20		26.978	48.19		46.094	80.16		19.003	35.30	
Авг.	7	35.642	38.97	35.904	73.30		26.866	48.78		45.962	81.06		18.844	36.33	
	17	35.509	38.61	35.648	73.95		26.732	49.21		45.808	81.66		18.657	37.00	
	27	35.361	38.35	35.374	74.13		26.583	49.50		45.638	81.96		18.458	37.29	
Сент.	6	35.205	38.21	35.092	73.82		26.425	49.59		45.459	81.94		18.249	37.16	
	16	35.049	38.21	34.811	73.04		26.265	49.55		45.280	81.59		18.040	36.64	
	26	34.903	38.35	34.543	71.79		26.115	49.29		45.109	80.91		17.841	35.69	
Окт.	6	34.776	38.63	34.297	70.07		25.983	48.88		44.956	79.90		17.660	34.35	
	16	34.677	39.09	34.085	67.91		25.874	48.24		44.830	78.56		17.507	32.63	
	26	34.614	39.73	33.916	65.35		25.803	47.39		44.739	76.91		17.393	30.55	
Нояб.	5	34.594	40.56	33.799	62.42		25.773	46.34		44.690	74.97		17.323	28.13	
	15	34.621	41.59	33.743	59.20		25.789	45.07		44.689	72.76		17.304	25.40	
	25	34.698	42.81	33.750	55.75		25.857	43.59		44.738	70.32		17.337	22.45	
Дек.	5	34.824	44.21	33.823	52.15		25.970	41.92		44.839	67.70		17.426	19.33	
	15	34.998	45.76	33.962	48.50		26.132	40.14		44.989	64.98		17.570	16.13	
	25	35.215	47.43	34.163	44.92		26.339	38.25		45.185	62.23		17.764	12.95	
	35	35.467	49.16	34.420	41.51		26.580	36.32		45.421	59.53		18.001	9.86	
Ср. место.		34.215	37.22	34.517	62.25		25.424	48.75		44.574	75.71		17.468	28.10	
Eichelb.		— 40	+ 67	— 55	+ 2		— 15	+ 77		— 72	+ 34		— 193	+ 114	

День	398) ω Herculis. V 28		399) η Draconis V 28		400) β Herculis V 29		401) λ Ophiuchi m. V 29		402) 15 A Draconis. V 29		
	h m	°	h m	°	h m	°	h m	°	h m	°	
1928	16 22	+14 11	16 22	+61 40	16 27	+21 38	16 27	+2 8	16 28	+68 55	
Янв.	1	3.452	49.19	58.15	27.30	5.343	38.84	14.641	23.92	3.87	16.71
	11	3.703	46.75	58.49	23.93	5.591	36.14	14.892	21.98	4.27	13.33
	21	3.981	44.47	58.90	20.95	5.868	33.64	15.168	20.11	4.76	10.35
	31	4.277	42.43	59.36	18.47	6.166	31.43	15.463	18.37	5.32	7.86
Февр.	10	4.584	40.70	59.86	16.56	6.477	29.60	15.767	16.84	5.94	5.95
	20	4.894	39.34	60.39	15.29	6.793	28.19	16.074	15.57	6.60	4.68
Март	1	5.201	38.40	60.91	14.70	7.107	27.26	16.378	14.59	7.26	4.09
	11	5.498	37.89	61.42	14.79	7.413	26.83	16.673	13.93	7.92	4.19
	21	5.782	37.81	61.91	15.53	7.705	26.89	16.956	13.60	8.55	4.95
	31	6.048	38.15	62.36	16.90	7.979	27.42	17.233	13.60	9.13	6.34
Апр.	10	6.293	38.87	62.77	18.81	8.232	28.38	17.472	13.89	9.64	8.27
	20	6.515	39.92	63.11	21.18	8.460	29.72	17.699	14.44	10.07	10.67
	30	6.712	41.24	63.38	23.91	8.661	31.36	17.903	15.20	10.42	13.43
Май	10	6.882	42.77	63.59	26.90	8.832	33.23	18.081	16.14	10.67	16.45
	20	7.019	44.44	63.72	30.03	8.971	35.25	18.231	17.20	10.82	19.61
	29	7.126	46.18	63.78	33.20	9.077	37.35	18.351	18.33	10.87	22.82
Июнь	8	7.199	47.93	63.76	36.30	9.148	39.46	18.439	19.48	10.81	25.96
	18	7.238	49.63	63.67	39.25	9.182	41.50	18.494	20.61	10.66	28.95
	28	7.243	51.23	63.51	41.96	9.180	43.42	18.514	21.70	10.42	31.70
Июль	8	7.213	52.69	63.28	44.36	9.142	45.17	18.500	22.69	10.09	34.13
	18	7.149	53.96	62.99	46.39	9.070	46.69	18.453	23.57	9.68	36.18
	28	7.055	55.03	62.65	47.99	8.965	47.96	18.373	24.33	9.20	37.80
Авг.	7	6.933	55.87	62.27	49.13	8.832	48.94	18.265	24.94	8.66	38.96
	17	6.788	56.45	61.86	49.77	8.675	49.62	18.134	25.40	8.08	39.62
	27	6.627	56.77	61.42	49.91	8.500	49.97	17.985	25.70	7.48	39.76
Сент.	6	6.456	56.80	60.97	49.52	8.315	49.98	17.825	25.84	6.86	39.38
	16	6.284	56.55	60.52	48.62	8.129	49.65	17.663	25.78	6.24	38.48
	26	6.120	56.01	60.09	47.21	7.950	48.97	17.509	25.53	5.65	37.07
Окт.	6	5.974	55.17	59.69	45.31	7.787	47.94	17.370	25.08	5.09	35.16
	16	5.853	54.04	59.33	42.94	7.651	46.58	17.257	24.43	4.58	32.79
	26	5.767	52.62	59.04	40.15	7.549	44.88	17.178	23.55	4.15	29.99
Нояб.	5	5.722	50.92	58.81	37.00	7.489	42.87	17.140	22.46	3.80	26.83
	15	5.724	48.96	58.66	33.54	7.476	40.59	17.148	21.16	3.56	23.36
	25	5.775	46.78	58.60	29.85	7.514	38.07	17.205	19.65	3.42	19.66
Дек.	5	5.877	44.43	58.63	26.04	7.603	35.37	17.311	17.97	3.40	15.84
	15	6.027	41.95	58.75	22.19	7.743	32.55	17.465	16.14	3.51	11.98
	25	6.222	39.43	58.96	18.43	7.930	29.71	17.662	14.22	3.73	8.21
	35	6.456	36.93	59.26	14.88	8.158	26.93	17.896	12.27	4.06	4.66
Ср. место	5.512	51.97	60.74	36.52	7.409	42.98	16.777	24.55	6.94	26.15	
Eichelb.	- 75	+ 64	-126	+ 7	- 46	+ 51	0	+ 92	- 83	+ 3	

День	403) σ Herculis. V 30			404) ζ Ophiuchi. V 31			405) ζ Herculis яркая звезда. VI 1			406) η Herculis. VI 1			407) Groomb. 2377 (114 ζ Draconis) VI 2									
	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$							
1928	16 31		+42 34	16 33		10 25	16 38		+31 43	16 40		+39 3	16 43		+56 54							
Янв.	1	44.672	57.36	9.245	20.38	32.163	49.67	23.426	22.76	53.237	27.62	11	44.933	54.11	9.503	21.71	32.402	46.67	23.672	19.55	53.520	24.16
	21	45.236	51.17	9.787	23.07	32.677	43.90	23.959	16.62	53.864	21.04	31	45.570	48.65	10.090	24.39	32.979	41.48	24.276	14.08	54.257	18.36
Февр.	10	45.926	46.63	10.402	25.63	33.300	39.49	24.615	12.01	54.687	16.22	20	46.293	45.17	10.718	26.74	33.628	38.01	24.965	10.47	55.140	14.68
	1	46.662	44.32	11.031	27.69	33.960	37.06	25.319	9.53	55.604	13.80	11	47.023	44.10	11.336	28.45	34.286	36.68	25.667	9.20	56.064	13.60
	21	47.369	44.50	11.630	29.01	34.599	36.87	26.002	9.47	56.508	14.06	31	47.692	45.48	11.908	29.36	34.893	37.60	26.318	10.32	56.925	15.15
Март	10	47.987	46.99	12.169	29.50	35.165	38.82	26.609	11.69	57.305	16.82	20	48.249	48.95	12.410	29.47	35.411	40.47	26.870	13.52	57.640	18.98
	30	48.474	51.29	12.628	29.30	35.628	42.47	27.098	15.73	57.923	21.54	10	48.658	53.89	12.820	29.01	35.812	44.75	27.288	18.21	58.148	24.40
Май	20	48.798	56.67	12.985	28.62	35.959	47.18	27.438	20.89	58.311	27.46	30	48.893	59.52	13.121	28.18	36.069	49.72	27.546	23.66	58.411	30.61
	8	48.941	62.36	13.224	27.71	36.139	52.27	27.610	26.43	58.445	33.75	18	48.943	65.10	13.293	27.24	36.168	54.73	27.630	29.11	58.414	36.79
	28	48.899	67.66	13.326	26.78	36.159	57.07	27.605	31.64	58.320	39.63	8	48.810	69.96	13.323	26.35	36.110	59.19	27.536	33.94	58.166	42.21
Июнь	18	48.679	71.96	13.285	25.95	36.021	61.05	27.426	35.96	57.954	44.45	28	48.510	73.60	13.214	25.60	35.897	62.62	27.278	37.64	57.690	46.31
	7	48.307	74.84	13.112	25.29	35.740	63.84	27.096	38.94	57.383	47.73	17	48.077	75.65	12.985	25.03	35.558	64.70	26.887	39.83	57.041	48.68
	27	47.827	76.02	12.838	24.81	35.355	65.16	26.656	40.30	56.672	49.15	18	48.679	71.96	13.285	25.95	36.021	61.05	27.426	35.96	57.954	44.45
Авг.	6	47.566	75.92	12.680	24.65	35.140	65.22	26.413	40.32	56.287	49.10	16	47.304	75.36	12.518	24.55	34.924	64.87	26.166	39.89	55.899	48.54
	26	47.049	74.33	12.362	24.52	34.712	64.10	25.925	39.00	55.519	47.47	6	46.814	72.84	12.223	24.58	34.517	62.92	25.701	37.67	55.162	45.90
Окт.	16	46.609	70.91	12.110	24.74	34.346	61.33	25.504	35.90	54.839	43.85	26	46.443	68.57	12.031	25.03	34.210	59.37	25.344	33.73	54.563	41.35
	5	46.325	65.86	11.994	25.45	34.119	57.06	25.229	31.18	54.345	38.45	15	46.262	62.83	12.004	26.03	34.075	54.44	25.167	28.31	54.196	35.21
	25	46.258	59.55	12.064	26.78	34.086	51.56	25.161	25.17	54.121	31.69	5	46.317	56.09	12.174	27.69	34.151	48.48	25.214	21.84	54.126	27.99
Дек.	15	46.438	52.56	12.333	28.75	34.270	45.29	25.327	18.41	54.212	24.21	25	46.618	49.04	12.537	29.94	34.442	42.10	25.495	14.98	54.378	20.46
	35	46.852	45.66	12.778	31.22	34.659	38.98	25.715	11.66	54.619	16.85	Ср. место Eichelb.	46.852	64.46	11.516	21.90	34.284	55.28	25.602	29.26	55.759	35.73
			+ 76		+ 66		- 104		+ 60		- 83		+ 43		- 140		+ 52					

День	409) ϵ Ophiuchi. VI 4			410) \times Ophiuchi. VI 5			411) ϵ Herculis. VI 6			412) δ Herculis. VI 7			414) ζ Draconis. VI 9									
	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$							
1928	16	50	+10 16	16	54	+9 28	16	57	+31 1	17	2	+12 50	17	8	+65 47							
Янв.	1	33.843	54.60	13.372	65.84	29.870	47.39	0.130	15.17	31.42	63.93	11	34.070	52.34	13.598	63.62	30.092	44.36	0.346	12.81	31.70	60.36
	21	34.327	50.19	13.853	61.51	30.351	41.55	0.595	10.58	32.07	57.07	31	34.608	48.25	14.131	59.58	30.640	39.06	0.869	8.54	32.51	54.20
Февр.	10	34.903	46.54	14.423	57.91	30.949	36.97	1.458	6.78	33.01	51.84	20	35.203	45.18	14.723	56.55	31.271	35.37	1.457	5.37	33.56	50.07
	1	35.507	44.18	15.025	55.55	31.597	34.29	1.759	4.35	34.14	48.95	11	35.805	43.59	15.324	54.95	31.922	33.78	2.061	3.75	34.72	48.51
Март	21	36.095	43.39	15.614	54.74	32.239	33.83	2.354	3.57	35.30	48.75	31	36.372	43.60	15.892	54.92	32.541	34.42	2.637	3.80	35.85	49.65
	10	36.634	44.16	16.154	55.46	32.825	35.52	2.905	4.43	36.36	51.16	20	36.876	45.06	16.397	56.33	33.085	37.06	3.154	5.41	36.81	53.20
	30	37.095	46.22	16.619	57.47	33.317	38.98	3.381	6.69	37.20	55.68	10	37.289	47.61	16.815	58.82	33.519	41.19	3.584	8.19	37.51	58.52
Май	20	37.456	49.13	16.984	60.32	33.686	43.61	3.760	9.87	37.74	61.60	30	37.589	50.75	17.124	61.91	33.817	46.14	3.905	11.64	37.88	64.82
	8*	37.693	52.39	17.230	63.53	33.908	48.71	4.018	13.45	37.94	68.07	18	37.763	54.03	17.301	65.13	33.959	51.23	4.094	15.23	37.90	71.27
Июнь	28	37.795	55.57	17.337	66.65	33.969	53.63	4.133	16.94	37.78	74.32	8	37.790	57.01	17.336	68.06	33.937	55.84	4.136	18.53	37.57	77.13
Июль	18	37.749	58.26	17.299	69.32	33.865	57.82	4.101	19.95	37.28	79.63	28	37.675	59.35	17.227	70.40	33.755	59.51	4.029	21.17	36.92	81.77
	7	37.570	60.25	17.124	71.28	33.611	60.87	3.927	22.17	36.50	83.49	17	37.438	60.91	16.993	71.95	33.437	61.88	3.795	22.94	36.03	84.75
Авг.	27	37.284	61.35	16.841	72.39	33.241	62.50	3.640	23.45	35.51	85.52	6	37.115	61.53	16.674	72.58	33.029	62.72	3.472	23.69	34.97	85.78
Сент.	16	36.943	61.46	16.501	72.53	32.811	62.54	3.294	23.66	34.42	85.52	26	36.774	61.12	16.332	72.22	32.596	61.94	3.118	23.34	33.87	84.73
Окт.	6	36.616	60.52	16.174	71.65	32.393	60.93	2.953	22.73	33.34	83.42	16	36.483	59.65	16.038	70.82	32.212	59.51	2.810	21.84	32.85	81.61
	26	36.380	58.50	15.932	69.73	32.064	57.71	2.695	20.66	32.41	79.33	5	36.314	57.10	15.864	68.38	31.957	55.54	2.616	19.20	32.04	76.61
Нояб.	15	36.294	55.45	15.841	66.78	31.896	53.05	2.583	17.47	31.75	73.50	25	36.321	53.58	15.864	64.97	31.887	50.27	2.597	15.51	31.55	70.09
Дек.	5	36.397	51.52	15.937	62.96	31.931	47.29	2.660	13.36	31.45	66.44	15	36.521	49.32	16.058	60.82	32.030	44.17	2.771	11.06	31.46	62.66
	25	36.690	47.02	16.225	58.59	32.181	41.01	2.929	8.68	31.57	58.87	35	36.900	44.73	16.431	56.35	32.379	37.90	3.126	6.28	31.79	55.17
Ср. место		36.000	57.09	15.544	68.27	32.046	52.68	2.309	18.17	34.51	71.47	Eichelb.	- 71	+ 64	- 53	+ 53	- 93	+ 45	- 72	+ 63	- 12	+ 11

* Для звезды 414) июнь 9.

День	415) α Herculis. VI 9		416) δ Herculis. VI 9		417) π Herculis. VI 10		418) 69ε Her- culis. VI 10		419) θ Ophiu- chi. VI 11	
	h m	°	h m	°	h m	°	h m	°	h m	°
1928	17 11	+14 28	17 12	+24 55	17 12	+36 53	17 15	+37 21	17 17	-24 55
Янв.	1 19.612	12.59	2.212	18.01	30.063	15.66	8.928	51.42	32.540	44.18
	11 19.820	10.17	2.419	15.17	30.271	12.44	9.131	48.18	32.784	44.50
	21 20.062	7.88	2.661	12.50	30.522	9.45	9.380	45.17	33.061	44.91
	31 20.329	5.80	2.932	10.10	30.807	6.78	9.662	42.49	33.362	45.40
Февр.	10 20.615	3.99	3.224	8.05	31.119	4.53	9.973	40.22	33.682	45.93
	20 20.911	2.54	3.529	6.43	31.448	2.78	10.302	38.46	34.013	46.47
Март	1 21.213	1.49	3.842	5.30	31.786	1.59	10.640	37.23	34.349	47.00
	11 21.514	0.87	4.154	4.68	32.126	1.00	10.982	36.62	34.685	47.50
	21 21.810	0.69	4.461	4.58	32.461	1.00	11.317	36.62	35.015	47.95
	31 22.060	0.95	4.758	5.00	32.784	1.58	11.644	37.20	35.337	48.35
Апр.	10 22.368	1.61	5.040	5.89	33.089	2.71	11.952	38.31	35.647	48.69
	20 22.623	2.63	5.302	7.21	33.370	4.33	12.236	39.94	35.941	48.98
	30 22.857	3.97	5.540	8.90	33.623	6.36	12.492	41.97	36.216	49.25
Май	10 23.067	5.55	5.752	10.88	33.844	8.71	12.715	44.33	36.468	49.49
	20 23.250	7.31	5.934	13.07	34.028	11.31	12.904	46.93	36.693	49.72
	30 23.402	9.18	6.082	15.38	34.173	14.06	13.052	49.67	36.887	49.95
Июнь	9 23.521	11.09	6.193	17.75	34.275	16.84	13.157	52.48	37.047	50.20
	18 23.604	12.99	6.266	20.09	34.333	19.60	13.218	55.27	37.169	50.47
	28 23.649	14.81	6.299	22.35	34.346	22.25	13.231	57.96	37.251	50.75
Июль	8 23.657	16.50	6.292	24.44	34.313	24.72	13.200	60.46	37.290	51.04
	18 23.627	18.03	6.245	26.33	34.237	26.95	13.124	62.71	37.287	51.32
	28 23.560	19.35	6.160	27.97	34.119	28.88	13.006	64.68	37.242	51.59
Авг.	7 23.459	20.45	6.040	29.33	33.963	30.46	12.850	66.29	37.159	51.83
	17 23.329	21.30	5.889	30.36	33.774	31.67	12.660	67.52	37.041	52.02
	27 23.174	21.87	5.714	31.06	33.559	32.47	12.444	68.37	36.894	52.15
Сент.	6 23.002	22.16	5.521	31.40	33.326	32.85	12.208	68.77	36.726	52.20
	16 22.822	22.17	5.320	31.37	33.083	32.78	11.964	68.74	36.548	52.17
	26 22.642	21.77	5.118	30.96	32.841	32.26	11.718	68.25	36.369	52.06
Окт.	6 22.471	21.28	4.927	30.17	32.609	31.30	11.482	67.31	36.200	51.88
	16 22.320	20.38	4.755	29.01	32.398	29.89	11.270	65.91	36.053	51.64
	26 22.197	19.19	4.612	27.49	32.219	28.07	11.085	64.11	35.936	51.37
Нояб.	5 22.110	17.71	4.506	25.62	32.079	25.85	10.941	61.90	35.860	51.10
	15 22.066	15.95	4.444	23.44	31.987	23.27	10.845	59.33	35.832	50.86
	25 22.069	13.95	4.431	20.98	31.948	20.38	10.802	56.43	35.855	50.67
Дек.	5 22.121	11.76	4.469	18.29	31.965	17.25	10.815	53.31	35.931	50.57
	15 22.221	9.41	4.558	15.45	32.039	13.99	10.885	50.04	36.060	50.58
	25 22.368	6.97	4.696	12.54	32.168	10.65	11.010	46.71	36.239	50.70
	35 22.556	4.53	4.880	9.66	32.349	7.36	11.189	43.38	36.462	50.94
Ср. место	21.808	15.89	4.407	22.48	32.319	21.29	11.192	57.03	35.161	45.51
Eichelb.	- 52	+ 74	- 75	+ 21	- 86	+ 32	- 38	+ 55	- 56	+ 76

День	420) ρ Herculis			422) λ Herculis			423) β Draconis.			424) α Ophiuchi			425) ω Draconis.					
	VI 12			VI 13			VI 14			VI 14			VI 16					
1928	h	m	°	h	m	°	h	m	°	h	m	°	h	m	°	h	m	°
	17 21		+37 12	17 27		+26 9	17 28		+52 20	17 31		+12 36	17 37		+68 47			
Янв. 1	9.612	34.32		47.427	45.07		45.745	68.12		33.250	36.61		18.71	22.99				
11	9.811	31.09		47.618	42.17		45.945	64.57		33.441	34.30		18.93	19.35				
21	10.054	28.05		47.848	39.46		46.205	61.24		33.667	32.09		19.26	15.93				
31	10.330	25.34		48.106	36.99		46.516	58.27		33.919	30.06		19.68	12.86				
Февр. 10	10.635	23.04		48.390	34.87		46.870	55.76		34.192	28.29		20.19	10.25				
20	10.961	21.22		48.689	33.17		47.255	53.78		34.480	26.84		20.76	8.19				
Март 1	11.297	19.98		49.000	31.95		47.661	52.41		34.776	25.76		21.37	6.75				
11	11.637	19.32		49.312	31.26		48.076	51.69		35.074	25.10		22.02	5.97				
21	11.973	19.27		49.623	31.10		48.489	51.63		35.371	24.86		22.67	5.87				
31	12.300	19.79		49.926	31.47		48.891	52.23		35.661	25.05		23.30	6.44				
Апр. 10	12.611	20.88		50.216	32.32		49.272	53.43		35.942	25.64		23.90	7.65				
20	12.900	22.44		50.489	33.64		49.624	55.18		36.208	26.58		24.44	9.43				
30	13.161	24.45		50.741	35.33		49.938	57.41		36.455	27.84		24.92	11.70				
Май 10	13.390	26.79		50.966	37.34		50.209	60.02		36.681	29.35		25.32	14.38				
20	13.583	29.38		51.161	39.57		50.430	62.92		36.882	31.04		25.63	17.37				
30	13.738	32.07		51.325	41.95		50.597	66.01		37.054	32.86		25.85	20.56				
Июнь 9	13.848	34.94		51.450	44.41		50.706	69.18		37.193	34.73		25.96	23.86				
18	13.916	37.74		51.538	46.86		50.757	72.34		37.296	36.59		25.97	27.16				
28	13.937	40.45		51.584	49.23		50.747	75.40		37.362	38.39		25.88	30.37				
Июль 8	13.913	42.99		51.590	51.46		50.677	78.28		37.389	40.08		25.69	33.40				
18	13.843	45.27		51.552	53.49		50.550	80.91		37.377	41.62		25.40	36.18				
28	13.730	47.27		51.477	55.28		50.369	83.21		37.326	42.97		25.02	38.64				
Авг. 7	13.578	48.96		51.362	56.78		50.139	85.15		37.240	44.10		24.57	40.72				
17	13.392	50.25		51.215	57.95		49.866	86.67		37.121	45.00		24.05	42.38				
27	13.179	51.14		51.041	58.79		49.558	87.73		36.976	45.65		23.48	43.57				
Сент. 6	12.945	51.62		50.847	59.28		49.226	88.31		36.810	46.03		22.86	44.26				
16	12.700	51.65		50.642	59.38		48.879	88.40		36.633	46.13		22.22	44.44				
26	12.453	51.22		50.434	59.08		48.530	87.97		36.452	45.95		21.58	44.10				
Окт. 6	12.216	50.34		50.234	58.40		48.190	87.04		36.278	45.48		20.95	43.23				
16	11.999	49.02		50.051	57.35		47.872	85.60		36.121	44.72		20.34	41.84				
26	11.811	47.26		49.894	55.91		47.588	83.68		35.989	43.68		19.79	39.94				
Нояб. 5	11.663	45.11		49.774	54.11		47.349	81.31		35.890	42.36		19.30	37.57				
15	11.566	42.58		49.695	51.98		47.166	78.54		35.832	40.77		18.89	34.78				
25	11.512	39.74		49.664	49.58		47.045	75.41		35.819	38.94		18.58	31.61				
Дек. 5	11.518	36.65		49.685	46.92		46.993	72.01		35.873	36.91		18.37	28.16				
15	11.581	33.39		49.756	44.09		47.012	68.42		35.935	34.72		18.28	24.51				
25	11.700	30.06		49.877	41.18		47.103	64.76		36.063	32.43		18.31	20.77				
35	11.870	26.76		50.043	38.25		47.263	61.13		36.233	30.11		18.46	17.06				
Ср. место	11.893	39.79		49.660	49.54		48.304	74.27		35.490	39.91		22.21	29.19				
Eichelb.	- 79	+ 11		- 73	+ 41		- 91	+ 45		- 62	+ 59		- 96	- 20				

День	426) ϵ Herculis.		427) ζ Orphiuchi.		428) δ Draconis.		429) μ Herculis.		430) γ Orphiuchi.	
	VI 16		VI 16		VI 17		VI 17		VI 18	
	h m	$^{\circ}$	h m	$^{\circ}$	h m	$^{\circ}$	h m	$^{\circ}$	h m	$^{\circ}$
1928	17 37	+46 2	17 39	+4 35	17 43	+72 10	17 43	+27 45	17 44	+2 43
Янв. 1	23.435	31.89	52.609	42.56	8.94	58.73	36.094	37.51	14.588	55.88
11	23.617	28.43	52.798	40.68	9.15	55.08	36.267	34.56	14.774	54.14
21	23.852	25.18	53.020	38.86	9.50	51.63	36.480	31.75	14.993	52.42
31	24.132	22.24	53.268	37.17	9.97	48.52	36.726	29.19	15.238	50.81
Февр. 10	24.449	19.72	53.537	35.67	10.54	45.86	36.999	26.96	15.504	49.39
20	24.794	17.71	53.820	34.43	11.19	43.73	37.291	25.16	15.786	48.20
Март 1	25.158	16.28	54.112	33.49	11.89	42.22	37.597	23.83	16.077	47.30
11	25.532	15.48	54.408	32.89	12.64	41.36	37.909	23.02	16.372	46.71
21	25.906	15.31	54.704	32.64	13.39	41.17	38.222	22.76	16.667	46.46
31	26.272	15.78	54.994	32.74	14.13	41.66	38.531	23.04	16.959	46.54
Апр. 10	26.622	16.85	55.276	33.18	14.83	42.79	38.829	23.83	17.243	46.94
20	26.949	18.46	55.546	33.92	15.47	44.49	39.112	25.09	17.516	47.63
30	27.247	20.55	55.800	34.92	16.03	46.69	39.375	26.75	17.773	48.56
Май 10	27.508	23.02	56.034	36.13	16.50	49.31	39.614	28.75	18.012	49.69
20	27.728	25.78	56.244	37.49	16.86	52.25	39.824	31.01	18.227	50.97
30	27.903	28.75	56.427	38.95	17.11	55.40	40.001	33.44	18.415	52.34
Июнь 9	28.028	31.81	56.579	40.45	17.24	58.67	40.141	35.96	18.572	53.75
18	28.101	34.89	56.697	41.94	17.25	61.95	40.242	38.49	18.695	55.15
28	28.121	37.88	56.778	43.39	17.13	65.16	40.301	40.96	18.781	56.50
Июль 8	28.088	40.72	56.819	44.74	16.89	68.20	40.317	43.31	18.828	57.76
18	28.003	43.32	56.822	45.96	16.55	71.00	40.290	45.46	18.836	58.90
28	27.868	45.62	56.786	47.03	16.10	73.50	40.221	47.38	18.805	59.91
Авг. 7	27.686	47.58	56.713	47.94	15.55	75.62	40.113	49.01	18.737	60.75
17	27.465	49.15	56.607	48.66	14.92	77.32	39.970	50.33	18.635	61.42
27	27.210	50.29	56.473	49.19	14.23	78.57	39.797	51.30	18.504	61.91
Сент. 6	26.931	50.97	56.318	49.51	13.50	79.33	39.602	51.90	18.352	62.22
16	26.637	51.17	56.150	49.63	12.73	79.58	39.392	52.12	18.185	62.33
26	26.338	50.88	55.977	49.53	11.95	79.31	39.177	51.94	18.013	62.25
Окт. 6	26.046	50.10	55.809	49.22	11.18	78.51	38.967	51.36	17.847	61.97
16	25.772	48.84	55.657	48.68	10.45	77.19	38.772	50.38	17.694	61.48
26	25.528	47.11	55.529	47.92	9.77	75.37	38.601	49.01	17.566	60.78
Нояб. 5	25.323	44.93	55.433	46.95	9.16	73.06	38.464	47.27	17.469	59.88
15	25.167	42.34	55.377	45.75	8.64	70.32	38.368	45.18	17.411	58.78
25	25.067	39.39	55.365	44.35	8.23	67.21	38.318	42.78	17.397	57.48
Дек. 5	25.028	36.17	55.400	42.78	7.95	63.79	38.317	40.12	17.430	56.01
15	25.052	32.74	55.481	41.06	7.80	60.17	38.367	37.27	17.509	54.40
25	25.138	29.21	55.607	39.23	7.79	56.44	38.468	34.31	17.632	52.68
35	25.286	25.70	55.776	37.35	7.93	52.73	38.616	31.33	17.798	50.92
Ср. место Eichelb.	25.874 - 45	37.45 + 42	54.898 - 60	45.29 + 74	12.90 - 99	64.65 - 9	38.360 - 41	41.95 + 72	16.893 - 54	58.60 + 55

День	432) ξ Draconis		431) β Draco- nis.		433) θ Herculis		434) γ Draconis		435) ε Herculis		
	VI 20		VI 20		VI 20		VI 20		VI 20		
	h m	$^{\circ}$	h m	$^{\circ}$	h m	$^{\circ}$	h m	$^{\circ}$	h m	$^{\circ}$	
1928	17 52	+56 52	17 52	+76 58	17 53	+37 15	17 54	+51 29	17 54	+29 14	
Янв.	1	14.221	55.01	35.22	18.99	44.644	27.87	53.422	42.71	55.696	71.51
	11	14.386	51.38	35.43	15.38	44.804	24.63	53.581	39.15	55.857	68.54
	21	14.622	47.93	35.82	11.95	45.011	21.54	53.801	35.76	56.059	65.70
	31	14.921	44.79	36.38	8.83	45.257	18.71	54.075	32.66	56.296	63.09
Февр.	10	15.274	42.07	37.09	6.13	45.536	16.25	54.395	29.96	56.562	60.82
	20	15.670	39.86	37.92	3.94	45.840	14.24	54.752	27.77	56.850	58.96
Март	1	16.097	38.25	38.83	2.34	46.163	12.76	55.136	26.15	57.154	57.57
	11	16.543	37.28	39.80	1.39	46.496	11.85	55.536	25.16	57.467	56.71
	21	16.996	36.98	40.80	1.11	46.833	11.54	55.942	24.83	57.783	56.41
	31	17.443	37.35	41.78	1.49	47.167	11.83	56.344	25.16	58.096	56.65
Апр.	10	17.874	38.35	42.72	2.50	47.491	12.69	56.733	26.11	58.402	57.42
	20	18.277	39.93	43.57	4.10	47.799	14.07	57.099	27.63	58.694	58.68
	30	18.642	42.04	44.33	6.21	48.085	15.92	57.435	29.67	58.967	60.35
Май	10	18.962	44.57	44.96	8.75	48.344	18.15	57.732	32.13	59.217	62.38
	20	19.229	47.43	45.45	11.62	48.570	20.68	57.985	34.92	59.438	64.69
	30	19.437	50.53	45.78	14.73	48.759	23.42	58.187	37.95	59.627	67.19
Июнь	9	19.581	53.77	45.95	17.97	48.907	26.28	58.334	41.12	59.779	69.79
	19	19.658	57.05	45.95	21.25	49.010	29.17	58.423	44.34	59.891	72.42
	28	19.667	60.28	45.79	24.47	49.067	32.02	58.452	47.50	59.960	75.01
Июль	8	19.608	63.36	45.46	27.55	49.076	34.74	58.421	50.53	59.985	77.47
	18	19.482	66.23	44.98	30.41	49.037	37.26	58.331	53.35	59.966	79.76
	28	19.294	68.80	44.36	32.98	48.952	39.53	58.184	55.89	59.904	81.81
Авг.	7	19.047	71.03	43.61	35.20	48.823	41.49	57.984	58.10	59.801	83.59
	17	18.749	72.86	42.74	37.02	48.655	43.10	57.738	59.91	59.661	85.05
	27	18.407	74.24	41.79	38.40	48.455	44.32	57.452	61.30	59.490	86.16
Сент.	6	18.033	75.15	40.77	39.30	48.229	45.13	57.136	62.22	59.294	86.90
	16	17.639	75.56	39.71	39.70	47.986	45.50	56.800	62.66	59.082	87.25
	26	17.235	75.46	38.62	39.59	47.736	45.43	56.455	62.59	58.864	87.19
Окт.	6	16.836	74.83	37.55	38.96	47.489	44.90	56.114	62.01	58.648	86.72
	16	16.454	73.68	36.51	37.81	47.256	43.92	55.788	60.92	58.445	85.84
	26	16.105	72.03	35.54	36.16	47.047	42.49	55.490	59.34	58.265	84.56
Нояб.	5	15.799	69.89	34.65	34.02	46.871	40.63	55.232	57.28	58.117	82.89
	15	15.548	67.30	33.88	31.44	46.738	38.38	55.023	54.77	58.008	80.86
	25	15.361	64.33	33.26	28.47	46.653	35.78	54.872	51.88	57.944	78.50
Дек.	5	15.246	61.03	32.79	25.19	46.621	32.88	54.785	48.68	57.930	75.87
	15	15.209	57.50	32.50	21.67	46.644	29.76	54.766	45.23	57.967	73.03
	25	15.250	53.85	32.40	18.02	46.722	26.52	54.817	41.65	58.054	70.07
	35	15.369	50.18	32.49	14.37	46.854	23.25	54.936	38.06	58.190	67.07
Ср. место Eichelb.		16.998 - 92	60.32 + 19	40.27 - 184	24.37 + 72	46.993 - 81	32.59 + 13	56.026 - 97	47.81 + 49	57.985 - 74	75.89 + 72

День	437) 67 Orphi- chi. VI 21		438) 70 Orphi- chi. Яркая звезда. VI 22		439) 72 Orphi- chi. VI 23		440) 6 Herculis VI 23		443) 4 Sagit- tarii. VI 24		
	h m	°	h m	°	h m	°	h m	°	h m	°	
1928	17 56	+ 2 55	18 1	+ 2 30	18 3	+ 9 32	18 4	+ 28 44	18 9	- 21 4	
Янв.	1	59.990	58.04	46.515	51.63	53.840	64.89	41.707	60.81	24.831	47.60
	11	60.164	56.29	46.687	49.90	54.003	62.81	41.858	57.86	25.019	47.88
	21	60.372	54.59	46.894	48.21	54.201	60.80	42.050	55.03	25.243	48.20
	31	60.608	53.00	47.128	46.63	54.428	58.93	42.278	52.43	25.498	48.53
Февр.	10	60.867	51.59	47.386	45.23	54.680	57.28	42.536	50.13	25.776	48.85
	20	61.142	50.41	47.660	44.06	54.949	55.91	42.817	48.23	26.073	49.14
Март	1	61.429	49.52	47.947	43.16	55.232	54.87	43.115	46.81	26.383	49.36
	11	61.722	48.95	48.239	42.59	55.523	54.21	43.424	45.91	26.701	49.51
	21	62.017	48.71	48.534	42.34	55.818	53.94	43.738	45.54	27.023	49.56
	31	62.310	48.81	48.828	42.42	56.111	54.07	44.051	45.73	27.345	49.52
Апр.	10	62.598	49.23	49.116	42.82	56.400	54.59	44.359	46.45	27.664	49.40
	20	62.876	49.94	49.396	43.51	56.680	55.45	44.654	47.65	27.975	49.21
	30	63.140	50.90	49.663	44.46	56.946	56.62	44.933	49.29	28.274	48.97
Май	10	63.387	52.07	49.912	45.60	57.195	58.04	45.189	51.28	28.556	48.71
	20	63.612	53.39	50.140	46.89	57.421	59.66	45.478	53.56	28.818	48.44
	30	63.810	54.81	50.343	48.28	56.622	61.40	45.616	56.04	29.054	48.20
Июнь	9	63.978	56.27	50.513	49.70	57.792	63.20	45.777	58.64	29.258	48.00
	19	64.113	57.72	50.649	51.12	57.927	65.02	45.899	61.29	29.428	47.85
	28	64.210	59.13	50.750	52.49	58.025	66.79	45.979	63.89	29.558	47.78
Июль	8	64.269	60.45	50.814	53.77	58.083	68.47	46.014	66.39	29.645	47.77
	18	64.287	61.65	50.835	54.92	58.100	70.01	46.005	68.72	29.689	47.83
	28	64.265	62.70	50.816	55.93	58.077	71.39	45.953	70.82	29.688	47.94
Авг.	7	64.205	63.59	50.758	56.78	58.015	72.57	45.858	72.65	29.644	48.09
	17	64.110	64.31	50.664	57.47	57.918	73.53	45.725	74.18	29.561	48.27
	27	63.985	64.84	50.540	57.97	57.789	74.27	45.560	75.36	29.442	48.46
Сент.	6	63.835	65.18	50.392	58.26	57.636	74.76	45.369	76.17	29.296	48.64
	16	63.670	65.33	50.227	58.37	57.466	75.00	45.160	76.60	29.130	48.79
	26	63.498	65.28	50.058	58.29	57.288	74.98	44.943	76.63	28.954	48.90
Окт.	6	63.329	65.02	49.888	58.01	57.111	74.70	44.726	76.25	28.778	48.98
	16	63.172	64.56	49.731	57.54	56.946	74.16	44.521	75.47	28.615	49.02
	26	63.037	63.90	49.595	56.86	56.801	73.36	44.338	74.28	28.474	49.03
Нояб.	5	62.932	63.03	49.491	55.98	56.686	72.30	44.184	72.70	28.363	49.03
	15	62.865	61.96	49.422	54.90	56.607	70.99	44.069	70.76	28.293	49.03
	25	62.840	60.70	49.396	53.64	56.570	69.45	43.998	68.49	28.268	49.05
Дек.	5	62.861	59.27	49.414	52.21	56.577	67.71	43.975	65.93	28.291	49.12
	15	62.928	57.69	49.479	50.64	56.630	65.81	44.002	63.16	28.364	49.34
	25	63.039	56.01	49.590	48.97	56.729	63.79	44.078	60.26	28.485	49.42
	35	63.192	54.28	49.741	47.25	56.870	61.72	44.203	57.31	28.651	49.66
Ср. место		62.310	61.04	48.841	54.81	56.133	68.37	44.008	65.03	27.445	45.36
Eichelb.		- 67	+ 31	- 71	+ 155	- 38	+ 38	- 76	+ 66	- 52	+ 43

День	444) 36 Draco- nis. VI 25			447) 109 Her- culis. VI 27			448) φ Draco- nis m. VI 27			449) γ Draco- nis. VI 27			450) 39b Dra- conis. VI 27		
	h	m	°	h	m	°	h	m	°	h	m	°	h	m	°
1928	18 13	+ 64 21		18 20	+ 21 43		18 21	+ 71 17		18 22	+ 72 41		18 22	+ 58 45	
Янв. 1	25.65	77.39	35.464	64.21	43.56	55.44	17.19	63.55	48.637	26.57					
11	25.77	73.72	35.602	61.57	43.65	51.78	17.28	59.87	48.745	22.92					
21	25.99	70.19	35.780	59.02	43.88	48.22	17.51	56.30	48.930	19.39					
31	26.29	66.89	35.991	56.65	44.23	44.89	17.88	52.97	49.187	16.10					
Февр. 10	26.67	63.98	36.232	54.53	44.68	41.93	18.37	49.99	49.508	13.16					
20	27.12	61.54	36.495	52.76	45.23	39.48	18.96	47.47	49.882	10.68					
Март 1	27.62	59.68	36.777	51.41	45.85	37.49	19.62	45.51	50.298	8.76					
11	28.15	58.46	37.070	50.52	46.53	36.16	20.35	44.16	50.745	7.46					
21	28.69	57.90	37.371	50.12	47.23	35.49	21.11	43.47	51.209	6.81					
31	29.23	58.02	37.674	50.23	47.94	35.50	21.88	43.46	51.678	6.83					
Апр. 10	29.76	58.78	37.975	50.81	48.64	36.16	22.63	44.10	52.139	7.51					
20	30.27	60.17	38.268	51.84	49.30	37.44	23.34	45.36	52.581	8.80					
30	30.74	62.12	38.548	53.27	49.91	39.28	23.99	47.18	52.991	10.65					
Май 10	31.15	64.53	38.810	55.05	50.44	41.61	24.56	49.48	53.360	12.98					
20	31.50	67.32	39.049	57.09	50.88	44.33	25.03	52.18	53.679	15.70					
30	31.78	70.40	39.260	59.32	51.22	47.35	25.40	55.19	53.939	18.73					
Июнь 9	31.97	73.66	39.440	61.67	51.46	50.58	25.65	58.41	54.134	21.96					
19	32.07	77.01	39.582	64.07	51.58	53.92	25.77	61.74	54.260	25.29					
28	32.09	80.35	39.685	66.44	51.58	57.28	25.76	65.08	54.314	28.63					
Июль 8	32.02	83.60	39.746	68.73	51.46	60.55	25.63	68.34	54.294	31.89					
18	31.87	86.67	39.764	70.87	51.23	63.67	25.38	71.45	54.202	34.99					
28	31.63	89.49	39.738	72.81	50.89	66.55	25.01	74.32	54.039	37.85					
Авг. 7	31.32	91.97	39.671	74.52	50.46	69.13	24.53	76.89	53.811	40.41					
17	30.95	94.09	39.566	75.95	49.93	71.35	23.96	79.11	53.524	42.61					
27	30.52	95.79	39.427	77.08	49.32	73.16	23.31	80.91	53.185	44.40					
Сент. 6	30.08	97.02	39.260	77.90	48.65	74.52	22.59	82.27	52.805	45.74					
16	29.52	97.75	39.074	78.38	47.94	75.39	21.82	83.13	52.395	46.59					
26	28.99	97.97	38.877	78.50	47.20	75.75	21.02	83.49	51.967	46.93					
Окт. 6	28.46	97.66	38.679	78.27	46.46	75.59	20.21	83.32	51.536	46.75					
16	27.94	96.81	38.489	77.67	45.73	74.88	19.42	82.62	51.114	46.03					
26	27.46	95.43	38.318	76.72	45.03	73.64	18.67	81.38	50.717	44.79					
Нояб. 5	27.03	93.55	38.173	75.42	44.39	71.89	17.97	79.63	50.357	43.03					
15	26.65	91.18	38.064	73.78	43.82	69.64	17.35	77.38	50.047	40.79					
25	26.34	88.38	37.995	71.84	43.35	66.95	16.83	74.70	49.799	38.12					
Дек. 5	26.12	85.21	37.970	69.63	42.98	63.88	16.43	71.64	49.620	35.07					
15	25.99	81.77	37.993	67.22	42.73	60.51	16.15	68.27	49.517	31.72					
25	25.95	78.14	38.062	64.66	42.61	56.93	16.01	64.69	49.495	28.17					
35	26.01	74.45	38.176	62.03	42.63	53.26	16.01	61.03	49.554	24.54					
Ср. место	28.89	81.71	37.757	68.12	47.55	59.23	21.41	67.28	51.562	30.47					
Elchelb.	-64	-17	-66	+114	-143	+51	-102	+14	-133	+57					

День	451) λ Sagittarii. VI 28			453) α Lyrae. VI 30			454) η Herculis. VII 2			455) η Herculis. VII 3			456) β Lyrae. VII 4		
	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$
1928	18 23		-25 27	18 34		+38 42	18 42		+20 28	18 43		+18 5	18 47		+33 16
Янв.	1	28.947	50.15	27.625	52.60		31.437	30.17		48.128	56.25		22.924	37.40	
	11	29.126	50.11	27.735	49.38		31.553	27.64		48.243	53.86		23.022	34.37	
	21	29.343	50.10	27.894	46.23		31.708	25.17		48.399	51.53		23.167	31.40	
	31	29.593	50.12	28.098	43.28		31.899	22.85		48.588	49.30		23.353	28.60	
Февр.	10	29.869	50.14	28.341	40.64		32.120	20.77		48.810	47.32		23.576	26.06	
	20	30.167	50.15	28.616	38.39		32.367	19.00		49.054	45.66		23.830	23.89	
Март	1	30.480	50.14	28.918	36.64		32.634	17.62		49.319	44.35		24.110	22.17	
	11	30.804	50.10	29.239	35.43		32.917	16.68		49.599	43.48		24.410	20.96	
	21	31.134	50.01	29.574	34.81		33.211	16.21		49.891	43.05		24.724	20.31	
	31	31.467	49.87	29.914	34.79		33.511	16.23		50.187	43.11		25.046	20.22	
Апр.	10	31.799	49.69	30.252	35.36		33.813	16.72		50.486	43.60		25.370	20.70	
	20	32.125	49.50	30.583	36.50		34.110	17.67		50.783	44.53		25.689	21.71	
	30	32.441	49.30	30.899	38.14		34.398	19.02		51.069	45.85		25.998	23.22	
Май	10	32.743	49.12	31.193	40.22		34.672	20.72		51.345	47.52		26.289	25.15	
	20	33.024	48.97	31.459	42.66		34.926	22.70		51.600	49.44		26.557	27.43	
	30	33.279	48.88	31.691	45.38		35.155	24.88		51.829	51.54		26.796	29.98	
Июнь	9	33.503	48.86	31.883	48.28		35.354	27.20		52.031	53.79		26.999	32.73	
	19	33.692	48.92	32.032	51.28		35.518	29.59		52.197	56.08		27.163	35.58	
	29 ^{*)}	33.841	49.06	32.134	54.30		35.648	31.97		52.325	58.37		27.283	38.45	
Июль	8	33.945	49.28	32.186	57.25		35.726	34.27		52.411	60.59		27.357	41.27	
	18	34.004	49.57	32.186	60.05		35.765	36.45		52.455	62.69		27.382	43.97	
	28	34.016	49.91	32.137	62.65		35.761	38.45		52.456	64.60		27.359	46.48	
Авг.	7	33.983	50.29	32.040	64.99		35.713	40.23		52.412	66.30		27.289	48.75	
	17	33.907	50.68	31.898	67.00		35.625	41.76		52.329	67.78		27.176	50.72	
	27	33.793	51.05	31.716	68.65		35.501	43.00		52.210	68.96		27.023	52.36	
Сент.	6	33.648	51.39	31.502	69.91		35.347	43.93		52.061	69.85		26.838	53.64	
	16	33.480	51.66	31.264	70.75		35.171	44.54		51.891	70.44		26.628	54.52	
	26	33.300	51.87	31.011	71.14		34.980	44.81		51.704	70.70		26.401	54.98	
Окт.	6	33.118	51.99	30.754	71.07		34.784	44.73		51.514	70.63		26.168	55.02	
	16	32.946	52.02	30.503	70.53		34.593	44.30		51.328	70.23		25.939	54.62	
	26	32.794	51.97	30.269	69.52		34.417	43.52		51.159	69.51		25.724	53.78	
Нояб.	5	32.673	51.86	30.062	68.06		34.265	42.39		51.009	68.45		25.533	52.51	
	15	32.590	51.70	29.891	66.17		34.144	40.93		50.893	67.07		25.374	50.82	
	25	32.551	51.52	29.763	63.88		34.060	39.17		50.811	65.40		25.254	48.75	
Дек.	5	32.562	51.34	29.683	61.25		34.018	37.14		50.774	63.46		25.179	46.35	
	15	32.622	51.18	29.655	58.33		34.021	34.88		50.780	61.35		25.152	43.67	
	25	32.732	51.05	29.682	55.22		34.070	32.47		50.830	59.05		25.174	40.79	
	35	32.888	50.97	29.762	52.02		34.162	29.98		50.923	56.67		25.246	37.80	
Ср. место Eichelb.		31.650 - 45	47.19 + 74	30.038 - 69	56.27 + 31		33.737 - 37	33.98 + 83		50.424 - 28	60.11 + 84		25.284 - 79	40.84 + 37	

*) Для звезды 451): июль 28.

День	457) δ Dra- conis. VII 4		458) θ^1 Ser- pentis. VII 5		459) R Lyrae. VII 5		460) ν Dra- conis. VII 6		461) γ Lyrae VII 6		
	h m	°	h m	°	h m	°	h m	°	h m	°	
1928	18 50	+59 17	18 52	+4 6	18 53	+43 50	18 55	+71 11	18 56	+32 35	
Янв.	1	5.424	57.09	36.075	26.36	6.162	57.96	13.14	62.59	12.641	19.44
	11	5.479	53.49	36.195	24.72	6.241	54.64	13.14	58.98	12.730	16.47
	21	5.614	49.93	36.352	23.12	6.375	51.35	13.26	55.38	12.865	13.54
	31	5.825	46.54	36.540	21.61	6.559	48.23	13.51	51.94	13.041	10.75
Февр.	10	6.105	43.45	36.756	20.25	6.788	45.39	13.88	48.77	13.255	8.22
	20	6.445	40.77	36.996	19.12	7.057	42.94	14.35	45.99	13.500	6.04
Март	1	6.836	38.60	37.254	18.27	7.359	40.96	14.91	43.70	13.772	4.30
	11	7.267	37.01	37.528	17.73	7.687	39.53	15.54	41.99	14.066	3.05
	21	7.724	36.05	37.812	17.53	8.034	38.70	16.21	40.91	14.375	2.35
	31	8.196	35.76	38.104	17.67	8.391	38.49	16.91	40.49	14.694	2.22
Апр.	10	8.670	36.13	38.399	18.15	8.752	38.90	17.62	40.74	15.016	2.64
	20	9.132	37.14	38.693	18.94	9.107	39.90	18.30	41.63	15.336	3.59
	30	9.571	38.73	38.981	20.01	9.449	41.44	18.95	43.11	15.647	5.04
Май	10	9.975	40.84	39.259	21.32	9.770	43.46	19.54	45.13	15.942	6.92
	20	10.333	43.39	39.520	22.80	10.063	45.89	20.05	47.61	16.216	9.16
	30	10.637	46.30	39.761	24.40	10.321	48.64	20.47	50.45	16.461	11.68
Июнь	9	10.879	49.46	39.975	26.07	10.537	51.62	20.79	53.58	16.673	14.40
	19	11.052	52.79	40.157	27.74	10.707	54.75	21.00	56.90	16.846	17.23
	29	11.153	56.18	40.304	29.38	10.826	57.92	21.10	60.31	16.976	20.10
Июль	8	11.179	59.55	40.411	30.94	10.891	61.05	21.08	63.71	17.060	22.93
	18	11.130	62.82	40.477	32.39	10.901	64.08	20.94	67.03	17.096	25.64
	28	11.007	65.90	40.500	33.68	10.857	66.93	20.69	70.19	17.084	28.17
Авг.	7	10.813	68.72	40.481	34.80	10.760	69.52	20.33	73.11	17.024	30.48
	17	10.555	71.22	40.422	35.74	10.613	71.81	19.87	75.72	16.920	32.50
	27	10.240	73.34	40.326	36.47	10.422	73.74	19.33	77.97	16.776	34.19
Сент.	6	9.876	75.04	40.200	37.00	10.194	75.28	18.72	79.81	16.599	35.53
	16	9.475	76.28	40.050	37.32	9.937	76.38	18.04	81.19	16.395	36.48
	26	9.050	77.02	39.884	37.42	9.661	77.03	17.33	82.08	16.173	37.02
Окт.	6	8.613	77.24	39.713	37.32	9.377	77.20	16.60	82.45	15.944	37.14
	16	8.178	76.93	39.545	37.01	9.095	76.88	15.86	82.29	15.717	36.83
	26	7.760	76.08	39.390	36.48	8.826	76.06	15.14	81.58	15.503	36.08
Нояб.	5	7.372	74.70	39.258	35.75	8.582	74.76	14.46	80.33	15.311	34.91
	15	7.027	72.80	39.155	34.82	8.371	72.99	13.85	78.54	15.149	33.32
	25	6.737	70.44	39.087	33.70	8.203	70.79	13.31	76.27	15.025	31.34
Дек.	5	6.512	67.65	39.060	32.41	8.083	68.20	12.86	73.55	14.944	29.03
	15	6.360	64.51	39.075	30.96	8.017	65.29	12.52	70.46	14.909	26.43
	25	6.286	61.11	39.133	29.41	8.006	62.14	12.31	67.09	14.923	23.61
	35	6.292	57.56	39.232	27.80	8.053	58.86	12.23	63.54	14.986	20.68
Ср. место Eichelb.		8.409 - 83	59.64 + 11	38.407 - 51	30.62 + 80	8.661 - 92	60.91 + 77	17.18 - 131	64.47 + 26	14.996 - 75	22.72 + 59

День.	462) ϵ Aquilae. VI 6			463) ζ Aquilae. VII 7			465) π Sagittarii. VII 8			467) δ Draconis. VII 10			468) θ Lyrae. VII 10		
	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$
1928	18 56	+14 57		19 2	+13 45		19 5	-21 8		19 12	+67 31		19 13	+37 59	
Янв. 1	18.935	65.33	3.740	14.40	26.380	28.10	29.03	64.44	49.678	73.54					
11	19.041	63.12	3.842	12.26	26.511	28.16	29.00	60.87	49.739	70.44					
21	19.185	60.95	3.982	10.16	26.680	28.21	29.08	57.28	49.850	67.35					
31	19.364	58.90	4.156	8.18	26.883	28.24	29.27	53.80	50.006	64.38					
Февр. 10	19.572	57.05	4.361	6.39	27.116	28.22	29.55	50.55	50.204	61.64					
20	19.806	55.48	4.591	4.86	27.373	28.14	29.93	47.65	50.440	59.25					
Март 1	20.062	54.26	4.843	3.67	27.651	27.98	30.38	45.23	50.709	57.28					
11	20.334	53.43	5.112	2.86	27.947	27.73	30.90	43.35	51.004	55.82					
21	20.619	53.02	5.394	2.46	28.255	27.38	31.47	42.08	51.319	54.91					
31	20.913	53.06	5.686	2.49	28.572	26.94	32.07	41.47	51.649	54.59					
Апр. 10	21.210	53.52	5.983	2.95	28.895	26.42	32.67	41.53	51.986	54.86					
20	21.506	54.39	6.279	3.81	29.220	25.83	33.27	42.24	52.324	55.70					
30	21.796	55.64	6.571	5.03	29.541	25.20	33.85	43.56	52.655	57.07					
Май 10	22.075	57.20	6.852	6.56	29.853	24.56	34.38	45.44	52.972	58.92					
20	22.337	59.01	7.117	8.34	30.152	23.95	34.86	47.80	53.268	61.17					
30	22.576	61.01	7.361	10.31	30.430	23.38	35.27	50.57	53.535	63.75					
Июнь 9	22.787	63.14	7.577	12.40	30.683	22.89	35.60	53.65	53.767	66.56					
19	22.966	65.33	7.762	14.54	30.904	22.50	35.84	56.95	53.959	69.54					
29	23.108	67.50	7.910	16.68	31.087	22.21	35.98	60.38	54.106	72.59					
Июль 8*)	23.209	69 61	8.018	18.75	31.229	22.04	36.02	63.84	54.203	75.63					
18	23.267	71.60	8.083	20.71	31.326	21.99	35.96	67.25	54.250	78.59					
28	23.282	73.43	8.104	22.50	31.377	22.06	35.81	70.53	54.245	81.39					
Авг. 7	23.254	75.06	8.083	24.10	31.382	22.23	35.56	73.60	54.189	83.97					
17	23.185	76.46	8 020	25.48	31.341	22.47	35.22	76.39	54.086	86.28					
27	23.080	77.61	7.920	26.61	31.259	22.76	34.81	78.84	53.938	88.27					
Сент. 6	22.943	78.48	7.788	27.47	31.142	23.09	34.33	80.89	53.753	89.89					
16	22.782	79.07	7.632	28.06	30.996	23.42	33.79	82.51	53.537	91.12					
26	22.605	79.36	7.458	28.36	30.831	23.74	33.21	83.64	53.300	91.92					
Окт. 6	22.421	79.35	7.277	28.36	30.658	24.02	32.61	84.26	53.052	92.28					
16	22.240	79.03	7.097	28.07	30.486	24.26	32.00	84.34	52.803	92.17					
26	22.071	78.40	6.929	27.48	30.326	24.45	31.41	83.88	52.563	91.60					
Нояб. 5	21.924	77.47	6.782	26.60	30.188	24.59	30.85	82.87	52.342	90.56					
15	21.805	76.25	6.662	25.44	30.082	24.69	30.33	81.31	52.149	89.07					
25	21.722	74.75	6.577	24.02	30.013	24.77	29.87	79.24	51.992	87.16					
Дек. 5	21.678	73.01	6.531	22.36	29.986	24.82	29.49	76.71	51.878	84.87					
15	21.677	71.07	6.527	20.49	30.004	24.87	29.19	73.77	51.810	82.24					
25	21.719	68.97	6.565	18.48	30.068	24.92	28.99	70.51	51.792	79.37					
35	21.803	66.79	6.644	16.39	30.176	24.96	28.89	67.04	51.825	76.34					

Ср. место	21.230	69.28	6.036	18.42	28.977	22.57	32.63	65.47	52.085	76.09
Eichelb.	-28	+50	-49	+69	-14	+36	-94	+21	-37	+60

*) Для звезд 467) и 468): июль 9.

День	469) α Cygni.		470) τ Draconis		471) δ Aquilae.		473) β^1 Cygni.		472) ϵ Cygni.		
	VII 11		VII 11		VII 12		VII 14		VII 14		
	h m	° ' "	h m	° ' "	h m	° ' "	h m	° ' "	h m	° ' "	
1928	19 15	+53 13	19 16	+73 12	19 21	+ 2 57	19 27	+27 48	19 27	+51 3	
Янв.	1	23.644	64.06	52.50	79.73	49.780	66.61	46.729	23.38	50.782	31.07
	11	23.672	60.61	52.40	76.19	49.873	65.14	46.789	20.69	50.796	27.70
	21	23.767	57.15	52.45	72.62	50.003	63.68	46.892	18.01	50.872	24.29
	31	23.926	53.81	52.65	69.13	50.165	62.31	47.035	15.42	51.011	20.97
Февр.	10	24.144	50.70	52.98	65.86	50.357	61.09	47.214	13.03	51.207	17.87
	20	24.416	47.95	53.44	62.92	50.575	60.07	47.426	10.93	51.457	15.09
Март	1	24.735	45.66	54.00	60.43	50.815	59.30	47.667	9.21	51.753	12.74
	11	25.093	43.91	54.65	58.48	51.074	58.83	47.932	7.94	52.089	10.91
	21	25.480	42.76	55.37	57.13	51.349	58.68	48.218	7.16	52.457	9.67
	31	25.887	42.25	56.13	56.43	51.635	58.86	48.519	6.90	52.847	9.06
Апр.	10	26.303	42.39	56.91	56.38	51.929	59.37	48.830	7.17	53.249	9.08
	20	26.718	43.16	57.68	56.99	52.227	60.18	49.145	7.96	53.653	9.74
	30	27.121	44.52	58.42	58.22	52.524	61.27	49.457	9.22	54.050	10.99
Май	10	27.501	46.41	59.10	60.01	52.814	62.59	49.760	10.90	54.429	12.78
	20	27.851	48.78	59.70	62.28	53.093	64.08	50.049	12.94	54.781	15.05
	30	28.160	51.53	60.21	64.98	53.354	65.70	50.315	15.28	55.097	17.72
Июнь	9	28.420	54.57	60.62	68.00	53.590	67.40	50.553	17.83	55.369	20.69
	19	28.626	57.81	60.90	71.26	53.798	69.10	50.757	20.52	55.589	23.89
	29	28.771	61.16	61.06	74.67	53.972	70.77	50.922	23.27	55.752	27.22
Июль	9	28.853	64.54	61.09	78.12	54.107	72.37	51.043	26.01	55.855	30.59
	18	28.869	67.85	60.99	81.53	54.202	73.84	51.119	28.67	55.894	33.92
	28	28.820	71.01	60.76	84.83	54.252	75.17	51.147	31.18	55.870	37.13
Авг.	7	28.707	73.96	60.41	87.94	54.258	76.33	51.128	33.50	55.783	40.14
	17	28.534	76.63	59.94	90.78	54.223	77.30	51.064	35.57	55.636	42.88
	27	28.307	78.96	59.37	93.30	54.149	78.08	50.959	37.35	55.436	45.31
Сент.	6	28.033	80.90	58.72	95.44	54.041	78.65	50.816	38.81	55.188	47.36
	16	27.722	82.41	57.99	97.15	53.905	79.02	50.644	39.93	54.901	48.99
	26	27.383	83.44	57.21	98.39	53.750	79.19	50.451	40.67	54.586	50.17
Окт.	6	27.029	83.98	56.39	99.12	53.585	79.15	50.245	41.03	54.253	50.86
	16	26.672	84.01	55.56	99.32	53.418	78.92	50.036	40.99	53.914	51.04
	26	26.323	83.50	54.74	98.97	53.260	78.49	49.834	40.55	53.581	50.69
Нояб.	5	25.996	82.46	53.96	98.07	53.119	77.87	49.648	39.70	53.266	49.82
	15	25.701	80.91	53.23	96.63	53.004	77.06	49.486	38.46	52.979	48.43
	25	25.449	78.87	52.57	94.67	52.920	76.08	49.356	36.85	52.731	46.55
Дек.	5	25.248	76.39	52.00	92.23	52.873	74.94	49.263	34.90	52.530	44.21
	15	25.106	73.52	51.55	89.38	52.865	73.66	49.211	32.66	52.384	41.48
	25	25.028	70.36	51.23	86.19	52.897	72.27	49.203	30.20	52.297	38.43
	35	25.016	67.00	51.05	82.76	52.969	70.83	49.239	27.58	52.273	35.17
Ср. место		26.330	65.65	56.90	80.26	52.096	71.50	49.036	26.33	53.458	32.21
Eichelb.		-83	+56	-81	+22	-35	+60	-54	+34	-97	+41

День	474) 8 Cygni. VII 14		476) 6 Cygni. VII 16		478) 15 Cygni. VII 17		479) 2 Cygni. VII 18		480) γ Aquilae. VII 18	
	h m	o	h m	o	h m	o	h m	o	h m	o
1928	19 29	+34 17	19 34	+50 2	19 41	+37 10	19 42	+44 56	19 42	+10 25
Янв. 1	3.375	53.49	27.979	71.62	38.382	44.34	40.997	73.65	47.941	67.13
11	3.422	50.58	27.987	68.32	38.412	41.39	41.008	70.49	48.006	65.31
21	3.517	47.65	28.056	64.96	38.489	38.40	41.074	67.27	48.108	63.50
31	3.656	44.81	28.184	61.68	38.611	35.48	41.192	64.10	48.245	61.77
Февр. 10	3.834	42.16	28.368	58.59	38.777	32.74	41.361	61.12	48.413	60.20
20	4.051	39.84	28.605	55.81	38.982	30.29	41.576	58.48	48.610	58.85
Март 1	4.298	37.92	28.887	53.46	39.223	28.23	41.833	56.15	48.832	57.78
11	4.574	36.46	29.209	51.61	39.495	26.63	42.126	54.35	49.077	57.05
21	4.872	35.54	29.562	50.34	39.793	25.56	42.449	53.10	49.341	56.69
31	5.187	35.16	29.939	49.69	40.111	25.06	42.795	52.45	49.620	56.73
Апр. 10	5.512	35.35	30.329	49.67	40.442	25.13	43.156	52.41	49.911	57.16
20	5.840	36.10	30.724	50.27	40.779	25.77	43.523	52.97	50.209	57.96
30	6.167	37.35	31.114	51.47	41.116	26.95	43.889	54.41	50.508	59.11
Май 10	6.482	39.09	31.489	53.21	41.444	28.61	44.244	55.79	50.804	60.56
20	6.781	41.23	31.838	55.43	41.756	30.71	44.579	57.93	51.090	62.26
30	7.055	43.68	32.155	58.06	42.044	33.16	44.887	60.47	51.360	64.15
Июнь 9	7.299	46.39	32.430	60.99	42.302	35.89	45.159	63.31	51.608	66.16
19	7.506	49.26	32.656	64.16	42.523	38.81	45.388	66.38	51.828	68.23
29	7.669	52.22	32.829	67.47	42.701	41.84	45.569	69.59	52.014	70.31
Июль 9	7.788	55.17	32.942	70.83	42.831	44.91	45.697	72.86	52.162	72.34
18	7.858	58.06	32.994	74.15	42.912	47.93	45.769	76.09	52.268	74.26
28	7.878	60.82	32.984	77.37	42.941	50.83	45.784	79.22	52.331	76.05
Авг. 7	7.846	63.38	32.913	80.39	42.918	53.55	45.742	82.18	52.349	77.66
17	7.769	65.68	32.783	83.16	42.846	56.03	45.645	84.89	52.324	79.06
27	7.647	67.68	32.600	85.63	42.728	58.22	45.498	87.30	52.259	80.23
Сент. 6	7.487	69.36	32.370	87.72	42.569	60.07	45.307	89.36	52.158	81.16
16	7.296	70.65	32.101	89.41	42.375	61.55	45.078	91.03	52.027	81.84
26	7.077	71.54	31.803	90.65	42.157	62.63	44.821	92.27	51.873	82.26
Окт. 6	6.854	72.01	31.486	91.41	41.923	63.27	44.546	93.06	51.706	82.42
16	6.622	72.04	31.162	91.66	41.683	63.47	44.263	93.35	51.535	82.31
26	6.397	71.62	30.843	91.40	41.446	63.20	43.983	93.15	51.368	81.94
Нояб. 5	6.189	70.77	30.539	90.62	41.222	62.47	43.746	92.45	51.215	81.31
15	6.005	69.46	30.262	89.32	41.021	61.28	43.473	91.25	51.084	80.43
25	5.853	67.75	30.021	87.52	40.852	59.66	43.263	89.57	50.981	79.31
Дек. 5	5.741	65.66	29.826	85.27	40.719	57.64	43.093	87.45	50.911	77.97
15	5.669	63.24	29.682	82.62	40.629	55.26	42.969	84.94	50.878	76.44
25	5.646	60.59	29.594	79.65	40.584	52.59	42.895	82.11	50.883	74.77
35	5.668	57.73	29.566	76.45	40.586	49.73	42.875	79.06	50.928	73.00
Ср. место	5.728	55.90	30.605	72.59	40.754	46.16	43.494	74.72	50.202	71.64
Eichelb.	-76	+32	-20	+73	-55	-27	-96	+69	-37	+58

День	481) δ Sagittae		482) α Aquilae ¹⁾		483) ε Draconis		484) γ Aquilae		485) ζ Aquilae	
	VII 18		VII 19		VII 19		VII 19		VII 20	
	h m	$^{\circ}$	h m	$^{\circ}$	h m	$^{\circ}$	h m	$^{\circ}$	h m	$^{\circ}$
1928	19 44	+18 21	19 47	+ 8 40	19 48	+70 4	19 48	+0 48	19 51	+6 13
Янв. 1	8.359	16.04	13.971	32.08	21.71	65.53	46.058	64.88	44.321	27.40
11	8.415	13.83	14.037	30.38	21.56	62.14	46.127	63.61	44.382	25.83
21	8.509	11.62	14.140	28.70	21.53	58.62	46.230	62.36	44.479	24.27
31	8.639	9.49	14.277	27.10	21.63	55.11	46.367	61.19	44.610	22.78
Февр. 10	8.803	7.52	14.445	25.65	21.84	51.73	46.535	60.15	44.772	21.44
20	8.997	5.80	14.642	24.41	22.16	48.62	46.731	59.30	44.962	20.30
Март 1	9.219	4.40	14.864	23.45	22.58	45.89	46.951	58.68	45.178	19.41
11	9.465	3.39	15.108	22.82	23.09	43.65	47.193	58.33	45.417	18.83
21	4.732	2.80	15.372	22.55	23.67	41.97	47.455	58.28	45.676	18.60
31	10.015	2.66	15.651	22.65	24.30	40.91	47.733	58.53	45.952	18.71
Апр. 10	10.310	2.97	15.942	23.13	24.96	40.50	48.023	59.09	46.240	19.18
20	10.613	3.73	16.240	23.97	25.64	40.74	48.321	59.94	46.537	19.99
30	10.917	4.91	16.540	25.14	26.30	41.62	48.622	61.04	46.837	21.11
Май 10	11.216	6.44	16.837	26.59	26.93	43.10	48.921	62.36	47.135	22.49
20	11.505	8.29	17.125	28.27	27.51	45.11	49.212	63.85	47.425	24.09
30	11.776	10.38	17.397	30.13	28.02	47.59	49.489	65.46	47.701	25.85
Июнь 9	12.024	12.65	17.648	32.10	28.45	50.45	49.745	67.12	47.957	27.71
19	12.243	15.03	17.871	34.13	28.79	53.62	49.975	68.79	48.186	29.62
29	12.427	17.45	18.060	36.15	29.03	56.99	50.173	70.43	48.382	31.51
Июль 9	12.571	19.84	18.212	38.11	29.16	60.48	50.333	71.98	48.541	33.34
19 ^{*)}	12.672	22.15	18.322	39.97	29.18	64.00	50.452	73.42	48.659	35.06
28	12.728	24.32	18.389	41.68	29.09	67.47	50.528	74.71	48.734	36.64
Авг. 7	12.739	26.32	18.412	43.21	28.89	70.81	50.560	75.84	48.764	38.05
17	12.706	28.09	18.391	44.54	28.59	73.94	50.548	76.78	48.751	39.26
27	12.632	29.61	18.330	45.65	28.19	76.79	50.497	77.53	48.697	40.26
Сент. 6	12.520	30.85	18.233	46.52	27.71	79.30	50.408	78.08	48.606	41.04
16	12.379	31.80	18.106	47.15	27.16	81.43	50.289	78.44	48.485	41.59
26	12.215	32.44	17.956	47.53	26.55	83.10	50.147	78.61	48.340	41.91
Окт. 6	12.036	32.76	17.793	47.66	25.90	84.29	49.990	78.59	48.181	42.00
16	11.853	32.75	17.625	47.54	25.22	84.97	49.828	78.40	48.015	41.87
26	11.674	32.41	17.461	47.17	24.54	85.10	49.670	78.03	47.853	41.51
Нояб. 5	11.508	31.73	17.312	46.57	23.88	84.67	49.525	77.50	47.704	40.93
15	11.363	30.74	17.183	45.73	23.25	83.67	49.401	76.81	47.574	40.14
25	11.247	29.45	17.082	44.67	22.67	82.12	49.305	75.97	47.472	39.15
Дек. 5	11.164	27.87	17.015	43.41	22.16	80.06	49.241	74.99	47.402	37.98
15	11.118	26.05	16.984	41.98	21.74	77.52	49.214	73.89	47.368	36.65
25	11.112	24.04	16.991	40.41	21.41	74.58	49.224	72.70	47.370	35.20
35	11.145	21.90	17.037	38.76	21.20	71.36	49.272	71.46	47.411	33.67
Ср. место	10.616	19.72	16.233	36.93	25.57	64.39	48.343	70.52	46.579	32.47
Eichelb.	-39	+29	-37	+66	-107	+34	-46	+35	-19	+48

¹⁾ Параллакс ($0''24$) учтен. ^{*)} Для звезды 481): июль 18.

День.	488) γ Sagittae. VII 21		489) 15 Vulpeculae. VII 22		492) ♀ Aquilae. VII 24		494) ♂ Cygni. VII 25		493) x Cephei. VII 25	
	h m	°	h m	°	h m	°	h m	°	h m	°
1928	19 55	+19 17	19 58	+27 32	20 7	-1 2	20 10	+46 35	20 11	+77 29
	s	"	s	"	s	"	s	"	s	"
Янв.	1 31.038	39.76	5.806	70.29	33.179	16.83	59.773	49.21	15.45	46.10
	11 31.081	37.56	5.835	67.76	33.231	17.94	59.742	46.16	15.06	42.91
	21 31.162	35.33	5.904	65.17	33.319	19.02	59.765	43.00	14.85	39.52
	31 31.280	33.18	6.013	62.63	33.439	20.03	59.842	39.84	14.83	36.06
Февр.	10 31.432	31.18	6.160	60.27	33.591	20.91	59.972	36.79	15.00	32.65
	20 31.616	29.42	6.344	58.14	33.772	21.62	60.153	33.99	15.36	29.43
Март	1 31.829	27.97	6.557	56.35	33.978	22.10	60.381	31.53	15.90	26.52
	11 32.068	26.90	6.801	54.97	34.209	22.34	60.652	29.51	16.59	24.03
	21 32.329	26.25	7.070	54.08	34.461	22.30	60.959	28.01	17.40	22.05
	31 32.608	26.06	7.359	53.69	34.731	21.97	61.296	27.09	18.31	20.65
Апр.	10 32.902	26.33	7.662	53.80	35.017	21.34	61.655	26.76	19.29	19.88
	20 33.205	27.04	7.976	54.41	35.314	20.45	62.029	27.05	20.30	19.75
	30 33.511	28.18	8.293	55.52	35.617	19.32	62.407	27.98	21.30	20.25
Май	10 33.815	29.70	8.608	57.09	35.921	17.99	62.780	29.36	22.27	21.36
	20 34.109	31.54	8.912	59.01	36.220	16.50	63.140	31.30	23.17	23.05
	30 34.388	33.64	9.199	61.26	36.507	14.90	63.476	33.67	23.97	25.23
Июнь	9 34.644	35.93	9.461	63.74	36.776	13.25	63.780	36.40	24.66	27.84
	19 34.872	38.34	9.693	66.41	37.021	11.60	64.044	39.41	25.21	30.81
	29 35.066	40.81	9.888	69.16	37.235	9.99	64.261	42.60	25.61	34.05
Июль	9 35.220	43.27	10.039	71.94	37.414	8.47	64.426	45.90	25.84	37.46
	19 35.332	45.65	10.147	74.68	37.552	7.08	64.535	49.23	25.90	40.97
	28 35.398	47.90	10.207	77.29	37.647	5.83	64.586	52.50	25.80	44.49
Авг.	7 35.419	49.98	10.221	79.75	37.698	4.76	64.578	55.64	25.53	47.95
	17 35.395	51.85	10.185	81.96	37.704	3.87	64.512	58.58	25.09	51.26
	27 35.329	53.47	10.108	83.94	37.669	3.17	64.392	61.26	24.50	54.35
Сент.	6 35.225	54.81	9.990	85.60	37.595	2.67	64.223	63.62	23.78	57.16
	16 35.090	55.86	9.838	86.94	37.488	2.35	64.012	65.62	22.94	59.62
	26 34.930	56.59	9.663	87.94	37.356	2.21	63.768	67.20	22.00	61.69
Окт.	6 34.754	57.00	9.469	88.54	37.207	2.24	63.499	68.35	20.98	63.30
	16 34.572	57.07	9.267	88.76	37.050	2.43	63.217	69.02	19.91	64.42
	26 34.391	56.81	9.067	88.57	36.894	2.77	62.931	69.19	18.81	65.00
Нояб.	5 34.222	56.21	8.878	88.01	36.747	3.25	62.652	68.86	17.71	65.04
	15 34.073	55.28	8.708	87.04	36.619	3.88	62.390	68.01	16.65	64.50
	25 33.950	54.05	8.565	85.68	36.516	4.63	62.155	66.66	15.64	63.39
Дек.	5 33.858	52.52	8.453	83.97	36.442	5.49	61.955	64.84	14.72	61.73
	15 33.802	50.73	8.377	81.94	36.403	6.46	61.796	62.59	13.91	59.56
	25 33.785	48.75	8.341	79.69	36.399	7.49	61.684	59.97	13.25	56.94
	35 33.806	46.62	8.345	77.17	36.433	8.57	61.623	57.08	12.74	53.95
Среднее место	33.277	43.27	8.072	72.77	35.438	10.57	62.257	49.01	20.82	43.19
Eichelb.	- 37	+103	- 37	+ 34	- 30	+ 45	- 116	+ 66	- 90	+ 2

День	495) 33 Cygni. VII 25			496) α^2 Cap- ricorni. VII 25			497) γ Cygni. VII 27			498) 41 Cygni. VII 29			499) δ Cephei. VII 29		
	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$
1928	20 11	+56	20	20 14	-12	46	20 19	+40	1	20 26	+30	7	20 28	+62	44
Янв. 1	40.715	50.10	1.341	17.38	36.272	30.77	24.972	36.73	19.55	68.62					
11	45.639	46.92	1.396	17.78	36.251	27.93	24.967	34.24	19.40	65.49					
21	40.634	43.59	1.486	18.13	36.278	24.98	25.004	31.65	19.33	62.16					
31	40.697	40.21	1.610	18.39	36.352	22.02	25.079	29.09	19.34	58.75					
Февр. 10	40.828	36.95	1.766	18.55	36.472	19.18	25.194	26.62	19.44	55.39					
20	41.025	33.90	1.951	18.57	36.636	16.56	25.348	24.38	19.63	52.20					
Март 1	41.285	31.21	2.163	18.44	36.842	14.26	25.537	22.44	19.89	49.31					
11	41.599	28.96	2.399	18.13	37.087	12.39	25.760	20.88	20.23	46.84					
21	41.960	27.24	2.657	17.63	37.366	11.01	26.013	19.77	20.63	44.87					
31	42.360	26.12	2.934	16.95	37.672	10.17	26.291	19.15	21.08	43.47					
Апр. 10	42.788	25.63	3.228	16.09	38.001	9.91	26.590	19.06	21.57	42.69					
20	43.230	25.78	3.534	15.08	38.345	10.22	26.905	19.50	22.08	42.55					
30	43.676	26.55	3.848	13.94	38.695	11.10	27.229	20.44	22.60	43.05					
Ма 10	44.113	27.90	4.164	12.71	39.045	12.51	27.554	21.85	23.12	44.16					
20	44.533	29.80	4.477	11.44	39.385	14.39	27.872	23.68	23.62	45.85					
30	44.919	32.17	4.779	10.16	39.706	16.68	28.177	25.86	24.08	48.04					
Июль 9	45.264	34.94	5.064	8.92	40.001	19.31	28.462	28.33	24.49	50.67					
19	45.556	38.04	5.326	7.76	40.263	22.20	28.719	31.00	24.85	53.66					
29	45.792	41.34	5.557	6.71	40.483	25.26	28.939	33.83	25.14	56.92					
Июль 9	45.966	44.77	5.752	5.80	40.657	28.42	29.122	36.72	25.34	60.37					
19	46.067	48.25	5.907	5.05	40.781	31.60	29.257	39.59	25.47	63.92					
28*)	46.098	51.69	6.018	4.46	40.851	34.72	29.346	42.39	25.52	67.48					
Авг. 7	46.059	55.04	6.082	4.04	40.868	37.71	29.386	45.05	25.48	70.98					
17	45.951	58.21	6.101	3.79	40.832	40.50	29.376	47.54	25.37	74.34					
27	45.777	61.11	6.076	3.70	40.745	43.05	29.321	49.75	25.17	77.48					
Сент. 6	45.547	63.70	6.010	3.75	40.612	45.29	29.224	51.70	24.90	80.33					
16	45.265	65.93	5.910	3.91	40.440	47.19	29.089	53.32	24.57	82.85					
26	44.943	67.74	5.782	4.16	40.236	48.70	28.925	54.61	24.19	84.96					
Окт. 6	44.590	69.08	5.635	4.48	40.009	49.79	28.737	55.50	23.76	86.62					
16	44.219	69.93	5.479	4.86	39.768	50.44	28.538	56.01	23.31	87.80					
26	43.842	70.24	5.323	5.27	39.523	50.62	28.336	56.10	22.84	88.44					
Нояб. 5	43.471	70.01	5.176	5.70	39.284	50.32	28.138	55.78	22.38	88.53					
15	43.118	69.23	5.047	6.14	39.061	49.54	27.955	55.06	21.92	88.05					
25	42.794	67.91	4.942	6.59	38.861	48.30	27.793	53.93	21.50	87.01					
Дек. 5	42.511	66.08	4.869	7.03	38.691	46.62	27.658	52.41	21.12	85.42					
15	42.277	63.78	4.830	7.47	38.558	44.53	27.555	50.57	20.78	83.32					
25	42.100	61.07	4.827	7.90	38.466	42.10	27.489	48.42	20.51	80.77					
35	41.985	58.04	4.862	8.31	38.419	39.40	27.463	46.05	20.32	77.85					
Среднее место	43.499	48.82	3.680	9.29	38.622	31.09	27.200	38.31	22.62	65.88					
Eichelb.	- 48	- 3	- 19	+ 28	- 41	+ 17	- 85	+ 40	- 88	+ 54					

*) Для звезд 498) и 499): июль 29.

День	500) ε Del- phini. VII 30		502) ζ Del- phini. VII 30		503) γ Del- phini m. VII 31		504) 29 Vul- peculae. VII 31		505) α Del- phini. VII 31		
	^{h m} 20 29	^o +11 3	^{h m} 20 31	^o +14 25	^{h m} 20 34	^o +14 20	^{h m} 20 35	^o +20 56	^{h m} 20 36	^o +15 39	
1928											
Янв.	1	44.233	22.04	54.360	24.66	8.204	32.80	16.154	47.57	15.471	21.08
	11	44.254	20.37	54.374	22.84	8.217	30.99	16.156	45.46	15.480	19.22
	21	44.309	18.69	54.424	20.98	8.265	29.15	16.194	43.31	15.524	17.33
	31	44.398	17.05	54.510	19.17	8.347	27.35	16.268	41.18	15.603	15.47
Февр.	10	44.520	15.53	54.627	17.46	8.463	25.67	16.378	39.16	15.716	13.71
	20	44.673	14.20	54.776	15.97	8.611	24.17	16.523	37.31	15.861	12.15
Март.	1	44.856	13.13	54.956	14.74	8.789	22.94	16.701	35.78	16.038	10.86
	11	45.066	12.37	55.165	13.82	8.996	22.03	16.911	34.58	16.243	9.89
	21	45.302	11.97	55.400	13.28	9.230	21.49	17.146	33.78	16.475	9.29
	31	45.560	11.94	55.657	13.15	9.487	21.35	17.407	33.41	16.732	9.10
Апр.	10	45.837	12.30	55.934	13.44	9.764	21.62	17.687	33.51	17.009	9.34
	20	46.129	13.04	56.227	14.11	10.057	22.30	17.986	34.08	17.302	9.99
	30	46.431	14.14	56.531	15.17	10.360	23.26	18.296	35.06	17.605	11.03
Май	10	46.736	15.56	56.837	16.58	10.667	24.77	18.609	36.46	17.913	12.44
	20	47.038	17.25	57.140	18.30	10.972	26.48	18.919	38.20	18.220	14.16
	30	47.331	19.15	57.435	20.27	11.268	28.44	19.219	40.25	18.517	16.13
Июнь	9	47.608	21.21	57.714	22.40	11.548	30.57	19.502	42.54	18.798	18.30
	19	47.862	23.36	57.969	24.66	11.804	32.83	19.761	44.99	19.056	20.59
	29	48.087	25.54	58.193	26.97	12.031	35.14	19.987	47.53	19.284	22.95
Июль	9	48.276	27.70	58.382	29.29	12.223	37.45	20.178	50.09	19.477	25.32
	19	48.425	29.78	58.532	31.52	12.375	39.69	20.327	52.63	19.630	27.63
	29	48.532	31.73	58.639	33.66	12.484	41.82	20.432	55.08	19.740	29.82
Авг.	7	48.594	33.52	58.700	35.62	12.548	43.79	20.490	57.37	19.805	31.87
	17	48.611	35.12	58.716	37.40	12.566	45.57	20.504	59.47	19.824	33.72
	27	48.586	36.50	58.689	38.96	12.541	47.12	20.472	61.34	19.800	35.35
Сент.	6	48.521	37.64	58.622	40.26	12.477	48.43	20.400	62.96	19.735	36.73
	16	48.421	38.52	58.521	41.30	12.377	49.48	20.291	64.29	19.635	37.84
	26	48.293	39.15	58.391	42.07	12.248	50.25	20.153	65.32	19.507	38.67
Окт.	6	48.146	39.52	58.241	42.54	12.099	50.73	19.994	66.03	19.357	39.21
	16	47.986	39.62	58.079	42.74	11.938	50.93	19.824	66.39	19.194	39.45
	26	47.824	39.46	57.914	42.65	11.773	50.84	19.646	66.40	19.028	39.39
Нояб.	5	47.668	39.04	57.754	42.25	11.613	50.46	19.475	66.08	18.866	39.03
	15	47.526	38.37	57.607	41.58	11.465	49.80	19.317	65.42	18.716	38.38
	25	47.404	37.46	57.481	40.63	11.338	48.87	19.174	64.43	18.586	37.44
Дек.	5	47.308	36.32	57.380	39.43	11.235	47.68	19.059	63.14	18.480	36.25
	15	47.242	34.99	57.308	38.01	11.162	46.27	18.974	61.55	18.404	34.82
	25	47.209	33.50	57.270	36.40	11.122	44.68	18.923	59.73	18.360	33.18
	35	47.211	31.89	57.265	34.65	11.116	42.95	18.905	57.72	18.350	31.40
Ср. место Eichelb.		46.397 - 50	26.72 + 71	56.515 - 35	28.76 +107	10.356 - 44	36.92 + 69	18.312 - 36	50.52 + 89	17.618 - 46	24.96 + 87

День	506) α Cygni. VIII 1			508) ε Cygni. VIII 2			510) γ^2 Del- phinii. VIII 2			509) ρ 332 VIII 2			511) η Cephei. VIII 2		
	h	m	°	h	m	°	h	m	°	h	m	°	h	m	°
1928	20	38	+45 0	20	43	+33 41	20	43	+15 51	20	43	+57 18	20	43	+61 33
Янв.	1	56.214	81.14	15.629	57.95	16.946	45.54	31.203	77.86	46.73	34.74				
	11	56.155	78.31	15.600	55.45	16.948	43.71	31.073	74.88	46.56	31.76				
	21	56.146	75.32	15.612	52.83	16.985	41.83	31.009	71.69	46.47	28.55				
	31	56.187	72.27	15.669	50.18	17.056	39.97	31.014	68.39	46.46	25.22				
Февр.	10	56.280	69.28	15.761	47.60	17.161	38.21	31.089	65.11	46.53	21.91				
	20	56.423	66.47	15.897	45.21	17.298	36.61	31.234	61.99	46.68	18.73				
	1	56.614	63.96	16.072	43.10	17.467	35.33	31.446	59.14	46.91	15.82				
Март	11	56.850	61.85	16.284	41.37	17.666	34.33	31.722	56.67	47.22	13.28				
	21	57.126	60.20	16.530	40.07	17.893	33.72	32.052	54.67	47.58	11.23				
	31	57.438	59.09	16.805	39.27	18.146	33.51	32.430	53.23	48.00	9.72				
	10	57.777	58.57	17.106	39.00	18.420	33.72	32.845	52.39	48.46	8.82				
	20	58.137	58.63	17.425	39.27	18.710	34.34	33.287	52.17	48.95	8.55				
	30	58.508	59.28	17.757	40.07	19.013	35.35	33.743	52.58	49.46	8.92				
Май	10	58.881	60.49	18.093	41.36	19.323	36.74	34.200	53.59	49.97	9.90				
	20	59.248	62.22	18.426	43.11	19.631	38.44	34.645	55.17	50.46	11.46				
	30	59.598	64.40	18.747	45.25	19.931	40.40	35.067	57.25	50.92	13.54				
Июнь	9	59.922	66.97	19.049	47.71	20.217	42.55	35.454	59.80	51.34	16.08				
	19	60.211	69.84	19.323	50.42	20.479	44.85	35.795	62.68	51.71	19.00				
	29	60.459	72.94	19.563	53.32	20.713	47.22	36.081	65.85	52.02	22.21				
Июль	9	60.659	76.19	19.762	56.31	20.912	49.59	36.304	69.23	52.26	25.65				
	19	60.806	79.50	19.916	59.33	21.071	51.91	36.461	72.73	52.42	29.20				
	29	60.897	82.80	20.021	62.31	21.188	54.13	36.547	76.25	52.50	32.80				
Авг.	7	60.930	86.01	20.076	65.17	21.259	56.20	36.560	79.73	52.50	36.37				
	17	60.906	89.05	20.081	67.86	21.285	58.09	36.502	83.08	52.42	39.82				
	27	60.827	91.88	20.038	70.33	21.267	59.75	36.375	86.23	52.27	43.08				
Сент.	6	60.698	94.42	19.950	72.52	21.208	61.17	36.185	89.12	52.04	46.08				
	16	60.525	96.64	19.822	74.41	21.115	62.31	35.939	91.69	51.75	48.75				
	26	60.315	98.47	19.662	75.94	20.990	63.18	35.645	93.87	51.41	51.05				
Окт.	6	60.076	99.88	19.476	77.09	20.844	63.76	35.314	95.62	51.03	52.92				
	16	59.819	100.84	19.275	77.84	20.685	64.04	34.955	96.89	50.61	54.30				
	26	59.553	101.33	19.066	78.17	20.520	64.02	34.581	97.65	50.17	55.17				
Нояб.	5	59.288	101.32	18.859	78.06	20.357	63.70	34.205	97.88	49.73	55.50				
	15	59.034	100.80	18.663	77.51	20.207	63.08	33.838	97.55	49.30	55.25				
	25	58.800	99.77	18.485	76.53	20.074	62.17	33.491	96.66	48.89	54.44				
Дек.	5	58.594	98.27	18.331	75.15	19.966	61.01	33.175	95.24	48.52	53.08				
	15	58.422	96.33	18.208	73.38	19.884	59.60	32.901	93.30	48.19	51.19				
	25	58.291	93.99	18.119	71.28	19.834	57.99	32.677	90.91	47.92	48.83				
	35	58.204	91.33	18.069	68.93	19.818	56.24	32.510	88.14	47.71	46.08				
Ср. место		58.602	80.10	17.845	58.57	19.074	49.36	33.935	74.99	49.68	31.35				
Eichelb.		- 62	+ 32	- 85	+ 42	- 69	+ 85	- 71	+ 19	- 44	+ 17				

День	513) λ Cygni m.		514) γ Cygni.		515) ξ Cygni.		516) γ Equulei.		517) ζ Cygni.	
	VIII 2		VIII 5		VIII 7		VIII 8		VIII 9	
	h	m	h	m	h	m	h	m	h	m
1928	20 44	+36 13	20 54	+40 52	21 2	+43 38	21 6	+9 50	21 9	+29 55
Янв. 1	33.926	30.63	26.977	81.29	16.354	24.88	48.358	20.69	50.147	49.84
11	33.889	28.05	26.916	78.66	16.273	22.26	48.348	19.24	50.104	47.61
21	33.894	25.34	26.899	75.86	16.238	19.44	48.369	17.73	50.082	45.25
31	33.942	22.59	26.928	72.99	16.250	16.53	48.421	16.28	50.120	42.83
Февр. 10	34.033	19.91	27.003	70.15	16.312	13.59	48.506	14.90	50.187	40.46
20	34.167	17.41	27.124	67.48	16.425	10.84	48.623	13.71	50.293	38.23
Март 1	34.342	15.19	27.291	65.07	16.585	8.31	48.773	12.72	50.437	36.25
11	34.555	13.34	27.501	63.02	17.790	6.14	48.953	12.04	50.618	34.59
21	34.803	11.95	27.751	61.42	17.039	4.42	49.160	11.66	50.834	33.32
31	35.083	11.06	28.036	60.32	17.327	3.17	49.394	11.67	51.083	32.51
Апр. 10	35.388	10.70	28.351	59.77	17.647	2.48	49.654	12.02	51.360	32.19
20	35.714	10.90	28.688	59.79	17.991	2.37	49.935	12.73	51.661	32.38
30	36.051	11.64	29.040	60.38	18.353	2.85	50.231	13.81	51.979	33.06
Май 10	36.393	12.89	29.399	61.51	18.725	3.89	50.537	15.18	52.307	34.22
20	36.732	14.61	29.755	63.14	19.095	5.43	50.845	16.84	52.637	35.82
30	37.059	16.75	30.099	65.22	19.452	7.44	51.152	18.69	52.962	37.80
Июнь 9	37.365	19.22	30.423	67.67	19.789	9.85	51.449	20.72	53.272	40.10
19	37.643	21.96	30.718	70.44	20.096	12.58	51.725	22.84	53.561	42.66
29	37.885	24.90	30.976	73.43	20.368	15.58	51.977	25.01	53.820	45.40
Июль 9	38.086	27.95	31.190	76.57	20.596	18.77	52.199	27.18	54.043	48.25
19	38.240	31.04	31.356	79.78	20.772	22.03	52.380	29.26	54.225	51.15
29	38.345	34.09	31.470	82.99	20.896	25.32	52.523	31.24	54.361	54.01
Авг. 7 *)	38.398	37.04	31.530	86.12	20.964	28.55	52.621	33.05	54.450	56.78
17	38.399	39.82	31.536	89.10	20.974	31.67	52.676	34.69	54.489	59.41
27	38.351	42.39	31.489	91.88	20.931	34.58	52.687	36.11	54.481	61.83
Сент. 6	38.257	44.68	31.393	94.40	20.837	37.24	52.655	37.32	54.428	64.01
16	38.123	46.65	31.254	96.61	20.698	39.63	52.596	38.29	54.335	65.90
26	37.955	48.27	31.078	98.46	20.519	41.63	52.485	39.00	54.207	67.48
Окт. 6	37.761	49.50	30.873	99.92	20.310	43.23	52.361	39.45	54.052	68.70
16	37.550	50.31	30.649	100.95	20.075	44.42	52.220	39.76	53.878	69.56
26	37.332	50.69	30.413	101.52	19.830	45.15	52.072	39.61	53.693	70.02
Нояб. 5	37.114	50.62	30.176	101.63	19.581	45.40	51.923	39.33	53.505	70.09
15	36.907	50.10	29.947	101.25	19.337	45.15	51.780	38.82	53.323	69.75
25	36.717	49.12	29.734	100.39	19.109	44.40	51.650	38.09	53.153	69.01
Дек. 5	36.553	47.72	29.545	99.07	18.900	43.16	51.542	37.12	53.002	67.88
15	36.419	45.92	29.385	97.32	18.720	41.48	51.458	36.00	52.876	66.39
25	36.320	43.77	29.260	95.18	18.577	39.37	51.403	34.70	52.779	64.57
35	36.260	41.35	29.175	92.73	18.472	36.94	51.376	33.31	52.715	62.50
Ср. место	36.166	30.79	29.249	80.37	18.645	23.24	50.412	25.73	52.252	50.56
Eichelb.	- 41	+ 34	- 33	+ 92	- 81	+ 64	- 12	+ 66	- 59	+ 54

*) Для звезд 516) и 517): август 8.

День	518) τ Cygni VIII 9		519) α Equulei VIII 9		520) σ Cygni. VIII 10		521) ν Cygni. VIII 10		522) α Cephei. VIII 10		
	^h ^m	^o [']	^h ^m	^o [']	^h ^m	^o [']	^h ^m	^o [']	^h ^m	^o [']	
1928	21 11	+37 43	21 12	+ 4 56	21 14	+39 5	21 14	+34 35	21 16	+62 16	
Янв.	1	52.744	74.77	11.471	51.03	32.983	32.63	55.283	36.70	48.91	53.38
	11	52.676	72.36	11.462	49.81	32.906	30.23	55.220	34.38	48.69	50.67
	21	52.647	69.75	11.483	48.59	32.870	27.59	55.196	31.88	48.53	47.67
	31	52.659	67.08	11.535	47.42	32.877	24.84	55.211	29.31	48.45	44.46
Февр.	10	52.715	64.41	11.619	46.35	32.929	22.13	55.267	26.76	48.46	41.18
	20	52.816	61.87	11.733	45.45	33.026	19.54	55.365	24.34	48.54	37.95
Март	1	52.961	59.56	11.878	44.76	33.167	17.15	55.504	22.14	48.71	34.90
	11	53.148	57.57	12.053	44.33	33.351	15.10	55.683	20.28	48.96	32.16
	21	53.374	56.00	12.257	44.20	33.578	13.46	55.903	18.81	49.28	29.82
	31	53.637	54.93	12.489	44.38	33.841	12.30	56.156	17.80	49.67	27.99
Апр.	10	53.933	54.37	12.745	44.90	34.137	11.66	56.440	17.31	50.11	26.72
	20	54.252	54.35	13.022	45.74	34.461	11.57	56.750	17.34	50.59	26.05
	30	54.591	54.87	13.315	46.89	34.802	12.04	57.080	17.91	51.10	26.00
Май	10	54.940	55.91	13.620	48.80	35.155	13.03	57.418	18.97	51.62	26.58
	20	55.289	57.45	13.930	49.94	35.509	14.54	57.760	20.51	52.14	27.75
	30	55.633	59.43	14.237	51.76	35.857	16.48	58.097	22.46	52.64	29.48
Июнь	9	55.961	61.77	14.535	53.69	36.189	18.80	58.417	24.75	53.11	31.70
	19	56.264	64.44	14.816	55.69	36.496	21.45	58.717	27.36	53.53	34.36
	29	56.535	67.32	15.073	57.70	36.771	24.34	58.985	30.18	53.90	37.37
Июль	9	56.767	70.37	15.300	59.66	37.007	27.40	59.216	33.14	54.20	40.66
	19	56.953	73.52	15.490	61.54	37.197	30.55	59.403	36.17	54.43	44.14
	29	57.089	76.66	15.641	63.28	37.336	33.72	59.544	39.21	54.58	47.73
Авг.	8	57.175	79.73	15.748	64.86	37.424	36.84	59.635	42.16	54.65	51.35
	17	57.208	82.68	15.811	66.24	37.458	39.83	59.675	44.99	54.63	54.92
	27	57.190	85.44	15.830	67.42	37.441	42.65	59.666	47.65	54.54	58.37
Сент.	6	57.125	87.97	15.807	68.37	37.375	45.23	59.610	50.04	54.37	61.61
	16	57.015	90.21	15.747	69.10	37.264	47.52	59.513	52.16	54.14	64.58
	26	56.868	92.10	15.655	69.60	37.115	49.46	59.378	53.94	53.85	67.22
Окт.	6	56.692	93.62	15.538	69.88	36.937	51.04	59.213	55.38	53.50	69.48
	16	56.494	94.75	15.404	69.95	36.735	52.22	59.029	56.42	53.11	71.30
	26	56.284	95.45	15.261	69.81	36.520	52.97	58.832	57.05	52.69	72.62
Нояб.	5	56.069	95.70	15.117	69.48	36.299	53.27	58.629	57.25	52.26	73.41
	15	55.858	95.50	14.979	68.97	36.082	53.09	58.432	57.00	51.83	73.64
	25	55.659	94.83	14.855	68.28	35.877	52.44	58.246	56.34	51.40	73.29
Дек.	5	55.479	93.70	14.750	67.43	35.689	51.34	58.078	55.24	51.00	72.38
	15	55.323	92.15	14.668	66.45	35.526	49.80	57.934	53.75	50.63	70.91
	25	55.200	90.23	14.613	65.36	35.395	47.88	57.819	51.89	50.31	68.92
	35	55.109	88.01	14.588	64.19	35.298	45.63	57.737	49.73	50.05	66.48
Ср. место Echelb.		54.917 - 19	73.89 + 56	13.514 - 39	57.17 + 43	35.163 - 50	31.43 + 50	57.411 - 123	36.37 + 136	51.76 - 98	48.31 + 5

День	523) γ Pegasi. VIII 11		525) ζ Capri- corni. VIII 12		526) β Serphei. VIII 13		527) β Aqua- rii. VIII 13		528) ρ Cygni. VIII 14		
	h	m	h	m	h	m	h	m	h	m	
1928	21 18	+19 29	21 22	-22 43	21 27	+70 14	21 27	- 5 53	21 31	+45 16'	
Иян.	1	43.325	40.96	31.419	39.50	40.88	46.32	44.169	28.65	14.025	25.04
	11	43.292	39.15	31.412	39.27	40.50	43.74	44.154	29.29	13.909	22.63
	21	43.291	37.25	31.437	38.89	40.22	40.81	44.169	29.88	13.835	19.95
	31	43.324	35.34	31.495	38.37	40.04	37.62	44.213	30.37	13.805	17.10
Февр.	10	43.390	33.49	31.587	37.70	39.97	34.31	44.288	30.74	13.826	14.23
	20	43.490	31.79	31.711	36.88	40.02	31.00	44.394	30.95	13.899	11.42
Март.	1	43.625	30.32	31.867	35.90	40.19	27.81	44.530	30.97	14.022	8.80
	11	43.794	29.14	32.054	34.79	40.48	24.89	44.695	30.77	14.195	6.46
	21	43.994	28.31	32.272	33.54	40.87	22.33	44.891	30.34	14.417	4.53
	31	44.225	27.89	32.519	32.16	41.35	20.24	45.115	29.66	14.682	3.06
Апр.	10	44.484	27.89	32.792	30.69	41.91	18.70	45.365	28.73	14.988	2.11
	20	44.766	28.33	33.089	29.14	42.53	17.75	45.638	27.58	15.325	1.72
	30	45.065	29.18	33.406	27.56	43.19	17.42	45.934	26.22	15.688	1.91
Май	10	45.377	30.44	33.736	25.98	43.87	17.71	46.237	24.70	16.065	2.65
	20	45.694	32.06	34.074	24.45	44.55	18.62	46.552	23.06	16.447	3.93
	30	46.008	33.98	34.413	23.00	45.21	20.11	46.867	21.34	16.825	5.69
Июнь	9	46.311	36.15	34.744	21.69	45.82	22.12	47.176	19.59	17.188	7.91
	19	46.597	38.51	35.061	20.55	46.38	24.61	47.471	17.87	17.524	10.50
	29	46.857	40.98	35.355	19.60	46.86	27.49	47.744	16.22	17.828	13.39
Июль	9	47.085	43.51	35.619	18.88	47.25	30.69	47.990	14.68	18.090	16.47
	19	47.276	46.03	35.845	18.40	47.55	34.13	48.201	13.30	18.305	19.71
	29	47.426	48.49	36.030	18.15	47.74	37.73	48.372	12.09	18.467	23.06
Авг.	8	47.530	50.83	36.169	18.15	47.83	41.41	48.501	11.09	18.574	26.37
	17	47.589	53.00	36.259	18.36	47.81	45.08	48.586	10.29	18.623	29.60
	27	47.603	54.97	36.301	18.77	47.68	48.67	48.626	9.70	18.615	32.69
Сент.	6	47.575	56.71	36.296	19.34	47.45	52.10	48.623	9.32	18.555	35.58
	16	47.507	58.18	36.249	20.03	47.13	55.30	48.581	9.13	18.446	38.20
	26	47.406	59.37	36.164	20.80	46.72	58.20	48.505	9.12	18.295	40.50
Окт.	6	47.279	60.26	36.050	21.60	46.24	60.74	48.402	9.26	18.107	42.44
	16	47.132	60.84	35.914	22.39	45.70	62.85	48.280	9.54	17.890	43.97
	26	46.975	61.10	35.766	23.13	45.11	64.48	48.145	9.92	17.655	45.04
Нояб.	5	46.815	61.04	35.615	23.79	44.49	65.59	48.008	10.39	17.410	45.63
	15	46.660	60.66	35.469	24.34	43.87	66.13	47.875	10.93	17.162	45.74
	25	46.516	59.97	35.338	24.76	43.24	66.09	47.753	11.53	16.923	45.35
Дек.	5	46.390	58.98	35.226	25.04	42.64	65.45	47.648	12.17	16.698	44.46
	15	46.286	57.71	35.140	25.17	42.08	64.22	47.565	12.83	16.498	43.08
	25	46.207	56.21	35.083	25.16	41.57	62.44	47.508	13.49	16.325	41.27
	35	46.158	54.51	35.058	25.00	41.13	60.16	47.478	14.14	16.184	39.07
Ср. место Eichelb.		45.348 - 40	43.80 + 73	33.605 - 33	26.99 + 50	44.32 - 66	39.79 + 59	46.190 - 19	19.77 + 48	16.240 - 34	22.10 + 41

День	529) 72 Cygni. VIII 14			532) ε Pegasi. VIII 17			531) 11 Cephei. VIII 17			533) x Pegasi m. VIII 17			534) ν Cephei VIII 17		
	h	m	°	h	m	°	h	m	°	h	m	°	h	m	°
1928	21 31	+38 12	21 40	+9 32	21 40	+70 58	21 41	+25 18	21 43	+60 46					
Янв.	1	47.844	39.01	37.048	33.42	49.00	53.89	21.039	46.36	19.63	83.18				
	11	47.756	36.72	37.012	32.11	48.57	51.48	20.978	44.49	19.38	80.74				
	21	47.706	34.22	37.003	30.76	48.24	48.67	20.947	42.47	19.20	77.95				
	31	47.695	31.60	37.024	29.42	48.02	45.58	20.949	40.38	19.08	74.92				
Февр.	10	47.726	28.98	37.076	28.17	47.91	42.32	20.986	38.32	19.04	71.75				
	20	47.802	26.44	37.159	27.06	47.92	39.02	21.058	36.36	19.07	68.57				
Март	1	47.923	24.08	37.274	26.15	48.06	35.82	21.168	34.60	19.18	65.51				
	11	48.087	22.04	37.422	25.50	48.32	32.84	21.315	33.12	19.38	62.70				
	21	48.295	20.36	37.602	25.15	48.69	30.20	21.499	31.99	19.64	60.25				
	31	48.542	19.14	37.812	25.13	49.16	27.99	21.717	31.25	19.98	58.24				
Апр.	10	48.825	18.43	38.051	25.47	49.71	26.31	21.967	30.96	20.37	56.74				
	20	49.136	18.25	38.316	26.16	50.34	25.20	22.245	31.13	20.81	55.84				
	30	49.471	18.59	38.602	27.19	51.01	24.70	22.546	31.75	21.29	55.53				
Май	10	49.818	19.48	38.903	28.53	51.71	24.82	22.862	32.82	21.78	55.84				
	20	50.174	20.85	39.214	30.15	52.42	25.56	23.187	34.29	22.29	56.74				
	30	50.526	22.69	39.527	32.00	53.10	26.89	23.513	36.13	22.79	58.22				
Июнь	9	50.864	24.91	39.834	34.02	53.75	28.75	23.830	38.27	23.26	60.26				
	19	51.182	27.48	40.128	36.15	54.35	31.10	24.132	40.65	23.70	62.64				
	29	51.471	30.29	40.401	38.34	54.87	33.87	24.410	43.22	24.10	65.48				
Июль	9	51.723	33.30	40.647	40.52	55.31	36.98	24.659	45.90	24.44	68.63				
	19	51.930	36.40	40.858	42.66	55.65	40.36	24.871	48.62	24.71	72.00				
	29	52.092	39.54	41.032	44.69	55.89	43.93	25.041	51.33	24.91	75.58				
Авг.	8	52.200	42.64	41.163	46.57	56.01	47.61	25.166	53.96	25.03	79.15				
	17	52.259	45.66	41.251	48.28	56.03	51.31	25.245	56.46	25.08	82.76				
	27	52.265	48.50	41.295	49.78	55.94	54.96	25.278	58.78	25.05	86.29				
Сент.	6	52.224	51.13	41.296	51.06	55.74	58.48	25.266	60.88	24.95	89.66				
	16	52.137	53.49	41.258	52.10	55.44	61.80	25.213	62.72	24.78	92.81				
	26	52.009	55.56	41.187	52.89	55.05	64.84	25.124	64.28	24.55	95.61				
Окт.	6	51.849	57.25	41.087	53.44	54.59	67.54	25.006	65.53	24.27	98.16				
	16	51.665	58.55	40.966	53.75	54.05	69.83	24.865	66.45	23.94	100.24				
	26	51.465	59.45	40.833	53.82	53.46	71.66	24.709	67.02	23.58	101.88				
Нояб.	5	51.256	59.89	40.693	53.66	52.84	72.98	24.546	67.24	23.19	103.01				
	15	51.049	59.89	40.555	53.27	52.20	73.74	24.383	67.09	22.80	103.59				
	25	50.846	59.41	40.425	52.67	51.55	73.91	24.227	66.58	22.40	103.60				
Дек.	5	50.660	58.48	40.309	51.87	50.92	73.48	24.083	65.72	22.02	103.04				
	15	50.494	57.14	40.211	50.89	50.32	72.46	23.957	64.54	21.66	101.89				
	25	50.356	55.39	40.136	49.76	49.78	70.87	23.854	63.06	21.34	100.23				
	35	50.250	53.30	40.086	48.52	49.30	68.76	23.778	61.33	21.06	98.07				
Ср. место		49.951	37.48	38.977	38.57	52.42	46.68	23.001	47.55	22.26	77.14				
Eichelb.		— 39	+ 28	— 42	+ 64	— 73	+ 48	— 58	+ 78	— 83	+ 27				

День	535) 81 π ² Cygni. VIII 17			537) α Aquari. rii. VIII 21			539) α Aquari. rii. VIII 22			540) γ Pegasi. VII 22			541) θ Pegasi. VIII 23		
	h	m	°	h	m	°	h	m	°	h	m	°	h	m	°
1928	21 44	+48 58		21 59	- 2 30		22 2	- 0 39		22 3	+24 59		22 6	+ 5 50	
Янв. 1	5.625	36.78	33.568	21.65	3.337	81.23	37.594	32.66	32.258	28.59					
11	5.476	34.43	33.527	22.41	3.294	82.05	37.517	30.94	32.207	27.51					
21	5.372	31.78	33.512	23.11	3.276	82.84	37.468	29.06	32.184	26.43					
31	5.315	28.93	33.524	23.73	3.285	83.56	37.450	27.09	32.182	25.37					
Февр. 10	5.311	26.00	33.564	24.25	3.323	84.17	37.464	25.12	32.211	24.40					
20	5.362	23.10	33.634	24.59	3.390	84.62	37.514	23.29	32.271	23.56					
Март 1	5.468	20.35	33.736	24.75	3.488	84.89	37.601	21.54	32.362	22.91					
11	5.631	17.87	33.869	24.67	3.618	84.92	37.725	20.03	32.485	22.50					
21	5.847	15.75	34.035	24.36	3.780	84.69	37.887	18.87	32.642	22.36					
31	6.113	14.08	34.232	23.78	3.974	84.21	38.087	18.09	32.832	22.52					
Апр. 10	6.423	12.92	34.460	22.93	4.199	83.44	38.321	17.73	33.053	23.00					
20	6.770	12.32	34.714	21.83	4.451	82.40	38.586	17.81	33.303	23.80					
30	7.147	12.30	34.992	20.48	4.728	81.11	38.877	18.34	33.578	24.91					
Май 10	7.542	12.85	35.289	18.93	5.023	79.59	39.189	19.30	33.872	26.30					
20	7.945	13.96	35.599	17.23	5.332	77.90	39.513	20.67	34.180	27.94					
30	8.345	15.59	35.915	15.40	5.647	76.07	39.842	22.41	34.494	29.77					
Июнь 9	8.731	17.68	36.230	13.52	5.961	74.16	40.167	24.46	34.808	31.74					
19	9.094	20.18	36.535	11.64	6.265	72.22	40.480	26.77	35.113	33.81					
29	9.422	23.02	36.823	9.77	6.553	70.30	40.773	29.27	35.401	35.91					
Июль 9	9.709	26.12	37.086	8.02	6.817	68.45	41.038	31.91	35.665	37.99					
19	9.946	29.39	37.317	6.38	7.050	66.73	41.270	34.60	35.898	40.01					
29	10.128	32.78	37.514	4.91	7.247	65.16	41.462	37.29	36.096	41.90					
Авг. 8	10.253	36.19	37.669	3.62	7.403	63.77	41.611	39.92	36.254	43.64					
18 ^{*)}	10.317	39.56	37.782	2.56	7.518	62.59	41.715	42.44	36.370	45.20					
27	10.323	42.81	37.850	1.72	7.588	61.63	41.774	44.80	36.442	46.55					
Сент. 6	10.271	45.87	37.876	1.09	7.616	60.89	41.788	46.95	36.471	47.67					
16	10.166	48.69	37.864	0.68	7.604	60.37	41.759	48.87	36.461	48.57					
26	10.014	51.21	37.812	0.47	7.556	60.07	41.694	50.51	36.415	49.23					
Окт. 6	9.822	53.38	37.733	0.44	7.478	59.96	41.597	51.86	36.339	49.67					
16	9.598	55.14	37.631	0.59	7.377	60.03	41.475	52.89	36.239	49.88					
26	9.350	56.46	37.514	0.87	7.259	60.25	41.335	53.59	36.123	49.89					
Нояб. 5	9.088	57.30	37.386	1.28	7.133	60.62	41.184	53.95	35.997	49.71					
15	8.821	57.63	37.259	1.79	7.006	61.11	41.029	53.96	35.869	49.34					
25	8.558	57.45	37.136	2.40	6.884	61.70	40.877	53.61	35.744	48.80					
Дек. 5	8.307	56.74	37.026	3.06	6.772	62.37	40.733	52.92	35.629	48.11					
15	8.075	55.53	36.930	3.78	6.675	63.11	40.603	51.91	35.528	47.28					
25	7.871	53.85	36.855	4.50	6.598	63.89	40.491	50.59	35.445	46.34					
35	7.701	51.74	36.801	5.24	6.542	64.69	40.402	49.02	35.383	45.32					
Ср. место	7.859	32.70	35.433	13.18	5.187	73.23	39.463	33.60	34.077	34.78					
Eichelb. .	- 36	+ 41	- 36	+ 16	- 18	+ 43	- 83	+ 77	- 46	+ 52					

*) Для Звезды 535): август 17.

День	549) β Pegasi VIII 26		550) β Lacertae. VIII 27		551) ζ^2 Aquarii. VIII 28		552) δ Cephei. VIII 28		553) α Lacertae VIII 29	
	h m	o	h m	o	h m	o	h m	o	h m	o
1928	22 17	+11 50	22 20	+51 51	22 25	- 0 23	22 26	+58 2	22 28	+49 54
Янв. 1	56.616	25.84	41.379	69.94	5.848	29.66	27.348	53.76	17.253	48.21
11	56.551	24.60	41.178	67.93	5.789	30.44	27.088	51.81	17.061	46.29
21	56.509	23.29	41.017	65.55	5.753	31.20	26.872	49.45	16.904	44.01
31	56.494	21.97	40.900	62.89	5.741	31.88	26.706	46.77	16.789	41.45
Февр. 10	56.507	20.70	40.835	60.06	5.756	32.46	26.600	43.85	16.721	38.71
20	56.551	19.54	40.826	57.17	5.799	32.89	26.563	40.85	16.706	35.91
Март 1	56.627	18.56	40.877	54.35	5.873	33.13	26.597	37.85	16.748	33.16
11	56.737	17.81	40.990	51.70	5.980	33.14	26.704	35.03	16.849	30.58
21	56.882	17.34	41.163	49.33	6.120	32.91	26.885	32.45	17.008	28.27
31	57.062	17.19	41.396	47.36	6.294	32.40	27.135	30.23	17.225	26.33
Апр. 10	57.275	17.39	41.683	45.84	6.502	31.63	27.449	28.47	17.495	24.83
20	57.519	17.95	42.017	44.83	6.739	30.58	27.823	27.22	17.812	23.84
30	57.790	18.85	42.391	44.38	7.005	29.27	28.241	26.53	18.170	23.39
Май 10	58.082	20.08	42.794	44.51	7.294	27.75	28.691	26.42	18.557	23.50
20	58.390	21.61	43.214	45.19	7.598	26.03	29.166	26.91	18.964	24.16
30	58.706	23.40	43.642	46.42	7.914	24.17	29.650	27.98	19.379	25.36
Июнь 9	59.022	25.39	44.063	48.15	8.231	22.24	30.121	29.56	19.792	27.06
19	59.330	27.54	44.468	50.34	8.542	20.24	30.576	31.64	20.190	29.20
29	59.623	29.77	44.845	52.92	8.840	18.27	31.001	34.16	20.564	31.73
Июль 9	59.893	32.04	45.184	55.82	9.118	16.39	31.384	37.00	20.903	34.58
19	60.133	34.29	45.477	58.97	9.367	14.60	31.714	40.14	21.200	37.68
29	60.338	36.46	45.717	62.30	9.584	12.96	31.985	43.51	21.446	40.96
Авг. 8	60.503	38.51	45.900	65.72	9.761	11.50	32.190	47.01	21.638	44.34
18	60.626	40.41	46.023	69.18	9.898	10.25	32.327	50.59	21.773	47.74
28 *)	60.706	42.11	46.084	72.58	9.990	9.22	32.394	54.16	21.848	51.11
Сент. 6	60.743	43.60	46.085	75.87	10.041	8.42	32.393	57.64	21.865	54.36
16	60.740	44.86	46.028	78.97	10.051	7.87	32.326	60.95	21.827	57.43
26	60.701	45.87	45.918	81.83	10.024	7.53	32.197	64.05	21.737	60.26
Окт. 6	60.631	46.63	45.762	84.38	9.967	7.39	32.011	66.86	21.602	62.81
16	60.536	47.15	45.566	86.57	9.883	7.43	31.780	69.30	21.427	65.00
26	60.423	47.41	45.337	88.35	9.780	7.63	31.510	71.36	21.221	66.79
Нояб. 5	60.298	47.44	45.085	89.67	9.667	7.97	31.209	72.96	20.991	68.14
15	60.168	47.22	44.817	90.50	9.546	8.43	30.886	74.04	20.744	69.01
25	60.040	46.78	44.543	90.82	9.426	8.99	30.550	74.58	20.490	69.38
Дек. 5	59.919	46.13	44.271	90.61	9.313	9.65	30.213	74.55	20.236	69.23
15	59.809	45.28	44.008	89.86	9.212	10.37	29.886	73.97	19.990	68.57
25	59.715	44.26	43.763	88.61	9.125	11.12	29.575	72.83	19.759	67.40
35	59.640	43.10	43.547	86.88	9.056	11.88	29.296	71.19	19.553	65.76
Ср. место Eichelb.	58.384 -46	30.30 +94	43.496 -46	64.03 +26	7.585 -91	21.58 +13	29.604 -28	46.45 -1	19.285 -84	42.46 +70

*) Для звезд 549) и 550): август 27.

День	555) 10 Lacertae VIII 31			557) ζ Pegasi. VIII 31			558) η Pegasi. IX 1			559) λ Pegasi. IX 1			560) μ Pegasi. IX 2		
	h	m	°	h	m	°	h	m	°	h	m	°	h	m	°
1928	22 35		+38 40	22 37		+10 27	22 39		+29 50	22 43		+23 10	22 46		+24 13
Янв. 1	59.795	33.27		50.547	13.05		35.717	39.58		1.976	69.50		29.882	14.64	
11	59.657	31.52		50.472	11.94		35.605	38.00		1.879	68.08		29.780	13.22	
21	59.545	29.49		50.417	10.76		35.517	36.20		1.802	66.49		29.700	11.62	
31	59.465	27.24		50.387	9.57		35.456	34.24		1.751	64.79		29.644	9.90	
Февр. 10	59.421	24.86		50.383	8.44		35.427	32.21		1.728	63.05		29.617	8.14	
20	59.418	22.46		50.408	7.40		35.432	30.19		1.738	61.35		29.621	6.41	
Март 1	59.460	20.14		50.464	6.53		35.476	28.27		1.782	59.78		29.662	4.79	
11	59.548	18.00		50.555	5.87		35.561	26.55		1.864	58.41		29.740	3.36	
21	59.684	16.13		50.681	5.48		35.688	25.09		1.986	57.30		29.858	2.20	
31	59.867	14.61		50.843	5.40		35.857	23.98		2.147	56.52		30.017	1.36	
Апр. 10	60.095	13.52		51.040	5.64		36.066	23.27		2.347	56.11		30.215	0.90	
20	60.364	12.89		51.270	6.22		36.314	22.99		2.582	56.11		30.449	0.84	
30	60.669	12.76		51.530	7.13		36.595	23.16		2.850	56.53		30.717	1.20	
Май 10	61.001	13.14		51.814	8.36		36.902	23.79		3.145	57.35		31.011	1.97	
20	61.354	14.01		52.117	9.88		37.229	24.86		3.459	58.57		31.326	3.14	
30	61.717	15.36		52.431	11.65		37.568	26.34		3.785	60.14		31.653	4.68	
Июнь 9	62.080	17.14		52.749	13.62		37.909	28.18		4.115	62.03		31.985	6.54	
19	62.435	19.29		53.063	15.73		38.244	30.35		4.440	64.18		32.313	8.67	
29	62.772	21.77		53.365	17.92		38.563	32.77		4.752	66.53		32.627	11.01	
Июль 9	63.081	24.51		53.646	20.15		38.859	35.38		5.043	69.03		32.920	13.50	
19	63.357	27.43		53.901	22.36		39.124	38.12		5.305	71.60		33.186	16.10	
29	63.591	30.47		54.122	24.48		39.353	40.92		5.533	74.19		33.416	18.72	
Авг. 8	63.780	33.56		54.306	26.49		39.540	43.72		5.721	76.75		33.608	21.30	
18	63.920	36.63		54.449	28.34		39.683	46.47		5.867	79.21		33.758	23.81	
28	64.010	39.63		54.550	30.00		39.779	49.10		5.969	81.53		33.864	26.18	
Сент. 6	64.051	42.48		54.608	31.44		39.830	51.57		6.028	83.68		33.926	28.38	
16	64.044	45.14		54.626	32.65		39.838	53.83		6.044	85.60		33.946	30.37	
26	63.993	47.56		54.607	33.63		39.805	55.85		6.022	87.29		33.927	32.12	
Окт. 6	63.903	49.69		54.556	34.36		39.736	57.58		5.966	88.71		33.874	33.61	
16	63.781	51.49		54.478	34.85		39.637	59.01		5.880	89.84		33.791	34.81	
26	63.632	52.93		54.380	35.12		39.515	60.12		5.773	90.68		33.685	35.70	
Нояб. 5	63.464	53.98		54.267	35.15		39.375	60.87		5.648	91.20		33.563	36.29	
15	63.283	54.60		54.147	34.96		39.224	61.25		5.514	91.40		33.429	36.56	
25	63.096	54.78		54.024	34.57		39.069	61.26		5.376	91.29		33.290	36.48	
Дек. 5	62.909	54.52		53.905	33.98		38.915	60.89		5.238	90.86		33.151	36.09	
15	62.729	53.82		53.794	33.22		38.767	60.16		5.107	90.12		33.018	35.38	
25	62.562	52.70		53.695	32.30		38.630	59.09		4.987	89.10		32.895	34.38	
35	62.413	51.20		53.612	31.27		38.510	57.70		4.882	87.84		32.786	33.12	
Ср. место Eichelb.	61.622 - 72	29.95 +56		52.220 - 46	17.84 +64		37.452 - 53	38.57 +88		3.659 - 54	70.36 +66		31.551 - 60	15.16 +63	

День.	561) ϵ Cephei.		562) λ Aquarii.		564) σ Andromedae.		565) ζ Pegasi.		566) α Pegasi.	
	IX 2		IX 3		IX 5		IX 6		IX 6	
	h	m	h	m	h	m	h	m	h	m
1928	22 47	+ 65 48	22 48	- 7 57	22 58	+ 41 56	23 0	+ 27 41	23 1	+ 14 48
Янв. 1	4.28	86.55	49.925	58.20	34.495	23.02	15.252	31.08	8.798	59.41
11	3.88	84.88	49.854	58.68	34.329	21.45	15.137	29.70	8.706	58.28
21	3.53	82.72	49.802	59.03	34.187	19.55	15.040	28.10	8.631	57.04
31	3.25	80.17	49.773	59.31	34.074	17.39	14.966	26.34	8.577	55.75
Февр. 10	3.05	77.31	49.769	59.41	33.997	15.05	14.920	24.50	8.517	54.47
20	2.93	74.27	49.792	59.33	33.961	12.62	14.907	22.66	8.546	53.26
Март 1	2.90	71.18	49.845	59.06	33.971	10.22	14.930	20.89	8.577	52.18
11	2.97	68.15	49.930	58.58	34.030	7.95	14.993	19.29	8.642	51.29
21	3.14	65.32	50.049	57.87	34.141	5.90	15.097	17.94	8.745	50.65
31	3.40	62.78	50.204	56.92	34.303	4.17	15.244	16.90	8.885	50.30
Апр. 10	3.75	60.65	50.393	55.74	34.515	2.83	15.432	16.23	9.064	50.29
20	4.18	59.00	50.616	54.34	34.774	1.93	15.661	15.96	9.279	50.63
30	4.67	57.89	50.869	52.75	35.074	1.52	15.925	16.12	9.527	51.32
Май 10	5.21	57.35	51.149	51.00	35.407	1.62	16.219	16.71	9.804	52.35
20	5.79	57.40	51.449	49.13	35.765	2.22	16.536	17.72	10.103	53.71
30	6.38	58.05	51.764	47.19	36.139	3.31	16.869	19.12	10.417	55.36
Июнь 9	6.97	59.26	52.085	45.22	36.519	4.86	17.208	20.88	10.738	57.25
19	7.54	61.00	52.405	43.29	36.894	6.82	17.544	22.94	11.059	59.34
29	8.08	63.22	52.716	41.44	37.254	9.15	17.870	25.25	11.371	61.55
Июль 9	8.57	65.86	53.010	39.72	37.590	11.77	18.177	27.76	11.666	63.85
19	9.00	68.86	53.279	38.17	37.894	14.62	18.456	30.39	11.936	66.18
29	9.36	72.15	53.517	36.82	38.158	17.64	18.702	33.09	12.176	68.47
Авг. 8	9.64	75.65	53.719	35.70	38.378	20.76	18.909	35.79	12.380	70.67
18	9.84	79.28	53.881	34.83	38.549	23.91	19.074	38.44	12.544	72.75
28	9.96	82.97	54.000	34.21	38.670	27.02	19.195	40.98	12.667	74.66
Сент. 6	9.99	86.64	54.076	33.84	38.740	30.03	19.272	43.38	12.748	76.38
16	9.93	90.21	54.111	33.70	38.761	32.89	19.306	45.58	12.788	77.88
26	9.79	93.62	54.108	33.77	38.735	35.53	19.300	47.55	12.791	79.14
Окт. 6	9.58	96.78	54.071	34.03	38.668	37.92	19.257	49.26	12.759	80.16
16	9.31	99.63	54.005	34.43	38.563	40.00	19.183	50.69	12.699	80.93
26	8.98	102.11	53.917	34.95	38.428	41.73	19.084	51.81	12.616	81.44
Нояб. 5	8.60	104.14	53.814	35.55	38.268	43.08	18.965	52.60	12.515	81.71
15	8.18	105.69	53.701	36.20	38.090	44.01	18.832	53.06	12.402	81.73
25	7.73	106.69	53.586	36.87	37.900	44.50	18.691	53.17	12.282	81.51
Дек. 5	7.27	107.12	53.473	37.53	37.705	44.53	18.548	52.93	12.162	81.06
15	6.82	106.96	53.367	38.16	37.511	44.10	18.407	52.35	12.045	80.39
25	6.37	106.20	53.273	38.75	37.324	43.22	18.273	51.45	11.935	79.53
35	5.95	104.88	53.194	39.26	37.150	41.91	18.150	50.25	11.837	78.51
Ср. место.	6.72	77.24	51.551	47.63	36.238	18.32	16.872	30.34	10.363	62.67
Eichelb.	- 12	+ 25	- 29	+ 53	- 74	+ 129	- 78	+ 88	- 41	+ 59

День.	567) 55 Pe-gasi. IX 7			569) π Cephei. IX 7			571) γ Piscium. IX 9			572) τ Pe-gasi. IX 10			574) ο Pe-gasi. IX 11		
	h	m	°	h	m	°	h	m	°	h	m	°	h	m	°
1928	23	3	+ 9 1	23	5	+ 74 59	23	13	+ 2 53	23	17	+ 23 20	23	21	+ 23 0
Янв. 1	21.036	7.34		33.13	64.29		24.450	11.61		2.730	44.45		45.490	25.92	
11	20.949	6.36		32.40	62.97		24.365	10.82		2.616	43.24		45.376	24.75	
21	20.879	5.32		31.75	61.11		24.295	10.03		2.518	41.85		45.276	23.40	
31	20.830	4.29		31.20	58.78		24.243	9.29		2.439	40.33		45.193	21.92	
Февр. 10	20.802	3.30		30.76	56.06		24.213	8.64		2.385	38.74		45.136	20.37	
20	20.803	2.40		30.46	53.07		24.209	8.12		2.360	37.15		45.107	18.81	
Март 1	20.835	1.66		30.31	49.94		24.235	7.76		2.368	35.65		45.111	17.33	
11	20.900	1.13		30.31	46.79		24.292	7.60		2.414	34.30		45.152	16.01	
21	20.999	0.83		30.47	43.75		24.385	7.68		2.500	33.18		45.232	14.91	
31	21.138	0.81		30.79	40.93		24.515	8.03		2.627	32.34		45.355	14.08	
Апр. 10	21.312	1.11		31.25	38.46		24.682	8.66		2.796	31.84		45.519	13.58	
20	21.522	1.72		31.84	36.43		24.884	9.57		3.005	31.72		45.723	13.47	
30	21.766	2.66		32.54	34.89		25.120	10.75		3.250	31.99		45.965	13.74	
Май 10	22.037	3.88		33.32	33.91		25.386	12.18		3.528	32.65		46.239	14.40	
20	22.333	5.40		34.16	33.52		25.676	13.84		3.832	33.70		46.541	15.44	
30	22.642	7.14		35.04	33.72		25.983	15.68		4.153	35.10		46.861	16.83	
Июнь 9	22.960	9.07		35.92	34.50		26.300	17.65		4.484	36.83		47.194	18.53	
19	23.277	11.16		36.78	35.85		26.619	19.71		4.817	38.83		47.527	20.51	
29	23.588	13.31		37.60	37.78		26.933	21.78		5.142	41.05		47.853	22.72	
Июль 9	23.882	15.50		38.35	40.08		27.232	23.83		5.451	43.43		48.164	25.08	
19	24.151	17.64		39.01	42.84		27.509	25.81		5.737	45.92		48.454	27.54	
29	24.393	19.73		39.58	45.96		27.759	27.66		5.992	48.45		48.713	30.05	
Авг. 8	24.599	21.68		40.04	49.36		27.975	29.35		6.212	50.97		48.937	32.56	
18	24.766	23.49		40.37	52.97		28.154	30.85		6.393	53.42		49.122	35.00	
28	24.892	25.09		40.58	56.71		28.293	32.13		6.532	55.76		49.267	37.32	
Сент. 7	24.977	26.49		40.66	60.50		28.392	33.18		6.628	57.94		49.370	39.49	
16	25.022	27.65		40.61	64.26		28.450	34.00		6.683	59.93		49.432	41.46	
26	25.030	28.59		40.44	67.93		28.470	34.58		6.699	61.70		49.453	43.23	
Окт. 6	25.004	29.29		40.15	71.41		28.457	34.95		6.678	63.23		49.439	44.75	
16	24.948	29.76		39.74	74.64		28.414	35.10		6.626	64.48		49.393	46.01	
26	24.871	30.01		39.23	77.54		28.347	35.06		6.549	65.46		49.319	47.00	
Нояб. 5	24.774	30.03		38.63	80.03		28.263	34.86		6.450	66.15		49.226	47.69	
15	24.666	29.88		37.96	82.06		28.165	34.51		6.336	66.54		49.117	48.09	
25	24.553	29.52		37.24	83.55		28.060	34.04		6.212	66.63		48.996	48.21	
Дек. 5	24.438	29.00		36.47	84.47		27.952	33.46		6.083	66.41		48.869	48.01	
15	24.328	28.33		35.68	84.78		27.847	32.79		5.953	65.90		48.740	47.52	
25	24.225	27.52		34.90	84.47		27.747	32.06		5.827	65.11		48.615	46.77	
35	24.132	26.60		34.16	83.54		27.657	31.30		5.709	64.07		48.496	45.75	
Ср. место Eichelb .	22.579 — 45	12.46 + 71		36.15 — 75	53.14 + 21		25.932 — 14	18.73 + 61		4.241 — 65	44.80 + 109		46.975 — 59	26.31 + 119	

День	575) 70 q Pegasi IX 12			576) Pi 101 (1 H Cassiopeiae) IX 12			578) λ Andro- medae. IX 14			579) ι Andro- medae. IX 14			580) ι Piscium. IX 15		
	h	m	°	h	m	°	h	m	°	h	m	°	h	m	°
1928	23 25	+12 21		23 26	+ 58 8		23 33	+ 46 3		23 34	+42 51		23 36	+ 5 13	
Янв. 1	29.256	43.08	40.167	76.16	60.410	70.98	34.393	75.03	13.394	62.66					
11	29.156	42.11	39.861	74.93	60.208	69.77	34.208	73.82	13.297	61.85					
21	29.070	41.05	39.583	73.24	60.022	68.16	34.038	72.25	13.212	61.03					
31	29.001	39.96	39.342	71.09	59.861	66.21	33.891	70.37	13.142	60.24					
Февр. 10	28.953	38.88	39.148	68.64	59.732	64.01	33.774	68.25	13.091	59.51					
20	28.931	37.87	39.010	65.95	59.643	61.64	33.694	65.99	13.064	58.88					
Март 1	28.938	36.98	38.940	63.16	59.600	59.21	33.657	63.68	13.065	58.41					
11	28.979	36.26	38.942	60.35	59.610	56.82	33.669	61.42	13.098	58.12					
21	29.057	35.78	39.018	57.67	59.675	54.57	33.733	59.31	13.167	58.06					
31	29.173	35.57	39.171	55.22	59.798	52.57	33.852	57.46	13.273	58.26					
Апр. 10	29.329	35.66	39.400	53.10	59.979	50.89	34.026	55.93	13.418	58.73					
20	29.523	36.07	39.698	51.39	60.214	49.60	34.252	54.79	13.601	59.49					
30	29.753	36.81	40.055	50.17	60.499	48.77	34.525	54.10	13.821	60.54					
Май 10	30.015	37.88	40.469	49.45	60.827	48.43	34.839	53.89	14.073	61.86					
20	30.302	39.25	40.918	49.30	61.189	48.59	35.186	54.16	14.352	63.41					
30	30.609	40.88	41.396	49.69	61.575	49.24	35.557	54.91	14.653	65.17					
Июнь 9	30.927	42.73	41.889	50.62	61.975	50.37	35.941	56.13	14.967	67.10					
19	31.249	44.76	42.378	52.07	62.378	51.95	36.329	57.78	15.287	69.13					
29	31.566	46.92	42.855	54.00	62.772	53.94	36.710	59.81	15.604	71.21					
Июль 9	31.870	49.14	43.305	56.34	63.149	56.29	37.074	62.18	15.910	73.30					
19	32.154	51.37	43.720	59.04	64.498	58.93	37.411	64.81	16.199	75.35					
29	32.410	53.56	44.085	62.06	63.812	61.80	37.715	67.66	16.462	77.29					
Авг. 8	32.634	55.66	44.398	65.32	64.083	64.83	37.979	70.66	16.695	79.09					
18	32.821	57.63	44.648	68.71	64.308	67.97	38.198	73.73	16.892	80.71					
28	32.968	59.43	44.835	72.21	64.483	71.14	38.368	76.81	17.051	82.13					
Сент. 7	33.075	61.03	44.955	75.72	64.606	74.28	38.490	79.85	17.170	83.33					
16	33.142	62.41	45.010	79.19	64.679	77.33	38.563	82.79	17.250	84.29					
26	33.171	63.57	45.003	82.53	64.701	80.23	38.588	85.56	17.293	85.02					
Окт. 6	33.165	64.49	44.936	85.67	64.677	82.92	38.570	88.12	17.300	85.52					
16	33.129	65.18	44.813	88.57	64.611	85.35	38.511	90.42	17.277	85.80					
26	33.068	65.63	44.641	91.16	64.508	87.48	38.416	92.42	17.228	85.88					
Нояб. 5	32.987	65.85	44.423	93.35	64.372	89.25	38.292	94.07	17.158	85.78					
15	32.891	65.86	44.170	95.10	64.209	90.62	38.143	95.33	17.072	85.52					
25	32.785	65.65	43.887	96.38	64.025	91.56	37.974	96.18	16.975	85.11					
Дек. 5	32.673	65.25	43.582	97.12	63.827	92.05	37.792	96.59	16.872	84.59					
15	32.560	64.67	43.267	97.35	63.619	92.06	37.601	96.55	16.767	83.96					
25	32.451	63.93	42.949	97.01	63.409	91.60	37.409	96.06	16.663	83.25					
35	32.348	63.05	42.640	96.15	63.203	90.68	37.221	95.13	16.564	82.48					
Ср. место	30.688	46.94	42.001	67.02	61.993	64.46	35.939	69.30	14.754	68.89					
Eichelb.	-13	+112	-170	-80	-48	+35	-43	+67	-29	+67					

День	581) γ Cephei. IX 15			582) α Andromedae. IX 15			584) ρ Cassiopeiae. IX 19			585) ψ Pegasi. IX 19			586) ω Piscium. IX 20		
	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$	h	m	$^{\circ}$
1928	23 36	+ 77 13	"	23 36	+ 43 55	"	23 50	+ 57 5	"	23 54	+ 24 44	"	23 55	+ 6 27	"
Янв. 1	19.83	62.18	49.785	72.09	44.979	65.35	3.837	28.32	35.512	47.13					
11	18.93	61.34	49.593	70.92	44.680	64.41	3.707	27.36	35.409	46.35					
21	18.09	59.91	49.415	69.35	44.396	62.99	3.587	26.17	35.313	45.56					
31	17.34	57.95	49.264	67.48	44.141	61.12	3.480	24.82	35.229	44.77					
Февр. 10	16.72	55.53	49.139	65.34	43.927	58.89	3.394	23.36	35.162	44.04					
20	16.24	52.77	49.052	63.07	43.761	56.40	3.331	21.87	35.117	43.40					
Март 1	15.92	49.77	49.009	60.71	43.655	53.74	3.298	20.40	35.099	42.89					
11	15.79	46.67	49.017	58.42	43.616	51.03	3.304	19.03	35.112	42.56					
21	15.84	43.58	49.079	56.26	43.651	48.40	3.349	17.84	35.160	42.45					
31	16.08	40.64	49.197	54.35	43.762	45.94	3.438	16.89	35.246	42.58					
Апр. 10	16.49	37.95	49.369	52.77	43.947	43.75	3.571	16.24	35.372	42.99					
20	17.07	35.62	49.594	51.58	44.203	41.92	3.749	15.93	35.538	43.68					
30	17.79	33.74	49.868	50.83	44.524	40.54	3.968	15.99	35.743	44.65					
Май 10	18.63	32.38	50.185	50.54	44.905	39.65	4.225	16.43	35.982	45.90					
20	19.57	31.56	50.536	50.76	45.331	39.27	4.515	17.25	36.251	47.40					
30	20.56	31.31	50.911	51.47	45.788	39.43	4.828	18.42	36.545	49.11					
Июнь 9	21.58	31.67	51.300	52.64	46.267	40.12	5.155	19.93	36.855	51.00					
19	22.60	32.59	51.694	54.25	46.752	41.32	5.491	21.73	37.173	53.01					
29	23.59	34.06	52.081	56.26	47.231	43.00	5.827	23.76	37.493	55.09					
Июль 9	24.53	36.04	52.452	58.60	47.693	45.12	6.156	26.00	37.805	57.20					
19	25.38	38.48	52.794	61.22	48.125	47.62	6.463	28.36	38.101	59.27					
29	26.14	41.32	53.103	64.06	48.516	50.43	6.747	30.81	38.375	61.26					
Авг. 8	26.78	44.50	53.374	67.05	48.858	53.51	7.001	33.28	38.621	63.13					
18	27.30	47.95	53.597	70.13	49.147	56.78	7.217	35.74	38.833	64.82					
28	27.67	51.60	53.771	73.24	49.375	60.18	7.394	38.11	39.009	66.33					
Сент. 7	27.90	55.38	53.897	76.32	49.541	63.60	7.532	40.34	39.147	67.61					
17 *)	27.99	59.20	53.974	79.30	49.646	67.02	7.630	42.43	39.246	68.66					
26	27.92	62.98	54.003	82.13	49.690	70.36	7.688	44.31	39.308	69.48					
Окт. 6	27.71	66.66	53.988	84.75	49.675	73.56	7.710	45.97	39.334	70.08					
16	27.37	70.15	53.930	87.12	49.604	76.54	7.696	47.40	39.330	70.45					
26	26.90	73.37	53.835	89.17	49.482	79.24	7.652	48.57	39.297	70.61					
Нояб. 5	26.31	76.24	53.711	90.88	49.312	81.58	7.585	49.48	39.242	70.59					
15	25.61	78.69	53.561	92.20	49.103	83.54	7.497	50.10	39.168	70.41					
25	24.82	80.65	53.389	93.10	48.859	85.05	7.393	50.42	39.081	70.07					
Дек. 5	23.96	82.06	53.202	93.57	48.589	86.05	7.276	50.44	38.984	69.60					
15	23.05	82.88	53.005	93.59	48.300	86.53	7.152	50.18	38.880	69.02					
25	22.13	83.08	52.809	93.15	48.001	86.48	7.024	49.64	38.775	68.36					
35	21.22	82.65	52.615	92.25	47.699	85.89	6.896	48.85	38.672	67.63					
Ср. место Eichelb.	22.68 -242	49.87 -32	51.326 -78	66.02 +65	46.607 -92	55.86 +7	5.153 -17	27.73 +86	36.766 -42	52.79 +30					

*) Для звезд 581) и 582): сент. 16.

День	43 Нев. Cephei		α Ursae min.		51 Нев. Cephei		1 Нев. Draconis		
	h m 0 58	o / +85 52	h m 1 34	o / +88 55	h m 7 7	o / +87 9	h m 9 27	o / +81 38	
1928									
Янв.	1	32.47	32.72	110.96	20.38	42.06	53.14	2.52	40.78
	3	31.96	32.85	109.07	20.61	42.29	53.72	2.75	41.13
	5	31.45	33.04	107.19	20.90	42.60	54.27	3.01	41.42
	7	30.88	33.23	105.04	21.21	42.96	54.87	3.31	41.74
	9	30.24	33.36	102.58	21.49	43.40	55.92	3.59	42.15
	11	29.56	33.41	100.00	21.65	43.51	56.66	3.86	42.65
	13	28.90	33.37	97.51	21.75	43.53	57.35	4.07	43.18
	15	28.30	33.30	95.22	21.80	43.51	57.99	4.25	43.70
	17	27.75	33.24	93.07	21.85	43.50	58.58	4.42	44.18
	19	27.23	33.21	90.99	21.93	43.55	59.17	4.60	44.63
	21	26.67	33.19	88.77	22.04	43.62	59.80	4.80	45.08
	23	26.03	33.15	86.30	22.14	43.66	60.51	5.03	45.59
	25	25.36	33.04	83.64	22.15	43.55	61.25	5.22	46.19
	27	24.72	32.82	81.08	22.05	43.32	61.93	5.37	46.82
	29	24.17	32.58	78.86	21.91	43.05	62.51	5.47	47.43
Февр.	31	23.69	32.36	76.89	21.80	42.85	63.05	5.56	47.95
	2	23.20	32.20	74.88	21.75	42.72	63.61	5.68	48.45
	4	22.65	32.03	72.61	21.70	42.58	64.24	5.83	48.99
	6	22.04	31.79	70.12	21.57	42.30	64.92	5.96	49.60
	8	21.44	31.47	67.63	21.36	41.92	65.58	6.05	50.26
	10	20.88	31.08	65.33	21.08	41.44	66.17	6.10	50.94
	12	20.40	30.67	63.27	20.76	40.93	66.70	6.12	51.62
	14	19.97	30.28	61.40	20.47	40.47	67.19	6.13	52.46
	16	19.55	29.94	59.57	20.22	40.07	67.68	6.17	53.02
	18	19.10	29.62	57.60	19.98	39.69	68.20	6.22	53.60
	20	18.60	29.25	55.42	19.72	39.25	68.78	6.27	54.24
	22	18.07	28.79	53.18	19.37	38.66	69.36	6.25	54.92
	24	17.62	28.26	51.17	18.93	37.98	69.85	6.20	55.59
	26	17.27	27.73	49.56	18.47	37.32	70.24	6.11	56.18
	28	16.99	27.27	48.16	18.06	36.74	70.58	6.06	56.71
Март	1	16.69	26.84	46.68	17.70	36.23	70.95	6.04	57.25
	3	16.31	26.39	44.95	17.33	35.67	71.39	6.02	57.85
	5	15.91	25.87	43.12	16.89	34.99	71.85	5.96	58.51
	7	15.54	25.28	41.39	16.37	34.21	72.26	5.85	59.16
	9	15.25	24.65	39.93	15.80	33.38	72.60	5.71	59.77
	11	15.03	24.02	38.73	15.22	32.57	72.85	5.55	60.32
	13	14.85	23.44	37.72	14.67	31.81	73.08	5.40	60.81
	15	14.69	22.91	36.74	14.18	31.12	73.31	5.29	61.29
	17	14.48	22.39	35.60	13.71	30.46	73.58	5.20	61.79
	19	14.23	21.84	34.30	13.20	29.72	73.88	5.08	62.36
	21	14.00	21.20	33.06	12.62	28.87	74.16	4.91	62.93
	23	13.86	20.51	32.17	11.96	27.95	74.32	4.70	63.45
	25	13.83	19.86	31.67	11.33	27.08	74.38	4.49	63.86
	27	13.84	19.28	31.33	10.77	26.35	74.41	4.31	64.22
	29	13.82	18.76	30.86	10.25	25.66	74.51	4.16	64.59
	31	13.72	18.21	30.16	9.72	24.92	74.65	4.00	65.03
Апр.	2	13.63	17.57	29.42	9.11	24.06	74.78	3.80	65.51

День	43 Нев. Септсi		α Ursae min		51 Нев. Септсi		1 Нев. Draconis		
	h m	$^{\circ}$ ' "	h m	$^{\circ}$ ' "	h m	$^{\circ}$ ' "	h m	$^{\circ}$ ' "	
1928	0 58	+85 52	1 34	+88 54	7 7	+87 9	9 26	+81 39	
Апрель	2	13.63	17.57	29.42	69.11	24.06	74.78	63.80	5.51
	4	13.59	16.90	28.88	68.44	23.14	74.85	63.55	5.95
	6	13.63	16.22	28.63	67.76	22.21	74.83	63.30	6.33
	8	13.73	15.57	28.66	67.09	21.34	74.75	63.03	6.64
	10	13.88	14.98	28.83	66.47	20.55	74.64	62.79	6.90
	12	14.02	14.44	28.97	65.92	19.83	74.55	62.58	7.14
	14	14.11	13.92	28.93	65.38	19.12	74.51	62.36	7.42
	16	14.17	13.35	28.80	64.81	18.34	74.48	62.11	7.75
	18	14.27	12.72	28.81	64.16	17.48	74.41	61.82	8.06
	20	14.48	12.09	29.24	63.49	16.60	74.20	61.61	8.27
	22	14.78	11.52	30.01	62.87	15.82	73.92	61.34	8.38
	24	15.09	11.04	30.85	62.38	15.18	73.64	61.11	8.46
	26	15.35	10.60	31.47	61.84	14.57	73.43	60.90	8.57
	28	15.56	10.11	31.90	61.32	13.90	73.26	60.68	8.74
	30	15.77	9.58	32.37	60.74	13.14	73.06	60.41	8.92
Май	2	16.05	9.00	33.07	60.13	12.34	72.78	60.12	9.06
	4	16.40	8.45	34.06	59.51	11.56	72.44	59.82	9.11
	6	16.81	7.96	35.28	58.94	10.89	72.04	59.53	9.10
	8	17.24	7.54	36.57	58.44	10.31	71.64	59.28	9.05
	10	17.63	7.16	37.77	58.00	9.79	71.27	59.06	9.00
	12	17.98	6.80	38.78	57.57	9.28	70.95	58.84	9.00
	14	18.30	6.38	39.72	57.10	8.68	70.64	58.60	9.02
	16	18.68	5.93	40.88	56.57	8.03	70.25	58.31	9.00
	18	19.17	5.50	42.45	56.05	7.43	69.75	58.02	8.87
	20	19.73	5.17	44.29	55.62	6.96	69.21	57.77	8.65
	22	20.28	4.92	46.08	55.28	6.62	68.68	57.56	8.41
	24	20.74	4.70	47.59	54.97	6.30	68.24	57.37	8.23
	26	21.16	4.43	48.96	54.63	5.90	67.83	57.16	8.10
	28	21.59	4.11	50.39	54.23	5.43	67.40	56.92	7.96
	30	22.09	3.78	52.07	53.81	4.95	66.89	56.65	7.77
Июнь	1	22.67	3.50	54.00	53.41	4.53	66.30	56.40	7.50
	3	23.28	3.28	56.09	53.08	4.21	65.69	56.16	7.16
	5	23.89	3.14	58.18	52.83	4.00	65.10	55.96	6.81
	7	24.43	3.04	60.09	52.63	3.85	64.57	55.79	6.48
	9	24.92	2.93	61.79	52.44	3.67	64.08	55.62	6.21
	11	25.41	2.77	63.49	52.18	3.42	63.58	55.42	5.94
	13	25.97	2.59	65.45	51.90	3.14	62.99	55.20	5.61
	15	26.63	2.47	67.79	51.65	2.95	62.31	54.98	5.17
	17	27.31	2.46	70.28	51.52	2.91	61.63	54.81	4.67
	19	27.95	2.53	72.59	51.47	2.98	61.01	54.69	4.18
	21	28.51	2.61	74.62	51.43	3.04	60.46	54.58	3.74
	23	29.03	2.62	76.50	51.34	3.01	59.92	54.44	3.37
	25	29.58	2.59	78.51	51.20	2.94	59.35	54.27	2.97
	27	30.18	2.57	80.74	51.07	2.87	58.72	54.09	2.51
	29	30.83	2.61	83.18	50.97	2.88	58.05	53.93	1.98
Июль	1	31.51	2.72	85.71	50.96	3.01	57.35	53.80	1.40

День	43. Нев. Cephei		α Ursae min.		51 Нев. Cephei		1 Нев. Draconis		
	$^{\text{h}}$ $^{\text{m}}$ 0 58	$^{\circ}$ +85 52	$^{\text{h}}$ $^{\text{m}}$ 1 35	$^{\circ}$ +88 54	$^{\text{h}}$ $^{\text{m}}$ 7 7	$^{\circ}$ +87 9	$^{\text{h}}$ $^{\text{m}}$ 9 26	$^{\circ}$ +81 38	
1928									
Июль	1	31.51	2.72	25.71	50.96	3.01	57.35	53.80	61.40
	3	32.16	2.90	28.13	51.02	3.24	56.70	53.72	60.82
	5	32.73	3.11	30.32	51.12	3.49	56.12	53.65	60.29
	7	33.25	3.30	32.31	51.20	3.70	55.60	53.58	59.80
	9	33.79	3.43	34.33	51.24	3.84	55.04	53.47	59.32
	11	34.40	3.56	36.65	51.25	3.98	54.39	53.35	58.76
	13	35.08	3.76	39.28	51.32	4.24	53.67	53.25	58.10
	15	35.76	4.07	41.94	51.51	4.65	52.98	53.19	57.41
	17	36.38	4.44	44.31	51.76	5.13	52.37	53.19	56.76
	19	36.91	4.79	46.39	52.01	5.57	51.84	53.18	56.18
	21	37.41	5.09	48.38	52.20	5.92	51.31	53.15	55.63
	23	37.94	5.35	50.52	52.36	6.23	50.73	53.09	55.03
	25	38.53	5.64	52.87	52.54	6.59	50.10	53.03	54.40
	27	39.15	5.98	55.36	52.76	7.03	49.44	52.98	53.72
	29	39.78	6.40	57.84	53.05	7.58	48.81	52.99	53.03
	31	40.35	6.89	60.15	53.42	8.21	48.23	53.03	52.32
Авг.	2	40.84	7.38	62.18	53.81	8.84	47.73	53.09	51.69
	4	41.28	7.82	64.05	54.17	9.40	47.26	53.13	51.10
	6	41.74	8.22	66.01	54.47	9.89	46.76	53.13	50.51
	8	42.28	8.64	68.27	54.77	10.42	46.16	53.13	49.82
	10	42.88	9.13	70.74	55.16	11.09	45.53	53.17	49.05
	12	43.44	9.73	73.10	55.64	11.88	44.96	53.26	48.29
	14	43.92	10.35	75.12	56.17	12.70	44.48	53.38	47.59
	16	44.31	10.93	76.86	56.68	13.45	44.06	53.49	46.96
	18	44.70	11.45	78.58	57.12	14.13	43.65	53.57	46.35
	20	45.12	11.95	80.46	57.53	14.78	43.17	53.63	45.70
	22	45.59	12.49	82.51	57.97	15.48	42.66	53.69	45.01
	24	46.09	13.08	84.65	58.46	16.27	42.14	53.79	44.27
	26	46.54	13.74	86.71	59.03	17.15	41.65	53.92	43.53
	28	46.93	14.45	88.51	59.65	18.09	41.25	54.09	42.82
	30	47.24	15.14	90.02	60.28	19.00	40.91	54.27	42.19
Сент.	1	47.53	15.78	91.41	60.87	19.84	40.60	54.42	41.60
	3	47.84	16.37	92.95	61.37	20.60	40.23	54.54	40.98
	5	48.24	16.99	94.78	61.92	21.41	39.79	54.66	40.28
	7	48.67	17.70	96.72	62.55	22.39	39.34	54.83	39.52
	9	49.03	18.49	98.44	63.26	23.46	38.97	55.05	38.79
	11	49.28	19.28	99.77	64.00	24.52	38.70	55.29	38.16
	13	49.47	19.99	100.88	64.68	25.48	38.49	55.51	37.59
	15	49.66	20.65	102.01	65.30	26.35	38.25	55.69	37.02
	17	49.91	21.32	103.29	65.90	27.23	37.96	55.86	36.43
	19	50.19	22.01	104.74	66.55	28.17	37.64	56.05	35.78
	21	50.47	22.77	106.18	67.24	29.19	37.33	56.26	35.11
	23	50.70	23.56	107.46	67.99	30.29	37.08	56.52	34.46
	25	50.84	24.38	108.46	68.78	31.40	36.92	56.80	33.86
	27	50.93	25.17	109.17	69.54	32.45	36.82	57.07	33.35
	29	50.99	25.89	109.84	70.25	33.42	36.71	57.32	32.85
Окт.	1	51.11	26.59	110.71	70.91	34.36	36.55	57.54	32.32

День	43. Нев. Cephei		α Ursae min.		51 Нев. Cephei		1 Нев. Draconis	
	h m	o ' "	h m	o ' "	h m	o ' "	h m	o ' "
1928	0 58	+85 52	1 36	+88 55	7 7	+87 9	9 26	+81 38
Окт. 1	51.11	26.59	50.71	10.91	34.36	36.55	57.54	32.32
3	51.31	27.32	51.84	11.61	35.36	36.33	57.77	31.71
5	51.49	28.14	52.94	12.40	36.50	36.14	58.06	31.08
7	51.60	29.44	53.73	13.25	37.70	36.04	58.39	30.51
9	51.55	30.23	54.14	14.08	38.84	36.04	58.73	30.04
11	51.51	30.96	54.37	14.84	39.87	36.07	59.03	29.62
13	51.51	31.65	54.68	15.54	40.82	36.06	59.29	29.21
15	51.55	32.37	55.14	16.34	41.78	36.01	59.55	28.75
17	51.58	33.13	55.97	17.35	42.81	35.95	59.84	28.26
19	51.58	33.94	56.39	18.16	43.90	35.91	60.15	27.76
21	51.50	34.77	56.51	19.00	45.06	35.95	60.50	27.30
23	51.34	35.56	56.34	19.82	46.18	36.08	60.87	26.92
25	51.15	36.28	56.05	20.57	47.23	36.24	61.21	26.62
27	51.00	36.95	55.90	21.28	48.19	36.38	61.52	26.33
29	50.93	37.64	56.02	21.99	49.12	36.46	61.82	25.97
31	50.87	38.41	56.19	22.77	50.17	36.51	62.14	25.56
Нояб. 2	50.74	39.23	56.08	23.62	51.31	36.60	62.51	25.17
4	50.51	40.02	55.57	24.46	52.46	36.81	62.91	24.84
6	50.20	40.73	54.80	25.22	53.51	37.10	63.29	24.63
8	49.91	41.36	54.07	25.90	54.43	37.40	63.63	24.46
10	49.67	41.98	53.52	26.56	55.30	37.65	63.95	24.28
12	49.46	42.60	53.07	27.24	56.17	37.86	64.26	24.07
14	49.25	43.27	52.58	27.96	57.11	38.07	64.60	23.83
16	48.98	43.98	51.89	28.72	58.11	38.32	64.97	23.60
18	48.62	44.67	50.90	29.49	59.14	38.66	65.37	23.43
20	48.20	45.31	49.63	30.21	60.10	39.08	65.76	23.35
22	47.78	45.85	48.34	30.85	60.93	39.52	66.12	23.34
24	47.42	46.36	47.25	31.43	61.69	39.92	66.45	23.32
26	47.11	46.92	46.40	32.04	62.47	40.24	66.76	23.24
28	46.80	47.53	45.53	32.72	63.34	40.56	67.12	23.11
30	46.40	48.17	44.30	33.45	64.30	40.94	67.51	23.01
Дек. 2	45.91	48.74	42.70	34.13	65.21	41.44	67.92	23.02
4	45.39	49.22	40.94	34.70	65.97	41.99	68.30	23.13
6	44.89	49.63	39.29	35.20	66.61	42.52	68.63	23.27
8	44.44	50.02	37.81	35.68	67.21	43.01	68.93	23.39
10	44.02	50.43	36.42	36.19	67.82	43.46	69.24	23.46
12	43.58	50.88	34.96	36.73	68.48	43.91	69.57	23.53
14	43.10	51.33	33.27	37.29	69.19	44.41	69.92	23.63
16	42.52	51.76	31.26	37.82	69.88	44.99	70.30	23.81
18	41.89	52.10	29.08	38.29	70.47	45.64	70.65	24.08
20	41.30	52.35	26.96	38.66	70.93	46.29	70.96	24.39
22	40.79	52.58	25.12	39.00	71.32	46.87	71.23	24.67
24	40.33	52.86	23.48	39.38	71.74	47.37	71.50	24.88
26	39.84	53.19	21.73	39.82	72.26	47.88	71.81	25.06
28	39.25	53.52	19.62	40.27	72.80	48.49	72.16	25.30
30	38.60	53.76	17.21	40.63	73.28	49.18	72.49	25.64
32	37.95	53.90	14.77	40.91	73.61	49.88	72.77	26.07

День	ε Ursae min.		δ Ursae min.		λ Ursae min.		76 Draconis		
	^h _m	^o _'							
1928	16 53	+82 9	17 55	+86 36	18 48	+89 1	20 47	+82 15	
Январь	1	10.21	21.36	10.74	43.79	16.38	53.74	46.78	63.13
	3	10.32	20.75	10.78	43.18	15.94	53.15	46.61	62.63
	5	10.42	20.12	10.78	42.56	15.30	52.56	46.42	62.18
	7	10.53	19.43	10.77	41.87	14.58	51.90	46.22	61.66
	9	10.67	18.69	10.85	41.12	14.08	51.16	46.02	61.06
	11	10.85	17.97	11.01	40.36	13.95	50.40	45.88	60.41
	13	11.05	17.33	11.25	39.65	14.11	49.68	45.69	59.73
	15	11.24	16.75	11.53	39.01	14.43	49.01	45.57	59.09
	17	11.44	16.22	11.78	38.42	14.74	48.40	45.47	58.50
	19	11.62	15.69	12.01	37.83	14.95	47.79	45.37	57.94
	21	11.81	15.12	12.22	37.21	15.07	47.16	45.25	57.35
	23	12.02	14.49	12.48	36.52	15.26	46.46	45.13	56.69
	25	12.27	13.87	12.82	35.82	15.75	45.71	45.02	55.96
	27	12.54	13.33	13.26	35.17	16.62	45.01	44.95	55.21
	29	12.79	12.89	13.71	34.63	17.66	44.40	44.92	54.54
Февр.	31	13.04	12.51	14.12	34.15	18.57	43.86	44.90	53.94
	2	13.28	12.08	14.48	33.65	19.29	43.31	44.86	53.35
	4	13.53	11.61	14.87	33.07	19.99	42.69	44.82	52.70
	6	13.81	11.12	15.32	32.47	20.98	42.02	44.78	51.98
	8	14.11	10.68	15.86	31.89	22.29	41.35	44.77	51.23
	10	14.42	10.34	16.46	31.40	23.87	40.76	44.81	50.50
	12	14.74	10.05	17.06	30.98	25.52	40.23	44.87	49.82
	14	15.03	9.81	17.63	30.60	27.11	39.76	44.94	49.21
	16	15.31	9.56	18.17	30.24	28.55	39.31	45.01	48.61
	18	15.61	9.27	18.71	29.83	29.92	38.81	45.05	48.00
	20	15.92	8.96	19.26	29.38	31.39	38.26	45.10	47.33
	22	16.26	8.68	19.92	28.93	33.18	37.70	45.18	46.60
	24	16.60	8.48	20.64	28.58	35.28	37.22	45.29	45.91
	26	16.98	8.40	21.34	28.33	37.45	36.84	45.44	45.30
	28	17.23	8.36	21.97	28.13	39.38	36.53	45.59	44.79
Март	1	17.52	8.26	22.57	27.91	41.12	36.19	45.72	44.27
	3	17.83	8.11	23.20	27.62	42.91	35.79	45.84	43.69
	5	18.17	7.98	23.90	27.32	44.98	35.36	45.98	43.06
	7	18.52	7.92	24.65	27.08	47.34	34.97	46.14	42.42
	9	18.86	7.94	25.43	26.92	49.84	34.67	46.34	41.84
	11	19.19	8.03	26.18	26.84	52.33	34.44	46.57	41.33
	13	19.51	8.17	26.90	26.80	54.68	34.26	46.80	40.88
	15	19.81	8.27	27.57	26.75	56.84	34.08	47.01	40.45
	17	20.10	8.32	28.22	26.66	58.92	33.86	47.20	40.00
	19	20.42	8.36	28.92	26.53	61.14	33.61	47.40	39.50
	21	20.75	8.46	29.68	26.45	63.64	33.37	47.62	38.99
	23	21.07	8.67	30.48	26.48	66.34	33.23	47.89	38.53
	25	21.37	8.97	31.23	26.60	68.94	33.20	48.18	38.19
	27	21.64	9.26	31.88	26.74	71.25	33.22	48.45	37.93
	29	21.90	9.50	32.50	26.84	73.38	33.18	48.70	37.64
	31	22.18	9.70	33.15	26.88	75.59	33.10	48.93	37.30
Апрель	2	22.48	9.92	33.87	26.95	78.05	33.00	49.19	36.93

День	ε Ursae min.		δ Ursae min.		λ Ursae min.		76 Draconis		
	^{h m}	^{o ' "}							
1928	16 53	+82 9	17 55	+86 36	18 49	+89 1	20 47	+82 15	
Апрель	2	22.48	9.92	32.87	26.95	18.05	33.00	49.19	36.93
	4	22.78	10.23	34.62	27.07	20.74	32.98	49.48	36.57
	6	23.07	10.61	35.37	27.29	23.45	33.03	49.80	36.30
	8	23.34	11.05	36.07	27.56	26.04	33.15	50.11	36.10
	10	23.57	11.49	36.70	27.86	28.42	33.31	50.43	35.95
	12	23.79	11.90	37.30	28.15	30.61	33.46	50.72	35.83
	14	24.02	12.26	37.88	28.38	32.70	33.56	51.00	35.67
	16	24.26	12.61	38.50	28.59	34.93	33.63	51.28	35.46
	18	24.50	13.02	39.16	28.85	37.40	33.76	51.58	35.28
	20	24.73	13.53	39.81	29.22	39.94	33.99	51.92	35.18
	22	24.92	14.11	40.38	29.68	42.24	34.31	52.26	35.19
	24	25.09	14.67	40.86	30.12	44.18	34.64	52.57	35.26
	26	25.24	15.14	41.30	30.51	45.98	34.93	52.87	35.31
28	25.41	15.58	41.80	30.85	47.88	35.15	53.14	35.28	
30	25.60	16.06	42.33	31.20	50.01	35.38	53.45	35.23	
Май	2	25.77	16.62	42.88	31.65	52.27	35.69	53.78	35.24
	4	25.93	17.25	43.41	32.16	54.47	36.08	54.13	35.33
	6	26.05	17.90	43.86	32.71	56.46	36.52	54.47	35.49
	8	26.15	18.53	44.24	33.27	58.19	36.97	54.79	35.69
	10	26.24	19.10	44.57	33.78	59.70	37.40	55.07	35.91
	12	26.34	19.62	44.90	34.24	61.16	37.77	55.35	36.08
	14	26.44	20.15	45.27	34.69	62.79	38.12	55.63	36.21
	16	26.54	20.75	45.65	35.20	64.58	38.53	55.93	36.38
	18	26.62	21.43	46.01	35.81	66.30	39.06	56.25	36.64
	20	26.65	22.14	46.26	36.47	67.68	39.65	56.56	37.01
	22	26.66	22.79	46.43	37.09	68.69	40.22	56.85	37.40
	24	26.68	23.36	46.58	37.63	69.60	40.71	57.10	37.75
	26	26.71	23.89	46.78	38.13	70.65	41.16	57.34	38.03
28	26.74	24.48	47.01	38.67	71.91	41.62	57.60	38.32	
30	26.77	25.13	47.23	39.28	73.21	42.16	57.88	38.65	
Июнь	1	26.76	25.83	47.41	39.96	74.37	42.76	58.17	39.08
	3	26.73	26.53	47.51	40.64	75.27	43.40	58.44	39.55
	5	26.68	27.18	47.53	41.30	75.88	44.04	58.69	40.06
	7	26.59	28.03	47.52	41.90	76.30	44.62	58.90	40.54
	9	26.54	28.56	47.52	42.44	76.73	45.14	59.10	40.97
	11	26.49	29.15	47.57	42.99	77.32	45.65	59.31	41.38
	13	26.42	29.81	47.62	43.62	78.04	46.24	59.54	41.84
	15	26.31	30.50	47.59	44.32	78.56	46.94	59.77	42.40
	17	26.18	31.13	47.46	45.03	78.68	47.65	59.99	43.04
	19	26.03	31.66	47.25	45.68	78.48	48.31	60.16	43.68
	21	25.92	32.15	47.02	46.31	78.24	48.90	60.31	44.26
	23	25.80	32.65	46.84	47.06	78.18	49.44	60.45	44.77
	25	25.67	33.23	46.73	47.66	78.28	50.02	60.61	45.29
27	25.52	33.83	46.56	48.33	78.36	50.66	60.78	45.86	
29	25.35	34.44	46.32	49.00	78.26	51.35	60.95	46.51	
Июль	1	25.15	35.01	46.01	49.65	77.86	52.05	61.10	47.22

ВИДИМЫЕ МЕСТА ПОЛЯРНЫХ ЗВЕЗД 1928. 161

День	ε Ursae min.		ζ Ursae min.		λ Ursae min.		76 Draconis		
	^{h m} 16 53	[°] + 82 9	^{h m} 17 55	[°] +86 36	^{h m} 18 48	[°] +89 1	^{h m} 20 47	[°] +82 15	
1928									
Июль	1	25.15	35.01	46.01	49.65	137.86	52.05	61.10	47.22
	3	24.95	35.50	45.66	50.23	137.18	52.71	61.21	47.91
	5	24.75	35.92	45.31	50.75	135.98	53.60	61.30	48.56
	7	24.57	36.33	45.00	51.24	135.34	54.14	61.36	49.16
	9	24.39	36.80	44.71	51.79	134.84	54.73	61.45	49.73
	11	24.18	37.34	44.37	52.42	134.23	55.41	61.55	50.38
	13	23.93	37.88	43.92	53.06	133.25	56.12	61.66	51.12
	15	23.65	38.32	43.40	53.65	131.90	56.78	61.73	51.90
	17	23.39	38.67	42.88	54.13	130.46	57.36	61.75	52.66
	19	23.14	38.99	42.40	54.57	129.17	57.88	61.76	53.32
	21	22.91	39.33	41.96	55.03	128.07	58.41	61.77	53.95
	23	22.67	39.74	41.50	55.54	127.00	59.00	61.80	54.58
	25	22.39	40.16	41.01	56.09	125.77	59.63	61.83	55.29
	27	22.10	40.56	40.44	56.64	124.29	60.28	61.85	56.03
	29	21.79	40.90	39.82	57.13	122.53	60.89	61.85	56.82
	31	21.49	41.16	39.16	57.54	120.60	61.43	61.80	57.57
Авг.	2	21.19	41.35	38.53	57.90	118.72	61.90	61.74	58.27
	4	20.92	41.56	37.95	58.25	117.03	62.35	61.64	59.22
	6	20.63	41.83	37.38	58.65	115.45	62.86	61.59	59.88
	8	20.31	42.15	36.75	59.14	113.69	63.46	61.55	60.63
	10	19.96	42.43	36.02	59.60	111.55	64.05	61.49	61.44
	12	19.60	42.61	35.24	59.96	109.12	64.57	61.38	62.21
	14	19.26	42.70	34.47	60.24	106.69	64.99	61.24	62.90
	16	18.95	42.77	33.77	60.48	104.47	65.37	61.10	63.52
	18	18.64	42.89	33.09	60.76	102.43	65.78	60.99	64.15
	20	18.31	43.05	32.40	61.09	100.38	66.24	60.88	64.81
	22	17.96	43.22	31.67	61.43	98.15	66.72	60.77	65.53
	24	17.60	43.35	30.86	61.76	95.67	67.20	60.63	66.27
	26	17.23	43.40	30.02	62.02	92.96	67.63	60.47	66.98
	28	16.87	43.36	29.17	62.19	90.16	67.97	60.26	67.64
	30	16.53	43.29	28.37	62.32	87.49	68.25	60.05	68.22
Сент.	1	16.19	43.25	27.62	62.45	85.05	68.53	59.86	68.78
	3	15.86	43.28	26.87	62.64	82.65	68.88	59.69	69.39
	5	15.49	43.32	26.04	62.89	80.04	69.29	59.51	70.08
	7	15.10	43.30	25.14	63.09	77.06	69.67	59.30	70.79
	9	14.72	43.17	24.21	63.19	73.90	69.95	59.05	71.44
	11	14.37	42.97	23.33	63.20	70.85	70.15	58.79	71.99
	13	14.03	42.78	22.51	63.19	68.05	70.32	58.53	72.48
	15	13.70	42.63	21.73	63.23	65.43	70.51	58.29	72.98
	17	13.36	42.53	20.92	63.32	62.74	70.76	58.06	73.53
	19	13.00	42.42	20.06	63.41	59.89	71.02	57.82	74.12
	21	12.63	42.25	19.16	63.46	56.80	71.25	57.56	74.70
	23	12.26	42.00	18.24	63.43	53.56	71.42	57.26	75.25
	25	11.90	41.67	17.33	63.32	50.32	71.50	56.95	75.71
	27	11.57	41.32	16.49	63.17	47.29	71.52	56.64	76.12
	29	11.25	41.02	15.69	63.05	44.47	71.57	56.34	76.51
Октяб.	1	10.92	40.78	14.89	63.01	41.65	71.70	56.08	76.98

День	α Ursae min.		β Ursae min.		λ Ursae min.		76 Draconis	
	h m	° ' "	h m	° ' "	h m	° ' "	h m	° ' "
1928	16 53	+ 82 9	17 54	+86 36	18 46	+89 1	20 47	+ 82 16
Окт. 1	10.92	40.78	74.89	63.01	161.65	71.70	56.08	16.98
3	10.57	40.55	74.01	62.98	158.57	71.86	55.80	17.50
5	10.21	40.23	73.07	62.88	155.21	71.96	55.49	18.00
7	9.86	39.81	72.14	62.68	151.76	71.95	55.14	18.41
9	9.55	39.33	71.28	62.40	148.56	71.86	54.79	18.73
11	9.26	38.89	70.50	62.14	145.65	71.77	54.45	19.00
13	8.97	38.50	69.74	61.92	142.87	71.73	54.14	19.29
15	8.68	38.13	68.96	61.74	140.02	71.72	53.83	19.63
17	8.36	37.75	68.14	61.55	136.99	71.71	53.51	19.99
19	8.05	37.30	67.28	61.30	133.80	71.66	53.17	20.32
21	7.75	36.77	66.42	60.98	130.52	71.51	52.80	20.60
23	7.47	36.17	65.61	60.58	127.35	71.29	52.42	20.79
25	7.23	35.59	64.88	60.17	124.46	71.04	52.05	20.92
27	6.99	35.07	64.18	59.80	121.77	70.84	51.71	21.06
29	6.73	34.60	63.47	59.51	119.02	70.72	51.39	21.27
31	6.46	34.11	62.68	59.21	116.01	70.59	51.06	21.53
Новб. 2	6.18	33.52	61.85	58.82	112.79	70.38	50.68	21.74
4	5.94	32.85	61.09	58.32	109.64	70.07	50.29	21.84
6	5.73	32.15	60.41	57.79	106.81	69.70	49.91	21.84
8	5.55	31.51	59.80	57.28	104.30	69.34	49.56	21.82
10	5.37	30.92	59.21	56.83	101.89	69.03	49.23	21.84
12	5.18	30.36	58.60	56.41	99.39	68.74	48.91	21.89
14	4.99	29.76	57.97	55.97	96.75	68.45	48.57	21.94
16	4.80	29.09	57.31	55.45	93.99	68.10	48.22	21.96
18	4.63	28.35	56.68	54.86	91.27	67.66	47.83	21.91
20	4.49	27.59	56.13	54.21	88.76	67.16	47.46	21.75
22	4.38	26.85	55.66	53.58	86.56	66.65	47.11	21.56
24	4.27	26.19	55.22	53.03	84.54	66.21	46.80	21.40
26	4.14	25.57	54.74	52.53	82.42	65.83	46.49	21.32
28	4.01	24.90	54.21	51.99	80.04	65.43	46.16	21.25
30	3.89	24.15	53.67	51.35	77.56	64.94	45.81	21.13
Дек. 2	3.80	23.33	53.20	50.64	75.28	64.35	45.44	20.88
4	3.75	22.52	52.85	49.93	73.39	63.74	45.10	20.55
6	3.73	21.80	52.56	49.26	71.81	63.16	44.79	20.22
8	3.70	21.12	52.28	48.64	70.29	62.63	44.50	19.92
10	3.67	20.46	51.99	48.05	68.72	62.13	44.22	19.67
12	3.63	19.76	51.67	47.43	67.02	61.60	43.94	19.40
14	3.60	19.02	51.36	46.76	65.28	61.01	43.63	19.09
16	3.61	18.20	51.10	46.01	63.65	60.34	43.32	18.70
18	3.65	17.39	50.92	45.22	62.32	59.64	43.02	18.22
20	3.70	16.64	50.83	44.49	61.34	58.96	42.77	17.73
22	3.77	15.96	50.75	43.85	60.49	58.35	42.53	17.29
24	3.80	15.34	50.63	43.25	59.48	57.81	42.31	16.91
26	3.84	14.65	50.48	42.60	58.25	57.23	42.06	16.56
28	3.89	13.89	50.33	41.86	57.01	56.56	41.79	16.09
30	4.00	13.09	50.28	41.06	56.08	55.81	41.54	15.53
32	4.12	12.34	50.34	40.30	55.57	55.07	41.32	14.93

S	φ	$h - \varphi$										φ	S				
		40°	45°	50°	55°	60°	65°	70°	75°	80°							
h	m	°	'	°	'	°	'	°	'	°	'	°	'	°	'	h	m
1	33	+1 06	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	1	33
1	53	1 06	0 08	0 08	0 09	0 10	0 12	0 14	0 18	0 24	0 37	0 24	0 37	0 24	0 37	1	13
2	13	1 05	0 15	0 17	0 18	0 21	0 24	0 28	0 35	0 48	1 14	0 28	0 48	1 14	0 53	0	53
2	33	1 04	0 23	0 25	0 27	0 31	0 35	0 42	0 53	1 11	1 50	0 42	0 53	1 11	1 50	0	33
2	53	1 02	0 30	0 33	0 36	0 41	0 47	0 56	1 10	1 34	2 25	0 56	1 10	1 34	2 25	0	13
3	13	1 00	0 37	0 40	0 44	0 50	0 58	1 09	1 26	1 55	2 58	1 09	1 26	1 55	2 58	23	53
3	33	0 57	0 44	0 47	0 52	0 59	1 08	1 21	1 41	2 16	3 30	1 08	1 21	1 41	2 16	23	33
3	53	0 54	0 50	0 55	1 00	1 08	1 18	1 33	1 56	2 36	3 59	1 08	1 18	1 33	2 36	23	13
4	13	0 50	0 56	1 01	1 07	1 16	1 27	1 44	2 10	2 54	4 27	1 16	1 27	1 44	2 10	22	53
4	33	0 46	1 02	1 07	1 14	1 23	1 36	1 54	2 22	3 10	4 52	1 23	1 36	1 54	2 22	22	33
4	53	0 42	1 07	1 13	1 20	1 30	1 44	2 03	2 33	3 25	5 14	1 30	1 44	2 03	2 33	22	13
5	13	0 37	1 11	1 17	1 25	1 36	1 50	2 11	2 48	3 38	5 33	1 36	1 50	2 11	2 48	21	53
5	33	0 32	1 15	1 22	1 30	1 41	1 56	2 18	2 52	3 50	5 49	1 41	1 56	2 18	2 52	21	33
5	53	0 27	1 19	1 25	1 34	1 46	2 02	2 24	2 59	3 59	6 02	1 46	2 02	2 24	2 59	21	13
6	13	0 22	1 21	1 28	1 37	1 49	2 06	2 29	3 05	4 06	6 12	1 49	2 06	2 29	3 05	20	53
6	33	0 16	1 24	1 31	1 40	1 52	2 09	2 33	3 09	4 11	6 19	1 52	2 09	2 33	3 09	20	33
6	53	0 10	1 25	1 32	1 42	1 54	2 11	2 35	3 12	4 15	6 22	1 54	2 11	2 35	3 12	20	13
7	13	+0 05	1 26	1 33	1 43	1 55	2 12	2 36	3 13	4 16	6 23	1 55	2 12	2 36	3 13	19	53
7	33	-0 01	1 26	1 33	1 43	1 55	2 12	2 36	3 13	4 15	6 20	1 55	2 12	2 36	3 13	19	33
7	53	0 07	1 26	1 33	1 42	1 54	2 11	2 35	3 11	4 12	6 15	1 54	2 11	2 35	3 11	19	13
8	13	0 13	1 25	1 32	1 41	1 53	2 09	2 33	3 08	4 08	6 07	1 53	2 09	2 33	3 08	18	53
8	33	0 18	1 23	1 30	1 39	1 50	2 06	2 29	3 04	4 01	5 56	1 50	2 06	2 29	3 04	18	33
8	53	0 24	1 20	1 27	1 36	1 47	2 03	2 24	2 58	3 53	5 42	1 47	2 03	2 24	2 58	18	13
9	13	0 29	1 17	1 24	1 32	1 43	1 58	2 19	2 51	3 43	5 27	1 43	1 58	2 19	2 51	17	53
9	33	0 34	1 14	1 20	1 28	1 38	1 52	2 12	2 42	3 32	5 09	1 38	1 52	2 12	2 42	17	33
9	53	0 39	1 10	1 16	1 23	1 33	1 46	2 05	2 33	3 19	4 50	1 33	1 46	2 05	2 33	17	13
10	13	0 43	1 05	1 11	1 17	1 26	1 39	1 56	2 22	3 05	4 29	1 26	1 39	1 56	2 22	16	53
10	33	0 47	1 00	1 05	1 11	1 20	1 31	1 47	2 11	2 50	4 06	1 20	1 31	1 47	2 11	16	33
10	53	0 51	0 55	0 59	1 05	1 12	1 22	1 37	1 59	2 34	3 42	1 12	1 22	1 37	1 59	16	13
11	13	0 54	0 49	0 53	0 58	1 04	1 13	1 26	1 45	2 17	3 17	1 04	1 13	1 26	1 45	15	53
11	33	0 57	0 42	0 46	0 50	0 56	1 04	1 15	1 32	1 59	2 50	1 04	1 15	1 32	1 59	15	33
11	53	1 00	0 36	0 39	0 42	0 47	0 54	1 03	1 17	1 40	2 23	0 42	0 47	0 54	1 03	15	13
12	13	1 02	0 29	0 31	0 34	0 38	0 44	0 51	1 02	1 21	1 55	0 31	0 34	0 38	0 44	14	53
12	33	1 04	0 22	0 24	0 26	0 29	0 33	0 39	0 47	1 01	1 27	0 24	0 26	0 29	0 33	14	33
12	53	1 05	0 15	0 16	0 17	0 19	0 22	0 26	0 32	0 41	0 58	0 16	0 19	0 22	0 26	14	13
13	13	1 06	0 07	0 08	0 09	0 10	0 11	0 13	0 16	0 21	0 29	0 08	0 09	0 10	0 11	13	53
13	33	-1 06	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	13	33

Первый столбец таблицы дает разность $(h - \varphi)$ Полярной по аргументу звездное время S. Для нахождения высоты h Полярной нужно к φ прибавить или вычесть значение $(h - \varphi)$, взятое из таблицы по аргументу звездн. времени S.

В остальных столбцах даны азимуты Полярной, отсчитываемые от точки севера по аргументам звездного врем. S и широты φ . Азимут будет западный, когда аргумент S лежит слева $(1 33 \leq S \leq 13 33)$, и восточный, когда аргумент S лежит справа.

ТАБЛИЦЫ ДЛЯ ОПРЕДЕЛЕНИЯ ШИРОТЫ ПО НАБЛЮДЕНИЯМ ПОЛЯРНОЙ
ВНЕ МЕРИДИАНА.

ТАБЛИЦА I,

СОДЕРЖАЩАЯ ПЕРВУЮ ПОПРАВКУ.

Аргумент — звездное время наблюдения.

	h 0	h 1	h 2	h 3	h 4	h 5	h 6	h 7
m	o' m	o' m	o' m	o' m	o' m	o' m	o' m	o' m
0	-0 59 36	-1 4 17	-1 4 35	-1 0 29	-0 52 55	-0 40 28	-0 25 55	-0 9 36
2	0 59 50	1 4 22	1 4 31	1 0 16	0 51 54	0 40 1	0 25 24	0 9 3
4	1 0 4	1 4 27	1 4 27	1 0 4	0 51 33	0 39 34	0 24 52	0 8 29
6	1 0 16	1 4 31	1 4 22	0 59 50	0 51 13	0 39 7	0 24 21	0 7 56
8	1 0 29	1 4 35	1 4 17	0 59 36	0 50 52	0 38 39	0 23 49	0 7 21
10	-1 0 41	-1 4 39	-1 4 12	-0 59 22	-0 50 30	-0 38 12	-0 23 18	-0 6 48
12	1 0 53	1 4 42	1 4 6	0 59 8	0 50 9	0 37 44	0 22 46	0 6 14
14	1 1 5	1 4 45	1 4 0	0 58 55	0 49 47	0 37 17	0 22 13	0 5 40
16	1 1 16	1 4 48	1 3 55	0 58 41	0 49 25	0 36 49	0 21 41	0 5 6
18	1 1 27	1 4 51	1 3 49	0 58 26	0 49 4	0 36 21	0 21 9	0 4 32
20	-1 1 38	-1 4 53	-1 3 42	-0 58 10	-0 48 41	-0 35 53	-0 20 37	-0 3 58
22	1 1 49	1 4 55	1 3 35	0 57 55	0 48 18	0 35 24	0 20 5	0 3 24
24	1 2 0	1 4 57	1 3 28	0 57 39	0 47 56	0 34 55	0 19 33	0 2 50
26	1 2 10	1 4 58	1 3 21	0 57 23	0 47 32	0 34 26	0 19 0	0 2 16
28	1 2 19	1 4 59	1 3 13	0 57 7	0 47 8	0 33 58	0 18 28	0 1 42
30	-1 2 28	-1 4 59	-1 3 4	-0 56 51	-0 46 45	-0 33 29	-0 17 54	-0 1 8
32	1 2 37	1 5 0	1 2 55	0 56 34	0 46 21	0 33 0	0 17 22	-0 0 34
34	1 2 46	1 5 0	1 2 46	0 56 17	0 45 58	0 32 30	0 16 49	0 0 0
36	1 2 55	1 5 0	1 2 37	0 56 0	0 45 34	0 32 0	0 16 16	+0 0 34
38	1 3 4	1 4 59	1 2 28	0 55 43	0 45 9	0 31 31	0 15 43	0 1 8
40	-1 3 13	-1 4 59	-1 2 19	-0 55 25	-0 44 45	-0 31 1	-0 15 10	+0 1 42
42	1 3 21	1 4 58	1 2 10	0 55 7	0 44 20	0 30 32	0 14 38	0 2 16
44	1 3 28	1 4 57	1 2 0	0 54 49	0 43 54	0 30 1	0 14 4	0 2 50
46	1 3 35	1 4 55	1 1 49	0 54 31	0 43 29	0 29 31	0 13 31	0 3 24
48	1 3 42	1 4 53	1 1 38	0 54 12	0 43 3	0 29 0	0 12 57	0 3 58
50	-1 3 49	-1 4 51	-1 1 27	-0 53 53	-0 42 38	-0 28 30	-0 12 24	+0 4 32
52	1 3 55	1 4 48	1 1 16	0 53 35	0 42 12	0 27 59	0 11 50	0 5 6
54	1 4 0	1 4 45	1 1 5	0 53 15	0 41 46	0 27 29	0 11 17	0 5 40
56	1 4 6	1 4 42	1 0 53	0 52 55	0 41 20	0 26 57	0 10 43	0 6 14
58	1 4 12	1 4 39	1 0 41	0 52 35	0 40 54	0 26 27	0 10 10	0 6 48
60	-1 4 17	-1 4 35	-1 0 29	-0 52 15	-0 40 28	-0 25 55	-0 9 36	+0 7 21

ТАБЛИЦЫ ДЛЯ ОПРЕДЕЛЕНИЯ ШИРОТЫ ПО НАБЛЮДЕНИЯМ ПОЛЯРНОЙ
ВНЕ МЕРИДИАНА.

ТАБЛИЦА I,
СОДЕРЖАЩАЯ ПЕРВУЮ ПОПРАВКУ.
Аргумент — звездное время наблюдения.

	h	h	h	h	h	h	h	h
	8	9	10	11	12	13	14	15
m	o' m	o' m	o' m	o' m	o' m	o' m	o' m	o' m
0	+0 7 21	+0 23 49	+0 38 39	+0 50 52	+0 59 36	+1 4 17	+1 4 35	+1 0 29
2	0 7 55	0 24 21	0 39 7	0 51 13	0 59 50	1 4 22	1 4 31	1 0 16
4	0 8 29	0 24 52	0 39 34	0 51 33	1 0 4	1 4 27	1 4 27	1 0 4
6	0 9 3	0 25 42	0 40 1	0 51 54	1 0 16	1 4 31	1 4 22	0 59 50
8	0 9 36	0 25 55	0 40 28	0 52 15	1 0 29	1 4 35	1 4 17	0 59 36
10	+0 10 10	+0 26 27	+0 40 54	+0 52 35	+1 0 41	+1 4 39	+1 4 12	+0 59 22
12	0 10 43	0 26 57	0 41 20	0 52 55	1 0 53	1 4 42	1 4 6	0 59 8
14	0 11 17	0 27 29	0 41 46	0 53 15	1 1 5	1 4 45	1 4 0	0 58 55
16	0 11 50	0 27 59	0 42 12	0 53 35	1 1 16	1 4 48	1 3 55	0 58 41
18	0 12 24	0 28 30	0 42 38	0 53 53	1 1 27	1 4 51	1 3 49	0 58 26
20	+0 12 57	+0 29 0	+0 43 3	+0 54 12	+1 1 38	+1 4 53	+1 3 42	+0 58 10
22	0 13 31	0 29 31	0 43 29	0 54 31	1 1 49	1 4 55	1 3 35	0 57 55
24	0 14 4	0 30 1	0 43 54	0 54 49	1 2 0	1 4 57	1 3 28	0 57 39
26	0 14 38	0 30 32	0 44 20	0 55 7	1 2 10	1 4 58	1 3 21	0 57 23
28	0 15 10	0 31 1	0 44 45	0 55 25	1 2 19	1 4 59	1 3 13	0 57 7
30	+0 15 43	+0 31 31	+0 45 9	+0 55 43	+1 2 28	+1 4 59	+1 3 4	+0 56 51
32	0 16 16	0 32 0	0 45 34	0 56 0	1 2 37	1 5 0	1 2 55	0 56 34
34	0 16 49	0 32 30	0 45 58	0 56 17	1 2 46	1 5 0	1 2 46	0 56 17
36	0 17 22	0 33 0	0 46 21	0 56 37	1 2 55	1 5 0	1 2 37	0 56 0
38	0 17 54	0 33 29	0 46 45	0 56 51	1 3 4	1 4 59	1 2 28	0 55 43
40	+0 18 28	+0 33 58	+0 47 8	+0 57 7	+1 3 13	+1 4 59	+1 2 19	+0 55 25
42	0 19 0	0 34 26	0 47 32	0 57 23	1 3 21	1 4 58	1 2 10	0 55 7
44	0 19 33	0 34 56	0 47 56	0 57 39	1 3 28	1 4 57	1 2 0	0 54 49
46	0 20 5	0 35 24	0 48 18	0 57 55	1 3 35	1 4 55	1 1 49	0 54 31
48	0 20 37	0 35 53	0 48 41	0 58 10	1 3 42	1 4 53	1 1 38	0 54 12
50	+0 21 9	+0 36 21	+0 49 4	+0 58 26	+1 3 49	+1 4 51	+1 1 27	+0 53 53
52	0 21 41	0 36 49	0 49 25	0 58 41	1 3 55	1 4 48	1 1 16	0 53 35
54	0 22 13	0 37 17	0 49 47	0 58 55	1 4 0	1 4 45	1 1 5	0 53 15
56	0 22 46	0 37 44	0 50 9	0 59 8	1 4 6	1 4 42	1 0 53	0 52 55
58	0 23 18	0 38 12	0 50 30	0 59 22	1 4 12	1 4 39	1 0 41	0 52 35
60	+0 23 49	+0 38 39	+0 50 52	+0 59 36	+1 4 17	+1 4 35	+1 0 29	+0 52 15

ТАБЛИЦЫ ДЛЯ ОПРЕДЕЛЕНИЯ ШИРОТЫ ПО НАБЛЮДЕНИЯМ ПОЛЯРНОЙ
ВНЕ МЕРИДИАНА.ТАБЛИЦА I,
СОДЕРЖАЩАЯ ПЕРВУЮ ПОПРАВКУ.
Аргумент — звездное время наблюдения.

	^h 16	^h 17	^h 18	^h 19	^h 20	^h 21	^h 22	^h 23
<i>m</i>	<i>o' "</i>							
0	+0 52 55	+0 40 28	+0 25 55	+0 9 36	-0 7 21	-0 23 49	-0 38 39	-0 50 52
2	0 51 54	0 40 1	0 25 24	0 9 3	0 7 56	0 24 21	0 39 7	0 51 13
4	0 51 33	0 39 34	0 24 52	0 8 29	0 8 29	0 24 52	0 39 34	0 51 33
6	0 51 13	0 39 7	0 24 21	0 7 56	0 9 3	0 25 42	0 40 1	0 51 54
8	0 50 52	0 38 39	0 23 49	0 7 21	0 9 36	0 25 55	0 40 28	0 52 15
10	+0 50 30	+0 38 12	+0 23 18	+0 6 48	-0 10 10	-0 26 27	-0 40 54	-0 52 35
12	0 50 9	0 37 44	0 22 46	0 6 14	0 10 43	0 26 57	0 41 20	0 52 55
14	0 49 47	0 37 17	0 22 13	0 5 40	0 11 17	0 27 29	0 41 46	0 53 15
16	0 49 25	0 36 49	0 21 41	0 5 6	0 11 50	0 27 59	0 42 12	0 53 35
18	0 49 4	0 36 21	0 21 9	0 4 32	0 12 24	0 28 30	0 42 38	0 53 53
20	+0 48 41	+0 35 53	+0 20 37	+0 3 58	-0 12 57	-0 29 0	-0 43 3	-0 54 12
22	0 48 18	0 35 24	0 20 5	0 3 24	0 13 31	0 29 31	0 43 29	0 54 31
24	0 47 56	0 34 56	0 19 33	0 2 50	0 14 4	0 30 1	0 43 54	0 54 49
26	0 47 32	0 34 26	0 19 0	0 2 16	0 14 38	0 30 32	0 44 20	0 55 7
28	0 47 8	0 33 58	0 18 28	0 1 42	0 15 10	0 31 1	0 44 45	0 55 25
30	+0 46 45	+0 33 29	+0 17 54	+0 1 8	-0 15 43	0 31 31	-0 45 9	-0 55 43
32	0 46 21	0 33 0	0 17 22	+0 0 34	0 16 16	0 32 0	0 45 34	0 56 0
34	0 45 58	0 32 30	0 16 49	0 0 0	0 16 49	0 32 30	0 45 58	0 56 17
36	0 45 34	0 32 0	0 16 16	-0 0 34	0 17 22	0 33 0	0 46 21	0 56 37
38	0 45 9	0 31 31	0 15 43	0 1 8	0 17 54	0 33 29	0 46 45	0 56 51
40	+0 44 45	+0 31 1	+0 15 10	-0 1 42	-0 18 28	-0 33 58	-0 47 8	-0 57 7
42	0 44 20	0 30 32	0 14 38	0 2 16	0 19 0	0 34 26	0 47 32	0 57 23
44	0 43 54	0 30 1	0 14 4	0 2 50	0 19 33	0 34 56	0 47 56	0 57 39
46	0 43 29	0 29 31	0 13 31	0 3 24	0 20 5	0 35 24	0 48 18	0 57 55
48	0 43 3	0 29 0	0 12 57	0 3 58	0 20 37	0 35 53	0 48 41	0 58 10
50	+0 42 38	+0 28 30	+0 12 24	-0 4 32	-0 21 9	-0 36 21	-0 49 4	-0 58 26
52	0 42 12	0 27 59	0 11 50	0 5 6	0 21 41	0 36 49	0 49 25	0 58 41
54	0 41 46	0 27 29	0 11 17	0 5 40	0 22 13	0 37 17	0 49 47	0 58 55
56	0 41 20	0 26 57	0 10 43	0 6 14	0 22 46	0 37 44	0 50 9	0 59 8
58	0 40 54	0 26 27	0 10 10	0 6 48	0 23 18	0 38 12	0 50 30	0 59 22
60	+0 40 28	+0 25 55	+0 9 36	-0 7 21	-0 23 49	-0 38 39	-0 50 52	-0 59 36

ТАБЛИЦЫ ДЛЯ ОПРЕДЕЛЕНИЯ ШИРОТЫ ПО НАБЛЮДЕНИЯМ ПОЛЯРНОЙ
ВНЕ МЕРИДИАНА.

ТАБЛИЦА II,

СОДЕРЖАЩАЯ ВТОРУЮ ПОПРАВКУ (всегда положительн.).
Аргумент — звездное время наблюдения и высота.

Звездн. вр. наблюд.	В Ы С О Т А									Звездн. вр. наблюд.
	0°	5°	10°	15°	20°	25°	30°	35°		
h m	' "	' "	' "	' "	' "	' "	' "	' "	' "	h m
0 0	0 0	0 1	0 1	0 2	0 2	0 3	0 3	0 4	0 4	12 0
0 30	0 0	0 0	0 1	0 1	0 1	0 1	0 2	0 2	0 2	30
1 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 1	0 1	13 0
1 30	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	30
2 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	14 0
2 30	0 0	0 0	0 0	0 1	0 1	0 1	0 1	0 2	0 2	30
3 0	0 0	0 0	0 1	0 1	0 2	0 3	0 3	0 4	0 4	15 0
3 30	0 0	0 1	0 2	0 2	0 3	0 4	0 5	0 6	0 6	30
4 0	0 0	0 1	0 2	0 4	0 5	0 6	0 8	0 9	0 9	16 0
4 30	0 0	0 2	0 3	0 5	0 7	0 9	0 11	0 13	0 13	30
5 0	0 0	0 2	0 4	0 6	0 8	0 11	0 13	0 16	0 16	17 0
5 30	0 0	0 2	0 5	0 7	0 10	0 13	0 15	0 18	0 18	30
6 0	0 0	0 3	0 6	0 9	0 12	0 14	0 17	0 21	0 21	18 0
6 30	0 0	0 3	0 6	0 9	0 13	0 15	0 19	0 24	0 24	30
7 0	0 0	0 3	0 7	0 10	0 14	0 16	0 20	0 25	0 25	19 0
7 30	0 0	0 3	0 7	0 10	0 14	0 17	0 21	0 26	0 26	30
8 0	0 0	0 3	0 7	0 10	0 14	0 17	0 21	0 25	0 25	20 0
8 30	0 0	0 3	0 6	0 10	0 13	0 16	0 20	0 24	0 24	30
9 0	0 0	0 3	0 6	0 9	0 12	0 15	0 18	0 22	0 22	21 0
9 30	0 0	0 3	0 5	0 8	0 11	0 14	0 16	0 19	0 19	30
10 0	0 0	0 2	0 4	0 7	0 9	0 11	0 14	0 16	0 16	22 0
10 30	0 0	0 2	0 3	0 5	0 7	0 9	0 11	0 14	0 14	30
11 0	0 0	0 1	0 2	0 4	0 5	0 7	0 8	0 10	0 10	23 0
11 30	0 0	0 1	0 2	0 3	0 4	0 5	0 6	0 7	0 7	30
12 0	0 0	0 1	0 1	0 2	0 2	0 3	0 3	0 4	0 4	24 0

ТАБЛИЦА III (на 1928 г.),

СОДЕРЖАЩАЯ ТРЕТЬЮ ПОПРАВКУ (всегда положительн.).
Аргумент — звездное время наблюдения и дата.

Звездн. вр. наблюд.	1 Январ.		1 Февр.		1 Марта		1 Апр.		1 Мая		1 Июня		1 Июля	
	' "	' "	' "	' "	' "	' "	' "	' "	' "	' "	' "	' "	' "	' "
h	' "	' "	' "	' "	' "	' "	' "	' "	' "	' "	' "	' "	' "	' "
0	1 31	1 29	1 22	1 12	1 4	1 0	1 2							
2	1 16	1 19	1 16	1 8	1 0	0 52	0 48							
4	0 57	1 5	1 6	1 3	0 55	0 46	0 38							
6	0 39	0 49	0 55	0 56	0 52	0 43	0 34							
8	0 26	0 36	0 45	0 51	0 51	0 44	0 37							
10	0 22	0 30	0 39	0 48	0 52	0 52	0 46							
12	0 29	0 32	0 38	0 48	0 56	1 0	0 58							
14	0 44	0 41	0 44	0 52	1 0	1 8	1 12							
16	1 3	0 55	0 54	0 57	1 5	1 14	1 22							
18	1 21	1 11	1 5	1 4	1 8	1 17	1 26							
20	1 34	1 24	1 15	1 9	1 9	1 16	1 23							
22	1 38	1 30	1 21	1 12	1 8	1 8	1 14							
24	1 31	1 29	1 22	1 12	1 4	1 0	1 2							

ТАБЛИЦЫ ДЛЯ ОПРЕДЕЛЕНИЯ ШИРОТЫ ПО НАБЛЮДЕНИЯМ ПОЛЯРНОЙ
ВНЕ МЕРИДИАНА.

ТАБЛИЦА II,
СОДЕРЖАЩАЯ ВТОРУЮ ПОПРАВКУ (всегда положительн.).
Аргумент — звездное время наблюдения и высота.

Звездн. вр. наблюд.	В Ы С О Т А								Звездн. вр. наблюд.	
	35°	40°	45°	50°	55°	60°	65°	70°		
h m	' "	' "	' "	' "	' "	' "	' "	' "	' "	h m
0 0	0 4	0 5	0 6	0 7	0 9	0 10	0 13	0 16		12 0
30	0 2	0 2	0 3	0 3	0 4	0 5	0 6	0 8		30
1 0	0 1	0 1	0 1	0 1	0 1	0 1	0 2	0 2		13 0
30	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0		30
2 0	0 0	0 0	0 0	0 1	0 1	0 1	0 1	0 1		14 0
30	0 2	0 2	0 2	0 3	0 3	0 4	0 5	0 6		30
3 0	0 4	0 4	0 5	0 6	0 7	0 9	0 11	0 14		15 0
30	0 6	0 7	0 9	0 11	0 13	0 15	0 18	0 24		30
4 0	0 9	0 11	0 13	0 16	0 18	0 22	0 28	0 36		16 0
30	0 13	0 15	0 17	0 21	0 25	0 31	0 38	0 49		30
5 0	0 16	0 19	0 22	0 27	0 32	0 39	0 49	1 2		17 0
30	0 19	0 22	0 27	0 32	0 39	0 47	0 58	1 15		30
6 0	0 21	0 26	0 31	0 37	0 45	0 53	1 7	1 25		18 0
30	0 24	0 28	0 34	0 41	0 49	0 59	1 13	1 33		30
7 0	0 25	0 30	0 36	0 43	0 51	1 2	1 18	1 40		19 0
30	0 26	0 31	0 37	0 44	0 52	1 4	1 19	1 41		30
8 0	0 25	0 30	0 37	0 44	0 52	1 3	1 18	1 40		20 0
30	0 24	0 29	0 35	0 42	0 49	1 0	1 15	1 35		30
9 0	0 22	0 27	0 32	0 38	0 46	0 55	1 9	1 27		21 0
30	0 19	0 23	0 28	0 34	0 41	0 49	1 0	1 18		30
10 0	0 16	0 20	0 24	0 28	0 34	0 41	0 51	1 5		22 0
30	0 14	0 16	0 19	0 22	0 27	0 33	0 41	0 52		30
11 0	0 10	0 12	0 15	0 17	0 20	0 25	0 31	0 39		23 0
30	0 7	0 8	0 10	0 12	0 14	0 17	0 21	0 27		30
12 0	0 4	0 5	0 6	0 7	0 8	0 10	0 13	0 16		24 0

ТАБЛИЦА III (на 1928 г.),
СОДЕРЖАЩАЯ ТРЕТЬЮ ПОПРАВКУ (всегда положительн.).
Аргумент — звездное время наблюдения и дата.

Звездн. вр. наблюд.	1 Июля		1 Авг.		1 Сент.		1 Окт.		1 Нояб.		1 Дек.		31 Дек.	
	' "	' "	' "	' "	' "	' "	' "	' "	' "	' "	' "	' "	' "	' "
h	' "	' "	' "	' "	' "	' "	' "	' "	' "	' "	' "	' "	' "	' "
0	1 2	1 8	1 18	1 29	1 41	1 50	1 53							
2	0 48	0 50	0 56	1 5	1 18	1 28	1 36							
4	0 38	0 38	0 35	0 40	0 50	1 0	1 10							
6	0 34	0 26	0 21	0 20	0 25	0 31	0 41							
8	0 37	0 27	0 17	0 11	0 9	0 10	0 17							
10	0 46	0 36	0 25	0 15	0 7	0 3	0 5							
12	0 58	0 52	0 42	0 31	0 19	0 10	0 7							
14	1 12	1 10	1 4	0 55	0 42	0 32	0 24							
16	1 22	1 26	1 25	1 20	1 10	1 0	0 50							
18	1 26	1 34	1 39	1 40	1 35	1 29	1 19							
20	1 23	1 33	1 43	1 49	1 51	1 50	1 43							
22	1 14	1 24	1 35	1 45	1 53	1 57	1 55							
24	1 2	1 8	1 18	1 29	1 41	1 50	1 53							

1928.

З а т м е н и я .

В 1928 году произойдут три солнечных затмения и два лунных; погружений Луны только в полутень Земли не произойдет.

1. Полное солнечное затмение 1928, мая 19.

		Всемирн. время,	Широта.	Долгота зап. от Гринв.
		ч м		
Начало затмения вообще	май 19,	11 25. 4	-54°17'	52°17'
Начало полного затмения		13 11. 9	-67 11	347 42
Конец		13 36. 2	-58 24	330 46
Конец затмения вообще		15 22. 6	-21 23	329 40

Затмение видимо в южной оконечности Южи. Америки, в южных частях Атлантического Океана и Африки, на Мадагаскаре и в юго-западной части Индийского Океана. Ось конуса тени не касается Земли.

2. Полное лунное затмение 1928, июня 3.

		Всемирн. время.
		ч м
Начало затмения	июня 3,	10 17. 6
Начало полного затмения		11 31. 3
Середина		12 9. 4
Конец		12 47. 6
Конец затмения вообще		14 1. 6

Фаза = 1.25.

Начало затмения видимо в Южи. Америке, Тихом Океане, Австралии и в восточной Азии; конец в Тихом Океане, Австралии и Азии.

3. Частное солнечное затмение 1928, июня 17.

		Всемирн. время.	Широта.	Долгота зап. от Гринв.
		ч м		
Начало затмения	июня 17,	20 1. 6	+61°51'	264° 8'
Середина		20 27. 0	+65 39	289 27
Конец		20 52. 3	+66 31	318 18

Наибольшая фаза = 0.037.

4. Частное солнечное затмение 1928, ноября 12.

		Всемирн. время.	
Соединение по AR	ноября 12,	h	m s
Луны и Солнца AR		15	9 9.66
Движение их, в час		+1	56.22 и +10.18
Склонение Луны		-16°	37' 47." 5
" Солнца		-17	40 43. 4
Движение их, в час		-10	36. 2 и -0' 40." 8
Гориз. экват. параллакс Луны		54	7. 7
" Солнца			8. 9
Полудиамер Л ны		14	44. 2
" Солнца		16	9 8

		Всемирн. время.	Широта.	Долгота зап. от Гривв.
Начало затмения	ноября 12,	h m s	+59°54'	353°56'
Середина		9 47. 9	+62 40	279 1
Конец		12 2. 8	+21 25	281 51

Наибольшая фаза = 0.808.

Затмение видимо в Европе, за исключением Испании, в северо-восточной части Африки и в Азии, до меридиана 255° зап. долготы.

Условия видимости для некоторых пунктов СССР.

М Е С Т О .	Н а ч а л о .			Наиб. фаза.		К о н е ц .		
	T	P	Z	T	g	T	P	Z
Одесса	h m s	°	°	h m s		h m s	°	°
Харьков	7 44 29	336	357	9 4 34	0.456	10 28 13	91	82
Харьков	7 45 36	327	343	9 10 25	0.555	10 37 31	95	82
Киев	7 41 31	331	351	9 1 47	0.500	10 25 32	92	85
Москва	7 44 47	321	334	9 8 46	0.618	10 34 31	98	86
Казань	7 55 44	314	319	9 24 3	0.702	10 51 18	101	81
Ленинград	7 40 3	322	337	8 58 56	0.591	10 20 26	96	91

T — момент во всемирном времени;

P — углы от полюса;

Z — углы от зенита.

Бесселевы элементы солнечного затмения 1928 г., ноября 12.

Всемирное время	x	y	log sin d.	log cos d.	H	u _a
7 ^h 30 ^m	-0.68663	+1.43394	9.48211 _n	9.97902	296° 27.1	+0.57230
40	0.60822	1.40331	9.48215 _n	9.97902	298 57.1	0.57231
50	0.52980	1.37267	9.48219 _n	9.97901	301 27.1	0.57233
8 0	-0.45138	+1.34204	9.48224 _n	9.97901	303 57.1	+0.57234
10	0.37296	1.31141	9.48228 _n	9.97900	306 27.1	0.57235
20	0.29454	1.28079	9.48232 _n	9.97900	308 57.1	0.57236
30	0.21611	1.25017	9.48236 _n	9.97900	311 27.1	0.57238
40	0.13768	1.21955	9.48241 _n	9.97899	313 57.1	0.57239
50	-0.05925	1.18893	9.48245 _n	9.97899	316 27.1	0.57240
9 0	+0.01918	+1.15832	9.48249 _n	4.97898	318 57.1	+0.57241
10	0.09761	1.12771	9.48254 _n	9.97898	321 27.1	0.57242
20	0.17604	1.09710	9.48258 _n	9.97897	323 57.1	0.57243
30	0.25448	1.06650	9.48262 _n	9.97897	326 27.1	0.57244
40	0.33292	1.03590	9.48267 _n	9.97896	328 57.1	0.57244
50	0.41136	1.00531	9.48271 _n	9.97896	331 7.1	0.57245
10 0	+0.48980	+0.97472	9.48275 _n	9.97896	333 57.1	+0.57246
10	0.56824	0.94413	9.48280 _n	9.97895	336 27.1	0.57246
20	0.64668	0.91354	9.48284 _n	9.97895	338 57.1	0.57247
30	0.72512	0.88296	9.48288 _n	9.97894	341 27.1	0.57247
40	0.80356	0.85239	9.48292 _n	9.97894	343 57.1	0.57248
50	0.88201	0.82182	9.48297 _n	9.97893	346 27.1	0.57248
11 0	+0.96045	+0.79125	9.48301 _n	9.97893	348 57.1	+0.57248
10	1.03889	0.76068	9.48305 _n	9.97892	351 27.1	0.57249
20	1.11733	0.73012	9.48309 _n	9.97892	353 57.1	0.57249
30	1.19578	0.69957	9.48314 _n	9.97892	356 27.1	0.57249
40	1.27422	0.66902	9.48318 _n	9.97891	358 57.1	0.57249
50	1.35266	0.63847	9.48323 _n	9.97891	1 27.1	0.57249

Всем. время.	x'	y'	log tg f _a
7 ^h 0 ^m	+0.007840	-0.003065	7.67451
8 0	0.007842	0.003063	7.67452
9 0	0.007843	0.003061	7.67452
10 0	0.007844	0.003059	7.67452
11 0	0.007844	0.003057	7.67453
12 0	+0.007844	-0.003054	7.67453

5. Полное лунное затмение 1928, ноября 27.

	Всемирное время.
Начало затмения	ноября 27, 7 ^h 23. ^m 8
Начало полного затмения.	8 33. 1
Середина	9 1. 2
Конец	9 29. 3
Конец затмения	10 39. 0

Начало видимо в сев.-зап. частях Европы, в Атлантическом Океане, Америке, Тихом Океане. Конец — в Сев. Америке, Австралии и восточных частях Азии.

Объяснение к таблицам Ежегодника.

С 1925 года Астрономический Ежегодник по примеру всех иностранных Ежегодников, перешел на *гражданский* счет времени, в котором сутки начинаются в *полночь*, т. е. на 12 часов раньше, чем до тех пор считалось в Астрономии.

Основным меридианом попрежнему считается гринвичский и введенному, таким образом, гринвичскому гражданскому времени дается название *всемирного* времени (Welt Zeit, Temps Universel).

Новое правило счета суток должно было отразиться и на счете юлианских дней, как было показано в объяснении к Ежегоднику 1925 г. Но, в виду выяснившихся при таком переходе практических неудобств, Астрономический Союз (Union Astronomique) летом 1925 года предложил при счете юлианских дней придерживаться прежнего астрономического счета времени, считая за начало суток *полдень*, следующий через 12 часов за началом суток гражданских. Таким образом, моменты, показанные во всемирном времени, придется *уменьшать* на 12^h или $0^d,5$ при переходе к счету в юлианских днях.

Напр.: 1928, март 10, 6^h всемирн. время = I. D. 2425315.75.

Эфемериды Солнца. На левых страницах эфемериды (2—18) дано: *уравнение времени* на средний полдень, придаваемое с его знаком к истинному времени для перехода к среднему времени и часовое изменение этой величины; *видимое прямое восхождение Солнца*; *видимое склонение* его с часовым изменением, *полу диаметр Солнца* и *звездное время*. Все эти величины даны для 12^h всемирного времени, т. е. на средний гринвичский полдень.

Интерполирование всех имеющихся в эфемериде величин производится с помощью их *часовых изменений*, данных в таблицах. При этом, если требуется совершенная точность вычисления, то следует предварительно найти величину часового изменения для момента, *среднего* между заданным и ближайшим табличным полуднем, и это часовое изменение умножить на интервал, протекающий между данным моментом и полуднем, выразив этот интервал в часах и их долях.

Так, напр., часовое изменение склонения Солнца для гринвичского полудня мая 5 равно $+42''.75$; для полудня мая 6 оно равно $42''.07$; если требуется найти склонение Солнца для мая 5, 18^h всемирн. вр., то часовое изменение нужно найти для момента: май 5, 15^h , иными словами, нужно проинтерполировать его на 3 часа, т. е. на $\frac{1}{8}$ табличного (суточного) интервала, что дает величину: $+42''.67$, которая и умножится на 6; таким образом изменение склонения составит: $+4'16''.02$, и потому для момента май 5, 18^h найдем: $\delta = +16^\circ 20'3''.3$.

Перевод времен. С помощью приведенных в Ежегоднике величин, именно уравнения времени, видимого прямого восхождения Солнца и звездного времени решаются разнообразные задачи на перевод времен, т.-е. на переход от среднего времени к истинному или звездному и обратно. При решении этих задач указанные величины надлежит интерполировать к моменту наблюдения, а так как их табличные значения приведены в наших эфемеридах для гринвичского полудня, то аргументом интерполяции будет служить интервал, отделяющий ближайший гринвичский полдень от заданного момента; для нахождения этого интервала заданный момент нужно выразить в гринвичском времени.

Обозначим через α , E и S видимое прямое восхождение Солнца, уравнение времени и звездное время, соответствующее какому либо определенному моменту; через α_0 , E_0 , S_0 — значения тех же величин для среднего полудня на меридиане Гринвича; как не трудно убедиться непосредственно, эти три величины всегда связаны соотношением:

$$1) \quad \alpha_0 = E_0 + S_0.$$

Отсюда мы заключаем, между прочим, что часовое изменение видимого прямого восхождения Солнца равно часовому изменению уравнения времени, сложенному с часовым изменением звездного времени; а так как это последнее всегда равно $9^s \cdot 856$, то, называя через Δ часовые изменения указанных величин, имеем:

$$2) \quad \Delta \alpha = \Delta E + 9^s \cdot 856.$$

Переходим к различным типам задач на перевод времен.

А) По заданному среднему местному времени найти местное истинное время. Обозначим через H_c среднее местное (гражданское) время, считаемое от местной полуночи; через H_v местное истинное время, иными словами, местный часовой угол истинного Солнца, считаемый от его верхней кульминации, т.-е. от местного истинного полудня. При этих обозначениях для решения поставленной задачи служит формула:

$$3) \quad H_v = H_c - E \pm 12^h.$$

Величина E , входящая в эту формулу, интерполируется непосредственно к заданному моменту H_c , помня сделанные вышеуказания относительно аргумента интерполяции.

В) По заданному среднему времени найти соответствующее звездное. Так как заданное местное время считается от полуночи, а звездное время дано в Ежегоднике для момента гринвичского полудня, то для решения поставленной задачи необходимо: найти интервал среднего времени, протекший

от ближайшего предшествующего гринвичского полудня до заданного момента, при чем последний должен быть для этого выражен в гринвичском времени; исправить этот интервал поправкой за переход от среднего времени к звездному (Вспомогательные таблицы Астрон. Ежегодн., стр. 3); придать полученный таким образом звездный интервал к звездному времени на средний гринвичский полдень. Таким образом, будет получено гринвичское звездное время, соответствующее заданному моменту среднего времени, и это гринвичское время надлежит перевести по долготе в местное звездное.

Если заданный средний момент ближе к среднему гринвичскому *последующему* полудню, то можно образовать средний интервал, *не дошедший* от момента наблюдения до последующего гринвичского полудня, и этот интервал, по переводе его в звездный, вычитать из звездного времени, данного в Ежегоднике для последующего гринвичского полудня.

Кроме того, можно несколько упростить вычисления, если вместо звездного времени в гринвичский полдень пользоваться звездным временем в *местный* полдень; оно получается из гринвичского, придавая к нему поправку $9^s \cdot 857 \lambda$, где λ есть долгота места от Гринвича, выраженная в часах, и считаемая к востоку отрицательно. Для Ленинграда эта поправка равна $-19^s \cdot 91$, для Пулково $-19^s \cdot 93$; для Москвы $-24^s \cdot 69$. Для любого пункта она вычисляется с помощью таблицы „переход от среднего времени к звездному“, по долготе места, как аргументу.

Если для какого либо момента, заданного в среднем времени, задачи А и В решены, т.-е. найдено истинное и звездное время, то всегда полезно произвести контроль вычисления, найдя для того же момента и видимое прямое восхождение Солнца. Если α его значение, найденное интерполированием для заданного момента H_v , то должно быть соблюдено соотношение:

$$4) \quad H_v = S - \alpha.$$

Пример 1. Найти истинное и звездное время для момента 1928, июль 24 $18^h 18^m 30^s$ ленингр. гражд. времени.

Долгота от Гринвича $2^h 1^m 10^s$ восточная, следовательно всемирное время, соответствующее заданному местному, есть $16^h 17^m 20^s$; интервал после полудня 24 июля равен $4^h 17^m 20^s$, или $4^h 289$. Часовые изменения поэтому интерполируем от июля 24 вниз по эфемериде на $2^h 14^m = 0^d 09$, что дает для уравнения времени $+0^s 049$, следовательно для прямого восхождения: $\Delta z = 9^s 856 + 0.049 = 9^s 905$.

С этими данными имеем:

$E_v + 6^m 20^s 60$	$\alpha_s \quad 8^h 14^m 11^s 07$
$\Delta E + \quad 0.21$	$\Delta z \quad + 42.48$
$E + 6 \quad 20.81$	$\alpha \quad 8 \quad 14 \quad 53.55$

Таким образом, находим истинное время:

$$H_v = 18^h 18^m 30^s - 6^m 20^s 81 - 12^h = 6^h 12^m 9^s 19$$

Вычисляем теперь звездное время обоими указанными выше способами:

Зв. вр. ср. Гр. плд.	$8^h 7^m 50^s 47$	Зв. вр. ср. мест. плд.	$8^h 7^m 30^s 56$
Ср. инт. от него	4 17 20.00	Ср. инт. от него	6 18 30.00
Попр. эт. инт.	42.27	Попр. эт. инт.	1 2.18
Долгота вост.	2 1 10.00	Местн. зв. вр.	14 27 2.74
Мест. зв. вр.	14 27 2.74		

Контроль всего решения получаем по формуле 4, вычисляя:

$$H_v = S - \alpha = 14^h 27^m 2^s 74 - 8^h 14^m 53^s 55 = 6^h 12^m 9^s 19, \text{ как было найдено выше,}$$

Пример 2. Найти истинное и звездное время для момента: 1928, сентябрь 10. $10^h 10^m 25^s$ ленингр. гражд. времени.

Всемирное время, соответствующее заданному местному есть сентябрь 10, $8^h 9^m 15^s$; ближайшим полднем является здесь полдень 10 сентября, и интервала, недошедший до него есть $3^h 50^m 45^s = 3^h 846$. Поэтому, часовые изменения интерполируем на $1^h 92 = 0^d 08$ вверх по эфемериде, получая для уравнения времени — $0^s 864$ и следовательно для $\Delta z = 8^s 992$.

$$\begin{array}{ll} E_0 & -3^m 2^s 06 \\ \Delta E & + 3.32 \\ E & -2 58.74 \end{array} \quad \begin{array}{ll} \alpha_0 & 11^h 14^m 3^s 04 \\ \Delta \alpha & - 34.58 \\ \alpha & 11 13 28.46 \end{array}$$

Таким образом, местное истинное время будет:

$$H_v = 10^h 10^m 25^s + 2^m 58^s 74 + 12^h = 22^h 13^m 23^s 74$$

Вычисляем звездное время обоими способами:

Зв. вр. ср. Гр. плд.	$11^h 17^m 5^s 11$	Зв. вр. ср. местн. плд.	$11^h 16^m 45^s 20$
Ср. инт. недош.	-3 50 45.00	Ср. инт. недош.	-1 49 35.00
Попр. эт. инт.	37.91	Попр. эт. инт.	18.00
Долгота вост.	+2 1 10.00	Местн. зв. вр.	9 26 52.20
Местн. зв. вр.	9 26 52.20		

Применяем наконец контрольную формулу:

$$H_v = S - \alpha = 9^h 26^m 52^s 20 - 11^h 13^m 28^s 46 = 22^h 13^m 23^s 74$$

С. По заданному истинному времени найти среднее. Эта задача, если требуется совершенная точность вычисления, может быть решена только в два приближения, по той причине, что величина E дана в наших эфемериде не для истинного, а для среднего гринвичского полудня. Поэтому заданное истинное время нужно сначала приблизительно перевести в среднее, и затем уже, по найденному значению среднего времени точно интерполировать величину E . Для приближенного перевода заданного истинного времени в среднее следует взять

величину E_0 со строки ближайшего полудня и с помощью простой линейной интерполяции найти (с точностью до $1''$) приближенное значение E_0 , тогда будем иметь:

$$H'_c = H_V + E' \pm 12^h$$

Здесь H'_c и есть приближенный средний момент, соответствующий заданному истинному. Найдя, после этого, окончательное значение E , получим:

$$H_c = H_V + E \pm 12^h$$

Пример. Найти среднее (гражданское) и звездное время, соответствующее моменту: 1928, июль 16, $6^h 27^m 15.^s 22$ левингр. истинного времени.

При восточной долготы от Гринвича $2^h 1^m$, заданный момент отстоит приблизительно на $4.^h 5$ от гринвичского полудня; интерполируя, как сказано, к этому моменту уравнение времени находим: $5^m 52^s + 0.^s 24 \times 4.5 = 5^m 53^s$, и следовательно приближенное среднее время, соответствующее заданному истинному есть $6^h 27^m 15^s + 5^m 53^s + 12^h = 18^h 33^m 8^s$. В виду этого, более точное значение интервала среднего времени, протекшего от гринвичского полудня до заданного момента (переведенного во всемирное время) есть $6^h 33^m 8^s - 2^h 1^m 10^s = 4^h 31^m 58^s = 4.^h 533$. Интерполируя часовое изменения уравнения времени к середине этого интервала, получаем $0.^s 238$, и следовательно часовое изменение видимого прямого восхождения $10.^s 094$. С этими данными вычисляем:

$E_0 +$	$0^h 5^m 52.^s 09$	α_0	$7^h 42^m 10.^s 10$	Зв. вр. ср. Гр. плд.	$7^h 36^m 18.^s 01$
$\Delta E \pm$	1.08	$\Delta \alpha$	45.76	Ср. инт. от эт. плд.	$4 31 58.39$
$E +$	$5 53.17$	α	$7 42 55.86$	Попр. эт. инт.	44.68
H_V	$6 27 15.22$			Долгота вост.	$2 1 10.00$
H_c	$18 33 8.39$			Местн. зв. вр.	$14 10 11.08$
λ	$2 1 10.00$				
Гр. вр.	$16 31 58.39$				

Для контроля всего решения образуем:

$$H_V = S - \alpha = 14^h 10^m 11.^s 08 - 7^h 42^m 55.^s 86 = 6^h 27^m 15.^s 22,$$

как и было задано в условии задачи.

D. По заданному звездному времени найти среднее. Для решения этой задачи удобнее исходить из значения звездного времени на местный полдень, которое получается из приведенного в таблицах звездного времени на гринвичский полдень путем указанной уже поправки $9.^s 856\lambda$.

Пусть S'_0 обозначает звездное время в местный полдень, S заданное местное время. Для перевода этого времени в среднее нужно образовать интервал $S - S'_0$, протекший от местного полудня или же интервал, не дошедший до момента S'_0 , т. е. $S'_0 - S$; обе эти разности выражены в звездных единицах. Уменьшив их на поправку за переход от звездного времени к среднему (Вспомогат. таблицы Астрон. Ежегодн. стр. 2), получаем соответствующий средний интервал, прошедший от местного полудня или же недо-

шедший до него. Придав этот интервал к 12^h в первом случае или же вычитая его от 12^h во втором, находим местное среднее время, соответствующее заданному звездному.

Пример. Перевести в среднее время моменты:

1928, февраль 15, $17^h 1^m 23.23$ } ленингр. звездн. времени.
1928, " 15, 2 2 53.23 }

Для обращения этих моментов в средние, примем во внимание, что звездное время в местный ленинградский полдень 15 февраля есть $21^h 37^m 1.57 - 19.91 = 21^h 36^m 41.66$, так что первый из заданных моментов предшествует этому полудню, а второй лежит после него; таким образом, в первом случае мы имеем интервал, недошедший до полудня, во втором — интервал, прошедший после него; эти интервалы и обращаем в средние, уменьшая их на соответствующую поправку. Все вычисление располагается в следующей схеме:

Зв. вр. ср. Гр. пд.	$21^h 37^m 1.57$	Зв. вр. ср. Гр. пд.	$21^h 37^m 1.57$
Попр. Ленингр.	— 19.91	Попр. Ленингр.	— 19.91
Зв. вр. ср. Лгр. пд.	21 36 41.66	Зв. вр. ср. Лгр. пд.	21 36 41.66
Задан. зв. вр.	17 1 23.23	Задан. зв. вр.	2 2 53.23
Зв. инт. недош.	4 35 18.43	Зв. инт. прошед.	4 26 11.57
Поправка	— 45.10	Поправка	— 43.61
Ср. интервал	4 34 33.33	Ср. интервал	4 25 27.96
Местн. ср. вр.	7 25 26.67	Местн. ср. вр.	16 25 27.96

Нетрудно видеть, что если заданное звездное время отстоит от звездного времени в средний гринвичский полдень в точности на половину средних суток, т. е. на $12^h 1^m 58^s$ звездного времени, то можно указать два средних момента, соответствующих заданному звездному времени. Практически, имея в виду остальные условия данной задачи, эта двойственность всегда может быть избегнута.

Полярные эклиптикальные координаты Солнца, т. е. его долгота, широта и логарифм радиуса вектора приведены на правых страницах эфемериды Солнца. Долгота дается здесь истинной и отнесенной к равноденствию 1928.0, т. е. именно такая, какая требуется в теоретической астрономии при вычислениях орбит комет и планет. Тут же даются прямоугольные экваториальные координаты Солнца, отнесенные к равноденствию 1928.0. Все эти данные приводятся для гринвичской полуночи (0^h всемир. врем.). На странице 20 даны через десять дней прецессия, абберация и параллакс Солнца.

Луна. (Стр. 20—29). Фазы Луны, Луна в перигее, Луна в апогее даны на стр. 20. В ежемесячных таблицах Луны (стр. 21—29) даны: видимое прямое восхождение и склонение, параллакс и полудиаметр. Далее, дается момент верхней кульминации в Гринвиче и, наконец, восход и заход Луны для места с координатами $\varphi = 50^\circ$, $\lambda = 0^\circ$. Для вычисления времени кульминации, восхода и захода в любом месте необходимо исправить табличные значения за долготу, умножая часовые изменения на долготу от Гринвича (к западу положительна), выраженную в часах; кроме того, время восхода и захода надлежит исправить за

широту места по специальным таблицам (см. стр. 176 *Астрономического Ежегодника на 1923 г.*).

Большие планеты. (Стр. 30—36). Для больших планет даны видимые координаты, прямое восхождение и склонение для 0^h всемирного времени, а также время верхней кульминации на меридиане Гринвича.

Редукционные величины. (Стр. 37—45). Редукционные величины f, g, h, G, H, i служат для приведения на видимое место по прямому восхождению и склонению по формулам:

$$\alpha_{\text{вид.}} = \alpha_{1928.0} + t\mu_{\alpha} + f + \frac{1}{15} g \sin (G + \alpha) \operatorname{tg} \delta + \frac{1}{15} h \sin (H + \alpha) \sec \delta.$$

$$\delta_{\text{вид.}} = \delta_{1928.0} + t\mu_{\delta} + g \cos (G + \alpha) + h \cos (H + \alpha) \sin \delta + i \cos \delta$$

или

$$\begin{aligned} \alpha_{\text{вид.}} &= \alpha_{1928.0} + t\mu_{\alpha} + Aa + Bb + Cc + Db + E \\ \delta_{\text{вид.}} &= \delta_{1928.0} + t\mu_{\delta} + Aa' + Bb' + Cc' + Dd' \end{aligned}$$

Обе группы постоянных связаны соотношениями:

$$\begin{cases} f = mA + E \\ g \sin G = B \\ g \cos G = A \end{cases} \quad \begin{cases} i = C \operatorname{tg} \epsilon \\ h \sin H = C \\ h \cos H = D \end{cases}$$

Малые буквы „a d“ вычисляются по формулам:

$$\begin{aligned} a &= m + \frac{1}{15} h \sin \alpha \operatorname{tg} \delta & a' &= n \cos \alpha \\ b &= \frac{1}{15} \cos \alpha \operatorname{tg} \delta & b' &= -\sin \alpha \\ c &= \frac{1}{15} \cos \alpha \sec \delta & c' &= \operatorname{tg} \epsilon \cos \delta - \sin \alpha \sin \delta \\ d &= \frac{1}{15} \sin \alpha \sec \delta & d' &= \cos \alpha \sin \delta \end{aligned}$$

В таблицах всех редукционных постоянных коротко периодические члены опущены.

Средние места звезд на 1928.0 (Стр. 46—58). В таблицах даны средние места 586 звезд по системе Boss'a. В список средних мест вошли звезды эфемерид П. Н. Долгова и И. И. Селиверстова для определения времени и широты по способу Цингера и Певцова, а также и 30 звезд, включенных с 1927 года в наши эфемериды по просьбе проф. Н. Д. Павлова для определения времени по предложенному им способу.

Величины звезд и их спектральный тип взяты по гарвардской фотометрии. Для вычисления средних мест на годы ближайшие к 1928 г. надлежит прибавить или отнять годовое изменение (сумма прецессии и собственного движения), умноженное на число протекших лет. Скобками отмечены звезды, для которых не даны видимые места на 1928 г.

Видимые места звезд (стр. 50—154) даются в этом году по той же программе, что и в 1927 году, т.-е. для всех звезд, входящих в эфемериды *Долгова* и *Селиверстова*, равно как и для 53 звезд программы *Павлова*. Приведенное внизу среднее место соответствует системе *Boss'a*. Но, имея в виду, что с 1928 г. иностранные Ежегодники (за исключением *Berliner Jahrbuch*) перешли на систему Каталога *Eichelberger'a* (*Astronomical Papers*, t X, 1), мы даем под средним местом звезды по *Boss'у* еще и ту поправку, которую надлежит придать с ее знаком к месту звезды для получения ее координат в системе *Eichelberger'a*.

Кроме того, с этого года вводится и некоторое изменение в форму печатания звездных эфемерид. Как и прежде, их видимые места относятся к моменту кульминации звезд на меридиане Гринвича. Но мы не приводим больше всемирного времени этой кульминации, рядом с датой, как это имело место в предыдущих выпусках Ежегодника. Интерполяция видимого места на нужный момент не представит затруднения: если, напр., звезда с прямым восхождением 1^h наблюдалась сент. 10, в 3^h местного звездного времени, а в Ежегоднике имеется видимое место этой звезды для сент. 6, то очевидно, что данный момент отстоит на $4^d 2^h$ (в звездных единицах) от табличного; иными словами, место звезды нужно будет проинтерполировать на 0,48 табличного интервала, равного здесь в точности десяти звездным суткам. Но последнее обстоятельство влечет за собой то, что один раз в году 10 кульминаций звезды происходят внутри 9-ти дневного среднего интервала, так две кульминации звезды происходят в один день. Эта дата *двойной кульминации* помещена теперь в наших эфемеридах под названием звезды; она должна пройти внутри того интервала, который заключает 9 дней. Так, например, звезда γ *Pegasi* кульминирует дважды на меридиане Гринвича в гражданские сутки сент. 23, и этот день приходится внутри интервала 16—25 сентября. Очевидно, если нужно найти место этой звезды для кульминации сент. 24, то интерполировать надо будет на 0,9 (а не на 0,8) табличного интервала. Если день двойной кульминации совпадает как раз с табличной датой, то видимое место будет относиться к первой кульминации в эту дату, если ей предшествует девяти-дневный интервал, и ко второй кульминации, если ей предшествует интервал в 10 дней. Так, напр. для звезды ι *Ceti* табличная кульминация есть первая в день сент. 25, т.-е. происходит сразу после полуночи сент. 25, ибо этой дате предшествует интервал сент. 16—25.

В системах двойных звезд мы с 1928 года переходим от координат центра тяжести системы к координатам яркой звезды для следующих звезд:

18) η *Cassiopeiae*; 190) α *Canis Majoris* (*Sirius*); 211) α *Geminorum* (*Castor*); 213) α *Canis Minoris* (*Procyon*); 284) ξ *Ursae Majoris*;

314) γ *Virginis*; 359) ξ *Bootis*; 366) η *Coronae Borealis*; 405) ξ *Herculis*; 438) γ *Ophiuchi*.

В этих случаях учтено орбитальное движение, как оно дано в Каталогах Boss'a и Eichelberger'a.

Таким образом, среднее место звезды, данное под эфемеридой отличается у этих звезд от координат центра тяжести, данного в списке средних мест.

Параллакс учтен у звезд за №№ 41, 89, 190, 213 и 482.

Видимые места 8-ми полярных звезд (стр. 155—162) даны на круглый год, через 2 дня, для верхней кульминации в Гринвиче.

В эти эфемериды включены коротко периодические нутационные члены.

В списке видимых мест названия звезд даны большей частью по созвездиям.

В Ежегоднике 1925 г. (стр. 141) приведена таблица сравнения этих названий с номерами звезд по каталогам *Брадлея* и *Пиаци*.

Таблицы *Полярной* (стр. 163—168). На стр. 163 дана сокращенная таблица для вычисления высот и азимутов Полярной звезды. Пользование объяснено внизу таблицы.

При пользовании таблицами для определения широт (стр. 164—168) надлежит к наблюдаемой высоте Полярной, исправленной за рефракцию и уменьшенной на 1', придать три поправки, причем поправка первая (табл. I) берется по аргументу звездного времени наблюдения, вторая (табл. II) по аргументам: звездное время и высота Полярной и, наконец, третья поправка (табл. III) по аргументам: звездное время и дата.

Пример: 1928, окт. 6, 3^h 32^m местного звездного времени высота Полярной, по исправлении за рефракцию, получена равной 46° 34' 33".

Поправка I	-0° 56' 34"	Высота уменьшенная на 1'	46° 33'
" II	+0 0 9	Сумма поправок	0 87
" III	+0 0 48	Широта	45 86
Сумма	-0 55 37		

Затмения Солнца и Луны (стр. 169—171). Условия видимости частного солнечного затмения 1928, ноября 12 для некоторых пунктов Союза даны на стр. 170. Бесселевы элементы служат для предвычисления условий видимости в других пунктах, (см. формулы и схемы, Ежегодник 1922, стр. 183—188).

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