

Ведомство *Сибирский*

Широта

Долгота

Элемент

Склонение

Обсерватория *Циркутск*

Месяц *ИЮНЬ* Год *1977*

$D = -2^{\circ}00'00'' +$

$E_D = 0.51/\cos D = -2^{\circ}30.5'$

Время мн-ровое Дни	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	19	20	21	22	23	Средн. суточн.		
1	16.2	17.6	19.6	21.8	24.5	26.5	28.0	27.7	26.0	24.6	22.9	22.0	22.8	22.5	22.9	22.4	20.5	20.4	20.2	18.8	18.4	17.1	14.8	21.7	
2 D	12.2	14.6	21.6	23.4	25.3	27.0	28.0	28.3	27.0	24.2	21.3	20.6	20.3	20.3	21.2	22.1	21.4	19.4	21.2	20.6	19.5	18.3	18.9	17.2	21.4
3	14.9	15.7	17.4	20.0	23.5	25.6	27.1	26.9	25.4	23.1	21.8	21.7	22.4	22.9	23.0	22.9	22.3	21.8	21.1	20.6	20.2	18.6	17.1	15.7	21.3
4	15.7	16.7	17.7	19.5	22.3	25.1	26.5	26.5	25.9	24.9	23.5	22.4	22.6	22.2	22.1	22.0	21.8	21.3	21.3	20.9	20.2	18.6	17.3	16.0	21.4
5	15.5	16.7	17.2	19.3	23.6	26.5	28.3	29.5	28.6	26.2	24.9	22.9	20.4	20.2	21.3	22.3	22.4	22.2	21.9	21.3	20.2	18.6	17.5	17.2	21.9
6 Q	16.1	15.2	17.0	19.6	21.9	25.1	27.5	28.3	28.4	26.7	24.4	22.5	21.6	21.6	22.1	22.4	22.2	21.9	21.6	21.3	20.8	19.1	18.3	17.2	21.6
7	16.5	16.2	17.7	20.5	23.3	25.7	27.3	27.3	26.7	25.2	24.0	23.7	22.8	22.7	22.3	22.4	22.3	21.9	21.9	21.5	22.3	19.9	17.5	15.9	22.0
8	15.1	16.1	18.3	20.8	23.9	25.8	26.4	26.8	27.4	26.0	23.8	22.4	21.1	21.5	22.7	22.4	22.2	21.6	20.5	20.2	19.4	18.3	16.3	16.8	21.5
9	17.3	17.7	18.8	20.9	23.2	26.2	28.2	27.9	26.2	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	22.9
10	16.7	16.2	17.0	19.2	23.7	26.3	28.7	28.6	27.8	26.1	23.9	22.2	21.7	21.6	21.6	21.8	21.6	21.3	21.3	20.8	20.7	20.1	18.2	17.6	21.9
11 Q	17.1	17.7	19.4	22.1	23.9	25.5	27.2	27.3	26.3	25.0	23.1	22.2	21.2	21.2	21.7	22.2	22.1	21.7	21.3	20.6	20.3	19.9	18.6	16.5	21.8
12 Q	16.8	17.8	20.8	22.7	23.5	24.5	25.4	26.4	25.8	24.3	22.6	22.1	21.9	21.9	21.9	21.9	21.0	21.4	20.7	20.9	20.5	19.5	17.7	17.0	21.6
13	16.2	15.6	18.3	21.6	23.3	25.7	28.4	28.7	26.7	24.3	23.3	22.9	22.9	22.9	23.0	23.0	22.7	22.2	21.4	20.6	20.2	19.0	16.8	15.6	21.9
14	14.1	16.7	20.9	21.7	24.8	27.0	27.6	28.6	28.5	26.9	24.2	22.0	21.9	21.7	22.1	22.2	22.1	21.6	21.3	20.7	20.3	19.3	18.4	16.5	22.1
15 Q	15.9	15.7	17.7	20.5	22.9	24.5	26.0	27.7	27.6	25.9	23.4	22.3	21.6	21.6	22.2	22.1	22.1	21.6	21.1	20.4	19.8	18.8	17.3	15.2	21.4
16	15.5	17.8	19.5	21.2	23.8	25.6	26.4	26.9	26.9	26.6	25.4	24.6	24.3	23.4	23.7	22.7	21.9	21.2	20.3	19.9	19.1	16.3	16.2	15.2	21.8
17	15.3	15.7	17.7	20.0	23.1	25.1	27.4	27.6	25.9	24.7	23.0	22.3	21.7	22.1	22.1	21.6	21.4	22.1	21.2	20.5	20.1	19.1	19.0	16.6	21.4
18 D	15.7	17.0	19.2	21.3	24.1	28.3	29.2	27.9	28.7	24.2	21.9	21.2	21.6	21.7	22.0	21.0	21.3	21.3	20.9	21.3	21.3	19.2	17.2	18.6	21.9
19	18.4	17.7	18.4	22.1	25.8	27.9	29.1	29.9	27.9	25.1	23.6	21.9	21.3	21.2	21.3	20.5	21.6	22.2	21.7	21.3	20.8	20.0	19.1	17.8	22.4
20 D	17.7	19.3	19.7	20.1	22.8	25.3	28.1	29.5	28.7	27.0	24.4	21.8	18.4	20.8	22.1	22.4	22.1	21.9	21.8	21.4	20.9	19.6	19.3	17.3	22.1
21	17.0	17.1	18.3	21.3	23.1	25.7	27.6	28.5	27.6	26.0	24.8	22.8	20.7	20.7	21.8	22.2	21.7	22.2	21.7	21.1	20.3	19.8	18.3	16.3	21.9
22	15.8	15.5	17.2	19.6	22.9	26.8	29.0	29.5	28.7	26.4	23.4	22.1	21.5	21.7	21.3	21.9	22.2	21.9	21.0	20.2	18.8	17.7	17.0	17.1	21.6
23 D	17.6	18.1	19.9	22.0	24.3	25.7	27.2	27.6	27.8	26.9	24.9	22.9	21.5	21.3	21.6	22.0	21.8	21.9	21.7	20.9	20.7	19.5	17.9	16.7	22.2
24	17.2	17.4	17.7	19.1	21.4	24.7	26.9	25.0	26.7	24.1	24.0	22.2	21.4	21.7	22.5	22.7	22.1	21.8	21.3	20.3	19.9	18.5	16.6	14.9	21.4
25 Q	15.3	16.7	18.5	19.6	22.3	24.8	25.8	25.9	25.5	24.9	23.7	23.0	22.3	21.7	22.7	22.7	22.7	22.3	21.7	20.8	20.1	17.6	16.4	15.2	21.3
26	16.5	18.1	20.4	22.8	24.4	26.0	27.1	27.2	26.4	24.7	23.1	22.8	22.7	22.4	22.8	21.7	22.4	21.9	21.3	20.8	20.2	18.1	16.7	16.1	21.9
27	15.1	17.7	19.3	21.7	22.9	25.2	26.7	27.8	27.9	26.2	24.1	22.2	22.1	22.6	22.6	22.6	22.2	21.8	21.4	20.0	18.7	18.0	17.3	17.0	21.8
28 D	17.5	18.0	18.9	21.4	24.0	25.3	26.3	27.8	27.2	25.5	21.9	24.6	23.5	23.6	23.6	23.5	22.4	20.8	20.2	19.8	17.6	16.4	16.3	16.4	21.8
29	18.3	16.8	19.2	21.8	26.8	29.6	30.5	30.4	29.5	27.4	24.4	23.3	22.5	21.9	22.4	22.4	22.3	21.6	21.3	20.3	19.3	18.4	17.5	17.2	22.7
30	17.0	16.9	17.7	20.0	23.7	26.6	28.4	28.4	27.8	26.8	24.6	22.7	22.7	22.7	22.4	22.4	22.3	21.8	21.1	19.3	18.4	16.8	14.9	14.2	21.6
31																									
Среднее по всем дням	16.2	16.9	18.7	20.9	23.6	26.0	27.5	27.9	27.2	25.6	23.6	22.5	21.8	21.9	22.2	22.2	22.0	21.6	21.2	20.6	20.0	18.7	17.4	16.4	21.8
Среднее по суткам	16.2	16.6	18.7	20.9	24.1	24.9	26.4	27.1	26.7	25.4	23.4	22.4	21.7	21.6	22.1	22.3	22.0	21.8	21.3	20.8	20.3	19.0	17.6	16.2	21.6
Среднее по суткам в среднем	16.1	17.2	19.9	21.6	22.9	26.3	27.8	28.2	27.9	25.6	22.9	22.2	21.1	21.5	22.1	22.2	21.8	21.1	21.2	20.8	20.0	18.6	17.7	17.2	21.9

Обработал

Микашова

Проверил

Грунько

Ведомство СибУИЗМИР
Обсерватория Иркутск
Месяц ИЮНЬ Год 1994

Широта Долгота

Элемент Горизонтальная солнечная

$H = 19480^\circ +$ $E_H = 30 \frac{1}{2} \text{ мин} - 19499^\circ$

Время мин. ровое Дни	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	19	20	21	22	23	Средн. суточн.			
1	129	122	121	119	121	123	132	135	144	147	151	157	147	140	143	147	147	145	137	139	136	132	140	133	137	
2 D	106	85	96	102	105	102	115	130	130	136	138	137	131	117	120	130	133	125	122	128	123	127	127	121	120	
3	115	110	100	98	98	102	115	120	128	136	136	133	140	136	140	139	141	141	142	139	139	138	138	135	129	
4	132	126	117	109	111	118	131	133	135	136	133	138	138	135	138	137	139	138	138	136	139	138	136	125	131	
5	115	107	109	111	107	110	127	139	142	144	146	138	117	125	133	129	133	136	132	133	139	140	140	132	128	
6 Q	118	103	93	98	99	109	118	132	140	147	143	145	135	132	134	139	141	144	141	144	141	147	149	145	131	
7	133	127	119	114	115	125	132	136	146	145	140	138	143	139	141	141	141	141	141	139	139	135	137	133	135	
8	128	118	105	96	94	112	128	133	144	144	144	145	149	145	146	146	146	146	151	150	147	144	139	135	135	
9	130	126	121	115	116	121	126	129	138	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	125	
10	147	145	128	109	97	103	107	132	154	147	139	124	127	129	127	130	129	129	132	130	129	130	127	129	128	
11 Q	120	109	102	102	102	115	123	136	139	138	141	138	133	136	135	132	132	136	134	130	127	132	129	127	127	
12 Q	113	105	103	106	115	120	124	127	129	126	137	132	129	130	129	129	130	129	130	135	130	131	129	123	125	
13	118	114	106	105	109	107	110	123	135	140	129	124	122	123	124	127	129	129	124	117	121	122	132	133	122	
14	126	103	101	91	95	102	112	125	128	137	132	128	126	133	129	129	129	129	126	122	123	122	129	127	121	
15 Q	117	107	99	97	93	100	110	118	127	135	138	135	135	135	136	133	132	133	133	132	132	133	136	135	124	
16	128	119	105	104	106	117	122	135	138	153	162	159	165	166	156	159	159	155	161	160	160	151	153	150	143	
17	134	121	113	111	111	113	111	115	132	138	141	137	133	142	144	142	137	140	144	141	139	137	138	135	131	
18 D	120	109	108	105	107	103	118	115	123	110	125	130	133	129	132	138	130	137	127	133	132	133	133	129	123	
19	124	115	105	97	98	105	112	122	126	128	121	126	126	129	130	131	134	139	141	145	144	143	144	148	126	
20 D	133	123	122	115	103	105	102	114	127	135	142	133	129	130	138	137	139	139	138	141	141	139	145	142	130	
21	130	119	105	101	106	111	129	134	134	141	141	138	143	144	145	141	138	145	147	143	144	151	143	145	134	
22	136	123	113	103	103	108	129	146	155	154	150	139	145	152	147	137	151	156	147	146	149	149	152	152	139	
23 D	143	124	99	105	112	122	125	134	140	144	146	138	130	136	139	140	140	142	135	131	128	131	134	137	131	
24	133	127	119	107	105	100	107	119	132	139	144	141	138	140	146	145	140	137	137	134	132	139	142	134	131	
25 Q	121	112	109	109	107	117	126	137	142	145	149	145	144	140	139	146	142	144	145	143	144	146	145	136	135	
26	127	125	123	125	130	131	136	140	144	152	162	140	140	147	149	140	140	144	141	141	143	143	140	137	139	
27	125	123	123	120	116	124	135	137	142	150	152	140	140	152	151	152	154	152	144	147	140	140	140	137	139	
28 D	127	119	110	110	115	126	125	137	141	139	133	142	148	157	153	151	141	138	129	131	128	126	129	123	132	
29	123	110	98	87	85	97	118	132	133	136	138	134	130	129	128	127	129	122	123	110	98	87	85	97	118	
30	115	106	100	99	103	108	145	127	141	137	142	136	129	136	141	140	142	148	147	147	143	150	150	139	131	
31																										
Среднее по всем дням	126	116	109	106	106	112	121	130	137	140	141	137	136	137	138	138	139	139	138	139	136	137	138	135	130	
Среднее по окт. дн.	118	107	101	102	103	112	120	130	135	140	142	139	135	134	135	136	135	137	137	137	135	138	138	133	128	
Среднее по окт. дн.	126	112	106	107	108	112	117	126	132	133	137	136	134	134	136	139	137	136	130	133	130	131	134	130	127	

Ведомство *СибИЗМИР*

Широта

Долгота

Элемент

Вертикальная осесвязанная

Обсерватория *Циркутск*

Месяц *ИЮНЬ*

Год

1974

$Z = 56850^{\circ}$

$EZ = 25' \text{ южн } Z = 56856^{\circ}$

Время мн. ровое Дни	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	19	20	21	22	23	Средн. суточн.					
1	64	64	59	58	59	59	61	66	70	74	74	69	66	66	66	66	66	66	66	65	66	65	64	65				
2 D	58	56	56	49	46	48	54	56	60	66	73	73	71	72	72	71	71	69	69	69	72	69	67	64	64			
3	58	54	52	51	53	57	61	63	68	71	71	69	69	68	66	67	66	66	67	67	68	70	67	64	64			
4	61	61	61	54	53	55	57	57	60	64	70	71	69	69	69	69	69	69	66	67	69	71	69	67	64			
5	63	64	61	57	54	53	56	63	69	69	72	74	77	76	71	71	71	70	69	69	71	69	66	66	67			
6 Q	65	62	56	52	53	54	56	59	63	66	69	71	71	69	69	69	67	66	67	67	68	69	66	66	64			
7	66	66	63	59	54	51	57	59	61	66	73	72	71	69	67	66	66	66	66	66	66	66	66	65	64			
8	63	59	51	50	51	56	54	56	62	69	71	71	69	66	65	66	66	66	66	66	66	66	66	63	63			
9	59	61	59	54	48	45	52	61	66	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	56			
10	64	61	56	48	46	56	63	63	68	69	73	73	69	68	66	66	66	66	67	66	67	69	69	67	66	64		
11 Q	66	67	61	52	49	55	61	68	69	67	71	71	69	66	66	65	66	66	66	66	66	68	66	66	65	65		
12 Q	64	62	57	55	56	57	61	62	61	62	66	66	69	67	67	66	66	66	66	66	66	66	64	64	63	63		
13	59	58	54	57	59	58	61	62	64	71	72	71	71	71	69	69	69	67	68	67	70	71	67	64	65	65		
14	62	62	63	63	57	59	64	67	66	71	75	79	78	71	68	67	68	69	69	69	69	69	69	69	68	68		
15 Q	71	71	66	59	53	57	61	60	65	71	76	72	69	66	65	66	66	66	66	66	66	68	69	69	66	66		
16	61	61	58	69	59	59	62	66	68	69	72	69	69	69	66	67	65	64	66	66	66	66	66	64	65	65		
17	59	57	55	52	55	59	58	58	61	64	67	71	71	69	67	67	66	67	66	66	66	68	68	66	63	63		
18 D	62	63	61	57	59	57	68	71	71	72	77	75	69	65	66	66	66	69	66	67	68	70	67	64	66	66		
19	64	62	61	60	56	54	60	66	69	74	76	79	74	74	71	71	69	69	67	69	69	69	64	61	67	67		
20 D	66	64	61	59	53	51	56	63	68	73	79	79	77	72	69	67	68	68	67	69	69	69	69	66	66	67	67	
21	64	62	62	63	61	58	59	59	61	66	72	69	69	67	67	65	67	66	64	64	65	67	64	61	64	64		
22	63	62	59	61	61	60	59	56	62	62	63	62	66	65	66	67	68	68	67	67	67	69	65	63	64	64		
23 D	59	55	51	54	52	54	56	59	59	63	67	69	69	69	67	67	65	65	64	64	67	67	64	61	62	62		
24	58	56	56	53	51	51	52	56	62	66	72	71	69	66	63	64	65	65	64	64	67	72	71	69	63	63		
25 Q	66	63	61	58	53	54	59	59	59	62	66	66	66	66	64	64	64	65	64	64	65	66	65	64	62	62		
26	59	55	54	54	53	55	56	59	63	68	68	61	61	63	64	64	66	64	66	66	66	66	67	66	65	62	62	
27	59	59	54	51	49	53	57	59	60	64	66	65	67	65	64	64	63	62	63	63	64	66	67	66	61	61		
28 D	60	56	54	52	52	57	61	64	62	69	74	74	70	70	66	66	66	66	66	66	66	66	66	66	61	63	63	
29	57	53	54	56	57	55	61	66	68	72	76	73	70	66	67	68	67	69	69	69	69	70	71	71	67	66	66	
30	66	66	64	62	60	61	64	67	68	71	75	75	76	73	71	70	71	71	71	71	71	71	71	71	71	69	69	
31																												
Среднее по всем дням	62	61	58	56	54	55	59	62	64	68	71	71	70	68	67	67	67	67	67	67	67	68	68	67	65	64	64	
среднее по сух. дням	66	65	60	55	53	55	60	62	63	65	69	69	69	67	66	66	66	66	66	66	66	66	67	68	66	65	64	64
среднее по влаж. дням	61	59	57	54	52	53	59	63	64	69	74	74	71	70	68	67	67	67	67	67	67	67	67	67	67	64	64	64

Обработал *Михайлова*

Проверил *Брушко*