

Ведомство СибУЗМИР
 Обсерватория Уркутск
 Месяц Июнь Год 1978

Широта _____ Долгота _____

Элемент Склонение

$D = -2^{\circ}00'00'' + \delta = 1.55 \sin D = -2^{\circ}29'2''$

Время мировое 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	13.7	14.0	15.4	16.5	22.9	25.1	26.4	27.5	27.0	25.0	22.8	21.2	20.8	21.2	21.2	21.8	21.0	20.4	21.1	20.6	19.0	17.6	16.4	15.3	20.6
D 2	14.1	15.4	16.8	19.2	22.0	24.0	25.6	27.0	28.4	26.6	23.3	25.6	23.9	26.1	24.5	18.5	22.0	21.9	22.0	9.6	10.2	12.7	11.8	11.5	20.1
D 3	10.4	18.8	17.4	19.7	24.1	26.2	27.4	27.8	27.3	24.0	21.1	20.1	21.3	21.5	21.8	22.0	20.7	19.2	18.1	19.0	18.6	16.0	14.1	12.8	20.4
4	12.2	11.6	15.2	19.4	22.9	25.2	27.0	28.4	27.4	25.0	22.2	20.1	20.6	19.0	20.6	21.6	21.8	19.7	18.4	17.4	18.8	22.9	25.0	20.5	21.0
5	17.4	13.0	19.0	20.6	24.0	24.6	27.2	28.9	25.9	24.6	22.2	19.6	19.0	21.0	22.0	22.2	21.8	21.1	20.0	18.8	17.9	15.7	15.2	13.0	20.6
6	12.4	13.6	17.4	20.7	23.4	26.1	23.2	29.2	28.2	26.0	23.5														22.6
Q 7	15.1	15.2	16.8	17.4	18.6	22.8	25.3	26.5	27.0	25.8	22.8	19.7	19.0	20.1	21.2	21.8	21.8	21.2	20.8	19.4	18.5	17.7	15.6	14.2	20.2
8	14.3	12.8	15.4	18.6	21.2	24.2	27.1	28.2	28.0	26.4	23.4	21.5	20.7	19.7	20.2	20.2	19.8	19.0	19.6	19.2	18.4	16.6	15.3	14.4	20.2
Q 9	12.8	13.2	15.2	17.8	20.7	22.9	24.4	25.6	26.1	25.6	23.4	22.4	21.6	21.2	21.3	21.0	20.7	19.8	19.2	18.9	18.4	16.8	14.6	12.5	19.8
10	12.8	14.1	16.3	19.9	22.4	24.2	25.4	26.2	27.2	29.0	27.3	22.4	21.6	20.6	21.0	21.0	19.6	15.1	19.2	18.2	17.0	14.3	11.0	15.5	20.0
11	15.1	15.4	17.3	19.6	24.6	26.8	27.8	29.1	28.4	26.4	24.3	19.0	20.1	20.6	21.0	21.8	21.8	21.6	21.5	21.2	21.0	19.6	18.6	16.8	21.6
12	14.6	14.6	16.3	18.8	21.5	25.4	29.0	29.3	27.8	24.5	21.6	18.9	18.9	18.8	20.6	21.6	21.2	21.2	21.8	21.3	20.0	17.0	16.3	15.4	20.7
Q 13	15.1	15.9	17.9	20.4	24.1	27.5	28.8	28.8	26.3	22.2	21.0	21.2	20.0	19.1	19.6	21.2	21.2	21.0	21.0	21.0	20.4	18.8	17.2	16.3	21.1
Q 14	14.7	14.0	15.4	18.0	21.6	24.7	26.4	27.7	27.3	25.3	22.3	21.0	19.9	20.1	20.6	21.0	20.8	20.4	21.1	20.3	19.9	17.8	16.3	14.6	20.5
15	14.7	14.4	16.8	19.0	21.6	25.2	27.6	27.8	25.7	24.2	22.9	20.2	20.0	20.1	20.6	20.8	21.0	21.0	20.9	20.3	19.6	17.5	15.2	13.6	20.4
Q 16	14.2	16.4	17.8	19.8	21.8	24.4	26.5	27.4	27.4	26.7	24.8	22.8	21.2	20.7	21.4	21.7	21.4	21.2	20.9	19.5	18.8	17.4	15.1	13.2	20.9
17	13.1	14.8	15.6	18.3	20.9	25.1	27.6	28.5	28.4	25.7	22.2	18.7	19.6	20.0	21.0	21.8	21.8	21.2	21.5	21.1	18.2	16.8	16.4	13.5	20.5
18	13.1	14.6	17.9	20.6	24.5	26.4	27.8	27.8	26.7	24.6	22.0	18.2	16.6	19.0	21.3	22.4	22.4	21.6	21.6	19.8	18.5	18.3	16.0	13.4	20.6
19	12.4	13.2	15.2	20.5	24.6	28.6	31.3	30.6	28.4	26.6	23.2	19.5	21.0	21.4	22.5	22.0	20.7	20.3	18.4	17.9	16.8	15.2	16.0	15.8	20.9
20	16.4	16.3	15.8	17.8	21.2	23.7	25.6	26.3	25.3	24.0	21.8														21.3
D 21	13.2	12.8	13.1	16.0	23.6	27.8	28.7	28.8	28.0	27.1	24.0	20.2	18.4	21.2	22.1	19.8	20.1	19.4	18.5	17.2	17.4	16.7	14.1	13.2	20.1
22	13.3	12.4	12.2	15.2	19.6	23.3	26.2	28.4	28.1	26.2	22.9	17.4	17.4	20.2	20.6	21.0	21.3	21.3	21.4	21.4	17.6	16.3	14.6	13.5	19.7
23	12.7	11.9	25.0	18.3	20.5	25.6	29.5	31.7	31.8	27.8	23.6	22.6	21.0	21.2	22.2	22.2	20.3	19.6	22.4	18.7	16.8	16.8	18.3	18.0	21.6
24	15.0	14.1	16.8	17.8	19.4	23.0	26.5	29.5	29.2	27.4	25.6	21.8	21.0	19.1	16.8	20.7	21.6	21.2	20.3	19.6	18.7	17.9	15.7	14.6	20.6
25	13.2	13.0	14.0	16.4	18.8	21.6	24.8	28.2	28.8	28.4	26.7	24.1	22.5	21.2	21.2	21.8	21.6	21.5	20.8	16.3	15.8	15.9	14.4	13.0	20.2
D 26	9.4	10.1	10.6	14.9	19.6	25.8	31.7	34.6	32.3	29.6	26.0	20.4	19.4	20.0	21.8	18.7	17.4	17.4	15.7	16.8	18.3	21.6	19.3	17.2	20.3
27	15.7	12.7	13.0	15.2	22.4	25.0	27.2	28.8	27.3	25.6	23.2	20.9	18.9	19.3	21.1	21.9	22.0	21.1	20.7	20.5	19.9	18.2	15.7	14.1	20.4
28	13.4	14.3	14.6	17.0	20.7	24.6	26.0	27.1	26.4	24.2	22.8	21.0	19.8	20.6	20.7	20.2	21.8	21.3	21.9	21.2	21.3	20.4	18.3	15.2	20.6
29	13.8	14.8	15.8	18.6	21.7	25.6	28.0	29.2	28.2	25.6	23.0	22.8	21.8	22.6	22.0	22.4	22.0	21.2	19.2	19.0	19.8	25.9	24.0	30.6	22.5
D 30	17.9	15.1	14.3	17.3	21.0	23.0	25.6	28.4	27.0	24.1	19.6	19.8	17.4	20.0	19.0	21.3	21.8	21.2	22.3	20.1	19.6	18.2	16.5	15.5	20.2
31																									
Среднее по всем дням	13.9	14.1	16.0	18.4	21.9	24.9	27.2	28.4	27.7	25.8	23.2	20.8	20.1	20.6	21.1	21.2	21.1	20.4	20.3	19.1	18.4	17.7	16.4	15.2	20.6
Среднее по спок. дням	14.4	14.9	16.6	18.7	21.4	22.5	26.3	27.2	26.8	25.0	22.9	21.4	20.3	20.2	20.8	21.3	21.2	20.7	20.6	19.8	19.2	17.7	15.8	14.2	20.5
Среднее по 60-ти дням	13.0	14.4	14.4	17.4	22.1	25.4	27.8	29.3	28.6	26.3	22.6	21.2	20.1	21.8	21.8	20.1	20.4	19.8	19.3	16.5	16.8	17.0	15.2	14.0	20.2

Ведомство СибУЗММР
 Обсерватория Иркутск
 Месяц июнь Год 1948

Широта Долгота

Элемент Горизонтальная составляющая

$H = 194808 + E_H = 3.2/мм H = 194898$

Время мн-ровое Дни	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17						Средн. суточн.				
1	95	84	71	76	76	89	100	116	125	114	114	116	113	113	113	119	119	119	119	120	118	124	130	129	109		
2 D	125	113	100	92	85	91	96	111	122	193	218	119	131	151	186	108	79	107	108	98	108	115	100	84	75	117	
3 D	69	76	71	74	61	64	73	89	91	109	106	108	113	102	101	107	107	108	108	108	116	106	111	113	109	96	
4	87	76	50	44	51	75	99	109	113	118	115	118	130	122	127	118	120	119	110	110	105	116	118	114	96	102	
5	82	45	10	-2	10	34	45	51	71	77	87	79	94	106	104	110	113	113	119	118	115	110	108	108	108	99	
6	97	92	81	73	78	81	88	100	117	116	116	□	□	□	□	□	□	□	□	□	□	□	□	□	□	94	
7 Q	100	90	79	77	72	65	68	103	116	125	124	124	113	109	114	114	116	118	127	107	105	98	103	99	103	103	
8	98	91	65	59	59	53	87	103	115	118	117	111	112	111	112	117	118	107	109	106	107	107	110	114	100	100	
9 Q	109	97	86	69	69	80	93	107	115	122	120	122	121	119	118	119	119	117	118	120	121	125	123	117	109	109	
10	104	96	86	92	99	105	112	116	156	153	141	119	138	128	124	137	136	122	117	125	127	143	135	104	121	121	
11	102	89	84	67	46	75	107	91	94	94	84	100	103	103	107	113	113	115	116	115	115	116	119	117	99	99	
12	107	95	83	77	78	78	98	113	120	122	108	100	103	103	113	116	118	116	115	111	107	109	113	110	105	105	
13 Q	96	84	76	76	79	92	108	119	122	118	122	120	121	119	117	115	118	119	119	118	120	124	125	126	111	111	
14 Q	114	98	79	68	75	86	100	117	125	123	127	125	124	122	121	124	125	125	125	120	126	131	132	128	114	114	
15	111	95	89	87	91	88	103	110	113	123	123	130	111	115	117	119	121	122	122	122	125	128	129	125	113	113	
16 Q	116	106	97	92	101	116	126	130	139	142	141	136	125	130	131	135	137	140	137	134	130	132	129	128	126	126	
17	119	107	91	82	78	80	94	111	124	133	137	118	121	125	129	130	131	132	129	126	122	131	130	122	117	117	
18	103	91	81	82	87	98	106	113	123	140	132	122	118	115	120	124	127	128	131	135	130	130	126	123	116	116	
19	109	97	93	90	103	119	115	115	134	145	138	130	122	132	135	139	133	137	118	112	118	119	112	109	120	120	
20	94	84	76	71	65	72	89	102	106	113	120	□	□	□	□	□	□	□	□	□	□	□	□	□	□	90	90
21 D	94	76	45	17	24	50	72	84	113	124	129	126	114	114	125	130	112	103	115	105	110	100	106	91	95	95	
22	68	72	51	34	43	62	81	86	100	117	122	118	119	117	124	122	122	122	119	122	119	119	119	107	99	99	
23	87	71	63	61	70	74	83	101	120	122	117	111	118	122	122	125	125	113	115	112	109	107	107	109	103	103	
24	89	77	61	54	61	58	62	83	93	103	113	113	121	123	119	117	116	113	113	106	100	100	100	99	96	96	
25	85	74	60	55	64	77	87	95	120	101	118	144	131	133	131	129	122	130	128	122	125	127	131	133	109	109	
26 D	118	105	91	78	49	49	53	78	103	95	101	76	80	90	94	81	84	87	77	83	87	93	91	88	85	85	
27	77	72	57	43	41	60	63	62	97	104	112	107	108	94	100	105	110	108	105	106	102	109	108	99	90	90	
28	85	78	64	55	58	72	94	103	107	105	109	107	113	110	116	116	118	118	119	119	119	111	106	110	101	101	
29	104	91	76	59	60	68	90	90	105	121	148	144	142	145	145	138	142	151	142	142	145	142	114	101	117	117	
30 D	82	62	49	38	31	38	57	67	81	99	98	81	68	75	87	86	97	98	94	92	99	100	98	88	77	77	
31																											
Среднее по всем дням	98	86	72	65	65	75	88	99	113	119	122	115	115	116	120	118	118	118	117	115	116	117	115	109	105	105	
среднее по в. дням	107	95	83	76	79	88	99	115	123	126	127	125	121	120	120	121	123	124	125	120	120	122	122	120	113	113	
среднее по возм. дням	98	86	71	60	50	58	69	86	102	124	130	102	101	106	119	102	96	101	98	101	103	101	99	90	94	94	

19	20	21	22	23	Средн. суточн.	
119	120	118	124	130	129	109
98	108	115	100	84	75	117
108	116	106	111	113	109	96
110	105	116	118	114	96	102
119	118	115	110	108	108	99
□	□	□	□	□	□	94
127	107	105	98	103	99	103
109	106	107	107	110	114	100
118	120	121	125	123	117	109
117	125	127	143	135	104	121
116	115	115	116	119	117	99
115	111	107	109	113	110	105
119	118	120	124	125	126	111
125	120	126	131	132	128	114
122	122	125	128	129	125	113
137	134	130	132	129	128	126
129	126	122	131	130	122	117
131	135	130	130	126	123	116
118	112	118	119	112	109	120
□	□	□	□	□	□	90
115	105	110	100	106	91	95
119	122	119	119	119	107	99
115	112	109	107	107	109	103
113	106	100	100	100	99	96
128	122	125	127	131	133	109
77	83	87	93	91	88	85
105	106	102	109	108	99	90
119	119	119	111	106	110	101
142	142	145	142	114	101	117
94	92	99	100	98	88	77

Обработал Мухоменова Проверил Каримова

Ведомство СибУЗМЦФ

Широта

Долгота

Элемент Вертикальная составляющая

Обсерватория Иркутск

Месяц июнь Год 1978

$Z = 56850^{\sigma}$ +

$\epsilon_z = 2.5^{\sigma}/\text{мм } Z_0 = 56851^{\sigma}$

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	□	66	64	63	64	64	68	70	75	78	83	84	79	76	76	76	75	75	75	75	76	77	76	74	73
2D	67	64	59	58	60	63	66	75	75	80	99	102	99	92	95	110	97	94	83	75	80	82	80	78	80
3D	76	74	66	58	58	66	70	77	81	88	89	89	85	82	79	79	78	80	79	74	77	77	76	79	77
4	75	69	66	66	66	67	68	73	78	82	88	87	83	84	81	78	80	78	77	78	78	67	62	60	75
5	66	70	67	57	59	67	75	80	92	92	96	94	89	84	80	81	81	81	81	81	80	80	80	78	79
6	68	64	59	56	58	59	64	73	81	84	88	□	□	□	□	□	□	□	□	□	□	□	□	□	68
7 Q	79	71	69	68	64	64	71	77	81	89	93	89	83	80	79	78	78	78	76	76	76	76	76	76	77
8	76	74	70	65	58	62	70	74	78	80	83	86	85	84	82	81	81	81	82	82	82	84	84	84	78
9 Q	85	80	72	66	63	66	68	70	73	79	84	86	83	82	80	80	80	78	80	80	80	82	82	80	78
10	78	73	66	63	63	64	66	66	71	72	78	85	86	84	84	84	80	77	77	79	81	82	76	75	75
11	72	70	67	67	64	66	68	76	92	95	96	96	90	86	84	84	84	84	83	83	84	86	84	85	81
12	88	89	80	74	75	84	84	80	79	83	88	97	95	89	85	85	85	84	82	82	85	85	82	82	84
13 Q	80	80	72	65	65	70	76	74	70	80	88	90	90	89	86	84	83	84	83	84	86	86	85	82	81
14 Q	80	78	72	72	69	70	73	78	82	84	89	88	82	80	79	79	80	80	79	80	82	83	82	84	79
15	79	74	72	72	69	67	74	79	85	90	93	94	87	84	84	84	83	83	83	83	86	86	86	76	81
16	72	75	76	73	72	72	76	78	80	84	89	91	86	80	78	79	79	80	80	80	81	82	81	81	79
17	78	74	68	67	62	57	61	68	76	84	91	94	88	84	82	80	82	80	80	82	85	85	83	83	78
18	78	70	64	62	62	65	68	76	79	90	92	91	86	82	82	80	82	82	82	83	84	85	81	74	78
19	66	67	67	63	65	62	60	70	85	92	97	97	88	84	80	80	82	80	80	83	85	84	82	80	78
20	79	76	72	65	60	65	74	77	83	88	87	□	□	□	□	□	□	□	□	□	□	□	□	□	75
21D	71	65	67	62	60	63	75	78	84	90	94	96	94	88	87	85	82	82	82	80	80	80	84	83	80
22	85	87	78	73	67	64	66	73	80	89	95	98	95	88	86	86	84	83	81	81	81	85	86	89	82
23	84	76	70	72	66	64	66	70	76	86	96	96	90	86	82	82	82	81	80	76	76	72	72	72	78
24	79	72	68	61	62	66	70	76	80	86	88	90	88	87	86	82	82	82	80	79	80	80	80	80	78
25	84	80	66	70	68	60	58	64	74	74	77	84	85	85	84	82	84	82	78	78	80	79	79	80	76
26D	80	72	61	55	58	64	70	82	90	98	102	104	100	95	92	90	88	83	80	80	75	66	64	64	80
27	68	72	70	70	66	66	70	74	80	88	92	92	92	92	87	86	84	84	83	81	84	87	86	82	81
28	79	77	65	60	62	67	70	70	76	86	92	94	94	90	86	85	84	84	84	84	84	82	80	82	80
29	78	74	70	66	62	60	62	68	80	86	88	85	84	82	81	82	82	82	81	82	83	74	50	40	74
30D	72	54	60	65	68	68	76	82	89	100	106	106	110	102	98	92	91	91	87	88	88	88	88	90	84
31																									
Среднее по всем дням	76	73	68	65	64	65	69	74	80	86	91	92	89	86	84	83	83	82	81	80	81	81	79	78	79
среднее по сов. дн.	79	77	72	69	67	68	73	75	77	83	89	89	85	82	80	80	80	80	80	80	81	82	81	81	79
средн. по без. дн.	67	66	63	60	61	65	71	79	84	91	98	99	98	92	90	91	87	86	82	79	80	79	78	79	80

Обработал Каримова

Проверил Михаленкова

Ведомство СибУИЗМИР
 Обсерватория Уркутск
 Месяц Июнь Год 1978

Широта Долгота

Элемент Южный вектор

$T = 60140^{\circ} + \text{от} = 300^{\circ}/\text{мин} T = 60142$

Время мин-ровое Дни	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	56	52	46	42	42	46	53	58	66	66	71	72	66	63	63	66	64
D 2	60	54	46	42	41	46	48	62	64	80	105	84	90	90	100	96	79
D 3	57	52	46	38	34	42	48	58	60	75	74	76	74	68	64	66	66
4	52	50	39	38	39	46	52	60	67	72	76	78	77	75	73	70	70
5	50	44	31	17	20	32	44	50	69	75	80	78	78	72	67	70	71
6	54	50	43	38	39	40	48	59	71	74	76	□	□	□	□	□	□
Q 7	66	56	52	48	46	42	50	64	70	80	85	81	70	65	65	62	62
8	52	48	36	29	24	24	40	48	54	57	60	62	62	61	61	61	61
Q 9	67	57	47	37	33	38	44	51	55	62	66	68	64	64	63	62	64
10	60	53	41	39	41	43	47	48	64	62	66	□	□	□	□	□	□
11	55	49	44	40	32	40	51	52	70	68	78	78	74	68	66	68	67
12	74	72	59	52	52	59	62	64	65	70	71	78	78	72	70	72	71
Q 13	63	59	52	42	44	51	60	60	60	68	77	78	78	78	74	70	70
Q 14	68	62	52	48	47	50	57	66	72	72	78	79	74	70	70	70	70
15	67	58	54	54	51	48	58	64	72	80	82	86	74	72	72	72	72
Q 16	62	61	60	56	58	60	66	68	72	78	82	84	76	72	70	72	73
17	68	62	52	48	42	35	42	54	65	76	84	82	78	76	72	72	72
18	64	54	46	42	43	48	53	63	68	83	83	80	77	70	71	71	72
19	54	52	50	44	51	49	46	58	76	86	89	89	78	76	74	75	74
20	62	58	52	42	36	42	54	60	70	75	78	□	□	□	□	□	□
D 21	54	44	39	28	24	34	51	58	70	78	84	88	82	76	78	78	68
22	64	67	53	43	38	40	46	52	62	76	85	87	82	76	76	75	75
23	67	55	45	47	44	41	43	52	62	73	84	82	78	76	74	74	70
24	62	53	43	36	38	40	46	54	62	70	76	80	80	80	78	73	71
25	67	60	45	46	46	40	40	48	64	58	66	79	78	79	76	74	74
D 26	72	61	47	38	32	34	41	60	72	80	89	85	80	77	76	71	69
27	48	52	46	42	36	40	44	48	64	73	80	78	80	77	73	73	72
28	64	60	44	36	39	44	54	56	62	72	78	81	82	76	76	74	73
29	65	58	50	42	36	36	44	49	64	74	84	81	80	78	76	75	78
D 30	23	30	32	35	36	36	46	59	67	83	90	84	87	81	79	72	74
31																	

19	20	21	22	23	Средн. суточн.	
64	64	64	70	68	68	61
75	64	72	70	65	58	70
67	64	64	66	66	66	61
66	66	70	58	51	45	61
72	72	71	70	69	66	60
□	□	□	□	□	□	54
65	57	58	54	58	57	62
61	61	62	62	64	66	53
63	64	65	69	69	66	58
□	□	□	□	□	□	51
69	69	70	72	72	71	62
69	67	70	72	70	70	68
72	72	74	76	76	76	67
70	70	74	76	76	76	67
72	72	76	78	77	68	69
72	72	72	76	74	72	70
70	72	76	78	76	74	67
74	77	77	76	73	66	67
68	71	74	74	70	68	68
□	□	□	□	□	□	57
72	66	66	66	71	67	63
71	71	72	74	76	76	67
70	64	64	60	60	60	63
70	66	66	66	65	66	63
70	70	72	72	73	74	64
61	61	59	50	48	50	62
70	68	71	74	72	70	68
74	75	74	71	68	70	66
76	78	78	69	37	24	63
69	70	75	76	74	72	64

Среднее по всем дням	60	55	46	41	39	42	49	57	66	73	79	80	77	74	72	72	71	71
	65	59	53	46	46	48	55	62	66	72	78	78	72	70	68	67	68	68
	53	48	42	36	33	38	47	59	67	79	88	83	83	78	79	72	71	71

Обработал Т. И. Маслова

Проверил Каримова