

Среднемесечн $D-2^{\circ}21'9''$ Ведомство СибУЗНИИРЭлемент СклонениеОбсерватория ИркутскМесяц Январь Год 1982 $D - 2^{\circ}00'$ $E_D 1.55'/\text{мм } D = -2^{\circ}28'8''; -2^{\circ}31'5''$

Время роис Тем	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Средн суточн.	
1	21.2	20.0	19.8	20.6	21.0	22.4	23.0	23.2	22.7	22.6	22.8	22.8	21.4	20.8	22.4	21.9	20.8	21.2	22.6	22.5	22.4	23.0	22.8	22.8	21.9
2	21.6	20.2	19.6	20.2	21.5	23.3	24.7	24.1	23.2	22.8	22.4	21.9	22.5	22.0	21.6	21.4	19.5	20.6	21.4	20.4	18.7	19.7	21.8	22.0	21.5
D 3	21.8	21.5	21.3	21.6	23.0	24.1	24.0	23.6	23.0	21.1	22.9	22.5	22.5	22.0	21.4	19.0	17.2	20.8	21.4	22.6	26.4	19.4	21.3	22.8	22.0
4	25.0	21.5	19.8	19.2	20.5	22.8	24.8	25.8	24.2	23.3	23.1	23.2	23.0	20.4	21.4	20.8	17.3	18.6	19.2	21.4	22.6	23.2	24.1	26.0	22.1
5	23.1	20.4	19.8	19.8	21.3	22.4	23.6	23.6	23.3	23.2	23.8	23.4	23.0	22.5	22.4	22.4	22.2	22.2	22.4	22.4	22.6	22.6	22.6	22.1	22.4
6	21.9	20.2	19.5	20.0	21.6	24.2	25.2	25.2	23.4	25.1	24.6	23.6	23.6	22.4	22.6	22.7	22.8	22.5	22.5	22.9	22.0	23.1	22.5	22.8	22.8
7	22.5	22.0	21.4	21.3	21.6	23.3	24.6	23.4	23.2	23.6	23.7	23.5	23.2	20.4	20.7	20.2	20.8	20.4	22.5	20.6	20.8	19.8	20.0	21.7	21.9
8	21.4	23.1	22.5	23.5	23.0	24.7	24.1	23.4	23.1	22.9	23.2	23.5	23.0	22.6	22.5	21.3	22.0	21.1	20.9	20.2	21.6	20.8	22.0	22.0	22.4
Q 9	21.6	22.0	21.4	21.9	22.2	23.6	25.0	24.8	23.6	23.0	22.8	23.1	22.5	22.2	21.3	21.5	21.9	21.7	20.6	20.7	21.0	21.3	21.9	22.2	22.2
10	22.0	21.4	20.9	20.6	20.8	22.2	24.0	24.1	23.6	22.8	22.8	23.0	22.6	22.5	22.3	22.2	21.8	21.6	21.1	20.8	20.8	20.0	20.6	21.7	21.9
11	22.0	21.2	21.0	21.4	22.0	22.8	24.1	23.8	23.7	23.1	23.0	23.0	22.7	22.6	22.5	21.6	21.2	20.9	20.6	20.6	21.4	22.0	22.5	22.5	22.2
Q 12	22.2	21.6	20.8	20.9	21.8	22.5	22.8	22.8	23.3	22.8	22.4	22.7	22.5	22.2	22.0	21.8	21.6	21.5	21.4	21.4	21.6	22.0	22.2	22.8	22.1
Q 13	21.8	20.6	20.2	20.5	21.4	23.0	24.2	23.8	22.7	22.4	22.2	22.0	21.9	21.8	21.8	21.9	22.0	21.3	21.4	21.4	21.2	21.6	21.8	22.0	21.9
Q 14	21.5	21.0	20.6	20.7	21.4	22.5	22.8	22.7	22.4	22.2	22.1	21.9	21.9	21.9	22.0	22.0	21.9	22.0	22.0	22.0	22.2	22.2	22.4	22.4	21.9
15	21.7	20.8	19.8	21.6	22.4	23.1	23.7	22.4	22.4	22.0	22.4	21.4	20.6	20.0	19.2	20.8	22.0	22.4	21.2	22.2	21.2	23.0	22.1	22.0	21.7
16	21.4	19.7	19.6	20.5	22.0	23.7	24.7	24.9	23.4	22.4	22.4	21.9	21.6	18.0	17.7	15.0	18.7	19.8	22.0	22.4	18.4	21.7	23.0	25.2	21.3
17	21.7	19.5	20.6	21.4	22.0	22.8	23.8	24.0	23.0	22.4	24.1	23.1	21.8	20.9	20.8	19.7	19.2	21.0	22.3	23.1	23.1	23.0	23.0	22.6	22.0
18	22.0	20.3	19.8	21.1	22.4	24.1	25.8	26.0	24.5	23.0	22.8	22.6	22.4	22.2	22.0	22.0	22.6	22.4	20.6	17.4	19.2	25.2	20.1	21.6	22.2
Q 19	21.0	20.5	20.6	21.6	23.0	24.0	24.8	24.7	23.3	22.6	22.7	22.7	22.0	22.0	22.6	22.7	23.0	23.0	23.0	23.0	22.6	22.4	22.0	22.3	22.6
20	□	□	□	□	□	□	□	□	23.3	22.3	21.6	21.6	21.4	21.2	21.3	21.3	21.3	21.3	21.3	22.4	21.3	21.8	21.4	20.8	21.6
21	19.8	18.3	17.8	19.6	22.0	23.5	25.8	26.7	25.8	24.8	24.6	22.9	22.1	21.7	21.4	21.4	20.6	19.2	16.9	20.7	21.8	22.4	22.0	21.4	21.8
D 22	22.0	21.3	20.8	21.1	24.0	25.2	26.0	25.0	24.7	22.0	24.6	23.6	17.7	19.8	18.3	18.0	19.4	20.4	17.8	17.6	18.6	19.7	21.4	22.4	21.3
D 23	24.2	24.7	23.6	23.7	22.2	21.8	24.1	23.6	22.4	22.0	22.7	21.6	17.0	19.1	20.8	19.2	18.1	19.4	21.3	22.5	26.8	27.0	25.0	23.6	22.4
24	23.5	22.5	20.8	21.4	21.8	21.6	22.0	21.4	21.0	22.0	22.2	22.4	21.0	18.6	17.6	18.4	21.6	21.4	21.8	24.3	22.5	18.8	22.8	23.6	21.5
25	21.6	19.8	19.2	20.2	22.0	23.2	23.2	22.5	22.2	22.4	22.4	22.4	22.1	21.8	18.8	21.2	21.7	21.7	21.6	21.7	21.6	22.3	21.4	21.0	21.6
26	19.9	18.6	18.6	19.8	21.2	22.7	23.3	22.4	22.2	22.1	22.0	21.9	21.8	21.4	21.2	21.3	21.1	21.1	21.2	21.8	21.4	20.0	20.2	20.7	21.2
27	20.3	19.7	20.6	20.8	22.0	23.6	23.4	23.2	22.4	22.3	22.4	22.4	20.3	20.5	20.8	20.6	19.4	19.6	20.6	20.7	21.3	22.0	23.6	23.6	21.5
28	21.4	20.8	20.2	21.7	21.2	22.4	23.0	24.6	23.8	22.2	23.0	24.4	22.3	21.8	21.4	21.0	20.8	20.9	21.0	22.0	21.8	21.6	22.0	21.4	21.9
29	20.8	20.4	19.4	19.2	19.2	21.5	22.8	23.3	23.3	22.2	21.8	22.0	22.0	21.8	21.8	21.2	20.8	20.4	18.1	17.7	20.8	21.6	21.4	22.2	21.0
D 30	21.2	21.6	24.6	22.6	20.2	19.7	23.5	24.6	22.5	21.8	21.4	19.2	20.8	20.8	20.8	17.9	20.2	21.2	22.0	20.8	20.8	20.8	21.1	20.8	21.2
D 31	□	□	□	□	19.8	24.1	25.8	24.6	23.6	23.2	22.4	18.4	21.8	24.2	23.6	24.2	24.6	20.3	19.6	19.6	20.4	20.4	21.1	21.1	22.1
Среднее по всем дням	21.8	20.9	20.5	21.0	21.7	23.0	24.1	23.9	23.2	22.7	22.8	22.4	21.8	21.4	21.2	20.8	20.9	21.0	21.0	21.3	21.6	21.8	22.0	22.3	21.9
Среднее по спец. дням	21.6	21.1	20.7	21.1	22.0	23.1	23.9	23.8	23.1	22.6	22.4	22.5	22.2	22.0	21.9	22.0	22.1	21.9	21.7	21.7	21.7	21.9	22.1	22.3	22.1
Среднее по больш. дням	22.3	22.3	22.6	22.2	21.8	23.0	24.7	24.3	23.2	22.0	22.8	21.1	20.0	21.2	21.0	19.5	19.9	20.4	20.4	20.6	22.6	21.5	22.0	22.1	21.8

Таммашевская

Тонкова

Ведомство СибВМФСреднемесечн. $H = 19574^{\circ}$ Элемент горизонтальной составляющейОбсерватория ИркутскМесяц Июль Год 1982 $H = 19480^{\circ}; 19400^{\circ}$ $E_H = 3.2^{\circ}/\text{мм } H = 19485^{\circ}; 19413^{\circ}; 19430^{\circ}$

Время роис Час																							Средн суточн.		
	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	19	20	21	22	23					
1	42	41	30	26	26	32	34	36	35	38	37	36	35	37	37	38	50	23	31	35	38	42	42	45	36
2	47	39	30	19	19	27	38	45	48	43	36	38	38	29	19	35	15	20	35	22	23	21	26	26	31
D 3	26	19	13	10	9	10	20	26	30	25	23	27	35	37	38	36	46	36	39	43	66	44	40	29	30
4	39	29	16	6	3	9	16	27	32	32	29	32	35	39	44	42	29	20	26	35	38	39	46	48	30
5	49	45	36	28	26	30	34	41	41	39	39	44	44	48	48	48	49	50	50	51	51	51	54	58	44
6	62	56	48	47	42	38	36	42	38	35	30	26	22	38	48	49	56	58	58	58	49	43	44	49	45
7	48	41	38	35	38	48	49	41	38	45	46	46	44	40	49	51	56	32	42	40	48	36	38	46	43
8	42	40	38	29	26	28	38	36	42	42	38	43	47	47	48	51	49	45	50	42	40	42	41	42	41
Q 9	43	45	40	35	32	36	38	45	47	44	44	47	50	50	50	48	47	50	49	45	48	47	48	52	45
10	56	55	54	48	40	41	45	53	60	60	56	55	61	61	61	61	60	60	60	54	49	48	49	53	54
11	58	58	48	40	41	45	53	51	52	54	50	50	50	50	48	44	42	44	44	40	44	46	46	48	48
Q 12	59	59	57	49	50	52	50	52	52	52	52	57	58	58	59	58	59	60	60	58	57	56	56	61	56
Q 13	62	59	58	54	62	65	72	78	68	70	67	66	68	66	67	64	64	68	67	64	63	63	66	66	65
Q 14	64	61	56	53	58	64	64	68	70	66	64	72	70	73	74	72	72	78	72	77	76	72	72	70	68
15	66	68	52	40	50	56	57	52	60	60	57	38	32	29	34	39	52	52	48	64	50	57	58	56	51
16	55	50	44	38	34	39	48	50	34	31	36	41	48	57	50	12	8	28	32	30	28	36	40	54	38
17	□	□	30	26	34	38	40	44	46	28	16	18	26	35	44	48	48	48	51	54	56	54	54	58	41
18	58	52	42	38	36	36	40	48	56	58	55	54	57	52	50	48	58	54	64	64	57	32	48	40	50
Q 19	38	38	25	18	18	23	32	38	45	48	44	44	45	50	50	51	51	56	54	59	57	59	62	67	45
20	□	□	□	□	□	□	□	□	139	136	136	136	134	136	138	138	137	137	132	142	139	136	139	140	137
21	140	134	129	120	117	123	132	145	144	157	149	148	148	154	146	146	152	158	132	138	140	142	146	149	141
D 22	130	128	123	116	112	104	102	108	102	96	84	82	92	88	86	91	105	148	111	112	108	110	114	128	108
D 23	134	139	124	116	116	108	108	104	107	111	106	99	104	96	98	110	108	117	122	118	124	139	145	137	116
24	131	130	124	120	114	117	128	128	114	104	107	110	106	104	98	93	126	130	132	141	138	123	120	123	119
25	120	114	107	96	94	102	110	117	120	122	121	116	120	120	136	137	127	130	132	130	129	130	130	132	120
26	129	123	114	115	118	128	133	134	134	134	130	125	125	132	134	132	133	136	139	146	148	139	130	134	131
27	129	124	120	115	111	101	122	136	137	130	123	116	124	130	110	114	103	114	122	127	130	132	139	156	124
28	149	145	126	101	110	109	112	110	94	82	56	69	101	122	130	129	124	122	128	130	130	130	129	130	115
29	126	123	117	113	110	110	122	125	130	133	134	130	133	130	130	138	148	157	134	139	135	139	142	146	131
D 30	146	123	121	114	118	97	106	101	98	74	76	100	98	97	98	120	106	114	120	120	120	122	122	119	110
D 31	□	□	□	□	112	128	150	150	140	136	128	125	98	73	86	83	57	53	52	78	81	86	86	84	94
Среднее по всем дням	80	96	68	61	63	65	71	94	76	74	70	71	73	73	75	75	75	77	77	79	79	78	80	82	74
Средн. по спок. дням	53	52	47	42	44	48	51	56	56	56	54	57	58	59	60	59	59	62	60	61	60	59	61	63	56
Средн. по возм. дням	109	102	95	89	93	89	97	98	95	88	83	87	85	78	81	88	83	94	89	94	100	100	101	99	92

ИркутскИркутск

Водоизмер. *СибУЗ.ММР*
 Обсерватория *Иркутск*
 Месяц *Январь* Год *1982*

Среднемес. $Z = 56893^{\circ}$

Элемент *Вертикальная составляющая*

$Z = 56840^{\circ}; 56830^{\circ}$

$EZ \ 2.5^{\circ}/\text{мин} \ Z = 56842^{\circ}; 56834^{\circ}$

Время чч-мм-сс	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Средн. суточн.	
1	60	60	58	58	58	57	59	58	57	55	57	58	59	60	60	61	62	56	58	58	60	60	60	59	
2	61	61	58	60	61	60	60	60	59	57	56	59	58	60	58	61	63	60	62	55	54	55	57	58	59
D 3	60	62	64	63	60	62	63	64	63	60	61	62	62	61	60	59	56	55	56	55	48	43	47	49	58
4	55	54	56	58	60	60	60	58	60	60	60	61	61	63	61	58	57	57	58	59	58	58	58	59	
5	58	61	58	61	61	57	54	56	58	58	58	58	58	58	58	58	58	56	56	56	53	53	53	56	57
6	58	61	62	58	57	57	58	63	62	58	58	62	64	64	62	61	60	58	58	57	56	55	57	59	
7	58	61	57	61	58	57	60	58	57	58	58	61	61	61	60	61	56	58	60	58	58	55	56	57	59
8	57	57	58	59	59	57	60	61	60	59	58	60	60	60	60	58	58	58	58	56	57	56	56	56	58
Q 9	58	57	57	53	53	51	55	59	58	57	57	57	59	59	60	58	58	58	56	56	56	58	58	58	57
10	56	56	55	55	50	51	49	53	55	55	54	54	54	57	57	57	57	56	56	56	56	53	56	56	55
11	55	57	57	59	59	55	54	55	56	56	56	57	58	58	58	59	59	59	59	59	59	59	58	58	57
Q 12	58	58	58	59	57	56	58	56	56	59	58	58	59	59	59	58	57	56	55	55	55	54	55	56	57
Q 13	56	56	56	55	53	49	49	50	53	53	53	53	53	55	53	53	53	53	54	54	54	54	53	53	53
Q 14	55	57	56	56	53	50	53	53	53	50	53	53	53	53	53	54	54	54	53	52	52	50	50	50	53
15	55	58	58	58	59	55	59	58	56	54	56	58	62	63	63	61	61	61	61	56	55	55	55	56	58
16	57	59	56	56	55	55	55	58	56	56	56	57	58	59	54	55	60	60	60	50	50	55	55	54	56
17	53	53	49	51	55	56	54	58	59	57	58	63	63	64	62	58	58	56	57	57	57	56	56	56	57
18	61	59	57	54	54	52	52	57	58	58	57	57	57	57	57	58	58	56	56	45	42	42	45	51	54
Q 19	56	58	54	52	52	53	58	63	63	61	57	58	59	58	57	57	57	57	57	55	55	55	55	55	57
20	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
21	58	59	57	53	53	52	52	55	57	57	55	56	56	57	56	58	58	57	58	58	56	56	56	54	56
D 22	53	53	51	49	50	51	53	58	60	67	68	68	71	70	74	72	68	57	55	56	52	52	54	58	59
D 23	56	57	54	54	54	48	53	58	60	58	60	63	63	63	69	63	66	64	60	58	57	52	50	50	58
24	55	60	58	58	56	55	55	57	55	57	58	61	63	63	68	64	63	58	58	56	52	48	52	50	58
25	53	56	53	51	52	52	56	58	58	56	57	59	60	60	60	56	56	58	57	57	57	56	56	56	56
26	60	61	58	54	48	51	52	55	58	58	57	57	58	58	58	59	59	59	58	53	51	50	52	55	56
27	56	57	58	58	53	53	55	57	56	57	56	56	61	57	59	60	61	62	61	58	57	55	53	52	57
28	50	50	52	57	56	52	56	61	63	64	64	76	71	67	63	63	61	62	62	60	60	60	58	58	60
29	58	60	63	61	57	48	45	49	55	59	57	57	57	59	60	61	60	58	58	56	56	57	56	55	57
D 30	56	57	58	61	56	49	49	51	56	62	63	64	63	64	63	61	57	60	58	57	57	57	57	57	58
D 31	□	□	□	□	58	53	52	55	53	57	61	66	70	78	70	78	73	80	77	77	76	76	75	75	68
Среднее по всем дням	57	58	57	57	56	54	55	57	58	58	58	60	60	61	60	60	59	59	58	57	56	55	55	56	58
Среднее по сп. дням	57	57	56	55	54	52	55	56	57	56	56	56	57	57	56	56	56	56	55	54	54	54	54	54	55
Среднее по возм. дням	56	57	57	57	56	53	54	57	58	61	63	65	66	67	67	67	64	63	61	60	58	56	57	58	60

Былда

Панюковская

Ведомство СибЦИЗЦПР
Обсерватория Иркутск
Месяц Январь Год 1982

Среднемесяч. $T = 60118^{\circ}$

Элемент Полный вектор

$T = 60090$

$ET = 3.0^{\circ}$ или $T = 60106^{\circ}$

Время роис- ход	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	19	20	21	22	23	Средн суточн.			
1	65	65	62	60	60	60	59	60	60	60	61	62	62	63	63	65	60	55	62	62	62	62	66	62	
2	68	65	60	60	60	60	62	66	65	62	60	62	62	61	60	62	55	60	59	54	54	56	60	60	
D 3	62	62	62	61	56	57	62	65	65	60	60	62	65	64	65	62	62	58	60	60	56	48	50	50	60
4	58	54	54	54	54	55	56	56	62	61	60	62	63	66	65	62	56	56	59	62	62	62	63	62	59
5	65	66	62	61	61	56	54	60	62	62	60	62	63	64	64	63	62	62	63	62	62	62	65	62	
6	68	69	67	66	62	59	60	66	65	62	60	62	62	66	66	66	66	66	66	66	60	60	60	62	64
7	63	63	62	62	62	60	64	62	60	62	62	65	65	65	65	68	62	59	62	62	62	56	60	62	62
8	60	60	60	57	57	56	62	62	61	61	60	61	62	63	65	64	61	61	63	59	59	60	59	60	61
Q 9	61	61	59	53	53	52	55	61	61	60	60	61	62	62	62	62	62	63	62	62	62	60	60	61	60
10	62	62	60	57	53	50	51	57	62	62	59	60	61	61	62	63	63	63	62	60	57	57	57	58	59
11	60	63	62	60	58	56	58	58	61	61	59	60	62	62	63	63	63	63	63	60	63	62	62	63	61
Q 12	63	63	63	62	61	61	61	60	61	63	64	65	66	66	65	65	66	66	64	64	64	63	63	66	64
Q 13	67	66	63	63	63	57	62	66	66	66	63	63	67	66	67	64	63	65	65	62	62	63	63	63	64
Q 14	65	65	64	65	62	62	63	65	63	62	62	66	65	65	65	65	65	66	66	66	65	63	63	62	64
15																									
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31																									
Среднее по всем дням	29	29	28	27	27	26	27	28	28	28	27	28	29	29	29	29	28	28	128	28	27	27	27	28	28
Среднее по спок. дням	64	64	62	61	59	58	62	63	63	63	65	64	65	65	65	64	64	65	64	63	63	62	62	63	63
Среднее по близк. дням	62	62	62	61	56	57	62	65	65	60	60	62	65	64	65	62	58	58	60	60	56	48	50	50	60

Полная

Полная

Среднемесечн. $D = -2^{\circ}21'7''$ Ведомство Сиб ЦЗМ ИРЭлемент СклонениеОбсерватория ИркутскМесяц Февраль Год 1982 $D = -2^{\circ}00'0''$ $E_D 0.55'/mm D = -2^{\circ}31'5''$

Время роис дня	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Средн суточи.	
1	20.2	20.2	20.8	21.2	21.5	23.4	24.2	23.2	22.7	22.8	21.0	15.9	17.0	20.5	23.8	22.6	23.6	23.1	13.5	15.0	10.1	23.0	21.2	20.6	20.5
D 2	21.6	23.3	26.8	29.6	27.4	24.0	22.4	26.8	28.4	21.8	23.6	23.2	20.3	12.5	23.2	21.6	21.4	21.6	22.0	21.7	21.6	21.5	22.4	21.4	22.9
3	19.9	17.3	18.6	20.0	24.1	25.8	26.8	25.8	24.8	22.0	23.3	21.2	21.5	19.2	14.4	23.2	22.4	21.8	20.2	19.7	20.6	21.4	21.7	21.5	21.6
D 4	22.5	21.2	22.6	28.7	27.4	27.4	29.1	27.0	25.7	24.2	21.4	25.6	20.4	17.7	23.0	18.2	18.6	19.7	17.4	13.6	15.2	16.4	14.8	19.6	21.6
5	24.7	24.2	23.3	26.0	23.8	25.6	25.2	25.7	25.1	24.3	24.1	24.5	22.5	22.4	21.6	19.6	15.4	13.6	16.4	18.8	22.0	24.6	20.2	21.0	22.3
6	20.7	20.2	18.2	19.6	22.4	24.0	25.4	27.0	25.0	26.2	26.0	22.3	24.6	22.8	19.4	16.8	15.2	18.4	16.3	15.7	18.5	19.3	16.3	22.6	21.0
7	22.0	25.6	24.6	23.4	24.0	26.0	26.2	25.8	24.8	23.7	22.4	23.7	22.6	21.9	22.0	21.2	20.7	21.1	20.2	21.1	19.4	20.6	20.6	19.5	22.6
8	21.4	20.5	18.6	20.2	21.7	22.8	23.6	24.6	24.0	23.6	24.6	24.0	23.5	21.5	20.8	20.5	20.8	16.2	16.0	18.1	15.7	20.5	20.5	20.3	21.0
Q 9	22.0	21.3	21.2	22.1	23.3	24.1	25.0	24.8	24.6	24.8	25.2	24.6	24.0	23.2	22.1	21.7	21.4	21.3	19.6	18.9	18.1	19.7	18.6	19.9	22.1
10	21.6	21.9	22.7	22.5	22.2	23.4	24.0	24.2	23.5	23.4	23.2	26.3	29.1	21.4	15.0	15.0	13.8	16.0	14.2	11.8	16.0	19.3	19.8	22.0	20.5
D 11	21.8	23.6	24.0	24.4	28.8	25.6	23.4	23.0	23.8	23.6	23.3	21.6	20.5	17.6	15.6	16.0	18.9	19.6	20.0	22.0	22.2	26.0	22.2	28.4	22.3
12	27.2	21.6	23.2	24.0	24.2	24.2	23.8	24.0	23.6	23.4	23.5	25.2	25.6	24.4	22.5	19.9	20.5	19.6	17.8	13.0	17.0	15.8	22.5	19.4	21.9
D 13	20.0	21.3	27.6	26.9	27.2	26.2	26.4	26.4	24.6	22.2	24.0	22.0	22.5	24.6	15.7	15.2	15.8	20.8	21.0	16.6	17.2	26.6	18.4	22.0	22.1
14	21.0	19.9	20.8	20.6	22.7	26.0	28.2	25.7	23.4	21.5	23.4	22.2	21.6	20.4	19.0	15.0	18.3	12.5	15.0	18.6	17.6	16.9	16.4	17.6	20.2
Q 15	19.8	18.4	18.9	20.5	22.5	24.0	24.6	24.6	25.2	23.7	23.2	20.3	19.0	17.6	14.8	15.7	19.6	21.7	22.6	22.6	22.8	23.4	23.7	23.6	21.4
Q 16	22.4	21.1	19.7	21.2	22.7	23.2	23.6	24.2	24.0	23.2	22.4	22.2	21.6	21.8	20.5	21.3	21.9	22.1	23.2	21.6	21.5	21.2	21.3	21.0	22.0
17	19.8	18.0	17.0	18.0	20.0	21.2	22.4	23.6	25.8	23.5	22.0	25.2	23.4	22.0	14.2	14.7	14.0	14.6	19.2	25.4	21.4	24.4	23.4	23.2	20.7
18	20.8	19.4	19.9	21.6	22.8	24.1	24.2	25.3	22.4	23.2	22.5	22.0	21.8	15.0	16.4	18.1	19.7	21.2	22.6	29.4	25.0	21.2	21.2	27.6	22.0
19	21.0	20.3	19.3	19.8	22.0	27.1	26.0	24.0	24.4	24.4	23.0	22.8	20.6	14.0	18.6	16.6	13.8	14.3	20.2	22.2	21.2	22.1	24.0	23.2	21.0
20	22.2	21.3	18.6	18.6	21.2	22.4	24.2	24.5	23.3	22.2	23.2	20.4	15.8	20.0	22.4	21.6	21.6	20.0	19.2	20.8	23.3	27.2	25.0	22.6	21.7
21	23.3	23.8	21.4	21.6	23.2	24.0	24.3	24.7	24.6	24.0	22.6	16.3	17.7	23.0	22.4	22.4	22.0	21.2	21.2	20.3	19.8	17.6	17.0	19.8	21.6
D 22	21.6	20.4	19.4	25.8	25.6	24.8	24.7	24.2	23.7	24.1	21.2	24.2	26.5	21.2	20.8	18.2	17.2	12.3	10.6	17.7	23.6	16.8	27.2	20.0	21.3
23	26.0	26.5	21.3	20.8	23.0	25.0	26.0	26.0	25.1	24.0	23.7	23.0	21.6	22.7	20.8	17.6	20.1	19.1	19.6	14.2	18.6	19.6	22.0	21.3	22.0
24	23.6	23.6	22.4	24.3	24.8	25.2	26.0	27.4	26.0	24.0	20.4	22.6	22.4	21.8	15.6	19.6	20.2	20.8	21.4	21.0	20.8	21.3	22.6	25.5	22.6
25	26.5	20.8	19.8	18.6	24.9	27.7	27.6	29.0	29.0	24.3	25.2	24.8	19.6	20.8	18.6	19.9	21.4	21.2	21.7	19.2	21.8	22.2	22.6	21.5	22.7
26	20.0	19.6	20.5	21.0	24.2	24.7	24.4	23.9	23.3	23.6	20.0	21.0	23.3	22.2	22.0	20.8	21.6	19.8	21.4	21.6	25.6	22.2	21.7	23.2	22.2
Q 27	19.8	18.3	18.3	19.4	21.7	23.4	24.9	25.6	24.9	23.3	20.5	21.6	22.7	22.1	22.1	21.6	20.8	21.2	21.2	21.8	22.4	22.1	21.7	21.6	21.8
Q 28	19.8	17.8	16.6	17.2	19.5	22.2	23.3	23.8	24.2	23.8	23.3	23.3	22.7	21.2	22.1	21.9	20.6	19.6	20.8	23.8	22.4	20.5	20.5	20.3	21.3
29																									
30																									
31																									
Среднее по всем дням	21.9	21.1	20.9	22.1	23.5	24.6	25.0	25.2	24.6	23.5	22.9	22.6	21.9	20.6	19.6	19.2	19.3	19.1	19.1	19.5	20.0	21.2	21.1	21.8	21.7
Среднее по своему знам.	20.8	19.4	18.9	20.1	22.1	23.4	24.3	24.6	24.6	23.8	22.9	22.4	22.0	21.2	20.3	20.4	20.9	21.2	21.5	21.7	21.4	21.4	21.2	21.3	21.7
Среднее по всему году	21.5	22.0	24.1	27.1	27.3	25.6	25.2	25.5	25.2	23.2	22.7	23.3	22.0	18.7	19.7	17.8	18.4	18.8	18.2	18.3	20.0	21.5	21.0	22.3	22.0

Талалаевская

Тихонова

Ведомство СибУЗМЦР
 Обсерватория Иркутск
 Месяц Февраль Год 1982

Среднемес. $H = 19483^\circ$

Элемент Горизонтальная составляющая

$H = 19420^\circ$

$\Theta_H 3.2^\circ/\text{м} = 19430^\circ$

Время розов. Пол.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	19	20	21	22	23	Средн. суточн.				
1	47	38	32	31	40	45	56	64	66	61	66	88	38	12	38	59	58	50	66	-20	-19	23	36	40	42
D 2	44	42	10	40	28	48	43	22	36	14	34	-7	-18	12	50	42	42	40	50	52	50	49	50	58	35
3	54	47	41	38	42	35	38	30	42	49	56	50	59	56	93	64	62	69	82	60	66	85	77	72	57
D 4	56	53	24	44	24	24	30	40	40	14	13	14	10	34	33	43	43	63	74	42	43	42	38	24	36
5	25	2	-1	-1	7	20	34	46	46	59	62	64	67	68	10	69	116	74	62	72	79	91	86	76	54
6	81	75	70	46	50	40	34	43	40	54	42	63	56	46	44	27	-1	18	42	24	32	48	32	43	44
7	56	51	40	30	24	24	36	46	56	56	52	53	58	66	75	76	98	87	81	82	74	79	80	66	60
8	70	82	81	72	67	76	76	78	76	76	56	66	60	52	57	69	75	82	62	64	76	74	80	68	71
Q 9	68	70	62	62	59	74	82	82	84	78	77	78	82	87	95	96	94	91	95	88	86	94	91	91	82
10	88	88	89	86	82	82	90	103	109	114	108	62	28	6	12	22	11	12	22	21	16	41	38	49	56
D 11	52	56	50	31	43	53	59	67	66	62	60	56	50	50	72	76	76	70	73	87	93	81	72	56	63
12	51	48	36	26	25	44	66	76	72	73	78	70	69	73	64	66	78	68	66	120	82	40	69	41	63
D 13	44	24	26	23	23	34	38	36	34	48	40	24	34	20	44	6	2	24	9	20	31	40	39	46	30
14	48	40	28	34	24	9	29	39	36	32	18	16	32	34	38	66	66	56	56	51	66	48	48	51	40
Q 15	46	46	44	44	48	44	44	43	55	58	41	31	24	37	35	46	57	72	74	75	78	81	84	88	54
Q 16	88	81	76	71	72	73	82	88	90	89	88	88	85	76	72	79	85	88	94	95	94	93	93	97	85
17	94	88	78	76	81	88	94	94	114	108	94	66	36	56	73	58	46	48	74	95	88	94	91	88	80
18	91	85	76	66	63	60	64	69	66	76	78	82	74	91	84	72	82	88	98	112	102	96	90	94	82
19	106	91	78	62	20	32	52	77	79	70	82	84	78	108	76	67	62	68	86	97	92	82	82	94	76
20	91	82	76	78	62	70	79	87	82	88	88	72	91	74	88	103	116	104	101	89	104	101	94	90	88
21	82	82	79	82	78	82	85	96	98	104	98	62	40	44	88	88	90	94	98	98	98	112	78	82	85
D 22	86	81	63	61	57	64	74	76	74	81	72	73	72	62	37	52	49	38	24	43	53	71	62	66	62
23	42	26	17	6	12	24	27	50	59	56	53	64	64	53	52	32	44	60	68	72	68	82	78	70	49
24	61	50	46	39	40	40	55	65	75	72	76	79	72	65	79	79	82	78	84	91	94	94	95	86	71
25	102	89	67	38	24	31	40	44	40	37	51	46	52	59	50	74	85	85	73	92	94	96	91	94	65
26	98	80	73	46	52	65	56	48	60	56	40	54	74	79	78	79	90	102	94	84	100	103	70	72	73
Q 27	72	56	44	34	34	47	66	82	86	82	76	82	85	82	87	90	90	95	98	101	98	98	97	98	78
Q 28	95	88	76	66	59	65	73	83	95	95	96	96	96	98	100	99	103	102	101	106	110	95	102	101	92
29																									
30																									
31																									
Среднее по всем дням	69	62	53	48	44	50	57	64	67	67	64	60	56	57	64	63	68	69	72	72	73	76	73	71	63
Среднее по сплош. дням	74	68	60	55	54	61	69	76	82	80	76	75	74	76	78	82	86	90	92	93	93	92	93	95	78
Среднее по белым дням	56	51	35	40	35	45	49	48	50	44	44	32	30	36	47	44	42	47	46	49	54	57	56	50	55

Тягкова

Тягалева

Ведомство СибУЗ.ММР
 Обсерватория Иркутск
 Месяц Февраль Год 1982

Среднемес. $Z = 56905^{\circ}$

Элемент Вертикальная составляющая

$Z = 56820^{\circ}$

$EZ = 2.5\% Z = 56834^{\circ}; 56827^{\circ}$

Время роис- ши	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	87	83	84	81	80	78	76	78	76	75	80	84	87	100	100	100	93	82	74	76	65	71	80	83	
D 2	85	85	90	97	90	89	87	88	100	100	98	105	114	112	102	99	98	94	93	88	90	90	90	95	
3	93	93	90	86	84	84	84	88	93	90	94	96	96	95	93	90	91	85	83	85	83	72	69	88	
D 4	69	62	64	76	78	85	85	89	95	100	102	106	108	107	105	103	98	85	74	74	72	66	69	86	
5	74	72	76	79	86	85	86	85	87	93	89	90	95	95	93	93	89	80	84	81	80	70	75	84	
6	79	83	78	75	76	74	75	83	91	93	90	97	95	98	105	113	108	80	73	72	74	73	79	86	
7	84	87	84	80	79	84	88	92	93	93	93	93	94	94	93	92	89	84	81	78	78	76	75	86	
8	81	83	80	80	80	82	81	83	87	87	85	88	92	95	96	94	90	84	80	71	80	84	82	85	
Q 9	82	80	80	76	76	81	78	81	84	84	84	88	89	91	88	85	84	84	83	82	81	78	76	82	
10	79	84	82	79	79	76	76	73	76	79	76	84	108	124	112	103	92	96	90	88	88	86	83	88	
D 11	79	83	80	79	84	83	82	84	86	88	90	91	93	95	97	86	89	92	86	81	68	58	63	84	
12	68	80	85	88	89	89	89	84	83	89	89	90	94	95	95	98	94	93	86	69	66	75	68	85	
D 13	67	70	74	78	86	87	83	87	92	101	95	104	106	109	98	98	99	72	73	65	59	67	85	85	
14	98	101	102	99	91	91	90	94	104	106	108	113	113	110	107	100	94	84	84	72	67	73	73	94	
Q 15	86	85	83	82	78	83	85	78	97	97	97	103	111	102	100	94	95	91	89	89	89	89	89	91	
Q 16	=	=	=	=	=	=	86	82	83	83	84	86	85	89	90	90	89	86	83	84	85	86	83	86	
17	89	89	85	78	76	76	75	75	80	82	83	88	107	107	108	93	89	82	81	74	78	77	83	85	
18	85	83	82	73	74	76	80	82	88	89	89	89	90	93	86	87	87	82	76	72	72	74	70	82	
19	73	73	70	69	67	75	81	81	83	87	91	89	88	90	83	86	86	83	79	74	78	82	81	80	
20	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	
D 21	76	81	79	76	74	74	74	74	76	81	82	84	89	94	91	87	86	84	84	82	74	73	75	81	
22	=	=	=	=	=	=	81	81	82	86	89	90	93	97	88	90	84	88	88	83	63	66	37	58	81
23	65	73	81	81	86	90	90	90	90	91	91	93	91	93	95	96	93	71	76	76	76	70	74	84	
24	81	86	88	86	86	87	92	94	94	93	91	88	88	91	91	88	87	86	86	86	84	84	82	81	88
25	81	82	82	81	83	83	86	86	91	91	90	93	96	96	97	98	94	83	80	83	83	83	83	87	
26	85	86	86	81	82	83	81	84	90	91	97	101	98	93	91	91	91	83	84	81	70	68	79	86	
Q 27	85	83	79	79	79	76	78	78	82	86	86	86	86	86	86	87	84	82	81	81	81	82	83	83	
Q 28	88	89	87	82	77	77	77	78	78	78	80	80	82	82	82	83	83	80	76	71	76	80	81	80	
29																									
30																									
31																									
Среднее по всем дням	81	82	82	81	81	82	82	83	87	89	90	93	96	98	95	93	91	84	81	78	77	76	77	85	
Среднее по 2-м дням	85	84	82	80	78	79	81	79	85	86	86	89	91	90	89	88	87	85	82	81	82	83	82	84	
Среднее по всему дню	75	75	77	82	84	86	84	86	91	95	95	99	103	104	98	95	94	86	82	74	71	68	73	86	

Тюлькова

Положаевская

Водоизмеритель

Среднемесечн. $T = 60146^\circ$

Обсерватория Иркутск

Месяц Январь Год 1982

Элемент Лунный вектор

 $T = 60050^\circ$ $E_m 30^\circ \text{ на } T = 60070^\circ$

Время суток	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
1	94	88	85	83	83	84	84	88	85	84	91	100	93	100	106	108	103	100
D 2	91	91	88	100	94	96	91	88	104	102	102	101	107	112	111	106	105	102
3	102	102	96	90	90	88	88	90	100	100	103	103	106	106	112	102	100	100
D 4	78	70	66	81	79	84	87	94	100	97	102	106	108	112	108	109	105	108
5	73	69	72	75	84	85	88	91	94	102	100	102	107	108	106	105	112	87
6	94	96	91	82	84	79	79	88	96	100	96	106	103	106	112	116	105	100
7	94	95	90	83	81	84	93	100	102	104	102	102	106	106	108	106	108	101
8	92	99	96	93	93	95	94	96	100	100	94	100	102	105	106	106	106	101
Q 9	94	91	91	87	87	93	94	95	97	96	96	102	104	107	107	106	102	102
10	96	100	100	95	94	92	94	92	99	102	100	94	108	124	113	96	94	94
D 11	87	90	88	84	88	90	90	96	96	97	100	99	100	104	109	99	102	105
D 12	76	88	90	90	91	96	101	97	96	102	105	103	106	109	107	111	108	106
13	73	72	76	78	85	90	88	90	96	108	102	106	108	108	105	96	96	96
14	106	106	106	103	92	88	93	100	108	109	108	114	118	115	112	114	106	100
Q 15	94	93	92	87	87	89	92	94	106	106	102	106	114	109	106	102	106	106
Q 16	110	111	106	100	99	100	101	99	101	102	102	103	103	103	103	106	106	106
17	103	108	102	93	93	95	94	94	102	103	102	100	111	117	123	105	96	96
18	106	102	95	84	84	88	90	92	100	103	103	106	102	110	102	100	103	103
19	95	91	85	81	66	78	88	93	96	99	106	103	102	112	97	99	97	97
20	103	102	101	94	84	90	91	93	96	104	104	100	106	102	106	106	106	99
21	91	95	94	90	90	90	92	94	96	100	100	95	96	102	108	103	103	103
D 22	95	93	85	86	81	92	96	96	96	101	102	104	106	109	94	98	94	92
23	69	74	82	78	84	92	94	98	100	102	100	105	103	103	105	100	102	93
24	91	95	96	92	94	94	100	106	108	106	106	104	102	103	108	104	103	102
25	100	100	92	85	84	87	90	93	96	96	97	98	106	106	105	112	112	108
26	100	100	99	88	89	94	90	91	100	100	103	110	110	108	106	106	108	106
Q 27	99	93	85	82	81	84	89	94	98	100	99	101	100	101	104	103	102	102
Q 28	108	106	102	95	87	89	90	95	96	97	100	101	102	102	102	102	101	102
29																		
30																		
31																		

19	20	21	22	23	Средн суточи.	
94	62	72	70	76	84	88
102	102	99	99	97	101	100
100	93	97	97	84	81	97
99	87	82	78	70	72	91
90	96	94	96	85	88	92
84	76	76	81	78	84	92
99	96	92	94	90	87	97
94	91	84	94	98	94	97
102	100	98	99	96	94	98
97	92	90	94	91	90	98
106	106	99	82	89	70	94
106	111	82	72	86	73	96
70	72	68	63	72	91	88
94	81	78	82	81	86	100
103	103	103	104	104	106	101
104	102	102	102	103	105	103
97	99	91	96	97	100	101
103	96	90	90	93	89	97
99	92	94	95	96	102	94
99	95	97	88	88	89	98
102	102	100	96	88	91	97
91	91	72	80	66	68	91
84	89	88	91	84	85	92
102	105	102	105	100	96	102
105	96	102	102	101	102	99
101	100	100	88	80	90	99
100	100	100	100	100	102	97
100	97	94	95	99	102	99

Среднее по всем дням	93	94	91	88	87	90	91	94	99	101	101	103	105	107	107	104	103	101
Среднее по суткам	101	99	95	90	88	91	93	95	99	100	99	103	105	104	104	104	103	104
Среднее по декадам	85	83	81	86	85	90	90	93	98	101	102	103	106	109	105	102	100	101

197	94	91	90	88	90	96
102	100	99	100	100	102	100
94	92	84	80	75	80	93

Мамалеев

Бичкова

Ведомство СибУЗНИИР
Обсерватория Иркутск
Месяц Март Год 1982

Среднемесечн. $D = -2^{\circ}21.7'$

Элемент Солнце

$D = -2^{\circ}00.0'$

$\delta = 0.55/\text{мм } D = -2^{\circ}31.5'$

Время розове дня	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17			
D 1	18.4	17.4	17.1	18.0	20.5	22.6	24.6	25.0	25.7	25.2	24.6	23.4	22.2	24.4	21.5	17.5	17.6	
D 2	32.7	36.4	33.4	25.9	27.6	30.1	30.0	29.4	27.6	30.2	13.0	23.0	10.8	11.4	15.0	12.4	18.2	19.0
3	24.0	21.0	19.1	19.0	20.6	23.6	26.4	27.9	26.5	22.4	21.2	22.6	21.2	19.3	19.2	19.7	19.8	20.4
4	20.4	18.6	18.6	19.6	21.4	23.3	25.2	25.8	25.7	24.0	22.8	17.7	22.4	23.3	22.3	21.2	20.5	20.2
5	19.0	19.1	15.8	15.4	18.0	20.0	24.4	26.4	26.2	25.5	22.1	22.0	22.8	22.8	22.2	21.0	21.3	21.4
Q 6	19.6	16.9	15.2	16.6	20.2	23.4	24.6	25.7	25.2	23.8	23.0	22.4	22.4	22.4	22.0	22.1	21.8	21.3
Q 7	19.3	16.6	15.0	13.1	17.6	22.6	26.1	28.2	27.3	25.2	23.6	23.0	22.8	22.9	22.4	22.0	21.3	20.6
8	18.9	16.9	15.8	18.0	20.6	23.6	27.2	29.4	29.0	26.9	25.0	24.2	23.4	22.8	22.0	21.8	19.8	19.0
9	20.3	19.5	15.5	16.1	20.0	24.3	26.8	27.8	28.4	27.0	25.6	25.2	23.6	23.4	23.3	20.4	16.3	16.4
10	22.0	19.7	20.2	19.6	20.7	24.0	27.8	28.6	27.6	25.0	23.4	22.2	21.9	21.7	21.4	19.8	18.7	20.8
11	19.3	17.0	15.8	16.2	19.2	23.0	26.2	28.4	26.9	25.3	23.7	23.2	22.2	20.9	21.0	21.3	19.2	21.0
12	18.0	16.0	15.2	16.8	19.8	23.4	26.0	27.9	27.4	25.5	23.7	23.0	22.4	22.6	22.4	21.3	17.2	16.1
13	18.1	15.0	14.7	16.7	18.3	22.7	26.1	27.9	28.1	27.0	25.0	25.2	23.8	22.6	21.8	21.2	21.0	21.2
14	19.4	16.8	17.0	17.2	19.5	22.8	25.1	27.2	27.2	26.2	24.4	24.3	24.3	22.8	21.9	20.2	18.2	18.8
Q 15	18.6	16.9	16.3	17.9	20.8	24.3	26.8	28.2	28.0	25.8	23.5	22.8	22.2	22.0	21.8	21.6	21.2	20.6
Q 16	18.0	16.4	14.9	16.2	19.5	23.6	27.2	28.6	28.6	26.2	23.4	22.6	22.6	23.0	22.2	21.7	21.2	21.0
17	17.2	14.6	13.7	15.6	18.4	23.0	26.0	27.7	27.0	24.8	23.5	23.7	24.2	23.8	22.2	22.2	21.0	19.8
18	19.2	15.0	19.8	18.0	19.1	21.2	23.0	25.2	25.5	24.3	22.4	21.2	21.9	21.8	22.1	22.0	22.2	20.8
19	20.7	17.6	16.4	16.7	19.1	22.4	25.8	27.6	27.9	26.4	23.3	21.6	21.9	22.0	21.6	21.6	21.6	21.4
20	18.1	15.5	14.2	15.0	18.4	23.4	28.2	30.4	29.6	25.7	23.4	23.4	22.7	20.8	16.5	18.6	19.6	19.6
D 21	18.4	15.1	13.6	14.0	18.4	23.5	29.2	30.4	29.6	26.4	25.1	23.6	19.6	19.8	18.0	18.6	18.2	20.4
D 22	23.2	19.0	16.6	17.0	21.2	25.6	26.9	27.4	26.6	25.6	22.7	21.9	19.2	18.4	18.4	19.2	18.5	13.8
23	18.5	16.4	16.8	18.8	21.2	24.9	28.4	29.8	28.0	24.0	22.1	23.0	22.0	20.0	20.0	21.8	21.8	22.2
24	19.2	16.7	15.2	16.1	20.4	24.8	28.4	30.1	29.0	25.4	23.6	23.5	24.2	24.0	23.3	22.4	18.3	19.6
D 25	20.2	17.4	17.3	17.7	20.0	23.7	27.2	29.0	27.2	25.2	21.4	21.7	19.4	17.8	21.0	21.3	21.3	22.2
26	18.9	16.4	16.4	17.6	20.7	23.6	26.0	27.2	26.0	24.4	22.6	22.0	22.4	21.8	21.5	21.4	21.6	23.0
27	17.2	14.4	13.6	15.4	18.6	22.4	25.2	26.8	26.8	25.5	23.6	21.4	20.6	22.0	21.8	21.8	21.8	21.4
Q 28	17.8	15.8	15.7	15.4	20.6	24.0	25.8	27.8	27.8	26.8	24.6	23.4	22.4	22.0	21.2	21.9	21.8	22.0
29	18.1	15.5	15.4	15.0	18.5	23.0	26.6	27.8	26.4	25.8	24.0	23.4	23.0	22.6	22.2	22.2	21.8	21.4
30	18.6	17.9	16.9	17.9	22.0	26.8	28.7	30.8	30.1	28.3	25.2	22.3	17.5	19.6	20.8	21.4	20.2	18.5
31	20.6	19.2	19.2	17.9	20.6	25.5	28.2	30.6	29.4	26.4	25.4	23.6	21.2	20.5	20.2	21.2	19.8	14.9
Среднее по всем дням	19.7	17.6	16.8	17.1	20.0	23.7	26.6	28.1	27.5	25.7	23.3	22.8	21.7	21.5	21.1	20.7	20.1	19.4

среднее по
всему году
среднее по
всему году
22.6 21.1 19.6 18.5 21.5 25.1 27.6 28.2 27.3 26.5 21.4 22.7 18.2 18.4 18.8 17.3 18.7 18.6

19	20	21	22	23	Средн суточн.	
16.4	18.6	23.5	20.9	27.7	36.6	21.9
20.8	20.4	26.6	22.6	23.3	24.0	23.9
20.2	21.6	24.0	21.8	21.5	21.1	21.8
21.0	21.2	21.2	20.8	20.9	21.0	21.6
21.6	21.2	21.0	21.3	21.2	21.0	21.4
21.1	20.5	20.2	20.4	20.9	20.4	21.3
20.8	20.8	20.8	20.8	21.2	21.0	21.5
18.4	20.3	18.6	15.2	17.0	19.6	21.4
18.1	20.0	22.5	23.0	20.7	20.8	21.9
21.9	21.9	21.8	22.6	21.8	21.6	22.4
17.5	19.1	20.2	20.0	20.2	20.2	21.1
19.4	20.2	19.8	20.4	20.1	19.6	21.0
21.2	21.6	23.8	22.6	21.8	21.5	22.0
17.7	21.4	19.0	20.4	19.8	19.4	21.3
20.2	20.2	20.8	20.8	20.6	19.9	21.7
20.8	20.6	20.8	20.7	20.5	19.8	21.7
18.7	20.2	20.8	20.1	21.9	21.6	21.3
21.3	21.5	23.8	24.0	22.2	20.8	21.6
21.6	21.6	22.4	22.6	22.0	20.4	21.9
21.2	21.2	22.0	22.6	23.0	21.8	21.4
21.0	24.8	21.2	21.2	22.0	20.2	21.4
18.4	20.6	21.2	21.3	22.2	20.6	21.1
21.8	21.8	22.0	22.6	22.5	21.8	22.2
21.3	20.4	20.8	21.0	21.2	20.9	22.1
22.6	22.4	23.3	23.4	22.4	22.0	22.0
21.2	21.2	21.1	21.7	22.6	20.6	21.8
21.3	21.2	21.3	21.0	20.9	19.6	21.1
21.8	21.9	21.6	21.2	21.0	20.2	21.8
21.2	21.2	20.6	20.4	20.4	21.0	21.6
20.7	20.8	20.8	20.3	20.7	19.4	21.9
14.2	17.2	19.6	21.9	21.0	21.0	21.6
20.2	20.9	21.5	21.3	21.5	21.3	21.7

Талалаева

Танкова

Среднемесч. $H = 19504^d$

Нед. место СибУЗ.МЛП
 Обсерватория Чркутск
 Месяц март Год 1982

Элемент Горизонтальная составляющая $H = 19420^d$ $E_H = 3.2\% H = 19430^d$

Время наблюдения	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17			
D ₁	95	78	71	68	64	64	74	79	100	100	101	120	132	124	50	38	28	60
D ₂	-26	-30	-84	-99	-101	-106	-93	-91	-68	-54	-55	-82	-46	-63	-51	-11	-11	13
3	32	22	15	-4	-16	-7	12	32	40	42	49	58	58	71	77	56	69	71
4	78	69	56	48	49	54	74	88	98	87	89	61	76	82	76	87	95	79
5	86	76	53	42	42	30	42	62	71	70	61	72	78	81	87	95	95	92
Q ₆	87	81	68	52	48	58	76	88	98	98	95	95	95	98	96	95	95	98
Q ₇	95	83	66	36	45	58	74	93	103	108	106	108	109	109	109	111	109	110
8	94	82	69	52	48	53	65	77	89	95	96	100	104	106	106	101	93	85
9	77	81	66	53	45	45	56	79	102	100	92	90	88	87	81	81	71	67
10	74	64	53	44	34	32	46	55	62	76	85	82	88	90	88	92	98	99
11	96	87	72	50	40	37	48	63	81	92	93	96	93	88	95	94	96	90
12	85	75	56	53	56	66	82	92	100	102	101	101	102	108	112	108	96	84
13	98	82	50	63	68	66	73	81	89	92	85	81	79	86	84	88	92	96
14	96	90	77	61	52	63	76	88	100	106	103	93	87	96	96	98	90	86
Q ₁₅	98	90	71	63	60	69	73	84	97	101	101	100	102	103	102	101	98	91
Q ₁₆	104	96	79	62	58	61	77	96	101	106	106	103	106	106	108	105	104	106
17	119	106	86	72	72	84	90	104	116	121	121	124	113	117	117	131	141	146
18	124	112	104	95	98	98	98	114	109	100	98	95	97	96	103	112	117	108
19	104	92	68	50	48	48	62	71	87	103	100	90	100	101	100	102	105	106
20	102	90	77	64	56	61	64	86	104	89	96	99	104	92	93	81	95	94
D ₂₁	108	96	77	64	46	50	62	62	86	102	95	98	89	82	72	90	72	86
D ₂₂	85	69	72	42	28	28	33	53	45	61	67	76	77	81	80	75	84	104
23	94	85	72	62	54	56	72	85	88	86	79	87	93	83	92	96	98	103
24	114	101	81	62	58	67	85	111	121	121	114	109	119	125	125	121	122	135
D ₂₅	109	90	74	61	55	60	67	82	96	101	87	94	90	107	92	95	106	107
26	108	100	79	73	72	84	95	106	112	111	101	94	100	106	111	115	117	128
27	106	87	56	50	60	70	76	92	103	107	107	103	109	108	106	107	108	110
Q ₂₈	109	102	90	78	64	72	86	98	108	111	112	108	106	106	101	102	103	104
29	109	98	84	78	70	64	56	68	87	86	86	94	103	101	96	96	99	104
30	93	91	74	64	54	56	75	100	107	105	101	101	103	61	82	104	98	99
31	88	90	76	66	43	61	69	86	82	104	98	98	90	90	84	94	104	103
Среднее по всем дням	92	82	65	52	47	52	63	77	88	91	89	87	92	91	89	92	93	96
Среднее по 5-ти дням	99	90	75	58	55	64	77	92	101	105	104	103	104	104	103	103	102	102
Среднее по 5-ти дням	74	61	42	27	18	19	29	37	52	62	59	61	68	66	49	57	56	74

19	20	21	22	23	Средн. суточн.	
78	58	76	74	56	-22	74
20	26	48	45	29	32	-36
74	77	87	84	85	84	49
78	80	79	82	77	74	76
90	89	85	84	87	90	73
98	95	95	93	95	98	87
108	108	108	108	108	105	95
82	81	88	85	67	74	83
72	72	85	84	74	76	76
93	96	93	93	92	90	76
96	81	87	84	88	89	81
90	93	95	90	96	100	89
98	100	106	103	101	103	86
93	92	84	90	93	98	88
92	92	93	95	99	103	91
103	103	102	106	116	119	97
127	119	142	143	139	141	116
106	103	106	106	108	109	105
106	106	109	108	106	107	91
111	108	106	104	114	116	92
93	109	87	81	92	108	84
93	100	93	90	92	95	72
104	103	104	108	115	119	89
121	119	116	116	115	114	108
106	106	109	112	116	117	93
109	109	109	108	104	109	102
111	111	112	110	113	114	97
106	106	108	111	111	112	101
108	109	112	108	100	109	93
94	97	102	97	100	96	90
66	70	84	81	84	85	83
94	94	97	96	96	96	84
101	101	101	103	106	107	94
78	80	83	80	77	66	57

Былкова

Павлова

Ведомство СибУЗЛП
 Обсерватория Иркутск
 Месяц Март Год 1982

Среднемесечн. $Z = 56901^{\circ}$

Элемент Вертикальный состав воздуха

$Z = 56820^{\circ}$

$\epsilon_z = 2.5^{\circ}/mm Z = 56827$

Время роис- ши	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
D 1	86	87	85	81	80	78	80	81	83	82	81	82	80	82	87	80	93	100
D 2	42	48	58	73	90	104	119	129	135	135	177	150	140	123	118	101	101	92
3	94	91	90	86	84	83	86	91	99	103	102	100	97	96	90	91	93	91
4	91	92	90	84	82	80	77	79	83	85	90	91	90	88	88	89	87	86
5	88	89	89	86	86	86	83	83	88	91	91	90	88	89	88	87	85	85
Q 6	88	92	89	82	75	75	76	77	79	82	83	83	83	84	85	85	86	86
Q 7	91	95	94	91	77	72	68	67	75	80	82	81	81	82	82	82	82	82
8	88	88	87	86	85	85	80	77	78	82	84	84	84	86	86	86	87	87
9	88	91	90	82	79	76	78	82	88	92	90	88	87	89	92	93	90	88
10	88	90	85	77	72	72	75	83	82	93	92	87	87	87	87	87	84	83
11	84	88	85	80	72	67	69	71	77	84	85	84	83	84	85	84	83	83
12	86	85	83	80	79	80	77	77	80	83	85	82	82	83	83	83	85	84
13	87	88	87	85	75	67	67	72	81	84	87	85	87	87	89	87	87	86
14	82	83	82	77	73	76	77	75	79	82	85	85	85	87	86	86	85	86
Q 15	86	84	82	77	77	79	78	80	85	87	86	84	82	82	82	82	82	82
Q 16	85	82	77	72	67	66	69	78	83	86	85	82	81	81	81	81	81	81
17	84	85	82	77	67	63	67	75	79	81	80	79	80	85	87	86	83	84
18	81	85	85	80	72	67	65	69	75	80	82	82	81	82	82	81	76	75
19	83	83	80	72	68	62	62	68	74	80	82	82	82	80	80	80	80	80
20	81	82	77	69	65	62	67	72	80	82	82	82	81	81	82	82	81	80
D 21	82	82	82	73	67	63	63	73	80	85	85	89	86	85	90	81	82	83
D 22	82	84	81	75	72	67	71	75	79	87	95	91	91	91	91	90	88	83
23	87	86	79	68	61	58	60	64	75	84	86	84	82	83	83	82	81	81
24	85	82	77	74	68	60	62	69	76	80	80	77	78	78	78	78	80	75
D 25	85	87	90	85	75	71	69	72	75	82	85	85	84	82	81	82	80	77
26	80	78	77	77	73	71	69	71	77	80	81	81	81	80	79	78	77	72
27	82	80	77	74	68	65	62	63	71	76	79	78	78	78	79	79	79	79
Q 28	82	81	79	74	69	65	62	62	65	71	76	77	76	76	76	77	77	77
29	82	84	82	73	59	50	51	61	77	80	82	83	82	80	79	79	80	81
30	74	76	75	73	67	62	59	62	72	78	82	83	85	86	89	87	85	81
31	80	79	78	77	74	75	77	76	79	82	85	87	87	87	88	87	85	82
Среднее по всем дням	83	84	82	78	73	71	72	75	81	86	88	86	86	85	86	84	84	83
Среднее по всех дням	86	87	84	79	73	71	71	73	77	81	82	81	81	81	81	81	82	82
Среднее по всех дням	75	78	79	77	77	77	80	86	90	98	105	99	96	93	93	87	89	87

19	20	21	22	23	Средн суточн.	
96	93	92	85	65	32	12
87	92	84	83	86	90	103
90	90	87	86	87	90	92
87	87	86	86	83	83	86
85	84	83	85	84	84	86
86	85	85	84	85	86	83
82	82	82	81	81	81	81
88	88	88	84	85	85	85
88	87	84	78	77	83	86
83	83	83	83	82	80	84
82	82	80	80	80	82	81
85	82	80	80	80	82	82
84	83	82	80	80	80	82
80	78	77	80	80	82	81
82	82	82	82	82	82	82
80	80	80	80	80	80	79
81	80	80	78	78	77	79
78	79	79	77	77	80	78
79	79	79	79	79	79	77
80	75	77	77	78	77	77
82	72	67	75	81	83	79
81	80	80	81	83	84	83
80	80	79	79	79	82	78
71	72	74	74	75	77	75
76	76	76	75	77	77	79
72	75	77	76	75	78	76
78	77	78	78	79	80	76
77	77	77	77	77	78	74
80	80	78	77	75	72	75
82	82	82	80	79	80	78
73	78	75	75	78	80	80
82	81	80	80	80	80	81
81	81	81	81	81	81	80
84	83	80	80	78	73	85

Тамараевская

Юнцова

Ведомство СибИЗМир
Обсерватория Иркутск
Месяц Март Год 1982

Среднемесечн. $T = 60148^\circ$

Элемент Полный вектор

$T = 60050^\circ$

$ET = 30 \frac{1}{4} T = 60070^\circ$

Время роис дня	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Средн суточн.			
D 1	106	103	100	94	90	92	93	93	102	103	102	110	109	108	98	89	100	115	113	106	109	103	102	22	98
D 2	30	32	34	47	60	73	94	105	117	140	160	130	130	108	106	98	100	94	88	94	90	91	91	94	92
3	100	94	90	82	79	79	85	94	106	110	111	111	109	112	106	102	109	106	106	107	106	104	106	107	101
4	109	108	103	94	94	91	92	98	106	103	109	106	106	105	106	108	108	102	104	103	103	103	100	100	102
5	108	106	102	94	94	91	91	94	103	103	103	106	106	106	107	109	106	106	106	103	103	103	103	103	102
Q 6	109	110	106	91	85	87	91	94	100	103	103	103	103	106	106	106	106	106	106	106	104	103	105	109	102
Q 7	115	115	109	100	85	84	84	88	95	103	105	105	106	106	106	108	108	108	106	106	106	105	105	106	103
8	109	106	102	95	94	93	92	91	93	102	103	104	105	108	108	108	107	106	107	106	108	103	94	102	102
9	105	109	103	93	87	53	88	99	109	112	109	106	106	109	109	108	106	103	105	103	103	94	91	100	100
10	103	103	94	84	76	76	82	94	105	112	108	106	106	106	106	106	106	105	103	103	103	103	100	98	100
11	106	105	99	87	75	73	75	82	93	102	102	105	103	103	104	102	102	103	103	98	98	98	98	100	96
12	104	100	94	91	90	93	94	94	100	106	106	104	102	106	106	105	106	103	102	103	100	98	100	103	100
13	108	106	98	99	88	79	82	88	100	103	103	103	103	105	106	106	106	106	106	106	106	103	102	100	100
14	103	103	98	90	83	88	91	93	100	106	105	105	103	107	105	107	102	106	100	100	94	100	102	102	100
Q 15	107	105	95	89	88	91	91	96	106	109	107	105	102	102	102	103	103	100	100	100	100	100	101	102	100
Q 16	107	103	94	85	79	78	85	98	104	108	108	104	104	104	104	103	103	104	103	103	100	102	104	105	100
17	112	109	102	90	82	79	86	96	103	108	106	105	105	110	113	114	114	114	108	106	112	109	109	109	104
18	109	108	108	100	92	88	85	93	99	100	102	103	102	101	102	106	100	99	100	100	100	100	100	102	100
19	105	102	94	82	76	70	73	81	92	101	103	100	103	101	100	102	102	102	102	101	101	101	100	100	96
20	103	102	94	84	72	72	79	88	100	100	103	103	103	100	102	98	99	99	103	95	99	99	102	100	96
D 21	106	103	100	88	76	72	73	84	96	106	105	108	106	103	102	100	97	100	100	93	84	90	100	105	96
D 22	100	98	95	80	76	70	75	83	84	100	109	107	105	109	109	106	106	107	100	100	100	100	103	106	97
23	109	106	94	79	70	67	71	78	94	101	103	102	103	100	102	102	102	103	103	103	100	100	102	108	96
24	108	106	94	87	79	73	79	91	102	106	104	100	103	106	104	105	106	103	99	95	99	98	100	102	98
D 25	107	105	106	97	84	82	82	88	94	103	103	105	103	106	100	101	101	100	101	101	100	99	99	100	99
26	103	100	94	92	88	87	88	93	99	103	102	100	101	103	103	103	101	100	95	98	99	99	94	100	98
27	104	95	88	82	80	77	75	81	90	96	101	100	101	100	100	100	100	100	101	101	100	100	100	101	95
Q 28	104	103	100	88	80	79	79	80	86	94	100	100	97	97	96	100	100	100	100	100	99	100	100	103	95
29	105	105	100	88	70	61	58	73	94	95	100	103	103	100	98	98	100	102	102	102	102	100	94	94	94
30	91	92	88	82	72	69	71	79	91	95	100	102	105	95	104	104	105	100	100	99	100	99	95	96	93
31	98	95	93	88	80	85	87	91	93	103	102	105	106	106	106	105	105	105	85	91	91	90	94	94	96
Среднее по всем дням	103	101	96	88	81	79	83	90	99	104	106	105	105	104	104	104	104	103	102	101	101	100	100	99	98
Среднее по сп. дням	108	107	101	91	83	84	86	91	98	103	105	103	102	103	103	104	104	104	103	103	102	102	103	105	100
Среднее по воздуш. дням	90	88	87	81	77	78	83	91	99	110	116	112	111	107	103	99	101	103	100	99	97	97	99	86	96

Полкова

Плохоевская

Ведомство СибУЗМП
Обсерватория Чукотск
Месяц Апрель Год 1982

Среднемесечн. $-2^{\circ}22.0'$

Элемент Склонение

D $-2^{\circ}00.0'$

$ED\ 0.53/\mu D = -2^{\circ}31.4'$

Время роис чис	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	19	20	21	22	23	Средн суточн.
1	17.3	15.6	15.8	16.9	19.4	23.1	25.8	28.6	28.1	27.4	25.3	23.4	23.7	23.2	22.4	21.4	21.0	21.1	21.0	21.2	22.8
2	22.9	23.0	22.6	18.8	23.2	24.6	27.6	30.0	30.6	29.1	25.8	24.8	22.6	21.0	17.4	14.6	16.0	15.5	15.8	13.2	21.2
3	19.0	19.8	21.0	20.4	23.7	25.4	29.0	30.1	31.6	30.0	27.4	23.3	22.0	16.8	16.9	16.8	17.5	17.7	15.4	15.2	21.6
4	18.8	19.2	21.0	23.7	25.8	28.6	31.2	31.2	31.0	28.2	26.2	24.4	22.8	21.2	21.6	20.4	20.8	20.0	16.8	16.7	22.8
5	20.6	17.7	19.2	20.7	22.6	27.2	28.8	30.4	30.8	28.8	22.0	22.8	23.0	22.0	21.6	21.6	21.6	22.0	24.0	22.0	23.1
6	15.8	14.0	15.5	18.6	22.8	26.8	30.0	30.2	30.2	28.2	26.4	21.4	21.2	21.0	19.4	20.1	18.8	21.2	19.0	19.2	21.6
7	17.6	16.0	14.6	16.2	20.0	23.6	26.4	28.0	28.4	26.0	24.2	23.0	22.6	22.6	22.8	22.2	21.2	20.7	20.0	20.2	21.4
8	15.0	13.6	14.2	16.6	19.8	24.8	28.5	30.6	29.0	25.6	24.0	23.4	22.4	21.4	18.2	20.8	21.6	21.6	20.6	21.1	21.5
9	16.8	14.8	15.3	19.0	22.2	25.4	27.8	29.4	29.0	26.8	24.8	23.7	23.2	22.6	21.6	21.6	20.8	19.8	19.7	18.0	21.4
10	15.9	15.2	15.8	18.0	22.0	24.7	27.4	30.1	30.7	30.5	28.8	26.6	30.4	13.6	18.0	18.3	14.8	13.4	13.6	7.4	19.7
11	19.7	22.6	24.4	25.8	26.4	28.5	31.2	30.0	29.8	25.6	24.0	22.4	20.4	21.3	18.5	16.8	21.4	21.1	20.4	17.4	23.1
12	16.2	15.5	16.0	18.4	22.9	27.2	30.8	32.2	30.6	27.6	23.8	22.4	20.3	21.2	19.0	21.4	22.6	22.2	22.0	23.6	22.5
13	17.9	16.3	15.8	17.9	21.6	24.6	28.0	29.5	29.5	26.8	24.8	23.8	22.4	22.4	22.4	22.4	22.4	21.8	21.4	21.4	22.2
14	17.2	15.6	16.0	18.0	22.0	26.2	29.0	29.9	28.2	25.8	23.8	23.2	23.2	23.2	22.8	22.4	20.4	21.0	21.6	21.6	22.1
15	14.3	13.4	13.5	15.6	19.3	23.1	27.2	27.9	26.7	24.1	24.6	22.9	20.9	20.0	20.3	21.4	20.9	21.2	20.3	20.4	20.7
16	17.2	15.8	16.8	19.4	22.1	27.0	29.4	30.6	29.2	28.0	25.6	23.8	23.2	23.1	22.6	22.4	22.2	22.7	21.2	20.6	22.4
17	15.8	15.5	17.4	20.6	22.6	25.8	28.6	28.6	28.0	25.8	24.0	20.4	20.0	21.2	19.0	22.0	22.1	22.6	22.6	22.2	22.1
18	18.4	18.1	19.4	21.6	23.8	26.7	29.0	29.8	28.0	26.5	24.6	23.2	21.4	19.2	20.6	21.2	20.6	21.1	21.7	21.4	22.5
19	17.0	16.5	16.3	18.0	21.2	25.5	29.4	30.7	29.2	26.4	24.4	22.9	22.2	22.0	21.2	19.1	20.0	20.0	20.2	21.0	22.1
20	18.8	18.8	18.8	19.0	23.8	26.2	28.9	27.6	27.0	25.9	24.4	23.0	21.4	21.6	22.2	22.0	22.0	21.6	21.6	21.3	22.2
21	23.4	18.4	18.5	19.8	23.7	25.8	27.4	25.6	26.7	26.3	22.7	21.6	21.0	21.8	20.7	22.3	21.4	21.4	19.2	21.2	22.2
22	21.9	21.0	21.0	21.6	22.7	23.8	26.4	27.4	26.9	25.8	24.2	22.6	22.6	22.6	22.6	22.0	21.0	21.0	21.0	20.8	22.3
23	15.4	15.2	16.0	18.2	21.2	25.0	28.0	29.0	28.0	26.6	23.1	20.2	21.6	22.7	23.7	23.2	22.2	21.0	20.6	21.4	21.7
24	15.5	15.2	17.4	19.4	23.4	26.6	28.6	28.6	27.0	25.4	23.7	22.6	22.8	23.2	22.1	21.0	21.0	21.0	21.6	21.8	21.6
25	13.6	12.4	14.2	23.2	26.9	30.0	31.2	31.0	27.9	27.2	26.4	18.0	24.2	23.0	24.2	23.0	23.2	23.2	22.2	22.6	23.0
26	18.1	17.8	18.6	21.0	23.2	25.8	27.6	27.2	25.8	24.8	23.1	22.2	21.6	22.0	22.0	22.4	22.2	22.2	23.4	22.4	22.4
27	16.4	16.3	18.1	20.8	24.0	27.2	28.7	28.1	26.0	24.3	22.8	22.2	21.2	22.0	23.0	21.6	18.1	18.4	20.3	16.2	21.4
28	14.6	15.8	21.6	23.8	26.2	29.8	31.6	32.0	30.4	28.6	26.3	24.6	22.4	20.8	19.6	21.4	22.1	19.5	20.2	18.9	22.5
29	15.5	16.0	16.8	19.5	23.2	26.6	29.4	31.4	29.6	28.0	24.2	22.2	21.6	22.7	22.2	21.0	21.1	23.4	20.0	16.4	21.5
30	18.8	16.9	16.6	18.9	20.6	25.8	29.2	28.2	27.2	27.4	25.0	21.2	22.1	21.2	19.0	20.0	18.2	20.6	21.0	20.6	21.7
31																					
Среднее по всем дням	17.5	16.7	17.6	19.6	22.7	26.1	28.7	29.5	28.7	26.9	24.7	22.7	22.3	21.4	20.9	20.9	20.6	20.7	20.3	19.6	22.0
Среднее по всех дн.	17.1	16.2	16.3	18.3	21.5	25.2	28.1	29.0	27.9	25.9	23.7	22.3	22.2	22.5	22.4	21.9	21.2	21.0	21.2	21.3	21.9
Среднее по всех дн.	18.2	18.6	19.6	21.2	24.4	26.6	29.3	30.2	30.1	28.5	26.5	23.0	23.9	19.1	19.0	17.9	18.6	18.2	17.5	15.2	21.7

Биткова

Талалаевская

Водостро

Среднемесячн. $H = 19502^{\circ}$

Элемент горизонтальная составляющая

Обсерватория *Црютск*

Месяц Апрель Год 1982

H = 194208

$$C_H = 3.2^\circ/\text{mm} \quad H = 19433^\circ$$

Время ровно Час	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
1	80	70	54	46	45	50	66	81	100	107	87	97	96	114	110	110	114	110
2	72	26	27	10	14	17	37	34	54	72	84	84	84	58	32	30	70	72
3	44	30	24	6	-15	-10	2	36	69	59	50	43	33	54	34	26	27	52
4	43	14	10	14	20	22	42	53	72	64	76	81	86	78	72	78	86	82
5	64	48	41	20	16	38	66	75	63	74	67	72	80	84	86	90	90	101
6	85	67	55	48	38	46	60	80	104	88	86	82	86	82	70	78	93	90
7	80	72	58	52	50	56	72	91	104	101	106	103	103	104	104	104	104	106
8	100	92	81	76	78	80	89	94	98	98	98	90	101	108	110	94	103	104
9	85	74	59	66	68	75	90	99	108	106	106	106	107	110	112	108	106	97
10	98	87	80	80	76	76	80	89	88	78	78	70	21	35	0	-2	18	-15
11	-1	2	-3	8	10	-9	-9	13	44	22	42	55	46	56	45	42	75	78
12	73	60	40	28	16	27	44	77	82	88	72	65	49	68	88	88	88	88
13	84	76	48	11	42	53	67	80	90	98	100	97	96	101	101	100	101	104
14	93	78	65	51	60	72	96	108	109	114	112	110	108	114	114	114	120	120
15	110	98	87	76	77	89	102	110	114	104	98	104	104	97	98	108	110	116
16	106	94	77	71	75	80	101	110	117	120	115	112	113	113	110	114	114	141
17	128	118	88	72	80	97	111	105	80	53	54	46	36	44	72	72	88	86
18	80	72	66	66	76	90	103	110	101	100	98	93	92	95	86	90	98	106
19	93	82	66	60	62	74	91	114	114	111	110	106	104	107	104	105	98	94
20	103	92	80	66	46	78	96	101	81	94	100	100	85	85	99	104	110	110
21	100	88	78	76	72	90	102	100	108	114	104	76	73	90	92	97	104	93
22	72	56	52	48	52	74	78	97	110	114	112	108	104	105	106	107	114	112
23	96	88	77	72	80	88	100	104	106	108	106	104	109	113	114	116	116	120
24	100	84	72	74	82	92	104	114	116	119	120	114	110	112	117	110	110	110
25	130	84	32	28	60	76	100	118	96	41	50	24	45	32	56	62	66	76
26	70	61	56	54	56	65	72	82	86	72	64	75	85	84	85	86	87	88
27	75	67	56	56	64	74	60	74	94	103	98	94	92	102	104	109	106	78
28	94	38	16	26	24	60	97	96	96	100	88	87	90	93	100	100	104	112
29	74	67	66	56	45	67	72	90	92	98	110	108	92	94	111	104	101	120
30	52	30	40	36	20	12	34	60	86	86	70	65	70	81	96	88	100	86
31																		

Среднее по всем дням	83	67	55	48	50	60	74	86	93	90	89	86	83	87	88	88	94	95
среднее по стое. дн.	86	76	64	58	62	71	86	100	104	101	100	100	102	104	104	105	105	106
среднее по возм. дн.	69	46	32	26	29	30	42	58	70	54	61	55	46	47	33	32	51	53

19	20	21	22	23	Средн суточн.	
114	114	114	124	104	97	92
53	50	56	46	58	63	50
55	47	55	72	55	58	38
90	70	76	88	72	67	61
110	97	86	90	98	89	73
84	84	92	84	88	84	77
98	96	100	104	107	106	91
98	101	97	95	98	98	95
96	94	84	88	94	98	93
-16	-12	0	10	-4	0	12
82	74	60	78	82	81	41
94	100	94	97	98	92	72
102	104	105	96	94	98	85
117	116	116	112	114	114	102
114	110	108	109	116	114	103
120	116	120	123	124	130	109
88	85	88	89	90	87	82
98	96	106	88	96	97	92
108	104	107	108	106	107	97
110	108	109	109	114	104	95
108	90	97	102	100	78	93
107	109	107	106	108	106	94
117	114	110	110	110	110	104
112	112	142	146	146	142	111
70	80	79	82	82	80	69
90	84	81	84	84	86	77
108	108	110	96	91	110	89
104	92	84	88	85	76	81
106	88	66	64	74	47	84
86	88	81	69	75	68	66

94	91	91	92	92	90	82
106	103	103	104	104	105	94
49	48	50	58	55	56	48

Галамеевская

Танкѣва

Ведомство СибУЗММР
Обсерватория Иркутск
Месяц Апрель Год 1982

Среднемесч. $\bar{Z} = 56895^{\circ}$

Элемент Вертикальная составляющая

$Z = 56810^{\circ}$

$E_2 = 2.5\% \text{ из } Z = 56819^{\circ}$

Время роис дня	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Средн суточн		
1	84	79	78	75	73	73	72	74	78	83	86	85	83	84	84	85	83	82	82	81	81	73	73	75	79
2	73	78	83	84	84	83	82	86	91	95	97	93	92	95	100	103	86	88	76	81	76	77	77	82	86
3	84	86	84	76	71	75	78	81	85	95	102	110	112	111	105	105	105	96	88	85	81	77	84	85	90
4	81	75	72	73	74	79	86	89	96	98	101	98	97	95	95	95	94	92	86	84	84	78	81	85	87
5	86	86	84	77	73	79	80	83	89	94	97	95	93	91	89	89	88	87	83	80	82	83	80	83	85
6	85	80	78	75	73	72	75	85	91	97	103	101	97	97	97	96	94	88	85	86	86	86	89	94	88
7	93	91	84	78	73	68	68	72	79	85	87	87	87	87	87	87	88	87	85	85	85	86	87	89	84
8	89	88	83	74	70	65	68	75	83	88	88	87	90	89	86	85	87	87	86	86	83	81	83	84	83
9	88	88	80	72	64	59	55	60	73	80	85	85	85	86	85	86	87	88	87	86	84	86	85	88	80
10	89	87	81	72	67	62	63	67	75	85	100	103	118	132	106	113	98	108	102	92	89	84	67	80	89
11	81	78	77	77	74	70	81	96	105	114	114	112	108	105	105	106	101	100	96	85	90	93	95	97	94
12	96	91	83	77	76	78	78	81	87	97	104	107	108	105	99	95	96	95	94	91	89	91	93	95	92
13	98	97	90	85	85	75	77	82	85	87	92	91	92	91	91	90	90	90	90	90	89	88	88	90	88
14	91	91	86	74	64	59	55	61	67	78	84	84	85	86	85	87	87	86	86	86	86	86	88	89	80
15	85	84	81	77	71	66	67	69	74	82	87	87	86	87	87	88	87	86	85	84	84	83	84	84	81
16	85	83	83	80	73	64	60	65	74	82	85	85	85	84	84	84	85	86	85	82	84	85	85	85	81
17	84	80	77	77	76	71	71	76	85	99	112	110	109	106	100	98	97	95	94	94	91	92	91	91	91
18	89	85	82	82	77	71	71	78	81	85	90	89	90	92	92	92	90	86	85	85	82	82	81	84	84
19	84	85	85	85	80	72	76	82	85	88	90	88	86	86	86	87	86	87	87	86	87	87	86	85	83
20	82	82	82	78	82	81	78	84	92	96	90	92	90	91	91	90	90	88	87	85	85	86	87	87	86
21	85	83	80	75	71	69	67	75	81	84	89	95	96	96	93	91	88	85	85	79	84	88	90	87	84
22	85	83	77	72	75	74	70	74	80	87	91	90	87	86	86	86	86	84	85	85	85	87	88	87	83
23	85	80	80	78	76	76	68	73	83	88	95	94	89	87	85	85	85	85	83	84	85	85	86	86	83
24	85	84	80	80	78	71	70	72	78	84	86	85	83	83	83	84	84	85	84	84	85	82	80	80	81
25	78	75	75	76	78	67	65	65	83	116	122	123	120	110	106	101	97	93	91	91	91	95	95	95	92
26	93	91	87	84	80	73	74	78	87	96	100	97	95	92	92	91	91	90	89	88	89	91	93	94	89
27	93	88	83	78	75	69	71	78	82	88	90	88	88	88	88	89	83	85	82	84	85	88	88	84	84
28	82	75	77	78	74	72	72	77	82	88	95	97	99	97	92	91	91	88	87	86	88	91	90	90	86
29	88	89	83	74	70	73	76	85	88	90	97	96	98	98	95	68	68	92	98	70	70	68	70	73	82
30	76	75	76	70	68	64	70	79	84	84	91	101	98	97	93	90	88	85	86	86	85	84	86	85	83
31																									
Среднее по всем дням	86	84	81	77	74	71	71	77	83	90	95	95	95	94	92	91	89	89	87	85	85	85	85	86	85
Среднее по блск. дням	89	88	84	80	75	70	68	73	80	87	91	90	88	88	87	87	87	87	86	86	86	87	88	89	84
Среднее по блск. 94.27	81	81	80	77	75	71	74	79	88	101	107	108	110	111	104	106	97	97	91	87	85	85	84	88	90

Омичапенва

Тамараевская

Ведомство СибИЗМИР

Среднемесяч.

 $T = 60145^{\circ}$ Элемент Болный ВекторОбсерватория ЦркутскМесяц Апрель Год 1982 $T = 60050^{\circ}$ $E_T = 2.94 \text{ мТ} = 60070^{\circ}$

Время роис чис																		19	20	21	22	23	Средн суточн.		
3	4	5	6	7	8	9	10	11	12	13	14	15	16	17											
1	94	87	82	77	74	74	77	82	91	97	96	99	97	104	100	102	100	99	100	101	97	92	89	88	92
2	79	75	79	77	77	76	77	83	93	102	106	103	103	99	99	102	95	94	80	84	80	79	82	88	88
3	85	85	80	68	59	62	68	79	91	97	104	112	111	116	103	102	103	101	91	88	85	83	87	88	90
4	82	70	66	65	68	74	84	91	102	103	108	108	108	106	104	102	106	102	100	91	92	88	88	90	92
5	92	86	84	66	62	72	84	92	92	102	104	103	103	102	100	99	99	104	99	91	92	95	94	95	92
6	96	86	82	77	71	73	77	92	105	106	110	111	108	106	103	105	106	100	96	98	97	97	100	104	96
7	102	106	88	79	76	71	74	82	92	97	102	102	101	102	102	103	102	102	99	99	100	100	103	105	95
8	105	100	91	82	77	74	78	86	96	102	100	99	105	106	103	97	100	102	100	99	94	97	99	102	92
9	99	94	85	77	69	65	65	73	87	94	99	100	100	102	102	102	102	100	88	82	82	77	56	70	88
10	103	98	90	80	74	68	70	77	82	91	106	108	111	124	97	104	92	94	106	92	94	100	103	106	93
11	71	68	65	68	65	56	68	88	105	108	112	114	109	108	106	106	108	108	106	92	94	100	103	106	98
12	103	96	83	74	70	73	77	88	94	106	111	111	111	111	109	106	106	106	103	103	103	103	106	106	94
13	108	106	91	77	85	77	82	88	96	100	105	103	104	104	103	103	104	104	103	103	103	103	106	106	96
14	103	100	91	76	68	65	65	75	82	94	100	100	100	103	103	104	106	104	104	102	102	100	104	104	97
15	104	99	92	84	79	76	79	83	92	98	101	103	103	101	102	104	105	105	100	100	102	106	106	106	96
16	105	99	87	83	83	82	86	90	94	102	114	112	108	106	106	103	106	105	104	103	102	103	103	100	99
17	97	92	88	87	85	82	83	91	92	97	103	101	102	103	103	103	103	100	103	100	103	103	103	103	98
18	97	94	91	88	83	79	86	97	100	103	106	103	100	102	102	102	99	99	103	100	103	103	102	100	98
19	94	91	89	82	82	88	88	96	100	107	104	105	100	102	105	105	106	104	103	100	102	102	105	102	98
20	99	94	88	83	77	79	79	88	96	99	103	103	103	106	105	103	103	96	100	91	97	103	103	94	96
21	91	88	79	72	77	79	77	85	94	103	106	106	102	100	102	102	103	100	100	101	100	102	104	103	95
22	99	92	86	82	85	85	82	87	97	105	109	108	105	103	103	103	103	103	100	100	100	100	103	103	98
23	99	94	88	87	85	82	82	88	94	101	104	102	99	99	100	100	100	100	100	100	110	106	106	103	97
24	100	85	74	73	79	75	77	82	94	87	130	129	120	108	108	106	103	100	97	99	100	105	105	105	98
25	99	96	90	86	82	77	79	85	97	102	105	105	105	102	102	100	102	101	100	97	97	100	102	106	97
26	101	94	86	82	79	76	74	83	94	101	103	100	99	103	102	104	99	94	97	100	101	100	99	100	95
27	94	74	70	74	68	76	83	88	92	102	106	107	108	108	106	103	106	105	100	97	98	102	100	97	94
28	97	94	88	77	70	77	82	95	99	108	111	111	108	110	110	108	108	111	92	79	76	74	77	77	93
29	79	71	76	68	62	56	66	82	92	94	97	106	104	106	106	100	103	96	97	99	94	91	94	91	89
30																									
31																									
Среднее по всем дням	96	90	84	78	75	74	77	86	94	100	106	106	105	105	103	103	103	102	99	97	97	96	97	98	95
среднее по сн. 1/2 дн.	100	98	89	82	79	75	77	85	94	100	104	104	102	102	102	102	102	102	101	100	101	101	103	104	96
среднее по 1/2 дн.	88	82	78	73	71	67	72	82	93	97	112	113	111	111	103	104	100	99	92	89	88	89	87	91	91

МихаленоваБалалаевская

Среднемесчн. $D = -2^{\circ}22.0'$ Ведомство СибИЗМИРЭлемент СклонениеОбсерватория ИркутскМесяц Май Год 1982 D $-2^{\circ}00.0'$ $E_D = 0.53/\mu D = -2^{\circ}31.4'$

Время рождения дня	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Средн. суточн.	
1	19.4	16.4	15.8	18.0	21.8	27.5	33.0	35.4	32.2	29.8	28.0	24.4	22.8	22.2	21.4	21.8	21.2	18.8	19.4	21.2	21.2	20.7	19.0	17.8	22.9
2	16.5	15.2	18.4	22.4	26.0	28.2	29.8	31.4	31.0	28.0	26.7	24.8	23.3	15.9	20.1	19.3	19.2	19.8	20.6	17.6	15.8	17.2	17.4	18.6	21.8
D 3	16.4	15.5	16.6	20.6	24.4	29.0	31.5	30.4	30.2	25.4	23.8	22.0	21.0	21.0	21.1	22.0	25.4	17.7	18.9	17.2	20.8	19.6	18.0	24.4	22.2
4	19.2	17.5	18.5	20.4	23.4	26.4	28.0	26.0	24.5	24.0	23.6	22.4	23.2	22.2	21.3	18.7	18.4	20.1	21.0	21.1	20.6	19.6	17.6	15.4	21.4
5	14.6	15.6	18.0	20.6	23.8	27.0	27.9	28.9	26.6	26.1	25.4	23.4	22.6	22.4	22.0	21.0	21.3	21.2	20.6	20.6	20.5	18.6	17.3	15.8	21.7
6	15.3	15.8	17.8	21.3	23.3	25.0	26.6	26.4	25.0	24.8	23.8	23.2	22.2	22.6	22.4	21.8	21.6	21.6	21.2	21.0	21.0	19.6	18.6	18.0	21.7
Q 7	16.9	17.8	19.4	22.2	25.8	27.4	29.6	30.2	29.2	27.0	24.8	23.8	21.8	22.2	22.6	22.6	22.2	21.6	21.2	20.6	19.6	18.4	16.2	15.4	22.4
Q 8	15.6	16.0	18.4	21.6	24.6	26.8	28.4	28.7	27.4	25.9	24.0	23.4	23.6	23.8	23.6	22.8	22.4	21.6	21.2	20.6	19.7	18.9	17.0	15.0	22.1
9	13.2	13.4	15.9	19.2	23.2	25.4	25.8	26.4	26.6	25.4	23.6	22.4	22.6	22.2	22.2	22.0	20.6	21.4	21.6	21.4	20.3	19.5	17.4	15.7	21.1
10	14.2	13.8	15.5	18.0	23.0	26.9	29.2	29.4	27.9	25.9	24.0	21.5	21.0	22.1	22.6	22.6	22.6	21.6	21.3	21.2	21.2	19.6	18.5	16.6	21.7
11	16.6	16.2	17.8	20.2	23.6	26.8	29.0	29.4	28.1	26.1	23.8	21.8	21.6	22.2	22.2	21.4	22.2	22.2	22.0	22.0	22.2	21.1	19.1	17.9	22.3
12	16.6	15.6	16.6	19.5	22.2	26.4	30.0	30.7	29.6	27.0	24.5	22.7	22.4	22.6	23.1	22.2	22.2	21.6	21.3	20.9	20.5	19.8	18.5	17.0	22.2
13	15.8	15.6	16.4	19.2	23.4	26.9	29.6	31.0	30.0	27.9	24.9	23.4	22.6	22.4	22.6	22.6	22.2	22.2	22.0	22.0	22.2	19.4	17.4	16.3	22.4
14	15.8	16.3	18.0	20.7	24.5	27.0	29.6	29.2	27.4	24.8	23.8	22.1	21.6	23.1	23.4	22.7	23.2	22.4	22.1	22.2	21.3	20.0	18.9	18.5	22.4
15	16.8	15.5	18.6	20.6	23.4	25.7	27.6	28.2	27.9	25.4	22.0	21.8	21.0	20.0	21.3	20.8	22.8	22.4	22.2	21.3	21.6	19.7	18.2	15.7	21.7
16	14.5	14.8	18.6	22.4	25.9	29.4	30.8	31.2	29.1	26.4	25.4	24.3	23.2	23.2	23.4	22.4	22.7	21.6	19.8	20.6	21.0	19.8	17.8	16.6	22.7
17	15.2	14.8	15.2	19.6	24.4	29.0	32.2	31.6	29.0	25.8	22.4	22.8	22.2	22.6	21.6	21.2	22.6	23.1	21.6	22.0	22.0	21.0	17.4	15.6	22.3
18	14.2	16.4	17.7	21.2	23.3	27.1	29.2	29.2	28.3	25.4	22.6	21.2	21.6	22.6	23.5	23.0	22.6	22.6	22.6	22.0	20.8	19.4	21.3	18.9	22.4
19	17.9	17.0	18.7	22.1	25.3	28.0	29.8	29.8	29.5	26.8	24.3	22.6	21.4	21.3	22.2	21.6	21.5	20.8	21.0	21.4	21.0	20.4	19.6	17.2	22.6
20	16.8	17.3	18.0	21.0	23.3	26.3	28.3	27.9	26.0	23.2	22.8	22.2	21.8	22.2	22.6	22.2	22.4	21.8	21.4	21.0	20.4	19.2	16.8	14.4	21.6
21	13.8	14.6	16.8	19.4	21.6	24.8	26.9	27.4	27.6	27.2	25.0	21.9	21.1	22.0	21.4	22.1	22.3	22.0	21.7	21.4	20.8	19.2	16.9	15.2	21.4
Q 22	14.6	16.0	18.6	22.2	25.6	27.9	28.6	28.4	26.4	24.2	23.2	22.0	22.2	22.4	22.8	22.7	22.7	22.4	22.1	22.1	21.2	19.7	17.8	15.8	22.2
Q 23	15.0	16.4	19.2	24.8	27.4	29.2	29.2	27.7	25.9	24.5	22.8	22.2	22.8	22.8	23.2	22.7	22.2	21.6	21.4	21.2	21.0	19.6	17.4	14.7	22.3
Q 24	14.3	15.4	17.2	20.5	23.8	26.4	27.4	27.6	26.5	25.4	23.4	21.6	20.8	20.8	22.6	23.1	23.2	22.8	22.2	21.7	21.4	19.5	17.0	15.4	21.7
25	14.8	15.4	17.1	21.0	24.8	27.6	29.8	29.0	26.7	24.2	21.5	20.5	20.6	21.8	22.2	22.8	22.4	22.6	21.7	20.2	19.2	18.4	16.6	15.0	21.5
26	16.4	16.0	17.1	20.3	25.4	26.6	28.8	30.2	29.8	28.0	25.8	23.4	23.4	24.8	24.4	23.1	21.2	18.9	19.2	19.6	15.8	15.1	13.9	12.6	21.7
D 27	16.4	13.8	14.6	21.6	26.4	30.2	33.9	35.4	36.4	28.6	27.5	26.0	24.4	21.2	23.4	20.0	17.4	24.4	17.1	19.6	20.6	18.8	23.1	20.0	23.4
D 28	13.3	14.3	17.6	19.1	23.8	28.9	31.9	32.6	31.1	28.2	24.4	20.2	16.4	19.4	13.6	20.6	19.3	20.8	19.4	19.0	19.6	17.9	16.4	21.0	21.2
D 29	15.4	15.0	15.8	18.8	22.0	25.4	28.0	29.8	27.2	24.9	26.4	23.4	20.0	17.2	18.7	21.6	22.6	22.6	25.0	23.2	19.3	21.7	23.8	18.9	21.9
D 30	16.7	14.2	15.3	18.9	23.2	26.6	□	□	□	25.6	24.0	20.4	20.8	21.0	21.6	22.4	20.1	21.4	21.2	18.6	20.8	19.6	21.0	23.2	20.8
31	16.2	17.4	17.2	19.4	23.2	26.2	28.0	28.0	28.0	25.8	24.0	22.1	21.6	23.1	22.6	22.2	24.8	21.5	19.7	21.2	22.2	19.2	18.0	16.6	22.0
Среднее по всем дням	15.8	15.6	17.3	20.5	24.1	27.2	29.3	29.6	28.4	26.1	24.3	22.6	21.9	21.8	22.0	21.9	21.9	21.5	21.1	20.8	20.5	19.4	18.2	17.1	22.0
Среднее по сп. дням	15.3	16.3	18.6	20.3	25.4	27.5	28.6	28.5	27.1	25.4	23.6	22.6	22.2	22.4	23.0	22.8	22.5	22.0	21.6	21.2	20.6	19.2	17.1	15.3	22.1
Среднее по боз. дням	15.6	14.6	16.0	19.8	24.0	28.0	31.3	32.0	31.2	26.5	25.2	22.4	20.5	20.0	19.7	21.3	21.0	21.4	20.3	19.5	20.2	19.5	20.5	21.5	21.9

Бякова

Михаленкова

Ведомство СибУЗМНД
Обсерватория Црк. утвр.
Месяц Май Год 1982

Среднемесечн. $H = 19517^\circ$

Элемент Горизонтальная составляющая

$H = 19420^\circ$

$E_H = 3.2^\circ/\text{мм}$ $H = 19430^\circ$

Время роис дня	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Средн суточн.			
1	76	68	44	52	56	60	74	75	76	88	88	81	65	77	78	88	105	84	83	91	86	84	87	88	77
2	83	61	26	34	36	59	83	96	100	67	83	92	98	102	90	82	78	82	115	81	64	69	72	78	76
D 3	62	40	44	20	43	37	44	67	76	91	90	58	45	46	80	104	108	80	75	56	58	62	60	63	63
4	60	62	54	52	60	75	89	96	100	108	80	74	78	106	94	102	78	84	90	92	91	93	94	88	83
5	77	62	50	46	43	52	91	102	90	96	84	84	110	104	100	109	97	98	96	100	94	94	94	88	86
6	78	68	62	62	68	84	100	113	113	116	107	103	100	104	102	110	113	104	104	102	102	98	97	90	96
Q 7	82	78	73	68	74	91	110	116	116	120	110	110	110	110	110	110	108	108	106	102	100	102	100	102	101
Q 8	95	82	72	71	74	94	110	116	116	123	120	114	110	112	115	112	115	108	106	106	107	116	116	111	105
9	100	94	87	74	78	75	90	103	115	114	120	120	118	114	117	114	114	114	116	104	107	108	110	112	105
10	104	88	76	66	68	88	109	120	128	130	122	114	113	116	122	126	128	128	124	124	125	130	126	118	112
11	112	103	94	89	87	96	110	120	124	122	118	110	110	111	116	114	120	120	119	116	118	118	120	119	112
12	110	102	90	82	78	84	90	114	116	124	115	110	114	116	116	120	120	116	116	116	116	122	122	120	112
13	116	104	90	84	81	94	110	116	120	123	126	120	118	116	118	120	120	116	110	112	114	120	122	120	108
14	107	98	86	80	86	98	114	126	134	135	118	118	114	116	122	124	128	123	122	126	126	132	134	126	116
15	116	100	78	81	82	100	108	110	112	120	120	100	118	104	100	102	121	118	122	112	112	110	114	106	106
16	94	82	72	72	78	98	117	124	114	108	110	116	116	114	114	117	116	110	110	120	116	116	117	116	107
17	106	90	80	59	69	81	100	120	125	112	106	92	110	120	113	115	117	123	120	120	123	123	124	123	107
18	94	84	72	61	62	72	90	100	110	116	98	57	78	104	110	108	108	116	113	106	106	107	100	100	95
19	92	76	59	46	52	80	100	109	108	100	106	108	110	110	110	107	114	124	116	116	116	116	111	106	100
20	88	78	66	62	68	82	95	107	107	114	116	116	114	110	110	110	116	114	114	114	114	116	120	114	103
21	106	96	84	76	76	84	100	104	103	118	122	126	103	91	100	107	107	106	107	108	110	110	110	98	102
Q 22	90	80	72	74	83	94	104	110	112	114	111	111	114	113	112	114	114	115	114	114	112	112	105	100	104
Q 23	88	84	80	88	97	110	124	132	132	129	122	116	116	116	114	116	117	117	118	116	120	124	124	116	113
Q 24	107	94	87	87	91	108	120	123	129	132	130	126	120	117	120	124	124	124	122	123	129	134	138	138	119
25	126	116	104	88	84	108	126	135	126	129	129	123	116	120	127	132	120	126	138	136	136	136	136	115	122
26	110	97	84	84	90	100	114	116	126	139	152	140	152	157	176	148	112	110	108	122	108	108	102	98	119
D 27	90	72	48	45	60	68	60	88	98	80	60	69	85	76	104	78	86	74	64	81	68	86	104	76	75
D 28	52	21	6	-5	-23	2	48	75	67	72	93	88	80	94	108	84	78	76	78	72	73	70	64	94	61
D 29	75	52	36	28	22	34	50	68	65	76	86	94	108	104	90	90	97	97	90	81	88	79	90	83	74
D 30	70	60	28	39	58	62	—	—	—	66	91	100	99	94	98	94	100	84	94	82	90	84	75	67	68
31	58	49	36	18	27	66	80	77	86	94	84	74	94	88	96	106	110	96	88	86	79	90	83	74	77
Среднее по всем дням	91	79	66	61	65	79	92	103	105	109	107	102	104	106	109	109	109	106	106	105	103	105	106	102	97
	92	84	77	78	84	99	114	119	121	124	119	115	114	114	114	115	116	114	113	112	114	118	117	113	108
	70	49	32	25	32	41	40	60	61	77	84	82	83	83	96	90	94	82	80	74	75	72	79	77	68

Тамара Савельева

Тамара

Среднемесечн $Z = 56890^d$

Ведомство СибУЗМЦР
 Обсерватория Цркутск
 Месяц Май Год 1982

Элемент Вертикальная составляющая $Z = 56810^d$ $\epsilon Z = 2.5'' \text{ на } Z = 56819^d$

Время сиг- налов	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	19	20	21	22	23	Средн суточн.					
1	86	83	78	76	74	72	75	78	86	92	98	102	103	102	100	98	90	85	87	90	90	92	92	94	88	
2	94	87	80	82	80	78	78	81	88	93	98	100	100	100	97	97	96	96	84	76	72	82	86	90	88	
D 3	90	85	82	72	73	68	76	88	88	96	104	112	116	112	105	96	82	80	78	74	88	97	96	93	90	
4	90	85	79	75	70	70	75	84	90	93	102	106	100	96	90	91	88	92	92	92	93	93	95	95	89	
5	92	87	77	76	79	82	82	84	89	97	97	97	95	89	90	88	88	89	89	88	87	88	87	87	88	
6	83	78	71	65	65	63	62	66	70	77	85	87	88	86	86	87	85	85	86	86	85	85	85	82	79	
Q 7	85	85	85	78	71	68	68	68	72	81	83	85	86	85	85	85	85	86	86	86	85	85	85	84	85	
Q 8	88	88	80	73	71	73	77	81	81	87	90	87	85	85	85	85	85	84	85	85	85	85	88	88	87	83
9	86	84	75	65	61	60	68	73	75	80	85	85	84	84	85	86	86	86	85	85	87	90	88	88	80	
10	90	85	73	61	55	55	61	71	81	86	88	88	84	83	82	82	82	82	82	82	83	86	84	82	79	
11	78	75	68	62	59	61	66	71	75	80	87	88	86	86	85	85	85	84	84	83	83	80	84	83	78	
12	83	85	83	78	70	63	69	81	84	88	92	91	86	84	83	83	83	83	83	83	83	85	84	79	82	
13	76	73	70	67	66	67	70	74	79	82	84	84	82	80	80	80	80	80	80	80	80	84	85	85	78	
14	81	81	78	73	70	70	70	69	73	80	81	83	83	82	82	81	81	81	80	80	82	84	80	75	78	
15	77	79	74	70	66	65	66	70	76	78	87	85	85	85	85	84	84	84	82	77	82	85	83	81	79	
16	78	75	66	60	64	62	65	65	70	79	85	85	83	82	82	82	82	82	82	82	82	81	83	86	83	77
17	81	82	77	70	72	77	78	78	81	83	90	89	87	86	85	85	85	84	84	83	83	84	83	82	80	82
18	77	79	71	67	66	67	66	68	74	82	97	100	97	92	88	86	85	84	82	83	84	87	84	85	81	
19	84	72	65	61	59	58	62	70	77	82	88	85	85	85	83	83	83	84	83	81	82	84	84	80	81	77
20	78	80	70	64	60	60	66	76	78	86	85	84	83	81	82	82	81	81	82	82	82	85	85	82	78	
21	78	75	70	62	61	65	68	70	74	80	84	90	89	87	87	85	84	84	83	83	83	84	81	80	79	
Q 22	77	69	62	63	65	65	67	73	76	78	78	78	80	78	78	78	78	79	79	79	81	82	83	82	75	
Q 23	79	74	68	64	63	66	68	68	71	78	83	83	79	79	78	79	78	78	79	79	80	81	83	81	78	76
Q 24	74	73	72	65	65	65	65	68	71	75	78	79	79	79	78	80	80	80	79	79	82	84	81	79	75	
25	76	77	74	68	65	63	64	68	70	77	81	81	80	78	77	76	76	76	78	77	78	81	81	80	75	
26	72	70	62	58	57	55	59	67	72	78	80	77	77	75	78	77	80	80	78	77	77	71	76	75	73	72
D 27	66	65	58	56	56	55	65	76	83	102	108	103	98	98	86	88	85	81	81	75	76	78	68	63	78	
D 28	68	65	68	65	62	66	75	82	88	91	98	97	102	100	97	86	88	88	87	87	85	86	84	78	83	
D 29	72	59	52	47	49	56	65	71	82	92	91	90	92	93	88	88	85	84	78	74	81	77	69	80	75	
D 30	85	85	71	66	65	67	=	=	=	93	97	98	93	93	88	87	86	82	80	80	84	84	78	75	72	
31	80	78	78	66	65	65	73	80	85	97	103	103	96	88	87	84	81	78	80	82	81	83	82	80	82	
Среднее по всем дням	81	78	72	67	65	65	67	72	76	85	90	90	89	88	86	85	84	83	82	82	83	85	83	82	80	
Среднее по сп. дням	81	78	73	69	67	67	69	72	74	80	82	82	82	81	81	81	81	81	81	81	83	85	84	82	78	
Среднее по большим дням	76	72	66	61	61	62	56	63	68	95	99	100	100	98	83	89	85	83	81	78	83	83	79	78	80	

Полная

Бюкса

Ведомство Средизморг
Обсерватория Иркутск
Месяц май Год 1982

Среднемесечн. $T = 60144^{\circ}$

Элемент Толный вектор

$T = 60050^{\circ}$

$E_T = 2.9\% T = 60071^{\circ}$

Время роис. дня	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Средн. суточи		
1	98	91	81	82	81	78	84	88	91	102	110	112	110	110	110	107	95	97	104	102	103	104	107	98	
2	105	92	78	80	78	83	86	92	102	100	108	112	114	115	110	107	107	106	103	87	78	91	95	100	97
3 D	95	87	83	69	73	66	76	92	98	108	117	117	119	115	114	112	97	90	87	79	92	105	101	100	96
4	96	92	84	78	77	78	86	98	103	110	112	115	110	112	104	107	100	105	106	105	105	106	107	108	100
5	103	93	84	77	80	85	94	97	100	110	106	109	112	105	105	106	103	103	105	102	101	101	101	98	99
6	92	86	77	69	73	71	75	84	90	96	102	102	103	103	102	105	105	102	102	101	101	101	100	95	93
7 Q	97	95	92	85	79	79	84	86	89	100	100	104	105	102	102	103	103	103	102	102	102	104	102	102	97
8 Q	103	99	88	81	79	87	92	98	98	107	110	105	103	103	104	104	102	101	101	101	105	107	108	106	100
9	103	97	86	75	71	70	80	86	91	98	104	103	103	103	102	105	105	104	104	104	104	106	107	106	97
10	106	98	84	69	60	65	77	89	100	108	108	106	102	100	104	104	103	103	104	104	104	104	105	101	96
11	95	91	82	74	71	74	83	89	94	100	105	105	102	103	103	103	103	103	103	103	103	103	104	104	96
12	100	100	96	88	77	74	81	98	101	110	110	108	105	101	101	101	101	101	100	102	102	105	103	97	98
13	95	89	83	77	74	79	87	93	98	102	105	103	100	100	101	100	100	100	98	98	102	105	105	105	96
14	97	93	88	83	82	83	88	91	96	100	100	102	101	101	101	101	101	101	101	101	104	106	102	98	97
15	93	93	83	81	76	77	82	86	91	97	106	101	103	101	101	99	103	102	102	93	101	102	100	97	95
16	92	87	75	69	71	76	82	83	86	97	100	103	101	97	97	97	97	97	100	100	101	105	103	101	92
17	99	95	87	75	80	86	91	94	101	100	107	102	103	105	102	104	103	103	104	102	103	103	103	101	98
18	92	86	80	73	72	74	77	80	90	101	111	106	105	105	106	103	102	103	100	97	101	103	100	101	95
19	96	83	71	64	62	69	77	86	92	97	106	104	104	103	101	100	103	101	101	102	104	104	98	98	93
20	92	90	78	69	68	69	79	92	93	104	104	104	100	99	99	100	100	99	99	99	101	103	104	101	94
21	95	88	80	72	71	76	84	85	89	100	104	108	105	100	100	101	101	101	100	100	100	102	98	93	94
22 Q	90	79	71	71	74	78	83	91	92	94	96	96	96	94	94	94	94	97	97	97	96	100	97	96	90
23 Q	93	85	77	77	77	80	88	88	93	100	103	100	98	98	98	98	99	99	99	99	100	102	102	98	94
24 Q	93	88	83	78	78	81	82	88	91	97	101	101	97	97	97	100	100	100	98	98	104	107	106	104	95
25	97	96	91	81	76	77	83	89	91	98	104	102	100	98	100	97	93	97	102	100	102	103	104	100	95
26	91	84	75	68	69	69	76	85	91	100	106	100	106	104	112	100	98	97	95	98	90	92	91	88	91
27 D	77	74	62	58	60	62	70	86	94	112	112	110	108	108	102	98	100	88	88	86	85	84	84	72	87
28 D	70	62	60	55	48	58	79	89	94	96	112	110	112	114	114	97	98	98	98	96	96	94	92	92	89
29 D	83	64	52	46	45	56	66	78	88	102	103	104	110	108	102	101	101	97	89	84	93	82	82	92	84
30 D	92	91	72	66	68	71	77	77	77	98	111	114	108	106	103	102	102	91	93	92	97	95	86	82	92
31	86	83	80	62	62	72	83	91	98	111	114	115	113	100	101	101	100	92	92	93	92	96	91	91	92
Среднее по всем дням	94	88	79	73	71	74	82	89	94	102	106	106	105	104	103	102	101	99	99	98	99	101	99	98	94
среднее по сн. дням	95	89	82	78	77	81	86	90	93	100	102	101	100	99	99	100	100	100	99	99	101	104	103	101	95
среднее по возм. дням	83	76	66	59	59	63	73	86	94	103	111	111	111	110	107	102	100	93	91	87	93	92	89	88	90

Михаленова

Ямкова

Водоизмер. СибЗЛЦРСреднемесяч. $-2^{\circ}21.5'$ Элемент СклонениеОбсерватория ЦрхутскМесяц июнь Год 1982Б = $-2^{\circ}00.0$ $E_0 0.53/\mu D = -2^{\circ}31.0'$

Время роизм. дней																								Средн. суточн.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
1	15.1	□	□	□	□	□	□	27.6	29.0	27.8	23.1	22.4	22.3	22.6	21.7	22.3	21.8	20.6	19.0	18.8	19.0	18.6	16.2	15.1	21.3
2	16.8	15.5	17.1	21.8	23.8	25.0	26.2	27.6	27.6	27.5	25.6	22.1	21.6	21.4	21.8	22.0	21.8	20.6	19.4	18.6	16.2	15.6	14.4	12.5	20.9
Q 3	12.1	12.8	14.8	17.6	21.8	24.5	26.6	26.4	26.5	26.0	24.7	22.4	21.0	21.6	22.6	22.8	22.4	21.7	20.4	19.8	19.8	19.4	17.6	14.6	20.8
Q 4	12.4	13.6	16.0	19.4	22.4	24.8	26.6	28.4	28.4	27.6	24.5	21.8	21.3	21.3	21.8	22.0	21.9	22.3	20.8	20.0	19.1	17.4	15.6	14.2	21.0
Q 5	14.3	13.4	14.3	16.1	20.3	25.8	30.3	31.8	29.6	27.7	25.3	23.2	22.8	22.9	22.7	21.5	21.8	21.8	21.2	20.0	19.4	18.6	16.4	13.6	21.5
6	12.2	13.1	15.5	16.4	19.8	22.6	27.2	29.6	28.6	27.3	25.6	23.3	21.6	22.3	22.7	23.0	22.6	22.0	21.0	19.6	18.8	16.4	14.4	13.6	20.8
7	10.4	12.7	15.9	20.1	22.7	24.2	28.5	30.7	28.7	25.6	22.7	21.6	21.6	22.0	22.7	22.4	22.3	22.0	21.7	20.8	19.6	17.9	15.2	13.7	21.1
8	14.0	14.2	16.1	19.1	22.2	26.0	29.0	30.4	29.8	27.2	24.3	21.3	19.5	20.6	22.0	22.3	20.6	21.6	22.4	19.9	19.2	17.4	16.6	15.5	21.3
9	15.7	15.2	18.3	22.0	25.4	28.2	29.8	31.2	28.4	26.4	23.4	21.8	20.7	21.2	21.2	21.2	22.3	22.4	21.4	20.7	19.7	16.2	13.9	12.6	21.6
Б 10	12.8	14.0	13.5	17.6	24.7	29.8	33.1	33.6	30.3	27.0	□	□	16.6	18.1	17.0	17.8	23.3	22.4	22.3	21.4	19.3	17.8	17.5	17.0	21.2
Б 11	15.0	14.8	18.9	23.8	27.0	30.4	29.6	29.8	29.6	28.2	24.8	20.0	20.7	22.2	22.0	22.0	21.8	24.8	21.4	19.7	18.6	17.6	16.4	14.6	22.2
Б 12	15.4	18.2	15.2	17.0	19.6	20.4	25.6	28.6	29.4	28.1	23.4	21.6	20.7	21.0	20.7	19.0	16.0	15.6	22.8	20.4	20.2	□	□	□	20.9
Б 13	□	□	□	□	□	□	□	□	□	30.5	26.5	22.4	20.0	19.6	19.4	21.6	23.4	23.4	20.8	21.2	15.4	18.6	21.5	17.2	21.4
14	13.8	13.4	15.0	17.3	21.6	23.4	27.4	29.0	27.6	23.6	22.4	17.8	20.0	22.4	22.5	22.3	22.0	23.0	21.6	20.4	21.4	18.7	16.6	14.0	20.7
15	12.8	14.0	14.0	14.4	18.1	22.8	28.2	28.4	29.6	28.6	27.0	24.0	21.7	20.2	19.3	22.6	23.7	27.0	21.8	20.8	19.6	19.0	17.4	16.0	21.3
16	15.0	15.4	16.2	19.6	23.0	27.2	29.3	30.2	□	□	□	20.8	20.5	20.0	20.4	21.7	22.4	22.3	21.4	21.8	19.6	17.1	□	□	21.3
Q 17	□	□	□	□	22.8	25.8	27.7	28.1	27.4	26.0	23.0	21.8	20.8	21.4	20.2	23.0	□	□	□	□	□	□	□	□	24.0
Q 18	□	□	□	□	24.0	27.4	28.5	28.4	26.8	25.4	23.5	21.8	21.2	21.8	21.8	21.8	21.4	21.6	21.8	21.8	20.2	17.7	15.0	14.0	22.3
19	14.4	16.8	16.4	21.4	24.0	26.0	28.1	28.8	30.0	27.0	24.0	23.6	22.2	20.8	21.2	22.2	22.8	20.7	21.2	19.8	15.8	15.8	16.4	14.8	21.4
20	11.2	13.4	19.3	22.2	24.0	26.6	26.2	26.6	24.0	24.0	22.3	21.8	21.4	20.8	21.5	22.4	22.2	21.8	22.4	21.8	20.8	17.6	14.4	14.8	21.0
21	16.6	19.2	20.8	24.2	26.0	28.8	31.2	30.5	27.8	24.9	22.8	20.7	20.5	20.8	21.8	22.8	23.0	23.0	22.6	22.0	22.0	19.6	15.8	12.8	22.5
22	14.0	16.4	19.6	23.4	25.4	27.0	28.0	27.6	26.2	23.4	19.9	19.0	19.6	20.8	22.3	23.4	24.0	24.2	23.0	19.4	20.2	21.0	18.8	18.2	21.9
23	18.1	18.6	20.0	23.2	25.0	29.6	32.6	32.0	29.4	28.0	26.3	23.3	20.8	21.2	21.8	22.5	22.5	22.0	20.2	17.6	18.0	16.0	14.0	13.3	22.3
24	15.0	14.4	15.9	19.4	23.6	27.0	28.5	29.2	29.6	30.2	26.0	24.4	24.0	23.4	23.4	23.4	22.8	21.8	21.0	20.3	19.3	21.6	17.0	14.9	22.3
25	14.4	16.0	17.1	22.8	24.3	26.0	29.4	31.8	29.7	27.0	25.0	23.5	23.3	22.6	21.8	22.8	22.2	21.5	20.6	19.6	19.0	17.8	16.4	15.4	22.1
26	14.0	14.4	15.4	19.1	23.4	27.2	29.8	29.4	28.1	27.8	25.6	23.4	22.3	21.8	21.0	21.4	21.8	21.4	19.1	18.2	16.3	15.0	18.7	16.7	21.3
27	18.4	15.1	18.5	19.4	20.2	24.6	28.0	27.0	26.5	24.0	22.3	22.7	20.3	21.5	23.0	23.3	23.3	22.8	21.5	20.8	16.1	17.0	17.4	19.2	21.4
28	13.5	14.8	19.6	23.3	25.4	27.6	28.8	29.4	30.3	28.0	22.2	23.0	22.3	22.3	23.6	23.5	23.3	22.3	20.0	19.6	18.5	17.0	16.4	16.2	22.1
29	14.6	14.0	19.5	22.6	24.2	27.0	29.0	29.4	28.2	27.4	25.8	23.3	24.6	24.1	24.1	24.0	23.0	18.2	19.9	19.5	18.0	16.0	14.4	15.2	21.9
Б 30	14.4	14.0	17.6	19.8	21.2	22.3	29.8	30.5	28.2	26.2	23.4	20.0	19.3	21.4	22.9	23.6	23.3	21.4	19.8	19.8	20.0	19.8	17.2	16.8	21.4
31																									
Среднее по всем дням	14.3	14.9	16.9	20.1	23.1	26.0	28.7	29.4	28.4	26.8	24.1	22.0	21.2	21.5	21.7	22.2	22.3	21.7	21.1	20.1	18.9	17.8	16.4	15.1	21.5
Среднее по сп. дням	12.9	13.3	15.0	17.7	22.3	25.7	27.9	28.6	27.7	26.5	24.2	22.2	21.4	21.8	21.8	22.2	21.9	21.9	21.1	20.4	19.6	18.3	16.2	14.1	21.9
Среднее по вож. дням	14.4	15.3	16.3	19.6	23.1	25.7	29.5	30.6	29.4	28.0	24.5	21.0	19.3	20.5	20.4	20.8	21.6	21.5	21.4	20.5	18.7	18.5	18.2	16.4	21.4

Палаиевская

Былкова

Ведомство Сиб ЦНИИРСреднемесечн. $H = 19508^{\circ}$ Обсерватория ИркутскМесяц Июнь Год 1982Элемент Горизонтальная составляющая $H = 19420^{\circ}$ $E_H 32^{\circ}/m H = 19433^{\circ}$

Время роис- ход																												Средн. суточн.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23					
1	60	□	□	□	□	□	□	92	101	104	116	110	108	104	107	107	108	108	104	102	104	96	94	75	100			
2	70	64	31	40	55	65	82	82	92	110	112	109	106	97	100	104	104	100	104	98	90	92	88	81	86			
Q 3	75	65	63	56	70	74	76	84	90	100	104	114	117	115	112	114	114	106	105	100	101	100	104	96	94			
Q 4	72	66	62	55	59	64	76	89	100	116	116	115	112	117	118	110	108	112	108	107	106	110	104	108	96			
Q 5	100	94	84	68	65	74	94	104	116	120	120	120	120	120	124	114	112	114	116	120	116	116	121	118	107			
6	102	88	81	104	94	93	93	88	104	124	122	114	116	116	120	123	126	126	124	118	124	124	124	114	111			
7	90	66	62	59	58	71	52	78	72	94	88	74	92	94	97	94	98	98	97	98	98	97	100	98	84			
8	84	72	59	52	60	77	86	100	109	116	117	114	108	110	106	114	101	100	107	106	120	102	108	104	96			
9	112	130	109	106	110	115	118	127	128	122	124	120	124	122	110	122	126	131	126	120	124	128	123	114	120			
D 10	104	91	50	2	-15	-9	30	53	59	85	□	□	82	92	70	91	90	84	85	84	88	88	87	87	67			
D 11	82	72	50	27	38	75	88	88	102	98	106	94	98	112	114	114	118	117	104	95	92	93	90	62	89			
D 12	38	59	48	45	55	54	68	72	90	102	109	98	94	94	110	128	110	97	78	80	94	100	□	□	83			
D 13	100	□	□	□	□	□	□	□	□	108	152	121	116	85	92	96	111	98	80	90	92	78	93	70	99			
14	45	35	33	33	28	44	28	54	59	70	71	71	93	90	98	96	96	120	100	98	96	94	90	88	71			
15	70	66	46	31	36	40	64	86	92	85	95	97	98	104	94	104	116	102	100	98	94	88	88	74	82			
16	65	68	48	47	60	70	90	110	□	□	□	104	98	101	104	106	108	115	114	112	107	108	□	□	91			
Q 17	□	□	□	□	80	81	83	110	122	118	117	98	100	102	104	110	□	□	□	□	□	□	□	□	102			
Q 18	□	□	□	□	78	80	92	114	119	120	129	122	114	116	114	114	112	120	120	119	114	117	118	112	112			
19	96	80	72	68	74	84	94	106	98	108	112	86	105	107	102	96	105	104	90	90	78	85	84	84	92			
20	70	45	34	48	63	58	69	104	97	83	86	94	106	100	102	110	106	104	108	100	106	102	98	88	87			
21	76	72	66	62	67	77	74	102	88	96	104	114	101	108	102	106	112	111	109	108	108	109	102	96	95			
22	86	81	72	68	62	72	77	87	97	102	100	100	104	107	98	116	116	112	109	98	110	104	106	94	95			
U 23	91	92	58	40	34	30	40	46	54	64	66	72	79	89	84	90	93	90	86	80	88	94	88	84	72			
24	80	64	58	60	68	96	101	98	122	100	93	88	72	87	91	90	90	90	92	96	87	84	72	60	85			
25	48	48	20	9	47	60	74	62	54	51	70	84	80	86	88	86	86	85	82	78	78	81	82	78	67			
26	64	50	42	39	40	49	66	84	98	100	98	100	98	103	88	90	80	78	72	75	82	79	90	73	77			
27	55	22	2	24	28	30	38	58	80	92	75	82	90	88	88	90	91	90	92	92	94	84	90	80	68			
28	64	38	28	24	32	40	62	60	94	94	85	90	96	94	102	106	111	109	90	97	88	92	96	80	77			
29	72	44	39	46	52	62	64	78	102	122	106	92	110	116	120	122	126	129	105	104	104	104	100	82	92			
D 30	92	74	48	43	18	25	34	56	64	80	74	59	74	85	83	85	88	90	77	77	80	88	82	76	62			
31																												
Среднее по всем дням	77	67	53	48	54	63	72	85	93	98	102	98	100	102	101	105	106	104	199	98	98	98	96	88	88			
среднее по стек. ун-там	82	75	90	60	70	75	84	100	109	115	117	114	113	114	114	112	112	113	112	112	109	111	112	108	102			
среднее по всех ун-там	83	74	49	29	24	36	55	68	79	91	110	93	93	94	94	103	103	97	85	85	89	89	88	74	81			

Тала.савскаяТычкова

Ведомство СибВВССреднемес.-н. $Z = 56888^{\circ}$ Элемент Вертикальная составляющаяОбсерватория ЦрктисМесяц Июнь Год 1982 $Z = 56810^{\circ}$ $E = 25^{\circ} \text{ и } Z = 56819^{\circ}$

Время роис- ции	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Средн суточн.	
1	78	76	□	□	□	□	□	79	82	86	90	86	83	83	83	83	83	82	80	78	71	70	70	70	80
2	76	77	72	67	64	68	72	79	85	86	88	90	87	85	83	83	83	83	82	78	78	83	82	82	80
Q 3	80	74	65	60	60	57	63	68	70	80	85	87	87	83	81	81	80	80	79	80	80	82	82	79	76
Q 4	77	77	69	65	65	64	68	75	80	84	86	84	82	82	80	80	80	80	80	80	81	82	79	77	77
Q 5	73	72	69	62	59	57	62	61	68	76	83	85	82	82	80	79	78	79	80	80	80	83	84	83	75
6	78	76	69	62	57	58	62	68	79	83	86	87	85	81	80	80	80	80	81	81	84	85	84	84	77
7	80	78	74	70	71	70	67	80	85	96	110	106	95	87	85	84	85	84	84	85	85	85	83	78	84
8	76	75	74	68	67	70	68	71	78	80	85	87	87	85	83	83	83	83	83	82	83	85	85	80	79
9	79	73	68	63	63	66	68	70	74	80	80	81	82	83	82	80	78	78	77	78	80	82	80	74	76
D 10	67	59	49	47	58	72	87	88	88	87	□	□	102	101	92	84	76	82	84	85	86	85	82	80	79
D 11	78	72	67	63	62	70	78	83	88	92	104	105	94	88	86	84	84	82	78	77	77	82	80	78	81
D 12	83	82	84	76	72	58	61	75	89	98	100	98	94	88	88	86	80	72	68	74	82	78	□	□	81
D 13	62	□	□	□	□	□	□	□	□	85	97	98	99	96	94	86	85	83	76	68	60	62	52	60	79
14	70	72	70	60	52	55	58	70	76	90	97	100	97	90	85	85	85	85	83	80	82	85	80	76	78
15	76	75	70	58	58	59	68	80	81	80	84	86	86	87	87	88	86	76	80	82	80	80	79	77	78
16	78	75	71	66	62	60	66	69	□	□	□	87	83	84	83	82	83	84	82	78	84	85	□	□	77
Q 17	□	□	□	□	67	68	68	69	76	82	86	80	82	80	83	82	□	□	□	□	□	□	□	□	77
Q 18	□	□	□	□	67	70	71	71	78	83	83	81	80	80	76	77	78	79	78	80	80	82	78	76	77
19	71	69	64	62	56	55	57	62	80	84	89	82	82	86	85	85	86	85	82	81	80	82	75	73	76
20	70	68	68	68	74	69	74	78	80	88	90	89	85	84	84	84	84	83	82	80	82	81	78	70	79
21	65	64	56	56	58	54	59	67	75	78	80	85	85	86	83	83	80	80	80	81	82	85	84	81	74
22	69	65	62	58	57	58	62	74	82	88	88	87	85	87	84	84	84	84	84	83	85	80	71	67	76
23	62	58	50	50	56	64	75	84	87	92	96	103	102	98	94	93	91	89	88	88	88	85	80	78	81
24	75	74	71	65	58	60	60	62	74	80	89	94	94	92	87	86	86	84	84	85	82	72	63	69	77
25	68	73	64	64	65	65	70	75	82	93	90	92	90	89	87	86	85	85	85	85	86	86	87	89	81
26	85	85	75	75	72	79	82	84	86	85	84	88	87	88	87	87	87	88	88	88	83	80	71	66	83
27	69	66	61	60	52	58	69	78	80	88	88	86	92	89	87	85	84	84	84	84	84	82	80	79	77
28	68	65	65	62	64	68	80	79	81	88	88	85	85	85	84	84	84	76	79	81	81	83	77	77	78
29	70	63	61	57	57	57	63	71	77	82	83	86	84	82	80	80	82	82	79	82	83	83	82	78	75
D 30	78	73	68	65	67	75	89	86	90	88	93	97	90	88	84	85	86	83	82	82	81	78	76	70	81
31																									
Среднее по всем дням	74	72	67	63	62	64	69	75	80	86	89	90	88	87	85	84	83	82	81	81	81	81	75	76	78
Среднее по стой. дням	77	74	68	62	64	63	66	69	74	81	85	83	83	81	80	80	79	80	79	80	80	82	81	79	76
Среднее по возм. дням	74	72	67	63	65	69	79	83	89	90	99	100	96	92	89	85	82	80	78	77	78	77	72	72	80

Маломосковская

Тяжкова

Ведомство СибУЗЛЦР
 Обсерватория Чиркутск
 Месяц Июнь Год 1982

Среднемесечн. $T = 60149^{\circ}$

Элемент Южный вектор

$T = 60050^{\circ}$

$C_p = 2.9/111 T = 60068^{\circ}$

Время по роис дня	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Средн суточн.	
1	84	□	□	□	□	□	□	90	96	100	106	100	98	98	98	97	97	94	95	92	86	82	82	77	93
2	83	80	68	66	66	74	80	85	94	100	103	105	100	98	95	97	98	97	97	92	90	94	94	92	90
Q 3	86	80	68	62	66	63	68	76	80	92	99	102	102	99	96	95	94	94	92	92	92	94	96	92	87
Q 4	83	83	74	68	69	69	74	85	91	100	104	100	97	99	96	95	95	96	95	95	95	97	92	92	89
Q 5	85	85	77	69	62	62	74	74	85	92	100	103	100	99	98	95	95	95	97	97	97	101	104	102	90
6	92	86	78	74	89	69	74	77	91	102	102	104	103	96	98	97	100	98	96	96	102	102	102	101	92
7	91	84	78	74	74	76	68	86	88	106	120	111	106	100	97	95	99	97	97	98	98	98	98	92	93
8	86	82	78	70	72	78	78	84	91	97	103	103	102	102	97	100	97	98	98	97	97	101	101	94	92
9	96	93	83	77	77	82	86	88	94	98	97	99	100	102	97	97	97	98	96	96	100	102	97	91	93
Q 10	82	71	51	37	46	59	84	89	92	96	□	□	113	112	100	98	84	92	94	96	100	97	92	92	85
Q 11	88	80	68	57	58	67	90	92	101	106	118	118	110	104	103	101	100	100	91	89	88	94	92	82	92
Q 12	82	87	86	76	76	61	66	80	100	112	115	111	106	101	104	107	95	86	76	84	94	92	□	□	91
Q 13	74	□	□	□	□	□	□	□	□	100	122	116	116	106	105	100	100	94	83	80	72	70	64	66	92
14	71	72	70	58	50	54	54	72	78	94	105	108	109	100	98	97	98	98	94	94	94	97	90	86	85
15	84	80	73	57	56	57	72	90	92	90	94	97	99	100	100	103	103	88	91	94	93	93	90	85	87
16	85	82	74	68	66	66	76	84	□	□	□	101	97	98	97	97	98	101	97	95	97	100	□	□	88
Q 17	□	□	□	□	76	75	76	82	94	101	103	97	97	97	97	98	□	□	□	□	□	□	□	□	91
Q 18	□	□	□	□	75	72	80	86	94	102	103	100	98	97	71	95	96	97	96	97	96	101	97	94	93
19	86	78	72	68	62	63	68	82	90	98	106	91	97	102	98	98	101	100	92	89	91	92	86	84	87
20	78	68	66	69	79	72	80	92	92	98	102	102	101	97	98	100	97	98	98	95	98	96	90	82	90
21	74	71	61	61	63	60	63	81	85	90	95	103	100	100	98	98	97	94	94	97	98	100	97	95	86
22	81	74	69	66	60	63	71	84	94	102	103	101	101	103	98	100	100	101	100	96	101	94	86	81	89
23	75	70	55	48	54	61	72	85	89	97	100	109	112	109	105	103	104	100	100	99	101	98	90	88	88
24	85	81	78	70	63	71	71	75	91	93	100	105	103	103	99	97	97	95	97	92	92	84	72	74	87
25	72	74	60	56	66	69	76	80	84	95	97	100	98	100	98	97	94	94	94	94	94	96	98	99	87
26	92	88	76	75	72	79	86	92	99	97	96	100	102	103	100	100	98	98	96	98	95	89	83	73	91
27	71	62	51	56	49	55	66	81	90	96	98	97	104	101	97	96	96	96	95	95	90	92	91	76	83
28	75	66	63	57	60	68	83	83	92	100	100	98	100	98	98	100	101	82	90	95	92	95	86	86	87
29	77	65	60	58	56	61	68	81	89	100	97	100	99	100	98	99	102	102	95	98	98	100	96	89	87
D 30	88	82	72	66	60	71	86	90	94	92	100	101	100	97	92	95	97	96	90	89	90	90	87	77	88
31																									
Среднее по всем дням	82	78	90	64	64	67	75	84	91	98	103	103	102	101	98	98	98	96	94	94	94	95	91	87	89
Среднее по спок. дням	85	83	73	66	70	68	74	81	89	97	102	100	99	98	96	96	95	96	95	95	95	98	97	95	90
Среднее по б.д.м. дням	83	80	69	59	60	64	81	88	97	101	114	112	109	104	101	100	95	94	87	88	89	89	84	79	90

Галамеевская

Горюхова

Ведомство СибЦИЗМИРСреднемесяч. 1949^гЭлемент Горизонтальная составляющаяОбсерватория ИркутскМесяц Июль Год 1982H 19420^гЕН = 3.2/милл Н = 19434^г

Время роис ции	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	19	20	21	22	23	Средн суточн.				
1	52	60	52	50	42	60	59	94	107	97	112	106	101	110	116	104	98	113	110	100	102	92	80	88	88
Q 2	88	78	68	58	60	67	72	88	104	108	108	105	96	92	102	112	111	112	115	112	96	92	100	98	93
Q 3	94	85	74	67	68	84	100	120	129	121	113	108	112	106	104	107	106	108	109	106	106	106	103	94	101
Q 4	84	78	78	83	92	100	110	113	116	116	112	111	104	104	106	104	104	103	103	104	106	110	110	105	102
Q 5	92	80	74	76	92	107	112	120	123	123	118	122	133	118	124	125	129	133	133	132	138	142	147	145	118
6	125	106	100	100	105	114	134	159	159	129	120	134	130	138	142	133	137	125	106	114	120	124	121	120	125
7	113	94	91	78	78	85	90	96	89	94	110	112	110	98	106	104	98	124	113	104	104	110	110	104	101
8	88	70	60	60	58	62	98	120	114	115	123	104	110	115	119	122	132	112	114	115	115	121	120	108	103
9	90	85	76	76	75	78	81	78	93	107	119	110	108	102	108	110	114	108	104	107	116	118	119	118	100
Q 10	104	98	90	81	72	72	87	107	110	108	116	100	102	116	123	121	123	119	113	114	114	119	116	110	106
11	92	83	81	78	72	87	110	123	138	155	147	114	105	123	107	92	110	129	134	110	116	114	108	100	110
D 12	85	70	58	52	54	68	94	116	112	122	136	152	118	102	74	88	92	76	54	47	54	49	52	50	82
D 13	36	-4	-9	-9	-8	41	24	70	70	68	92	106	86	86	92	96	163	158	54	20	-40	28	8	-66	48
D 14	-173	-166	-109	-84	-78	-43	-42	-8	-7	4	21	6	3	9	17	35	34	48	38	23	10	-10	-10	-48	-22
15	-34	-66	-66	-77	-76	-36	-18	0	11	18	66	38	32	27	32	29	38	37	31	20	15	18	16	16	3
D 16	37	32	1	-10	-16	0	2	36	50	87	32	40	40	50	51	97	71	75	75	76	70	100	100	72	49
17	4	11	11	0	-8	0	23	40	52	78	99	72	68	72	56	52	52	54	54	52	50	52	56	38	43
18	30	17	3	8	3	12	47	58	86	60	60	68	66	58	54	56	70	77	70	76	70	66	60	58	51
19	40	26	42	24	15	36	58	60	74	76	96	105	84	78	98	74	72	68	60	56	56	60	56	52	61
20	39	5	-40	-42	-15	5	45	64	60	45	45	57	57	63	63	63	64	64	66	63	63	62	64	51	42
21	38	24	11	16	22	22	38	54	78	92	92	88	81	76	84	80	76	78	76	78	66	76	82	87	63
22	68	52	45	41	41	54	68	82	73	85	97	91	97	93	100	77	77	81	76	75	74	80	79	70	74
23	52	44	37	44	49	60	62	72	86	94	108	91	82	95	86	78	84	86	78	85	73	80	76	60	73
D 24	56	48	26	-4	-1	17	17	50	42	46	44	52	73	78	80	86	64	78	78	42	49	50	46	33	48
25	25	26	26	-2	-10	38	44	30	54	59	74	80	76	86	85	78	76	77	73	76	68	66	68	69	56
26	36	26	16	5	30	36	47	54	70	78	85	90	81	78	85	79	67	76	82	80	76	70	80	73	63
27	50	49	50	46	40	16	0	40	50	64	64	66	62	71	78	90	86	80	82	80	80	64	62	62	60
28	68	52	32	30	20	40	56	68	80	88	86	75	84	86	86	86	86	78	76	74	75	74	80	72	69
29	33	56	60	60	62	60	38	42	66	78	86	85	94	73	74	100	72	80	80	75	68	74	74	78	70
30	73	66	57	56	51	60	58	52	58	72	72	75	85	94	100	101	106	92	63	74	74	73	69	78	73
31	65	50	42	34	56	56	46	40	48	60	46	73	64	60	72	78	87	80	73	76	74	78	72	62	62
Среднее по всем дням	53	43	37	32	34	47	57	72	80	85	90	88	85	86	88	89	90	91	84	80	76	79	78	70	71
Среднее по сп. дням	92	84	77	73	77	86	96	110	116	115	113	109	109	107	112	114	115	115	115	114	112	114	115	110	104
Среднее по бл. дням	8	-4	-7	-11	-10	17	19	53	53	65	65	71	64	65	63	80	85	87	60	42	29	43	39	8	41

Берков.

Михаленкова

Ведомство СибУЗЦИР
 Обсерватория Иркутск
 Месяц июль Год 1982

Среднемесечн. 56892

Элемент Вертикальная составляющая

Z = 56810

EZ 2.5/ч Z = 56819

Время роис. дня	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Средн. суточн.		
1	61	57	55	55	55	61	65	68	72	75	82	82	82	84	82	81	80	81	77	75	74	69	68	69	71	
Q 2	73	73	63	62	63	66	69	75	77	78	82	83	82	82	80	80	79	78	76	75	77	77	75	75	75	
Q 3	72	67	60	59	62	68	72	73	76	80	78	76	76	77	76	77	77	77	77	77	78	79	77	77	74	
Q 4	73	72	66	66	65	65	66	67	69	70	75	75	75	75	76	76	76	77	77	77	78	77	75	73	73	
Q 5	71	69	66	63	61	66	73	77	68	67	60	72	72	72	73	75	75	75	75	75	76	77	75	72	71	
6	65	59	59	59	60	66	67	66	69	71	68	70	69	72	72	72	75	72	69	75	78	77	72	69	69	
7	65	62	62	62	59	63	66	69	69	80	84	80	81	82	79	78	78	76	68	74	79	82	83	82	73	
8	71	63	61	63	61	65	69	72	76	77	82	82	82	80	77	76	75	69	73	75	77	73	67	65	72	
9	66	66	62	60	65	68	68	69	70	76	82	83	84	82	79	77	77	76	76	76	77	78	75	69	73	
Q 10	69	69	66	62	57	59	60	64	69	75	85	87	86	82	80	77	76	76	75	77	80	82	82	82	74	
11	75	69	61	55	57	58	63	69	72	81	87	87	87	95	90	85	83	83	72	77	80	75	72	69	75	
D 12	73	77	66	64	68	65	63	65	75	90	105	113	113	110	102	92	81	76	80	83	84	84	80	75	82	
D 13	70	64	57	55	57	69	72	82	80	87	102	107	94	90	88	85	93	67	20	-8	-47	57	76	24	64	
D 14	12	-20	-57	-28	-3	35	25	79	107	124	158	141	132	123	114	109	109	107	94	89	88	85	85	77	74	
15	84	82	87	90	87	92	92	100	106	119	134	124	130	119	112	108	104	105	104	99	97	99	93	80	102	
D 16	89	87	83	85	84	86	85	93	101	134	134	122	110	101	98	102	98	97	98	95	97	98	92	82	98	
17	74	79	70	69	69	75	82	86	90	101	107	104	107	106	99	97	97	97	95	96	95	95	90	89	90	
18	84	79	74	77	75	76	81	84	99	106	110	115	116	103	101	99	97	94	95	95	99	102	99	95	94	
19	92	84	74	71	67	65	70	73	77	87	98	105	105	103	97	94	94	93	92	93	94	93	92	84	87	
20	79	70	66	74	74	70	74	82	87	96	101	97	91	90	89	89	89	89	88	88	91	93	98	94	86	
21	92	86	80	81	80	77	79	88	92	97	100	96	90	89	89	92	92	92	92	91	91	94	94	89	89	
22	86	84	79	75	75	74	72	78	82	90	93	93	93	93	92	87	91	90	90	92	93	96	95	95	87	
23	94	87	79	77	70	70	77	78	84	87	93	95	95	97	90	89	90	90	90	89	89	94	93	92	87	
D 24	92	88	79	75	75	81	87	89	94	107	113	109	104	100	99	97	97	88	74	75	87	92	90	89	91	
25	86	82	77	70	72	77	77	80	87	89	96	99	97	94	92	92	92	89	88	86	85	84	84	83	86	
26	81	81	79	77	75	74	75	77	84	97	99	98	95	94	93	93	94	95	94	94	92	92	93	90	88	
27	87	84	78	74	74	70	77	89	88	90	92	92	94	94	94	94	89	90	89	89	89	89	89	83	87	
28	81	75	70	72	75	76	77	81	82	82	86	92	92	91	91	90	89	89	89	85	89	90	92	88	84	
29	84	86	86	82	78	77	78	84	84	82	86	92	102	93	94	87	87	89	89	89	88	88	90	89	87	
30	86	86	82	76	77	79	77	79	90	95	95	99	97	90	88	88	88	86	88	89	90	92	88	85	87	
31	77	74	73	75	78	71	70	80	93	106	109	104	99	98	94	89	89	89	89	89	90	90	90	90	88	
Среднее по всем дням	76	72	67	66	67	70	72	78	83	90	96	96	95	92	90	88	87	86	82	82	82	82	86	85	80	82
Среднее по сп. дням	72	70	64	62	62	65	68	71	72	74	78	79	78	77	77	77	77	77	76	76	78	78	77	76	73	73
Среднее по бездн. дням	67	58	46	50	56	67	66	82	91	108	122	118	111	105	100	97	96	87	73	67	62	83	85	69	82	

Бажкова

Михаленова

Ведомство СибУЗМЦРОбсерватория ЦркутскМесяц июль Год 1982Среднемесечн. 60138^dЭлемент Ясный вектор $T = 60050^d$ $ET \ 2.9^{d/4} T = 60066^d$

Время роис- ход	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	63	60	57	57	53	62	66	82	87	86	99	98	97	100	100	92	92	92	86	86	82	78	80	82	
Q 2	85	82	70	68	68	72	76	86	89	93	96	98	96	93	95	96	95	95	92	89	90	90	87	87	
Q 3	83	68	66	63	66	68	84	92	95	98	96	90	93	90	90	93	91	93	93	93	90	94	92	89	86
Q 4	84	81	72	75	68	68	81	83	86	87	90	90	89	89	90	88	88	88	90	90	90	95	92	87	85
Q 5	83	81	72	71	73	81	89	96	88	84	86	88	92	89	92	95	95	92	97	97	95	98	100	97	89
6	97	74	72	71	75	83	86	93	96	89	84	94	89	94	96	92	98	90	84	93	95	97	90	86	88
7	81	76	74	69	67	74	75	82	78	93	100	96	97	94	93	93	93	95	85	86	93	99	100	98	87
8	84	70	65	66	64	71	83	90	93	94	100	95	98	96	93	94	95	86	90	92	93	92	84	80	86
9	77	77	69	66	72	76	76	76	82	90	99	98	100	96	93	93	93	93	90	90	93	93	93	90	86
Q 10	84	84	79	64	64	70	70	79	86	86	101	100	102	98	98	94	96	94	93	94	97	102	100	100	89
11	88	80	72	63	62	68	78	88	93	105	109	102	100	112	105	96	101	105	93	92	95	93	86	84	90
D 12	84	78	70	67	70	70	74	81	90	108	128	139	131	126	109	104	93	84	82	84	88	87	83	77	92
D 13	70	56	43	40	45	66	66	86	86	92	114	123	105	105	101	96	124	96	-12	-27	-93	55	70	-7	62
D 14	-104	-36	-5	13	33	75	11	110	122	133	148	130	122	114	106	108	108	109	92	84	80	73	73	54	75
15	63	54	61	61	58	73	76	86	97	112	136	122	124	114	110	104	103	103	100	95	90	92	84	74	91
D 16	87	86	73	73	69	74	75	90	101	142	130	119	108	101	98	112	101	101	103	101	101	110	104	88	98
17	64	70	61	58	56	61	74	80	90	110	114	110	112	110	100	98	98	98	98	95	96	96	92	86	89
18	81	73	64	69	64	68	81	86	106	106	111	119	120	104	101	104	102	101	100	102	103	101	103	98	95
19	92	78	72	66	78	61	72	72	80	93	110	118	113	110	106	98	98	98	95	95	95	95	95	86	91
20	63	42	23	38	36	36	57	77	80	85	95	84	79	79	78	78	78	78	79	79	79	84	87	85	70
21	91	82	73	73	73	71	75	86	100	106	111	105	100	95	100	100	100	100	100	100	95	102	103	100	93
22	93	88	78	73	74	74	75	84	83	98	104	103	104	104	103	95	98	98	95	97	98	100	103	103	93
23	95	86	75	76	72	73	78	83	92	95	103	103	102	102	100	98	100	99	98	98	95	101	100	96	93
D 24	98	88	73	65	62	72	79	86	92	105	113	110	110	108	105	106	101	96	80	74	86	93	90	87	91
25	83	79	74	58	58	74	76	75	86	92	101	109	104	103	101	100	98	95	94	93	88	86	88	88	88
26	79	78	71	68	71	69	74	79	90	104	109	108	100	100	101	100	100	101	101	102	99	98	101	98	92
27	86	87	78	74	72	60	66	87	86	95	96	98	97	100	100	104	100	98	100	98	96	93	92	86	90
28	86	74	66	66	70	74	78	84	84	86	96	100	101	100	100	100	100	100	98	96	93	94	99	96	89
29	80	88	88	84	81	78	73	81	86	87	94	100	112	100	100	98	92	95	95	96	94	94	97	96	91
30	93	90	83	79	79	83	76	82	93	101	101	105	104	102	101	101	103	95	94	96	95	98	94	93	93
31	82	76	73	73	80	73	70	79	93	102	110	112	102	101	98	98	99	95	95	96	96	97	96	95	92
Среднее по всем дням	77	73	67	65	66	70	75	85	91	99	106	105	103	101	99	98	101	96	90	89	87	93	92	86	88
Среднее по последним днем	84	79	72	68	68	72	80	87	89	90	94	93	94	92	93	93	93	93	93	93	92	96	95	92	87
Среднее по последним днем	47	54	51	52	56	71	73	91	98	116	127	124	115	111	104	105	105	97	69	63	52	84	84	60	65

ТомковаМихайлова

Подпись СидоренкоОбсерватория ИркутскМесяц Август 1982Среднемесечн. $D = -2^{\circ}22.2'$ Элемент Склонение $D = -2^{\circ}00.0'$ $\odot 0.53/\text{mm } D = -2^{\circ}31.3'$

Время роис- ход	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Средн суточн.
1	17.2	18.0	19.2	21.4	24.2	25.8	27.6	28.8	26.4	24.2	22.0	21.4	21.0	21.0	23.5	23.6	23.0	21.6	21.0	20.1	20.4	19.0	17.8	22.0
D 2	18.2	19.4	21.0	24.3	26.3	27.6	27.4	27.5	27.8	26.2	22.2	20.7	23.5	19.6	20.0	20.4	22.3	20.4	19.0	18.4	19.8	21.4	19.2	21.9
3	13.0	15.2	22.0	23.7	27.4	29.2	29.6	29.0	26.4	23.6	21.2	19.8	19.1	19.6	20.8	21.0	22.8	24.0	23.5	23.0	21.8	19.8	20.7	22.2
4	15.0	17.0	19.6	23.4	26.2	29.0	30.0	29.2	26.4	25.3	22.4	18.7	18.8	19.2	21.3	21.2	22.8	23.0	22.2	22.8	21.2	19.6	18.4	22.0
5	15.8	17.4	19.0	23.2	28.2	32.0	32.4	29.4	27.4	25.0	23.9	21.3	20.6	22.4	22.5	23.0	22.0	21.3	22.8	21.1	21.4	19.1	18.0	22.7
6	13.0	14.2	17.8	22.0	25.7	29.4	31.0	30.6	29.0	27.4	23.6	22.6	23.6	22.6	22.1	24.0	24.0	23.6	23.0	25.4	19.0	19.0	15.3	22.6
D 7	17.4	22.8	18.8	21.2	25.0	23.4	28.4	29.6	29.6	33.4	23.9	21.6	13.4	19.0	18.3	20.6	21.0	23.6	24.7	23.1	22.2	20.2	18.0	22.3
Q 8	13.8	15.0	16.8	20.2	24.6	29.0	30.6	30.2	29.0	27.6	25.0	23.0	22.5	22.2	23.2	23.6	23.7	23.0	22.3	22.0	21.5	20.2	17.0	22.5
9	13.0	13.0	16.2	20.4	24.0	26.5	28.0	28.8	29.0	28.0	25.2	24.4	23.6	23.1	22.4	23.2	21.9	21.6	19.7	22.1	19.4	21.3	21.8	22.3
D 10	15.8	15.4	21.7	21.4	25.2	29.4	30.8	31.0	29.8	27.6	25.8	23.3	22.0	23.0	23.2	19.8	20.2	23.2	22.7	22.5	20.8	19.6	18.8	23.0
11	15.4	12.4	16.1	18.4	22.6	26.5	29.2	30.1	28.4	25.6	22.2	22.6	23.1	20.2	19.7	22.0	20.1	19.0	19.2	21.3	22.1	20.6	19.6	21.4
12	15.4	15.4	16.6	21.5	23.4	25.2	27.6	29.8	29.6	27.4	23.2	22.6	22.1	19.3	18.0	20.5	21.2	22.4	21.6	22.0	26.4	22.0	22.4	22.2
13	17.0	15.7	18.3	20.6	24.1	25.4	26.2	27.0	26.6	26.0	24.0	20.4	19.6	21.8	22.4	23.6	23.2	23.2	23.7	23.6	23.2	22.0	19.0	22.3
Q 14	18.0	17.0	18.4	21.0	25.1	26.2	27.0	26.4	25.0	24.0	22.0	21.2	21.6	22.5	22.4	22.6	21.8	22.0	23.6	24.0	22.2	20.5	18.4	22.1
Q 15	15.2	15.8	17.0	20.8	26.0	29.0	29.6	29.0	27.4	25.4	23.6	22.0	22.4	22.4	23.2	22.6	22.8	22.5	22.5	22.2	21.8	21.3	18.1	22.4
Q 16	14.8	15.0	15.6	19.4	23.0	26.8	28.4	28.6	27.8	26.8	24.7	23.0	23.0	22.6	22.3	22.6	20.6	20.8	21.2	20.7	20.2	19.3	17.0	21.6
17	13.7	16.7	18.3	21.6	23.8	29.3	30.1	30.5	29.0	26.3	24.9	24.2	23.7	23.3	23.3	23.2	22.6	22.0	21.4	20.6	18.3	16.0	14.6	22.3
18	16.8	18.0	19.0	21.6	26.0	29.0	28.2	27.1	26.4	26.0	25.2	23.6	23.3	23.2	22.8	22.6	21.6	21.2	21.2	21.0	20.0	21.2	16.8	22.3
Q 19	13.3	13.3	16.6	20.0	25.2	29.2	29.8	28.8	28.0	26.2	24.4	23.3	23.6	23.5	23.6	23.0	22.4	22.5	22.8	20.0	21.1	18.8	16.0	22.1
20	11.2	14.8	23.2	22.4	25.4	28.0	29.0	27.3	26.2	25.2	24.0	23.5	21.7	20.0	23.2	23.2	23.4	22.4	20.7	20.6	21.2	19.6	16.4	21.9
21	14.8	16.3	21.2	27.5	28.0	27.2	26.4	27.2	26.0	25.3	24.0	23.2	22.8	23.6	22.4	21.2	22.4	22.1	21.4	20.3	20.1	18.0	16.5	22.2
22	14.0	16.3	22.4	23.4	24.5	26.0	26.6	26.0	26.0	25.5	24.5	23.2	23.5	21.3	21.6	19.2	23.0	23.0	21.0	20.0	19.5	17.0	16.0	21.6
23	15.8	17.4	21.2	24.2	27.0	28.6	28.6	29.0	25.7	24.8	23.0	23.5	24.2	24.2	23.0	24.0	22.0	19.5	19.0	21.0	20.1	19.2	18.4	22.6
24	16.5	19.0	21.4	24.6	28.0	30.0	29.8	29.0	27.1	25.4	24.2	23.0	23.0	22.2	20.6	18.6	19.5	21.3	21.0	22.2	21.4	18.8	17.4	22.5
25	15.2	15.5	18.6	21.4	26.0	30.0	30.1	28.5	28.5	27.6	22.4	22.0	23.0	23.6	21.4	22.4	22.6	20.8	20.4	20.4	21.6	20.0	20.7	22.6
26	15.0	12.4	15.4	18.7	22.4	25.1	26.8	26.2	26.2	25.0	24.0	22.2	15.0	17.0	21.2	21.6	21.8	21.6	21.2	20.7	20.6	20.2	18.6	20.0
27	19.0	16.6	16.7	19.6	23.1	26.0	28.0	27.8	27.1	25.5	24.0	22.4	22.3	22.0	22.3	21.7	21.3	21.3	20.2	21.6	21.3	20.0	18.4	21.9
28	15.4	15.0	17.2	21.2	24.2	26.4	27.5	27.2	26.4	25.0	23.4	22.2	23.5	24.4	24.2	22.4	21.6	19.6	19.6	20.2	21.5	20.3	19.4	22.5
D 29	14.4	16.8	20.0	22.6	26.0	27.4	28.0	27.3	23.6	18.6	24.2	20.7	18.0	20.3	21.4	22.2	20.2	24.0	20.5	21.0	20.4	22.0	13.2	21.6
D 30	18.8	19.0	23.6	25.8	30.8	30.0	29.6	28.1	28.0	26.4	21.2	21.0	21.4	23.1	21.4	19.4	22.0	20.0	20.5	22.0	24.2	22.5	20.4	20.6
31	18.0	17.8	20.6	24.3	26.2	27.1	28.8	27.0	25.3	24.2	22.6	21.7	20.2	21.5	22.0	21.2	20.6	22.0	22.0	22.0	22.6	21.4	18.4	22.3
Среднее по всем дням	15.5	16.2	19.0	22.0	25.4	27.7	28.7	28.5	27.3	25.8	23.6	22.2	21.6	21.7	21.9	21.9	21.9	21.9	21.5	21.5	21.3	20.0	18.9	16.6
Среднее по спец. зм. 1	15.0	15.2	16.9	20.3	24.8	28.0	29.1	28.6	27.4	26.0	23.9	22.5	22.6	22.6	22.9	22.9	22.3	22.1	22.5	21.8	21.4	20.0	17.3	15.3
Среднее по спец. зм. 2	16.9	18.7	21.0	23.1	26.7	27.6	28.8	28.7	27.8	26.4	23.5	21.5	19.7	21.0	20.9	20.5	21.1	22.2	21.4	21.4	22.1	21.1	18.9	16.8

Малышева

Михаленкова

Ведомство СибИЗМЦР
Обсерватория Иркутск
Месяц август Год 1982

Среднемес. 19491⁸

Элемент Горизонтальная составляющая

H = 19420^d

СН = 32¹ ми H = 19434^d

Время роис чис	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	19	20	21	22	23	Средн суточн.				
1	56	39	32	36	41	52	58	66	77	80	73	70	68	67	82	88	91	88	90	81	87	92	90	86	70
D 2	70	64	59	54	48	54	78	92	96	88	92	54	60	61	68	58	76	74	76	78	66	52	68	60	69
3	40	19	10	13	26	44	57	66	78	74	82	72	80	72	80	72	83	88	85	76	76	76	72	62	63
4	58	40	26	20	35	50	66	80	86	92	96	70	86	88	88	94	90	97	102	91	88	86	94	91	76
5	74	60	50	40	38	56	78	91	76	74	66	76	79	83	90	89	86	83	86	88	91	90	88	90	76
6	70	48	28	32	47	58	73	90	96	92	78	78	80	94	94	98	110	114	111	124	108	116	98	86	84
D 7	68	42	46	10	-30	-50	-70	-72	14	42	0	14	26	10	34	48	10	25	31	38	31	29	26	19	14
Q 8	10	-3	-14	-14	-4	10	28	42	57	64	74	82	84	84	87	85	88	90	86	94	85	88	89	81	57
9	58	34	20	18	22	30	42	48	53	46	60	74	74	74	74	90	74	85	85	86	80	78	70	72	60
D 10	46	10	-4	11	12	19	32	62	56	58	60	61	74	72	78	80	94	76	79	86	72	70	60	57	55
11	50	42	18	24	30	32	50	80	92	78	78	62	74	80	75	70	50	48	58	60	62	64	60	48	58
12	36	28	22	12	16	27	20	56	59	77	88	54	62	62	84	60	58	64	62	56	66	66	68	64	53
13	56	41	28	9	16	32	46	56	72	59	65	72	72	76	72	78	82	80	80	80	79	82	82	72	62
Q 14	60	44	32	34	38	48	58	70	76	72	80	82	82	86	88	90	81	79	95	90	85	83	83	72	71
Q 15	62	44	32	22	26	44	68	82	92	94	92	88	85	88	89	88	89	89	92	94	94	88	85	80	75
Q 16	70	59	48	48	51	56	76	95	104	108	102	98	98	98	100	104	96	92	99	96	92	98	86	86	86
17	70	68	54	48	58	38	54	83	79	88	88	88	92	99	95	97	99	99	100	98	92	80	76	82	80
18	85	75	68	70	56	50	72	78	86	90	91	91	96	86	91	86	86	102	88	88	83	90	88	76	82
Q 19	62	52	44	42	40	54	74	98	102	96	100	97	98	98	104	102	98	102	110	102	92	86	83	76	84
20	58	42	42	48	60	76	86	95	102	92	98	100	104	88	98	98	102	110	96	88	86	88	85	70	84
21	62	46	28	54	55	72	82	85	90	94	94	96	99	99	100	110	86	88	92	90	92	83	88	82	82
22	58	40	51	56	74	86	92	99	106	94	92	97	88	85	96	98	84	94	92	88	88	78	82	74	83
23	50	44	46	47	62	69	88	98	86	100	96	92	94	98	91	103	113	92	78	90	80	80	73	75	81
24	60	40	50	60	62	54	51	74	76	88	94	88	92	90	100	98	85	88	90	88	90	86	86	84	78
25	72	46	40	40	54	66	56	92	104	100	82	86	78	88	88	90	94	94	85	80	86	88	82	78	78
26	75	52	43	42	52	70	68	89	93	92	98	98	69	60	70	90	94	96	93	93	98	94	88	74	79
27	76	72	64	52	52	64	80	86	90	100	97	92	95	96	102	98	96	96	98	98	95	92	92	88	86
28	76	62	54	54	60	72	88	98	96	106	102	90	93	100	108	110	115	123	106	97	97	90	94	84	91
D 29	74	56	45	34	32	64	68	64	68	70	60	46	42	56	62	66	74	74	70	80	80	76	76	66	63
D 30	48	44	46	28	24	44	42	34	54	63	50	54	56	74	66	74	76	82	78	76	82	76	62	52	58
31	38	34	24	30	37	52	64	53	76	82	81	78	83	80	74	82	94	83	86	91	91	85	78	68	69
Среднее по всем дням	60	45	37	35	38	48	59	72	80	82	81	77	79	80	85	87	86	87	86	86	84	82	79	73	71
Среднее по сп. дням	53	39	28	26	30	42	61	77	86	87	90	89	89	91	94	94	90	90	96	95	90	89	85	79	75
Среднее по больш. дням	61	43	38	27	17	26	30	36	58	64	52	46	52	55	62	65	66	66	67	72	66	61	58	51	52

Михаленкова

Бизикова

Подг. к. в. о. Сибирский
 Обсерватория Циркуляр
 Месяц август Год 1982

Среднемес. $Z = 568948$

Элемент Вертикальная составляющая

$Z = 568108$

$EZ = 2.5\% Z = 568198$

Время наблюдения	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Средн. суточн.		
1	88	85	84	83	79	79	78	80	90	98	98	97	95	94	90	90	88	88	87	86	88	86	88	88		
2 D	76	73	73	76	74	71	74	79	83	89	118	116	104	102	102	99	98	93	84	82	85	84	78	80	87	
3	81	74	71	76	76	73	76	83	91	103	109	110	104	97	97	94	94	90	82	85	88	92	90	86	88	
4	84	84	80	71	71	73	77	85	91	92	94	92	92	88	90	88	87	87	83	83	87	92	93	91	86	
5	88	85	79	77	78	86	89	92	98	107	103	100	94	90	90	90	90	88	88	88	90	93	90	85	90	
6	79	74	71	70	70	71	76	78	84	92	98	97	88	88	88	88	89	87	87	80	80	87	86	85	83	
7 D	77	70	61	59	63	73	95	108	109	118	153	154	122	122	119	98	99	103	103	103	104	105	104	101	101	
8 Q	102	99	88	78	74	68	74	78	86	92	97	98	95	90	89	88	90	90	90	90	90	95	95	92	89	
9	90	88	81	79	78	80	83	92	95	96	98	95	94	94	93	94	92	92	89	86	82	83	84	85	88	
10 D	88	82	77	77	74	78	83	90	102	108	109	108	101	95	94	93	88	84	89	87	87	94	91	87	90	
11	82	81	74	75	75	78	79	84	90	100	108	102	96	96	93	92	87	84	78	83	88	93	93	90	88	
12	85	83	79	78	78	78	85	98	94	93	106	107	99	98	93	91	91	92	89	88	90	92	90	90	90	
13	88	88	87	86	92	90	92	95	97	97	97	101	98	92	90	92	90	88	89	90	90	90	92	90	92	
14 Q	90	90	83	76	71	70	80	88	89	86	89	89	86	86	86	87	87	89	88	84	85	88	93	90	85	
15 Q	87	86	78	76	73	77	78	83	86	87	89	89	87	87	87	87	85	85	85	86	86	88	92	88	85	
16 Q	87	84	82	78	76	78	83	87	87	87	87	85	85	85	85	84	84	85	85	85	84	82	79	83	84	
17	78	77	75	70	64	68	74	81	81	84	85	84	81	83	83	84	84	85	84	84	82	81	85	79	80	
18	76	71	64	59	57	60	68	74	80	85	85	84	83	83	85	85	86	85	79	81	82	84	87	87	78	
19 Q	83	78	71	64	62	64	69	72	75	82	84	82	80	80	82	82	82	83	82	77	80	83	85	84	78	
20	80	78	71	67	70	67	68	73	76	79	80	79	82	82	83	82	82	82	78	80	82	82	82	80	78	
21	80	75	65	65	64	69	70	72	77	80	80	80	80	80	80	79	78	80	80	80	80	81	85	83	77	
22	79	76	71	69	69	67	71	77	82	79	80	84	85	85	84	85	82	82	82	82	82	82	81	85	81	79
23	78	73	65	61	68	72	78	80	83	83	80	78	78	80	82	82	75	76	78	78	79	80	78	78	77	
24	78	75	67	59	58	67	71	75	77	79	82	81	82	84	82	80	80	82	81	80	78	81	83	80	77	
25	80	78	76	67	60	60	68	76	78	84	90	88	87	85	85	85	83	80	78	81	80	81	81	82	79	
26	82	75	72	67	65	67	68	75	80	80	81	84	88	89	90	88	82	82	83	83	83	83	82	83	80	
27	84	81	75	68	70	71	73	78	83	85	84	84	82	80	82	77	79	79	78	78	76	78	81	82	79	
28	80	74	67	66	68	69	69	76	79	81	82	80	78	78	78	78	78	78	79	79	78	73	73	71	76	
29 D	71	68	68	65	65	65	65	72	85	97	103	107	105	95	92	91	87	84	84	85	83	84	84	81	83	
30 D	74	68	66	65	68	75	78	83	84	96	103	99	97	93	93	88	88	87	84	85	83	85	85	85	84	
31	81	74	67	70	72	74	78	86	90	86	88	88	88	88	88	88	84	85	85	85	81	80	80	79	82	
Среднее по всем дням	82	79	74	71	70	72	76	82	87	90	95	94	91	89	89	87	86	86	84	84	84	86	86	86	85	84
Среднее по сн. 4 дн.	90	87	80	74	71	71	77	82	85	87	89	89	87	86	86	86	86	86	86	84	85	87	89	87	84	
Среднее по 6 дн.	77	72	69	68	69	72	79	86	93	102	117	117	106	101	100	94	92	90	89	88	88	90	88	87	89	

Михаилова

Бизюкова

Ведомство СибИЗМИРСреднемесечн. Т: 60139⁸Элемент Толкый векторОбсерватория ЦиркутскМесяц август Год 1982Т = 60050⁸ЕТ = 2.94⁴ Т = 60066⁸

Время розове дня	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	19	20	21	22	23	Средн суточн.	
1	91	85	82	81	79	79	80	84	97	106	105	102	100	100	98	98	100	100	96	100	96	94	94
2 D	83	78	76	76	74	73	82	87	94	98	101	117	108	104	109	100	105	100	90	90	84	85	91
3	82	68	64	66	70	71	75	86	97	108	116	116	114	102	105	98	103	100	90	93	95	100	92
4	86	83	76	64	68	73	81	93	98	101	104	100	103	100	101	100	97	98	95	93	97	101	92
5	96	86	82	74	75	87	96	101	105	113	108	108	102	99	101	100	98	94	99	99	101	103	97
6	86	75	66	66	70	72	82	86	94	102	105	103	96	100	98	100	103	103	100	98	96	104	92
7 D	80	71	60	49	45	51	65	80	100	116	122	132	124	124	115	100	90	100	100	101	101	102	93
8 Q	94	86	76	64	62	58	68	79	90	95	103	108	104	101	98	98	100	101	100	101	105	107	92
9	95	87	76	73	71	76	82	94	95	96	102	100	100	101	100	103	100	101	99	96	90	90	92
10 D	90	76	66	70	66	73	79	93	105	110	112	100	108	102	102	102	100	92	99	95	93	100	92
11	86	82	70	70	71	73	78	92	102	108	116	105	102	104	102	100	88	84	82	86	93	100	91
12	84	80	74	70	70	73	79	101	95	98	116	110	103	101	104	95	93	95	93	92	94	95	92
13	90	86	83	79	84	84	92	97	103	98	104	108	104	100	97	100	99	95	98	98	98	101	96
14 Q	95	90	80	73	68	70	82	93	96	90	98	98	95	95	98	98	95	96	100	93	93	98	91
15 Q	93	86	76	70	68	74	82	90	95	98	100	100	95	95	96	96	96	96	95	95	95	94	91
16 Q	94	86	83	79	74	79	88	99	98	102	100	95	95	95	96	96	96	95	95	95	95	88	92
17	84	83	75	70	66	64	76	86	86	93	95	94	90	95	96	96	96	95	96	96	93	90	87
18	86	77	68	64	58	60	73	82	86	95	96	95	93	94	96	96	96	98	86	90	90	91	86
19 Q	86	80	70	64	61	64	74	83	87	90	96	93	92	93	95	95	95	96	96	90	90	93	86
20	84	79	71	66	72	72	76	84	86	90	92	92	96	93	94	95	95	96	90	90	90	93	86
21	84	76	61	68	66	74	79	81	88	93	93	93	93	93	93	94	86	90	90	90	92	90	86
22	83	75	73	72	76	76	82	86	96	90	90	96	95	95	98	97	90	95	92	92	90	90	88
23	80	72	68	60	71	75	86	93	93	95	93	90	88	93	93	96	90	87	86	90	84	86	85
24	81	74	66	61	60	68	71	80	81	86	93	90	93	95	95	93	88	93	90	90	90	92	84
25	86	78	76	66	60	64	70	86	92	95	98	98	95	95	95	96	95	92	88	90	89	92	86
26	90	80	76	70	68	71	72	84	89	90	92	95	95	93	95	98	92	95	90	90	86	86	88
27	90	86	80	70	72	76	80	86	93	95	95	92	93	92	95	86	90	90	90	86	86	86	87
28	86	78	68	68	72	74	78	86	90	95	95	90	88	90	92	92	95	97	92	90	88	83	86
29 D	80	70	69	61	60	70	69	75	90	103	106	107	104	95	95	95	95	90	90	92	90	90	86
30 D	75	68	63	58	61	72	75	78	84	100	104	100	100	100	98	96	95	98	92	92	90	92	86
31	77	71	62	68	70	76	83	86	97	95	95	95	98	96	95	97	95	93	95	95	90	86	87
Среднее по всем дням	86	79	72	68	68	72	79	87	94	98	101	101	99	98	98	97	95	95	94	93	93	94	91
среднее по сн. части	92	86	77	70	67	69	74	89	93	95	99	99	96	96	97	97	96	97	97	95	95	97	90
среднее по южн. части	82	73	67	63	61	68	74	83	95	105	109	111	109	105	104	99	97	96	94	94	93	94	88

МенделееваБизюков

Ведомство СибИЗНИИРСреднемесяч. $D = -2.22.2$ Элемент СклонениеОбсерватория ЦиркутскМесяц сентябрь год 1982 $D = -2^{\circ}00'00''$ $E_D = 0.53 \text{ мин}$ $D = -2^{\circ}31.3$

Время роис- сия	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Средн суточн.	
Q 1	17.4	18.2	20.6	23.6	26.4	27.6	28.0	27.6	27.0	24.8	23.2	22.6	21.0	20.4	21.8	22.9	22.0	21.4	20.1	20.6	20.1	19.8	18.0	17.0	22.5
2	17.8	19.3	23.0	25.9	26.4	26.8	27.0	25.6	26.0	24.6	22.8	18.5	20.1	20.8	21.5	22.9	22.9	22.7	21.6	20.4	22.4	20.8	18.4	16.2	22.3
3	15.7	15.8	18.7	24.2	26.8	28.0	28.4	28.0	27.5	26.7	23.2	18.5	22.8	22.5	21.4	21.4	22.2	23.5	23.4	21.6	21.4	22.8	20.1	17.6	22.6
4	16.8	17.5	22.0	25.8	29.6	29.8	30.0	30.0	28.9	25.0	19.8	20.4	16.6	17.2	18.1	20.7	22.2	20.4	22.8	22.8	23.4	23.0	21.5	23.2	22.8
5	18.3	23.6	22.6	26.0	28.0	29.6	27.4	26.0	25.4	22.9	19.4	21.2	20.6	20.0	18.4	18.5	21.0	22.6	22.4	22.0	21.8	25.2	24.0	21.8	22.9
D 6	23.2	25.0	21.2	21.6	34.0	35.4	27.6	24.5	28.4	29.2	25.4	20.7	14.3	15.0	11.0	10.0	7.4	16.6	17.7	14.5	18.1	16.0	18.8	22.8	20.8
D 7	21.0	28.0	32.2	28.9	31.1	32.2	30.4	27.5	24.6	20.0	18.0	14.4	15.2	16.4	23.6	21.0	14.5	17.6	24.1	18.3	19.6	19.0	17.2	18.2	22.2
8	15.1	15.3	16.8	19.8	23.2	26.8	28.6	28.4	27.4	24.8	23.2	23.2	23.5	23.5	23.3	22.8	22.4	21.6	21.0	20.3	20.1	19.7	18.6	17.8	22.0
9	15.6	10.1	14.5	18.0	22.0	24.4	26.8	29.2	30.0	26.6	26.4	24.8	21.2	24.6	21.8	20.6	21.3	23.8	23.4	21.7	26.0	21.6	18.6	16.6	22.1
Q 10	14.6	14.7	16.4	20.3	23.6	26.0	27.2	27.3	26.0	24.0	23.0	23.0	23.0	22.4	23.2	22.8	21.2	20.4	20.8	20.8	20.6	20.6	20.0	19.4	21.7
11	18.8	19.1	20.2	22.6	25.8	27.8	28.9	28.0	27.0	25.7	24.2	25.2	20.3	21.4	22.0	22.0	20.8	22.6	19.8	21.2	20.5	21.4	20.7	19.8	22.7
12	19.2	18.8	20.0	22.1	25.0	28.2	28.5	28.6	27.0	25.2	24.0	23.4	22.9	22.6	28.6	28.2	21.7	21.5	21.6	21.0	20.7	19.2	19.0	16.7	22.6
13	19.5	18.0	20.6	21.7	22.9	25.7	28.0	28.5	27.6	25.8	23.4	22.8	23.3	22.8	22.0	17.2	21.8	22.0	21.2	21.3	20.7	21.6	20.0	18.5	22.4
14	17.4	16.7	18.2	20.4	24.5	27.2	26.5	26.6	26.4	24.0	23.2	23.1	23.2	22.8	22.3	22.0	22.2	21.4	18.0	18.5	18.3	22.0	19.5	17.2	21.7
15	16.0	16.2	18.0	20.6	23.1	26.0	28.0	26.2	26.0	24.0	23.2	23.2	23.3	23.1	22.6	22.0	20.8	20.7	20.4	19.2	19.4	19.4	20.4	20.4	21.8
16	17.5	18.8	19.8	21.3	23.1	25.8	28.5	27.5	27.5	26.4	25.2	24.8	24.2	24.0	23.3	23.1	21.5	21.0	20.8	19.0	17.6	18.3	18.0	19.6	22.4
Q 17	17.4	18.0	19.0	21.3	24.1	26.6	28.2	28.4	28.6	24.8	26.1	24.8	23.6	23.6	23.2	22.2	22.0	20.4	20.0	20.0	20.2	20.2	19.7	18.6	22.5
18	16.7	21.5	22.0	24.6	26.5	26.8	26.4	28.7	26.0	24.2	24.4	24.5	24.4	24.1	24.1	22.2	21.0	21.3	19.1	16.2	8.8	18.0	18.3	17.2	22.0
19	16.8	17.2	18.0	21.2	25.0	28.1	28.6	27.2	26.3	27.2	28.0	25.2	24.3	23.0	19.5	19.4	20.7	20.6	18.4	13.3	14.9	17.4	20.1	20.0	21.7
20	18.0	16.7	17.3	19.0	21.2	25.5	29.5	27.8	27.3	28.2	25.6	19.4	21.0	22.7	21.4	21.2	21.2	22.2	20.7	20.6	21.0	22.7	25.8	24.1	22.5
D 21	21.7	18.0	18.2	20.2	27.2	25.2	28.0	31.0	29.0	29.3	29.0	27.2	19.0	23.0	23.5	20.7	19.2	18.4	22.0	22.8	23.1	27.4	27.2	28.7	24.1
D 22	24.5	23.4	31.6	23.0	32.2	26.6	27.2	30.4	20.8	12.8	15.0	3.2	20.2	22.0	23.6	25.0	19.6	22.4	25.1	23.2	21.4	22.6	22.2	19.5	22.4
23	18.6	19.4	22.0	24.0	26.8	29.4	30.2	30.2	29.6	26.4	24.9	25.2	23.8	23.1	20.6	18.4	20.2	20.0	19.7	22.8	23.2	19.0	20.0	18.2	23.2
24	18.8	17.4	18.3	20.4	23.6	27.2	28.9	27.4	26.0	24.1	24.2	20.7	20.2	22.2	15.8	19.8	20.2	21.4	21.6	21.4	21.3	21.0	21.4	20.8	21.8
25	18.0	16.0	16.2	19.2	23.6	27.3	28.9	29.4	27.1	26.0	24.9	24.7	23.8	21.6	22.9	22.3	22.0	21.4	14.3	19.1	19.0	18.6	18.4	18.2	21.8
D 26	17.8	16.2	17.0	19.0	24.1	26.8	27.5	27.8	26.0	25.0	22.2	18.2	15.6	8.6	11.2	10.4	6.2	9.6	9.4	13.0	23.2	24.6	23.2	29.8	18.9
27	24.2	24.4	24.2	24.4	25.4	27.2	27.3	27.5	27.1	23.4	22.2	23.4	23.6	22.8	24.0	22.6	20.5	24.4	19.8	21.1	22.1	21.4	20.6	22.0	23.6
28	20.8	20.0	19.8	20.8	23.2	25.2	27.0	27.6	27.2	26.4	25.2	24.6	24.4	23.6	23.3	23.0	22.4	21.7	20.2	20.6	20.4	20.2	20.2	20.2	22.8
Q 29	19.2	17.7	18.4	19.6	20.4	23.0	26.3	27.6	27.0	26.2	25.6	24.2	23.4	23.2	22.3	22.2	21.8	21.8	23.2	23.4	22.2	22.0	21.6	20.6	22.6
Q 30	19.4	18.0	18.2	19.0	21.5	23.8	26.2	27.3	28.0	26.8	27.6	27.2	25.7	23.2	21.3	18.4	18.8	20.6	18.8	17.4	22.4	24.1	21.0	20.1	22.3
31																									
Среднее по всем дням	18.5	18.6	20.2	22.0	25.3	27.2	28.0	27.9	27.0	25.0	23.7	22.1	21.6	21.5	21.2	20.9	20.1	20.9	20.4	19.9	20.5	21.0	20.4	20.0	22.2
Среднее по суточн. дням	17.6	17.3	18.5	20.8	23.2	25.4	27.2	27.6	27.3	25.3	25.1	24.4	23.3	22.6	22.4	23.1	21.2	20.9	20.6	20.4	21.1	21.3	20.1	19.1	22.3
Среднее по суточн. дням	21.6	22.1	24.0	22.5	29.7	29.2	28.1	28.2	25.8	23.3	21.9	16.7	16.9	17.0	12.6	11.4	13.4	16.9	19.7	18.4	21.1	21.9	21.7	23.8	21.7

С.М.Халенова

Торжков

Ведомство СибУЗМЦР
 Обсерватория Цркутск
 Месяц Сентябрь Год 1982

Среднемесечн. $H = 19466^{\circ}$

Элемент Горизонтальная составляющая

$H = 19420^{\circ}$

$E_H = 3.2/\text{мм}$ $H = 19433^{\circ}$

Время роис Час	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Средн суточн.	
Q 1	52	37	30	27	42	62	80	82	94	98	92	92	82	77	84	98	98	94	96	90	88	86	84	77	76
2	56	44	26	34	50	64	74	62	68	86	77	81	84	76	82	92	98	97	92	90	98	90	76	68	74
3	59	40	28	20	21	38	61	66	66	87	47	46	45	70	68	66	76	90	84	88	80	90	73	68	62
4	46	26	16	8	22	51	58	78	90	76	58	32	34	46	44	42	50	68	59	66	62	64	71	64	51
5	56	34	29	19	8	28	31	38	60	43	48	53	48	68	40	50	48	64	69	68	70	64	76	96	50
D 6	20	-20	-107	-127	-141	-20	-56	-81	-52	-42	-29	-96	-61	-100	-96	-146	-142	-125	-106	-125	-64	-53	-36	-60	-78
D 7	-106	-114	-122	-100	-97	-50	-12	-6	12	-22	-20	-17	0	16	8	0	40	2	-12	-8	-4	-3	-7	-8	-26
8	0	2	-6	-9	-9	0	15	33	50	52	42	50	56	61	66	68	70	65	62	60	60	54	54	68	40
9	76	80	50	25	15	35	54	54	84	59	89	74	60	66	60	66	74	82	77	70	62	66	68	50	62
Q 10	30	14	8	16	28	46	60	72	78	78	72	70	72	73	73	78	72	66	68	72	70	70	67	66	59
11	58	46	37	39	47	56	73	84	84	78	72	56	63	61	60	72	72	88	68	76	72	66	66	59	65
12	50	48	42	34	34	51	77	85	84	80	77	76	75	75	76	82	76	78	79	76	98	76	79	63	70
13	46	18	24	13	18	27	42	58	72	70	72	60	66	65	67	68	63	70	68	68	64	64	65	58	54
14	51	40	32	34	24	42	80	90	86	69	74	72	75	76	74	74	75	88	76	84	48	64	67	62	65
15	46	33	22	24	26	32	62	75	84	78	82	80	82	84	88	80	76	76	84	80	80	75	72	74	66
16	61	53	56	56	60	70	82	75	92	94	82	84	90	81	79	88	88	87	88	88	72	70	70	78	77
Q 17	68	65	52	48	46	64	74	94	86	68	40	57	66	65	67	65	69	58	60	64	74	74	74	70	65
18	54	39	42	20	42	56	66	74	66	78	76	77	76	81	60	68	72	78	76	73	36	30	35	35	59
19	36	24	16	20	34	37	43	60	72	70	56	66	72	71	53	56	66	78	82	65	60	58	54	51	54
20	46	42	30	26	30	40	44	38	46	54	61	68	73	68	92	68	68	84	78	82	75	72	68	74	59
D 21	82	62	38	18	18	58	64	62	46	59	63	74	50	55	62	68	84	78	73	107	84	123	88	78	66
D 22	47	-2	-64	-100	-154	-118	-167	-100	-61	-90	-120	-42	-51	-7	48	12	2	16	22	10	30	10	4	2	-36
23	0	-28	-36	-14	-30	-20	9	30	42	41	32	48	60	57	58	62	54	44	42	58	56	42	27	32	28
24	30	24	18	26	54	63	33	44	76	74	66	52	66	50	80	50	52	56	59	58	62	60	60	62	53
25	56	46	34	26	26	44	62	72	71	71	66	75	77	78	74	76	82	96	104	68	74	86	94	88	69
D 26	78	72	59	48	46	55	60	52	46	34	24	-10	-16	-22	-91	-98	-116	-88	-56	-26	-40	-4	2	-38	-1
27	-32	-38	-40	-46	-48	-36	-28	-3	0	-2	25	30	36	47	64	56	76	59	56	42	50	58	63	50	18
28	42	36	16	14	14	30	32	46	58	66	66	68	70	70	70	72	68	75	72	72	73	78	80	78	57
Q 29	64	45	35	33	41	53	52	57	52	54	54	43	31	46	65	66	66	68	79	73	72	68	70	70	57
Q 30	64	56	48	43	40	45	50	62	68	50	52	46	34	32	51	56	58	62	58	50	63	82	58	62	54
31																									
Среднее по всем дням	41	27	14	9	10	30	39	48	57	57	50	49	50	53	54	52	54	58	159	58	58	59	57	53	46
Среднее по эп. дн.	56	43	35	33	39	54	63	73	76	72	62	62	57	59	68	73	71	70	72	70	73	76	71	69	62
Среднее по вс. дн.	24	0	-39	-52	-66	-15	-22	-15	-2	-12	-16	-18	-16	-13	-14	-33	-26	-23	-16	-8	1	15	10	-5	-15

Малаявская

Бонкова

Ведомство СибИЗМИРСреднемесечн. $Z = 56902^{\circ}$ Элемент Вертикальная составляющаяОбсерватория ИркутскМесяц сентябрь Год 1982 $Z = 56810^{\circ}$ $EZ = 2.5\% \text{ из } Z = 56819^{\circ}$

Время роис чис	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Средн суточн.
Q 1	77	73	67	64	70	77	81	85	85	86	86	85	85	86	87	82	83	83	81	82	83	85	85	81
2	84	81	75	68	70	74	76	80	84	87	87	88	87	85	87	86	84	84	84	83	83	80	83	82
3	82	75	69	65	63	69	73	78	81	90	96	101	98	95	92	91	90	86	84	84	84	85	86	83
4	83	80	80	83	93	97	93	88	82	90	104	104	105	101	97	95	94	88	87	89	87	88	87	91
5	80	74	73	73	73	85	88	97	100	109	110	105	102	95	93	90	92	92	91	90	90	85	82	89
D 6	64	58	59	64	82	97	113	152	166	220	317	322	288	180	143	149	156	140	114	120	109	99	91	141
D 7	76	83	88	100	110	117	113	110	126	138	143	156	139	127	116	113	109	92	74	85	100	106	109	110
8	105	101	99	98	96	100	99	97	97	101	105	101	102	102	102	100	98	98	98	97	97	96	99	99
9	98	95	88	88	90	90	86	89	97	97	102	101	103	100	100	98	100	96	87	88	83	87	92	94
Q 10	94	93	85	84	86	86	88	90	86	85	88	90	91	91	91	91	91	92	92	91	91	92	92	90
11	91	88	87	88	88	84	82	82	85	88	93	93	95	96	96	95	93	84	87	88	89	90	91	89
12	92	89	85	85	83	81	82	84	87	89	89	88	88	88	88	90	90	89	89	89	86	86	89	87
13	88	89	78	72	76	73	78	84	88	93	94	93	91	90	92	90	90	90	90	90	90	90	91	87
14	94	93	88	85	80	82	84	85	88	90	90	87	88	88	89	89	90	90	87	80	82	88	91	88
15	94	90	88	83	83	88	88	90	90	90	88	88	88	88	88	88	91	91	90	88	87	86	86	88
16	86	83	81	78	75	77	80	83	85	82	84	85	87	87	87	88	88	88	88	84	83	86	88	84
Q 17	86	87	87	83	77	73	76	83	88	100	97	93	91	89	89	90	91	91	91	91	90	88	88	88
18	86	87	87	83	82	78	79	82	84	89	86	87	88	89	94	98	95	94	92	87	69	75	81	86
19	88	91	88	83	73	65	63	71	77	85	91	90	90	93	99	98	97	92	87	82	82	84	85	85
20	87	86	84	79	77	76	80	83	86	91	96	97	93	93	89	85	91	88	88	86	86	85	78	86
D 21	78	78	76	72	70	73	70	71	82	88	92	93	106	103	100	97	93	91	87	74	72	65	50	81
D 22	62	62	65	72	79	104	141	151	180	216	214	166	152	142	106	92	95	97	85	90	89	88	95	114
23	88	90	87	82	77	73	79	92	95	97	98	98	98	97	97	87	93	94	93	93	92	90	90	91
24	101	99	98	97	86	83	82	85	89	100	105	107	103	101	100	97	97	97	98	96	88	87	87	95
25	96	94	90	85	79	80	84	89	93	97	92	93	92	90	90	90	90	92	86	81	87	88	88	89
D 26	87	85	80	76	77	78	80	84	93	102	105	118	124	101	105	99	89	93	97	78	88	96	94	92
27	87	88	84	91	94	90	95	102	106	113	113	109	105	104	99	100	95	85	88	90	93	93	92	96
28	88	86	82	82	83	83	88	93	97	101	98	97	95	94	94	94	94	94	92	92	92	91	88	91
Q 29	91	93	94	93	87	83	82	85	92	95	97	98	100	101	98	96	94	93	89	87	87	88	90	92
Q 30	93	93	87	86	85	84	83	85	92	97	97	98	105	105	103	99	97	96	93	91	94	88	83	93
31																								
Среднее по всем дням	87	85	83	81	81	83	86	91	96	104	109	108	106	100	97	95	95	93	90	88	88	88	88	88
Среднее по сн. дням	88	88	84	82	81	81	82	86	89	93	93	93	94	94	94	92	91	91	89	88	89	88	88	89
Среднее по всн. дням	73	73	74	77	84	94	103	114	129	153	174	171	162	151	114	110	108	103	91	90	92	91	88	86

МихайловаПоловцов

Среднемесечн. $T = 60142^{\circ}$

Ведомство СибИЗМИР
 Обсерватория Иркутск
 Месяц сентябрь Год 1982

Элемент Большой вектор

$T = 60050^{\circ}$

$ET = 2.94/мл T = 60068^{\circ}$

Время роизв. Тис	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Средн. суточн.	
Q 1	80	75	66	64	72	82	89	95	97	100	101	100	96	95	98	95	95	96	96	95	95	94	98	96	90
2	88	83	72	68	72	80	84	86	90	98	97	98	98	95	97	97	98	98	96	95	97	92	90	90	90
3	88	76	67	60	59	70	78	84	86	102	100	104	100	103	100	97	97	98	95	97	95	98	94	94	89
4	86	78	74	76	90	100	96	94	92	100	108	103	103	104	100	97	98	94	92	95	92	95	95	86	94
5	85	76	72	70	67	82	87	98	104	110	114	108	105	103	95	92	95	98	98	96	97	88	90	86	92
D 6	59	40	27	26	37	82	90	□	□	□	□	□	□	□	90	104	111	105	82	83	87	79	74	54	72
D 7	42	47	50	68	76	94	101	100	120	120	120	125	114	120	110	105	110	84	62	78	90	98	161	98	93
8	98	92	90	88	86	86	92	96	100	105	103	103	105	105	106	106	107	105	103	103	103	100	163	106	97
9	108	107	92	87	85	88	90	92	106	100	114	110	107	107	105	105	108	105	98	95	89	95	101	101	100
Q 10	94	90	80	80	84	85	92	98	95	94	98	98	97	97	99	101	100	100	100	100	99	99	99	100	95
11	97	92	85	88	88	86	90	92	95	97	101	96	100	100	102	103	102	94	95	98	98	97	98	97	95
12	95	92	86	84	81	84	89	95	96	98	98	97	97	97	98	100	97	97	97	97	101	95	99	96	94
13	88	85	75	67	72	70	77	88	96	97	102	100	97	97	97	99	96	98	97	94	94	94	98	97	91
14	97	94	86	83	74	83	92	96	98	97	97	95	95	96	97	97	98	101	96	91	82	92	98	100	93
15	97	88	84	81	80	86	92	98	101	100	98	98	100	97	100	98	100	100	101	98	98	95	95	96	95
16	92	88	87	82	81	85	90	92	100	95	95	96	100	98	98	100	100	101	100	97	90	95	97	97	94
Q 17	95	96	90	85	77	77	84	97	100	106	100	98	97	95	97	98	99	97	98	97	100	97	98	98	95
18	88	88	88	78	84	82	85	90	92	100	95	94	97	100	100	103	103	103	100	94	70	73	81	86	91
19	88	88	84	78	73	63	66	76	85	92	95	94	98	101	103	103	104	102	100	88	88	88	88	91	89
20	88	88	84	78	75	76	81	84	88	96	100	107	102	101	102	92	100	97	97	97	96	95	85	88	92
D 21	88	84	77	69	58	78	76	77	83	92	97	102	108	106	107	103	105	101	94	95	84	84	60	70	87
D 22	64	53	40	41	32	68	92	112	□	□	□	□	120	118	106	86	88	88	81	85	88	82	86	95	81
23	92	84	80	83	66	78	74	82	90	98	103	106	105	105	105	102	102	98	100	100	92	86	84	89	92
24	86	85	82	83	79	78	74	92	104	103	102	100	103	100	105	108	97	97	98	97	97	94	95	100	94
25	102	96	90	82	75	80	88	97	100	103	98	102	102	101	98	100	102	105	101	88	96	100	99	99	96
D 26	97	92	85	78	78	81	83	86	95	100	100	105	110	83	75	70	54	66	76	70	74	86	86	63	83
27	68	68	66	72	72	74	80	88	94	103	110	105	104	105	103	103	103	88	92	88	95	97	98	92	90
28	88	85	76	74	76	80	87	95	100	106	103	103	100	100	101	100	101	102	101	101	100	101	97	97	95
Q 29	97	95	93	93	88	86	86	90	92	98	102	98	98	104	104	102	101	101	99	95	95	95	97	97	96
Q 30	97	96	90	87	85	85	85	88	100	102	100	100	103	103	105	105	101	101	98	95	100	98	86	95	96
31																									
Среднее по всем дням	88	83	77	75	74	81	86	92	96	100	102	102	102	101	100	99	99	97	95	93	93	93	92	92	92
среднее по Си. дням	93	90	84	82	81	83	87	94	97	100	100	99	98	99	101	100	99	99	98	96	98	97	96	97	94
среднее по безв. дням	70	63	56	56	56	81	88	94	99	104	106	111	113	107	98	94	94	89	79	82	85	86	81	76	83

Михаленкова

Тюмаевская

Среднемес. $D = -2^{\circ}22.2'$ Ведомство СибУЗНИИРОбсерватория ЦиркутскМесяц Октябрь Год 1982Элемент Склонение $D = -2^{\circ}00'0''$ $E_D = 0.53''/мм D = -2^{\circ}31.3'; -2^{\circ}34.6'$

Время роис- сия	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
1	18.8	19.1	19.4	20.6	22.0	23.5	25.5	27.4	25.9	23.5	21.0	22.2	23.0	21.4	18.4	20.8	21.2	15.6
2	20.8	22.0	20.7	21.8	25.0	27.0	28.4	28.4	27.0	20.8	22.7	22.6	20.6	22.2	19.4	21.5	21.2	21.6
3	20.4	20.5	18.0	18.8	20.6	23.3	26.3	27.5	27.4	24.7	24.0	23.2	22.2	20.8	21.2	20.8	21.2	21.0
4	19.1	18.0	17.4	19.1	22.8	26.7	29.5	30.2	29.0	25.0	26.4	25.8	23.2	22.2	19.5	20.8	21.9	22.2
5	18.8	16.8	18.0	20.0	23.7	28.1	29.6	28.8	27.4	25.2	24.4	23.6	23.0	22.6	22.6	22.5	22.5	21.4
6	19.6	18.0	16.0	18.5	21.6	25.0	27.8	28.6	28.0	26.2	25.3	23.6	22.0	21.2	21.0	18.6	20.8	22.2
D 7	19.0	22.6	24.0	24.5	26.1	29.0	28.6	27.1	26.7	25.8	24.2	24.4	21.0	18.4	21.0	17.6	16.0	18.8
8	22.8	21.1	19.2	21.4	24.8	27.5	28.0	27.8	25.8	22.9	24.2	23.4	23.0	22.0	20.0	17.1	17.6	19.8
Q 9	19.0	19.0	19.2	20.8	23.6	25.7	26.2	26.6	26.0	24.8	23.8	24.0	23.7	23.4	22.6	21.8	21.6	21.5
10	20.1	18.6	18.6	20.0	22.2	24.8	27.0	27.3	26.6	25.4	24.8	25.4	25.7	24.2	23.4	22.0	21.2	20.8
11	18.3	17.6	18.0	20.0	22.4	24.8	25.2	25.8	25.3	24.4	24.7	24.5	24.5	23.4	22.2	22.2	21.0	20.4
12	18.6	18.0	17.6	19.5	22.2	24.8	26.0	27.4	26.0	25.4	23.0	22.8	24.0	23.3	22.8	22.0	21.5	20.7
D 13	18.8	18.0	18.0	23.3	24.8	26.0	27.6	26.2	26.0	25.6	25.4	25.4	25.8	21.4	19.6	17.4	13.2	21.2
D 14	24.2	24.8	20.2	24.0	23.6	25.2	26.8	27.5	26.8	19.6	25.6	24.0	17.0	22.0	21.1	20.0	18.4	16.0
Q 15	20.0	17.8	18.3	21.0	23.4	25.2	27.2	27.2	25.3	25.3	25.6	24.6	23.7	23.2	22.6	22.4	21.8	21.4
16	19.5	18.4	18.7	20.0	21.9	24.8	27.1	26.8	26.1	24.8	25.0	24.8	24.5	24.0	22.8	17.2	18.6	18.4
17	19.4	17.8	17.6	21.5	23.2	23.6	26.0	27.6	26.0	24.5	24.0	24.4	23.8	21.9	19.4	20.6	21.2	21.0
18	21.5	21.0	19.2	20.5	22.5	24.8	27.2	26.8	25.9	23.6	23.2	21.4	21.6	15.9	17.0	15.0	18.5	20.8
19	19.7	19.7	19.6	19.8	21.6	25.4	26.3	25.4	24.0	23.8	23.2	22.8	22.2	22.4	21.3	20.8	20.1	19.6
20	20.8	19.4	19.4	21.2	24.0	26.0	27.2	27.2	24.6	23.8	23.8	22.8	19.6	18.6	21.6	21.4	21.9	21.8
21	18.0	18.3	20.9	21.8	24.4	25.4	25.8	26.2	25.4	23.6	23.6	23.8	23.2	23.1	22.4	21.0	20.1	21.0
Q 22	20.2	19.0	19.2	20.8	23.3	24.8	25.7	25.8	25.0	24.1	23.8	23.4	23.2	23.1	21.0	21.2	21.5	21.5
Q 23	19.6	17.4	17.2	19.5	22.6	25.0	26.4	26.4	25.8	24.8	24.2	24.0	23.3	22.2	22.2	20.2	16.6	17.8
Q 24	19.5	18.5	18.6	20.8	23.0	24.8	25.8	25.3	24.8	24.0	23.8	23.1	22.7	22.4	22.2	21.4	19.0	19.0
25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
D 31	20.4	18.6	19.0	20.0	22.2	24.5	26.4	26.4	25.0	23.8	23.1	22.7	22.5	22.4	22.0	21.4	20.0	21.4
Среднее по всем дням	19.9	19.2	18.9	20.8	23.1	25.4	26.9	27.1	26.1	24.2	24.1	23.7	22.8	21.9	21.2	20.3	19.9	20.5
Среднее по средн. дням	19.7	18.3	18.5	20.6	23.2	25.1	26.3	26.3	25.4	24.6	24.2	23.8	23.3	22.9	22.1	21.5	20.1	20.2
Среднее по 60-м дням	20.5	21.0	20.3	23.0	24.2	26.2	27.4	26.8	26.1	23.7	24.6	24.1	21.6	21.0	20.9	19.1	16.9	19.4

19	20	21	22	23	Средн суточн.	
13.8	21.5	23.0	24.1	28.6	21.1	21.7
19.6	20.5	22.2	25.0	23.1	21.4	22.7
21.8	22.0	21.4	22.0	24.4	20.8	22.3
22.1	23.3	22.3	21.5	21.3	20.3	22.9
20.6	21.0	21.4	21.4	22.0	21.0	22.8
22.6	19.8	13.1	16.6	21.6	22.4	21.7
21.2	22.2	23.8	22.6	22.4	21.0	22.8
17.2	21.4	20.8	25.7	21.8	20.3	22.3
21.4	21.4	21.2	21.1	21.1	20.4	22.5
20.0	20.4	20.0	21.8	19.5	21.0	22.5
21.0	21.3	23.7	22.2	21.0	20.7	22.3
21.0	25.1	24.8	18.4	19.8	20.2	22.3
14.5	14.0	16.5	19.2	29.4	23.7	21.7
15.0	15.6	17.4	19.4	22.5	21.0	21.6
20.5	18.5	20.8	20.5	22.0	21.0	22.5
—	—	—	—	—	—	22.4
21.0	22.6	20.8	21.4	18.4	22.9	22.1
20.6	21.4	22.4	23.4	22.1	21.2	21.6
20.2	19.5	20.0	22.6	24.6	22.6	22.0
21.4	21.4	20.8	21.5	21.6	21.0	22.2
21.0	20.4	20.4	20.4	21.4	21.0	22.2
21.5	21.5	21.4	21.7	22.1	21.4	22.4
20.0	21.0	21.8	22.6	22.1	20.8	21.8
19.1	19.2	20.8	20.4	20.2	20.8	21.7
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
15.0	15.8	16.8	19.6	24.0	22.6	21.5
19.7	20.4	20.7	21.5	22.4	21.3	22.2
20.5	20.3	21.2	21.3	21.6	20.5	22.2
16.4	16.9	18.6	20.2	24.6	22.1	21.9

Талалаевская

Тучкова

Ведомство СибУЗМП
 Обсерватория Иркутск
 Месяц Октябрь Год 1982

Среднемес. $H = 19475^{\circ}$

Элемент Горизонтальная составляющая

$H = 19420^{\circ}; 19350^{\circ}$ $E_H = 3.2^{\circ}/\text{мм}$ $H = 19433^{\circ}; 19360^{\circ}$

Время роис- ции	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	19	20	21	22	23	Средн суточн.
1	58	48	42	32	36	39	46	46	50	51	56	56	52	49	41	64	72	80				
2	34	20	12	-1	-3	-4	10	28	24	34	28	22	22	26	16	42	56	68				
3	45	34	32	18	12	15	30	32	46	48	46	43	46	42	52	54	64	70				
4	63	44	26	10	14	22	26	46	62	48	34	22	27	28	46	52	66	68				
5	60	50	32	24	20	32	46	56	72	74	74	76	78	82	83	85	85	86				
6	76	72	58	46	36	38	48	48	60	66	60	54	54	66	44	44	72	78				
D 7	35	14	12	0	10	11	4	4	8	14	1	-10	0	41	40	27	24	38				
8	48	48	46	32	4	40	46	56	51	48	56	68	70	70	64	60	46	46				
Q 9	50	44	40	40	44	50	60	72	78	76	76	78	78	82	80	81	81	84				
10	72	72	64	56	56	68	76	86	104	102	100	91	86	92	96	94	96	96				
11	82	69	56	49	50	68	62	80	92	86	80	86	78	88	89	86	88	82				
12	80	68	60	52	56	62	76	88	85	86	79	80	88	88	88	86	90	91				
D 13	70	60	38	15	44	54	56	64	70	64	52	56	46	24	30	48	19	60				
D 14	44	27	-2	-6	-8	-6	-6	2	5	19	19	26	50	22	62	38	36	34				
Q 15	42	34	24	19	26	34	50	64	68	66	52	64	70	72	76	78	80	82				
16	72	66	56	54	56	68	80	86	88	82	84	82	88	86	88	86	66	60				
17	66	63	34	22	37	56	74	73	72	77	74	62	59	66	85	79	80	82				
18	74	62	56	46	37	52	70	66	75	76	70	75	78	102	108	50	48	75				
19	63	57	54	48	56	60	58	62	76	78	78	84	80	78	78	86	86	83				
20	56	54	38	27	34	44	49	58	50	65	68	68	76	78	75	74	84	84				
21	66	52	46	52	56	60	68	79	80	82	84	82	82	82	82	86	82	82				
Q 22	84	74	60	52	60	69	82	88	89	86	88	89	92	92	96	105	92	96				
Q 23	82	72	58	48	49	60	78	82	90	90	93	94	96	98	91	91	82	77				
Q 24	82	78	72	70	73	82	92	94	94	89	90	86	90	91	91	98	90	78				
25																						
26																						
27																						
28																						
29																						
30																						
D 31	108	104	88	78	92	88	108	130	132	130	130	133	135	142	152	146	143	143				
Среднее по всем дням	64	55	46	35	38	47	56	64	69	70	67	67	69	71	74	74	73	77				
	68	60	51	46	50	59	72	80	84	82	80	82	85	84	87	91	85	83				
	64	51	34	22	34	37	40	50	54	57	50	51	58	57	71	65	56	69				

Тамара Велая

Темцова

Ведомство СибИЗМИР
 Обсерватория Иркутск
 Месяц Октябрь год 1982

Среднемес. 56902^d

Элемент Вертикальная составляющая

$\lambda = 56810^d; 56820^d$ $\delta = 2.5^d/мин$
 $\lambda = 56819^d; 56833^d$

Время роис. дня	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Средн. суточн.			
1	85	85	89	88	85	82	83	84	90	95	97	97	97	98	101	102	97	97	82	86	88	85	75	77	89
2	85	88	88	84	79	80	88	95	100	112	110	108	107	103	107	104	101	92	87	86	88	88	89	93	94
3	97	97	97	89	80	78	80	84	92	98	99	99	98	100	100	99	97	95	94	93	90	89	88	92	93
4	95	95	92	83	77	71	71	81	88	98	102	104	106	106	104	100	97	96	95	92	89	90	91	94	92
5	95	95	91	86	80	80	82	87	90	92	93	93	91	91	90	90	90	90	89	89	89	89	90	89	
6	93	91	85	79	70	70	75	83	88	92	94	95	97	97	97	101	98	95	92	76	71	77	83	87	87
D 7	89	89	87	85	82	83	93	100	105	113	111	117	122	112	105	102	97	96	95	94	92	92	92	95	98
8	95	92	84	71	70	76	80	85	90	97	97	94	92	92	93	90	92	90	88	85	85	85	85	89	87
Q 9	92	90	85	82	81	81	83	84	88	92	90	89	89	90	90	90	90	90	89	88	88	87	87	88	88
10	89	90	84	81	80	77	80	82	84	85	87	87	88	89	89	89	89	88	87	87	85	83	80	83	85
11	85	87	85	83	79	82	79	84	87	85	85	87	86	88	88	89	88	88	88	88	83	81	80	83	85
12	88	87	85	83	80	80	83	84	89	88	87	87	86	85	85	85	85	83	84	80	71	68	71	82	83
D 13	86	90	88	87	86	84	85	87	90	90	91	93	95	102	101	89	85	82	76	77	75	70	66	72	85
D 14	81	87	87	84	84	85	89	95	100	108	105	105	103	98	100	92	93	93	89	89	89	90	90	92	93
Q 15	93	92	91	86	80	78	81	87	90	91	92	92	93	93	91	90	90	89	88	87	87	87	87	88	88
16	91	91	90	87	87	85	83	83	85	85	87	87	87	89	90	90	90	90	□	□	□	□	□	□	88
17	86	85	84	84	84	82	81	85	91	90	88	91	93	93	92	89	90	88	87	84	78	73	71	79	85
18	84	85	83	80	83	81	80	82	89	88	88	90	91	94	89	89	95	94	99	102	101	102	107	110	91
19	92	92	93	89	84	77	82	90	90	88	87	87	87	88	88	88	85	84	78	79	79	81	77	81	85
20	85	85	80	78	74	75	79	86	90	92	89	88	89	88	87	88	85	85	84	84	84	84	85	84	84
21	88	88	85	82	78	80	81	82	85	84	83	84	84	85	85	86	85	85	80	81	83	81	81	83	83
Q 22	85	87	83	77	75	77	77	78	80	81	82	82	82	83	83	82	82	82	82	82	82	81	81	85	81
Q 23	90	90	85	80	79	80	80	82	83	82	82	82	83	82	83	84	83	83	83	83	83	83	81	84	83
Q 24	86	85	79	71	72	73	76	77	78	79	81	82	82	82	83	84	83	83	83	82	82	82	82	84	80
25	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
26	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
27	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
28	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
29	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
30	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
D 31	76	77	74	68	70	70	76	79	79	79	79	79	77	79	79	77	79	79	74	56	69	64	66	72	74
Среднее по всем дням	88	89	86	82	79	79	81	85	86	91	88	92	92	92	92	91	90	89	86	85	84	83	83	86	87
Среднее по вс. дням	89	89	85	79	77	78	79	82	84	85	85	85	86	86	86	86	86	85	85	84	84	84	84	86	84
Среднее по вс. дням	83	86	84	81	81	81	86	90	94	98	97	99	99	98	96	90	89	88	84	79	81	79	79	83	88

Бирюкова

Погода

Ведомство СибЦЗМИР
Обсерватория Иркутск
Месяц Декабрь Год 1982

Среднемесчн. $T = 60/41^\circ$

Элемент Полный вектор

17 60050°; 60070°

$E_T = 2.9 \frac{\text{g}}{\text{mm}} T = 60069^\circ; 60081^\circ$
 $1.9 \frac{\text{g}}{\text{mm}}$

Время ч. мин сек		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
1	90	84	92	88	85	81	85	86	93	95	102	101	98	101	103	107	108	100
2	84	83	85	76	71	68	80	93	97	114	108	105	103	100	101	105	105	98
3	97	94	92	85	73	72	77	82	91	100	102	98	98	98	101	103	102	102
4	101	96	90	76	71	65	67	84	94	98	98	100	104	105	104	104	104	101
5	101	98	91	83	76	77	81	90	97	98	98	100	98	98	98	98	98	98
6	103	98	91	81	70	70	77	85	93	98	100	98	102	103	99	103	106	105
D 7	87	83	77	76	76	76	84	89	96	76	102	106	106	107	104	99	94	95
8	95	94	88	71	60	76	81	89	91	97	100	100	99	100	98	96	93	93
Q 9	94	91	86	82	82	83	86	90	96	96	98	98	98	98	98	98	98	100
10	97	97	90	84	84	83	88	92	97	98	102	99	99	100	102	102	102	102
11	95	95	91	84	82	88	84	93	100	96	94	97	94	100	99	100	100	100
12	97	93	91	86	83	85	89	93	97	97	97	98	96	95	95	96	97	94
D 13	93	95	87	82	88	88	87	93	96	96	93	96	95	99	100	92	83	84
D 14	82	83	77	74	73	72	78	86	89	104	98	103	104	94	104	94	94	93
Q 15	94	89	88	81	76	76	82	90	93	97	91	98	98	98	98	98	98	98
16	98	99	93	90	90	93	91	93	96	96	96	96	98	98	98	100	93	90
17	=	=	81	79	83	87	90	97	101	103	103	102	103	107	112	109	110	114
18	90	90	88	80	82	87	90	90	103	104	103	107	108	116	114	92	95	98
19	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=
20	90	89	80	75	73	76	80	90	92	98	98	98	103	103	101	103	104	106
21	94	90	86	83	80	82	84	90	92	93	92	91	91	93	94	95	93	94
Q 22	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=
Q 23	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=
Q 24	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=
25	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=
26	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=
27	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=
28	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=
29	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=
30	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=	=
D 31	65	65	67	50	55	54	64	71	82	71	71	72	71	76	76	74	77	74
Среднее по всем дням	92	90	86	79	77	78	82	89	95	96	97	98	98	99	100	98	98	97
Среднее по спок. дням	94	90	87	81	79	80	84	90	95	97	95	98	98	98	98	98	98	99
Среднее по вспом. дням	82	82	77	70	73	72	78	85	91	87	91	94	94	94	96	90	87	87

19	20	21	22	23	Средн суточи.	
83	91	92	90	74	80	92
92	91	91	90	92	100	93
102	98	98	96	96	98	94
102	100	96	96	98	102	94
97	98	99	99	98	98	94
103	84	76	82	85	91	91
95	97	96	96	96	97	92
90	91	91	91	90	93	90
99	99	99	97	97	97	94
99	99	96	96	89	96	96
100	100	100	96	95	98	95
92	93	85	79	80	91	92
82	79	79	75	70	79	88
88	88	90	90	93	93	89
97	97	95	95	96	97	93
□	□	□	□	□	□	95
110	108	102	103	96	109	100
100	103	100	98	101	103	98
□	□	□	□	□	□	□
106	106	106	107	110	112	96
90	87	91	93	93	93	90
□	□	□	□	□	□	□
□	□	□	□	□	□	□
□	□	□	□	□	□	□
□	□	□	□	□	□	□
□	□	□	□	□	□	□
□	□	□	□	□	□	□
□	□	□	□	□	□	□
□	□	□	□	□	□	□
74	48	61	56	55	64	66
95	93	92	91	90	95	92
98	98	97	96	97	97	94
85	78	82	79	78	83	84

Талалаевская Боткина

Ведомство СибИЗМИРСреднемесечн. $D = -2^{\circ} 21.7'$ Элемент СклонениеОбсерватория ИркутскМесяц Ноябрь Год 1982 $D = -2^{\circ} 00' 00''$ $E_D 0.53 \frac{1}{4} D = -2^{\circ} 54.6'$

Время роис- ции	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	19	20	21	22	23	Средн. суточн.			
1	19.0	25.8	22.4	21.3	21.6	23.6	25.7	25.9	25.4	23.0	25.2	24.5	22.2	20.1	19.4	21.2	16.4	15.0	20.2	22.2	24.2	20.6	22.5	21.6	22.0
2	20.0	17.8	17.2	19.1	21.9	24.6	25.8	24.8	24.2	23.2	19.4	18.3	21.6	17.6	17.0	14.0	14.0	16.2	15.7	18.4	16.0	23.6	26.0	27.0	20.2
3	22.4	20.6	22.0	24.2	24.6	25.3	24.2	22.9	21.8	19.4	23.9	21.0	16.4	17.8	21.2	22.1	22.3	22.0	22.0	22.0	22.2	22.2	22.0	21.9	21.9
4	21.3	20.0	18.7	19.2	21.7	23.8	25.1	25.1	24.1	22.2	23.2	23.0	22.6	21.3	17.4	20.0	20.6	21.8	22.2	25.4	22.7	21.4	22.4	22.8	22.0
5	22.2	20.5	19.8	20.0	21.3	23.0	24.6	24.6	23.5	23.0	23.6	23.6	22.4	21.3	17.0	17.8	20.0	19.8	26.0	22.0	21.4	21.8	22.0	22.0	21.8
6	21.6	20.2	19.3	20.2	21.6	23.8	26.0	25.4	23.4	24.0	23.8	23.2	22.4	21.3	20.6	20.2	16.7	20.0	21.6	21.6	21.6	21.8	22.0	21.8	21.8
7	21.0	19.6	19.0	20.4	22.0	23.4	24.8	24.2	23.6	23.0	22.5	22.7	22.4	22.0	21.8	21.6	21.6	21.5	21.6	21.0	21.6	21.6	22.3	22.0	22.0
8	21.2	20.2	18.7	19.0	21.3	23.2	24.3	24.3	23.7	23.1	23.1	23.1	23.2	22.6	22.1	21.3	20.8	16.4	13.4	17.8	19.0	20.0	20.6	21.0	21.0
9	21.4	21.2	19.6	19.2	20.4	22.4	23.2	23.5	23.2	22.6	22.4	22.4	22.3	22.4	22.4	22.1	21.9	21.8	21.6	21.6	21.3	21.7	21.4	21.1	21.8
10	22.6	20.6	20.6	20.0	21.7	23.4	23.8	23.3	22.9	22.4	22.0	23.6	22.9	21.3	22.2	21.6	21.2	19.6	19.0	19.2	18.2	19.8	21.4	21.8	21.5
11	21.6	20.4	19.4	21.2	22.2	24.0	24.0	23.8	23.2	23.9	24.9	24.7	25.3	21.1	21.2	19.8	20.2	21.6	21.0	20.6	21.0	20.6	23.6	22.7	22.2
12	20.2	22.8	21.6	21.9	23.8	25.0	25.2	24.2	22.8	23.6	22.4	22.4	20.3	20.0	21.6	22.0	21.3	21.3	20.5	21.2	21.3	21.4	23.3	22.3	22.2
13	20.6	26.0	22.3	21.8	22.2	23.8	25.4	25.4	24.7	24.2	19.0	23.3	22.6	22.2	21.4	19.2	20.8	21.0	21.0	22.8	21.8	20.0	20.4	21.0	22.2
14	20.8	20.2	19.8	20.2	22.0	23.1	24.0	24.2	24.2	24.3	24.4	24.7	23.4	22.4	19.6	19.2	19.2	20.8	20.4	21.3	20.8	20.2	22.2	21.8	21.8
15	22.6	21.7	20.1	21.0	21.5	22.6	23.6	23.7	22.8	22.4	17.6	21.2	22.5	22.2	20.8	19.8	18.1	17.4	19.5	20.3	23.0	21.3	19.8	21.8	21.1
16	21.7	20.4	19.8	20.7	21.5	23.5	24.3	23.8	23.8	23.2	22.7	22.4	22.4	22.4	22.0	21.7	21.6	21.5	21.3	21.3	21.2	21.3	22.4	22.8	22.1
17	21.8	20.6	19.2	19.5	20.8	22.0	23.4	23.4	23.2	22.7	22.4	22.4	22.4	22.2	22.2	22.1	21.8	21.2	20.7	19.6	17.6	18.2	14.3	21.2	21.2
18	21.4	21.6	20.4	20.3	20.6	21.6	22.9	24.0	23.8	22.7	22.6	22.7	22.9	20.0	18.6	18.0	17.2	20.1	21.8	22.0	22.0	22.8	22.8	22.0	21.4
19	22.2	21.3	20.8	22.2	24.0	25.0	25.4	25.1	23.8	22.9	22.5	22.5	22.4	22.4	21.0	20.0	19.5	21.2	21.2	20.6	21.3	22.7	20.8	20.8	22.2
20	19.8	18.6	18.7	19.7	21.2	23.3	24.3	24.2	23.3	22.3	22.2	22.3	22.2	21.8	22.0	22.0	22.0	22.0	22.2	22.3	21.0	21.4	21.9	22.9	21.8
21	23.0	20.0	19.4	19.1	21.0	24.2	25.8	25.4	23.8	23.2	23.3	22.6	21.6	20.1	21.7	21.2	20.4	18.0	17.0	16.3	13.1	15.2	22.8	26.6	21.0
22	32.8	28.6	25.3	28.1	23.4	25.2	27.8	25.9	26.0	26.0	23.8	23.8	23.2	22.4	22.0	22.0	21.4	21.3	21.2	21.6	21.6	21.8	21.8	21.6	24.1
23	20.8	19.2	18.4	18.2	19.7	21.8	24.0	24.0	23.4	22.8	23.7	22.6	23.6	24.2	21.0	20.2	17.0	19.0	18.0	16.2	9.2	16.8	21.4	26.6	20.5
24	22.8	22.4	21.8	21.9	22.8	23.7	24.2	24.0	22.8	22.2	21.2	22.6	14.0	18.3	2.9	17.8	13.3	10.6	29.1	16.4	16.3	23.0	28.2	38.3	20.9
25	30.0	21.6	22.4	22.4	24.0	25.0	24.3	22.8	14.2	18.7	18.6	21.2	19.1	20.0	22.4	19.0	18.7	16.6	16.6	20.1	21.4	22.8	27.4	24.0	21.4
26	22.5	21.2	18.9	18.3	21.2	22.8	24.4	24.2	22.8	23.9	22.0	22.2	22.3	20.7	19.6	16.7	18.6	20.4	21.1	22.2	23.2	28.6	22.8	22.8	21.8
27	21.3	19.3	18.6	18.4	19.8	22.4	23.4	23.6	22.8	23.4	23.4	21.3	17.6	18.7	20.8	23.3	20.6	22.4	25.1	22.6	21.3	21.9	22.2	22.6	21.5
28	23.2	29.7	24.0	21.2	22.2	23.6	23.6	25.2	24.0	22.8	21.8	20.4	21.2	22.3	20.5	21.4	21.6	19.0	20.2	17.2	21.0	23.0	23.6	24.4	22.4
29	24.2	24.2	22.2	21.1	20.8	22.9	24.0	24.3	24.8	22.6	22.2	18.9	22.2	18.0	15.4	17.2	14.2	18.4	18.8	12.8	23.6	20.7	21.0	22.4	20.7
30	23.5	22.3	22.6	21.6	22.4	22.2	23.2	23.8	23.6	23.0	22.8	22.4	22.5	21.4	18.0	22.2	22.4	22.0	22.6	22.4	22.2	22.2	22.1	21.9	22.3
31																									
Среднее по всем дням	22.3	21.6	20.4	20.7	21.8	23.5	24.5	24.3	23.3	22.9	22.4	22.4	21.7	21.0	19.9	20.2	19.5	19.7	20.8	20.4	20.4	21.3	22.4	23.1	21.7
Среднее по сн. дням	21.1	20.0	19.0	19.6	21.2	23.0	24.2	24.1	23.5	22.6	22.5	22.6	22.4	21.9	21.2	21.6	21.6	21.7	21.7	22.0	20.8	20.9	21.5	22.0	21.8
Среднее по всех дням	23.2	22.4	21.2	21.2	21.2	24.0	24.8	24.4	22.3	21.9	21.3	21.1	19.8	18.8	15.4	17.8	15.3	15.4	20.1	17.8	20.4	22.1	25.0	26.7	21.0

Мухомов

Водоизмеритель

Среднемесяч. $H = 19474^{\circ}$

Элемент Горизонтальная составляющая

Обсерватория Иркутск

Месяц Ноябрь Год 1982

 $H = 19350^{\circ}$ $E_H = 3.2\% H = 19360^{\circ}$

Время роис- ход	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
1 D	118	92	111	90	80	82	86	108	108	104	94	98	111	76	69	104	82	84
2 D	97	92	80	81	92	104	106	120	126	120	105	104	108	112	93	56	60	76
3	112	98	72	76	78	97	106	98	84	86	66	54	100	106	112	114	118	119
4 Q	126	119	112	110	108	114	122	122	120	126	119	109	106	104	132	130	126	132
5	131	131	128	121	116	122	136	140	135	149	138	130	128	126	149	154	147	145
6	141	134	130	128	120	126	130	138	136	142	126	130	123	126	126	130	142	145
7 Q	142	137	123	120	120	121	131	137	144	144	146	146	146	146	146	149	150	150
8	152	146	140	138	138	140	146	156	172	167	168	168	168	170	174	173	172	146
9 Q	151	152	140	130	126	128	140	152	150	149	150	152	152	156	152	156	153	156
10	158	156	148	140	127	130	142	148	145	142	146	156	145	148	148	144	145	146
11	141	138	126	140	136	142	142	152	149	149	125	110	123	116	136	116	134	146
12	142	137	140	136	131	132	142	152	154	141	114	118	144	141	144	143	152	145
13	140	128	142	120	114	126	137	140	142	127	126	142	144	146	142	153	150	148
14	142	142	140	140	135	138	142	142	136	120	135	126	135	138	142	134	132	138
15	146	144	138	134	134	140	148	151	154	142	130	142	148	150	156	136	138	126
16	140	142	134	130	130	136	138	138	145	142	141	145	146	146	146	146	148	148
17 Q	152	152	149	148	143	143	148	156	156	159	156	156	156	156	159	164	162	162
18	149	149	148	148	148	138	142	150	156	154	146	148	150	147	136	108	110	120
19	134	131	122	122	128	134	142	149	151	149	146	142	150	148	146	143	141	142
20 Q	142	138	140	136	134	136	142	150	150	152	146	140	143	143	144	152	152	153
21	156	154	138	122	118	114	130	140	148	140	126	114	110	119	134	136	150	120
22	102	64	43	46	42	52	65	76	88	88	98	107	111	116	120	121	121	118
23	126	128	121	116	108	108	118	126	128	148	158	157	164	156	125	136	132	96
24 D	64	73	70	81	88	86	90	88	88	104	122	116	72	18	-71	-52	-39	-113
25 D	42	32	31	27	27	17	37	39	30	28	76	68	77	66	113	90	84	91
26	104	98	84	65	72	82	84	94	72	91	100	104	94	103	111	123	97	104
27	111	108	98	95	98	106	109	102	98	100	116	110	113	119	104	121	118	125
28	128	90	142	143	124	118	113	122	118	112	105	128	119	104	116	117	120	134
29 D	123	130	122	118	116	109	112	120	121	112	118	130	136	103	108	102	107	92
30	140	124	108	104	102	102	100	105	108	117	120	123	130	130	142	126	130	130
31																		

Среднее по

всем дням

среднее по

ст. дням

среднее по

всех дням

19	20	21	22	23	Средн суточн.	
92	114	110	121	114	117	98
91	88	112	100	107	122	98
120	120	121	126	125	126	101
132	146	138	131	130	134	119
155	154	148	149	152	148	139
148	148	150	149	152	152	136
154	152	152	154	152	152	142
144	138	148	144	146	148	154
154	155	155	157	162	158	149
142	150	138	138	132	138	144
153	154	143	138	148	150	138
162	142	153	143	145	145	142
154	166	154	143	145	148	141
138	151	146	143	140	150	139
134	140	150	147	140	141	142
148	152	152	150	146	153	143
154	152	142	149	138	142	152
134	137	140	144	143	137	141
150	148	146	156	146	146	142
156	162	159	158	158	154	148
117	116	126	114	116	125	128
120	120	120	121	126	126	96
84	112	82	88	62	56	118
-28	2	0	-11	25	40	38
106	90	96	98	96	100	65
107	112	117	127	118	117	99
132	126	118	119	121	123	110
146	117	116	120	126	120	121
118	114	100	105	118	134	115
130	135	134	136	136	138	123

128 130 129 129 129 131 124

150 153 149 150 148 148 142

76 82 84 82 92 103 83

студент

Ведомство СибУИИП
 Обсерватория Иркутск
 Месяц Июль Год 1982

Среднемесч. $Z = 56894^{\circ}$

Элемент Вертикальная составляющая

$Z = 56820^{\circ}$

$E_z = 2.7^{\circ}/\text{м} Z = 56833^{\circ}$

Время роис- ход																							Средн суточн.		
	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23				
D 1	77	79	76	73	71	71	71	72	81	86	85	87	87	87	88	79	77	77	74	74	71	71	76	79	78
D 2	82	84	82	79	76	76	75	79	79	80	81	84	84	81	82	81	79	69	74	71	69	71	72	77	
3	76	79	79	76	78	78	79	82	89	95	93	99	98	90	88	85	84	82	82	81	81	79	81	84	
Q 4	82	83	82	75	71	68	71	75	79	80	79	81	85	87	86	78	80	80	80	76	72	73	76	79	78
5	83	85	82	75	71	71	74	76	76	78	78	79	81	82	81	77	76	76	73	71	73	73	75	77	
6	79	81	80	73	70	70	71	73	76	77	76	79	79	83	83	82	79	76	76	76	74	74	74	77	
Q 7	79	81	79	73	72	73	73	76	76	76	76	75	76	76	76	76	76	75	75	74	74	73	73	75	
8	76	77	77	68	66	66	67	69	71	72	71	71	71	72	73	74	74	74	69	73	74	74	72	72	
Q 9	71	68	66	66	66	66	68	71	71	73	71	71	71	71	72	73	73	72	72	72	71	71	69	70	70
10	70	72	70	65	62	62	66	68	71	72	72	71	73	73	73	73	72	71	71	65	67	68	68	69	69
11	70	71	71	71	69	68	68	71	71	72	74	79	82	85	82	82	82	82	75	71	69	71	68	63	73
12	66	64	63	65	69	68	71	75	73	71	73	76	79	73	74	75	73	70	67	68	68	66	68	68	70
13	73	74	72	68	68	70	72	75	76	75	77	76	75	74	74	72	71	71	71	66	60	65	66	67	71
14	69	71	71	66	64	65	66	69	71	73	73	75	76	76	76	74	76	74	73	72	68	69	69	69	71
15	71	71	70	66	63	65	66	70	72	70	73	73	73	73	72	71	72	70	72	72	70	66	67	69	70
16	72	74	73	70	67	66	68	71	73	72	73	72	72	72	72	72	72	72	71	71	71	69	68	70	71
Q 17	69	71	69	65	58	61	66	69	71	70	70	70	69	70	70	70	70	70	69	68	68	65	66	68	68
18	68	69	68	64	61	65	68	72	72	71	71	71	71	74	69	73	74	75	75	74	72	71	71	71	70
19	72	72	66	62	62	62	66	72	74	72	71	71	72	72	73	72	72	72	71	69	70	66	66	68	69
Q 20	71	68	65	60	58	59	63	66	70	71	70	70	71	71	71	70	69	69	70	68	67	67	68	69	68
21	71	70	68	65	65	64	68	76	73	70	71	73	77	80	80	79	72	68	69	66	56	52	48	43	68
22	45	51	60	65	67	71	76	81	82	81	81	81	81	81	81	79	78	79	77	77	76	76	76	76	74
23	76	76	76	75	71	68	71	74	75	76	73	72	73	74	81	81	78	62	63	58	40	53	52	65	69
D 24	74	75	76	76	75	77	79	81	81	83	80	78	82	77	100	71	77	70	72	60	74	82	78	53	75
D 25	46	69	82	92	94	93	97	98	110	104	100	96	94	92	84	80	79	81	71	76	80	81	79	80	85
26	84	84	81	72	74	81	81	84	87	91	90	85	87	87	86	76	76	81	81	81	81	77	73	77	82
27	81	81	76	73	70	66	66	74	82	85	85	85	87	80	83	78	76	78	72	69	73	75	79	79	77
28	81	82	80	68	63	64	66	69	74	78	81	81	80	82	84	78	79	79	69	68	73	71	71	73	75
D 29	77	79	78	76	71	66	68	73	79	80	80	81	79	79	81	77	65	68	61	52	57	58	71	72	72
30	76	74	74	77	76	70	71	76	82	82	79	79	79	81	76	76	79	79	77	77	77	76	76	76	77
31																									
Среднее по всем дням	73	74	74	71	69	69	71	75	77	78	78	78	79	78	79	76	75	73	71	71	70	70	70	71	74
среднее по столб. ун.	74	74	72	68	65	65	68	71	73	74	73	73	74	75	75	73	74	73	73	72	70	70	70	72	72
среднее по всех ун.	71	77	79	79	77	77	78	81	86	87	85	85	85	83	87	78	75	71	62	67	69	72	75	71	77

Иркутск

Иркутск

Ведомство СибУЗМНП
 Обсерватория Циркутск
 Месяц Ноябрь Год 1982

Среднемес. $\bar{Z} = 56894^{\circ}$

Элемент Полный вектор

$T = 60060^{\circ}$

$\bar{C} = 19^{\circ} \text{ мм } T = 60081^{\circ}$

Время розов. Лин	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	19	20	21	22	23	Средн. суточн.		
D 1	78	73	75	67	64	63	66	76	79	83	80	83	85	77	78	78	76	71	70	74	71	75	
D 2	78	80	76	72	71	74	72	81	82	81	78	82	83	82	78	69	69	62	70	67	63	74	74
3	76	75	69	67	70	74	76	77	80	89	81	85	94	87	87	84	85	82	82	82	82	80	
Q 4	84	82	80	74	88	87	72	76	80	82	80	79	82	84	89	81	82	84	84	83	77	78	81
5	85	88	84	76	71	74	78	82	81	83	82	82	83	84	89	86	84	83	82	78	80	81	82
6	84	85	83	76	70	72	73	78	80	82	79	82	81	84	85	84	85	84	84	83	83	82	81
Q 7	84	85	81	74	74	74	76	80	83	82	82	81	82	83	84	84	84	83	82	82	82	80	81
8	84	83	81	73	70	71	74	78	83	83	82	81	82	84	85	85	87	80	75	78	81	80	80
Q 9	78	77	72	69	68	69	74	77	78	80	78	78	78	79	80	80	81	80	81	81	80	79	77
10	80	80	78	71	64	65	72	75	77	78	78	80	80	80	80	80	79	78	77	72	72	74	76
11	76	76	74	77	74	73	74	79	78	79	76	78	83	85	85	82	86	84	82	78	75	75	78
12	71	69	69	69	70	70	76	83	82	75	71	76	85	78	79	79	82	75	78	73	77	71	75
13	78	76	77	69	68	72	76	80	80	77	81	81	81	80	80	81	78	78	80	78	68	70	74
14	74	77	76	72	69	70	71	75	74	73	77	77	80	81	83	78	79	79	78	79	76	75	74
15	77	77	75	70	67	70	72	77	80	76	76	79	80	81	81	76	78	72	76	78	77	77	76
16	77	80	77	73	70	70	72	75	79	79	78	78	78	79	80	80	78	78	80	80	78	76	75
Q 17	77	79	77	72	64	67	71	78	80	80	77	77	78	78	78	80	80	78	77	76	75	72	71
18	75	76	74	70	67	69	73	79	81	78	76	77	79	80	72	72	72	75	78	78	77	78	76
19	75	75	67	62	64	65	71	78	81	79	78	76	79	78	79	78	77	77	79	76	76	75	73
Q 20	76	73	71	65	62	63	69	76	77	78	76	75	76	76	77	78	77	77	79	79	76	76	77
21	79	79	67	66	63	63	70	80	79	74	73	72	75	80	83	82	80	69	69	65	60	53	47
22	42	40	44	49	50	57	64	70	75	74	75	79	79	79	79	80	79	79	78	77	77	77	77
23	79	78	78	75	70	67	69	76	77	83	82	81	83	82	82	84	80	58	53	58	54	48	41
D 24	57	63	65	65	68	69	69	72	74	74	78	80	76	73	55	48	34	46	21	-36	50	54	55
D 25	30	50	62	73	73	70	78	80	88	84	92	84	85	80	84	73	72	66	69	70	75	76	74
26	80	79	74	59	63	72	73	78	76	85	86	82	80	84	85	78	72	76	78	80	79	79	74
27	79	79	71	69	66	63	65	69	77	79	82	82	89	81	80	79	77	79	76	70	74	75	79
28	82	72	84	74	63	63	65	70	74	76	78	83	80	76	84	77	80	82	76	69	74	72	74
D 29	78	80	79	76	70	63	67	74	79	78	80	84	82	75	79	75	65	62	61	51	54	55	70
30	80	76	72	74	72	65	67	72	78	82	78	80	82	82	82	77	80	81	80	80	80	80	80
31																							
Среднее по всем дням	75	75	74	70	68	69	72	77	79	80	79	80	81	80	81	76	77	75	74	71	73	73	73
Среднее по пок. дням	80	79	76	71	71	72	72	77	80	80	79	78	79	80	82	81	81	80	81	80	78	77	77
Среднее по безм. дням	64	69	71	71	69	68	70	77	80	80	82	83	82	77	75	69	62	61	58	45	63	65	69

М.А.Александров

М.А.Александров

Водоствор: Сибирский
Обсерватория: Иркутск
Месяц: Декабрь Год: 1982

Среднемесечн. $D = -2^{\circ}21.6'$

Элемент Склонение

$D = -2^{\circ}00.0'$

$\dot{D} = 0.53/мгн D = -2^{\circ}34.6'$

Время роис чис	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	19	20	21	22	23	Средн суточн.		
Q 1	21.6	20.6	20.0	20.0	20.8	21.9	23.0	23.1	22.7	22.2	22.1	22.4	22.4	22.2	22.1	22.4	22.2	22.8	22.6	22.4	22.4	22.4	22.0		
Q 2	21.7	20.6	19.6	19.8	20.8	22.6	24.0	24.4	23.4	22.2	22.0	22.0	21.6	21.3	22.0	22.0	21.9	21.8	21.8	22.1	22.4	23.0	22.4	22.2	
3	21.6	20.8	20.2	20.0	20.8	22.1	23.3	24.0	23.2	22.0	21.9	22.1	19.4	20.3	19.4	19.4	19.2	20.8	21.3	21.4	21.1	21.3	23.2	21.4	
4	21.3	21.0	22.0	22.1	22.0	23.0	23.8	24.8	23.7	22.5	22.4	22.6	22.2	22.2	22.0	22.0	21.4	20.6	20.8	20.2	19.6	22.9	21.6	22.0	
5	26.4	26.6	25.2	22.8	22.6	22.6	23.4	23.2	22.7	22.7	22.7	22.4	22.2	21.3	21.6	21.6	21.6	20.8	21.3	20.6	20.5	20.6	20.6	22.4	
Q 6	20.6	20.6	20.6	21.3	22.1	22.8	23.8	23.6	23.1	22.7	22.6	22.3	22.4	22.3	22.1	22.1	21.6	21.2	21.1	21.1	21.0	21.3	21.2	21.9	
7	21.1	20.6	19.8	19.8	20.7	22.7	22.0	22.0	22.4	22.8	23.8	24.2	22.2	20.4	17.2	17.2	14.6	14.8	13.6	16.2	19.8	22.8	24.8	21.1	
8	24.1	24.8	26.2	23.2	21.6	20.4	22.0	22.0	22.2	22.8	23.4	24.0	16.7	22.0	20.4	20.4	14.4	13.1	17.2	18.0	18.8	21.3	21.8	22.8	21.1
9	23.0	22.0	21.6	20.3	20.2	21.7	22.8	24.2	23.4	22.2	23.2	22.8	5.9	20.8	21.2	21.2	21.2	21.6	21.6	22.5	22.4	22.6	22.8	22.9	21.5
D 10	21.9	20.6	19.4	19.4	19.9	21.6	24.6	26.6	26.4	31.0	26.3	26.3	23.5	22.2	17.3	17.3	10.0	16.3	12.0	11.0	14.4	18.5	20.8	22.0	20.6
11	22.4	22.1	22.8	25.2	24.0	23.5	23.8	23.6	23.5	22.5	22.0	22.0	22.0	22.4	21.0	21.0	15.0	17.2	17.2	16.1	18.1	18.6	19.0	21.2	21.1
12	21.9	21.2	20.4	20.0	20.4	20.6	21.7	22.5	22.5	22.2	23.0	22.1	22.2	22.0	22.1	22.1	21.5	22.4	21.2	21.6	21.9	22.2	23.0	23.0	21.8
Q 13	21.4	21.0	20.4	20.6	21.5	21.6	22.8	23.4	23.6	23.0	22.4	23.6	22.2	22.1	21.8	21.8	21.6	21.0	20.4	21.3	21.3	22.4	21.0	21.3	21.8
14	21.4	21.0	20.6	21.3	22.1	22.8	24.5	24.0	23.1	22.1	22.6	22.7	21.6	21.2	21.6	21.6	21.8	21.7	21.6	21.6	21.8	25.0	24.0	24.0	22.4
15	22.6	21.0	20.4	21.3	21.8	22.1	24.2	24.3	23.4	23.8	24.0	23.2	22.0	21.5	21.3	21.3	21.0	20.8	21.0	21.1	21.1	21.6	21.8	21.5	22.1
16	21.2	20.2	20.0	19.9	20.4	21.0	21.6	22.0	22.0	21.2	21.2	21.3	19.0	17.4	14.6	14.6	18.2	19.8	17.0	18.8	22.4	19.1	25.8	23.6	20.3
D 17	27.8	27.1	27.0	25.6	24.0	23.5	24.3	24.2	16.6	22.2	24.8	20.8	16.8	10.3	18.4	18.4	21.8	20.2	21.0	17.2	20.2	21.2	23.2	25.0	21.6
D 18	23.8	24.8	26.4	25.3	23.6	23.6	23.8	24.2	24.0	13.8	18.0	30.0	23.5	14.6	20.3	20.3	17.2	23.4	14.4	18.1	20.0	21.6	21.8	22.1	22.0
19	22.2	21.3	21.4	21.4	21.3	20.2	19.6	21.3	22.2	23.4	23.5	22.9	22.8	20.3	22.1	22.1	21.3	21.3	21.4	21.3	21.1	21.3	21.8	22.0	21.9
D 20	22.8	21.7	21.4	19.8	19.2	19.8	20.8	23.4	21.8	21.3	17.8	19.0	20.8	19.0	19.0	19.0	16.3	21.0	18.4	18.7	22.8	19.8	22.0	23.8	20.0
21	23.8	23.4	22.0	21.4	21.3	21.4	22.0	21.0	21.2	19.7	20.6	20.6	18.1	20.0	18.3	18.3	18.8	24.0	16.0	16.3	16.7	22.2	24.0	23.8	20.9
D 22	28.8	31.4	30.0	27.2	23.7	21.8	20.7	21.2	21.1	21.4	21.3	21.9	22.0	12.1	15.6	15.6	14.3	19.0	20.6	22.8	22.0	23.7	23.4	23.1	22.3
23	22.8	21.6	21.3	21.6	22.0	22.6	22.7	21.9	20.9	20.6	21.3	18.2	20.0	18.7	15.2	15.2	11.0	12.3	15.0	19.5	21.4	25.6	24.4	27.2	20.0
24	24.0	23.7	22.3	21.0	20.8	21.4	22.1	21.9	20.7	18.8	19.8	21.2	19.8	19.1	18.2	18.2	19.8	20.2	22.4	23.2	24.1	23.6	23.2	23.8	21.4
25	24.0	21.2	20.1	20.2	20.0	21.4	21.6	22.4	21.2	22.0	21.8	22.4	13.9	16.2	19.8	19.8	24.6	19.5	21.7	22.8	23.0	23.0	23.1	22.3	21.3
26	22.2	21.8	22.4	21.2	21.6	22.1	22.4	22.8	23.2	22.2	22.4	23.1	21.2	21.0	20.8	20.8	19.1	20.0	19.8	20.4	21.2	22.0	22.0	22.0	21.7
27	22.2	21.0	21.3	20.0	20.8	22.1	22.6	22.6	23.0	22.4	23.5	25.9	22.5	22.5	21.5	21.5	21.1	21.4	21.6	21.6	22.6	25.9	23.6	22.1	22.4
28	21.7	21.6	22.6	22.6	22.2	23.4	23.6	24.2	23.6	21.8	22.5	22.8	17.6	21.0	20.0	20.0	20.4	21.6	21.8	21.8	22.6	22.0	20.8	20.8	21.9
29	22.8	22.0	21.8	20.6	21.4	23.0	22.9	23.0	23.4	21.9	23.7	22.7	22.0	20.0	21.8	21.8	21.3	21.6	22.0	22.6	23.2	20.2	21.0	22.2	22.0
30	22.1	22.6	24.4	22.9	22.4	25.1	24.7	21.9	23.0	22.9	23.0	19.7	22.6	21.4	22.0	22.0	19.0	20.6	19.6	22.2	21.6	21.8	21.8	22.2	22.2
Q 31	24.4	25.6	25.8	22.0	21.3	22.7	22.9	22.8	23.1	23.1	23.1	23.4	22.0	21.8	22.0	21.2	21.2	21.0	21.0	21.2	20.6	21.2	21.6	21.2	22.2
Среднее по всем дням	22.9	22.4	22.2	21.6	21.5	22.2	22.8	23.1	22.6	22.1	22.3	22.4	21.9	20.6	20.0	20.1	19.3	20.2	19.7	20.1	20.9	21.7	22.5	22.8	21.6
Среднее по спр. узлам	21.9	21.7	20.7	20.7	21.3	22.3	23.3	23.5	23.2	22.6	22.4	22.7	22.4	22.1	21.9	21.8	21.8	21.5	21.4	21.6	21.5	21.9	21.9	21.7	22.0
Среднее по возм. узлам	25.0	25.1	24.8	23.5	22.1	22.1	22.8	23.9	22.0	21.9	21.6	23.6	19.6	21.3	15.6	18.1	16.5	20.0	17.9	17.6	19.9	21.0	22.2	23.2	21.3

Павловская

Толстова

Ведомство СибУЗЛЦР
Обсерватория Чиркутск
Месяц декабрь Год 1982

Среднемесечн $H=19475^8$

Элемент Горизонтальная составляющая

$H = 19350^3$

$E_H = 3.2^3 / \text{мм} H = 19361^3$

Время роис- ход	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Средн суточн.	
1 Q	135	131	126	122	120	122	125	128	130	134	134	136	136	136	138	140	140	141	141	140	140	143	144	134	
2 Q	144	139	134	131	128	128	130	140	145	145	144	144	137	127	128	142	150	148	150	150	147	150	152	141	
3	154	160	152	150	146	150	154	162	165	166	164	152	152	140	120	113	118	126	134	136	134	134	137	146	144
4	144	148	148	155	150	150	150	152	154	155	152	152	152	152	152	150	152	148	138	146	153	138	160	140	150
5	126	118	120	113	116	113	112	121	122	122	122	122	124	123	128	130	128	130	129	139	134	131	130	130	124
6 Q	129	127	125	126	131	136	140	145	149	148	146	144	150	149	149	149	150	150	149	149	149	149	146	148	143
7	150	149	145	149	146	146	166	172	178	174	176	170	150	117	62	35	57	80	86	84	84	86	92	122	
8	98	108	105	103	113	117	118	107	110	97	70	57	64	86	120	78	72	75	60	78	91	101	107	104	93
9	107	107	105	102	94	100	112	117	118	118	128	130	122	146	132	110	117	118	125	132	134	132	132	136	120
10 D	138	132	127	122	120	116	98	103	128	110	100	100	104	104	122	114	126	118	78	70	70	85	93	91	107
11	90	94	95	112	112	112	114	110	112	126	131	127	124	124	130	128	104	86	107	92	92	114	106	112	111
12	108	112	109	107	110	110	110	113	111	111	108	102	118	122	130	129	130	136	132	133	134	135	136	138	120
13 Q	137	137	137	122	124	128	136	139	142	140	137	140	139	139	140	140	142	139	138	137	141	145	137	136	137
14	138	138	134	129	136	139	143	146	147	146	144	140	146	149	144	145	147	147	149	148	156	162	142	139	144
15	143	143	138	136	138	142	150	150	152	144	136	153	148	150	156	155	156	158	154	156	158	158	160	159	150
16	156	156	150	146	144	145	142	139	142	132	123	110	109	104	104	100	102	127	136	127	127	138	137	148	131
17 D	140	132	112	112	101	95	94	91	28	80	118	63	21	0	13	68	86	96	111	93	75	111	123	127	87
18 D	128	118	126	124	112	112	111	118	124	54	82	76	88	93	72	66	78	94	104	85	92	108	112	121	100
19	126	138	152	182	186	182	138	173	174	174	121	103	62	84	104	116	116	127	129	127	130	131	140	164	137
20 D	163	176	148	161	138	136	126	138	142	128	139	123	80	53	76	70	76	94	82	108	135	112	104	102	117
21	107	113	120	110	110	112	107	103	84	96	92	80	78	104	75	78	67	74	81	98	110	98	110	122	97
22 D	102	81	73	81	66	72	89	90	102	104	108	110	107	102	120	85	78	98	107	120	120	126	122	125	100
23	128	127	122	118	122	127	125	118	112	112	113	96	104	70	74	67	59	87	104	100	104	110	117	122	106
24	129	130	110	108	113	116	116	116	114	121	112	100	98	105	107	100	124	125	122	126	137	139	142	140	119
25	142	144	138	124	124	130	139	139	132	143	144	134	122	128	132	122	138	122	129	139	142	140	142	144	135
26	144	140	138	136	132	136	139	140	148	149	144	130	120	136	121	127	121	124	132	132	139	142	145	151	136
27	153	149	148	136	128	132	144	176	178	166	163	150	178	134	142	145	145	146	145	142	140	149	142	152	147
28	150	144	134	113	118	126	130	139	136	124	129	132	112	110	110	130	121	132	132	137	139	126	131	128	128
29	142	144	137	122	114	132	129	135	113	104	110	120	134	134	113	117	128	139	136	139	142	129	130	138	128
30	137	130	130	124	118	126	128	132	130	130	130	140	140	142	143	152	132	127	126	138	132	136	138	138	133
31 Q	139	134	136	138	135	138	137	134	131	132	137	135	138	142	144	144	144	146	146	143	145	142	149	145	140
Среднее по всем дням	133	132	128	126	124	127	127	132	131	129	128	122	116	116	116	115	116	121	122	124	127	129	131	133	125
Среднее по сплошной	137	134	130	128	128	130	134	137	139	140	140	140	140	139	139	143	145	145	145	144	145	145	145	145	139
Среднее по большой	134	128	117	120	107	106	104	108	105	96	109	94	80	70	81	81	89	100	96	95	98	108	111	113	102

Палаиевская

Толкова

Ведомство СибУЗМЦП
 Обсерватория Иркутск
 Месяц Декабрь Год 1982

Среднемесечн. $Z = 56899^s$

Элемент Вертикальная составляющая

$Z = 56820^s$

$E_2 = 2.7^{\text{мм}} Z = 56833$

Время роис- тин	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	19	20	21	22	23	Средн суточн.
Q 1	77	78	77	76	76	74	75	76	77	79	76	76	78	76	77	76	76	76	74	74	76
Q 2	75	77	77	72	69	68	71	76	77	76	74	75	75	76	79	77	76	74	74	74	74
3	73	74	72	67	68	70	68	71	71	71	70	70	75	74	76	79	79	78	73	72	73
4	71	69	68	70	68	65	66	71	75	73	72	73	73	74	73	74	74	74	69	63	71
5	64	68	71	68	68	66	71	77	77	79	79	79	79	79	78	77	78	74	75	76	74
Q 6	76	75	74	76	75	71	70	73	73	75	74	74	75	74	74	74	74	73	72	71	70
7	72	72	72	72	66	63	67	68	71	68	67	70	76	87	99	102	103	92	71	68	70
8	82	82	79	76	78	72	74	79	85	82	93	103	106	111	82	86	85	72	80	82	84
9	85	86	85	81	77	79	79	81	82	82	82	83	82	90	74	82	82	81	77	77	78
D 10	79	79	79	79	75	70	71	77	82	89	90	93	93	93	92	90	84	90	85	85	83
11	83	82	80	79	82	79	79	81	85	84	81	81	81	82	82	82	76	81	71	75	79
12	79	82	84	85	84	81	81	83	85	85	85	85	88	85	83	83	82	77	78	78	77
Q 13	77	81	81	81	77	73	74	74	76	77	76	77	79	78	79	79	79	79	73	73	73
14	78	80	78	77	77	73	73	76	79	79	76	76	77	77	78	76	76	77	69	65	68
15	75	79	81	76	74	69	68	73	73	73	74	76	76	76	75	75	75	74	72	71	72
16	74	74	73	76	72	69	69	73	76	74	75	76	79	80	77	76	71	75	65	65	64
D 17	68	67	67	70	73	72	76	81	86	98	92	95	101	121	120	105	95	88	79	80	79
D 18	81	82	82	82	82	81	81	85	85	88	95	98	102	103	100	104	100	96	84	86	84
19	84	84	79	75	73	68	68	72	73	71	70	85	105	107	98	91	86	85	81	81	80
D 20	75	73	74	74	75	75	75	79	83	79	83	81	82	82	87	83	84	78	77	77	77
21	83	83	81	81	82	82	81	86	87	92	90	93	93	91	88	90	86	77	74	68	66
D 22	71	77	79	85	90	96	94	92	92	90	88	87	87	88	90	82	93	93	84	81	81
23	84	85	83	79	80	79	80	82	87	85	83	88	84	93	93	91	87	78	84	84	84
24	85	87	88	90	87	85	83	86	89	86	85	86	90	87	85	86	85	79	79	79	79
25	82	82	80	78	81	77	76	79	81	81	80	79	81	82	82	81	77	79	77	77	77
26	78	79	79	75	75	76	76	79	79	79	76	76	81	83	79	82	81	82	79	79	79
27	77	78	76	76	75	76	73	73	72	73	74	76	84	85	82	80	79	76	75	75	71
28	73	76	77	78	73	71	74	76	76	79	81	81	83	87	88	85	84	81	71	69	71
29	76	77	79	81	79	76	81	78	74	81	83	86	85	85	86	87	85	81	74	74	74
30	75	76	78	79	78	72	79	81	80	79	80	82	79	79	79	77	77	77	76	76	76
Q 31	76	75	77	76	74	70	73	75	75	77	79	79	80	80	79	79	77	78	74	74	74
Среднее по всем дням	77	78	78	77	76	74	75	78	79	80	80	82	84	86	84	84	82	79	78	76	75
среднее по спец. дн.	76	77	77	76	74	71	73	75	76	77	76	76	77	77	77	77	76	76	74	74	73
среднее по всех дн.	75	76	76	78	79	79	79	83	86	89	90	91	93	99	98	93	91	85	83	79	80

Талалаевская

Темцова

Ведомость: СибУЗМЦОбсерватория ИркутскМесяц Декабрь Год 1982Среднемес. $T = 60/40^\circ$ Элемент Полный вектор $T = 60060^\circ$ $\text{Эп} = 19/11 \text{ м } T = 60082^\circ$

Время роис дня	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Средн суточн.
Q 1	80	82	79	77	78	75	77	79	81	81	80	80	80	81	82	82	81	81	82	80	81	80
Q 2	82	83	81	75	73	71	75	81	83	83	80	81	80	78	81	83	83	82	82	82	81	80
3	82	83	81	75	75	77	77	81	80	82	80	78	80	79	76	78	79	80	79	78	79	79
4	77	76	75	79	75	72	73	78	83	82	79	80	81	81	82	80	81	81	78	80	79	78
5	66	68	71	68	68	65	70	78	78	79	79	79	80	80	81	81	79	80	79	81	78	76
Q 6	79	78	76	77	77	75	75	79	80	81	81	81	82	81	82	81	81	81	80	80	81	79
7	79	80	79	80	72	70	77	81	84	81	80	81	83	86	87	85	89	85	79	66	64	79
8	77	79	75	73	77	71	74	74	83	76	81	87	94	100	80	77	75	65	58	54	65	76
9	81	82	81	79	72	73	77	79	82	82	84	85	85	114	76	80	82	80	82	82	80	82
D 10	82	83	81	80	75	68	65	73	82	84	86	86	88	88	88	88	86	68	70	66	73	79
11	77	76	74	76	80	78	77	78	83	85	84	82	82	83	84	83	73	73	72	71	73	77
12	75	80	81	81	83	78	78	81	82	82	81	80	87	85	85	85	85	81	81	80	81	81
Q 13	81	84	83	82	78	75	77	78	82	82	80	82	83	83	83	83	85	83	80	82	81	81
14	81	84	80	79	80	77	78	82	85	85	82	80	83	83	83	82	82	83	82	81	84	81
15	81	84	84	78	78	73	74	79	81	77	77	83	82	83	82	81	83	82	81	82	81	80
16	81	82	81	81	78	76	74	78	80	76	75	73	76	77	75	75	66	76	68	65	70	75
D 17	71	70	64	68	68	66	68	72	64	89	91	82	79	94	96	94	86	81	79	66	60	77
D 18	82	87	86	80	89	84	75	84	85	85	84	80	93	95	88	90	86	87	85	83	83	85
19	80	80	83	81	79	76	77	84	85	73	86	86	90	87	88	89	88	88	85	77	80	82
D 20	84	87	81	83	79	80	77	82	86	80	86	82	74	77	77	70	76	72	68	73	81	72
21	80	80	80	78	79	79	76	81	79	86	80	82	82	87	77	81	73	66	66	64	64	65
D 22	66	68	67	75	77	85	86	83	86	86	85	83	82	83	90	75	82	86	86	86	83	81
23	85	86	83	78	81	83	80	80	83	83	81	83	79	80	81	78	73	70	72	77	77	79
24	86	86	85	87	84	83	81	83	86	85	82	80	84	84	81	81	86	80	78	79	81	81
25	85	86	82	78	80	79	80	82	83	85	83	82	80	85	85	80	81	78	81	82	81	81
26	81	81	81	77	77	78	80	81	83	84	80	78	79	83	78	83	81	81	81	80	81	82
27	83	83	82	78	76	77	77	68	83	82	82	80	81	86	85	84	82	82	81	79	77	75
28	79	82	79	75	71	71	76	79	78	79	80	82	80	84	84	86	83	83	81	81	70	71
29	79	81	82	81	77	77	81	79	70	76	80	85	86	85	83	85	85	83	79	79	75	72
30	79	77	79	79	76	72	78	79	81	80	80	84	82	82	83	82	78	78	80	78	76	75
Q 31	79	76	78	78	77	73	75	76	75	77	79	80	82	83	82	82	82	82	81	81	80	79
Среднее по всем дням	79	80	79	78	77	75	76	79	81	82	82	82	83	85	83	82	81	79	78	77	77	78
среднее по всему году	80	81	79	78	77	74	76	79	80	81	80	81	81	81	82	82	82	82	81	81	80	80
среднее по всему году	77	79	76	77	78	77	74	79	81	85	86	83	83	87	88	83	83	79	78	75	76	78

Паллаевская

Пиркова