

Ведомство Академия Наук СССР

Обсерватория Татропи (Цркужок)

Широта

Долгота

Элемент Склонение

Месяц август Год 1961

$\alpha = -1^{\circ}00'0''$

$\delta_0 = 0^{\circ}980''$ $\rho = -2^{\circ}02'1''$

Дач	Время мирое																	Средн. суточн.							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	19	20	21	22	23			
1	55.5	55.8	58.8	63.1	64.7	66.4	67.1	67.0	66.5	65.7	64.4	63.8	63.1	63.6	63.7	63.6	63.4	62.5	62.1	61.4	60.6	59.6	57.6	55.2	62.3
2	59.4	61.6	60.6	62.6	66.5	67.0	68.6	68.4	70.9	69.5	66.4	62.6	57.7	59.2	61.5	59.7	61.6	63.1	62.1	61.5	61.8	59.8	58.8	58.8	62.9
3	57.7	57.7	59.6	61.8	65.3	68.4	68.5	66.5	66.6	65.6	64.7	63.0	59.2	60.6	62.8	62.6	63.6	62.6	63.7	62.8	60.6	62.1	60.2	59.6	62.7
4	58.7	59.6	63.6	66.1	66.4	67.3	68.0	69.7	68.0	64.6	60.7	59.6	63.2	61.1	60.6	62.6	62.6	62.6	62.6	62.1	63.3	62.2	58.8	58.9	63.0
5	57.3	57.8	59.7	61.4	63.0	65.6	67.4	67.2	66.8	65.4	61.5	62.3	62.6	63.2	62.6	63.4	63.4	62.5	62.3	62.0	62.0	60.6	59.6	58.7	62.4
6	59.2	58.1	59.2	61.8	64.6	66.4	66.4	66.0	68.0	65.4	64.1	64.0	63.3	62.6	62.1	63.1	62.8	62.6	62.8	62.1	61.6	60.8	59.8	58.5	62.6
7	57.2	56.9	58.2	60.6	64.2	66.8	68.2	68.5	68.2	66.4	64.5	63.6	61.7	63.2	63.7	63.8	63.4	62.6	62.6	62.5	61.8	61.8	60.0	58.8	62.9
8	57.2	57.0	58.8	60.8	64.7	67.6	69.4	69.4	68.2	68.2	65.4	60.9	62.1	62.6	62.1	63.6	62.7	61.6	60.6	58.7	62.3	60.5	57.7	55.1	62.4
9	54.9	55.8	59.7	64.0	67.4	69.4	69.9	69.6	68.4	66.4	63.7	62.1	62.3	62.1	62.6	63.4	62.7	62.1	62.7	62.4	61.6	60.0	57.2	54.8	62.7
10	53.9	54.6	60.1	63.6	66.4	68.5	70.4	70.2	68.4	67.4	66.5	64.6	62.1	59.7	57.6	61.6	63.0	62.7	63.6	62.5	61.6	60.1	58.2	56.7	62.7
11	56.2	59.7	62.6	65.5	70.4	70.5	72.2	71.3	68.0	65.5	63.9	62.6	59.2	55.6	61.1	62.1	62.6	62.5	60.3	60.1	60.1	60.6	54.8	54.4	62.6
12	56.6	58.3	61.6	64.6	68.0	69.4	69.8	69.2	67.6	65.4	63.4	62.6	62.6	63.2	63.4	63.5	62.7	61.7	61.5	61.1	59.6	59.1	57.8	55.6	62.8
13	54.0	55.1	59.6	64.5	68.0	69.4	69.3	69.0	67.5	65.5	63.6	62.4	63.0	63.6	63.6	63.1	62.4	62.1	61.8	61.4	60.8	60.0	58.1	55.1	62.6
14	54.7	55.6	58.2	62.1	65.0	66.5	68.5	69.1	68.4	66.4	64.5	62.7	63.6	65.4	64.6	64.0	61.6	60.6	60.6	60.5	60.5	59.6	57.6	55.7	62.3
15	54.6	54.9	56.8	60.0	63.6	66.9	70.1	71.4	69.9	67.6	65.4	64.1	63.7	63.7	63.4	60.6	60.3	60.3	61.4	63.0	61.6	60.4	58.2	55.6	62.4
16	53.9	54.3	56.8	60.7	65.4	67.2	68.6	69.4	68.5	66.5	64.4	63.1	63.0	63.5	63.1	63.4	62.7	62.6	62.4	61.7	61.1	60.1	58.6	56.6	62.4
17	54.6	55.2	57.7	61.1	65.4	67.5	68.5	68.6	67.1	65.4	63.0	62.4	64.3	64.4	63.7	63.7	63.5	63.1	61.9	61.6	62.6	61.9	58.2	55.9	62.6
18	55.2	56.2	64.1	63.6	66.5	68.4	69.8	69.1	67.4	65.0	63.1	62.5	63.3	63.7	63.6	63.2	63.2	62.6	62.7	62.4	62.0	61.0	58.7	56.3	63.1
19	55.5	55.8	59.7	62.7	65.1	68.4	68.9	68.6	68.5	66.4	62.8	60.6	60.7	60.6	62.1	63.1	63.1	63.1	62.6	62.0	62.6	61.6	58.7	57.2	62.5
20	56.7	57.2	59.6	62.8	65.4	66.6	67.4	67.8	67.4	66.4	64.4	62.4	62.0	62.6	61.7	62.7	62.0	60.7	61.5	62.4	63.6	61.1	59.1	57.3	62.5
21	56.2	57.0	59.5	62.1	65.0	66.8	68.5	67.6	67.0	65.5	64.1	62.6	62.7	63.2	63.5	63.4	63.1	62.7	62.7	62.7	61.7	60.7	59.6	57.6	62.7
22	56.8	57.6	60.6	63.4	66.0	66.6	66.7	67.0	66.4	65.3	64.4	63.6	63.8	63.6	63.6	63.1	62.7	62.0	61.3	61.1	60.7	60.1	58.4	57.1	62.6
23	56.6	56.8	59.6	62.9	65.5	67.0	67.5	67.0	65.9	65.4	64.1	63.5	63.1	63.2	62.5	62.7	62.8	62.4	61.6	61.6	61.1	61.5	59.6	57.8	62.6
24	56.8	56.8	58.8	62.1	63.6	64.6	65.9	66.0	65.5	65.0	64.0	64.0	63.9	64.1	64.0	63.6	62.7	62.4	61.5	60.3	59.7	58.5	57.9	56.6	62.0
25	57.5	59.0	62.2	63.6	64.9	67.0	67.0	66.5	65.4	64.9	64.6	64.4	64.0	62.2	59.3	61.3	62.6	62.1	61.2	60.1	60.6	59.6	57.6	56.5	62.3
26	56.7	56.7	59.8	64.2	67.9	69.4	69.4	67.8	66.5	63.8	63.0	63.1	64.3	64.4	64.2	63.6	62.6	62.1	61.5	61.1	61.7	59.7	59.2	59.1	63.0
27	60.6	59.6	61.5	64.9	66.6	67.6	68.4	68.0	65.4	64.2	63.0	62.9	63.2	63.2	63.2	63.0	61.2	61.9	61.9	61.6	61.6	59.7	57.8	55.1	62.8
28	55.8	57.2	60.6	64.3	66.6	68.0	67.6	66.4	65.0	63.6	62.6	63.0	63.6	63.8	63.7	63.5	62.7	62.6	62.4	61.7	61.5	60.0	58.6	55.7	62.5
29	54.7	56.1	59.6	63.0	65.6	68.4	69.3	68.3	66.2	64.1	62.9	63.4	63.6	63.6	63.7	63.6	63.2	62.6	62.4	63.8	58.8	60.2	58.6	60.5	63.0
30	60.7	61.6	61.1	64.2	67.5	68.6	68.8	68.4	66.4	65.4	63.7	61.6	52.1	58.0	61.4	59.1	58.7	60.9	62.6	62.6	62.1	65.4	62.7	62.7	62.8
31	61.0	60.2	65.0	66.0	67.7	69.4	70.4	68.5	65.3	65.6	64.1	60.6	58.7	60.7	60.6	62.1	63.2	66.0	64.6	61.7	62.2	62.7	62.1	59.6	63.7
С. ранее по всем дням	56.7	57.3	60.1	63.0	65.9	67.7	68.6	68.3	67.2	65.7	63.9	62.7	62.1	62.4	62.6	62.8	62.5	62.3	62.3	61.7	61.4	60.7	58.7	57.1	62.7

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Месяц август Год 1961

$H = 19300 + \dots$

$\epsilon_H = 5.45\% \text{ на } H_0 = 19312^\circ$

Врем. м. о. е.																		
Дни	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
1	150	139	128	139	148	160	167	172	172	170	170	172	171	171	172	176	178	176
2	123	139	156	156	122	100	79	122	105	123	133	121	132	126	128	145	170	150
3	128	123	122	117	105	112	132	148	134	146	156	156	150	154	161	160	161	165
4	123	105	118	128	128	127	128	148	144	166	155	167	161	160	172	170	170	166
5	154	144	139	134	128	123	134	145	161	150	139	150	155	166	161	161	167	167
6	156	145	144	145	149	155	160	166	167	167	167	167	170	167	176	171	168	170
7	150	139	138	144	148	155	161	166	165	168	172	172	171	172	172	172	177	177
8	150	139	132	128	128	139	134	160	188	169	143	150	160	167	178	181	172	167
9	139	122	111	116	132	148	156	168	172	172	172	168	166	161	167	170	170	176
10	156	136	123	121	127	140	149	146	150	148	138	134	143	148	150	150	156	160
11	138	126	123	118	134	167	178	178	166	156	154	148	138	138	156	150	161	159
12	128	116	108	107	113	132	146	166	178	181	178	172	171	171	172	177	178	181
13	150	128	118	118	124	144	166	178	183	188	182	178	176	176	176	176	178	178
14	148	134	128	128	138	156	170	186	184	187	193	188	178	183	187	198	198	188
15	154	139	133	140	150	165	150	154	165	184	186	186	182	184	186	188	182	176
16	146	139	128	122	117	134	156	170	181	184	185	184	183	184	184	184	183	183
17	162	148	139	139	138	146	165	172	176	178	170	178	183	186	188	188	189	196
18	150	140	134	128	139	156	172	178	183	181	178	183	188	198	194	188	189	188
19	160	144	133	133	128	132	145	145	150	156	150	144	139	150	159	165	166	167
20	144	128	128	144	156	161	170	167	167	172	172	167	161	166	171	171	166	156
21	148	134	128	134	146	154	159	172	183	183	182	178	177	178	183	182	181	176
22	156	143	134	139	149	160	172	183	188	188	187	183	183	187	186	183	184	184
23	156	144	138	140	150	161	176	178	181	184	178	178	176	176	178	178	178	178
24	160	150	149	149	155	166	178	186	188	188	194	194	194	197	199	198	199	206
25	165	160	159	160	171	176	182	192	188	183	192	178	181	183	178	172	181	182
26	159	156	154	144	148	170	178	187	192	181	186	188	188	194	199	198	194	193
27	149	128	133	134	134	138	138	150	178	183	182	178	180	178	178	182	182	178
28	137	128	126	138	156	167	178	186	183	178	178	178	176	176	177	180	181	182
29	155	137	128	126	139	156	172	182	188	192	188	182	182	183	187	186	192	199
30	156	133	121	121	132	150	167	178	178	161	143	134	134	116	133	123	139	137
31	128	106	79	72	83	96	126	122	133	156	155	155	165	156	149	167	167	173
С. средне по всем дням	148	135	130	131	136	147	156	166	170	172	170	168	168	169	173	174	176	175

					Средн. суточн.	
19	20	21	22	23		
177	178	176	178	178	176	166
156	150	157	150	144	143	135
176	165	154	160	154	143	145
165	165	166	168	166	162	151
170	176	166	166	167	160	153
172	171	168	168	166	160	163
178	178	177	176	170	166	165
167	156	154	159	159	156	156
176	172	172	172	176	167	159
166	161	161	165	165	160	148
148	150	154	159	145	134	149
177	178	170	168	161	161	158
178	178	178	172	170	161	165
186	178	178	178	172	166	172
168	168	167	168	167	160	167
178	178	177	172	171	171	166
192	178	172	172	171	161	170
186	184	186	186	184	178	174
166	167	167	167	162	156	152
160	166	168	166	165	156	160
176	178	184	182	182	172	169
184	181	176	172	172	168	173
178	178	178	178	181	172	170
192	197	194	184	183	178	182
182	178	181	188	181	170	178
192	193	178	178	167	160	178
177	172	176	172	168	154	163
182	178	176	170	172	167	169
225	178	150	160	165	156	171
145	156	154	150	154	134	144
183	158	156	160	150	146	139
176	173	170	170	167	160	162

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Месяц август Год 1961

$\bar{z} = 57300 + \dots$ $\bar{\epsilon}_z = 3.47^\circ$ $\bar{z}_0 = 57391^\circ$

Дни	Время																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
1	49	46	42	38	36	38	42	46	49	48	50	50	48	48	48	48	48	
2	46	42	35	28	25	32	41	55	56	60	66	68	66	62	60	58	50	52
3	50	48	44	45	44	50	54	54	57	62	62	59	58	56	54	52	52	52
4	42	36	36	36	36	38	44	46	47	50	53	54	50	51	50	48	45	47
5	49	44	46	46	43	38	37	40	46	53	58	57	54	50	49	49	50	50
6	42	38	36	32	29	30	32	35	38	44	44	45	45	46	46	46	48	48
7	50	48	42	36	36	40	39	40	42	46	46	45	46	46	46	46	46	46
8	46	44	40	36	34	36	39	48	54	56	59	60	56	54	51	50	50	48
9	44	40	37	37	38	38	40	44	48	52	53	52	49	49	48	47	47	48
10	46	39	36	34	38	44	44	47	53	58	60	62	62	59	54	54	54	54
11	46	42	39	36	34	30	28	36	40	52	57	61	64	64	60	58	58	53
12	41	35	25	22	28	31	38	45	48	51	52	48	44	44	44	44	47	44
13	43	38	36	37	38	36	37	39	38	43	46	46	43	43	43	43	43	44
14	47	38	34	34	36	38	40	42	45	48	46	48	45	45	44	44	46	45
15	40	38	38	34	34	34	33	38	42	47	51	50	44	44	43	44	43	43
16	40	37	31	28	31	34	32	33	42	46	48	46	42	40	40	40	42	41
17	42	40	34	30	25	28	28	28	32	42	49	46	40	40	40	40	40	40
18	40	38	33	33	30	32	37	40	44	46	46	42	40	40	38	38	40	40
19	37	34	34	32	28	33	34	37	41	48	56	58	55	52	49	48	47	46
20	44	40	34	30	29	35	36	38	40	44	47	48	45	44	42	42	43	43
21	48	46	45	42	38	34	34	38	41	43	44	42	42	42	42	41	42	42
22	42	40	36	34	33	34	37	40	42	42	42	40	38	38	40	39	39	39
23	42	34	31	28	30	32	33	35	37	40	40	40	39	39	40	40	40	40
24	38	36	34	32	31	33	35	34	34	35	34	34	36	36	38	38	40	39
25	34	33	31	30	28	28	34	35	35	35	38	34	38	39	38	38	40	40
26	38	35	26	21	23	23	25	32	35	37	38	36	34	38	37	37	38	38
27	36	32	32	28	26	30	34	40	40	40	40	40	38	38	40	40	40	40
28	38	30	23	21	22	28	32	37	38	38	37	37	37	39	39	38	39	39
29	42	40	34	29	28	32	36	41	41	40	39	35	35	36	38	38	38	37
30	37	32	27	22	24	31	39	42	44	46	54	59	60	56	57	53	44	42
31	42	40	40	40	42	42	45	48	56	56	53	50	46	46	46	46	44	40
С. ранее по всем дням	43	39	35	33	32	34	37	40	43	47	49	48	46	46	45	45	45	44

					Средн. суточн.				
19	20	21	22	23	19	20	21	22	23
48	50	50	50	52	50	47			
52	51	52	50	50	50	50			
50	46	48	50	50	48	52			
48	48	49	51	50	49	46			
48	46	46	50	50	48	48			
47	46	46	46	49	50	42			
46	46	46	46	48	46	44			
47	44	47	53	54	49	48			
48	48	48	52	52	52	46			
54	50	52	54	54	52	51			
52	52	50	46	46	45	48			
44	44	43	45	46	46	42			
43	43	43	45	48	49	42			
44	44	44	46	45	42	43			
43	43	43	44	48	47	42			
41	41	41	42	46	42	39			
40	39	40	42	46	44	38			
40	40	40	43	47	44	39			
46	46	45	46	48	47	44			
46	46	44	45	48	47	42			
42	42	42	42	44	44	42			
39	39	38	40	42	42	39			
40	40	40	41	42	42	38			
36	38	38	39	42	38	36			
39	38	40	40	38	38	36			
38	37	37	34	38	37	34			
40	40	40	40	42	40	37			
40	39	38	40	43	43	36			
34	24	30	37	40	40	36			
46	46	45	47	44	44	43			
36	36	40	44	45	43	44			
44	43	43	45	46	45	42			