

Ведомство СВКН ИИ
 Обсерватория Магадан
 Месяц апрель Год 1978

Широта 60° 07' Долгота 151° 01'

Элемент Угол наклона
 $D = -12^{\circ} 00.0 + \delta D = 0.486 = D_0 = -12^{\circ} 48.6$

Время мировое																							сречн.			
Дни	1	2	3	4	5	6	7	8	9	10	11	13	14	15	16	17	18	19	20	21	22	23				
1	62.8	67.3	76.2	75.9	76.3	76.1	73.5	69.9	67.9	67.7	67.2	66.9	66.6	66.1	65.8	65.3	66.2	67.7	64.8	63.7	63.7	62.8	62.8	63.8	67.8	
2	68.9	71.3	73.7	76.7	73.5	72.3	71.0	68.9	67.4	66.8	66.8	64.3	61.6	64.3	65.9	65.6	65.1	67.2	65.7	65.8	62.1	58.2	65.2	63.0	67.1	
3	62.3	65.3	69.2	72.1	74.5	78.3	79.0	72.8	69.7	70.4	68.9	67.2	61.1	66.2	64.3	64.4	64.8	62.1	62.4	74.7	76.2	75.2	71.8	72.1	69.4	
4 D	74.5	79.8	80.4	80.9	80.4	79.4	76.2	70.8	69.2	67.4	66.9	67.1	66.4	65.8	65.6	65.1	65.8	59.2	59.1	76.0	79.8	81.3	76.7	84.4	72.4	
5	80.3	74.5	77.8	78.1	78.6	76.2	74.1	72.1	69.7	68.5	68.1	67.9	66.9	66.2	66.0	65.6	65.3	65.8	66.0	67.4	66.9	63.2	61.4	60.9	69.5	
6	64.5	67.6	71.1	73.0	74.2	73.3	71.8	68.9	66.2	65.9	66.2	65.3	64.0	65.7	65.0	65.8	65.8	66.4	66.4	65.8	65.0	64.0	62.1	62.8	67.0	
7 B	65.1	67.7	72.1	73.7	74.4	73.0	70.1	67.9	66.7	66.5	65.9	66.5	66.2	65.8	64.8	65.3	65.8	65.8	65.3	64.9	62.7	61.4	61.7	61.3	66.7	
8 Q	63.2	66.9	71.8	75.4	76.2	74.5	71.6	68.2	66.2	65.3	65.8	65.0	64.8	65.3	65.1	65.0	64.8	65.8	65.2	62.6	63.0	60.6	61.0	60.1	66.4	
9 Q	62.4	66.9	72.1	75.6	77.1	75.1	72.1	68.3	66.0	66.5	65.8	65.7	65.3	64.3	64.5	64.8	64.5	64.3	64.3	63.8	63.3	62.4	61.6	61.9	66.6	
10	62.9	65.4	69.3	72.3	73.7	73.8	71.7	69.2	67.3	65.3	65.7	65.5	65.4	62.8	62.4	60.1	62.4	62.1	58.0	55.8	53.8	53.4	75.2	65.0	64.9	
11 D	75.0	75.0	84.7	83.0	84.0	81.0	77.1	70.2	68.9	68.1	65.7	66.0	66.4	66.0	67.4	67.2	66.5	67.9	61.4	63.3	63.1	66.2	65.5	66.2	70.2	
12	71.7	75.9	77.9	75.7	76.5	76.2	74.5	71.3	67.5	67.9	67.1	68.7	68.9	67.7	66.9	66.4	65.3	64.3	67.7	66.9	65.7	63.4	64.7	65.8	69.4	
13	68.9	69.4	73.2	76.2	75.7	73.5	71.1	69.6	68.1	68.1	69.4	67.9	66.4	68.4	68.9	65.8	59.4	59.6	64.0	66.9	64.0	64.3	70.4	82.6	68.8	
14 D	83.3	77.3	74.7	77.9	81.2	79.9	76.8	75.4	71.6	67.7	57.5	56.0	56.2	64.7	67.4	65.3	66.4	63.8	64.5	67.9	66.7	64.0	63.0	65.3	68.9	
15	75.5	76.7	74.7	76.5	77.4	76.9	76.5	72.3	66.0	69.9	68.9	64.1	63.5	65.8	66.9	67.0	65.1	64.4	65.2	65.4	65.2	64.8	63.5	64.0	69.0	
16	65.5	66.1	69.4	72.7	75.9	75.2	73.0	70.5	68.9	67.7	64.0	65.3	65.9	66.0	66.2	65.8	65.4	64.6	64.4	64.3	62.8	62.2	61.4	61.1	66.8	
17 Q	64.5	67.2	70.8	73.7	74.5	73.7	71.0	68.9	67.7	67.6	67.7	67.0	66.7	66.1	65.4	64.5	64.6	64.3	63.8	63.1	62.4	61.1	60.8	60.6	66.6	
18	60.9	63.3	65.5	76.2	80.3	75.2	73.1	69.9	68.2	67.4	66.2	66.0	66.0	65.8	65.8	65.7	67.0	67.2	69.6	68.2	67.3	64.3	61.9	62.8	67.7	
19	64.5	67.6	69.4	70.7	71.9	73.3	73.3	70.3	73.1	70.3	68.2	67.1	65.5	61.6	63.5	65.2	61.1	61.1	63.0	73.7	63.5	62.3	62.6	63.0	66.9	
20	76.4	76.2	75.6	77.6	76.7	75.7	73.0	69.9	67.4	65.3	67.7	66.3	65.8	65.2	62.8	64.3	64.1	65.3	66.9	67.8	66.9	66.9	68.9	68.6	69.2	
21	67.1	67.7	70.1	72.0	74.0	75.0	73.6	69.4	67.7	67.2	66.9	66.2	64.5	64.3	66.1	66.1	65.7	64.8	64.5	64.7	65.1	64.0	62.4	62.4	67.1	
22	64.0	66.0	68.6	71.6	73.8	73.3	71.6	69.3	67.5	66.9	66.2	66.2	65.8	65.5	65.0	64.5	63.0	62.1	61.8	61.6	62.7	64.2	64.4	63.0	66.2	
23	64.1	65.9	72.3	75.3	74.6	76.2	74.6	70.9	66.7	68.4	66.5	65.3	65.5	66.3	65.5	75.3	61.6	60.9	60.6	60.9	59.0	61.6	68.2	69.3	67.3	
24 D	71.4	71.0	80.1	82.5	80.9	77.4	76.2	73.7	70.6	67.8	66.7	61.8	64.0	66.6	69.9	64.7	61.8	68.0	63.8	62.6	62.6	63.0	61.7	72.8	69.2	
25	70.8	68.9	76.6	75.7	76.9	76.0	73.1	70.6	69.2	66.2	66.6	65.8	64.0	65.8	66.2	65.3	63.6	62.6	61.8	60.9	61.9	62.4	63.3	64.8	67.5	
26	67.4	69.7	72.8	77.9	77.1	76.6	74.6	73.4	65.7	68.9	68.5	67.2	65.3	64.5	66.6	65.6	66.0	68.6	66.4	63.4	63.4	66.2	66.7	67.9	68.8	
27	69.6	69.2	72.8	74.5	75.2	76.0	73.1	71.3	68.7	66.7	59.7	63.8	65.4	66.0	65.0	65.2	65.5	60.4	63.0	61.9	59.6	61.9	63.9	67.4	66.9	
28	70.1	69.9	72.3	75.4	76.4	73.3	71.7	70.1	67.5	66.1	66.7	66.4	64.4	65.9	66.9	66.5	66.2	65.4	64.5	61.4	62.0	63.1	62.8	64.0	67.5	
29 Q	65.5	66.9	69.2	73.0	74.8	73.7	71.6	69.7	67.8	67.6	67.0	66.4	66.4	65.3	66.1	65.6	65.3	65.0	63.7	61.9	62.2	62.7	64.3	66.1	67.0	
30 D	67.6	67.0	71.3	74.7	76.1	76.3	74.2	71.6	68.2	65.0	64.0	68.9	66.4	60.4	62.4	62.1	53.5	55.5	59.2	59.6	60.3	60.9	68.7	68.1	65.9	
31																										
Среднее по всем дням	68.4	69.7	73.2	75.6	76.4	75.5	73.5	70.5	68.1	67.4	66.3	65.8	65.0	65.3	65.7	65.5	64.3	64.1	63.9	64.9	64.1	63.7	65.0	66.0	67.8	
Среднее по наблюдению	64.1	67.1	71.2	74.3	75.4	74.0	71.3	68.6	66.9	66.7	66.4	66.1	65.9	65.4	65.2	65.0	65.0	65.0	64.5	63.3	62.7	61.6	61.9	62.0	66.7	
Среднее по всем	74.4	74.0	78.2	79.8	80.5	78.8	76.1	72.3	69.7	67.2	64.2	64.0	63.9	64.7	66.5	64.9	62.8	62.9	61.6	65.9	66.5	67.1	67.1	71.4	69.3	

Тоддильская З.Т.

Затравкина

Ведомство СВКННИ
 Обсерватория Магадан
 Месяц апрель Год 1978

Широта 60°07 Долгота 151°01

Элемент Горизонтальная составляющая
 $H = 17900^+$ $\epsilon_H = 2.15 \text{ \%/мм}$ $H_0 = 17963^+$

Время мировое																							Ср.			
Дни	1	2	3	4	5	6	7	8	9	10	11	13	14	15	16	17	18	19	20	21	22	23				
1	146	136	134	150	164	171	177	181	188	184	183	188	189	190	191	188	190	192	183	178	173	171	176	163	174	
2	145	150	148	160	172	184	190	192	193	193	191	189	187	186	191	192	190	190	184	173	160	162	179	164	179	
3	151	147	152	163	182	178	167	172	184	171	163	164	180	166	175	188	195	212	158	160	139	149	110	109	164	
4 D	89	95	110	130	148	141	183	198	202	193	193	193	192	190	189	187	192	147	160	120	121	122	112	53	153	
5	79	105	116	128	135	136	155	169	175	184	187	183	182	182	187	186	179	180	184	189	196	194	176	151	164	
6	133	127	127	142	150	173	182	182	180	179	182	186	183	189	187	189	193	186	188	189	190	186	173	152	173	
7 Q	138	138	144	160	177	192	195	192	192	191	191	193	193	194	195	193	191	189	192	192	194	187	175	158	182	
8 Q	141	129	122	146	168	189	201	204	201	198	197	198	200	199	199	199	196	193	195	192	194	189	183	164	183	
9 Q	144	133	138	152	174	188	201	197	199	191	194	197	199	197	199	202	201	201	198	199	195	193	187	172	185	
10	152	146	154	171	188	199	207	207	201	198	199	202	204	229	233	212	227	233	214	206	210	188	173	152	196	
11 D	111	75	117	122	134	140	151	160	174	177	179	189	199	200	194	193	188	169	180	158	155	156	169	152	160	
12	81	67	120	132	149	165	180	174	179	186	172	191	185	182	187	182	178	173	164	175	169	167	161	138	161	
13	133	133	136	155	176	190	206	201	193	196	192	190	194	192	192	184	171	164	168	172	187	172	144	86	172	
14 D	107	122	130	132	134	168	169	191	182	184	161	130	111	132	162	168	167	166	156	138	152	166	151	125	150	
15	99	104	133	147	155	168	184	173	182	184	187	183	176	174	165	171	176	168	171	172	173	171	167	155	164	
16	140	127	133	147	164	174	196	194	195	195	190	188	182	184	182	181	180	178	176	178	178	174	171	154	173	
17 Q	146	143	147	159	177	184	198	201	194	192	186	190	192	193	196	195	188	192	192	191	188	182	177	165	182	
18	163	159	150	140	151	166	183	195	182	184	186	193	195	200	201	201	204	201	201	190	190	192	184	173	183	
19	163	165	171	187	196	209	204	198	189	194	190	190	188	180	183	174	165	162	164	152	180	167	152	123	177	
20	96	87	115	141	159	173	187	187	184	188	193	180	190	191	190	199	183	193	189	191	184	176	166	154	171	
21	144	133	134	145	157	176	188	194	193	192	192	193	191	204	197	182	184	184	179	178	167	172	160	146	174	
22	132	128	135	145	162	178	189	197	197	197	202	204	210	208	210	201	198	198	199	193	179	171	166	153	181	
23	137	123	122	146	171	191	202	206	211	202	194	199	206	207	224	210	183	180	777	165	165	161	165	159	179	
24 D	101	89	97	124	161	175	174	169	196	162	166	165	163	172	179	175	156	147	163	164	162	163	153	122	154	
25	137	130	111	150	173	180	188	203	180	183	187	183	193	184	183	181	184	179	177	172	170	171	162	156	172	
26	139	140	133	142	169	206	206	203	182	189	191	197	188	193	192	192	191	184	180	179	172	165	160	152	177	
27	149	138	131	146	165	193	192	204	194	206	197	198	193	195	189	186	183	179	177	177	174	161	150	141	176	
28	137	127	126	133	154	167	186	201	195	198	192	193	189	193	188	182	180	176	173	161	160	169	160	150	170	
29 Q	140	131	146	160	181	188	201	201	202	195	191	195	195	191	188	186	184	186	175	165	162	159	152	147	176	
30 D	138	133	132	142	172	182	200	193	194	203	238	214	249	226	213	212	123	153	165	167	159	133	119	146	175	
31																										
Среднее по всем дням	130	125	132	147	164	177	188	191	190	190	189	189	190	191	192	190	184	182	180	175	174	170	160	144	173	
Среднее по спокойн. дн.	142	135	139	155	175	188	199	199	198	193	182	195	196	195	195	195	192	192	190	188	187	182	175	161	182	
Среднее по визуальн. дн.	109	103	117	130	150	161	175	182	190	184	187	178	183	184	187	187	165	156	165	149	150	148	141	120	158	

Поддольская З.Т. Проверил Зайра В.И.

Ведомство С В К Н И И
 Обсерватория Магадан
 Месяц апрель Год 1978

Широта 60°04 Долгота 151°01

Элемент Вертикальная составл.
 $Z = 52500^{\ast}$ $\sigma_z = 1.55 / \text{мм } Z = 52576^{\ast}$

Время мировое	1	2	3	4	5	6	7	8	9	10	11	
1	113	110	112	114	115	123	128	136	133	130	127	125
2	115	116	115	118	118	119	119	122	122	121	121	121
3	108	105	105	107	110	117	128	133	133	144	148	146
4 D	93	98	110	119	133	141	144	149	133	123	122	122
5	102	119	130	128	129	140	139	141	136	133	130	127
6	127	127	123	121	124	127	127	128	127	127	126	124
7 Q	121	122	120	120	121	125	126	125	123	122	120	120
8 Q	116	114	118	124	126	124	124	125	122	120	119	118
9 Q	113	111	108	109	112	119	122	123	125	121	120	119
10	114	111	105	102	105	113	117	118	118	118	117	116
11 D	96	96	122	139	154	169	168	164	149	137	133	133
12	101	116	133	131	130	130	132	137	141	141	144	139
13	111	113	115	120	122	122	125	125	123	127	130	132
14 D	96	99	113	118	125	133	142	147	138	137	153	137
15	110	119	122	121	127	130	135	139	146	143	137	137
16	118	117	122	119	122	123	123	122	125	127	126	126
17 Q	113	110	109	111	115	119	122	127	128	129	130	130
18	110	105	96	99	113	120	121	125	128	125	122	122
19	110	110	109	111	112	116	130	164	158	140	133	135
20	105	110	122	122	121	122	126	127	126	129	131	131
21	114	115	116	114	117	125	129	130	128	125	122	121
22	112	111	112	112	113	116	119	122	122	120	119	118
23	101	101	99	99	102	111	120	126	136	140	136	128
24 D	96	102	119	133	130	147	168	147	160	167	153	130
25	105	102	107	113	116	117	119	127	135	143	144	138
26	107	107	105	108	110	121	138	146	145	133	125	123
27	110	108	108	106	106	116	119	123	123	126	127	123
28	110	110	108	111	119	123	123	128	134	135	128	127
29 Q	110	107	110	107	107	114	120	122	126	127	126	124
30 D	105	102	105	109	113	116	122	126	131	133	138	155
31												
Среднее по всем дням	109	110	113	116	119	125	129	132	132	131	130	128
Среднее по спокойн. дн.	115	113	113	114	116	120	123	124	125	124	123	122
Среднее по возмущ. дн.	97	99	114	124	131	141	149	147	142	139	140	135

13	14	15	16	17	18	19	20	21	22	23	Ср.	
122	122	121	120	118	109	109	113	115	116	115	113	119
120	119	119	119	118	116	105	102	97	102	105	107	115
129	112	120	119	107	78	53	41	40	30	49	74	102
121	120	119	119	110	59	19	14	31	42	65	86	100
126	124	124	120	120	122	124	124	119	117	119	123	126
121	122	119	117	113	114	117	119	119	117	116	119	122
119	119	119	117	118	118	119	116	116	116	116	116	120
117	117	116	116	116	115	110	110	110	110	112	113	117
117	116	116	115	115	114	115	114	111	110	113	113	115
116	113	111	107	107	94	98	102	100	96	102	85	108
130	124	121	120	115	118	112	109	113	105	94	91	126
127	127	126	123	115	112	106	110	114	116	113	110	124
131	128	117	96	99	99	103	106	96	89	92	90	113
115	105	93	106	104	102	108	105	99	103	106	110	116
131	131	128	110	113	119	117	116	117	118	118	117	125
126	125	123	122	122	121	120	119	116	115	112	112	121
127	123	122	120	119	119	120	121	120	116	110	110	120
121	120	119	119	117	116	117	113	111	107	106	107	115
136	102	104	93	65	95	103	62	80	99	104	103	111
127	124	116	102	99	109	109	110	113	115	113	113	118
120	118	108	111	115	116	117	116	110	109	111	113	118
117	116	117	116	115	114	116	115	113	111	111	105	115
121	118	116	82	79	105	113	107	102	97	93	91	109
127	127	110	86	80	75	93	110	114	117	114	110	121
130	125	124	123	119	110	104	109	113	115	113	111	119
122	120	119	119	118	111	104	102	103	107	108	109	117
124	124	123	113	101	99	104	107	109	105	103	104	113
125	122	120	119	120	119	117	114	113	108	105	107	119
123	122	119	119	119	116	112	108	110	106	105	105	115
161	150	130	99	83	113	121	125	124	114	104	103	120
125	121	118	112	109	108	106	105	105	104	105	106	117
121	119	118	117	117	116	115	114	113	112	111	111	117
131	125	115	106	98	93	91	93	96	96	97	100	117

Подпись: Людская З.Б. Проверил: Затравкина

Ведомство СВК Н И И
 Обсерватория Магадан
 Месяц апрель Год 1978

Широта 60°07 Долгота 151°01

Элемент Полная сила
 $T = 55600^{\circ} +$ $\sigma T = 1.87^{\circ}/мм.$

$T_0 = \sigma_1/\bar{m} - 10/\bar{m} = 55623^{\circ}$
 $\sigma_{11}/\bar{m} - 30/\bar{m} = 55621^{\circ}$

Время мировое	1	2	3	4	5	6	7	8	9	10	11	13	14	15	16	17	18	19	20	21	22	23	Сред.			
1	21	17	17	25	33	40	47	56	56	51	49	47	45	46	43	42	33	31	32	34	32	35	30	38		
2	24	27	25	31	35	41	43	46	47	45	45	44	44	41	43	43	39	30	28	20	21	20	22	35		
3	19	16	17	22	31	38	44	49	54	60	61	59	49	29	40	43	33	13	-29	-43	-48	-56	-51	-26	18	
4 D	-17	-9	9	23	43	53	63	74	60	48	46	46	45	44	43	43	37	-26	-59	-80	-63	-52	-34	-33	13	
5	-9	16	28	31	32	43	49	58	54	54	51	49	46	45	46	44	41	43	45	47	45	44	38	34	41	
6	30	29	27	29	34	45	48	49	46	46	46	46	43	45	43	41	38	37	41	42	43	40	35	32	40	
7 Q	28	29	29	33	41	49	51	49	48	45	45	46	45	45	45	43	42	42	44	42	43	39	35	29	41	
8 Q	23	18	19	32	42	47	51	54	49	46	45	45	45	45	44	44	42	40	37	35	36	35	34	30	39	
9 Q	23	16	16	20	31	42	51	50	51	45	45	45	46	44	44	44	43	42	43	43	37	36	36	32	39	
10	26	21	19	20	30	39	46	47	45	45	45	45	45	45	50	50	40	45	35	32	33	32	20	19	1	35
11 D	-8	-18	19	37	56	71	73	72	62	54	51	54	55	49	44	44	37	33	31	21	26	16	11	3	37	
12	-12	-2	31	32	37	43	48	54	58	60	59	59	46	45	46	44	33	28	20	28	29	30	25	14	36	
13	14	16	19	30	39	43	52	50	46	51	51	53	54	50	39	18	16	14	20	23	19	7	-1	-20	29	
14 D	-8	-1	15	20	28	45	55	67	56	56	62	38	11	9	5	21	19	16	19	11	9	19	16	11	25	
15	14	12	25	29	36	44	55	55	64	61	58	56	48	46	41	27	31	33	33	32	34	33	31	28	38	
16	24	19	24	27	35	39	47	45	49	51	47	47	45	44	43	42	41	40	38	37	35	31	28	23	38	
17 Q	20	17	17	23	31	40	46	52	51	51	50	51	48	46	45	44	41	43	43	43	42	36	29	24	39	
18	23	17	5	6	21	34	40	48	46	45	44	44	44	44	45	44	44	42	43	36	33	30	28	24	35	
19	24	24	26	31	35	46	56	87	76	61	53	57	57	21	22	12	-19	8	16	-24	0	14	15	5	29	
20	-3	-1	19	28	31	38	45	46	45	49	53	49	48	46	39	28	20	31	30	33	33	31	28	23	33	
21	20	17	19	21	29	43	49	53	50	47	45	43	43	44	33	31	35	37	36	35	25	27	24	21	34	
22	15	13	15	18	27	33	41	46	46	45	44	45	46	45	45	42	41	41	41	38	32	28	26	14	34	
23	6	2	-1	7	19	33	46	53	64	64	58	52	48	45	49	14	2	26	31	21	16	11	8	4	28	
24 D	-11	-9	11	32	42	63	82	61	83	76	64	44	39	42	28	5	-6	-15	7	23	27	30	24	9	31	
25	11	4	3	21	33	36	40	53	53	61	64	57	52	44	43	42	39	29	23	26	28	30	26	22	35	
26	13	14	9	14	26	47	64	71	62	53	46	48	44	43	43	42	41	31	25	22	21	21	21	18	35	
27	18	14	11	14	21	38	42	49	46	53	51	48	47	47	48	44	34	23	19	23	26	26	17	13	31	
28	14	11	9	14	30	38	43	53	58	58	50	49	45	45	41	39	38	37	33	27	26	24	18	15	34	
29 Q	14	10	16	19	27	34	45	47	52	51	48	48	47	47	44	41	40	40	37	29	23	22	18	14	32	
30 D	11	7	9	15	29	36	47	49	54	58	77	83	101	84	58	34	-15	21	35	39	35	17	3	10	37	
31																										
Среднее по всем дням	12	12	17	23	33	43	50	55	54	53	52	50	47	44	41	36	30	28	26	23	23	21	18	14	34	
Среднее по спокойн. дн.	22	18	19	25	34	42	49	50	50	48	47	47	46	45	44	43	42	41	39	37	36	33	30	25	38	
Среднее по возмущ. дн.	-7	-6	13	25	40	54	64	65	63	58	60	53	50	46	36	29	14	6	7	3	7	6	4	0	29	

Мелкие обозначения: ...

Работал Люддевальская З.П. Проверил Затравкина В.Ф.