

Ведомство СибУЗМИС

Широта

Долгота

Элемент Склонение

Обсерватория Иркутск

Месяц август Год 1978

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

$E_D = 0.55 \text{ м/ч } D = -2^{\circ}29.1'$

Время мн-ровое Дни	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17																	19 20 21 22 23					Средн. суточн.				
	Q 1	16.0	16.6	18.7	21.7	23.6	25.0	26.0	26.3	25.4	24.4	23.1	21.2	21.7	21.7	21.8	21.7	21.7	21.1	21.1	20.1	19.0		17.8	15.7	13.9	21.1
2	15.5	16.3	18.1	19.6	21.1	23.2	24.7	25.6	25.4	23.8	21.8	21.0	21.2	21.4	21.4	21.2	21.2	20.5	20.0	20.0	19.9	18.8	18.4	15.7	13.4	20.4	
3	13.7	14.4	17.3	19.8	23.6	25.3	27.7	27.9	27.2	25.5	21.9	19.6	21.4	22.5	22.2	21.9	19.7	20.0	20.0	20.0	17.5	17.4	17.6	17.3	17.0	14.8	20.6
D 4	18.0	19.7	18.4	22.2	27.8	28.0	30.0	30.7	29.6	25.0	21.6	20.2	20.6	21.9	21.2	21.7	20.3	21.3	20.2	20.2	20.8	21.3	18.6	15.8	14.4	22.0	
5	13.5	13.7	16.1	21.4	25.6	27.2	28.1	28.3	25.5	25.5	22.0	18.2	18.7	19.7	19.3	21.1	20.7	19.7	20.7	21.4	22.0	19.8	15.5	13.6	20.8		
6	12.9	13.6	15.3	20.2	23.8	26.2	27.7	28.5	26.6	24.9	23.1	20.9	17.9	17.0	18.7	18.7	19.1	20.9	22.0	22.1	20.9	19.0	17.4	15.5	20.5		
7	13.9	12.6	13.6	16.6	20.0	23.6	25.8	26.4	25.6	24.0	22.0	20.9	20.6	20.8	20.3	21.4	21.2	21.0	20.6	21.0	20.8	20.7	18.2	15.4	20.3		
8	14.5	14.3	16.1	19.8	24.0	28.7	30.9	30.6	27.9	25.1	22.7	20.7	20.0	19.9	20.4	20.3	21.7	20.9	21.0	20.9	20.3	18.8	17.5	14.9	21.3		
9	13.7	14.4	17.0	23.8	23.6	27.6	29.1	28.1	26.9	24.1	22.1	20.3	20.4	20.6	21.4	21.4	21.9	21.6	20.4	20.9	21.4	20.5	18.6	18.0	21.5		
10	18.7	18.1	19.2	20.9	23.0	24.9	26.3	26.0	24.7	23.7	22.7	21.9	21.3	21.0	19.7	19.0	20.9	20.9	20.9	20.1	19.2	18.7	18.1	16.0	21.1		
11	15.0	14.8	16.7	18.8	22.0	24.8	25.8	26.1	26.0	25.0	23.3	22.0	21.1	20.9	21.2	20.7	19.3	19.1	19.1	18.5	18.2	18.0	16.6	15.4	20.4		
12	14.7	15.3	17.4	21.4	24.0	25.5	28.0	28.2	28.5	28.6	26.4	23.7	21.7	23.2	23.1	22.5	20.9	20.3	20.9	19.6	21.0	21.4	17.3	16.0	22.1		
13	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	
14	16.1	17.0	18.2	19.9	20.9	23.7	26.1	26.3	24.7	23.6	20.4	19.0	19.4	20.3	23.1	22.6	22.1	20.4	21.3	21.2	20.9	20.0	17.4	14.4	20.8		
Q 15	15.9	16.0	16.8	18.7	20.6	21.8	23.2	24.1	23.6	22.9	21.5	20.5	20.5	21.1	21.5	21.4	21.3	20.9	20.9	20.9	18.8	18.3	17.0	15.9	20.1		
16	14.3	13.7	15.2	18.0	20.9	23.7	26.0	26.3	25.3	24.2	23.1	21.4	21.1	21.3	21.5	21.5	20.9	20.3	19.6	19.2	18.7	17.9	16.5	15.3	20.2		
17	14.8	14.4	16.0	17.6	20.6	23.2	24.2	25.0	25.8	25.4	24.0	22.4	22.9	22.9	21.8	21.5	21.0	19.9	19.5	18.7	17.6	17.3	15.5	15.1	20.3		
18	12.6	16.6	17.8	20.9	23.6	26.2	28.3	27.8	25.7	23.0	21.7	21.4	21.4	22.5	21.9	22.0	21.3	20.5	17.5	20.9	15.9	14.8	18.3	14.3	20.7		
19	11.5	14.7	17.0	20.2	22.9	25.4	26.8	26.9	25.2	22.5	21.6	20.6	19.0	19.6	17.9	20.3	21.4	20.8	20.7	20.0	20.1	19.1	17.8	17.0	20.4		
Q 20	15.8	15.9	17.0	18.7	23.4	26.2	27.4	27.2	25.2	22.9	20.9	20.3	20.6	21.2	21.6	21.4	20.9	20.3	20.3	19.5	19.2	18.8	17.9	16.0	20.8		
21	13.3	12.5	14.4	17.8	20.5	23.0	25.1	26.3	25.9	24.7	22.5	20.7	20.9	21.6	21.5	20.9	20.2	20.3	20.2	19.8	19.5	18.7	20.2	18.4	20.4		
22	17.1	16.0	18.0	22.2	23.9	25.8	27.4	28.7	27.9	25.9	23.3	21.4	21.0	21.4	21.3	20.9	20.7	20.0	19.8	19.2	19.4	19.2	18.4	16.5	21.5		
Q 23	15.0	15.2	16.7	19.3	22.0	25.0	27.1	27.4	25.8	24.8	23.0	20.9	21.3	21.5	21.4	21.0	20.9	20.4	19.5	19.7	19.5	19.5	18.7	17.0	20.9		
24	15.3	14.5	15.9	17.8	21.7	24.7	27.8	28.9	27.7	26.0	24.0	23.2	21.8	21.4	21.3	20.9	20.6	20.8	20.1	20.0	19.5	19.3	18.3	16.0	21.1		
25	13.7	14.0	16.0	17.6	21.1	24.0	27.3	28.1	26.6	25.1	22.6	21.4	20.6	20.5	20.9	21.4	21.4	20.8	19.5	19.7	20.0	19.8	18.7	18.1	20.8		
Q 26	17.4	18.1	18.1	19.5	22.0	24.5	26.4	26.5	25.2	23.2	21.4	20.7	20.6	21.1	21.2	21.4	21.4	20.9	20.6	20.3	20.1	19.6	18.1	16.5	21.0		
27	14.7	14.8	15.2	18.1	21.5	23.2	25.0	25.8	24.7	24.3	22.2	20.6	23.1	15.2	19.2	17.9	19.3	17.8	19.8	18.6	18.2	18.1	16.5	14.9	19.9		
D 28	16.7	18.1	21.7	26.5	29.3	26.4	28.0	26.5	29.2	25.0	22.5	17.4	23.0	2.4	12.0	12.1	16.5	20.3	21.4	21.1	24.7	23.4	20.9	20.7	20.7		
D 29	19.3	21.1	24.4	25.3	26.2	26.0	27.4	27.9	24.7	25.2	20.4	14.3	18.0	14.2	21.2	21.8	21.9	22.6	19.3	19.2	19.6	20.3	20.6	18.9	21.7		
D 30	18.3	21.0	21.7	23.8	26.2	26.9	26.2	24.1	22.8	21.9	18.1	18.0	21.7	17.4	18.0	22.5	19.6	18.7	18.2	18.8	23.4	18.5	20.3	21.6	21.2		
D 31	21.8	20.7	23.2	25.2	26.3	27.3	26.1	24.7	21.5	14.8	20.3	20.6	13.8	22.9	20.1	15.7	23.6	20.7	20.6	23.0	21.8	18.2	15.1	13.6	20.9		
Среднее по всем дням	15.5	15.9	17.6	20.3	23.2	25.2	26.9	27.0	25.9	24.2	22.0	20.7	20.5	20.0	20.6	20.6	20.8	20.5	20.2	20.0	19.9	19.0	17.7	16.0	20.8		
Средн. по сут. дн.	16.0	16.4	17.5	19.8	22.3	24.5	26.0	26.3	25.0	23.6	22.0	20.7	20.9	21.3	21.5	21.4	21.2	20.7	20.5	19.8	19.3	18.8	17.5	15.9	20.8		
Средн. по сут. дн.	18.8	20.1	21.9	24.6	27.1	26.9	27.5	26.8	25.4	22.4	18.6	18.1	19.4	15.8	18.5	18.8	20.4	20.7	19.9	20.6	22.2	19.8	18.5	17.8	21.3		

Обработал Каримова

Проверил Брунько



Ведомство СибИЗМИР  
 Обсерватория Иркутск  
 Месяц август Год 1948

Широта Долгота

Элемент Горизонтальная освещенность

$H = 19480^{\circ}$   $E_H = 3.2 \frac{1}{\text{мин}} H = 19491^{\circ}$

Время мн-ровое Дни	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	19	20	21	22	23	Средн. суточн.				
1 Q	108	96	90	93	96	99	108	118	124	117	115	119	118	123	127	129	131	131	131	124	121	118	110	116			
2	105	99	98	98	102	104	108	121	135	140	140	130	127	128	129	129	130	130	130	127	124	123	127	121	119	121	
3	105	96	96	111	103	102	116	130	135	144	145	122	106	126	131	140	143	140	140	118	124	124	130	122	104	121	
4 D	85	82	60	38	77	92	100	102	122	122	78	78	82	107	107	105	113	117	117	114	124	118	117	115	106	98	
5	87	70	56	48	57	80	90	95	83	98	96	87	89	99	118	106	105	108	108	114	113	111	117	109	102	93	
6	86	79	70	53	51	45	64	75	104	114	113	109	105	102	103	98	97	101	101	108	108	106	106	106	98	92	
7	83	74	67	63	66	73	85	95	101	113	112	115	113	110	109	112	112	112	112	115	115	112	115	109	106	99	
8	97	80	70	65	72	83	95	102	107	109	110	109	115	115	113	122	127	121	121	122	121	120	121	116	106	106	
9	102	92	80	76	76	83	87	103	108	107	111	109	109	112	118	116	118	118	118	120	121	124	122	122	116	106	
10	105	93	84	78	83	95	104	112	114	120	115	108	115	113	120	124	120	116	116	118	117	119	118	122	116	110	
11	110	95	84	88	96	104	107	111	123	125	117	121	124	127	122	137	124	115	115	119	122	123	121	120	115	115	
12	105	94	79	71	72	69	74	84	96	122	107	65	83	102	112	109	112	119	119	110	107	107	110	110	105	97	
13	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
14	92	88	56	61	72	78	88	92	110	107	115	105	91	109	106	110	108	97	97	105	106	107	110	108	98	96	
15 Q	101	94	89	91	101	110	117	125	127	129	126	120	115	117	124	120	121	120	120	122	118	118	120	118	113	115	
16	104	97	86	82	89	99	110	122	131	138	136	127	123	127	129	130	130	131	131	132	131	122	117	118	113	118	
17	109	100	99	101	103	107	119	132	134	138	141	125	111	101	120	121	121	119	119	116	115	111	116	116	115	116	
18	94	89	88	87	97	109	121	132	136	132	130	121	122	141	129	131	127	129	129	114	128	96	92	110	91	114	
19	79	77	65	69	79	94	109	120	102	104	113	104	110	115	117	110	108	110	110	110	111	112	109	107	101	101	
20 Q	89	83	80	78	81	90	105	120	121	116	112	113	115	113	114	115	116	112	112	116	112	112	110	112	110	106	
21	98	84	76	72	73	81	92	103	113	119	121	122	121	122	122	123	119	119	119	121	122	128	118	113	117	108	
22	123	109	100	89	91	99	107	118	122	125	121	121	119	118	118	117	118	118	118	119	119	121	119	118	111	114	
23 Q	99	90	79	73	76	85	96	110	121	122	122	120	114	117	118	118	121	121	121	117	121	120	119	117	112	109	
24	97	89	82	89	95	101	115	131	133	129	127	126	128	130	132	135	128	129	129	131	131	132	126	123	117	119	
25	104	95	91	101	108	110	119	127	123	137	125	116	115	125	120	123	126	128	128	128	128	120	120	117	110	117	
26 Q	101	92	86	82	83	95	105	116	124	127	125	120	117	119	120	120	120	118	118	120	122	119	117	117	111	112	
27	98	90	91	103	107	123	123	119	134	127	105	95	93	103	71	90	109	112	112	131	91	87	82	92	79	102	
28 D	77	59	49	35	26	6	-34	-24	-5	-70	-45	-93	-66	-37	-29	17	23	17	17	24	21	18	23	32	35	2	
29 D	22	-6	24	32	13	20	39	16	67	65	47	41	43	79	60	65	75	82	82	80	68	63	66	68	69	50	
30 D	65	44	41	48	49	53	63	65	76	75	58	37	71	68	78	75	64	71	71	75	75	87	79	78	47	64	
31 D	37	17	20	23	33	45	56	71	56	62	63	63	99	81	71	113	65	62	62	76	83	87	71	69	52	61	
Среднее по всем дням	92	80	75	73	78	84	93	107	109	110	107	98	101	107	108	112	111	111	111	112	111	109	108	108	100	100	
среднее по ст. фидел	100	91	85	83	87	96	106	118	123	122	120	118	116	118	121	120	122	120	120	121	121	119	117	116	111	112	
среднее по воде фидел	55	35	39	35	40	43	45	46	63	51	40	25	46	60	57	75	68	70	70	74	74	75	71	72	62	55	

Обработал Михаилова Проверил Харитасова



Ведомство СНОИЗМИР  
 Обсерватория Циркутск  
 Месяц август Год 1978

Широта \_\_\_\_\_ Долгота \_\_\_\_\_

Элемент Вертикальная составляющая

$Z = 56840 +$

$C_2 = 2.5/100 Z = 56850^*$

Время мн-ровое																							Средн. суточн.			
Дни	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	19	20	21	22	23				
1 Q	79	78	69	68	72	79	78	80	81	80	80	83	81	82	82	82	81	82	81	81	84	87	87	80		
2	79	74	69	69	69	71	76	78	81	84	86	83	80	79	78	79	79	80	80	80	81	82	83	82	78	
3	80	74	68	64	63	66	69	69	72	77	84	88	84	83	83	83	83	79	80	81	82	84	84	82	78	
4 D	76	73	70	66	71	72	73	80	85	90	101	104	96	92	89	88	88	86	86	86	84	88	91	90	84	
5	86	81	78	74	76	79	87	96	99	95	100	102	96	96	91	89	89	88	87	84	82	82	84	85	88	
6	83	76	71	68	68	70	76	82	85	92	96	98	90	88	86	87	86	88	87	85	86	89	91	94	84	
7	89	86	83	80	74	76	78	81	86	92	94	90	87	86	85	86	86	85	85	84	84	85	85	87	85	
8	87	88	87	82	68	65	72	76	83	86	90	90	89	86	84	84	84	84	84	84	84	86	89	89	83	
9	86	83	78	77	74	75	75	78	82	88	90	89	84	84	84	84	84	84	84	84	84	86	86	85	83	
10	86	84	81	76	76	78	82	88	87	88	88	88	88	88	88	84	82	83	84	83	84	85	87	85	84	
11	86	85	82	84	79	72	72	78	81	84	83	84	84	84	84	84	80	82	84	84	83	84	84	82	82	
12	76	75	71	68	64	68	78	84	81	86	94	96	98	92	89	87	87	86	84	85	86	86	87	85	83	
13	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	
14	78	74	69	69	69	64	67	74	83	85	90	94	94	90	88	87	86	86	86	86	86	87	89	84	82	
15 Q	77	76	74	65	68	70	70	72	77	80	83	82	81	81	81	81	82	82	80	80	81	82	84	86	78	
16	84	74	70	64	64	64	69	75	77	81	84	83	83	82	81	80	80	81	80	80	80	81	82	82	77	
17	80	74	68	67	64	64	69	69	68	74	79	83	87	86	86	84	84	83	83	82	82	82	82	83	78	
18	85	85	84	81	82	79	77	70	70	74	80	80	82	82	79	80	81	83	83	82	82	82	82	83	78	
19	74	67	69	74	74	74	76	84	86	88	90	85	84	82	82	80	82	82	83	81	81	82	83	81	80	
20 Q	80	81	78	74	71	72	79	78	80	81	82	81	81	81	81	81	81	81	81	81	81	82	84	83	80	
21	88	86	80	77	78	76	74	74	80	85	87	84	82	81	81	80	81	81	80	80	81	82	82	82	81	
22	79	73	69	69	74	76	74	74	76	80	82	83	81	79	81	81	82	81	81	81	81	82	84	84	78	
23 Q	81	81	79	74	74	74	72	76	80	84	86	85	82	81	81	80	80	81	80	80	80	82	84	84	80	
24	86	83	77	74	72	69	69	74	78	78	81	82	80	79	81	79	79	79	78	78	78	78	80	82	78	
25	78	74	71	67	62	58	59	68	76	80	81	79	78	78	80	80	80	80	76	77	77	79	80	81	82	75
26 Q	79	73	67	68	64	62	67	75	78	80	81	81	80	80	80	79	79	79	80	78	78	78	80	82	76	
27	83	82	78	72	74	72	71	72	76	79	86	89	92	101	91	87	92	82	88	84	83	85	86	80	83	
28 D	75	70	66	66	66	71	80	134	157	200	206	202	166	139	112	112	114	114	111	108	104	92	90	86	114	
29 D	79	75	81	81	82	86	93	98	108	102	108	114	108	108	96	99	96	91	88	89	90	96	96	94	94	
30 D	89	85	81	80	84	94	98	99	101	104	109	108	104	101	96	96	94	94	86	90	80	83	84	80	92	
31 D	79	78	75	75	79	80	86	94	99	113	108	105	103	92	96	92	84	90	93	91	86	90	96	91	91	
Среднее по всем дням	82	78	75	72	72	73	76	81	85	90	93	93	90	88	86	86	85	85	84	83	83	84	86	85	83	
Среднее по 10-ти дням	79	78	73	70	70	71	73	76	79	81	82	82	81	81	81	81	81	81	81	81	80	80	82	84	85	79
Среднее по 5-ти дням	80	76	75	74	76	81	86	101	110	122	126	127	115	106	98	97	95	95	93	93	89	90	91	88	95	

Обработал Михаилова Проверил Карникова



Ведомство СибИЗМИФ

Широта

Долгота

Элемент Полный ветер

Обсерватория Иркутск

Месяц август Год 1978

$T = 60120^{\circ} +$   $t_T = 30^{\circ}/\text{мм}T = 60137^{\circ}$

Время мировое Дни	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17																	19 20 21 22 23					Средн. суточн.					
	Q 1	75	71	60	60	64	72	72	76	78	76	76	80	78	80	81	82	82	82	82	81	80		84	84	82	77	
2	74	68	61	62	63	65	70	75	81	86	88	84	80	78	78	78	80	80	80	80	79	80	82	82	81	76		
3	75	68	62	61	56	60	65	69	74	80	87	86	78	82	84	86	87	81	81	77	81	82	85	84	76	76		
D 4	67	56	54	44	56	62	64	72	82	87	87	88	85	86	84	82	85	82	82	82	82	79	86	88	85	76		
5	78	68	61	55	57	66	76	85	85	87	90	92	86	88	88	84	83	84	84	84	80	78	78	81	78	79		
6	75	66	57	49	48	48	59	68	78	86	92	92	85	82	81	79	78	81	81	81	81	80	84	86	86	75		
7	78	75	69	63	57	62	66	72	78	87	88	87	84	81	80	81	81	81	81	81	81	80	80	81	82	77		
8	80	77	73	67	54	52	62	68	76	81	85	85	86	82	80	81	84	81	81	81	82	82	82	86	88	87	78	
9	81	75	67	64	61	62	64	70	76	82	86	85	80	80	81	80	81	81	81	81	81	81	84	85	81	77		
10	81	75	70	64	66	69	75	82	82	86	85	82	85	84	86	84	81	81	81	81	81	81	82	87	83	80		
11	82	78	72	75	72	67	66	73	78	83	79	82	83	83	82	87	78	79	79	79	81	82	84	84	79	79		
12	73	67	60	54	50	52	62	73	72	83	89	79	87	85	85	82	84	85	85	85	80	80	81	82	84	80	75	
13	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	
14	69	60	51	52	55	52	57	63	78	79	87	87	86	87	81	82	81	78	80	80	80	80	84	85	78	74		
Q 15	72	68	66	62	62	64	68	72	76	80	83	80	78	78	81	78	80	80	80	80	79	78	78	81	82	84	75	
16	78	68	61	54	54	56	63	72	78	84	86	82	81	82	81	81	81	81	81	81	81	81	78	80	80	75		
17	77	69	62	62	59	61	67	70	72	76	81	82	82	78	85	83	83	81	81	81	81	80	80	81	81	75		
18	78	76	74	72	74	74	75	71	73	75	81	78	81	85	79	81	81	84	84	84	78	72	70	74	75	66	76	
19	63	56	55	60	63	66	72	81	78	81	87	80	81	80	80	77	78	78	78	78	78	78	78	78	75	74		
Q 20	72	72	67	63	60	64	73	75	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	75	
21	82	77	69	64	64	64	66	68	76	82	86	84	80	80	80	80	80	80	80	80	79	78	78	80	80	76		
22	78	69	63	60	66	69	69	73	75	78	81	81	78	78	78	78	78	78	78	78	78	78	78	82	81	75		
Q 23	75	73	69	61	62	63	64	72	78	81	85	84	80	78	78	78	78	78	78	78	78	78	78	80	81	76		
24	80	75	68	66	64	62	66	74	78	78	80	82	81	81	82	82	80	80	80	80	80	78	78	78	79	76		
25	74	67	63	62	57	55	57	68	74	81	80	76	76	78	78	79	79	81	81	81	78	76	78	78	78	73		
Q 26	74	67	57	57	54	55	62	73	78	80	80	79	78	77	78	78	78	78	78	78	78	78	76	78	81	80	73	
27	78	74	70	68	69	72	70	70	78	78	80	81	83	96	78	88	88	84	84	84	90	78	74	74	78	70	78	
D 28	64	54	47	43	39	40	38	92	99	□	□	□	115	111	74	86	88	85	85	85	85	85	66	68	63	72		
D 29	54	42	55	57	51	57	69	69	93	85	87	93	86	95	78	83	84	78	78	78	78	76	75	75	80	81	74	74
D 30	72	64	59	61	64	74	81	82	87	90	92	84	88	87	85	82	78	81	81	81	75	78	69	72	73	61	77	
D 31	56	51	48	49	55	60	69	78	81	97	91	88	98	80	81	86	68	74	74	74	80	78	76	77	83	73	74	
Среднее по всем дням	76	70	64	62	61	62	66	74	79	82	85	83	84	83	81	82	81	80	80	80	80	79	78	80	81	78	76	
спит. по слок. дн.	74	70	64	61	60	64	68	74	78	79	80	80	78	78	79	79	79	79	79	79	79	79	79	78	80	82	83	75
спит. по возд. дн.	63	53	53	51	53	59	64	79	88	90	89	88	94	92	80	84	81	80	80	80	80	80	79	75	76	79	72	75

Обработал Хаританова

Проверил Шихалова