
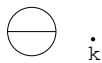
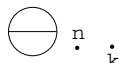


Апрель

Моменты геоцентрических явлений по всемирному времени						Конфигурации					
h m		h m		h m		h m		Zapad		Vostok d	
1 9 34	I HC	14 53	I CT	13 07	II HC	18 28	II KC	12'	10'	8'	0.0
10 47	I BT			13 59	I K3	20 22	II CT	6'	4'	2'	
11 45	I KC	9 8 47	I НП	15 10	II BT	22 55	III HC	0'	0'	0'	
12 57	I CT	10 22	II HC	15 42	II KC			2'	0'	2'	1.0
		12 04	I K3	17 46	II CT	24 1 27	III KC	4'	2'	4'	2.0
2 6 49	I НП	12 35	II BT	18 34	III HC	2 48	III BT	6'	4'	6'	3.0
7 39	II HC	12 57	II KC	21 05	III KC	5 19	III CT	8'	6'	8'	4.0
9 58	III HC	14 15	III HC	22 48	III BT	10 05	I HC	10'	8'	10'	5.0
10 00	II BT	15 10	II CT			11 02	I BT	12'	10'	12'	6.0
10 09	I K3	16 45	III KC	17 1 18	III CT	12 15	I KC	14'	12'	14'	7.0
10 14	II KC	18 48	III BT	8 04	I HC	13 13	I CT	16'	14'	16'	8.0
12 26	III KC	21 17	III CT	9 07	I BT			18'	16'	18'	9.0
12 35	II CT			10 15	I KC	25 7 17	I НП	20'	18'	20'	10.0
14 47	III BT	10 6 04	I HC	11 17	I CT	10 23	I K3	22'	20'	22'	11.0
17 15	III CT	7 11	I BT			10 47	II НП	24'	22'	24'	12.0
		8 14	I KC	18 5 17	I НП	15 20	II K3	26'	24'	26'	13.0
3 4 04	I HC	9 22	I CT	7 59	II НП			28'	26'	28'	14.0
5 16	I BT			8 28	I K3	26 4 35	I HC	30'	28'	30'	15.0
6 15	I KC	11 3 17	I НП	12 42	II K3	5 31	I BT	32'	30'	32'	16.0
7 26	I CT	5 11	II НП			6 46	I KC	34'	32'	34'	17.0
		6 33	I K3	19 2 34	I HC	7 42	I CT	36'	34'	36'	18.0
4 1 18	I НП	10 04	II K3	3 36	I BT			38'	36'	38'	19.0
2 24	II НП			4 45	I KC	27 1 47	I НП	40'	38'	40'	20.0
4 38	I K3	12 0 34	I HC	5 46	I CT	4 52	I K3	42'	40'	42'	21.0
7 26	II K3	1 40	I BT	23 47	I НП	5 15	II HC	44'	42'	44'	22.0
22 34	I HC	2 44	I KC			7 03	II BT	46'	44'	46'	23.0
23 45	I BT	3 51	I CT	20 2 29	II HC	7 51	II KC	48'	46'	48'	24.0
		21 47	I НП	2 57	I K3	9 40	II CT	50'	48'	50'	25.0
5 0 45	I KC	23 44	II HC	4 28	II BT	12 51	III НП	52'	50'	52'	26.0
1 55	I CT			5 05	II KC	15 25	III КП	54'	52'	54'	27.0
19 48	I НП	13 1 02	I K3	7 04	II CT	16 33	III H3	56'	54'	56'	28.0
21 01	II HC	1 53	II BT	8 29	III НП	19 06	III K3	58'	56'	58'	29.0
23 07	I K3	2 20	II KC	11 02	III КП	23 05	I HC	60'	58'	60'	30.0
23 17	II BT	4 09	III НП	12 33	III H3			62'	60'	62'	31.0
23 36	II KC	4 28	II CT	15 05	III K3	28 0 00	I BT	64'	62'	64'	32.0
23 51	III НП	6 40	III КП	21 04	I HC	1 16	I KC	66'	64'	66'	
		8 32	III H3	22 05	I BT	2 11	I CT	68'	66'	68'	
6 1 53	II CT	11 03	III K3	23 15	I KC	20 17	I НП	70'	68'	70'	
2 21	III КП	19 04	I HC			23 20	I K3	72'	70'	72'	
4 32	III H3	20 09	I BT	21 0 15	I CT			74'	72'	74'	
7 01	III K3	21 14	I KC	18 17	I НП	29 0 11	II НП	76'	74'	76'	
17 04	I HC	22 20	I CT	21 22	II НП	4 39	II K3	78'	76'	78'	
18 13	I BT			21 25	I K3	17 36	I HC	80'	78'	80'	
19 14	I KC	14 16 17	I НП			18 29	I BT	82'	80'	82'	
20 24	I CT	18 34	II НП	22 2 01	II K3	19 46	I KC	84'	82'	84'	
		19 30	I K3	15 35	I HC	20 40	I CT	86'	84'	86'	
7 14 18	I НП	23 23	II K3	16 33	I BT			88'	86'	88'	
15 47	II НП			17 45	I KC	30 14 47	I НП	90'	88'	90'	
17 35	I K3	15 13 34	I HC	18 44	I CT	17 49	I K3	92'	90'	92'	
20 44	II K3	14 38	I BT			18 38	II HC	94'	92'	94'	
		15 45	I KC	23 12 47	I НП	20 21	II BT	96'	94'	96'	
8 11 34	I HC	16 49	I CT	15 52	II HC	21 14	II KC	98'	96'	98'	
12 42	I BT			15 54	I K3	22 57	II CT	100'	98'	100'	
13 44	I KC	16 10 47	I НП	17 46	II BT			102'	100'	102'	

I, Апр. 14 $x_2 = +2.0, y_2 = +0.2$	II, Апр. 14 $x_2 = +2.5, y_2 = +0.3$	III, Апр. 13 $x_1 = +1.8, y_1 = +0.7$ $x_2 = +3.3, y_2 = +0.6$	IV, Апр. Затмений нет
I 	II 	III 	IV Zatmeniy net