

Kuv.	Pilotus							Märkeri			7061	
	7 ^a	10 ^a	13 ^a	16 ^a	19 ^a	21 ^a	22 ^a	7.21 ^a 21-7 ^a	Jack mid mm	Jack min mm		Emajoki
1	10Ns	10Ns	10St	10St	10St	10StAc	10StAc	0.0 2.6 0.1			* ^o n, 1a	10
2	10Ns	10Ns	10Ns	10St	10St	10St	10St	1.7 0.8 0.0			* ^o n, 1a; * ^o p	10
3	10St	10St	10Ns	10St	10St	10St	10St	0.1 1.7 0.1			* ^o n; * ^o a, 2, p	11
4	10Ns	10Ns	10Ns	10Ns	10Ns	10Ns	10Ns	3.1 2.5 0.0			* ^o n, a, 2, p, 3; * ^o p	12
5	10St	10Ns	10Ns	7St	10Ns	10St	9St	0.5 0.0 0.2			* ^o n, a, 2, p; Δ ^o p	15
6	10St	10St	10St	10St	10Ns	10St	10St	0.3 0.4 0.1			* ^o n, 18 ^a - 19 ^a 30 ^m	15
7	10St	10Ns	10St	10St	10St	10St	10Ns	0.1 0.2 0.0			* ^o n, a, p; * ^o n	15
8	10Ns	10Ns	10Ns	10Ns	10St	10St	10St	0.2 - 0.1			* ^o n, 1, a, 2, p	16
9	9StSe	10Ns	10Ns	10St	0	10St	10St	0.1 0.5 0.0			* ^o a, 2, p	16
10	10Ns	10As, Ci	10Cs, Ac	10Cs	0	0	0	0.3 - 0.0			* ^o n; * ^o → n, 1, a; 1.1 15 ^a 40 ^m - p	16
11	10Cs, As	10St	10As, St	10St	10St	0	0	- - 0.0			V n, 1, a, 2, p	16
12	10St	10St	10St	10St	10St	10St	10St	0.2 - 0.0			V, ≡ n, 1, a, 2, p; * ^o 1/p	14
13	10St	10As, Ac	10St	10St	10St	10St	10St	- - 0.0			V n, 1, a, 2, p; ≡ ^o p	14
14	10St	10St	10Ns	10Ns	10Ns	10Ns	10Ns	2.8 1.4 0.0			* ^o 10 ^a 15 ^m - a, 2, p, 3	15
15	10St	10St	10St	10St	10St	10St	10St	0.4 0.8 0.0			* ^o n, a, p	13
16	10Ns	10Ns	10St	10Ns	10Ns	10Ns	10Ns	4.8 9.1 0.0			* ^o n, 1a; * ^o a, p; ≡ ^o a, 2, p; * ^o p, 3	9
17	10Ns	10St	10Ns	10St	10St	10St	10St	0.3 2.5 0.2			* ^o n, 1; * ^o a, 3p; ≡ ^o a, 2, p	6
18	10St	10St	10≡	10≡	10Ns	10St	10St	1.5 - 0.2			* ^o n, p; * ^o ≡ a, 2, p	
19	0	0	0	0	0	0	0	- - 0.2			≡ a, p; V p, 3	
20	10St	10≡	0 4 Ci	0	0	0	0	- - 0.0			≡ n; V ² n, 1, a, 2, p	
21	0	0 0 Cs	0 0 Cs	0 Cs	0 Cs	0	0	- - 0.2				
22	10St, Se	0 10 Cs	0 10 Cs, Ac	10Cs, As	10As, St	10As, St	10As, St	- 0.0 0.6			* ^o 6 ^a 35 ^m - n, 1, a; * ^o 0 12 ^a 40 ^m - a, p	
23	10Ns	10St	10Ns	10Ns	10St	10St	10St	1.5 0.5 0.1			0 n, p; ≡ ^o a, 2, p	
24	10St	10St	10St	10St	10St	10St	10St	0.0 0.4 0.2			* ^o n; * ^o n, 1, a, 2, p; * ^o n	
25	10Ns	10St	10St	10St	10St	10St	10St	0.3 0.5 0.1			* ^o n, 10 ^a 30 ^m - a, 2, p	2
26	10St	10St	10Ns	10Ns	10St	10St	10St	0.5 2.5 0.0			* ^o n, 1, a, 2, p	4
27	10Ns	10Ns	10Ns	10Ns	10Ns	10Ns	10St	0.6 0.6 0.0			* ^o n; * ^o a	4
28	10St	10St	10St	10St	10St	10St	10St	0.0 - 0.2			* ^o 11 ^a 45 ^m - a, 2, p	4
29	10St	10St	10Ns	10Ns	10Ns	10St	10St	0.2 0.8 0.0			* ^o n, 1, a; * ^o n	3
30	10Ns	10StAs, Cs	0 7 Cs	9Ac, Cs	10Cs	10Cs	10Cs	0.0 - 0.2			* ^o 10 ^a 40 ^m - a, 2, p	3
31	10Se, As	10As, St	10Ns	10St	4St	8St	10St	0.1 0.2 0.1				
S	289	290	281	276	254	258	259	20.6 28.0 2.9				
W	9.3 _w	9.8 _w	9.1 _w	8.9 _w	8.2 _w	8.3 _w	8.3 _w					

1939

Kuusi. south Karulas

Fair Kate

Tammam 1939

Kenn. cont. Karulas

7/62

Use & mean 1939

Runp	Pirritus				Cloudiness			Saturated mm			Dewmm	Emphyp	Remarks
	7h	10h	13h	16h	19h	21h	22h	7h-21h	21h-7h				
1	10 St	10 St, Fs	10 St, Se, Cs	10 St	10 Ns	1 St	0	0.7	0.2	0.4			* n, 18 ^h 15 ^m - p
2	5 Se	01 Se	00	0	0 St	0 St	0	0.2	-	0.4			* n, a
3	2 Ci, Cs	10 Cs	10 Cs	10 St	10 Ns	10 Ns	9 Ns	0.8	-	0.1			V ^o a, 2, p; * 16 ^h 15 ^m - p; * p
4	10 Ns	10 Ns	10 St	10 As	10 Ns	10 Ns	10 Ns	0.8	7.4	0.1			* 1, a, p; * 20 ^h 45 ^m - p, 3
5	10 Ns	10 St	9 Se, Ac, As	8 Se, Ac	9 Se	4 As	6 As	0.0	-	0.0			* n; *, ^o a, ^o a, ^o a
6	10 St	10 St	10 St	10 St	10 St	10 St	10 St	0.2	0.7	0.1			^o a, 2, p; ^o a, 2, p
7	2 St, Cs	07 Cs	08 Cs	10 Se	10 St	10 Ns	10 Ns	0.3	0.1	0.4			^o n, 19 ^h 50 ^m - p
8	10 St	10 St	10 St	10 St	10 St	0	0	0.5	-	0.3			^o n, a, 2, p; ^o n, 1, a
9	2 As	07 Cs	010 Cs, As	8 Cs	10 St	10 St	10 St	-	3.3	0.3			
10	10 Ns	10 St	10 Ns	10 Ns	10 Ns	8 St	6 St	1.2	-	0.5			^o n, p; ^o 10 ^h 58 ^m - a, 2, p; ^o a
11	2 St, As	06 Ac, As, St	07 Ac, As, Ci	10 Se	10 Ns	10 Ns	10 Ns	0.4	0.7	0.1			* 17 ^h - p
12	10 Ns	10 St	10 St	10 St	10 Ns	10 St	10 St	3.3	0.4	0.1			* n; ^o n, a, p; ^o n, 1, a
13	10 Ns	10 Ns	10 Ns	10 Ns	10 St	10 St	10 St	0.4	1.0	0.8			^o n, 1, a, 2, p
14	10 Ns	10 Ns	07 Ac, Cs, Ci	01 Ac	0	0	0	1.1	-	0.4			* 1, a, 2, p ^o n, 1, a
15	2 Ci	10 As, Ac	10 St	10 St	10 St	10 St	10 St	0.0	0.0	0.1			* 13 ^h 5 ^m - 10 ^m
16	10 St	10 St	10 St	10 St	4 St	0	0	0.3	-	0.1		20	^o n, 1, a, 2, p
17	10 St	10 St, Fs	10 Se	10 Se	5 Se	0	0	-	-	0.5		30	
18	8 Ci, Cs, St	10 Cs, As, St	10 St	10 St	10 St	10 St	10 St	1.0	0.6	0.2		25	* 12 ^h 15 ^m - a, 2, 3; * ^o b; ^o p, 3
19	10 St	10 St	10 St, Ns	10 St	10 St	7 7 St	8 St	0.7	0.2	0.1		21	* n; ^o n, 2, p; ^o n, 1, a, 2, p; ^o p
20	10 St	10 Ns	10 Ns	10 Ns	10 St	10 St	10 St	0.4	0.2	0.2		16	* n, 7 ^h 20 ^m - 30 ^m ; 9 ^h 5 ^m - 15 ^m ; * 11 ^h 40 ^m - a, 2, p
21	10 St	10 St	10 St	10 St	10 St	10 St	10 St	0.1	-	0.3		20	* n, 13 ^h 10 ^m - p
22	10 St	10 St	10 Se	08 Cs	0	10 St	10 St	-	-	0.6		24	
23	10 St	10 St	10 St	10 St	10 St	10 St	10 St	-	-	0.4		25	
24	10 Se	04 Cs	02 Cs	00	5 Cs, St	10 St	10 St	-	-	0.4		30	
25	10 St	10 St	010 As, Cs	08 Ci, As	10 Ci	10 Cs	10 Cs	-	-	0.8		32	
26	9 Se, As	010 Cs, Ac	010 Cs	10 St	10 St	10 St	10 St	-	0.1	0.8		40	
27	10 St	10 Ns	10 Ns	10 Ns	10 Ns	10 Ns	10 Ns	2.2	8.3	0.2		52	* n, 9 ^h 30 ^m - a; * a, 2, p, 3
28	10 Ns	10 St	10 St	10 St	10 St	10 St	10 St	0.1	-	0.2		59	* n, 1, a

P	232	255	253	243	233	203	209	14.7	23.2	8.9
K	8.3	9.1	9.0	8.7	8.3	7.25	7.5			

Revised with. Remarks

Kump	Pervitus							Sadem mm		Dist- m. n.	Dist- m. n.	Dist- m. n.	Markus	726
	7 ^h	10 ^h	13 ^h	16 ^h	19 ^h	21 ^h	22 ^h	7 ^h 21 ^h 21 ^h 7 ^h						
1	10 St	10 St	10 St	10 Se	10 As	10 As	10 As	-	0.0	0.2	55			
2	4 Cs, Ci	8 Ac, Cs	03 Ac	7 Ac	10 St	10 St	10 St	0.0	0.1	0.2	50	* ⁰ 21 ^h 10 ^m - 21 ^h 20 ^m , 16 ^h 35 ^m - 40 ^m	6	
3	10 St	10 St	10 St	10 St	10 St	9 Se	9 Se	0.0	-	0.1	45	* ⁰ 5 ^h 50 ^m - n, 1, a	6	
4	6 Se, Ac	07 Ac	9 As, Ac, Cs	10 As, Cs	10 As	10 Ac, As	10 Ac, As	-	-	0.5	45		6	
5	10 St	10 Se	010 Se	6 Se	1 Ci	0	0	-	-	0.1	43		5	
6	1 Ac	0 0	0 0	6 Ac	9 Ac	10 As	10 As	-	0.0	0.3	40		4	
7	10 Ns	10 Ns	10 Ns	10 Ns	10 Ns	10 Ns	10 Ns	2.8	1.8	0.2	36	* ⁰ 06 ^h 35 ^m - n, 1, a, 2, p, 3; 0 a, p	3	
8	10 Ns	10 Ns	10 St	10 St	10 St	10 =	10 =	0.8	0.2	0.0	36	* ⁰ n, 1, a, 2, p; = n, 1, a		
9	10 St	10 Ns, St	10 Ns	10 Ns	10 Ns	10 St	10 St	1.0	0.1	0.1	37	* ⁰ n, 10 ^h - a, 2, p; = ⁰ n, 1, a, 2, p; *p		
10	10 St	10 St	10 Ns	10 Ns	10 Ns	10 Ns	10 Ns	0.7	0.3	0.5	37	* ⁰ n, a, 2, p, 3; *p		
11	10 St	10 St	10 St	6 As, Ci	0	0	0	0.1	-	0.3	38	* ⁰ n, a		
12	0 0	0 0	0 0	0 0	0	0	0	-	-	0.3	38			
13	0 0	0 0	0 0	0 0	10 St	4 St	5 St	-	-	0.5	40			
14	10 Ac, Se	10 Ac, As	10 St, Se	10 Se, Ac	10 Se	10 Se	10 Se	-	-	0.7	40			
15	9 St, Fs, Se	10 Se	010 St, Se, Ac	10 Se, Ac	9 Se, Ac, As	8 St, Fs	10 St, Fs	0.0	-	0.4	39	* ⁰ 5 ^h 40 ^m - 10 ^m		
16	9 Ac, Ci, Cs	010 Cs, Ac, Ci	010 Cs, Ac, As	06 Cs, As	1 Cs, Ci	0	0	-	0.7	0.4	38			
17	10 Ns, F6	10 Ns, F6	10 Ns, F6	10 Ns, F6	10 F6	10 Ns, F6	10 Ns, F6	4.3	4.8	0.1	38	* ⁰ n, 1, a, 2, p, 3		
18	10 St	10 St	10 St	10 St	10 St	10 St	10 St	0.1	0.1	0.2	45	* ⁰ n, 1, a; * ⁰ a, p	14	
19	10 Ns	10 F6, Ns	04 Se, Cs	9 Se	3 Se	0	4 Se	0.2	0.2	0.1	46	* ⁰ 5 ^h 40 ^m - n, 1, a, p	14	
20	10 Ns	08 F6	10 F6	10 St, Se	10 Se	10 Se	10 Se	0.3	0.2	0.2	48	* ⁰ n, 1, a, 2, p, 3	15	
21	10 St	10 As	10 As	8 St, As, Ac	2 St	10 Ns	10 Ns	0.1	0.3	0.1	38	* ⁰ n, 1, a, 20 ^h 45 ^m - p, 3	10	
22	10 St	08 Cu	06 Cu, Ci	9 Se	3 St	0	0	0.1	-	0.2	36	* ⁰ ; = n, 1, a, 1, a; * ⁰ n	8	
23	3 As	10 Se, Ac	07 Cs	6 As, Cs	8 St, As	6 As	4 As	-	0.5	0.5	30	V n, 1, a; = ⁰ n, 1, a	5	
24	10 Ns	10 Ns	10 Ns	10 Ns	10 Ns	10 Ns	10 Ns	2.1	0.2	0.2	33	* ⁰ n, 1, a, 2, p; * ⁰ a; 0 2, p	8	
25	10 St, Se	10 Se	01 Cu	0 0	3 Cs	5 Cs	3 Cs	-	-	0.6	39	* ⁰ n		
26	10 Se	10 Se	10 Se	10 Se	10 Se	10 Se	10 Se	0.2	-	0.0	45	0 p		
27	8 Ac	02 Cs	01 Cs	03 Cs	5 Cs	8 Cs	6 Cs	-	-	0.6	58			
28	03 Cs, Ci	09 Cs, Ci	08 Cs, Ci	7 Ci	4 Ci	4 Ci	4 Ci	-	-	0.5	68	= ⁰ , 1 n		
29	05 Cs, Cs	06 Cs, Cs	06 Cs, Cs	1 Cs	1 Cs	1 Cs	0	-	-	0.6	90			
30	04 Cs, Ac	10 Ac, Cu	10 Se	8 Se, Ac	10 Se	9 Se, Ac	8 Se, Ac	0.0	0.1	0.5	95	* ⁰ 10 ^h 45 ^m - 55 ^m 13 ^h 45 ^m - p		
31	10 Se	10 Ns, Ac	10 Ac, Se	10 Ns, F6	10 Ns, F6	8 Ac	4 Ac	0.6	-	0.4	93	* ⁰ n, 9 ^h 55 ^m - 10 ^h 35 ^m ; 11 ^h 25 ^m - 12 ^h 10 ^m ; *p		
S	242	258	235	232	219	212	207	13.4	9.6	9.6				
M	7.8v	8.3v	7.6v	7.5v	7.1v	6.8v	6.7v	0.4	0.3	0.3				

Markus 1939

Estimated south. Ramulas

Pilvitus Cloudiness.

Temp.	Pilvitus Cloudiness.							Saturated mm			Cloudiness	Energy log	Marius	73 64
	7 ^h	10 ^h	13 ^h	16 ^h	19 ^h	21 ^h	22 ^h	7 ^h -21 ^h	21 ^h -7 ^h					
1	00	08 Cu, Se	10 Cu, Fb	9 Cu, Fb	5 Se, Ae	4 Ae, Se	4 Ae, Se	0.3	-	0.3	80	X ^o a, 2, p		
2	9 Ae, Se	06 Cu, Se	09 Cu, Se	5 Cu	2 Cs, Ae	1 Cs, Ae	1 Cs, Ae	-	2.6	0.5	71	1.1 p		
3	10 Ns	04 Ae, Ci	08 Cs, Cu	08 Cs, Ci	5 Cs, Ci	3 Ae, Ci	4 Ae, Ci	0.2	-	0.6	62	X ^o n, 1, p	☒ 3	
4	10 Cs, Ae	10 As, Ae	10 Fb	10 Ns	10 Ns	10 Ns	10 Ns	6.8	1.3	0.2	89	X ^o 11 ^h - a, 2, p, 3, n; X ^o p		
5	10 ≡	10 ≡	10 Ns	10 Ns	10 Ns	10 Ns	10 Ns	8.1	6.2	0.0	109	≡ ² n, 1, a, 2, p, 3; X ^o n; 11 ^h 45 ^m - a, 2, p		
6	10 Ns	10 Ns	10 St	10 St	5 St, Ae	3 St	2 St	1.6	1.0	0.0	138	• n, 1, a; ≡ n, 1, a, 2, p		
7	10 St	9 Se	7 Cu, Se	05 Cu	3 Cu	0	0	-	-	0.5	155	• n		
8	10 St	10 Se St	01 Cu	01 Cu	1 Cu	0	0	-	-	0.4	152	≡ n, 1, a		
9	00	03 Cu, Cs	010 Cu, Cs	08 Cs, St	10 Cs, St	10 Cs, St	10 Cs, St	-	-	0.6	156			
10	03 Ae	05 Ae, Cu	07 Cu, Ae	03 Cu	2 Ci, Cu	0	0	-	-	0.7	152			
11	07 Ae	10 * Ns	10 Se, Cu	9 Cs, Cu	10 St	10 Ns	10 Ns	0.8	0.9	0.3	148	X ^o 9 ^h 35 ^m - 10 ^h 5 ^m , 14 ^h 20 ^m - 30 ^m ; X ^o 26 ^h 45 ^m - p, 3; Δ 18 ^h 5 ^m - p		
12	04 Ae, Fs	07 Se	04 Cu	02 Cu	0 Cs	0	0	-	-	0.8	145	X ^o n		
13	08 Ci, Cs	010 Cs, Cu	010 Cs, Cu	010 As, Cu	10 As	10 As, St	10 As, St	-	2.0	0.9	142	⊕ a, 2, p		
14	10 Ns	10 Ns	10 St	10 St	10 Ns, Fb	6 St, Fs	5 St, Fs	4.8	-	0.4	139	X ^o n, 1, a; • a, p		
15	010 Cs, Ci	010 Cs, Ci, Ae	010 Cs, Ae, Cu	10 Ns	10 Ns, Fb	10 Ns	10 Ns	2.7	2.1	0.6	130	≡ ^o n, p, 3; ⊕ a; • 16 ^h - p, 3		
16	10 Fb	10 St	10 St, Se	10 Fb	10 Fb, Ae	10 Se	10 Se	1.1	0.5	0.2	134	• n, 1, a, p; • p		
17	10 St	10 Se	10 Fb	10 Fb	1 Ci	0	0	1.6	-	0.3	140	• n, a, 2, p; • n, p		
18	10 St	10 St	10 St	10 Ns	9 Se	8 Se	7 Se	0.1	-	0.5	143	≡ n, 1, a; • n; • 12 ^h 0 ^m - 30 ^m , p		
19	01 St	10 Se, St	10 Se	9 Se, St	2 St	1 St	0	-	-	1.3	140			
20	10 St, Se	06 Ae, Ci	10 As, Cu	10 As	10 As	8 As, Ns	7 As, Ns	0.7	11.0	0.8	137	• 18 ^h 15 ^m - p, 3		
21	10 Ns	10 Fs	10 Fs, St	10 St, Fs	10 Fs	10 * Ns	10 Ns	1.3	1.6	0.3	143	• n, 1, a, 16 ^h - p, 3		
22	10 St	10 Se	09 Cu, Se	05 Cu, Se	03 Cu, Se	1 St	1 St	-	-	0.8	149	• X ^o n		
23	10 St, As	10 Ns	10 St, Se	10 Ns	10 St, Se	10 St, Cs	10 St, Cs	0.2	0.0	0.9	150	• 8 ^h - a, p; • 20 ^h 0 ^m - 15 ^m		
24	10 St, Se	9 Cu, Se	8 Cu, Se	9 Cu, Se	10 Cu, Se	4 Se, Ae	2 Se	0.0	-	1.5	150	• n, 7 ^h 0 ^m - 10 ^m , 18 ^h 10 ^m - 15 ^m		
25	02 Cu	10 Se, St	01 Ae	03 Cu	4 Cu, Se	1 Se	1 Se	0.0	-	1.7	150	• 21 ^h 35 ^m - n; • a; • ∞ ^o p		
26	03 Ci	02 Ci, Cs, Cu	10 St, Se	10 Se, Ae, As	10 As, Fs	4 Cs, Se, Fs	5 Cs, Se	0.7	0.1	1.4	148	• n, 1, a, 2, p; • 13 ^h 30 ^m - 35 ^m , p; • 20 ^h 10 ^m - 20 ^m		
27	10 Se, Fs	9 Cu, Se	06 Cu, Ci	10 As, Cu, Se	10 Ns	10 As, Fs	10 As, Fs	1.3	2.5	0.6	145	• n, 8 ^h 25 ^m - 40 ^m , 10 ^h 40 ^m - 50 ^m , 17 ^h 50 ^m - 60 ^m ; • 19 ^h 30 ^m - 20 ^m 10 ^m		
28	02 Ae, Cs	07 Cs, Cu	08 Cs, Ci, Cu	07 Cu, Cs	04 Cs, Ci, Cu	1 Ci	1 Ci	0.0	-	1.0	142	X ^o n; ⊕ a; • 16 ^h 5 ^m - 15 ^m		
29	00 Cs	00	00	00	00 Cs	1 Cs	1 Cs	-	0.0	1.1	140			
30	010 Cs, Ci	09 Cs, Ci	010 Cs, Ci, As	010 Ae, As, Cs	10 Ae, As, St	10 St, Se	10 St, Fb	-	0.0	1.6	138	• n		
S	219	244	248	233	196	156	151	32.7	31.8	20.8				
K	7.3	8.1	8.3	7.8	6.5	5.2	5.0							

73
64

7p
1939

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

4017 ✓

3

Reexamined contr. Ramular.

Spindle 1939

Kilv	Pilevitus							Sademed mm		Sua- mre	Ganij	Markusi	74 65
	7 ^h	10 ^h	13 ^h	16 ^h	19 ^h	21 ^h	22 ^h	7 ^h -21 ^h	21 ^h -7 ^h				
1	6 Se, As, Cs	07 Cs, Ci, Cu	04 Cu, Se	09 Cs, Ci, Cu	03 Cs, Ac	1 Cs	1 Cs	-	-	1.4	126	• 21 ^h 10 ^m - 20 ^m ; ⊕ p	
2	00	01 Cu	01 Cu	01 Cu	5 Se	8 Se, Ac	9 Se, Ac	-	-	1.7	127		
3	9 Se	5 Cu	8 Cu	00 Cu	02 Cu	8 Se, Cu	7 Se	-	-	1.8	123		
4	05 Cu	8 Cu	06 Cu	05 Cu	04 Cu	1 Cu	0	-	-	1.0	117		
5	00	01 Cu	01 Cu	01 Cu	1 Ci	0	0	-	-	1.0	118		
6	00	02 Cs	03 Cs, Cu	09 Cs, Ci, Cu	09 Cs, Ci	10 Cs	10 Cs	-	-	2.2	118		
7	10 Cs	03 Cs	01 Cu	00 Cu	00	3 Ci	6 Cs	-	-	1.7	110		
8	9 St, Se, Cu	10 Se	10 Se	9 Se	04 Se	0	0	0.0	-	1.0	106	* 8 ^h 0 ^m - a	
9	02 Ac	7 Se, Cu	9 Se, Cu	8 Se, Cu	01 Cu	0 Ci	0 Ci	-	-	1.0	95		
10	00	02 Cu	01 Cu	00 Cu	03 Cu, Cs	0	0	-	-	1.3	95		
11	00	03 Cu	04 Cu	03 Cu	00	1 Cs	1 Cs	-	-	1.5	92	≡ 0 n	
12	00	00 Cu	00 Cu	00	00	0 Cs	0 Cs	-	-	1.2	92		
13	00	00	02 Cs, Cu	02 Cu	06 Se, Ac	8 Se, Ac	8 Se	-	-	1.2	90	∞ 0 n	
14	00	04 Cu, Ci, Cs	08 Cu, Se, Ci, Cs	06 Ci, Cs, Cu	02 Ci, Cs	0 Ci	0 Ci	-	-	1.6	88	∞ 0 n, 1, a	
15	01 Ci, Cs	04 Cu, Ci	04 Cu, Ci	03 Cu, Cs	02 Cs	1 Cs	1 Cs	-	-	2.2	87	∞ 0 n, 1, a, 2, p	
16	00	00	03 Cu	7 Cu	8 Cu, Se	10 Se, St	10 Se, St	0.8	-	2.1	85	• 15 ^h 5 ^m - p	
17	07 Se, Ac, Ci	10 Se	10 Se, Cu	10 Se, Cu	9 St, As	9 Fs, Ac	7 Ac	-	-	0.8	83	≡ n, 1, a	
18	03 Ci	03 Ci	03 Ci	04 Cu, Se, Ac	10 Se, Ac, Cu	10 St, Se	10 Ns	-	3.4	1.5	81		
19	9 Se	08 Se, Cu	06 Cu, Ci	09 Cu, Ac, Ci	9 Se, Cs	10 Se, As	10 Se	-	-	1.2	82	• ≡ n	
20	07 Ci	09 Cs, Cu, Ci	010 Cu, Cs, Ci, As	10 Clb	10 Clb, Se	10 Clb, Se	10 Clb, Se	10.6	-	1.5	84	• 14 ^h 55 ^m - 17 ^h 35 ^m ; • 20 ^h 10 ^m - 25 ^m ; R 15 ^h 10 ^m - 16 ^h 25 ^m	
21	8 Se, Cu	04 Cu, Ci, Cs	04 Cu, Ci	07 Cu, Ci	01 Cu, Ci	1 Ci	0	-	-	1.8	83		
22	02 Ci, Cu	01 Ci, Cu	02 Ci, Cu	02 Ci	01 Ci	0 Ci	0 Ci	-	-	1.5	85	Δ n, 1, a	
23	9 As, Ci, Cs	10 Cs, Ac, Ci	10 As, Se, Cs	10 Se, Ac, As	9 Ac, As, Se, Cs	7 Ac, Cs	9 Ac, As	-	-	2.5	87		
24	9 Se, Ac, As	07 Ac, Ci	09 Ci, Cs, Ac	06 Ac, Cs	04 Ac, Cs, Ci	6 Ci, Cs, Ac	5 Cs, Ci	-	-	2.6	92		
25	01 Cs	00	00 Cu	00	07 Se, Ac, Ci, Cs	8 Se, Ac, Ci	9 Se, As	-	1.1	2.2	89		
26	10 Ac, As	10 St	10 St	10 St, Se	10 Se, St	10 Se, St	10 Se, St	-	1.3	0.4	84	• 22 ^h 15 ^m - n	
27	10 St, Se	10 St, Se	10 St, Se, Cu	10 Se	10 Se	9 Se	9 Se	-	0.1	0.8	79	• n	
28	10 St, Se	10 St, Se	10 St, Se	9 Se, Cu, St	10 Se, St	10 Se	10 Se	0.0	1.5	0.5	75	• 5 ^h 30 ^m - 40 ^m ; 8 ^h 15 ^m - 30 ^m ; 18 ^h 15 ^m - 20 ^m	
29	10 Fl	10 Fl	10 Fl	10 Fl	8 Se, Ac	4 Ac, Se	2 Ac, Se, Ci	5.0	-	0.3	75	• n, 1, a, 2, p; ≡ 0 n, 1, a	
30	06 Cs, Ci	010 Cs, Ci, Cu	09 Cu, Cs	07 Cu, Ci	00	1 Ci, Cu	0	-	-	1.6	75	Δ n, 1, a	
31	00	00	00	00	02 Cu	1 Se, Cu	1 Se, Cu	-	-	2.5	75		
S	143	159	168	167	150	147	145	16.4	7.4	45.6	88.8		
K	4.6	5.1	5.4	5.4	4.8	4.7	4.7	0.5	0.2				

Maci 1939

kesmised konts. 2. kharulas

Kump

Pilvitus Cloudiness

Edemed mm

Curamin

Eluayog

Märkus

7566

	7 ⁿ	10 ⁿ	13 ⁿ	16 ⁿ	19 ⁿ	21 ⁿ	22 ⁿ	7 ⁿ 21 ⁿ 22 ⁿ	Curamin	Eluayog	
1	02 Cu	08 Ac, Sc, Cs	10 Sc	10 Sc	3 Sc	3 Sc, St, Cu	3 Sc, Cu	1.1 -	1.0	73	2 n, 1, a; • p
2	02 Ci	07 Cu, Ci	08 Cu, Ci	08 Cu, Ci, Ac	9 Ac, As, Ci	10 Cu, Ac	10 Cu, Ac	- 0.3	2.2	70	
3	10 Sc, St, Fs	10 Fb, Cu, Fs	8 Fb, Cu	7 Fb, Cu, Ci	8 Cu	8 Sc, Cu	9 Sc	0.8 -	1.0	68	• n, a; • 10 ^h 45 ^m - 11 ^h
4	09 Cu, Ac	9 Cu, Ac	09 Cu	09 Sc, Cu	04 Cu	9 Sc	10 Sc	- -	1.3	67	
5	05 Cu, Ci	09 Cu, Sc	9 Sc, Cu, Ci	8 Cu	09 Cu, Ac	10 As, Ci	10 As	- 1.0	1.3	66	Op
6	10 Sc, St	10 Cs, Ci, Cu	05 Cu, Ci	06 Cu, Ci	08 St, Cs	9 St, Cs	8 St, Cs	- -	2.0	65	• 2 ^h 30 ^m - n
7	04 Cu, Cs	08 Cu, Cs, Ac	09 Cu, Cs	010 Cu, Cs, Ac	06 Cu, Ci	3 Ac, Ci	3 Ac, Ci	0.0 -	4.3	65	∞° a, 2, p; • 16 ^h 50 ^m - 55 ^m
8	00	03 Cs, Cu, Ac	08 Cu, Ac	03 Cs, Cu, Cu	08 Cs, Ac, Sc	9 Sc, Fb	9 Sc	0.0 -	2.4	63	• 20 ^h 5 ^m - 30 ^m 3
9	7 St, Ac, Fb	9 Cu, Sc	10 Sc, Cu	8 Cu, Sc	01 Cu	0 Sc	0 Sc	1.4 -	1.1	60	• 7 ^h 5 ^m - 40 ^m a, 11 ^h 40 ^m - 45 ^m ; • 16 ^h 5 ^m - 25 ^m p
10	03 Ci	02 Ci	08 Ac, Cu	010 Ac, Cu	03 Ac	0 Ci	0 Ci	- -	2.7	55	• 2° n, 1, a
11	00	00	04 Cu	03 Cu	01 Cu, Cs	2 Cs	2 Cs	- -	3.1	56	
12	01 Ac	02 Cu	02 Cu	01 Cu	00 Sc, Cu	5 Ac, Ci	5 Ac, Ci	- -	4.2	57	
13	00	00 Cu	06 Cu, Ci	06 Cu, Ci, Ac	01 Cu, Ac	3 Ac, Ac, Ci	3 Ac, Ci	- -	2.4	59	∞° p, 3
14	03 Ci	09 Cu	05 Cu	04 Cu	02 Ci	2 Ci, As	3 Ac, Ci, As	- -	2.2	58	∞° a, 2, p, 3
15	9 Ac, As, Sc	10 Sc	01 Cu	03 Cu, Ac, Ci	04 Cu, Ac	7 Sc, Cu, As, Ci	8 Sc, As, Ci	0.0 -	1.4	58	∞° n, 1, a, 2, p, 3; • 7 ^h 40 ^m - 45 ^m
16	08 Cu, As	00 Cu, Ci	00 Cu, Ci	01 Cu, Ci	01 Ci	00 Ci	0 Ci	- -	1.8	57	∞° p, 3
17	00	02 Cs, Ac	02 Cs	05 Cs, Ci	01 Cs	01 Cs	1 Cs	- -	2.7	56	∞° n, 1, a, 2, p, 3
18	00 Ci	00 Cu, Cu	02 Cu, Ci	00 Cs	00	01 Cs	1 Cs	- -	3.0	55	∞° n, a, 2, p
19	02 Cu, Cs	01 Cs	00	00 Cs	00 Cs	00 Cs	1 Cs	- -	3.5	57	
20	00	00	00	01 Cs	00 Cs	00 Cs	2 Cs	- -	2.8	49	
21	00	00	00 Cs	01 Cu, Cs	00 Cu	00	0	- -	2.7	48	
22	04 Cu, Ci	08 Cu, Cu	09 Sc, Cu, Ac	10 Cu, Sc	10 Fb	10 Fb	10 Fb	9.1 2.5 0.8	48		• 11 ^h 50 ^m - 12 ^h 30 ^m , p, 3
23	10 Fb	10 Sc	10 Sc, Cu	09 Sc, Cu, Ac	9 Sc, Ac	10 Sc	10 Sc	0.3 - 0.8	48		• n, 1, a
24	01 Cu	07 Cu	10 Sc, Cu	10 Sc, Cu, Ac	8 Sc, Ac	6 Ac, Sc, Cs	7 Ac, Sc, Cs	- - 1.2	47		
25	03 Ci	04 Cu, Ci	03 Cs, Cu	10 Cb	10 Cb	10 Fb	10 Fb	7.4 6.2 2.5	45		T 15 ^h 20 ^m p; F 16 ^h 20 ^m - 45 ^m , 19 ^h 40 ^m - p; • 16 ^h 20 ^m - 45 ^m , p, 3
26	10 Fb	10 Fb, St, Fs	8 Cu, Sc, Ci	08 Cu	9 Sc, Ac, As	9 Sc	9 Sc	0.8 2.3 1.1	44		• n, 1, a; • 12 ^h 15 ^m - 25 ^m
27	9 Sc, Ac, St	10 St	10 Cu, Fb	07 Cu, Fb, Ci, Ac	7 Ac, Sc, Cu, Ci	03 Cb, Ci, As	04 Cb, Ci, As	0.3 - 1.1	44		• n, a; • n, 19 ^h 08 ^h 40 ^m - a
28	9 Sc, Cu	10 Sc, Cu	10 Sc, Cu	8 Sc, Ac, Cu	8 Sc, Cu	03 Sc, Cu	3 Sc, Cu	- - 1.2	42		
29	01 Cu, Ac	01 Cu, Cu, Ac	01 Cu, Ci	08 Cu, Cu	9 Ac, Ci, Cu, Ac	9 Ac, Cu, As	9 Ac, Cu, As	- - 1.8	41		∞° n
30	9 Ac, As	10 Sc	10 Sc, Cu, Ac, Cb	7 Sc, Cu, Ac	04 Sc, Cu, Ac	02 Ac	2 Ac	- - 1.6	41		∞° a, 2, p, 3, n
S	133	169	177	181	137	144	152	21.2 14.3 6.2			
A	4.4	5.6	5.9	6.0	4.6	4.8	5.1				

7566 1939

Desun. north. Kauras

Kump	Pilitus							Sadom mon		Dumay	Sampay	Märkeri	76 67
	7 ^h	10 ^h	13 ^h	16 ^h	19 ^h	21 ^h	22 ^h	7 ^h 21 ^h 21 ^h 7 ^h					
1	00 Ci	05 Cu Ci	10 Cu, Fe, Se, Ci	9 Cu, Se, As	08 Cu, Fe	3 Fe, Ci	4 Fe, Ci	-	0.1	1.8	42	an, 1; ∞° 1, a, 2, p, 3	
2	8 Ci, Se, Fe, Cu	9 Fe, Se, Cu	10 Se, Cu, Fe	10 Fe	10 Fe, Cu, As	10 Ns	10 Ns	4.4	-	1.4	40	∞° n, 1; ∞° n, 1345° - 1445°; ∞° n, p; R 1345° - 1445°	
3	8 Fe, Fe, Fe	9 Cu, Se, Ci	9 Cu, Fe	03 Cu, Ci	8 Fe, Cu	4 Fe, Ci, Cu	6 Fe, As, Cu	-	-	1.7	38	∞° n, 1	
4	04 Cu, Se, Fe, Cu	05 Cu	9 Cu, Cu, Fe	8 Cu, Cu	02 Cu	01 Cu, Ci	0 Cu, Ci	2.2	-	1.2	35	an, 1, a; T 12° 55' - a; ∞° 13° 25' - 14° 10'	
5	00 Cu, Cu	02 Cu, Cu	05 Cu	06 Cu, Ci	03 Cu, Cu	02 Cu, Cu	03 Cu	-	-	2.0	35	an, 1, a	
6	01 Cu	01 Cu, Cu	02 Cu	04 Cu, Ci	03 Cu, Cu	03 Cu, Cu	3 Cu, Cu	-	-	2.0	35		
7	01 Cu	01 Cu, Cu	00 Cu	01 Cu	00 Cu	03 Cu, Fe	3 Cu, Fe	-	-	1.9	34	∞° n, 1, a, p, 3	
8	010 Cu, Cu, Fe	09 Cu, Fe, Cu	010 Cu, Fe, Cu	10 Se	05 Cu, Cu, Fe	3 Cu	3 Cu	0.4	-	1.8	33	∞° n, 1, a, 2, p; ∞° 15° 40' - 55'	
9	010 Cu, Fe, Cu	10 Se	10 Se	10 As, Fe, Cu	10 Se, Cu, Fe	10 As, Se, Cu	10 Se, Cu	0.0	2.4	1.6	32	∞° a, p; ∞° 15° 40' - 55'; T p	
10	10 Fe	10 Se, Cu, Fe	10 Se, Cu, Cu	09 Cu, Ci	8 Se, Fe, Cu	4 Cu, Cu	10 Cu	2.0	0.3	1.3	32	∞° n, a; ∞° n, a, p; R n; ∞° w, 1, a, ∞° a	
11	10 Ns	10 Se, Cu	09 Cu, Fe	09 Cu, Fe, Cu	07 Cu, Cu, Cu	4 Cu, Cu, Cu, Fe	3 Cu, Cu, Cu	3.4	0.3	1.1	31	an, 14° 40' - 15° 15' - 20'; ∞° 6° 30' - 7° 20'; ∞° n, 1, a; [R 1445° - p]	
12	7 Cu, Fe, Fe	7 Cu, Fe, Fe	8 Cu, Fe, Se	05 Cu	02 Se	4 Se	2 Se, Cu	1.8	0.0	1.3	30	∞° n, a	
13	10 Fe	9 Cu, Fe, Fe	10 Se, Cu	9 Cu, Cu	010 Cu, Cu, Se, Fe, Cu	07 Cu, Cu, Se	5 Cu, Cu	0.0	-	1.2	29	∞° n, 74° 28' - 30° 14' 30' - 35° 17' 30' - p; ∞° n, 1, a, p; [∞° n, 1, p, 3]	
14	010 Cu	10 Cu, Fe, Cu	010 Cu, Fe, Cu	07 Cu, Cu, Fe	08 Cu, Cu, Cu, Cu	10 Cu, Cu, Cu, Cu	10 Cu, Cu, Cu	-	-	1.8	29	∞° n, 1, a	
15	010 Cu, Fe	010 Se, Se, Cu	010 Se, Cu, Fe	10 Se, Cu, Fe	9 Se, Fe	10 Se, Fe, Cu	10 Se	0.3	0.0	1.3	30	∞° n, 1, a, 2, p, 3; ∞° 14° 10' - 20°; ∞° p	
16	10 Se	04 Cu, Cu	08 Cu, Fe	05 Cu, Fe	00 Cu, Cu	00 Se	0 Se	-	-	1.7	31	∞° n, 1, a; ∞° 1° 50' - 55'	
17	01 Cu, Fe, Cu	08 Cu, Fe	03 Cu, Cu	05 Cu, Cu	09 Cu, Cu, Se	10 Se, Cu, Cu	10 Se	-	0.0	2.6	30	∞° n, 1, a, p; 1.1 p	
18	10 Fe	9 Cu, Se	10 Cu, Se	09 Cu, Fe, Fe	01 Cu, Cu	01 Se, Cu	1 Se, Cu	0.0	-	1.4	29	∞° n, 1; ∞° 5° 35' - n; ∞° 6° 40' - 8° 30'	
19	03 Cu	09 Cu, Cu	09 Cu, Cu	03 Cu, Cu	01 Cu, Se	1 Cu, Se	1 Cu, Se	-	-	1.7	28	∞° n, 1, a, p, 3	
20	00 Cu, Cu	03 Cu	08 Cu	06 Cu, Cu, Cu	02 Se, Cu	3 Se, Cu, Cu	3 Se, Cu	-	-	1.5	27	∞° n, 1, a; ∞° a, p, 3; an, 1	
21	02 Cu, Fe	08 Cu	9 Cu, Fe, Cu	08 Cu, Se, Cu, Fe	04 Cu, Cu, Fe	3 Se, Cu, Fe	3 Se, Cu	0.0	-	1.6	26	an, ∞° n, 1; ∞° a, 2, p, 3; ∞° 11° - 12°	
22	04 Cu, Fe	8 Cu, Fe	10 Cu	10 Cu, Fe, As, Cu	9 Cu, Fe, Cu	10 Cu, Fe, Cu	10 Cu, Fe, Cu	4.4	3.5	1.1	26	an; ∞° 1, a; an, 1; R 11° 30' - 12° 25'; ∞° a, p	
23	10 Se	10 Se	10 Se, Ns	10 Se, Ns	10 Se, Ns	10 Se, Ns	10 Se, Ns	1.6	2.1	0.9	24	∞° n, p; ∞° a, p	
24	10 Fe, Fe, Cu	10 Fe, Cu, Fe	010 Cu, Fe, Cu	09 Cu, Cu, Fe	07 Se, Cu, Cu, Fe	8 Fe, As, Se, Cu	8 Fe, Fe, Se	-	-	1.1	22	an, ∞° n; ∞° 1, a, p, 3; an, p, 3	
25	01 Fe, Cu	01 Cu, Cu	07 Cu	07 Cu, Cu	07 Cu, Cu, Cu	7 Cu, Se, Cu	8 Cu, Se, Cu	-	-	1.4	22	an, n; an, 1, a; ∞° 1, a, 2, p, 3	
26	10 St	07 Fe, Cu	10 Se, Cu, Fe	10 Se, Cu, Fe	9 Cu, Se, Fe, Cu	9 Se, Cu, Cu	8 Se, Cu, Cu	0.0	-	0.9	23	an, 1; ∞° a, 2, p, 3; an, 1, 3; ∞° 17° 15' - p; T 17° 40' - p	
27	03 Cu, Cu, St	05 Cu, Fe, Se	05 Cu, Fe, Cu	04 Cu, Fe, Cu	08 Cu, Fe	10 Cu, Se, Cu	10 Se, Cu, Cu	-	1.2	1.8	25	an, 1; an, n; ∞° n, 1, a, 2, p, 3	
28	10 St	10 St, Se	10 Se, Cu	10 Se, Cu	03 Cu, Fe	3 Cu, Se	2 Cu, Se	0.3	-	1.0	20	an, 22° 15' - n; R 0° 45' - n; ∞° n, a; ∞° n, 1; ∞° a, 2, p	
29	10 St	08 Cu, Fe, Cu	08 Cu	08 Cu	01 Cu	1 Cu, Se	1 Cu, Se	-	-	2.1	16	an; an, 1, a; an, 1	
30	10 St, Fe	10 Cu, Fe, Cu	10 Fe	10 Fe, Se, Cu	10 Se, Cu, Cu	9 Se, Cu, Cu	8 Se, Cu, Cu	9.2	-	0.7	16	an, 1, a; ∞° a; an, 1, a; ∞° a, 1, a; ∞° a, p	
31	02 Cu	03 Cu	02 Fe, Cu, Cu	03 Fe, Cu, Cu	01 Cu, Cu	1 Cu, Se	1 Cu, Se	-	-	2.5	16	an, 1; ∞° a, 2, p, 3; an	
S	19.5	22.0	25.1	22.7	14.7	16.4	16.6	30.0	9.9	47.4			
K	6.3	7.1	8.1	7.3	5.7	5.3	5.4	10.0	0.3	1.5			
	8.8												

77

August 1939

Kuopio

Pilvitus

Sademäärä

kuu

Ennuste

Märkäys!

78

	7 ^a	10 ^a	13 ^a	16 ^a	19 ^a	21 ^a	22 ^a	7-21 ^a 21 ^a -7 ^a	Sademäärä	kuu	Ennuste	
1	10 Fb.	04 Cu, Ci.	08 Cu, Ci.	10 Fb, Cu.	9 Ae, As, Se, Cu.	9 Ae, As, Se.	9 Ae, As, Se.	4.4	-	0.7	-4	∞ n, p; ∞ 1, a; ∞ n; ∙ 15 ^a -16 ^a 35 ^m
2	10 Se, Ae, As.	9 Cu, Se, Ae, Ci.	8 Cu, Se, Ae.	08 Cu, Se, Ae, As.	2 Se, As, Ci.	1 Se.	1 Se.	-	-	1.1	-7	∞ n, 1, a; ∞ n, 1, a
3	02 Ae.	02 Cu, Ci, Cs.	08 Cu, Ci, Cs.	02 Cu.	0	0	0	-	-	1.2	-11	
4	00	5 Ae, Se, Cu.	10 Se, Cu.	03 Cu.	7 Se, Cu.	1 Se.	0	-	-	1.1	-16	∞ n, 1, a
5	07 Ae, Se.	08 Ae, Ce.	10 Cu, Se, Fb.	07 Cu, Se.	4 Ci, Ae.	1 Se.	2 Se.	-	-	0.9	-17	∞ n, 1, a, 3
6	10 St.	8 St, Ae.	010 Cu, Se, Fb.	10 Cu, Se.	10 Se, Ae.	9 Se, Ae.	8 Se, Ae.	3.3	0.3	0.6	-14	∞ n, 1, a; T ^a 47 ^m a, 2, p; R 17 ^a 10 ^m p; ∙ a;
7	10 Ci, Cs, As.	09 Ci, Cs, Ae, Cu.	09 Ae, Cu, Ci, Cs.	10 Cu, Cu, Ae, Se.	9 Cu, Se, Ae.	9 Se, Ae.	9 Se, Ae.	0.3	-	0.9	-16	∙ n, 13 ^a 30 ^m -p [∙ 12 ^a 45 ^m a, 2, p; ∙ 13 ^a 15 ^m -30 ^m
8	00 Ci.	01 Ae.	06 Cu.	09 Cu, Ci.	03 Cu, Ae.	0	0	-	0.0	1.6	-16	∞ n, 1, a, 2, p
9	09 Ae, As.	010 Cu, Ci, Ae.	010 Cu, Cs, Cu.	10 Se, Cu, Ci.	10 Se, Fs.	10 Se, Fs.	10 Se, Fs.	0.0	5.1	1.7	-25	∙ 5 ^a 40 ^m -45 ^m , 15 ^a 45 ^m -16 ^a ; ∞ a, 2, p, 3
10	00 Cs.	06 Cu.	03 Cu.	07 Se, Cu.	00 Se.	0	0	-	-	1.4	-25	R 23 ^a 50 ^m -n; ∙ 23 ^a 5 ^m -n
11	10 As, Se, Ci, Ae.	10 Se, As.	10 Se, Fs.	10 Se.	10 Fb.	10 Fb.	10 Fb.	1.6	0.2	0.5	-16	∞ n, 1, a; ∙ 17 ^a 30 ^m -p, 3
12	01 Cu, Ae.	06 Cu.	04 Cu.	08 Cu.	4 Cu, Se.	8 Se, Cu.	6 Se, Cu.	-	-	0.7	-12	∞ n, 1, a
13	07 Ci, Cs.	04 Cu, Ci.	02 Ci, Cs.	01 Ci.	01 Ci.	0	0	-	-	1.4	-18	∞ n, 1, a; ∞ n, p, 3; ∞ 1, a.
14	04 Cu, Ce, Ae.	10 St.	10 St.	03 St, Se.	8 St, Se.	0	0	0-0	0.0	1.0	-18	∞ n; ∞ 1, a, 2, p; ∞ 2 p; ∙ 20 ^a 10 ^m -2 ^m
15	08 Ae, Ci.	10 Se.	10 St.	10 St, Se.	10 St, Se.	10 Fs.	10 Fs.	1.2	0.0	0.4	-18	∞ n, 1, a, 2; ∞ 2 a; ∙ 8 ^a 15 ^m -9 ^a 15 ^m ; ∙ p
16	01 Se.	04 Se, Cu.	01 Cu.	01 Cs.	1 Cs.	1 Cu, 0	0	-	-	0.8	-14	
17	04 Ci, Ae.	09 Cu, Ci, As, Ae.	09 Cu, Ci, Ae.	09 Cu, Ci.	9 Cu, Ci, Ae.	5 Cu, Ci, Ae.	3 Cu, Ci.	-	-	0.6	-18	∞ n, 1, a, 3; ∙ 1, 3
18	02 Cu, Se.	03 Se, Ci.	03 Se, Ci.	06 Se, Cu.	3 Se, Ci.	2 Se.	2 Se.	-	-	0.7	-20	∞ n, 1, a, 3; ∞ n
19	00	03 Cu.	03 Cu.	00 Cu.	0	0	0	-	-	0.7	-20	∞ n, 1, a
20	00	01 Ci.	00 Ci.	01 Ci.	3 Ci.	1 Ci, 0	0	-	-	1.2	-22	∞ n, 1, a; ∞ p
21	00	00	00	03 Ci.	8 Ci, Cs, Se.	9 Se, Ci.	9 Se, Ci.	-	-	1.5	-24	∞ n, 1, a
22	00 Se.	10 Se, Cu.	09 Se, Cu, Ae.	6 Se, Cu, Ae.	9 Se.	1 Ae.	0 Ae.	-	-	0.8	-26	∞ n, 1, a
23	03 Ae.	05 Cu, Ae, Ci.	10 Se, Cu, As.	10 Fb.	10 Fs, St.	10 Fb.	10 Fb.	0.9	3.0	0.5	-27	∞ n; ∙ 14 ^a 10 ^m -p, 3
24	10 Fb.	06 Ae, Se.	09 Cu, Se, Fb.	10 Se, Cu, Fb.	2 Ae, Se.	1 Ae.	1 Ae.	1.8	-	0.3	-20	∙ n, 1, 12 ^a 25 ^m -35 ^m ; ∙ 12 ^a 25 ^m -35 ^m ; ∙ p; ∙ 15 ^a 30 ^m -40 ^m , p
25	08 Ci, Cs.	8 Cu, Ci.	08 Cu, Se.	10 Se, Cu.	6 Ci, Cs, Ae.	8 Ci, Cs, Ae.	8 Ci, Cs, Ae.	0.4	0.0	0.2	-27	∞ n; ∙ 12 ^a 40 ^m -45 ^m , p
26	01 Se, Ci.	9 Se, Cu.	9 Se, Cu.	5 Se, Cu, Fb.	2 Se, Cu, Ci.	7 Ae.	9 St, Se.	0.0	0.0	0.2	-25	∞ n; ∙ n, a, p; ∙ a, 2
27	10 St.	9 Se, Cs.	10 Se, Cu.	10 Se, Cu, As.	10 Se, As, Cs.	10 As.	10 As.	-	5.7	0.5	-27	∞ n; ∞ a
28	01 Se.	9 Se.	9 Se, Cu.	6 Cu.	2 Se.	3 Se.	1 Se.	0.1	-	0.6	-28	∙ n; ∙ 10 ^a 50 ^m -55 ^m
29	10 St.	10 St.	10 Fb.	10 St, Se.	10 St, Se.	8 Ae, Se.	8 Ae.	0.1	0.7	0.1	-29	∞ n; ∙ a, p; ∙ p
30	10 St, Fb.	10 Fb.	10 Fb.	10 Fb, As, Ae.	10 Fb.	7 Ae, Se, Fb.	4 Ae, Se, Fb.	2.7	-	0.4	-31	∙ n, 1, a, 2, p; ∙ a, p
S	14.8	1.94	2.18	2.05	1.72	1.39	1.30	18.8, 15.1, 24.3				
K	4.9	6.5	4.3	6.8	5.7	4.6	4.3	0.6	0.5			

September 1939.

55
35
40
130 Keskimääräinen koulun. Rarulas

Rumpf.

Pilvitus

Cloudiness

Sadness
mm.

Anamni

Emay, 10/10

Marks

79
70

	7 ^h	10 ^h	13 ^h	16 ^h	19 ^h	21 ^h	22 ^h	7 ^h 21 ^h 7 ^h				
1	05 St, Se	9 St, Se, Cu	08 Cu	01 Cu, Ac	4 Se, Cu, Ac	4 Ac	3 Ac	0.8	-	0.7	-33	° 8 ^h 0 ^m - 30 ^m , 08 ^h 50 ^m - 9 ^h ; 4*10 ^h 10 ^m
2	00	02 Cu	03 Cu, Ci	01 Cu, Ci	1 Cu, Se	1 Ci	0	-	-	0.5	-29	⊥ n, 1, a
3	00	01 Cu	06 Ac, Cu	9 Se, Ac	2 Se	3 Se, Ac	2 Se, Ac	0.0	-	0.4	-25	≡ n, 1, a; ° 17 ^h 25 ^m - 30 ^m , 18 ^h 10 ^m - 15 ^m
4	00 Se	00 Cs	00 Cu, Cs	00 Cs	1 Ac	0	0	-	-	0.4	-27	∇° n, 1, a
5	9 Ac, As	9 As	9 Ac, As, Cu, Ci	10 Ac, As, Se	9 Ac, As	10 As, St	10 As, St	-	0.0	0.4	-26	
6	10 St, Se	10 St	10 F6, St	10 F6, St	10 St	10 F6, St	10 F6, St	0.3	0.2	0.3	-25	*6 ^h 0 ^m - 5 ^m , 6 ^h 50 ^m - n, 1, a; *9 ^h 20 ^m - 10 ^m ; ° a, 2, p, 3
7	10 Se, St	10 Se	10 Se, St	10 Se, St	10 St, Se	10 St	10 St	0.0	-	0.3	-25	° n; *° p
8	10 Se, Ac	10 St, Se, Fs	10 St, Fs, Se	10 St, Fs	10 St	10 St	10 St	-	-	0.3	-24	∞° a, 2, p, 3
9	10 Se, St	9 Fs, Ac, Cu	10 Cu, Se, Ac	10 Se, Cu	10 Se, St	10 St	10 St	0.0	-	0.5	-27	∞° n, 1, a; ∞ a; ° 18 ^h 45 ^m - 50 ^m , 19 ^h 25 ^m - 30 ^m
10	10 Se	9 Se	10 Se, Cu	8 Se, Ac	9 Se	9 Se	9 Se	-	-	0.7	-26	
11	3 Se	10 Se	01 Cu	01 Cs, Ci	3 Ci	0	0	0.0	-	0.7	-26	∞° n, a, 2, p ∞ 1, a *° a
12	07 Ci	08 Ci	08 Ci	03 Ci	1 Ac	0	0	-	-	0.5	-25	≡ n, 1, a; ⊥ n, 1, a; ∞ a, 2, p; ∞° p, 3
13	03 Ci	08 Ci	00	00	1 Ci	1 Ci	1 Ci	-	-	0.6	-25	≡ n, 1, a; ∞° a, 2, p, n
14	10 St	10 St, Fs	10 N3, F6	10 F6	10 F6	10 F6	10 F6	2.7	0.3	0.3	-25	∞° n, 1, a; ° *10 ^h 10 ^m - a, 2, p; ° *° p, 3
15	10 ≡	10 St	10 F6	10 F6	10 F6	10 F6	10 F6	4.9	1.6	0.1	-25	° n, p, 3; *° n; ° a, 2, p; ∞° a
16	10 Fs	10 F6	10 Se, St, Cu	10 Se, St, Cu	10 St	10 St	10 St	0.0	2.4	0.3	-33	∞° n, 1, a; ° n; ° 10 ^h - 11 ^h , 14 ^h 20 ^m - 30 ^m
17	10 F6	10 N3, F6	10 Se, St	10 Se, Fs	10 Se, Fs	10 Se, Fs	10 Se, Fs	2.9	-	0.2	-30	° n, 1, a, p; ≡ n, 1, a
18	9 Se, Fs	10 Se	08 Se, Ac	10 Se	7 Se	7 Se	6 Se	-	-	0.3	-33	
19	8 Se	04 Se	06 Cu	03 Cu, Ci	1 Ci	0 Ci	0 Ci	0.0	-	0.2	-32	⊥ n, 1, a; *° 8 ^h 15 ^m - 9 ^h ; ∞° p
20	10 Se	10 Se	10 Se, Cu, Ac	9 Se, Ac, Ci	2 Cu, Cs	0	0	-	-	0.3	-32	⊥ n
21	1 Ac, Ci	10 St, ≡	10 Se	5 Se, Ac	0	0	0	-	-	0.1	-31	⊥ n, 1, a; ≡ a, 2, p
22	0	00	00	00 Cs	0	0 Ci	0 Ci	-	-	0.1	-33	⊥ n, 1, a; ≡° a
23	1 Ci	09 Cu, Cs, As	09 Cs, Ci, As	10 As, Cs	10 As, Ac, Se	10 As, Se	10 As, Se	-	0.5	0.4	-35	⊥ n, 1, a; con. 1, a 2, p, 3
24	10 St	10 St	10 St	10 St	10 St	10 St	10 St	2.5	4.7	0.0	-31	*° n, p; °° n, 1, a, 2, p; *° a, 2, p
25	10 St	10 St	10 St, N3	10 St	10 St	10 St	10 St	0.6	0.0	0.1	-31	*° n, 1, a; ≡° a, p; °° a, 2, p, 3; ° p
26	10 St, Fs	03 Fs, St, Ac, Se	06 Cs, St, Cu	10 St	10 St	10 St	10 St	-	2.0	0.2	-30	°° n; ∞° p, 3
27	10 ≡	10 ≡	10 St ≡	10 St ≡	10 St ≡	10 St	10 St	0.4	0.0	0.3	-25	° n, 1, a; °° a; ≡ a; ≡ a, 2, p
28	10 St	10 St	10 St	10 St	10 St	10 St	10 St	0.1	0.2	0.1	-17	°° n, 1, a, p; ∞ a, 2, p
29	10 Se, St	9 St, Se	10 St, Se	10 St	10 St	10 St	10 St	0.1	0.3	0.2	-21	° n, p, 3; ∞° a; *° p, 3; °° 3
30	10 Se, St	10 St, Se	10 Se, St	10 Se, St	10 Se	10 Se	10 Se	-	-	0.5	-25	°, *° n
31	10 Se, St	10 St, Se	10 St, Se	10 St	10 St	10 St	10 St	0.0	0.0	0.3	-28	*° 3

S	226	250	244	230	211	205	201	15.3	12.2	10.3
R	7.3	8.1	7.9	7.4	6.8	6.6	6.5			

Kaskm. North. Kamalas

October 1939

November 1939

Ar.

Runp

Pilvitus Cloudiness

Sademed mm

Wind

Humidity

Märkus

2/12

	7h	10h	13h	16h	19h	21h	22h	7h-21h	21h-7h	Wind	Humidity	Runp	
1	10 Se, St.	10 St.	10 St.	10 St.	10 St.	10 St.	10 St.	-	1.4	0.3	-26	$\infty^{\circ} a, 2, p$	
2	10 Ns.	10 St.	10 St.	10 St.	10 St.	10 St.	10 St.	0.2	-	0.1	-26	$\ast n, 1, a; \equiv^{\circ} a, 2, p, 3$	
3	10 St.	10 St.	10 St.	10 St, Fb.	10 Fb.	10 St.	10 St.	1.8	1.0	0.1	-26	$\equiv n, a; \ast 12^{\circ} 55' - a, 2, p; \ast p$	
4	10 Fb.	10 Fb.	10 Fb.	10 Fb.	4 Se.	10 St.	10 St.	2.1	0.1	0.0	-26	$\ast n, 1, a; \ast 12^{\circ} 55' - a, 2, p$	
5	10 St.	10 St, Se.	10 St.	10 St.	10 St.	10 St.	10 St.	-	0.3	0.2	-28	$\ast n; \infty^{\circ} a, 2, p$	
6	10 Fb.	10 Fb.	10 Ns.	10 $\equiv$	10 $\equiv$	10 $\equiv$	10 $\equiv$	6.6	-	0.0	-26	$\ast n, a, 2, p; \ast n, 1, a; \ast p; \equiv p, 3$	5
7	10 $\equiv^2$	10 $\equiv^2$	10 $\equiv^2$	10 $\equiv^2$	10 $\equiv$	10 St.	10 St.	-	0.2	0.0	-26	$\equiv n, p; \equiv^2 n, 1, a, 2, p$	3
8	10 St.	10 Fb.	10 Fb.	10 Fb.	10 St.	10 St.	10 St.	2.8	-	0.3	-22	$\ast n, 1, a; \ast 9^{\circ} 30' - a, 2, p$	
9	0	07 St.	10 St.	10 St.	10 St.	10 St.	10 St.	-	-	0.2	-15	$\infty^{\circ} p$	
10	10 St.	10 St.	10 St.	10 St.	10 St.	10 St.	10 St.	0.0	-	0.1	-24	$\infty^{\circ} a; \ast a$	
11	10 St.	10 St.	10 St.	10 St.	10 St.	10 St.	10 St.	-	-	0.0	-21	$\infty^{\circ} a; \equiv^{\circ} a, 2, p; \equiv, \vee p, 3$	
12	10 St.	10 St.	10 As, Se, St.	10 Se, St.	3 St.	10 St.	10 St.	0.0	0.0	0.0		$\equiv n; \equiv n, 1, a; \vee n, 1, a, 2, p, 3; \ast p, 3; \infty^{\circ} a, 2, p, 3$	
13	10 St.	10 St, Se.	10 St, Se.	10 St.	10 St.	10 St.	10 St.	-	0.0	0.0		$\ast n, \infty n, 1, a; \infty^{\circ} a, 2, p; \vee n, 1, a$	
14	10 Se, St.	10 St, St.	10 St, Se.	10 St, Se.	10 St, Se.	10 St, Se.	10 St, Se.	0.0	-	0.0		$\ast n, 1, a; \ast a - \vee n, 1, a$	
15	10 St.	10 St.	10 St.	10 St.	10 St.	10 St.	10 St.	0.0	0.1	0.1		$\ast a, 2, p; \Delta p$	
16	10 St.	10 St.	10 St.	10 St.	10 St.	10 St.	10 St.	0.1	0.1	0.1		$\ast n, a, 2, p; \infty^{\circ} p$	
17	10 St.	10 St.	10 St.	10 St.	10 St.	10 St.	10 St.	0.0	-	0.3		$\ast n, a, p$	1
18	10 St.	10 Fs.	10 Fb.	10 Fs.	10 Fs.	10 Fs.	10 Fs.	0.1	-	0.2		$\ast n, 12^{\circ} 45' - a, 2, p$	1
19	10 Fs, St.	10 St, Fs.	10 St.	10 Fb.	10 Fb.	10 St.	10 St.	0.4	-	0.1		$\infty^{\circ} a, 2, p; \ast p; \ast a, \Delta p$	
20	10 St.	10 St.	10 As, St.	10 St.	3 Cs, Fs, Fe.	2 Fe.	0	0.3	-	0.6		$\equiv, \ast a, 2, p; \ast a, p; \ast p; \ast a$	
21	0 Se.	09 Fs, Se.	9 St, Se.	7 Se, Ci, Cs.	7 As, Se, Cs.	10 Ns.	10 Ns.	0.0	2.9	0.1		$\ast 10^{\circ} 15' - a, 2, p, 3; \psi p$	
22	10 Fb.	02 Ci, Se.	9 St, As.	10 Fb.	6 Fs, Cs.	4 Fs, Cs.	0	2.2	0.3	0.2		$\ast n, 1, a, p; \ast 12^{\circ} 45' - a, 2, p; \ast n, 1, a; \ast 12^{\circ} 45' - a, 2, p; \psi p, 3$	8
23	10 St.	10 Fb.	03 Se, St.	10 St.	10 Cs.	10 As.	10 As.	1.8	8.1	0.1		$\ast n, 1, a, p; \psi n, p; \ast n, 1, a, p; \ast 12^{\circ} 45' - a, 2, p$	9
24	9 Fs.	05 Se, Ci, As.	10 St.	10 St.	2 Ci, Se.	2 Ci.	1 Ci.	0.2	0.0	0.0		$1.1 g^{\circ} a; \ast 2 n; \ast n, 1, a, 2, p$	13
25	10 St.	06 Se.	03 Se, Ci, St.	1 Ci.	10 Se.	10 Se, St.	10 Se, St.	0.0	0.0	0.1		$\ast n, 1, a, p, 3$	14
26	3 St.	10 Fb, $\equiv$	10 Fb.	10 Fb.	10 Se.	10 Fb.	10 St.	0.2	0.0	0.0		$\ast n, a, p, 3; \ast 2 p; \equiv a; \vee a, 2, p, 3$	14
27	10 Se.	10 Fb.	10 Fb.	10 Fb.	0	0	0	0.5	0.3	0.0		$\ast n, a, 2, p; \vee n, 1, a, 2, p, 3; \ast p; \infty^{\circ} a, 2, p$	15
28	0 Ci.	10 Se, As.	10 Ns, Fb.	10 Se.	4 St.	2 St.	2 St.	0.9	-	0.0		$\ast n; \ast 12^{\circ} 45' - a, 2, p$	17
29	4 Ac.	09 As, Ci, Ci.	07 Ci, Cs.	6 Ci, Cs.	6 St.	10 St.	10 St.	-	-	0.1			17
30	10 St.	03 St.	00	0	0	0	0	-	-	0.2		$\infty^{\circ} a, 2, p$	17
31	10 Cs, Ci.	9 Ci, Cs.	09 Ci, Cs.	9 Ci, Cs.	2 Ci, Cs.	0	0	-	0.3	0.1		$\ast n, 1, a; \infty^{\circ} a, 2, p$	17
\$	266	280	280	283	237	250	243	20.2	15.1	3.6			
X	8.6	9.0	9.0	9.1	7.6	8.1	7.8						

1939

keskm. v. k. k. k.