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Potsdamer erdmagnetische Kennziffern

6. Mitteilung

Von **A. Burger**, Potsdam

Die vorliegenden Kennziffern schließen sich in der Fassung den bisherigen Mitteilungen von Prof. Dr. J. Bartels unverändert an; vgl. Zeitschr. f. Geophys. **14**, 68—78, 230 f., 272 f. (1938); **15**, 214—221, 333 f. (1939).

Tabelle 1. Potsdamer erdmagnetische Kennziffern, August bis Oktober 1939

August 1939 . . .	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
0—3 ^h	21	11	01	01	01	12	11	12	01	01	21	5s	58	21	11	
3—6	21	11	01	21	11	11	01	11	11	21	21	68	43	32	11	
6—9	11	11	01	01	11	11	01	01	11	11	11	68	33	22	11	
9—12	11	01	11	11	11	11	11	12	21	42	11	58	32	22	11	
12—15	21	01	11	21	11	11	21	12	11	36	32	43	38	12	11	
15—18	11	01	11	21	12	21	11	32	01	41	46	43	42	21	31	
18—21	11	01	11	11	12	11	11	32	12	31	32	47	32	11	21	
21—24	12	01	12	22	22	11	01	12	11	21	56	58	31	10	22	
August 1939 . . .	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
0—3 ^h	11	47	11	11	11	11	5s	68	45	45	11	21	11	45	01	01
3—6	21	32	21	21	21	11	78	68	21	31	11	21	11	11	01	01
6—9	11	21	01	2s	21	01	43	42	21	11	11	11	01	01	01	01
9—12	31	22	21	21	11	21	43	52	21	21	21	21	11	11	11	11
12—15	68	31	21	21	21	22	68	57	31	11	21	21	11	01	21	11
15—18	78	31	31	56	21	22	68	31	21	21	11	21	21	11	31	21
18—21	42	21	21	21	21	21	78	45	11	21	21	35	11	12	21	21
21—24	57	11	22	11	21	42	78	45	31	22	21	31	11	01	21	11
September 1939 . .	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
0—3 ^h	02	11	58	31	01	31	21	12	41	31	31	35	22	31	21	
3—6	11	21	56	31	12	11	21	11	32	21	21	31	11	21	11	
6—9	11	11	33	12	12	11	12	11	46	23	21	31	01	21	11	
9—12	11	32	53	22	12	22	11	32	22	23	11	22	31	22	21	
12—15	11	21	31	32	01	22	21	11	32	42	21	22	22	21	21	
15—18	21	22	42	21	01	22	21	11	31	31	11	21	11	31	11	
18—21	11	21	31	11	22	22	11	21	46	46	11	21	11	21	11	
21—24	01	5s	45	01	32	41	11	22	35	21	12	46	36	33	42	
September 1939 . .	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
0—3 ^h	31	22	31	22	55	21	21	10	21	11	41	11	21	01	01	
3—6	21	42	21	32	42	21	21	01	21	01	43	11	11	01	11	
6—9	11	33	11	21	32	21	21	11	11	12	33	11	11	11	11	
9—12	12	32	21	32	32	22	32	31	11	32	33	11	11	12	21	
12—15	22	43	21	45	32	22	11	11	21	21	21	01	11	01	11	
15—18	22	57	11	57	41	22	31	11	11	21	21	12	11	11	11	
18—21	32	77	12	41	45	31	11	21	11	31	55	45	22	01	31	
21—24	11	45	01	57	21	22	46	31	11	31	31	31	11	11	31	

Oktober 1939	. . .	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
0—3 ^h	. . . . .	36	11	21	68	35	41	11	31	45	11	32	31	58	51	68	
3—6	. . . . .	11	11	11	68	21	68	11	31	21	11	31	21	53	58	68	
6—9	. . . . .	11	21	21	32	21	22	01	11	56	11	11	01	54	53	43	
9—12	. . . . .	11	11	31	22	21	21	11	11	31	21	21	01	32	53	21	
12—15	. . . . .	21	11	58	32	21	21	31	21	41	31	31	01	42	56	32	
15—18	. . . . .	31	21	57	21	21	31	41	22	21	11	11	11	68	66	67	
18—21	. . . . .	21	21	55	41	55	41	57	31	45	01	48	01	78	57	51	
21—24	. . . . .	35	21	68	21	21	21	45	31	21	36	41	12	68	41	31	
Oktober 1939	. . .	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
0—3 ^h	. . . . .	31	31	41	41	31	01	21	01	41	11	11	01	01	31	35	45
3—6	. . . . .	31	45	31	31	11	22	11	11	21	21	11	11	11	22	11	11
6—9	. . . . .	21	32	32	22	21	23	22	22	21	12	21	01	21	11	01	11
9—12	. . . . .	22	32	32	36	11	21	11	21	21	22	21	11	31	11	21	11
12—15	. . . . .	41	32	31	22	01	21	11	42	11	21	11	11	21	11	21	21
15—18	. . . . .	68	55	55	31	11	11	11	55	11	11	11	21	11	11	21	11
18—21	. . . . .	57	57	57	45	11	45	46	21	11	11	41	01	21	36	31	11
21—24	. . . . .	55	41	47	21	01	45	31	31	11	01	21	11	35	21	32	11

Tabelle 2.

Summen der 8 ersten Kennziffern K_1 für jeden Tag, nach 27-tägigen Rotationen geordnet

Rotat.- Nr.	Erster Tag 1939	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1454	Juli 8.	10	10	7	18	22	10	30	19	29	27	17	17	33	24
1455	Aug. 4.	10	8	9	6	11	7	19	21	39	28	14	12	29	20
1456	Aug. 31.	7	7	18	32	15	8	17	12	12	26	22	13	21	13
1457	Sept. 27.	12	10	4	12	16	12	29	28	20	25	19	18	26	12
1458	Okt. 24.	14	10	14	6	14	14	16	12	12	10	13	8	10	13
		15	16	17	18	19	20	21	22	23	24	25	26	27	
1454	. . . . .	26	18	19	17	28	21	17	13	9	12	11	3	5	
1455	. . . . .	14	17	14	14	46	37	19	17	12	17	8	8	10	
1456	. . . . .	19	14	15	32	12	28	28	17	18	12	11	15	26	
1457	. . . . .	21	7	41	40	35	30	30	30	23	9	17	15	19	
1458	. . . . .	16	7	9	9	14	16	32	26	18	11	12	8	14	

Tabelle 3.

Anzahl der Kennziffern, und Durchschnittswerte, August bis Oktober 1939

$K_1 =$	0	1	2	3	4	5	6	7	8	9	K_{1m}	A	$K_1 (A)$
August	31	84	68	25	19	10	7	4	—	—	1.98	26.8 γ	2.91
September	16	72	71	49	22	9	—	1	—	—	2.09	22.7	2.68
Oktober	16	60	64	46	27	23	11	1	—	—	2.51	34.4	3.27

Potsdam, Geophysikalisches Institut.