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Potsdamer erdmagnetische Kennziffern

9. Mitteilung

Von A. Burger, Potsdam

Fortsetzung der Kennzifferreihen; vgl. Zeitschr. f. Geophys. 14, 68, 230, 272 (1938); 15, 214, 333 (1939); 16, 85, 185, 247 (1940).

Tabelle 1.

Potsdamer erdmagnetische Kennziffern, Oktober 1940 bis März 1941

Oktober 1940	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
0—3 ^h	42	11	11	45	21	11	45	57	41	01	21	45	11	01	11	
3—6	31	01	31	31	31	11	41	55	11	01	21	21	11	01	21	
6—9	11	11	21	01	01	11	41	31	01	01	11	11	21	01	21	
9—12	21	21	21	01	21	21	31	21	21	21	11	31	11	11	31	
12—15	31	21	21	01	35	21	57	21	11	11	11	21	21	01	21	
15—18	47	41	42	35	11	45	47	31	11	01	11	21	01	01	31	
18—21	57	31	55	01	01	21	75	41	22	31	01	11	01	11	31	
21—24	11	31	35	11	01	45	61	55	11	31	45	45	01	11	21	
Oktober 1940	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
0—3 ^h	21	21	21	21	31	31	31	01	00	11	21	45	31	11	32	31
3—6	01	11	21	31	21	21	21	01	01	01	11	21	21	35	21	11
6—9	11	01	11	21	11	21	32	01	01	01	22	12	01	01	01	01
9—12	11	01	21	32	21	35	31	11	11	22	33	21	21	11	01	11
12—15	11	21	21	31	11	21	31	01	11	22	48	31	11	11	01	11
15—18	31	01	21	21	11	45	01	01	01	31	47	45	21	01	01	21
18—21	55	11	31	41	21	45	21	01	01	42	55	45	56	11	11	22
21—24	11	36	35	31	45	45	11	00	01	55	45	31	11	01	21	01
November 1940	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
0—3 ^h	22	01	31	31	41	21	21	22	01	11	01	31	41	31	31	
3—6	21	21	21	31	31	21	11	01	21	01	01	01	55	31	31	
6—9	21	11	11	21	11	11	21	01	11	01	01	11	55	21	21	
9—12	31	21	21	21	32	11	21	01	11	01	01	31	21	22	31	
12—15	21	01	21	31	31	01	21	01	31	01	01	31	21	31	11	
15—18	11	01	01	47	21	21	01	01	31	01	01	35	31	31	31	
18—21	31	01	21	55	35	35	11	01	21	01	01	41	21	21	21	
21—24	01	11	21	47	01	21	21	11	21	01	32	57	21	55	35	
November 1940	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
0—3 ^h	45	11	31	11	11	51	31	31	11	21	51	21	01	21	21	
3—6	21	11	11	11	01	32	45	31	01	11	41	01	11	45	21	
6—9	01	01	21	11	11	22	31	31	11	21	32	11	11	21	21	
9—12	11	11	22	11	11	31	31	31	01	42	22	11	11	42	21	
12—15	11	11	11	11	11	21	31	21	11	68	31	31	11	58	31	
15—18	55	41	01	11	22	11	01	11	11	57	41	45	11	55	35	
18—21	41	65	11	21	31	22	55	45	21	55	21	32	21	41	45	
21—24	41	45	31	21	41	57	51	11	42	55	01	31	42	55	31	

Dezember 1940	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
0— 3 ^h	21	31	31	21	35	21	11	01	11	11	21	31	41	31	21	
3— 6	21	31	21	21	21	21	01	01	21	31	11	11	21	11	11	
6— 9	11	11	11	01	11	01	01	01	21	01	11	21	21	11	01	
9—12	21	41	31	11	11	01	01	01	21	21	11	21	21	22	11	
12—15	21	31	31	31	11	01	01	01	31	11	01	21	11	31	31	
15—18	21	55	45	41	21	11	01	01	21	41	21	45	21	41	41	
18—21	45	45	31	45	31	21	01	11	11	21	21	21	31	51	45	
21—24	41	41	45	11	21	11	01	01	36	11	45	21	21	41	41	
Dezember 1940	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
0— 3 ^h	31	11	31	21	31	31	31	31	21	21	11	21	21	41	21	45
3— 6	21	11	21	11	21	57	21	11	21	21	31	21	11	31	41	33
6— 9	11	01	11	01	31	21	21	11	11	32	21	01	01	11	52	31
9—12	21	01	21	01	31	41	31	21	12	22	31	11	11	21	31	22
12—15	21	31	11	12	52	42	45	35	22	21	11	42	11	11	31	41
15—18	21	11	11	01	77	41	41	41	11	41	11	31	11	31	41	45
18—21	21	31	11	01	51	55	21	55	45	21	56	11	51	55	55	41
21—24	11	45	01	35	55	31	21	41	41	31	21	21	51	41	31	21
Januar 1941	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
0— 3 ^h	11	31	01	31	01	31	11	21	21	31	31	21	31	11	21	
3— 6	21	21	01	21	01	31	11	21	21	21	21	11	11	01	01	
6— 9	11	11	01	11	01	31	21	11	11	11	11	11	01	01	11	
9—12	11	11	01	01	11	31	21	11	31	11	21	01	11	11	11	
12—15	31	31	11	11	01	21	11	11	45	21	31	11	01	01	11	
15—18	41	31	01	11	28	21	65	11	31	21	11	21	11	01	01	
18—21	55	01	31	01	21	31	41	11	31	35	41	21	31	11	01	
21—24	31	21	41	01	11	11	21	45	21	31	31	31	45	31	01	
Januar 1941	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
0— 3 ^h	11	58	41	41	31	21	11	41	31	31	47	21	31	21	31	21
3— 6	01	21	31	21	21	31	11	11	21	41	21	21	11	11	31	11
6— 9	01	21	22	31	11	01	11	21	21	32	22	22	12	01	11	01
9—12	11	21	32	32	22	01	11	21	31	42	32	33	21	11	21	11
12—15	21	42	22	42	22	01	01	41	55	32	33	42	22	12	21	11
15—18	31	67	51	56	11	01	21	41	57	55	31	52	21	21	31	01
18—21	11	57	67	21	22	25	41	55	51	31	31	45	45	01	41	11
21—24	21	51	57	41	46	21	41	51	41	41	47	41	31	36	35	01
Februar 1941	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
0— 3 ^h	01	11	21	31	21	45	41	45	31	41	21	11	45	51	41	
3— 6	01	11	41	21	21	31	41	31	31	21	11	11	11	31	41	
6— 9	01	11	31	11	11	31	32	21	21	21	11	11	21	32	22	
9—12	11	01	21	21	21	31	32	21	11	21	01	21	31	32	32	
12—15	21	21	31	21	31	31	43	21	11	21	11	11	48	22	32	
15—18	21	11	21	21	21	31	41	45	21	21	11	11	42	55	41	
18—21	21	41	41	21	51	42	45	45	55	21	41	21	41	21	41	
21—24	11	31	31	21	45	31	45	41	31	31	21	21	51	32	21	
Februar 1941	16	17	18	19	20	21	22	23	24	25	26	27	28			
0— 3 ^h	41	31	21	01	11	31	31	41	21	31	31	01	31			
3— 6	45	31	11	01	11	31	41	31	21	21	31	01	22			
6— 9	01	32	11	01	11	11	22	22	21	22	21	01	11			
9—12	12	32	21	21	21	22	32	22	32	21	32	01	31			
12—15	11	32	11	21	22	48	52	43	32	31	22	01	11			
15—18	11	21	11	46	22	66	66	46	65	21	21	21	21			
18—21	31	57	36	21	41	45	67	65	45	55	35	21	21			
21—24	45	21	11	01	41	57	55	55	31	41	01	11	36			

März 1941	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
0—3 ^h	31	47	31	41	47	31	31	41	41	31	31	11	31	57	11	
3—6	5s	31	31	41	31	31	21	31	21	21	11	11	21	51	31	
6—9	79	41	21	21	21	21	11	01	22	01	01	11	11	43	32	
9—12	68	42	31	42	21	32	22	22	12	11	11	31	21	56	31	
12—15	99	22	31	48	57	21	12	21	12	01	11	31	11	58	21	
15—18	99	51	57	57	51	41	32	21	35	21	11	31	31	41	21	
18—21	89	45	45	31	51	55	52	46	45	35	41	21	41	67	45	
21—24	68	47	11	57	57	01	55	41	48	21	57	45	41	57	31	
März 1941	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
0—3 ^h	31	01	36	11	51	41	41	21	21	21	21	01	58	41	41	67
3—6	21	21	01	11	31	31	52	21	21	21	11	01	41	31	31	57
6—9	11	11	11	11	33	32	32	11	22	11	12	01	21	32	31	32
9—12	12	11	11	31	33	32	32	22	22	22	02	11	52	22	31	57
12—15	22	21	01	47	43	32	43	22	22	12	12	11	57	32	47	41
15—18	11	11	11	41	66	42	68	55	32	21	01	01	67	52	6s	41
18—21	21	21	11	41	41	67	67	31	31	35	11	11	57	67	67	35
21—24	01	22	48	41	51	41	41	57	45	21	11	11	55	57	77	35

Tabelle 2.

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

Rotat.- Nr.	Erster Tag 1940	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1471	Oktober 9.	12	9	12	19	7	3	18	14	9	17	22	16	24	17
1472	November 5.	19	13	12	3	14	1	3	22	25	23	20	21	18	13
1473	Dezember 2.	27	23	17	15	8	1	1	16	14	13	18	18	23	19
1474	Dezember 29.	23	29	26	20	15	8	8	6	20	19	13	20	17	19
1475	Januar 25.	29	24	26	18	10	21	6	8	13	23	16	21	26	30
1476	Februar 21.	21	34	30	25	23	18	5	17	53	30	24	31	31	22
1477	März 20.	33	30	35	22	20	15	7	4	37	31	36	33	14	17
		15	16	17	18	19	20	21	22	23	24	25	26	27	
1471		1	2	17	25	23	16	7	8	10	15	6	14	26	
1472		10	13	23	26	20	10	30	23	17	11	31	21	19	
1473		15	13	11	7	33	30	22	23	17	20	18	15	16	
1474		12	13	6	5	10	31	30	27	17	9	14	27	29	
1475		25	20	19	12	11	27	26	26	18	24	12	10	17	
1476		22	21	21	13	16	18	20	39	21	12	11	11	22	

Tabelle 3.

Anzahl der Kennziffern und Durchschnittswerte, Oktober 1940 bis März 1941

$K_1 =$	0	1	2	3	4	5	6	7	8	9	K_{1m}	A	$K_1(A)$
Oktober 1940:	52	55	59	42	28	10	1	1	—	—	1.91	22.6 _γ	2.68
November 1940:	41	49	59	49	23	17	2	—	—	—	2.10	25.1	2.83
Dezember 1940:	30	53	68	44	38	14	—	1	—	—	2.21	26.2	2.89
Januar 1941:	36	57	59	50	29	14	3	—	—	—	2.14	25.4	2.84
Februar 1941:	16	35	67	50	40	11	5	—	—	—	2.52	30.4	3.10
März 1941:	15	41	46	52	45	32	12	2	1	2	2.99	58.5	4.05