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Potsdamer erdmagnetische Kennziffern

11. Mitteilung

Von **A. Burger**, Potsdam

Fortsetzung der Kennzifferreihen; vgl. Zeitschr. f. Geophys. 14 (1938), 68, 230, 272; 15 (1939), 214, 333; 16 (1940), 85, 185, 247; 17 (1941), 67, 147.

Tabelle 1.

Potsdamer erdmagnetische Kennziffern, Juli bis Dezember 1941

Juli 1941	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
0—3 ^h	31	35	22	11	67	31	67	11	11	31	21	21	11	01	11	
3—6	31	31	21	4s	58	21	58	21	11	31	21	11	01	11	11	
6—9	21	21	11	31	89	21	32	21	01	21	21	21	11	11	11	
9—12	21	11	11	31	89	31	21	31	31	21	21	21	31	01	21	
12—15	21	21	3s	31	99	67	31	41	41	21	21	35	21	11	31	
15—18	11	11	41	31	89	57	53	31	31	41	11	11	21	11	21	
18—21	11	11	21	57	52	47	51	45	41	41	11	11	11	23	21	
21—24	31	11	35	55	63	45	31	11	41	55	01	21	11	35	22	
Juli 1941	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
0—3 ^h	22	36	31	35	21	32	32	31	31	21	01	01	21	11	21	21
3—6	32	21	11	31	21	41	32	32	31	32	11	11	11	21	21	11
6—9	21	21	21	01	11	53	23	22	21	32	11	01	01	01	11	11
9—12	31	21	11	11	21	43	33	32	21	32	01	01	11	22	21	21
12—15	41	21	21	21	31	31	42	41	32	32	21	11	11	21	11	11
15—18	41	31	21	21	31	31	41	31	35	21	11	11	11	11	11	21
18—21	32	31	31	21	35	56	21	21	31	25	23	11	11	23	22	21
21—24	21	21	11	33	31	21	31	31	21	11	21	36	12	23	31	32
August 1941	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
0—3 ^h	11	56	21	5s	67	21	47	21	12	21	32	21	21	21	31	
3—6	11	41	32	68	37	31	31	11	12	01	11	31	21	31	11	
6—9	21	31	32	43	11	41	22	11	11	01	21	11	22	22	12	
9—12	21	32	22	48	21	21	32	21	21	01	21	22	21	22	12	
12—15	21	57	21	79	31	21	22	11	22	01	31	21	21	21	21	
15—18	21	41	45	68	31	41	31	21	11	01	21	21	32	21	11	
18—21	42	21	21	67	45	35	21	22	11	11	31	11	22	23	11	
21—24	31	31	45	67	31	45	35	11	23	21	21	33	36	13	01	

August 1941	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
0—3 ^h	01	21	11	41	21	35	21	01	21	11	55	67	41	31	55	31
3—6	01	11	01	31	11	11	01	11	21	11	21	41	32	31	43	21
6—9	01	01	11	22	11	21	01	12	21	11	11	41	32	32	34	22
9—12	11	11	21	32	01	22	11	02	21	21	21	52	42	42	33	22
12—15	21	01	21	31	01	21	11	01	21	11	45	57	31	42	42	32
15—18	21	11	31	31	21	31	11	01	21	31	41	47	21	55	32	33
18—21	31	11	32	31	11	36	36	12	36	46	47	56	31	47	46	32
21—24	11	11	31	31	21	22	21	21	21	31	47	65	32	45	31	33

September 1941	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0—3 ^h	31	31	31	23	01	01	01	31	31	31	22	21	01	41	55
3—6	32	21	21	11	11	01	3s	21	21	21	21	21	01	31	32
6—9	33	32	12	12	01	01	22	23	21	21	12	11	22	42	33
9—12	33	33	12	12	11	11	34	22	11	11	11	21	23	23	34
12—15	33	23	12	12	01	01	53	21	21	11	31	11	58	33	32
15—18	46	31	11	11	11	21	41	21	21	21	21	11	58	42	31
18—21	41	31	23	11	11	21	46	33	22	32	21	01	42	31	65
21—24	32	32	22	21	11	21	51	36	55	11	32	01	54	55	55

September 1941	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
0—3 ^h	56	22	21	89	58	21	12	11	46	55	21	32	21	21	32
3—6	41	11	69	89	31	56	12	11	31	31	11	21	21	42	21
6—9	21	45	79	69	31	21	22	21	31	32	11	21	11	22	22
9—12	31	21	79	58	68	31	12	22	31	22	22	21	11	32	32
12—15	21	31	89	33	55	42	11	32	41	31	12	21	11	32	23
15—18	21	42	99	53	31	47	11	55	33	31	11	46	21	31	21
18—21	45	31	89	68	21	11	11	31	55	56	11	21	31	32	46
21—24	46	21	99	37	11	01	11	31	58	31	21	22	46	33	31

Oktober 1941	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0—3 ^h	21	11	31	21	21	21	21	42	11	01	31	67	31	21	31
3—6	21	11	11	01	21	11	11	31	31	11	31	47	22	11	31
6—9	23	11	11	11	11	11	11	21	11	11	32	32	21	11	21
9—12	12	01	11	21	21	21	11	11	12	11	31	32	24	21	21
12—15	21	11	11	11	11	11	11	11	31	21	32	23	12	32	21
15—18	11	11	21	11	21	21	21	35	11	21	55	46	32	45	21
18—21	36	31	21	11	11	21	11	31	32	41	65	21	35	11	45
21—24	21	41	21	32	13	21	11	32	21	31	67	31	21	31	31

Oktober 1941	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
0—3 ^h	31	11	11	35	11	36	21	21	31	31	11	35	11	35	21	31
3—6	45	01	11	21	11	21	21	22	21	31	11	21	11	11	21	5s
6—9	21	11	11	21	11	11	11	22	21	01	21	21	11	01	21	32
9—12	11	21	11	11	11	01	21	22	11	01	31	22	21	21	21	21
12—15	32	21	11	21	11	11	31	21	21	11	21	12	21	11	21	31
15—18	41	21	21	46	11	01	69	33	45	11	11	01	31	11	21	47
18—21	55	21	31	21	21	01	68	55	56	21	42	11	46	36	21	67
21—24	45	21	11	21	31	22	55	46	45	11	55	35	22	36	31	69

November 1941	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0—3 ^h	69	11	31	31	11	31	41	31	23	31	51	21	11	21	11
3—6	69	01	21	21	21	31	22	31	21	31	31	21	11	11	01
6—9	55	01	01	21	11	31	22	31	11	11	21	21	01	11	01
9—12	31	01	01	21	21	41	31	22	31	31	31	21	21	11	01
12—15	65	01	21	11	21	55	32	46	32	55	21	11	11	11	11
15—18	57	21	21	11	45	66	41	43	55	55	45	21	35	21	21
18—21	31	46	01	11	56	65	45	55	32	31	41	31	21	21	12
21—24	11	31	31	21	55	55	31	21	31	45	33	45	21	36	23

November 1941	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
0—3 ^h	11	35	21	55	31	31	31	31	31	11	11	01	41	21	21
3—6	11	32	21	31	11	31	11	31	21	11	21	35	55	21	11
6—9	01	33	21	22	22	12	11	21	11	21	11	31	55	21	01
9—12	11	31	31	22	22	22	21	32	21	11	11	22	45	21	11
12—15	01	55	21	32	11	32	22	21	01	11	21	21	21	21	11
15—18	21	65	46	21	11	21	46	31	11	12	01	21	41	11	21
18—21	21	65	45	21	31	36	51	11	31	45	11	11	65	21	31
21—24	32	65	41	31	21	31	51	45	35	21	01	31	45	21	21

Dezember 1941	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0—3 ^h	31	45	11	31	11	31	11	21	11	21	01	01	26	51	31
3—6	21	51	11	21	21	31	31	11	11	21	11	11	11	41	31
6—9	53	21	01	21	21	11	21	11	11	01	01	21	21	21	21
9—12	53	31	11	31	11	24	11	01	21	11	01	11	21	41	21
12—15	68	31	11	31	21	24	11	21	31	21	11	21	31	55	22
15—18	69	45	31	21	31	31	21	31	21	31	11	31	41	41	21
18—21	51	31	55	45	45	11	35	21	21	01	11	25	45	55	11
21—24	65	11	41	35	45	21	21	45	45	21	01	12	31	55	46

Dezember 1941	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
0—3 ^h	41	21	21	21	21	01	21	25	31	01	01	45	31	45	11	31
3—6	55	21	21	11	01	11	01	31	11	01	21	41	21	21	11	11
6—9	21	21	44	21	01	01	01	01	01	11	11	11	21	11	01	01
9—12	21	32	34	11	11	01	01	11	21	21	21	21	11	21	11	01
12—15	11	21	34	11	01	02	11	31	21	11	21	21	11	11	21	11
15—18	11	45	41	21	25	01	31	45	31	11	21	21	21	35	35	35
18—21	11	31	21	21	11	11	21	21	36	11	11	31	21	21	31	21
21—24	21	45	31	21	11	35	21	46	35	01	45	45	31	45	45	21

Tabelle 1a.

Zeiten der plötzlichen Sturmanfälle (s), Januar bis Dezember 1941

1941	Stärke	Weltzeit	1941	Stärke	Weltzeit
5. Januar	3	15 ^h 42 ^m 7	4. Juli	6	3 ^h 41 ^m 9
1. März	9	3 56.9	4. August	7	1 28.1
30. März	7	16 37.0	7. September	5	4 40.9
10. Juni	5	13 16	31. Oktober	6	3 41
13. Juni	5	3 43	27. November	5	3 41.8
3. Juli	4	12 17.1			

Tabelle 2.

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

Rotat.- Nr.	Erster Tag 1941	1	2	3	4	5	6	7	8	9	10	11	12	13	14		
1481	Juli	6 . . .	29	32	20	20	25	12	14	11	9	14	23	19	15	16	
1482	August	2 . . .	29	22	44	25	24	22	12	11	5	18	16	18	16	10	
1483	August	29 . . .	30	29	21	26	22	13	10	5	7	26	19	19	15	16	
1484	September	25 . . .	27	11	19	16	23	21	15	12	13	11	12	13	10	20	
1485	Oktober	22 . . .	27	22	23	11	19	14	16	14	17	32	35	10	12	14	
1486	November	18 . . .	23	22	15	20	23	21	15	13	8	16	34	15	12	38	
1487	Dezember	15 . . .	19	18	22	23	13	7	5	10	19	17	6	14	22	16	
			15	16	17	18	19	20	21	22	23	24	25	26	27		
1481	. . . . .	19	29	24	23	21	19	9	7	9	12	14	14	14	17		
1482	. . . . .	9	7	15	24	9	18	10	5	17	16	26	39	25			
1483	. . . . .	9	23	28	31	26	21	56	44	28	21	9	20	30			
1484	. . . . .	15	14	32	27	18	17	21	26	12	11	18	11	9			
1485	. . . . .	22	35	25	26	22	27	26	18	12	13	7	10	35			
1486	. . . . .	25	16	22	19	17	15	15	16	13	4	10	21	34			
1487	. . . . .	19	15	12	6	21	22	28	26	22	20	8	12	19			

Tabelle 3.

Anzahl der Kennziffern und Durchschnittswerte, Juli bis Dezember 1941

$K_1 =$		0	1	2	3	4	5	6	7	8	9	K_{1m}	A	$K_1(A)$
Juli	1941:	13	55	78	65	18	11	4	—	3	1	2.38	34.7 ₇	3.30
August	1941:	20	46	76	59	30	9	7	1	—	—	2.38	29.0	3.04
September	1941:	13	45	66	62	21	20	5	2	4	2	2.67	43.0	3.60
Oktober	1941:	11	75	81	50	17	7	7	—	—	—	2.15	24.3	2.78
November	1941:	18	46	71	57	22	17	9	—	—	—	2.44	30,9	3.13
Dezember	1941:	29	58	76	44	28	10	3	—	—	—	2.10	24.0	2.76

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