

Werk

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Potsdamer erdmagnetische Kennziffern

3. Mitteilung

Von **J. Bartels**, Potsdam

Im Anschluß an die ersten beiden Mitteilungen (S. 68—78, 230—231) werden die Tabellen bis Ende November 1938 fortgesetzt. Die Kennziffern sind von Dr. Burger und dem Verfasser bestimmt.

Tabelle 1. Potsdamer erdmagnetische Kennziffern. 1. August bis 30. November 1938

August 1938	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
0 3 ^h	12	42	45	58	45	32	11	11	12	11	32	32	22	11	01	
3 6	12	58	21	53	57	32	22	11	02	33	33	32	33	12	01	
6- 9	32	21	11	53	32	23	11	12	01	32	43	22	22	01	11	
9-12	32	21	01	43	21	22	12	22	01	33	33	31	12	12	01	
12-15	31	31	01	42	57	11	42	11	32	33	47	31	21	22	01	
15-18	57	31	32	57	47	31	47	01	11	43	57	21	11	21	12	
18-21	32	43	32	41	42	35	21	36	11	21	32	31	21	11	01	
21-24	47	55	78	47	31	35	21	21	23	21	42	22	11	25	01	
August 1938	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
0 3 ^h	01	01	11	11	11	01	11	33	11	42	12	11	01	22	32	22
3- 6	01	01	11	11	11	01	22	33	02	32	11	12	12	23	42	22
6- 9	01	01	01	01	11	12	11	33	22	22	12	02	01	33	22	12
9-12	11	11	01	01	01	11	11	56	22	02	12	12	12	22	22	22
12-15	01	31	11	11	01	32	58	53	33	12	12	11	11	12	32	21
15-18	01	31	11	22	11	32	43	33	21	21	01	12	32	12	12	12
18-21	01	11	12	21	12	21	43	31	48	35	22	12	32	45	22	11
21-24	01	12	11	11	11	22	33	21	56	12	23	23	33	22	11	01
September 1938	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
0 3 ^h	25	11	21	11	41	01	21	22	01	21	22	21	11	53	67	
3 6	12	12	21	11	31	01	12	11	12	11	21	21	45	67	57	
6 9	11	02	22	11	11	01	12	11	22	22	12	21	11	12	47	
9-12	12	11	22	22	11	22	11	22	22	22	12	21	12	12	43	
12-15	01	11	22	22	45	11	12	21	22	32	12	22	11	32	68	
15-18	21	12	35	22	45	11	45	21	32	21	22	22	22	58	57	
18-21	22	12	22	21	22	11	21	21	35	22	22	21	58	57	69	
21-24	11	22	22	32	11	21	02	11	21	22	35	35	67	57	42	
September 1938	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
0- 3 ^h	32	22	12	11	25	01	21	22	11	12	32	31	79	23	22	
3- 6	32	32	12	02	12	12	22	48	01	12	22	22	58	33	12	
6- 9	12	12	12	12	22	22	22	33	01	11	58	32	49	33	12	
9-12	12	12	22	12	22	22	32	23	12	12	46	22	33	33	38	
12-15	22	32	22	02	22	12	31	13	12	12	38	27	43	33	48	
15-18	21	22	22	11	11	12	22	13	12	22	48	37	32	22	33	
18-21	22	11	01	11	12	31	11	12	11	21	68	46	32	31	67	
21-24	32	02	36	22	02	45	01	22	35	22	55	68	32	35	48	
Oktober 1938	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
0 3 ^h	58	32	31	22	01	01	01	58	32	35	35	01	01	12	12	
3- 6	66	32	22	32	01	22	22	68	12	31	32	02	11	01	11	
6- 9	43	22	23	11	11	32	38	53	21	12	12	12	12	01	11	
9-12	43	22	22	22	12	32	43	43	32	21	12	11	22	02	21	
12-15	22	32	11	45	01	22	68	42	11	32	22	02	01	02	21	
15-18	22	42	45	22	01	22	79	55	32	11	22	10	11	01	01	
18-21	45	32	42	21	01	21	69	55	31	32	31	35	32	01	21	
21-24	46	45	45	22	01	11	43	22	45	35	01	32	36	12	21	

Oktober 1938	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
0-3 ^h	32	31	11	31	31	21	11	22	31	57	32	45	41	21	45	12
3-6	21	11	11	31	35	11	01	33	31	35	32	42	32	22	11	21
6-9	21	11	21	21	33	11	21	33	21	33	33	32	32	22	11	11
9-12	22	22	21	11	32	22	22	33	22	33	33	33	33	11	11	11
12-15	42	32	11	31	32	32	22	32	57	48	58	38	48	11	02	11
15-18	34	22	21	21	32	21	21	31	55	33	57	55	55	45	01	00
18-21	31	11	31	21	45	21	45	31	45	47	45	55	45	41	01	02
21-24	34	01	35	32	22	22	32	45	57	57	55	47	21	35	01	22
November 1938	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
0-3 ^h	21	11	11	11	11	23	01	22	57	41	11	21	22	11	31	
3-6	11	11	11	11	11	11	01	32	32	31	11	11	11	01	22	
6-9	01	11	22	12	11	12	12	22	32	21	11	11	11	01	12	
9-12	22	21	22	21	21	22	12	32	42	21	21	11	12	11	11	
12-15	35	21	11	21	11	21	11	37	47	11	21	01	11	28	11	
15-18	11	34	21	11	35	21	11	57	67	01	11	01	01	37	01	
18-21	21	11	22	35	11	35	46	45	57	11	32	01	01	57	11	
21-24	11	11	22	22	12	21	31	57	45	21	21	01	01	45	45	
November 1938	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
0-3 ^h	21	31	22	32	22	11	21	35	31	32	35	32	01	36	35	
3-6	21	28	22	21	11	12	46	31	31	31	31	23	11	21	01	
6-9	22	12	23	22	11	22	32	22	32	21	43	22	21	21	11	
9-12	21	32	32	33	22	43	38	32	42	22	43	32	32	11	11	
12-15	22	57	33	22	32	47	21	32	45	21	31	32	32	11	01	
15-18	22	65	11	21	31	55	31	35	57	45	45	21	21	21	11	
18-21	01	57	45	31	31	47	21	21	45	31	31	10	11	12	11	
21-24	46	55	32	22	22	55	21	45	35	21	31	26	10	36	01	

Tabelle 2.

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

Rotat.-	Erster Tag															
Nr.	1938	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
1441	Juli 22.	11	12	12	3	4	6	6	15	30	8	23	28	20	36	
1442	Aug. 18.	6	8	6	12	21	27	19	16	8	8	12	17	18	11	
1443	Sept. 14.	31	40	17	13	12	7	11	14	15	16	8	11	32	25	
1444	Okt. 11.	15	9	11	2	11	22	13	15	19	24	15	16	24	29	
1445	Nov. 7.	11	27	34	15	13	5	6	16	13	16	30	20	19	17	
Rotat -		15	16	17	18	19	20	21	22	23	24	25	26	27		
1441 . . .		30	20	17	11	8	21	29	21	14	10	2	1	9		
1442 . . .		10	8	17	14	21	6	13	12	15	16	15	17	22		
1443 . . .		32	22	24	31	24	22	18	2	15	32	36	20	19		
1444 . . .		30	31	31	28	19	7	8	12	12	13	13	11	15		
1445 . . .		26	21	23	29	21	27	18	13	15	7	—	—	—		

Tabelle 3. Häufigkeiten der Kennziffern K_1 für jeden Monat, und Durchschnittswerte, August bis November 1938

$K_1 =$	0	1	2	3	4	5	6	7	8	9	K_{1m}	\bar{A}	$K_1(A)$
Aug.	39	72	49	50	23	14	—	1	—	—	1.97	23.1	2.71
Sept.	16	71	79	38	17	10	8	1	—	—	2.15	26.4	2.90
Okt.	29	41	57	68	32	16	4	1	—	—	2.41	30.1	3.09
Nov. . . .	19	63	69	54	22	11	2	—	—	—	2.16	24.0	2.77