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## Potsdamer erdmagnetische Kennziffern

### 10. 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.

Tabelle 1.

Potsdamer erdmagnetische Kennziffern, April bis Juni 1941

<b>April 1941</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
0—3 <sup>h</sup>	31	31	31	21	21	31	01	41	31	21	31	31	45	11	01	
3—6	11	21	31	11	01	31	01	11	41	22	31	31	12	21	01	
6—9	01	01	11	11	11	11	01	11	31	33	32	22	12	11	01	
9—12	21	11	11	11	11	01	22	21	33	22	21	32	12	11	21	
12—15	11	31	21	01	11	11	32	22	32	21	32	32	12	01	31	
15—18	21	21	31	01	11	11	31	21	31	57	32	31	11	11	21	
18—21	21	21	41	11	11	11	52	32	21	55	32	21	11	01	21	
21—24	31	46	31	35	46	32	57	31	21	55	31	22	21	01	31	
<b>April 1941</b>	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
0—3 <sup>h</sup>	31	11	45	31	31	31	01	11	11	57	31	11	21	57	21	
3—6	11	11	11	55	21	22	11	01	11	41	31	01	31	37	21	
6—9	01	21	11	31	22	12	11	01	42	32	11	11	01	21	01	
9—12	31	21	31	31	22	12	01	11	53	32	42	01	21	11	01	
12—15	31	21	41	31	31	32	11	11	58	21	21	01	11	01	01	
15—18	21	31	21	31	21	21	11	67	41	21	21	45	01	11	11	
18—21	11	21	31	45	36	36	21	21	67	41	11	11	41	01	01	
21—24	11	21	57	41	31	01	21	11	57	41	21	11	41	21	01	
<b>Mai 1941</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
0—3 <sup>h</sup>	01	11	11	11	21	11	11	01	21	41	35	11	41	11	31	
3—6	01	21	21	35	01	21	21	01	21	21	11	22	21	21	11	
6—9	01	01	11	31	11	11	01	01	21	11	11	11	21	11	11	
9—12	21	01	11	31	11	31	01	21	21	31	11	11	22	21	21	
12—15	21	21	11	21	31	21	11	21	11	35	11	21	31	21	11	
15—18	31	21	11	31	21	11	11	31	11	31	01	11	31	35	21	
18—21	31	11	35	21	11	35	11	32	21	21	01	11	21	11	21	
21—24	31	21	31	35	01	01	21	21	31	22	11	21	01	31	22	
<b>Mai 1941</b>	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
0—3 <sup>h</sup>	45	11	11	11	01	21	45	31	31	41	31	11	21	31	21	46
3—6	31	42	31	21	11	21	45	21	41	21	11	11	21	21	11	11
6—9	31	31	12	01	01	21	21	31	31	21	21	21	21	21	01	11
9—12	31	31	21	11	11	31	31	31	31	31	31	11	21	11	11	21
12—15	38	41	22	01	11	21	41	42	31	21	21	21	21	21	31	11
15—18	41	21	21	01	21	41	31	21	21	21	21	31	21	21	31	31
18—21	11	21	31	21	01	51	56	45	32	31	31	36	21	21	31	45
21—24	21	31	35	11	22	58	31	41	31	41	31	11	35	21	21	21

<b>Juni 1941</b> . . . . .	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0—3 <sup>h</sup> . . . . .	<b>31</b>	<b>21</b>	<b>11</b>	<b>21</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>01</b>	<b>11</b>	<b>31</b>	<b>56</b>	<b>21</b>	<b>11</b>	<b>55</b>	<b>31</b>
3—6 . . . . .	<b>31</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>21</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>21</b>	<b>33</b>	<b>32</b>	<b>38</b>	<b>41</b>	<b>41</b>
6—9 . . . . .	<b>31</b>	<b>01</b>	<b>11</b>	<b>11</b>	<b>01</b>	<b>01</b>	<b>11</b>	<b>21</b>	<b>11</b>	<b>32</b>	<b>33</b>	<b>11</b>	<b>51</b>	<b>31</b>	<b>41</b>
9—12 . . . . .	<b>11</b>	<b>01</b>	<b>21</b>	<b>01</b>	<b>21</b>	<b>45</b>	<b>11</b>	<b>31</b>	<b>43</b>	<b>31</b>	<b>31</b>	<b>21</b>	<b>51</b>	<b>21</b>	<b>31</b>
12—15 . . . . .	<b>31</b>	<b>01</b>	<b>21</b>	<b>01</b>	<b>11</b>	<b>31</b>	<b>21</b>	<b>21</b>	<b>31</b>	<b>68</b>	<b>21</b>	<b>31</b>	<b>51</b>	<b>31</b>	<b>41</b>
15—18 . . . . .	<b>21</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>31</b>	<b>21</b>	<b>52</b>	<b>41</b>	<b>31</b>	<b>31</b>	<b>21</b>	<b>31</b>
18—21 . . . . .	<b>21</b>	<b>01</b>	<b>11</b>	<b>11</b>	<b>21</b>	<b>21</b>	<b>01</b>	<b>11</b>	<b>21</b>	<b>31</b>	<b>45</b>	<b>31</b>	<b>32</b>	<b>31</b>	<b>31</b>
21—24 . . . . .	<b>31</b>	<b>01</b>	<b>01</b>	<b>21</b>	<b>21</b>	<b>11</b>	<b>11</b>	<b>01</b>	<b>21</b>	<b>43</b>	<b>21</b>	<b>21</b>	<b>31</b>	<b>41</b>	<b>21</b>

<b>Juni 1941</b> . . . . .	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
0—3 <sup>h</sup> . . . . .	<b>21</b>	<b>11</b>	<b>41</b>	<b>11</b>	<b>31</b>	<b>31</b>	<b>35</b>	<b>21</b>	<b>11</b>	<b>21</b>	<b>45</b>	<b>31</b>	<b>31</b>	<b>31</b>	<b>21</b>
3—6 . . . . .	<b>11</b>	<b>21</b>	<b>31</b>	<b>11</b>	<b>41</b>	<b>31</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>21</b>
6—9 . . . . .	<b>12</b>	<b>11</b>	<b>21</b>	<b>01</b>	<b>41</b>	<b>31</b>	<b>21</b>	<b>11</b>	<b>11</b>	<b>01</b>	<b>01</b>	<b>21</b>	<b>11</b>	<b>21</b>	<b>21</b>
9—12 . . . . .	<b>12</b>	<b>31</b>	<b>21</b>	<b>21</b>	<b>31</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>11</b>	<b>21</b>	<b>21</b>	<b>11</b>	<b>31</b>	<b>31</b>
12—15 . . . . .	<b>12</b>	<b>31</b>	<b>31</b>	<b>21</b>	<b>31</b>	<b>31</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>35</b>	<b>11</b>	<b>31</b>	<b>21</b>	<b>31</b>	<b>21</b>
15—18 . . . . .	<b>01</b>	<b>41</b>	<b>41</b>	<b>31</b>	<b>31</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>31</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>35</b>	<b>21</b>	<b>11</b>
18—21 . . . . .	<b>12</b>	<b>52</b>	<b>31</b>	<b>31</b>	<b>32</b>	<b>21</b>	<b>32</b>	<b>21</b>	<b>35</b>	<b>31</b>	<b>31</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>11</b>
21—24 . . . . .	<b>25</b>	<b>35</b>	<b>01</b>	<b>32</b>	<b>48</b>	<b>21</b>	<b>36</b>	<b>22</b>	<b>35</b>	<b>31</b>	<b>31</b>	<b>22</b>	<b>21</b>	<b>11</b>	<b>23</b>

Tabelle 2.

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

Rotat.- Nr.	Erster Tag 1941	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1477 März	20. . . . .	<b>33</b>	<b>30</b>	<b>35</b>	22	20	15	7	4	<b>37</b>	<b>31</b>	<b>36</b>	<b>33</b>	<b>14</b>	<b>17</b>
1478 April	16. . . . .	14	15	23	<b>28</b>	20	15	9	7	<b>33</b>	<b>29</b>	18	6	20	13
1479 Mai	13. . . . .	18	15	14	23	22	17	7	7	<b>25</b>	<b>28</b>	<b>25</b>	24	22	19
1480 Juni	9. . . . .	16	<b>29</b>	<b>26</b>	19	<b>28</b>	<b>26</b>	<b>26</b>	9	22	21	15	<b>27</b>	20	19
		15	16	17	18	19	20	21	22	23	24	25	26	27	
1477	. . . . .	20	9	11	13	18	18	23	<b>26</b>	23	21	12	6	12	
1478	. . . . .	5	13	10	13	20	10	13	8	12	15	20	8	11	
1479	. . . . .	14	17	16	15	18	20	4	9	8	11	15	9	12	
1480	. . . . .	14	16	14	16	17	16	18	15	17	14	18	<b>27</b>	<b>55</b>	

Tabelle 3.

Anzahl der Kennziffern und Durchschnittswerte, April bis Juni 1941

$K_1 =$	0	1	2	3	4	5	6	7	8	9	$K_{1m}$	$A$	$K_1(A)$
April 1941: . . . .	33	58	56	60	79	12	2	—	—	—	2.07	23.6 $\gamma$	<b>2.74</b>
Mai 1941: . . . .	23	58	84	62	18	3	—	—	—	—	2.01	19.7	<b>2.48</b>
Juni 1941: . . . .	18	55	73	69	17	7	1	—	—	—	2.15	22.5	<b>2.67</b>

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