CONCLUSION OF REPORT ON THE RESULTS¹ OF MAGNETIC OBSERVATIONS AT GRONINGEN, HOLLAND, FROM 14^h 20^m TO 21^h, MAY 17, 1901, GREENWICH MEAN ASTRONOMICAL TIME.

BY PROFESSOR W. HAGA.

DECLINATION, D ₀ (WEST) +								HORIZONTAL INTENSITY, H ₀ +							
Min.	14h	15h	16h	17h	18h	19h	20h	14h	15h	16h	17h	18h	19h	20h	
	'	'	'	'	'	'	'	γ	γ	γ	γ	γ	γ	γ	
0		0.44	1.60	3.08	3.96	4.68	4.08		32.5	33.7	30.0	23.8	14.6	5.7	
1		0.48	1.60	3.04	4.00	4.64	4.00		32.5	33.8	29.9	23.7	14.3	5.6	
2		0.44	1.60	2.88	4.04	4.60	4.00		32.5	33.7	29.6	23.5	14.0	6.0	
3		0.44	1.60	3.04	4.04	4.60	3.96		32.4	33.3	29.5	23.1	13.7	5.5	
4		0.44	1.60	3.04	4.08	4.60	3.96		32.5	33.7	29.5	23.0	13.7	5.8	
5		0.44	1.60	3.16	4.08	4.56	3.96		32.3	33.6	29.3	22.9	13.5	5.7	
6		0.48	1.60	3.20	4.08	4.64	4.00		32.1	33.6	29.3	22.7	13.3	5.7	
7		0.64	1.60	3.12	4.12	4.76	3.96		32.1	33.5	29.2	22.4	13.4	5.7	
8		0.68	1.76	3.12	4.08	4.68	3.96		32.3	33.7	29.0	22.3	13.0	5.7	
9		0.72	1.68	3.20	4.08	4.60	3.84		32.3	33.8	27.7	22.1	12.7	5.5	
10		0.72	1.80	2.84	4.08	4.48	3.84		32.3	33.7	26.7	22.1	12.2	5.3	
11		0.80	1.84	3.04	4.04	4.44	3.92		32.4	33.8	27.8	22.2	11.9	5.1	
12		0.80	1.92	3.20	4.00	4.52	3.92		32.1	33.6	28.3	21.9	11.8	5.5	
13		0.80	1.96	3.20	4.00	4.52	3.81		32.4	33.4	28.0	21.8	11.7	6.2	
14		0.84	1.92	3.24	4.00	4.48	3.80		32.8	33.4	27.8	21.6	11.3	6.2	
15		0.80	2.00	3.16	4.08	4.56	3.76		33.0	33.0	27.8	21.6	10.9	5.8	
16		0.80	2.00	3.20	4.20	4.52	3.80		33.0	33.0	27.7	21.4	10.9	5.9	
17		0.84	2.00	3.24	4.20	4.52	3.88		32.8	32.8	27.7	21.3	10.8	6.1	
18		0.92	2.04	3.40	4.28	4.60	3.88		32.7	32.9	27.8	21.3	10.2	5.7	
19		0.92	2.08	3.48	4.24	4.60	3.92		32.7	32.8	27.8	21.2	9.9	5.6	
20	0.40	0.96	2.04	3.52	4.32	4.60	3.72	30.2	32.8	32.7	27.7	21.0	9.9	1.4	
21	0.40	0.92	2.04	3.60	4.24	4.64	3.72	30.5	33.0	32.5	27.7	21.0	10.0	5.0	
22	0.40	0.88	2.24	3.64	4.32	4.60	3.64	30.6	33.1	32.8	27.6	21.0	9.9	6.0	
23	0.40	0.88	2.24	3.68	4.32	4.52	3.60	30.4	32.8	32.5	27.3	20.7	9.8	6.4	
24	0.36	0.92	2.40	3.76	4.40	4.44	3.64	30.8	32.9	32.4	27.3	20.3	9.4	6.1	
25	0.28	1.00	2.28	3.72	4.40	4.48	3.64	31.1	32.9	32.3	27.3	20.3	9.3	6.0	
26	0.12	1.04	2.36	3.64	4.40	4.52	3.56	30.9	32.8	32.3	27.3	20.0	9.1	6.3	
27	0.16	1.04	2.16	3.60	4.40	4.56	3.52	30.7	32.8	32.3	27.2	19.6	9.2	6.2	
28	0.08	1.12	2.20	3.60	4.40	4.60	3.48	30.7	32.7	32.5	27.1	19.8	9.0	6.0	
29	0.00	1.16	2.24	3.64	4.44	4.52	3.44	31.0	32.7	32.4	26.9	19.7	9.2	6.3	
30	0.08	1.20	2.32	3.64	4.40	4.44	3.36	30.7	32.4	32.3	26.9	19.5	9.0	5.9	
31	0.00	1.20	2.44	3.68	4.40	4.40	3.32	30.8	32.3	32.3	26.8	19.4	9.0	5.6	
32	0.04	1.20	2.44	3.60	4.40	4.40	3.24	30.7	32.3	32.4	26.8	19.1	8.9	5.5	
33	0.00	1.20	2.48	3.60	4.40	4.40	3.20	30.7	32.1	32.4	26.7	18.9	8.7	5.7	
34	0.00	1.20	2.48	3.60	4.40	4.44	3.16	30.1	31.9	32.3	26.6	18.8	8.2	5.9	
35	0.08	1.20	2.48	3.68	4.44	4.48	3.12	30.0	31.9	32.3	26.4	18.7	7.9	6.5	
36	0.08	1.32	2.52	3.64	4.44	4.40	3.00	29.8	32.4	32.4	26.2	18.5	5.8	6.7	
37	0.16	1.40	2.64	3.72	4.40	4.40	2.96	30.3	31.3	32.4	26.2	18.3	5.7	6.6	
38	0.32	1.36	2.56	3.68	4.40	4.40	3.00	30.5	31.3	32.3	26.0	18.0	7.4	6.5	
39	0.32	1.44	2.72	3.72	4.40	4.28	3.04	30.6	31.5	32.5	25.9	17.9	7.7	6.6	
40	0.36	1.44	2.68	3.72	4.40	4.24	3.00	30.7	31.5	32.3	25.8	17.9	7.6	6.8	
41	0.40	1.56	2.76	3.76	4.44	4.20	2.88	31.0	31.6	32.3	25.8	17.8	7.4	6.6	
42	0.36	1.48	2.76	3.72	4.52	4.24	2.80	31.3	32.0	32.1	25.8	17.6	7.0	6.5	
43	0.40	1.52	2.76	3.72	4.60	4.28	2.80	31.7	32.1	32.1	25.6	17.5	6.7	6.5	
44	0.44	1.56	2.72	3.88	4.60	4.28	2.84	31.5	32.2	31.9	25.5	17.2	6.5	7.3	
45	0.48	1.56	2.80	3.76	4.60	4.24	2.80	31.6	32.3	31.7	25.5	17.2	6.7	7.4	
46	0.52	1.56	2.76	3.72	4.56	4.28	2.76	31.8	32.3	31.5	25.3	17.1	6.5	8.0	
47	0.56	1.56	2.80	3.60	4.60	4.28	2.72	31.8	32.3	31.3	22.9	16.8	6.4	8.4	
48	0.64	1.60	2.80	3.72	4.60	4.28	2.60	31.8	32.5	31.3	23.0	16.4	6.0	8.7	
49	0.68	1.52	2.88	3.76	4.64	4.36	2.56	31.8	32.5	31.3	25.2	16.1	6.0	8.5	
50	0.60	1.52	2.76	3.80	4.68	4.32	2.44	31.8	32.6	30.6	25.4	16.1	6.0	8.5	
51	0.64	1.60	2.84	3.72	4.60	4.28	2.36	31.6	32.5	30.9	25.1	16.0	5.9	8.4	
52	0.52	1.68	2.80	3.64	4.64	4.20	2.36	31.5	32.4	30.5	24.9	16.0	5.8	8.5	
53	0.64	1.68	2.80	3.72	4.60	4.12	2.32	31.3	32.4	30.7	24.7	16.0	6.0	8.4	
54	0.52	1.68	2.84	3.92	4.64	4.16	2.32	31.4	32.5	30.5	24.4	15.9	6.0	8.5	
55	0.56	1.72	2.96	3.96	4.60	4.20	2.20	31.4	32.6	30.4	24.1	15.6	5.7	8.4	
56	0.64	1.72	3.16	3.96	4.56	4.24	2.12	31.5	32.6	30.3	23.9	15.1	5.9	8.6	
57	0.60	1.76	3.12	3.96	4.56	4.20	2.04	31.8	33.0	30.2	24.0	14.8	5.6	8.9	
58	0.56	1.72	3.12	3.96	4.60	4.20	2.00	32.3	33.1	30.1	24.0	14.8	5.4	9.0	
59	0.52	1.60	3.12	3.96	4.64	4.12	1.96	32.5	33.3	30.0	23.9	14.8	5.1	9.1	
60	0.44	1.60	3.08	3.96	4.68	4.08	2.00	32.5	33.7	30.0	23.8	14.6	5.7	8.3	

¹ [The original readings were converted by us into absolute measure by subtracting from the *D* scale readings, 400 divisions and multiplying the remainder by 0.4 and in the case of the *H* readings, subtracting 380 divisions and multiplying remainder by 0.0005 $H=0.9227$, taking H as 184507. For the explanatory remarks accompanying the report, see page 128.—L. A. B.]