

ZONEN-BEOBACHTUNGEN

AM

CLARK'SCHEN REFRACTOR

VON 30.1^{CM}. (11 $\frac{3}{4}$ ENGL. ZOLL) ÖFFNUNG.



EINLEITUNG.

Die im Nachfolgenden publicirten Zonen-Beobachtungen enthalten jene Zonen, welche der Wiener Sternkarte Nr. 7 als Grundlage gedient haben. Sie sind vollständig gleichartig mit den im IX. und XII. Bande publicirten beobachtet und ebenso ist die Anordnung des Druckes die gleiche geblieben.

Es wird vielleicht auffallen, dass die Beobachtungen für die Sternkarte Nr. 7 vor jenen für die Sternkarte Nr. 6 veröffentlicht werden. Für diesen Vorgang war der Umstand massgebend, dass gegenwärtig weder die Zonen-Beobachtungen von Algier noch jene von Washington, welche einen Theil der Kataloge der astronomischen Gesellschaft bilden werden und in deren Gebiete die Beobachtungen für die Sternkarte Nr. 6 fallen, erhältlich sind, während anderseits die Zonen-Beobachtungen zwischen -6° und -10° , welche an der v. Kuffner'schen Sternwarte durchgeführt wurden, theils gedruckt, theils im Manuscript vorlagen, und weiters der Director der kaiserlichen Sternwarte in Strassburg Prof. Dr. E. Becker die ganz ausserordentliche Freundlichkeit hatte, die bezüglichen Strassburger Zonen in Anbetracht des vorliegenden Zweckes früher reduciren zu lassen.

Zur Bildung der Nullpunkte wurden im Allgemeinen die an den eben genannten Sternwarten beobachteten Sterne verwendet, und nur an drei Stellen andere, gut bestimmte Sterne herangezogen, weil die zur Verfügung stehenden zu ungleichmässig über das Gebiet der betreffenden Zone vertheilt waren. Bei den Zonen 53 und 59 zeigte sich eine bedeutende Disharmonie in den Nullpunkten. Sowohl die Anhaltsterne als auch die mit den Nachbarzonen gemeinsamen Sterne wiesen darauf hin, dass die Ursache derselben eine unrichtige Orientirung des Fadennetzes war. Es wurde deshalb aus den Beobachtungen der Anhaltsterne selbst die Neigung des Fadennetzes ermittelt und die entsprechende Correction in beiden Coordinaten angebracht. Das Nähere darüber ist aus den Reductionstafeln zu ersehen.

Ein Asterisk neben der Ordnungszahl in der ersten Columne verweist auf die jeder Zone angefügten Bemerkungen, in welchen sämmtliche mir zur Verfügung stehenden Quellen angeführt sind, welche Beobachtungen des betreffenden Sternes enthalten. Von den übrigen, nicht asteriskirten Zonensternen habe ich keine genaueren Positionsbestimmungen vorgefunden. Die vorkommenden Abkürzungen der Bezeichnungen der Kataloge sind die allgemein gebräuchlichen.

Ich kann es hier nicht unterlassen, sowohl dem Herrn Professor Dr. E. Becker, als auch dem Director der v. Kuffner'schen Sternwarte, Herrn Dr. Leo de Ball, für die ausserordentliche Freundlichkeit und die verursachte Mühe, dass sie mir die zur definitiven Reduction dieser Zonen nöthigen Anhaltsterne berechneten und aus den Manuscripten heraussuchten, meinen herzlichsten und aufrichtigsten Dank auszusprechen.

Wien, März 1899.

Dr. Johann Palisa.

Zonen-Beobachtungen.

Zone 41: 1884, April 4.

Nr.	Grüsse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Dclgr. in Bogen-mass	Ref.	Faden-neigung	Red.
1*	8	12 ^h 18 ^m 19 ^s .60	4° 57' 16".5	11 ^h 54 ^m 28 ^s .86	1	+18.12	0 ^s .05		30.22	14.79	o	9' 29".7	0.5	+0".1	3' 15".2
2	13	27.25	58 13.4	45.21	2	+9.42			30.22	12.01	o	8 33.0	0.4	0.0	15.2
3	11	48.76	5 2 37.8	55 6.79	2	+9.39			30.23	12.20	u	4 9.0	0.2	-0.1	15.1
4	11.5	54.14	4 58 5.8	12.10	2	+9.42			30.22	12.39	o	8 40.7	0.4	0.0	15.1
5	12	59.98	50 47.4	17.84	2	+9.48			30.22	7.46	e	15 58.9	0.8	-0.2	15.1
6	11.5	19 14.41	53 32.3	32.32	2	+9.45			30.22	12.61	i	13 14.0	0.6	0.0	15.1
7	13	13.40	48 22.4	40.73	3	0.00	10		30.22	14.55	e	18 23.6	0.9	0.0	15.1
8	11.5	36.04	51 49.4	45.23	1	+18.16		8	30.22	17.65	i	14 56.9	0.7	0.0	15.0
9	11	36.60	43 48.1	54.39	2	+9.51	13		30.22	14.83	a	22 58.0	1.1	-0.2	15.0
10	13	20 9.51	56 51.8	56 18.78	1	+18.12		5	30.23	16.01	o	9 54.6	0.5	+0.1	15.0
11*	8	21.78	53 58.2	30.99	1	+18.16		7	30.23	11.35	i	12 48.3	0.6	0.0	14.9
12	13	14.19	54 44.2	41.56	3	0.00		7	30.23	9.09	i	12 2.2	0.6	0.0	15.0
13	10	22.00	59 29.5	49.40	3	0.00		4	30.23	8.30	o	7 17.2	0.4	0.0	14.9
14	11	25.37	5 1 18.0	57 2.36	4	-9.58		3	30.23	2.99	o	5 28.8	0.3	0.0	14.9
15	13	28.98	5 4 31.2	14.33	5	-17.91	1		30.24	6.64	u	2 15.5	0.1	+0.3	14.9
16	10	21 11.22	1 5.3	29.22	2	+9.42		3	30.24	3.61	o	5 41.5	0.3	0.0	14.9
17	12	9.31	4 57 23.7	36.71	3	0.00		5	30.24	1.29	i	9 22.9	0.5	0.0	14.9
18	12	25.88	46 34.5	43.70	2	+9.51	11		30.23	6.69	a	20 11.9	1.0	-0.2	14.8
19	10	40.73	57 29.0	49.97	1	+18.16		5	30.24	1.04	i	9 17.8	0.4	0.0	14.8
20	12	31.39	46 59.6	58.72	3	0.00	11		30.23	5.45	a	19 46.6	1.0	0.0	14.8
21	10.5	51.92	50 16.5	58 9.80	2	+9.48		9	30.24	8.99	e	16 30.1	0.8	-0.2	14.8
22	13	44.86	49 47.5	21.77	4	-9.55		9	30.24	10.39	e	16 58.7	0.8	+0.2	14.8
		44.38		29.76	5	-18.02		9			e				
23*	9	22 6.51	54 45.5	33.89	3	0.00		7	30.24	9.04	i	12 1.1	0.6	0.0	14.8
		6.64		43.59	4	-9.57		7			i				
24	11	2.83	5 1 34.5	48.16	5	-17.91		3	30.24	15.29	u	5 12.1	0.3	+0.3	14.8
25	10	24.50	5 28.1	59 1.55	4	-9.60		1	30.25	3.87	u	1 19.0	0.1	+0.1	14.7
26	10.5	20.82	4 44 31.4	6.20	5	-18.05		12	30.24	12.70	a	22 14.5	1.1	+0.3	14.7
27	11	32.20	43 57.3	17.57	5	-18.05	13		30.24	14.37	a	22 48.6	1.1	+0.3	14.7
28	12	36.97	47 36.4	22.33	5	-18.02	11		30.24	16.81	e	19 9.7	0.9	+0.3	14.7
29	11	54.28	45 10.8	31.14	4	-9.53	12		30.24	10.78	a	21 35.4	1.0	+0.1	14.7
30	11.5	23 1.12	46 45.3	37.99	4	-9.53	11		30.24	6.16	a	20 1.0	1.0	+0.1	14.6
31	11	9.51	5 1 23.0	46.53	4	-9.58	3	0 ^s .01	30.25	2.76	o	5 24.1	0.3	0.0	14.6
32*	11	18.22	4 44 41.9	55.09	4	-9.53	12	1	30.24	12.20	a	22 4.3	1.1	+0.1	14.6
33	11	41.37	51 21.4	59.31	2	+9.45	8	1	30.25	19.04	i	15 25.3	0.7	0.0	14.6
34	13	12 23 32.93	4 45 15.6	12 0 9.80	4	-9.53	0.12	0.01	30.24	10.55	a	21 30.7	1.0	+0.1	3 14.6

ZONEN-BEOBACHTUNGEN.

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Dclgr. in Bogen-mass	Ref.	Faden-neigung	Red.	
35	11	12 ⁿ 24 ^m 10 ^s 25	5° 2' 13" 2	12 ^h 0 ^m 19 ^s 61	1	+18.09	0.03	0.01	30.26	13.44	u	4' 34.4	0.2	-0.3	3' 14.5
36	12	23.31	4 45 26.8	32.42	1	+18.24	12	1	30.25	10.03	a	21 20.0	1.0	-0.3	14.5
37	10	29.49	44 14.4	38.60	1	+18.24	12	1	30.25	13.57	a	22 32.3	1.1	-0.3	14.5
38	12	42.65	55 34.5	51.91	1	+18.16	6	1	30.26	6.66	i	11 12.6	0.5	0.0	14.4
39*	9	25 31.16	5 5 55.4	1 58.65	3	0.00	0	1	30.27	2.56	u	0 52.3	0.0	0.0	14.3
40	11.5	45.08	4 51 28.5	2 3.00	2	+ 9.48	8	1	30.26	5.49	e	15 18.7	0.7	-0.2	14.3
41	11.5	41.35	43 10.3	18.22	4	- 9.53	13	1	30.25	16.70	a	23 36.2	1.1	+0.1	14.3
42	12	51.43	5 3 50.1	28.50	4	- 9.60	2	1	30.27	8.69	u	2 57.4	0.1	+0.1	14.3
43	13	26 33.02	4 59 2.7	42.35	1	+18.12	4	1	30.27	9.64	o	7 44.6	0.4	+0.1	14.2
44*	9	37.02	58 19.4	46.34	1	+18.12	5	1	30.27	11.76	o	8 27.9	0.4	+0.1	14.2
45	11	39.49	56 39.0	57.50	2	+ 9.42	6	1	30.27	16.68	o	10 8.3	0.5	0.0	14.2
46	11	48.94	46 27.5	3 6.80	2	+ 9.51	11	1	30.26	7.07	a	20 19.6	1.0	-0.2	14.1
47	12	27 21.15	53 51.7	30.41	1	+18.16	7	1	30.27	11.71	i	12 55.6	0.6	0.0	14.1
48	13	27.82	56 37.8	37.13	1	+18.12	6	1	30.27	16.74	o	10 9.5	0.5	+0.1	14.1
49	9.5	34.86	52 44.1	52.82	2	+ 9.45	8	1	30.27	15.02	i	14 3.2	0.7	0.0	14.0
50	13	42.44	55 49.4	4 9.87	3	0.00	6	1	30.27	19.12	o	10 58.1	0.5	0.0	14.0
51	13	44.89	5 1 19.4	21.96	4	- 9.60	3	1	30.28	16.08	u	5 28.2	0.3	+0.1	14.0
52	12	28 19.32	4 48 10.3	28.51	1	+18.20	10	1	30.27	15.20	e	18 36.9	0.9	0.0	13.9
53	12	24.55	54 44.3	51.98	3	0.00	7	1	30.28	9.14	i	12 3.2	0.6	0.0	13.9
54	12	27.94	46 28.8	5 4.85	4	- 9.53	11	1	30.27	7.00	a	20 18.2	1.0	+0.1	13.9
55	11	40.21	53 6.7	17.20	4	- 9.57	8	1	30.28	13.92	i	13 40.7	0.7	0.0	13.9
56	12	29 16.61	48 26.2	25.81	1	+18.20	10	1	30.28	14.44	e	18 21.4	0.9	-0.3	13.8
		16.48	21.1	6 1.90	5	-18.02	10	1		14.66	e	18 25.9	0.9	+0.3	
57	10	22.52	5 3 44.5	5 31.92	1	+18.09	2	1	30.29	9.01	u	3 3.9	0.1	-0.3	13.8
		22.40		40.50	2	+ 9.39	2	1			u				
58	11	18.82	4 57 58.3	46.27	3	0.00	5	1	30.28	12.82	o	8 49.5	0.4	0.0	13.8
59	12	20.08	45 26.2	56.99	4	- 9.53	12	1	30.28	10.07	a	21 20.9	1.0	+0.1	13.8
60	12	40.09	43 46.6	6 16.99	4	- 9.53	13	1	30.28	14.95	a	23 0.5	1.1	+0.1	13.7
61	13	54.23	43 5.9	21.60	3	0.00	13	1	30.28	16.95	a	23 41.3	1.1	0.0	13.7
62*	9.5	30 13.33	44 0.2	31.19	2	+ 9.51	13	1	30.28	14.30	a	22 47.2	1.1	-0.2	13.7
63	11.5	21.63	48 23.1	39.56	2	+ 9.48	10	1	30.29	14.60	e	18 24.6	0.9	-0.2	13.6
64	12	14.75	53 59.5	51.76	4	- 9.57	7	1	30.29	11.35	i	12 48.3	0.6	0.0	13.6
65	12	26.55	5 1 12.1	54.04	3	0.00	3	1	30.30	16.46	u	5 36.0	0.3	0.0	13.6
66	12	41.78	2 27.3	7 9.28	3	0.00	2	1	30.30	12.78	u	4 20.9	0.2	0.0	13.6
67	11.5	43.12	4 50 29.3	10.54	3	0.00	9	1	30.29	8.41	e	16 18.3	0.8	0.0	13.6
68	11	45.81	43 14.9	22.72	4	- 9.53	13	1	30.29	16.51	a	23 32.3	1.1	+0.1	13.6
69	12	31 36.17	47 41.5	45.33	1	+18.24	11	1	30.29	3.49	a	19 6.5	0.9	-0.3	13.4
70	10.5	39.41	53 34.8	48.69	1	+18.16	7	1	30.29	12.57	i	13 13.2	0.6	0.0	13.4
71	10	28.77	5 5 28.9	56.27	3	0.00	1	1	30.29	3.90	u	1 19.6	0.1	0.0	13.4
72	12	38.83	5 3 6.3	8 6.33	3	0.00	2	1	30.30	10.88	u	3 42.1	0.2	0.0	13.4
73	11.5	53.32	4 45 3.6	20.71	3	0.00	12	1	30.29	11.20	a	21 43.9	1.1	0.0	13.4
74	11	32 16.71	5 4 29.9	26.13	1	+18.09	1	1	30.30	6.81	u	2 19.0	0.1	-0.3	13.3
75	12	37.17	4 51 18.2	46.40	1	+18.20	9	1	30.30	6.05	e	15 30.1	0.7	-0.3	13.3
76*	9	47.19	51 19.0	56.42	1	+18.20	9	1	30.30	6.01	e	15 29.3	0.7	-0.3	13.3
77	10.5	52.00	5 2 31.4	9 1.42	1	+18.09	2	1	30.31	12.61	u	4 17.4	0.2	-0.3	13.3
78	11	54.14	1 13.8	12.24	2	+ 9.39	3	1	30.30	16.40	u	5 34.8	0.3	-0.1	13.2
79	11	51.33	4 44 51.4	18.72	3	0.00	12	1	30.29	11.80	a	21 56.2	1.1	0.0	13.3
80	11.5	50.11	50 4.5	27.09	4	- 9.55	9	1	30.30	9.63	e	16 43.2	0.8	+0.2	13.3
81	12.5	44.12	50 33.6	29.57	5	-18.02	9	1	30.30	8.20	e	16 14.0	0.8	+0.3	13.3
82	12	33 44.87	58 17.5	54.23	1	+18.12	5	1	30.31	11.91	o	8 30.9	0.4	+0.1	13.1
83	11	50.55	44 26.4	59.72	1	+18.24	12	2	30.30	13.05	a	22 21.7	1.1	-0.3	13.1
84	12.5	34 2.15	5 3 35.1	10 11.58	1	+18.09	2	2	30.31	9.50	u	3 13.9	0.2	-0.3	13.1
85	12	1.10	0 35.9	19.19	2	+ 9.42	3	2	30.31	5.14	o	6 12.7	0.3	0.0	13.1
86	12	12 34 19.55	4 58 36.4	12 10 28.92	1	+18.12	0.05	0.02	30.31	10.99	o	8 12.1	0.4	+0.1	3 13.0

1902AnsWi. 16....1P

Nr.	Größe	α 1875.0	δ 1875.0	Uhrzeit	Faden- Interv.	Ref. und Fadenneig.	Uhr- gang	Red.	Declino- graph	Faden in Bogen- mass	Delgr. in Bogen- mass	Ref.	Faden- neigung	Red.
87	10	12 ^h 34 ^m 24 ^s .52	4°51' 5".3	12 ^h 10 ^m 33 ^s .77	1	+18.20	0.09	0.02	30.31	6.69	e	15' 43".2	0.8	3' 13".0
88	12	3.04	50 31.6	48.50	5	-18.02	9	2	30.30	8.31	e	16 16.2	0.8	13.1
89	12	20.83	48 18.0	57.79	4	-9.53	10	2	30.30	1.70	a	18 30.0	0.9	13.0
90	12	57.23	57 25.9	11 6.56	1	+18.16	5	2	30.31	1.28	i	9 22.7	0.5	12.9
91	13	49.96	54 28.4	17.43	3	0.00	7	2	30.31	9.97	i	12 20.1	0.6	12.9
92	10	51.53	5 5 5.4	28.67	4	-9.60	1	2	30.32	5.07	u	1 43.5	0.1	12.9
93	10	35 16.33	0 11.3	34.42	2	+9.42	4	2	30.32	6.36	o	6 37.6	0.3	12.8
94	12	15.50	4 47 45.6	42.94	3	0.00	10	2	30.31	3.30	a	19 2.7	0.9	12.8
95	11	42.36	54 6.2	51.68	1	+18.16	7	2	30.32	11.06	i	12 42.4	0.6	12.8
96	13	32.02	58 12.0	12 9.10	4	-9.58	5	2	30.32	12.20	o	8 36.8	0.4	12.8
97*	9	48.51	55 4.2	16.00	3	0.00	6	2	30.32	8.22	i	11 44.4	0.6	12.8
98*	8	36 9.79	46 50.9	27.71	2	+9.51	11	2	30.31	5.99	a	19 57.6	1.0	12.7
99	10	3.08	45 41.5	30.50	3	0.00	12	2	30.31	9.38	a	21 6.8	1.0	12.7
100	10	24.05	50 44.1	42.03	2	+9.48	9	2	30.32	7.74	e	16 4.6	0.8	12.7
101	9.5	40.53	5 2 57.4	49.98	1	+18.09	2	2	30.33	11.37	u	3 52.1	0.2	12.6
102	12	35.70	4 43 41.3	53.60	2	+9.51	13	2	30.31	15.28	a	23 7.2	1.1	12.6
103	12.5	50.88	59 16.9	13 8.97	2	+9.42	4	2	30.32	9.03	o	7 32.1	0.4	12.6
104	12.5	37 15.84	57 25.8	43.34	3	0.00	5	2	30.32	14.47	o	9 23.2	0.5	12.5
105	11	38.74	54 36.4	56.78	2	+9.45	7	2	30.33	9.60	i	12 12.6	0.6	12.4
106	13	20.45	52 20.7	14 5.90	5	-17.98	8	2	30.32	16.24	i	14 28.1	0.7	12.5
107	11	50.58	55 54.3	18.08	3	0.00	6	2	30.33	18.96	o	10 54.8	0.5	12.4
108	11	38 2.06	45 12.2	29.50	3	0.00	12	2	30.33	10.83	a	21 36.4	1.0	12.4
109	12.5	23.23	46 37.3	32.44	1	+18.24	11	2	30.33	6.68	a	20 11.7	1.0	12.3
		22.94		59.92	4	-9.53	11	2			a			
110	12	45.03	5 0 1.6	54.43	1	+18.12	4	2	30.33	6.86	o	6 47.8	0.3	12.2
111	10.5	39 1.99	4 47 41.6	15 11.20	1	+18.24	11	2	30.33	3.54	a	19 7.6	0.9	12.2
112	12	38 58.42	47 3.3	16.36	2	+9.51	11	2	30.33	5.41	a	19 45.7	1.0	12.2
113	11	39 15.22	53 2.5	24.50	1	+18.20	8	2	30.33	1.00	e	13 47.0	0.7	12.1
114	9.5	15.65	58 10.2	33.75	2	+9.42	5	2	30.34	12.32	o	8 39.3	0.4	12.1
115	10	16.69	58 1.2	44.21	3	0.00	5	2	30.34	12.76	o	8 48.3	0.4	12.1
116	10	36.00	44 31.6	53.93	2	+9.51	12	2	30.33	12.84	a	22 17.4	1.1	12.1
117	12	31.40	57 39.0	58.92	3	0.00	5	2	30.34	13.85	o	9 10.5	0.4	12.1
118	11	40 11.86	49 2.9	16 21.13	1	+18.20	10	2	30.34	12.73	e	17 46.5	0.9	12.0
119	10	41.11	49 13.5	50.38	1	+18.20	10	2	30.34	12.22	e	17 36.0	0.9	11.9
120	12.5	45.70	50 53.2	54.98	1	+18.20	9	2	30.34	7.34	e	15 56.4	0.8	11.9
121	10	37.47	42 57.2	17 4.90	3	0.00	13	2	30.33	17.46	a	23 51.7	1.2	11.9
122	12.5	48.09	53 55.9	15.59	3	0.00	7	2	30.34	11.61	i	12 53.6	0.6	11.9
123	9	51.41	5 4 11.1	18.98	3	0.00	1	2	30.35	7.79	u	2 39.0	0.1	11.8
124	10.5	41 8.22	2 29.6	26.39	2	+9.39	2	2	30.35	12.76	u	4 20.5	0.2	11.8
125	12	25.03	4 52 35.8	18 2.10	4	-9.57	8	2	30.35	15.54	i	14 13.8	0.7	11.7
126	12	33.93	56 31.7	11.03	4	-9.58	6	2	30.35	17.16	o	10 18.1	0.5	11.7
127	13	38.01	56 27.8	15.11	4	-9.58	6	2	30.35	17.35	o	10 22.0	0.5	11.7
128	13	53.28	49 43.2	30.32	4	-9.55	9	2	30.35	10.76	e	17 6.2	0.8	11.6
129	11	42 17.66	5 5 29.7	45.24	3	0.00	1	2	30.36	3.95	u	1 20.6	0.1	11.6
130	12	41.94	4 57 29.5	51.31	1	+18.16	5	2	30.35	1.17	i	9 20.5	0.5	11.5
131*	8	42.17	45 41.3	19 0.12	2	+9.51	12	2	30.35	9.46	a	21 8.4	1.0	11.5
132	11	48.57	55 15.3	16.09	3	0.00	6	2	30.35	7.74	i	11 34.6	0.6	11.5
133	13	52.74	48 22.3	20.22	3	0.00	10	2	30.35	14.73	e	18 27.3	0.9	11.5
134	12	43 12.41	46 52.1	39.88	3	0.00	11	2	30.35	19.15	e	19 57.5	1.0	11.4
135	10	44.31	5 2 13.0	53.79	1	+18.09	3	2	30.37	13.61	u	4 37.8	0.2	11.3
136	12	36.31	49 26.9	20 3.80	3	0.00	10	2	30.36	11.58	e	17 23.0	0.8	11.3
137	11	37.19	5 5 9.9	14.38	4	-9.60	1	2	30.37	4.93	u	1 40.6	0.1	11.3
138	12	43.21	2 33.8	20.40	4	-9.60	2	3	30.37	12.57	u	4 16.6	0.2	11.3
139	10	12 44 12.16	4 51 52.2	12 20 39.68	3	0.00	0.08	0.03	30.36	17.70	i	14 57.9	0.7	3 11.2

1	A. G.; Ll. 23219; Weisse 272; Cambr. 1850, 1851; Münch. I. 8018; Paris 15192; Sj. 4471; Yarn. 5270; A. N. 94, 299; Münch. II. 4416; Kf. 473.	39	A. G.; Ll. 23425; Ll. Boss. 1674; Weisse 408; Münch. I. 8183; Sj. 4514; A. N. 133, 125.
11	A. G.; Ll. 23270; Ll. Boss. 1652; Münch. I. 8060; Paris 15245; Sj. 4480; Yarn. 5284; A. N. 94, 309; Radcl. III. 3227; Karlsr. M.-B.	44	A. G.; Münch. I. 8197; Münch. II. 4487.
23	A. G.; Sj. 4488.	62	A. G.
32	A. N. 129, 24.	76	A. G.
		97	A. G.; Ll. Boss. 1736; Weisse 579; Yarn. 5400.
		98	A. G.; Ll. 23706; Ll. Boss. 1738; Weisse 585; Yarn. 5403. Karlsr. M.-B.
		131	A. G.; Ll. 23894; Weisse 707; Münch. I. 8518; A. N. 69, 72; 76, 318; 79, 75; 81, 73; Münch. II. 4619.

Zone 42: 1884, April 4.

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Refr. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Dclgr. in Bogen-mass	Refr.	Faden-neigung	Red.
1	12	12 ^h 18 ^m 24 ^s .19	— 5°12'42"6	12 ^h 26 ^m 47 ^s .32	1	+18.17	0.07	—	30.23	8 ^r .17	i	11'43".4	0.5	0.0	3'15".2
2	13	35.43	18 50.7	58.64	1	+18.13	3	—	30.23	3.31	o	5 35.4	0.3	+0.1	15.2
3	11.5	44.15	6 41.4	27 7.21	1	+18.21	10	—	30.23	12.64	e	17 44.6	0.8	-0.3	15.2
4	12	41.07	18 18.8	22.40	3	0.00	4	—	30.23	18.00	u	6 7.4	0.3	0.0	15.2
5	13	48.94	22 0.8	30.31	3	0.00	1	—	30.24	7.14	u	2 25.7	0.1	0.0	15.1
6	11	48.59	2 41.8	39.37	4	- 9.54	13	—	30.23	11.19	a	21 43.7	1.0	+0.1	15.1
7	12	19 2.13	15 34.5	53.04	4	- 9.59	5	—	30.23	12.93	o	8 51.7	0.4	0.0	15.1
8	10	42.07	19 19.3	28 5.33	1	+18.09	3	—	30.24	15.06	u	5 7.4	0.2	-0.3	15.1
9	11	44.63	14 10.2	7.82	1	+18.13	6	—	30.24	17.05	o	10 15.8	0.5	+0.1	15.1
10	13	34.21	22 50.1	25.18	4	- 9.60	1	—	30.24	4.72	u	1 36.3	0.1	+0.1	15.1
11	13	55.18	19 49.7	36.53	3	0.00	3	—	30.24	13.56	u	4 36.8	0.2	0.0	15.0
12*	10	20 2.32	20 53.0	43.68	3	0.00	2	—	30.24	10.46	u	3 33.5	0.2	0.0	15.0
13	13	16.03	6 14.1	57.30	3	0.00	11	—	30.24	13.97	e	18 11.8	0.8	0.0	15.0
14	11	25.47	1 11.3	29 6.70	3	0.00	14	—	30.23	15.63	a	23 14.4	1.1	0.0	14.9
15	13	29.46	4 24.5	10.72	3	0.00	12	—	30.24	19.34	e	20 1.4	0.9	0.0	14.9
16*	9.5	32.49	22 11.9	23.47	4	- 9.60	1	—	30.25	6.60	u	2 14.7	0.1	+0.1	14.9
17	12.5	34.83	13 14.2	34.13	5	-17.99	7	—	30.24	6.64	i	11 12.1	0.5	0.0	14.9
18	13	49.48	17 34.4	40.41	4	- 9.59	4	—	30.24	7.07	o	6 52.1	0.3	0.0	14.9
19	10	21 11.59	1 0.5	43.32	2	+ 9.51	14	—	30.24	16.17	a	23 25.4	1.1	-0.2	14.9
20	10.5	21.73	4 42.9	53.51	2	+ 9.48	12	—	30.24	18.45	e	19 43.2	0.9	-0.2	14.9
21	11	26.15	8 44.5	57.99	2	+ 9.45	9	—	30.24	19.84	i	15 41.6	0.7	0.0	14.9
22	13	16.91	18 0.6	30 7.86	4	- 9.60	4	—	30.25	18.90	u	6 25.8	0.3	+0.1	14.9
23	11	22 2.91	1 28.5	25.90	1	+18.25	14	—	30.24	14.81	a	22 57.6	1.1	-0.3	14.8
24	13	11.96	6 34.4	35.03	1	+18.21	11	—	30.25	13.00	e	17 52.0	0.8	-0.3	14.8
		11.78	33.9	31 2.61	4	- 9.55	11	—		13.00	e	17 52.0	0.8	+0.2	
25	10	24.68	5 23.8	30 47.75	1	+18.21	11	—	30.25	16.46	e	19 2.6	0.9	-0.3	14.7
26	10	33.10	7 30.9	56.18	1	+18.21	10	—	30.25	10.24	e	16 55.6	0.8	-0.3	14.7
27	12	40.45	9 21.9	31 12.30	2	+ 9.45	9	—	30.25	18.02	i	15 4.4	0.7	0.0	14.7
28	12	46.20	7 21.0	27.49	3	0.00	10	—	30.25	10.71	e	17 5.2	0.8	0.0	14.7
29	13	46.63	22 12.9	37.62	4	- 9.60	1	—	30.26	6.56	u	2 13.9	0.1	+0.1	14.7
30	11	23 9.42	1 18.6	50.67	3	0.00	14	—	30.25	15.29	a	23 7.4	1.1	0.0	14.6
31	13	12.04	6 0.5	53.32	3	0.00	11	—	30.25	14.65	e	18 25.7	0.9	0.0	14.6
32	10	20.55	12 21.9	32 1.89	3	0.00	7	0.01	30.26	9.21	i	12 4.6	0.6	0.0	14.6
33*	7	36.68	19 46.1	8.67	2	+ 9.39	3	1	30.26	13.76	u	4 40.9	0.2	-0.1	14.6
		36.72	49.2	36.01	5	-17.91	3	1		13.59	u	4 37.4	0.2	+0.3	
34	11	29.89	11 6.8	20.79	4	- 9.57	8	1	30.26	12.89	i	13 19.7	0.6	0.0	14.6
35	12	33.79	14 16.7	24.73	4	- 9.59	6	1	30.26	16.76	o	10 9.9	0.5	0.0	14.6
36*	9	57.98	20 20.0	39.38	3	0.00	2	1	30.27	12.10	u	4 7.0	0.2	0.0	14.5
37	11.5	24 3.86	11 31.8	45.19	3	0.00	8	1	30.26	11.67	i	12 54.8	0.6	0.0	14.5
38	11	10.32	2 10.6	51.60	3	0.00	13	1	30.26	12.75	a	22 15.6	1.0	0.0	14.5
39	10	14.46	22 0.3	55.87	3	0.00	1	1	30.27	7.19	u	2 26.8	0.1	0.0	14.5
40	12	12 24 29.60	— 5 6 6.6	12 33 10.90	3	0.00	0.11	0.01	30.26	14.36	e	18 19.7	0.9	0.0	3 14.5

1902AnsWi...15...1P

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Dclgr. in Bogen-mass	Ref.	Faden-neigung	Red.
41	11.5	12 ^h 24 ^m 51. ^s 39	— 5° 8' 31".9	12 ^h 33 ^m 14. ^s 50	1	+18.21	0. ^s 09	0. ^s 01	—	30. ^s 26	7.27	e 15' 55".0	0. ^s 7	—0".3	3' 14".4
42	13	25 15.90	20 59.2	39.21	1	+18.09	2	1	30.27	10.20	u 3 28.2	0.2	—0.3	14.4	
43	10	21.20	17 18.4	44.45	1	+18.13	4	1	30.27	7.87	o 7 8.5	0.3	+0.1	14.4	
44*	9	30.85	5 55.4	53.91	1	+18.25	11	1	30.27	1.77	a 18 31.4	0.9	—0.3	14.3	
		31.03	55.3	34 2.83	2	+9.51	11	1	—	1.77	a 18 31.4	0.9	—0.2		
45	12	51.36	3 47.3	14.41	1	+18.25	12	1	30.27	8.04	a 20 39.4	1.0	—0.3	14.3	
46	11	26 5.13	15 42.3	28.37	1	+18.13	5	1	30.27	12.58	o 8 44.6	0.4	+0.1	14.3	
47	11.5	11.54	8 29.6	34.66	1	+18.21	9	1	30.27	7.39	e 15 57.5	0.7	—0.3	14.2	
48	11.5	21.06	16 19.6	44.31	1	+18.13	5	1	30.28	10.76	o 8 7.4	0.4	+0.1	14.2	
49	12	33.76	19 47.9	57.07	1	+18.09	3	1	30.28	13.70	u 4 39.7	0.2	—0.3	14.2	
50	12	17.98	22 56.2	59.40	3	0.00	1	1	30.28	4.47	u 1 31.2	0.1	0.0	14.2	
51	11.5	40.27	6 43.1	35 12.11	2	+9.48	10	1	30.27	12.60	e 17 43.8	0.8	—0.2	14.2	
52	11.5	51.85	8 4.2	23.70	2	+9.48	10	1	30.28	8.63	e 16 22.8	0.8	—0.2	14.1	
53	11.5	27 27.91	16 1.7	51.16	1	+18.13	5	1	30.28	11.64	o 8 25.4	0.4	+0.1	14.1	
54*	9	36.18	6 28.1	59.29	1	+18.21	11	1	30.28	13.35	e 17 59.1	0.8	—0.3	14.0	
55	12	41.63	20 1.2	36 4.95	1	+18.09	3	1	30.29	13.06	u 4 26.6	0.2	—0.3	14.0	
56	11	51.32	9 56.6	14.49	1	+18.17	9	1	30.28	16.35	i 14 30.4	0.7	0.0	14.0	
57	12	28 27.56	5 48.7	50.68	1	+18.21	11	1	30.29	15.28	e 18 38.5	0.9	—0.3	13.9	
58	12.5	17.27	17 5.2	58.67	3	0.00	4	1	30.29	8.55	o 7 22.3	0.3	0.0	13.9	
59	11	37.73	8 52.4	37 0.87	1	+18.21	9	1	30.29	6.29	e 15 35.0	0.7	—0.3	13.9	
60	11.5	40.27	12 22.6	12.19	2	+9.45	7	1	30.29	9.21	i 12 4.6	0.6	0.0	13.9	
61	12	33.94	21 3.9	15.36	3	0.00	2	1	30.29	9.98	u 3 23.7	0.2	0.0	13.9	
62	12	54.61	15 8.3	26.58	2	+9.42	5	1	30.29	14.27	o 9 19.1	0.4	0.0	13.9	
63	12	46.49	16 29.4	45.83	5	—17.95	5	1	30.29	10.30	o 7 58.1	0.4	—0.1	13.9	
64	10	29 22.32	3 37.5	54.13	2	+9.51	12	1	30.29	8.54	a 20 49.6	1.0	—0.2	13.8	
65	10	28.13	17 13.0	38 0.12	2	+9.42	4	1	30.30	8.17	o 7 14.6	0.3	0.0	13.8	
66	11	22.58	5 14.3	3.91	3	0.00	11	1	30.29	3.79	a 19 12.7	0.9	0.0	13.8	
67	11	24.61	14 28.7	15.56	4	—9.57	6	1	30.29	3.04	i 9 58.7	0.5	0.0	13.8	
68	11.5	30 1.18	13 9.0	24.39	1	+18.17	7	1	30.30	6.95	i 11 18.5	0.5	0.0	13.7	
69	11.5	29 53.48	12 21.0	25.41	2	+9.45	7	1	30.30	9.30	i 12 6.4	0.6	0.0	13.7	
70	12	30 1.93	23 9.4	33.98	2	+9.39	1	1	30.30	3.85	u 1 18.6	0.1	—0.1	13.7	
71*	8	7.41	22 39.9	48.85	3	0.00	1	1	30.30	5.29	u 1 48.0	0.1	0.0	13.7	
72*	5	21.02	8 32.8	52.90	2	+9.48	9	1	30.30	7.26	e 15 54.8	0.7	—0.2	13.6	
		21.07	31.0	39 2.43	3	0.00	9	1	—	7.34	e 15 56.4	0.7	0.0		
73	12	26.46	1 0.7	17.30	4	—9.54	14	1	30.29	16.21	a 23 26.2	1.1	+0.1	13.6	
74	12	41.62	2 23.4	22.93	3	0.00	13	1	30.29	12.17	a 22 3.7	1.0	0.0	13.6	
75	13	31 2.00	21 53.1	34.05	2	+9.39	2	1	30.31	7.60	u 2 35.1	0.1	—0.1	13.5	
76	11.5	26.23	21 39.2	43.58	1	+18.09	2	1	30.31	8.29	u 2 49.2	0.1	—0.3	13.5	
77	12	7.31	12 28.9	48.69	3	0.00	7	1	30.30	8.92	i 11 58.7	0.6	0.0	13.5	
78	11	33.03	18 29.4	56.32	1	+18.13	4	1	30.31	4.44	o 5 58.4	0.3	+0.1	13.5	
79	11	39.80	11 9.2	40 3.01	1	+18.17	8	1	30.31	12.83	i 13 18.5	0.6	0.0	13.4	
80	10	28.51	5 23.1	19.40	4	—9.55	11	1	30.30	16.53	e 19 4.0	0.9	+0.2	13.5	
81	12	38.76	2 58.8	29.61	4	—9.54	13	1	30.29	10.44	a 21 28.4	1.0	+0.1	13.4	
82	11	32 16.51	4 26.6	39.59	1	+18.25	12	1	30.30	6.17	a 20 1.2	0.9	—0.3	13.3	
83	12	18.81	13 58.6	42.03	1	+18.17	6	1	30.30	4.54	i 10 29.3	0.5	0.0	13.3	
84	12	20.10	21 28.8	52.16	2	+9.39	2	1	30.32	8.80	u 2 59.6	0.1	—0.1	13.3	
85	13	28.29	5 11.4	41 0.13	2	+9.51	11	1	30.31	3.97	a 19 16.3	0.9	—0.2	13.3	
86	10.5	52.07	2 31.6	23.89	2	+9.51	13	1	30.31	11.79	a 21 56.0	1.0	—0.2	13.3	
87	12	33 15.93	16 9.6	57.35	3	0.00	5	1	30.32	11.30	o 8 18.5	0.4	0.0	13.2	
88	12	26.17	16 13.8	42 7.59	3	0.00	5	1	30.32	11.10	o 8 14.4	0.4	0.0	13.1	
89*	8	42.17	17 50.3	14.19	2	+9.42	4	2	30.32	6.38	o 6 38.0	0.3	0.0	13.1	
90	12	34 1.30	17 7.2	24.61	1	+18.13	4	2	30.32	8.49	o 7 21.1	0.3	+0.1	13.0	
91	12	15.76	9 48.7	47.67	2	+9.48	9	2	30.32	3.57	e 14 39.5	0.7	—0.2	13.0	
92	11.5	25.95	11 45.3	49.18	1	+18.17	8	2	30.32	11.08	i 12 42.8	0.6	0.0	13.0	
93	13	12 34 28.20	— 5 22 53.7	12 43 9.68	3	0.00	0.01	0.02	30.33	4.65	u 1 34.9	0.1	0.0	3 13.0	

ZONEN-BEOBACHTUNGEN.

Nr.	Größe	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadeneig.	Uhr-gang	Red.	Declino-graph	Faden	Delgr. in Bogen-mass	Ref.	Faden-nei-gung	Red.
94	12	12 ^h 34 ^m 44 ^s .80	5° 18' 18".4	12 ^h 43 ^m 16 ^s .83	2	+ 9.42	0.04	0.02	30.33	5.01	o	6' 10" 1	0.3	0.0	3' 12".9
95	10	51.17	5 0.1	23.03	2	+ 9.51	11	2	30.32	4.54	a	19 28.0	0.9	-0.2	12.9
		51.27	5 1.5	50.70	5	-18.06	11	2		4.45	a	19 26.1	0.9	+0.3	
96	12	35 15.54	8 15.1	38.71	1	+18.21	10	2	30.32	8.16	e	16 13.2	0.8	-0.3	12.9
97	12	31.98	6 1.1	44 3.85	2	+ 9.51	11	2	30.33	1.56	a	18 27.1	0.9	-0.2	12.8
98	12	48.04	10 16.4	11.24	1	+18.21	8	2	30.33	2.23	e	14 12.1	0.7	-0.3	12.8
99	11	47.82	22 34.2	19.92	2	+ 9.39	1	2	30.34	5.62	u	1 54.7	0.1	-0.1	12.8
100	12	36 1.61	6 12.5	24.78	1	+18.21	11	2	30.33	14.17	e	18 15.9	0.9	-0.3	12.7
101	12	5.33	15 58.9	37.36	2	+ 9.42	5	2	30.34	11.85	o	8 29.7	0.4	0.0	12.7
102	12	14.13	6 8.6	55.51	3	0.00	11	2	30.33	14.35	e	18 19.5	0.9	0.0	12.7
103	12	36.90	17 42.3	45 0.27	1	+18.09	4	2	30.34	19.93	u	6 46.8	0.3	-0.3	12.6
104	9.5	40.43	2 53.6	12.28	2	+ 9.51	13	2	30.33	10.75	a	21 34.7	1.0	-0.2	12.6
105	11	37 0.48	8 57.7	23.67	1	+18.21	9	2	30.33	6.10	e	15 31.1	0.7	-0.3	12.5
		1.21		33.13	2	+ 9.48	9	2			e				
106	12	16.75	17 14.1	48.79	2	+ 9.42	4	2	30.34	8.18	o	7 14.8	0.3	0.0	12.5
107	12	28.58	13 18.0	46 0.56	2	+ 9.45	7	2	30.34	6.57	i	11 10.7	0.5	0.0	12.5
108	12	25.37	9 36.1	6.78	3	0.00	9	2	30.34	17.43	i	14 52.4	0.7	0.0	12.5
109	11.5	38 0.37	14 55.8	23.68	1	+18.13	6	2	30.34	14.95	o	9 33.0	0.4	+0.1	12.4
110	11	43.13	11 42.7	47 6.38	1	+18.17	8	2	30.34	11.25	i	12 46.2	0.6	0.0	12.2
111	12	44.00	22 54.2	16.11	2	+ 9.39	1	2	30.35	4.67	u	1 35.3	0.1	-0.1	12.2
112	12	52.14	9 46.7	33.55	3	0.00	9	2	30.34	3.70	e	14 42.1	0.7	0.0	12.2
113	13	39 27.79	8 30..	51.00	1	+18.21	9	2	30.35		e				12.2
114	13	15.33	15 32.1	56.79	3	0.00	5	2	30.35	13.19	o	8 57.0	0.4	0.0	12.2
115	11	46.18	18 51.6	48 9.58	1	+18.09	3	2	30.36	16.56	u	5 38.0	0.3	-0.3	12.1
116	11.5	59.70	11 12.4	22.96	1	+18.17	8	2	30.35	12.74	i	13 16.7	0.6	0.0	12.0
117	12	40 12.72	8 19.1	35.92	1	+18.21	10	2	30.35	8.01	e	16 10.1	0.8	-0.3	12.0
118	11	31.04	21 22.4	54.45	1	+18.09	2	2	30.36	9.19	u	3 7.6	0.1	-0.3	11.9
119	10.5	41.57	22 2.2	49 4.99	1	+18.09	1	2	30.36	7.24	u	2 27.8	0.1	-0.3	11.9
120	9	51.29	4 10.1	14.43	1	+18.25	12	2	30.35	7.05	a	20 19.2	0.9	-0.3	11.8
121	12	44.07	11 5.7	25.51	3	0.00	8	2	30.36	13.08	i	13 23.6	0.6	0.0	11.8
122	12	41 10.83	16 34.2	34.17	1	+18.13	5	2	30.36	10.16	o	7 55.2	0.4	+0.1	11.8
123*	8	5.02	12 24.7	37.02	2	+ 9.45	7	2	30.36	9.21	i	12 4.6	0.6	0.0	11.8
124	10.5	8.31	2 28.4	49.69	3	0.00	13	2	30.35	12.01	a	22 0.5	1.0	0.0	11.8
125	11	24.42	19 18.1	56.53	2	+ 9.39	3	2	30.37	15.27	u	5 11.7	0.2	-0.1	11.8
126	10.5	34.19	19 44.8	50 15.69	3	0.00	3	2	30.37	13.96	u	4 45.0	0.2	0.0	11.7
127	12	48.80	21 25.5	20.92	2	+ 9.39	2	2	30.37	9.04	u	3 4.5	0.1	-0.1	11.7
128*	9	43.77	16 20.5	34.84	4	- 9.59	5	2	30.37	10.84	o	8 9.1	0.4	0.0	11.7
129	11	56.14	12 39.3	37.59	3	0.00	7	2	30.36	8.50	i	11 50.1	0.6	0.0	11.7
130	10	42 9.08	12 32.2	50.53	3	0.00	7	2	30.36	8.85	i	11 57.3	0.6	0.0	11.6
131	12	4.18	6 15.6	55.14	4	- 9.55	11	2	30.36	14.05	e	18 13.4	0.9	+0.2	11.6
132	Neb.	8.84	7 10.6	59.81	4	- 9.55	10	2	30.36	11.36	e	17 18.5	0.8	+0.2	11.6
		8.31		51 7.75	5	-18.02	10	2			e				
133	11	17.29	5 25.3	16.72	5	-18.02	11	2	30.36	16.51	e	19 3.6	0.9	+0.3	11.6
134	11	40.22	7 46.8	31.20	4	- 9.55	10	2	30.37	9.59	e	16 42.4	0.8	+0.2	11.5
135*	9	47.58	8 28.2	38.57	4	- 9.55	9	2	30.37	7.57	e	16 1.1	0.7	+0.2	11.5
136	11	43 5.61	1 51.6	47.00	3	0.00	13	2	30.36	13.83	a	22 37.6	1.1	0.0	11.4
137	13	9.98	20 11.6	52 1.09	4	- 9.60	3	2	30.38	12.66	u	4 18.4	0.2	+0.1	11.4
138	12	32.20	19 6.9	4.32	2	+ 9.39	3	2	30.38	15.84	u	5 23.3	0.3	-0.1	11.3
139	11	37.05	4 58.9	8.97	2	+ 9.48	12	2	30.36	17.84	e	19 30.8	0.9	-0.2	11.3
140	12	33.14	8 56.3	14.58	3	0.00	9	2	30.37	19.44	i	15 33.4	0.7	0.0	11.3
141	10	44.04	2 6.7	25.44	3	0.00	13	2	30.37	13.10	a	22 22.7	1.0	0.0	11.3
142	12	43.56	2 23.5	34.50	4	- 9.54	13	2	30.37	12.27	a	22 5.8	1.0	+0.1	11.3
143	12	44 12.68	21 35.8	44.82	2	+ 9.39	2	3	30.38	8.56	u	2 54.7	0.1	-0.1	11.2
144*	9	12 44 27.64	5 22 45.4	59.80	2	+ 9.39	1	3	30.39	5.15	u	1 45.1	0.1	-0.1	3 11.2
		27.72	45.6	12 53 18.87	4	- 9.60	0.01	0.03		5.13	u	1 44.7	0.1	+0.1	

12	A. G.; Cambr. 1851.	Arm. I. 2714; Pulk. VIII. 1898; Münch. I. 8271;
16	A. G.; Weisse 308; Cambr. 1850, 1851, 1852.	Paris 15481; 7 Y. C. 994; Gëtt. II. 3221;
33	A. G.; Ll. 23368; Ll. Boss. 1668; Weisse 370; Sa. 238, 268; Cambr. 1851; Münch. I. 8133; Paris 15327; Wien M.-B.; Karlsr. M.-B.; Kf. 481; Gl. II. 1048; Radcl. III. 3243.	Quet. 5164; Yarn. 5360; N. 7 Y. C. 1499; Cambr. 1865; Madr. 1866, 1870, 1873; Gl. I. 3214; 9 Y. C. 1162; Rog. 547; Cord. G. C. 17166; 10 Y. C. 1969; Radcl. III. 3275; Wien M.-B.; Karlsr. M.-B.; Gl. II. 1035.
36	A. G.; Ll. 23379; Ll. Boss. 1671; Weisse 377; Münch. I. 8143; Sj. 4502	89 A. G.; Ll. 23656; Ll. Boss. 1717; Weisse 541; Paris 15543; Madr. 1873; Münch. II. 4540.
44	A. G.; wie Nr. 39 von Zone 41.	123 A. G.; Weisse 677; Münch. I. 8483; Cambr. 1851, 1852; Cinc. 13, 1140.
54	A. G.; Weisse 441.	128 A. G.; Weisse 687; Münch. I. 8497.
71	A. G.; Ll. 23568; Ll. Boss. 1698; Weisse 481; Münch. I. 8267; Paris 15477; Münch. II. 4514.	135 A. G.; Weisse 711; B. B. VI.; Wien 1879; Romb. 2897.
72	A. G.; Bradl. 1690; Mayer 517; Piazzì 136; Ll. 23576; Ll. Boss. 1699; Weisse 485; Königsb. 37, 376; Tayl. 5799; Rümck. 4044; Sa. 242, 270;	144 A. G.; Weisse 738; Sa. 274; Münch. I. 8559.

Zone 43: 1887, April 17.

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Delgr. in Bogen-mass	Ref.	Faden-neigung	Red.
1*	8.5	12 ^h 17 ^m 2 ^s .10	- 5° 25' 38".5	12 ^h 27 ^m 39 ^s .30	1	+18.22	0.8	10	38.42	8.16	e	16' 13".2	0.8	-0.3	4' 8".8
2	11	24.26	34 33.3	28 1.60	1	+18.14	4	38.42	8.36	o	7 18.5	0.3	+0.1	8.8	
3	13	35.29	22 16.3	12.43	1	+18.26	12	38.42	4.90	a	19 35.3	0.9	-0.3	8.8	
4	11	46.02	31 59.8	23.35	1	+18.14	6	38.43	15.87	o	9 51.8	0.5	+0.1	8.8	
5	13	56.75	24 21.3	33.94	1	+18.22	11	38.42	11.95	e	17 30.5	0.8	-0.3	8.7	
6	11	18 0.57	32 7.0	37.90	1	+18.14	6	38.43	15.53	o	9 44.7	0.5	+0.1	8.7	
7	10.5	0.06	37 15.8	46.16	2	+9.40	3	38.43	13.54	u	4 36.4	0.2	-0.1	8.7	
8	10.5	11.00	29 30.8	48.28	1	+18.18	7	38.43	10.01	i	12 20.9	0.6	0.0	8.7	
9	13	22.96	33 5.1	29 0.30	1	+18.14	5	38.43	12.69	o	8 46.7	0.4	+0.1	8.7	
10	13	21.12	20 42.1	7.00	2	+9.52	13	38.43	9.51	a	21 9.4	1.0	-0.2	8.7	
11	13	39.82	37 12.1	17.23	1	+18.10	3	38.44	13.74	u	4 40.4	0.2	-0.3	8.6	
12	13	49.65	21 59.9	26.80	1	+18.26	12	38.43	5.71	a	19 51.9	0.9	-0.3	8.6	
13	11	55.08	28 27.0	32.36	1	+18.18	8	38.44	13.14	i	13 24.8	0.6	0.0	8.6	
14*	9	19 1.08	31 26.8	38.42	1	+18.14	6	38.44	17.50	o	10 25.0	0.5	+0.1	8.6	
15	10	6.41	27 12.2	52.40	2	+9.46	9	38.44	16.80	i	14 39.5	0.7	0.0	8.6	
16	12	3.15	34 12.7	58.64	3	0.00	5	38.44	9.38	o	7 39.3	0.4	0.0	8.6	
17	11	15.37	36 19.5	30 1.48	2	+9.40	3	38.44	16.30	u	5 32.7	0.3	-0.1	8.6	
18	9.5	23.21	33 2.1	9.27	2	+9.43	5	38.44	12.84	o	8 49.9	0.4	0.0	8.6	
19	10.5	27.23	29 43.4	22.70	3	0.00	7	38.44	9.40	i	12 8.5	0.6	0.0	8.5	
20	13	32.32	20 24.1	27.73	3	0.00	13	38.44	10.39	a	21 27.4	1.0	0.0	8.5	
21	12.5	34.72	22 48.9	30.14	3	0.00	12	38.44	3.30	a	19 2.7	0.9	0.0	8.5	
22*	10	20 2.53	20 54.2	39.68	1	+18.26	13	38.44	8.93	a	20 57.6	1.0	-0.3	8.5	
23	10	19 42.58	19 21.5	48.06	4	-9.54	14	38.44	13.45	a	22 29.9	1.0	+0.1	8.5	
24	11	20 4.77	38 41.3	31 0.84	3	0.00	2	38.45	9.36	u	3 11.1	0.1	0.0	8.5	
25	11.5	13.13	38 16.9	9.20	3	0.00	2	38.45	10.55	u	3 35.4	0.2	0.0	8.5	
26*	9.5	32.76	22 9.5	10.47	1	+18.26	12	38.45	5.25	a	19 42.5	0.9	-0.3	8.4	
27	10	36.55	32 49.6	23.16	2	+9.43	5	38.45	13.46	o	9 2.6	0.4	0.0	8.4	
28	10.5	29.22	33 4.1	34.85	4	-9.59	5	38.45	12.75	o	8 48.1	0.4	0.0	8.4	
29	12	43.33	25 43.5	39.32	3	0.00	10	38.45	7.92	e	16 8.3	0.8	0.0	8.4	
30	13	51.56	27 24.6	47.56	3	0.00	9	38.45	16.20	i	14 27.3	0.7	0.0	8.4	
31	13	21 6.67	30 43.3	32 2.70	3	0.00	7	38.46	19.65	o	11 8.9	0.5	0.0	8.3	
32	13	35.23	23 57.4	13.00	1	+18.22	11	38.46	13.14	e	17 54.8	0.8	-0.3	8.3	
33	11	46.22	37 27.5	24.20	1	+18.10	3	38.47	13.00	u	4 25.4	0.2	-0.3	8.2	
34	11	46.77	35 12.7	24.70	1	+18.14	4	38.47	6.46	o	6 39.7	0.3	+0.1	8.2	
35	11	56.96	36 10.9	34.90	1	+18.14	3	38.47	3.61	o	5 41.5	0.3	+0.1	8.2	
36	12	40.02	36 3.0	45.68	4	-9.59	4	38.47	4.00	o	5 49.5	0.3	0.0	8.2	
37	12	51.74	32 57.8	47.80	3	0.00	5	38.47	13.07	o	8 54.6	0.4	0.0	8.2	
38	12	12 22 12.40	- 5 32 48.4	12 33 8.46	3	0.00	0.05	38.47	13.53	o	9 4.0	0.4	0.0	4 8.2	

Nr.	Größe	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Delgr. in Bogen-mass	Ref.	Faden-neigung	Red.
39	12	$12^h 22^m 27^s.50$	$- 5^\circ 31' 44''.6$	$12^h 33^m 14^s.12$	2	$+ 9^s.43$	$0^s.06$		$38^s.47$	$16^r.66$	o	$10' 7''.8$	$0''.5$	$0''.0$	$4' 8''.1$
40	11.5	28.41	24 27.5	24.40	3	0.00	11		38.46	11.66	e	17 24.6	0.8	0.0	8.1
41	11	41.04	39 57.4	27.75	2	$+ 9.40$	1		38.48	5.66	u	1 55.5	0.1	-0.1	8.1
42	13	46.95	22 12.8	33.42	2	$+ 9.52$	12		38.47	5.10	a	19 39.4	0.9	-0.2	8.1
43	12	44.39	34 3.6	40.45	3	0.00	5		38.47	9.85	o	7 48.9	0.4	0.0	8.1
44	13	53.36	21 11.1	49.35	3	0.00	12		38.47	8.11	a	20 40.8	1.0	0.0	8.1
45	10.5	23 15.38	39 17.7	53.38	1	$+ 18.10$	2		38.48	7.62	u	2 35.5	0.1	-0.3	8.0
46	13	14.76	38 4.3	34 1.46	2	$+ 9.40$	2		38.48	11.20	u	3 48.6	0.2	-0.1	8.0
47	13	20.38	35 15.7	7.03	2	$+ 9.43$	4		38.48	6.33	o	6 37.0	0.3	0.0	8.0
48*	7	36.43	19 48.0	14.15	1	$+ 18.26$	13		38.47	12.20	a	22 4.3	1.0	-0.3	8.0
		36.44	46.4	22.90	2	$+ 9.52$	13			12.27	a	22 5.8	1.0	-0.2	
49	10	42.65	30 6.7	38.70	3	0.00	7		38.48	8.29	i	11 45.8	0.5	0.0	8.0
50*	9	57.85	20 21.2	44.32	2	$+ 9.52$	13		38.48	10.57	a	21 31.1	1.0	-0.2	7.9
51	11	53.72	23 24.5	49.73	3	0.00	11		38.48	14.75	e	18 27.7	0.9	0.0	7.9
52	11	24 7.22	29 58.3	35 3.28	3	0.00	7		38.49	8.70	i	11 54.2	0.6	0.0	7.9
53	10.5	12.82	34 17.7	8.90	3	0.00	5		38.49	9.17	o	7 35.0	0.4	0.0	7.9
54	10	14.50	22 1.6	10.50	3	0.00	12		38.48	5.65	a	19 50.6	0.9	0.0	7.9
55	13	20.15	26 11.1	16.19	3	0.00	9		38.49	6.60	e	15 41.3	0.7	0.0	7.9
56	13	19.35	19 48.8	24.88	4	- 9.54	13		38.48	12.15	a	22 3.3	1.0	+0.1	7.8
57	12	25 11.61	26 36.3	49.43	1	$+ 18.22$	9		38.49	5.39	e	15 16.6	0.7	-0.3	7.7
58	13	16.02	20 57.6	36 2.50	2	$+ 9.52$	13		38.49	8.80	a	20 54.9	1.0	-0.2	7.7
59	13.5	22.92	31 48.4	9.54	2	$+ 9.46$	6		38.50	3.32	i	10 4.4	0.5	0.0	7.7
60	13.5	29.24	26 21.7	15.80	2	$+ 9.49$	9		38.50	6.10	e	15 31.1	0.7	-0.2	7.7
61	11	43.69	26 39.8	21.52	1	$+ 18.22$	9		38.50	5.22	e	15 13.2	0.7	-0.3	7.6
62	12	46.18	23 58.2	32.72	2	$+ 9.49$	11		38.50	13.13	e	17 54.6	0.8	-0.2	7.6
63*	9.5	26 4.58	24 26.5	42.39	1	$+ 18.22$	11		38.50	11.75	e	17 26.4	0.8	-0.3	7.6
64	13	25 49.92	34 6.1	65.60	4	- 9.59	5		38.50	9.76	o	7 46.9	0.4	0.0	7.6
65	12	26 15.80	33 47.9	37 2.47	2	$+ 9.43$	5		38.51	10.65	o	8 5.1	0.4	0.0	7.6
66	12	17.76	22 59.4	4.30	2	$+ 9.49$	11		38.50	16.01	e	18 53.4	0.9	-0.2	7.5
67	13	33.93	19 49.1	11.68	1	$+ 18.26$	13		38.50	12.17	a	22 3.7	1.0	-0.3	7.5
68	9.5	42.39	36 1.2	20.40	1	$+ 18.10$	4		38.51	17.26	u	5 52.3	0.3	-0.3	7.5
69	13	47.71	36 12.2	25.73	1	$+ 18.10$	3		38.51	16.72	u	5 41.3	0.3	-0.3	7.5
70	13	37.07	27 41.0	33.12	3	0.00	9		38.50	15.44	i	14 11.8	0.7	0.0	7.5
71	13	48.92	36 30.6	54.65	4	- 9.61	3		38.51	15.80	u	5 22.5	0.3	+0.1	7.5
72	13	54.65	26 1.3	38 8.70	5	- 18.00	10		38.51	20.33	i	15 51.6	0.7	0.0	7.4
73	12.5	27 34.68	29 27.5	21.30	2	$+ 9.46$	8		38.52	10.24	i	12 25.6	0.6	0.0	7.3
74	12	41.44	20 2.8	27.94	2	$+ 9.52$	13		38.51	11.50	a	21 50.1	1.0	-0.2	7.3
75	10.5	44.58	28 59.7	31.20	2	$+ 9.46$	8		38.52	11.60	i	12 53.4	0.6	0.0	7.3
76	11	28 15.28	28 31.3	53.18	1	$+ 18.18$	8		38.52	13.00	i	13 21.9	0.6	0.0	7.2
77	10.5	19.47	33 36.3	57.45	1	$+ 18.14$	5		38.53	11.23	o	8 17.0	0.4	+0.1	7.2
78	11	21.75	39 5.0	39 8.50	2	$+ 9.40$	2		38.53	8.27	u	2 48.8	0.1	-0.1	7.2
79	12	33.82	21 3.3	11.59	1	$+ 18.26$	13		38.52	8.55	a	20 49.8	1.0	-0.3	7.2
80	13	32.86	27 46.4	19.47	2	$+ 9.46$	9		38.52	15.19	i	14 6.7	0.7	0.0	7.2
81	13	41.63	28 18.9	28.26	2	$+ 9.46$	8		38.53	13.61	i	13 34.4	0.6	0.0	7.1
82	12	40.55	23 21.2	36.60	3	0.00	11		38.52	14.95	e	18 31.8	0.9	0.0	7.1
83	13	50.70	26 19.8	37.32	2	$+ 9.46$	9		38.53	19.44	i	15 33.4	0.7	0.0	7.1
84	13	29 6.54	29 18.3	44.45	1	$+ 18.18$	8		38.53	10.70	i	12 35.0	0.6	0.0	7.1
85	13	8.88	21 17.1	55.40	2	$+ 9.52$	12		38.52	7.87	a	20 36.0	1.0	-0.2	7.1
86	13	20.65	22 54.8	58.45	1	$+ 18.26$	11		38.53	3.10	a	18 58.6	0.9	-0.3	7.0
87	13	28.88	23 32.6	40 6.68	1	$+ 18.26$	11		38.53	1.25	a	18 20.8	0.9	-0.3	7.0
88	12	48.63	38 40.7	26.69	1	$+ 18.10$	2		38.54	9.47	u	3 13.3	0.2	-0.3	7.0
89	12	50.88	34 58.8	28.88	1	$+ 18.14$	4		38.54	7.20	o	6 54.8	0.3	+0.1	7.0
90	12	12 30 1.80	- 5 23 3.8	12 40 39.60	1	$+ 18.26$	0.11		38.53	2.67	a	18 49.7	0.9	-0.3	4 6.9

1902AnsWi...6....1P

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Refr. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Declgr. in Bogen-mass	Refr.	Faden-neigung	Red.
91*	8	12 ^h 30 ^m 7 ^s 34	5° 22' 38" 6	12 ^h 40 ^m 45 ^s 13	1	+18.26	0.12		38.53	3.90	a	19' 14" 9	0.9	-0.3	4' 6" 9
		7.37	37.3	41 12.98	4	-9.56	12			17.10	e	19 15.7	0.9	+0.2	
92	13	5.02	32 14.5	1.14	3	0.00	6		38.54	2.08	i	9 39.1	0.5	0.0	6.9
93*	9.5	21.16	24 8.1	7.74	2	+9.49	11		38.54	12.68	e	17 45.4	0.8	-0.2	6.9
94	13	30.84	36 22.6	27.00	3	0.00	3		38.55	16.23	u	5 31.3	0.3	0.0	6.8
95	13	19.78	32 12.0	33.86	5	-17.96	6		38.54	15.38	o	9 41.8	0.5	-0.1	6.8
96	13	31 2.15	21 52.0	39.95	1	+18.26	12		38.54	6.19	a	20 1.7	0.9	-0.3	6.7
97	13	5.70	21 33.8	52.24	2	+9.52	12		38.54	7.08	a	20 19.8	0.9	-0.2	6.7
98	12	19.02	26 30.7	56.90	1	+18.22	9		38.55	5.71	e	15 23.2	0.7	-0.3	6.7
		19.17		42 15.27	3	0.00	9			5.27	e				
99	11.5	20.14	21 40.6	41 57.94	1	+18.26	12		38.54	6.75	a	20 13.1	0.9	-0.3	6.7
100	13	20.65	32 6.2	42 7.32	2	+9.46	6		38.55	2.50	i	9 47.6	0.5	0.0	6.7
101	12	31.64	26 29.8	18.25	2	+9.49	9		38.55	5.75	e	15 24.0	0.7	-0.2	6.7
102	12	53.65	39 57.0	40.44	2	+9.40	1		38.56	5.75	u	1 57.4	0.1	-0.1	6.6
103	12	32 11.64	34 19.6	49.65	1	+18.14	5		38.56	9.14	o	7 34.4	0.4	+0.1	6.5
104	13	6.08	28 49.3	52.74	2	+9.46	8		38.56	12.15	i	13 4.6	0.6	0.0	6.5
105	12	20.09	21 28.9	57.90	1	+18.26	12		38.55	7.33	a	20 24.9	1.0	-0.3	6.5
106	10.5	24.37	38 38.6	43 11.15	2	+9.40	2		38.56	9.59	u	3 15.8	0.2	-0.1	6.5
107	12	32.68	28 34.0	19.34	2	+9.46	8		38.56	12.91	i	13 20.0	0.6	0.0	6.4
108	11.5	43.98	36 29.0	22.06	1	+18.10	3		38.57	15.95	u	5 25.6	0.3	-0.3	6.4
109	13	53.19	23 23.6	31.06	1	+18.22	11		38.56	14.89	e	18 30.4	0.9	-0.3	6.4
		53.11	25.5	44 7.23	5	-18.03	11			14.76	e	18 27.9	0.9	+0.3	
110	13	50.62	28 15.3	43 37.28	2	+9.46	8		38.56	13.82	i	13 38.7	0.6	0.0	6.4
111*	7	33 3.69	24 47.3	50.30	2	+9.49	10		38.56	10.79	e	17 6.8	0.8	-0.2	6.3
		3.82	47.9	59.92	3	0.00	10			10.75	e	17 6.0	0.8	0.0	
112	9	32 58.78	31 53.0	54.93	3	0.00	6		38.57	16.33	o	10 1.1	0.5	0.0	6.4
113	13	33 9.77	27 15.5	44 15.45	4	-9.57	9		38.56	16.75	i	14 38.5	0.7	0.0	6.3
114	13	12.43	38 14.8	26.54	5	-17.92	2		38.57	10.75	u	3 39.4	0.2	+0.3	6.3
115	12.5	55.75	36 23.5	33.84	1	+18.10	3		38.58	16.23	u	5 31.3	0.3	-0.3	6.2
116*	9	50.65	39 41.8	46.85	3	0.00	1		38.57	6.51	u	2 12.9	0.1	0.0	6.2
117	10.5	34 2.65	36 20.8	49.40	2	+9.43	3		38.57	3.23	o	5 33.7	0.3	0.0	6.2
118	12.5	33 59.41	30 1.0	55.55	3	0.00	7		38.57	8.65	i	11 53.2	0.6	0.0	6.2
119	13	49.39	36 14.3	45 3.53	5	-17.96	3		38.57	3.55	o	5 40.3	0.3	-0.1	6.2
120	10.5	34 30.10	36 31.8	8.15	1	+18.14	3		38.58	2.69	o	5 22.7	0.3	+0.1	6.1
121	11.5	28.04	22 54.2	14.62	2	+9.52	11		38.57	3.17	a	19 0.0	0.9	-0.2	6.1
122	11.5	30.29	23 34.2	16.87	2	+9.52	11		38.57	1.21	a	18 20.0	0.9	-0.2	6.1
123	10	44.82	27 13.5	22.73	1	+18.22	9		38.58	3.65	e	14 41.1	0.7	-0.3	6.0
124	9	52.99	27 0.4	30.90	1	+18.22	9		38.58	4.29	e	14 54.2	0.7	-0.3	6.0
125	11	55.17	32 56.2	33.20	1	+18.14	5		38.58	13.25	o	8 58.3	0.4	+0.1	6.0
126	10.5	59.44	37 5.0	46.24	2	+9.40	3		38.59	14.20	u	4 49.9	0.2	-0.1	6.0
127	12	35 11.18	39 27.8	49.30	1	+18.10	1		38.59	7.23	u	2 27.5	0.1	-0.3	5.9
128	11	16.92	32 34.9	54.95	1	+18.14	6		38.59	14.30	o	9 19.7	0.4	+0.1	5.9
129	12	23.26	21 41.7	46 9.84	2	+9.52	12		38.58	6.73	a	20 12.7	0.9	-0.2	5.9
130	12	38.52	29 54.9	16.50	1	+18.18	7		38.59	8.97	i	11 59.7	0.6	0.0	5.8
131	11	41.22	25 54.0	19.12	1	+18.22	10		38.58	7.56	e	16 0.8	0.7	-0.3	5.8
132	11	47.64	22 31.1	25.48	1	+18.26	12		38.58	4.32	a	19 23.5	0.9	-0.3	5.8
133	10	49.84	26 53.5	27.75	1	+18.22	9		38.58	4.64	e	15 1.3	0.7	-0.3	5.8
134	10	55.83	39 28.4	33.95	1	+18.10	1		38.59	7.20	u	2 27.0	0.1	-0.3	5.8
135	9	36 1.43	27 7.5	39.35	1	+18.22	9		38.59	3.96	e	14 47.3	0.7	-0.3	5.8
136*	9	5.42	34 40.8	43.47	1	+18.14	4		38.59	8.14	o	7 14.0	0.3	+0.1	5.8
137	12	6.51	19 57.3	53.08	2	+9.52	13		38.58	11.85	a	21 57.2	1.0	-0.2	5.7
138	11	14.41	28 11.1	47 1.10	2	+9.46	8		38.59	14.06	i	13 43.6	0.6	0.0	5.7
139	10	27.90	29 22.7	5.87	1	+18.18	8		38.59	10.55	i	12 32.0	0.6	0.0	5.7
140	13	12 36 38.14	5 35 6.3	12 47 16.20	1	+18.14	0.04		38.60	6.90	o	6 48.6	0.3	+0.1	4 5.7

ZONEN-OBSERVATIONEN.

Nr.	Größe	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Dclgr. in Bogen-mass	Ref.	Faden-neigung	Red.
141	11	12 ^h 36 ^m 45 ^s .53	— 5°29'36".9	12 ^h 47 ^m 23 ^s .52	1	+18.18	0.07		—	9 ^m 8.6	i	12' 17".9	0.6	0.0	4' 5".6
142	9	48.92	27 50.9	26.90	1	+18.18	8		38.60	15.05	i	14 3.8	0.7	0.0	5.6
		49.68	49.9	36.38	2	+9.46	8			15.10	i	14 4.8	0.7	0.0	
143	11	54.27	28 20.6	40.97	2	+9.46	8		38.60	13.60	i	13 34.2	0.6	0.0	5.6
144	9	37 4.30	34 13.1	42.35	1	+18.14	5		38.60	9.51	o	7 41.8	0.4	+0.1	5.6
145	11	2.32	39 35.0	49.16	2	+9.40	1		38.61	6.88	u	2 20.4	0.1	-0.1	5.6
146	13.5	9.11	35 53.6	55.88	2	+9.43	4		38.60	4.60	o	6 1.6	0.3	0.0	5.5
147	13	23.81	27 50.0	48 1.78	1	+18.18	9		38.60	15.10	i	14 4.8	0.7	0.0	5.5
148	13	27.95	25 14.4	14.60	2	+9.49	10		38.60	9.50	e	16 40.5	0.8	-0.2	5.5
149	11	37.86	37 22.0	15.98	1	+18.10	3		38.61	13.41	u	4 33.7	0.2	-0.3	5.4
150	13	43.79	31 46.2	30.54	2	+9.43	6		38.60	16.71	o	10 8.9	0.5	0.0	5.4
151	11	38 11.31	33 10.6	49.37	1	+18.14	5		38.61	12.58	o	8 44.6	0.4	+0.1	5.3
152	12	15.72	33 48.9	53.78	1	+18.14	5		38.61	10.71	o	8 6.3	0.4	+0.1	5.3
153	13	16.79	37 47.9	54.93	1	+18.10	2		38.62	12.15	u	4 7.9	0.2	-0.3	5.3
154*	8	17.72	29 7.8	49 4.43	2	+9.46	8		38.61	11.30	i	12 47.3	0.6	0.0	5.3
		18.09	6.8	32.26	5	-18.00	8			11.35	i	12 48.3	0.6	0.0	
155	13	8.95	19 37.4	14.60	4	-9.54	13		38.60	12.83	a	22 17.2	1.0	+0.1	5.3
156	13	32.83	21 18.6	19.43	2	+9.52	12		38.60	7.89	a	20 36.4	1.0	-0.2	5.2
157	12	43.95	22 47.4	21.82	1	+18.26	12		38.61	3.55	a	19 7.8	0.9	-0.3	5.2
158	12	39 15.77	36 36.9	53.90	1	+18.10	3		38.62	15.63	u	5 19.1	0.2	-0.3	5.1
159	12	16.81	28 52.4	50 3.53	2	+9.46	8		38.62	12.07	i	13 2.9	0.6	0.0	5.1
160	12.5	30.35	33 25.8	8.42	1	+18.14	5		38.62	11.85	o	8 29.7	0.4	+0.1	5.0
161	12	29.53	23 33.7	16.18	2	+9.49	11		38.61	14.45	e	18 21.6	0.9	-0.2	5.0
162	11	30.77	31 13.3	17.55	2	+9.43	6		38.63	18.34	o	10 42.2	0.5	0.0	5.0
163	10.5	46.13	19 1.0	32.73	2	+9.52	14		38.62	14.64	a	22 54.1	1.1	-0.2	5.0
164	11	58.01	30 10.3	36.02	1	+18.18	7		38.62	8.27	i	11 45.3	0.5	0.0	4.9
165	10	40 4.36	37 19.2	42.50	1	+18.10	3		38.63	13.57	u	4 37.0	0.2	-0.3	4.9
166	11	30.97	21 24.0	51 8.85	1	+18.26	12		38.62	7.65	a	20 31.5	1.0	-0.3	4.8
167	10.5	41.65	22 0.9	19.53	1	+18.26	12		38.62	5.85	a	19 54.7	0.9	-0.3	4.8
168	13	19.61	27 23.3	25.34	4	-9.56	9		38.62	3.20	e	14 31.9	0.7	+0.2	4.9
169	10	38.13	39 50.2	34.40	3	0.00	1		38.64	6.17	u	2 5.9	0.1	0.0	4.8
170	10	41 5.29	23 8.0	43.18	1	+18.26	11		38.62	2.57	a	18 47.7	0.9	-0.3	4.7
171*	6	5.85	37 0.7	52.67	2	+9.43	3		38.64	1.35	o	4 55.4	0.2	0.0	4.7
		5.89	1.2	52 11.75	4	-9.61	3			14.44	u	4 54.8	0.2	+0.1	
172	11	23.85	24 55.0	1.80	1	+18.22	10		38.63	10.50	e	17 0.9	0.8	-0.3	4.6
173	10	24.50	19 18.7	20.62	3	0.00	14		38.62	13.78	a	22 36.6	1.1	0.0	4.6
174	9.5	33.99	19 42.7	30.13	3	0.00	13		38.63	12.61	a	22 12.7	1.0	0.0	4.6
175	12	44.65	30 46.9	31.40	2	+9.46	7		38.64	6.49	i	11 9.1	0.5	0.0	4.5
176	12	49.25	26 10.8	45.42	3	0.00	10		38.63	6.78	e	15 45.0	0.7	0.0	4.5
177	12	49.09	21 26.6	54.78	4	-9.54	12		38.63	7.52	a	20 28.8	1.0	+0.1	4.5
178	10	42 14.96	28 26.7	53 1.70	2	+9.46	8		38.64	13.36	i	13 29.3	0.6	0.0	4.4
179	12	22.65	33 41.8	9.46	2	+9.43	5		38.65	11.10	o	8 14.4	0.4	0.0	4.4
180	11	17.01	38 24.4	31.20	5	-17.92	2		38.65	10.37	u	3 31.7	0.2	+0.3	4.4
181*	9	12 43 11.07	— 5 23 43.4	12 54 16.80	4	-9.56	0.11		38.64	14.00	e	18 12.4	0.8	+0.2	4 4.2

1	A. G.; Ll. 23188; Weisse 258; Sa. 266; Münch. I. 7994; Paris 15161; Arm. II. 1421; Wien. M.-B.; Karlsru. M.-B.; Radcl. III. 3214.	91	A. G.; wie Nr. 71 von Zone 42.
14	Münch. I. 8031; Münch. II. 4421.	93	A. G.; " " 72 " " 42.
22	A. G.; wie Nr. 12 von Zone 42.	111	A. G.; Mayer 519; Ll. 23649; Piazzini 152; Ll., Boss. 1713; Weisse 532; Tayl. 5823; Sa. 272; Paris 15533; Quet. 5178; Cord. G. C. 17233; Radcl. III. 3287; Wien. M.-B.; Gl. II. 1062.
26	A. G.; " " 16 " " 42.	116	A. G.; Weisse 544; Wien. M.-B.
48	A. G.; " " 33 " " 42.	136	A. N. 116, 350.
50	A. G.; " " 36 " " 42.	154	A. G.; Weisse 628; A. N. 81, 73.
63	Münch. I. 8192; Münch. II. 4484.		

1902AnsWi. 16....1P

171 A. G.; Mayer 522; Ll. 23839; Piazzì 183; Weisse 678;
Königsb. 37, 382; Tayl. 5881; Rüm. 4130;
Sa. 245; Arm. I. 2746; Paris 15720;
Münch. I. 8484; Cambr. 1853, 1854, 1855, 181
1856; A. N. 81, 73; 9 Y. C. 1177; Cord.

G. C. 17422; Cap. 1885, 897; 10 Y. C. 1995;
Wien. M.-B.; Radcl. III. 3325; Karlsr. M.-B.;
Kf. 503; Berl. Jahrbuch.
Weisse 716.

Zone 44 a: 1887, April 27.

Nr.	Größe	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden- Interv.	Ref. und Fadenneig.	Uhr- gang	Red.	Declino- graph	Faden	Delgr. in Bogen- mass	Ref.	Faden- nei- gung	Red.
1	11	12 ^h 17 ^m 12. ^s 77	5° 42' 57".4	12 ^h 37 ^m 28. ^s 03	1	+18. ^s 22	0. ^s 11	+	38. ^s 40	13. ^s 97	e	18' 11".8	0. ^s 9	-0".3	4' 8".9
2	12	12.58	46 56.0	36.62	2	+9.46		9	38.40	15.51	i	14 13.1	0.7	0.0	8.9
3	13	26.35	41 14.1	50.33	2	+9.49		12	38.40	19.03	e	19 55.0	1.0	-0.2	8.8
4	12	18 3.45	49 9.2	38 18.80	1	+18.18		7	38.41	8.99	i	12 0.1	0.6	0.0	8.8
5	13	5.47	55 38.9	20.93	1	+18.11		3	38.41	16.22	u	5 31.0	0.3	-0.3	8.8
6	13	17 44.37	56 55.3	27.55	4	-9.61		3	38.41	12.46	u	4 14.3	0.2	+0.1	8.8
7	12	18 14.24	53 7.4	38.36	2	+9.43		5	38.41	10.50	o	8 2.1	0.4	0.0	8.8
8	12	16.34	52 0.0	40.45	2	+9.43		6	38.41	13.80	o	9 9.5	0.4	0.0	8.8
9	12.5	29.76	57 44.3	53.95	2	+9.40		2	38.42	10.07	u	3 25.6	0.2	-0.1	8.7
10	12.5	43.40	56 25.1	58.87	1	+18.11		3	38.42	13.96	u	4 45.0	0.2	-0.3	8.7
11	9	19 2.30	54 40.7	39 17.72	1	+18.15		4	38.42	5.94	o	6 29.0	0.3	+0.1	8.6
12	11.5	10.16	38 39.6	34.11	2	+9.52		14	38.42	13.44	a	22 29.6	1.1	-0.2	8.6
13	11.5	15.04	43 30.7	39.05	2	+9.49		11	38.42	12.35	e	17 38.7	0.9	-0.2	8.6
14	12.5	22.95	55 19.8	47.13	2	+9.40		4	38.43	17.15	u	5 50.1	0.3	-0.1	8.6
15	12.5	29.91	56 15.4	54.10	2	+9.40		3	38.43	14.43	u	4 54.6	0.2	-0.1	8.6
16	13	53.13	53 5.5	40 8.55	1	+18.15		5	38.43	10.60	o	8 4.2	0.4	+0.1	8.5
17	13	47.74	54 2.8	21.32	3	0.00		4	38.43	7.80	o	7 7.0	0.3	0.0	8.6
18	10	20 9.32	56 50.9	24.80	1	+18.11		3	38.43	12.71	u	4 19.4	0.2	-0.3	8.5
19	11	15.01	42 53.2	30.30	1	+18.22		11	38.43	14.20	e	18 16.4	0.9	-0.3	8.5
20	11	4.39	38 36.8	37.87	3	0.00		14	38.43	13.57	a	22 32.3	1.1	0.0	8.5
21	11.5	12.72	38 16.2	46.20	3	0.00		14	38.43	14.58	a	22 52.9	1.1	0.0	8.5
22*	9.5	34.85	46 20.3	50.20	1	+18.18		9	38.43	17.28	i	14 49.3	0.7	0.0	8.4
23	11	33.1.	57 30.6		2	+9.40		2	38.44	10.76	u	3 39.6	0.2	-0.1	8.4
24*	9	42.76	50 7.7	41 6.86	2	+9.46		7	38.44	6.15	i	11 2.1	0.5	0.0	8.4
25	11	43.49	44 6.7	17.00	3	0.00		11	38.43	10.59	e	17 2.8	0.8	0.0	8.4
26	12.5	21 5.97	53 30.1	21.40	1	+18.15		5	38.44	9.40	o	7 39.7	0.4	+0.1	8.4
27	11	27.72	43 46.9	43.02	1	+18.22		11	38.44	11.58	e	17 23.0	0.8	-0.3	8.3
28	9	35.47	58 6.2	50.98	1	+18.11		2	38.45	9.04	u	3 4.4	0.1	-0.3	8.3
29	11.5	41.83	58 33.0	57.34	1	+18.11		2	38.45	7.72	u	2 37.6	0.1	-0.3	8.3
30	11.5	38.92	47 55.0	42 12.48	3	0.00		8	38.45	12.65	i	13 14.8	0.6	0.0	8.3
31	12	22 10.92	53 37.5	26.36	1	+18.15		5	38.45	9.05	o	7 32.5	0.4	+0.1	8.2
32*	7.5	25.61	50 18.7	41.00	1	+18.18		7	38.45	5.62	i	10 51.3	0.5	0.0	8.2
		25.63	20.7	59.20	3	0.00		7		5.52	i	10 49.3	0.5	0.0	
33	9	35.02	53 59.2	50.48	1	+18.15		4	38.46	7.99	o	7 10.9	0.3	+0.1	8.2
34	11	40.95	40 0.3	56.20	1	+18.26		13	38.45	9.52	a	21 9.6	1.0	-0.3	8.1
35	10.5	52.05	47 39.8	43 16.16	2	+9.46		8	38.46	13.40	i	13 30.1	0.7	0.0	8.1
36	13	23 2.74	39 3.9	26.72	2	+9.52		14	38.45	12.27	a	22 5.8	1.1	-0.2	8.1
37	10.5	15.35	39 14.6	30.60	1	+18.26		14	38.46	11.76	a	21 55.3	1.1	-0.3	8.0
38	12	38.34	53 30.5	53.80	1	+18.15		5	38.47	9.40	o	7 39.7	0.4	+0.1	8.0
39	10	39.33	40 59.8	54.60	1	+18.26		12	38.46	6.61	a	20 10.2	1.0	-0.3	8.0
40	12	49.13	54 48.1	44 4.60	1	+18.15		4	38.47	5.60	o	6 22.1	0.4	+0.1	8.0
41	12	24 5.59	47 13.2	29.70	2	+9.46		9	38.47	14.71	i	13 56.9	0.7	0.0	7.9
42	12	10.03	47 47.2	34.15	2	+9.46		8	38.47	13.05	i	13 23.0	0.6	0.0	7.9
43	12	25.43	40 32.4	49.44	2	+9.52		13	38.47	7.95	a	20 37.6	1.0	-0.2	7.9
44	11	26.54	50 30.2	45 0.13	3	0.00		7	38.47	5.07	i	10 40.1	0.5	0.0	7.9
45	11	12 24 42.99	5 50 49.6	12 45 7.14	2	+9.46	0.06		38.48	4.13	i	10 20.8	0.5	0.0	4 7.8

Nr.	Größe	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Dclgr. in Bogen-mass	Ref.	Faden-neigung	Red.	
46	13	12 ^h 24 ^m 41 ^s .23	5°59'30".6	12 ^h 45 ^m 24 ^s .50	4	— 9 ^s .61	0 ^s .01	+	—	38 ^s .48	4 ^s .90	u	1'40".0	0 ^s .1	+0 ^s .1	4' 7 ^s .9
47	11	25 36.76	53 53.9	52.24	1	+18.15	5	—	38.49	8.27	o	7 16.6	0.4	+0.1	7.7	
48	11	47.64	54 31.1	46 3.13	1	+18.15	4	—	38.49	6.45	o	6 39.5	0.3	+0.1	7.7	
49	11	48.53	48 27.7	3.95	1	+18.18	8	—	38.49	11.08	i	12 42.7	0.6	0.0	7.7	
50	11	26 1.3.	58 54.5		1			—	38.50	6.70	u	2 16.8	0.1	—0.3	7.6	
51	12	12 26 51.40	5 58 9.3	12 46 25.07	3	0.00	0.02	—	38.50	8.90	u	3 1.7	0.1	0.0	4 7.6	

22 Münch. I. 8066; Münch. II. 4438.
 24 Strassb. A. G.; Weisse 313.

32 Strassb. A. G.; Lt. 23333; Weisse 354; Münch. I. 8113;
 Ottokr. Paris 15301; Karlsr. M.-B.

Zone 44b: 1887, April 27.

Nr.	Größe	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Dclgr. in Bogen-mass	Ref.	Faden-neigung	Red.	
1*	7.5	12 ^h 22 ^m 25 ^s .66	5°50'20".5	12 ^h 57 ^m ...	1	+18 ^s .15	0 ^s .07	+	—	38 ^s .46	17 ^s .55	o	10' 25".9	0 ^s .5	+0 ^s .1	4' 8 ^s .2
2	9	35.18	54 2.5	37.72	1	+18.11	4	—	38.46	19.82	u	6 44.5	0.3	—0.3	8.2	
3	11	41.08	40 1.3	43.37	1	+18.26	13	—	38.45	8.32	a	20 45.1	1.0	—0.3	8.1	
4	10.5	51.98	47 39.9	54.40	1	+18.18	9	—	38.46	12.24	i	13 6.5	0.7	0.0	8.1	
5	13	23 2.67	39 8.9	58 4.95	1	+18.26	14	—	38.45	10.88	a	21 37.4	1.1	—0.3	8.1	
6	10.5	15.28	39 10.6	17.57	1	+18.26	14	—	38.46	10.80	a	21 35.8	1.1	—0.3	8.0	
7	13	22.43	58 18.0	25.00	1	+18.11	2	—	38.47	7.32	u	2 29.4	0.1	—0.3	8.0	
8	12	38.36	53 33.4	40.86	1	+18.15	5	—	38.47	8.11	o	7 13.4	0.3	+0.1	8.0	
9	10	39.11	41 2.5	50.15	2	+9.52	13	—	38.46	5.32	a	19 43.9	1.0	—0.2	8.0	
10	12	49.17	54 51.3	59 0.40	2	+9.43	4	—	38.47	4.30	o	5 55.6	0.3	0.0	8.0	
11	11	55.81	58 37.6	7.10	2	+9.40	1	—	38.47	6.35	u	2 9.6	0.1	—0.1	8.0	
12	10.5	24 34.29	45 0.9	45.40	2	+9.49	10	—	38.47	6.82	e	15 45.8	0.8	—0.2	7.9	
13	11	43.01	50 53.1	54.20	2	+9.46	6	—	38.48	2.80	i	9 53.8	0.5	0.0	7.8	
14	13	49.00	55 43.4	13 0 0.25	2	+9.43	3	—	38.48	1.76	o	5 3.7	0.3	0.0	7.8	
15	11	25 36.79	53 54.9	39.32	1	+18.15	4	—	38.49	7.08	o	6 52.2	0.3	+0.1	7.7	
16	11	48.34	48 26.6	50.80	1	+18.18	8	—	38.49	9.98	i	12 20.3	0.6	0.0	7.7	
17	11	47.80	54 32.8	59.05	2	+9.43	4	—	38.49	5.22	o	6 14.4	0.3	0.0	7.7	
18	11.5	49.79	49 46.8	1 10.44	3	0.00	7	—	38.49	6.05	i	11 0.1	0.6	0.0	7.7	
19	11	26 1.31	58 57.6	12.63	2	+9.40	1	—	38.50	5.39	u	1 50.0	0.1	—0.1	7.6	
20	13	3.60	55 24.6	24.30	3	0.00	3	—	38.50	2.69	o	5 22.7	0.3	0.0	7.6	
21	13	28.07	56 50.5	30.66	1	+18.11	3	—	38.50	11.62	u	3 57.2	0.2	—0.3	7.6	
22	11	36.30	51 22.9	38.82	1	+18.15	6	—	38.50	14.52	o	9 24.2	0.5	+0.1	7.5	
23	12	44.38	48 34.5	46.85	1	+18.18	8	—	38.50	9.60	i	12 12.6	0.6	0.0	7.5	
24	11	46.45	53 45.6	57.70	2	+9.43	5	—	38.50	7.54	o	7 1.7	0.4	0.0	7.5	
25*	9	27 3.66	52 7.1	2 6.18	1	+18.15	6	—	38.50	12.36	o	8 40.1	0.4	+0.1	7.5	
26	11	4.64	44 42.4	7.05	1	+18.22	10	—	38.50	7.75	e	16 4.8	0.8	—0.3	7.5	
27	12	1.27	41 47.9	12.36	2	+9.52	12	—	38.50	3.13	a	18 59.1	0.9	—0.2	7.5	
28	11	16.62	45 2.6	27.76	2	+9.49	10	—	38.50	6.76	e	15 44.6	0.8	—0.2	7.4	
29	12	12.26	54 31.5	32.96	3	0.00	4	—	38.51	5.30	o	6 15.9	0.3	0.0	7.5	
30	11	46.54	44 3.2	48.94	1	+18.22	11	—	38.50	9.68	e	16 44.2	0.8	—0.3	7.3	
31	13	28 1.99	51 32.7	3 4.52	1	+18.15	6	—	38.51	14.05	o	9 14.6	0.5	+0.1	7.3	
32	13	15.27	50 6.7	17.83	1	+18.15	4	—	38.52	18.27	o	10 40.6	0.5	+0.1	7.3	
		15.32	3.2	36.03	3	0.00	4	—		5.27	i	10 44.2	0.5	0.0		
33	11	21.62	39 8.8	23.96	1	+18.26	14	—	38.51	10.93	a	21 38.4	1.1	—0.3	7.2	
34*	9	35.94	59 41.6	47.28	2	+9.40	1	—	38.52	3.26	u	1 6.4	0.1	—0.1	7.2	
35	12	50.43	43 17.3	52.85	1	+18.22	11	—	38.52	11.93	e	17 30.1	0.9	—0.3	7.2	
36	13	12 28 54.50	5 46 21.3	13 4 5.70	2	+9.46	0.09	—	38.52	16.14	i	14 26.1	0.7	0.0	4 7.1	

1902ANSWi...6....1P

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadennöig.	Uhr-gang	Red.	Declino-graph	Faden	Dclgr. in Bogen-mass	Ref.	Faden-neigung	Red.
37	11.5	12 ^h 29 ^m 11 ^s .22	- 5° 46' 56".3	13 ^h 4 ^m 13 ^s .70	1	+18 ^s .18	0 ^s .09		38 ^s .52	14 ^m .43	i	13' 51".1	0 ^s .7	0 ^s .0	4' 7".1
38	12	25.67	54 28.6	28.28	1	+18.11			38.53	18.59	u	6 19.5	0.3	-0.3	7.1
39	13	27.16	58 1.5	38.50	2	+9.40			38.53	8.16	u	2 46.6	0.1	-0.1	7.1
40	9.5	46.58	43 22.0	49.00	1	+18.22			38.52	11.71	e	17 25.6	0.9	-0.3	7.0
41	12	48.59	38 48.2	50.94	1	+18.26			38.52	11.95	a	21 59.2	1.1	-0.3	7.0
42	12	53.20	50 52.0	55.75	1	+18.15			38.53	16.06	o	9 55.6	0.5	+0.1	7.0
43	12	30 11.73	40 11.0	5 14.10	1	+18.26			38.53	7.90	a	20 36.6	1.0	-0.3	6.9
44	11	11.97	47 7.6	23.18	2	+9.46			38.53	13.89	i	13 40.0	0.7	0.0	6.9
45	12	33.16	41 0.0	35.53	1	+18.26			38.53	5.50	a	19 47.6	1.0	-0.3	6.9
46	11	36.72	46 32.4	39.17	1	+18.22			38.53	2.40	e	14 15.6	0.7	-0.3	6.8
47	12.5	35.21	57 0.4	46.56	2	+9.40			38.54	11.16	u	3 47.8	0.2	-0.1	6.9
48	12.5	56.94	55 53.9	59.57	1	+18.11			38.54	14.43	u	4 54.6	0.2	-0.3	6.8
49	13	31 2.42	48 41.4	6 4.93	1	+18.18			38.54	9.30	i	12 6.4	0.6	0.0	6.8
50	12	9.30	51 24.3	11.86	1	+18.15			38.54	14.49	o	9 23.6	0.5	+0.1	6.7
51	11	10.54	52 29.3	13.11	1	+18.15			38.54	11.31	o	8 18.7	0.4	+0.1	6.7
52	9.5	19.60	43 58.9	22.04	1	+18.22			38.54	9.92	e	16 49.1	0.8	-0.3	6.7
53	13	33.12	46 56.6	35.62	1	+18.18			38.54	14.43	i	13 51.2	0.7	0.0	6.7
54	9	39.69	54 23.1	42.32	1	+18.11			38.55	18.88	u	6 25.4	0.3	-0.3	6.7
		39.74	21.7	51.08	2	+9.40				18.94	o	6 26.6	0.3	-0.1	
55	12	53.49	39 59.9	55.86	1	+18.26			38.54	8.46	a	20 48.0	1.0	-0.3	6.6
56	13	46.55	49 10.1	7 7.25	3	0.00			38.55	7.90	i	11 37.9	0.6	0.0	6.6
57	12	58.21	52 58.5	18.94	3	0.00			38.55	9.89	o	7 49.7	0.4	0.0	6.6
58	11	32 13.51	58 27.8	24.88	2	+9.40			38.56	6.90	u	2 20.8	0.1	-0.1	6.6
59	10.5	24.29	38 43.4	26.67	1	+18.26			38.55	12.21	a	22 4.5	1.1	-0.3	6.5
60	13	17.00	45 16.8	37.68	3	0.00			38.55	6.10	e	15 31.1	0.8	0.0	6.5
61	11	40.69	52 22.7	43.28	1	+18.15			38.56	11.65	o	8 25.5	0.4	+0.1	6.5
62	11	43.35	55 47.0	46.00	1	+18.11			38.56	14.78	u	5 1.7	0.3	-0.3	6.5
63	13	51.76	55 8.1	54.40	1	+18.11			38.56	16.69	u	5 40.7	0.3	-0.3	6.4
64	10	55.74	54 47.5	58.38	1	+18.11			38.56	17.70	u	6 1.3	0.3	-0.3	6.4
65	11	33 0.67	42 54.2	8 3.12	1	+18.22			38.56	13.10	e	17 54.0	0.9	-0.3	6.4
66	13	32 52.47	39 29.4	22.75	4	-9.54			38.55	9.94	a	21 18.2	1.1	+0.1	6.4
67	13	33 12.30	38 17.4	32.93	3	0.00			38.55	13.47	a	22 30.3	1.1	0.0	6.4
68	10	42.14	44 24.2	44.60	1	+18.22			38.56	8.70	e	16 24.2	0.8	-0.3	6.3
69*	9	50.61	39 43.2	53.00	1	+18.26			38.56	9.30	a	21 5.0	1.1	-0.3	6.2
70	10	49.12	58 2.9	9 0.50	2	+9.40			38.57	8.14	u	2 46.1	0.1	-0.1	6.2
71	9.5	34 2.00	53 41.5	4.60	1	+18.15			38.57	7.80	o	7 7.0	0.4	+0.1	6.2
72	12	2.01	57 29.7	13.40	2	+9.40			38.58	9.76	u	3 19.2	0.2	-0.1	6.2
73	12	33 54.62	53 56.6	15.38	3	0.00			38.57	7.07	o	6 52.1	0.3	0.0	6.2
74	11	34 23.92	47 26.8	26.45	1	+18.18			38.57	12.98	i	13 21.6	0.7	0.0	6.1
75	11	29.29	57 31.2	31.97	1	+18.11			38.58	9.70	u	3 18.0	0.2	-0.3	6.1
76	13	20.77	57 41.1	41.56	3	0.00			38.58	9.20	u	3 7.8	0.2	0.0	6.1
77	12	35 11.03	39 32.8	10 13.43	1	+18.26			38.57	9.81	a	21 15.6	1.1	-0.3	6.0
78*	8	20.62	43 39.5	23.10	1	+18.22			38.58	10.91	e	17 9.2	0.9	-0.3	5.9
		20.63	37.9	41.33	3	0.00				10.97	e	17 10.5	0.9	0.0	
79	12.5	33.02	52 10.7	35.63	1	+18.15			38.59	12.26	o	8 38.1	0.4	+0.1	5.9
80	11.5	36.92	43 54.1	39.40	1	+18.22			38.58	10.20	e	16 54.7	0.8	-0.3	5.9
81	13	36.68	58 35.2	48.10	2	+9.40			38.60	6.57	u	2 14.1	0.1	-0.1	5.9
82	10	51.57	54 32.3	54.20	1	+18.15			38.59	5.34	o	6 16.7	0.3	+0.1	5.8
83	10	56.09	39 29.6	58.50	1	+18.26			38.58	9.98	a	21 19.0	1.1	-0.3	5.8
84	12	51.97	48 34.2	11 3.25	2	+9.46			38.59	9.70	i	12 14.6	0.6	0.0	5.8
85	12	51.35	50 44.1	12.10	3	0.00			38.59	3.34	i	10 4.8	0.5	0.0	5.8
86	13	36 24.67	42 36.7	27.15	1	+18.22			38.59	13.99	e	18 12.2	0.9	-0.3	5.7
87	13	49.63	52 57.8	52.26	1	+18.15			38.60	9.97	o	7 51.3	0.4	+0.1	5.6
88	12	12 36 51.10	- 5 52 55.5	13 11 53.73	1	+18.15	0.05		38.60	10.08	o	7 53.6	0.4	+0.1	4 5.6

ZONEN-BEOBACHTUNGEN.

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Delgr. in Bogen-mass	Ref.	Faden-neigung	Red.
89	10.5	12 ^h 36 ^m 51. ^s 79	5° 43' 41." 6	13 ^h 12 ^m 3. ^s 02	2	+ 9. ^s 49	0. ^s 11		38. ^s 60	10. ^r 81	e	17' 7." 3	0. ^s 9	0." 2	4' 5." 6
90	11	37 2.07	39 38.6	4.50	1	+ 18.26	14		38.60	9.55	a	21 10.2	1.1	0.3	5.6
91	12	36 58.25	55 24.8	9.65	2	+ 9.40	4		38.61	15.90	u	5 24.6	0.3	0.1	5.6
92	11	59.62	55 28.4	20.43	3	0.00	3		38.61	15.72	u	5 20.9	0.3	0.0	5.6
93	12	37 20.02	56 21.4	22.72	1	+ 18.11	3		38.61	13.15	u	4 28.4	0.2	0.3	5.5
94	10	32.95	44 33.4	35.45	1	+ 18.22	11		38.60	8.29	e	16 15.8	0.8	0.3	5.5
95	13	35.09	50 26.9	37.68	1	+ 18.18	7		38.61	4.20	i	10 22.3	0.5	0.0	5.5
96	12	40.21	42 52.9	42.70	1	+ 18.22	12		38.60	13.21	e	17 56.2	0.9	0.3	5.5
97	13	36.35	55 57.7	57.17	3	0.00	3		38.62	14.30	u	4 51.9	0.2	0.0	5.4
98	10	58.86	46 29.4	13 1.43	1	+ 18.18	9		38.61	15.83	i	14 19.7	0.7	0.0	5.4
99	10.5	38 4.22	54 54.6	6.92	1	+ 18.11	4		38.62	17.40	u	5 55.2	0.3	0.3	5.4
100	10.5	4.87	52 54.3	16.24	2	+ 9.43	5		38.62	10.16	o	7 55.1	0.4	0.0	5.4
101	10	16.64	55 1.2	19.30	1	+ 18.15	4		38.62	3.95	o	5 48.3	0.3	0.1	5.3
102	13	7.51	42 8.7	28.23	3	0.00	12		38.61	2.20	a	18 40.2	0.9	0.0	5.4
103	13	30.21	39 44.8	32.65	1	+ 18.26	14		38.61	9.26	a	21 4.3	1.1	0.3	5.3
104	13	39.31	43 34.2	41.82	1	+ 18.22	11		38.61	11.20	e	17 15.2	0.9	0.3	5.2
105	11	56.43	44 3.2	58.95	1	+ 18.22	11		38.62	9.79	e	16 46.3	0.8	0.3	5.2
106	12	39 0.10	53 31.5	14 2.76	1	+ 18.15	5		38.63	8.34	o	7 18.0	0.4	0.1	5.2
107	12	2.17	56 7.2	4.89	1	+ 18.11	3		38.63	13.86	u	4 42.9	0.2	0.3	5.2
108	11.5	8.40	41 32.4	10.90	1	+ 18.22	13		38.62	17.17	e	19 17.0	1.0	0.3	5.1
109	11	18.82	53 6.9	21.48	1	+ 18.15	5		38.63	9.55	o	7 42.7	0.4	0.1	5.1
110	12	3.96	50 56.1	24.76	3	0.00	6		38.63	15.95	o	9 53.4	0.5	0.0	5.2
111	13	30.88	50 49.6	33.53	1	+ 18.15	6		38.63	16.27	o	9 59.9	0.5	0.1	5.1
112	13	46.14	52 33.3	48.80	1	+ 18.15	5		38.63	11.20	o	8 16.4	0.4	0.1	5.0
113	13	40 4.59	50 21.3	15 7.20	1	+ 18.18	7		38.63	4.50	i	10 28.5	0.5	0.0	4.9
114	13	11.07	42 5.2	13.55	1	+ 18.26	12		38.63	2.41	a	18 44.5	0.9	0.3	4.9
115	10.5	22.49	43 34.7	25.02	1	+ 18.22	11		38.63	11.19	e	17 15.0	0.9	0.3	4.9
116	10	26.77	55 52.4	29.50	1	+ 18.11	3		38.64	14.60	u	4 58.0	0.2	0.3	4.9
117	10	4.19	37 27.1	34.43	4	9.54	15		38.62	16.00	a	23 21.9	1.2	0.1	4.9
118	10	37.94	39 58.8	40.40	1	+ 18.26	14		38.63	8.60	a	20 50.9	1.0	0.3	4.8
119	12	39.66	49 54.7	51.00	2	+ 9.46	7		38.64	5.81	i	10 55.2	0.5	0.0	4.8
120	12	54.03	53 8.0	56.70	1	+ 18.15	5		38.64	9.51	o	7 41.9	0.4	0.1	4.8
121	12	46.89	52 1.1	16 7.70	3	0.00	6		38.64	12.79	o	8 48.9	0.4	0.0	4.8
122	12	41 5.95	50 32.0	8.60	1	+ 18.15	7		38.64	17.15	o	10 17.9	0.5	0.1	4.7
123*	6	5.83	36 59.8	26.55	3	0.00	15		38.64	17.35	a	23 49.5	1.2	0.0	4.7
124	11	53.96	48 28.3	56.58	1	+ 18.18	8		38.65	10.05	i	12 21.8	0.6	0.0	4.5
125	12	54.31	46 28.8	56.92	1	+ 18.18	9		38.65	15.90	i	14 21.2	0.7	0.0	4.5
126	11	12 42 16.79	5 38 28.8	13 17 28.00	2	+ 9.52	0.15		38.65	13.02	a	22 21.1	1.1	0.2	4 4.4

- | | | | |
|----|----------------------------------------------------------|-----|------------------------------------------------------|
| 1 | Strassb. Ottakr. A. G.; wie Nr. 32 von Zone 44 a. | 69 | Strassb. A. G.; wie Nr. 116 von Zone 43. |
| 25 | Strassb. A. G.; Wien. M.-B. | 78 | Strassb. Ottakr. A. G.; Ll., Boss. 1728; Wien. M.-B. |
| 34 | Strassb. Ottakr. A. G.; Münch. I. 8240; Münch. II. 4502. | 123 | Strassb. A. G.; wie Nr. 171 von Zone 43. |

Zone 45: 1887, Mai 15.

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Delgr. in Bogen-mass	Ref.	Faden-neigung	Red.
1	11	12 ^h 17 ^m 26. ^s 88	5° 59' 47." 5	14 ^h 10 ^m 1. ^s 60	1	+ 18. ^s 28	0. ^s 07		38. ^s 30	8. ^r 30	a	20' 44." 7	1. ^s 2	0." 5	4' 8." 5
2	12	27.79	6 14 47.6	20.74	3	0.00	2		38.30	3.83	o	5 46.0	0.3	0.0	8.5
3	11	48.32	6 3 15.0	23.07	1	+ 18.24	6		38.30	11.31	e	17 17.5	1.0	0.5	8.4
4	12.5	12 17 51.27	6 0 13.0	14 10 34.74	2	+ 9.53	0.07		38.30	7.07	a	20 19.6	1.2	0.2	4 8.4

Nr.	Größe	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Refr. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Dclgr. in Bogen-mass	Refr.	Faden-neigung	Red.
59	12	12 ^h 26 ^m 2 ^s .89	6° 2' 49".75	14 ^h 18 ^m 37 ^s .73	1	+18.24	0.006	0.01	38.40	12.61	e	17' 44".0	1.1	+0".5	4' 7".3
60	11	1.20	5 58 56.0	44.76	2	+9.53	7	1	38.40	10.89	a	21 37.6	1.3	+0.2	7.3
61	12	0.46	6 16 59.5	53.50	3	0.00	1	1	38.41	10.55	u	3 35.4	0.2	0.0	7.3
62	10	21.58	5 40.8	19 5.15	2	+9.50	5	1	38.40	4.24	e	14 53.2	0.9	+0.2	7.3
63	11	34.70	9 51.7	18.30	2	+9.47	4	1	38.41	5.19	i	10 42.5	0.6	+0.4	7.2
64	11.5	35.04	9 4.4	18.64	2	+9.47	4	1	38.41	7.50	i	11 29.7	0.7	+0.4	7.2
65	13	40.43	12 40.3	24.06	2	+9.44	3	1	38.42	10.10	o	7 54.0	0.5	+0.4	7.2
66	12	51.92	11 14.5	35.55	2	+9.44	3	1	38.42	14.30	o	9 19.7	0.6	+0.4	7.2
67	12	56.31	10 12.0	39.94	2	+9.44	3	1	38.42	17.36	o	10 22.2	0.6	+0.4	7.2
68	13	27 12.65	3 33.3	47.50	1	+18.24	6	1	38.41	10.48	e	17 0.5	1.0	+0.5	7.1
69	11.5	21.41	17 15.8	56.34	1	+18.13	1	1	38.43	9.74	u	3 18.8	0.2	+0.5	7.1
70	10.5	26.84	3 6.2	20 1.70	1	+18.24	6	1	38.42	11.81	e	17 27.7	1.0	+0.5	7.0
71*	8	29.55	5 23.4	4.40	1	+18.24	5	1	38.42	5.09	e	15 10.5	0.9	+0.5	7.1
		29.58	22.5	13.17	2	+9.50	5	1	38.42	5.15	e	15 11.7	0.9	+0.2	
72	10	33.39	6 14.5	16.98	2	+9.50	5	1	38.42	2.60	e	14 19.7	0.9	+0.2	7.1
73	13	34.62	12 5.2	27.70	3	0.00	3	1	38.43	11.85	o	8 29.7	0.5	0.0	7.0
74	12	44.61	6 4 45.2	37.70	3	0.00	5	1	38.42	6.99	e	15 49.3	0.9	0.0	7.0
75*	9	28 35.58	5 59 37.4	21 10.42	1	+18.28	7	1	38.43	8.87	a	20 56.4	1.3	+0.5	6.8
76	11	45.80	6 5 10.2	20.66	1	+18.24	5	1	38.43	5.75	e	15 24.0	0.9	+0.5	6.8
77	10.5	29 12.73	7 32.8	47.63	1	+18.20	4	1	38.44	11.98	i	13 1.2	0.8	+0.8	6.8
78	11	29.66	7 57.0	22 4.57	1	+18.20	4	1	38.45	10.80	i	12 37.1	0.8	+0.8	6.7
79	13	31.73	15 7.7	6.69	1	+18.13	2	1	38.45	16.03	u	5 27.2	0.3	+0.5	6.7
80	9.5	32.98	11 18.8	16.64	2	+9.44	3	1	38.45	14.11	o	9 15.8	0.6	+0.4	6.8
81	12	40.34	10 34.2	24.00	2	+9.44	3	1	38.45	16.30	o	10 0.5	0.6	+0.4	6.7
82	11.5	40.86	9 37.9	24.53	2	+9.44	4	1	38.45	19.05	o	10 56.7	0.7	+0.4	6.7
83	13	42.28	3 6.2	35.40	3	0.00	6	1	38.44	11.85	e	17 28.5	1.0	0.0	6.7
84	11	53.96	18 12.7	47.05	3	0.00	1	1	38.46	7.00	u	2 22.9	0.1	0.0	6.7
85	12.5	57.84	11 52.3	50.94	3	0.00	3	1	38.45	12.50	o	8 43.0	0.5	0.0	6.6
86	12.5	30 5.29	11 46.2	58.40	3	0.00	3	1	38.46	12.80	o	8 49.1	0.5	0.0	6.6
87	12	7.30	15 24.6	23 0.40	3	0.00	2	1	38.46	15.23	u	5 10.9	0.3	0.0	6.6
88	10	3.49	3 26.5	6.19	4	-9.57	6	1	38.45	10.87	e	17 8.5	1.0	-0.2	6.6
89	12	29 58.96	6 5.3	10.10	5	-18.02	5	1	38.45	16.35	i	14 30.4	0.9	-0.8	6.6
90	10	30 40.89	14 13.1	15.86	1	+18.13	2	1	38.46	18.71	u	6 21.9	0.4	+0.5	6.5
91	12.5	33.67	9 49.0	26.79	3	0.00	4	1	38.46	18.54	o	10 46.3	0.6	0.0	6.5
92	11	51.19	13 16.6	34.86	2	+9.44	2	1	38.47	8.36	o	7 18.5	0.4	+0.4	6.5
93	11	56.90	5 0.1	40.53	2	+9.50	5	1	38.46	6.28	e	15 34.8	0.9	+0.2	6.4
94	12	31 0.29	1 18.7	43.90	2	+9.53	6	1	38.46	3.95	a	19 15.9	1.2	+0.2	6.4
95	12.5	38.78	15 27.2	24 13.73	1	+18.17	2	1	38.48	1.95	o	5 7.6	0.3	+0.9	6.4
96	10.5	46.52	18 36.1	21.50	1	+18.13	1	1	38.48	5.85	u	1 59.4	0.1	+0.5	6.3
97	12.5	49.05	10 26.6	32.70	2	+9.47	3	1	38.47	3.52	i	10 8.5	0.6	+0.4	6.3
98	12	32 3.52	6 14 40.9	38.47	1	+18.17	2	1	38.48	4.22	o	5 53.9	0.4	+0.9	6.3
99	11	13.17	5 58 31.1	48.05	1	+18.28	7	1	38.47	12.15	a	22 3.3	1.3	+0.5	6.2
100	11	19.63	6 4 33.2	54.54	1	+18.24	5	1	38.48	7.59	e	16 1.5	1.0	+0.5	6.2
101	11	20.92	3 7.2	55.84	1	+18.24	6	1	38.48	11.80	e	17 27.5	1.0	+0.5	6.2
102	12	17.46	17 17.5	25 20.20	4	-9.62	1	1	38.49	9.74	u	3 18.8	0.2	-0.3	6.2
103	10.5	54.42	13 43.1	29.38	1	+18.17	2	1	38.49	7.06	o	6 51.9	0.4	+0.9	6.1
104	10	58.06	16 3.4	33.05	1	+18.13	1	1	38.49	13.33	u	4 32.1	0.3	+0.5	6.1
105*	8	33 3.11	14 31.8	38.11	1	+18.13	2	1	38.49	17.81	u	6 3.6	0.4	+0.5	6.1
		3.36	29.2	47.08	2	+9.41	2	1	38.49	17.95	u	6 6.4	0.4	+0.3	
106	11	8.29	14 29.2	43.30	1	+18.13	2	1	38.50	17.94	u	6 6.2	0.4	+0.5	6.1
107	12	32 57.48	7 15.0	26 0.22	4	-9.59	4	1	38.49	12.95	i	13 20.9	0.8	-0.4	6.1
108	12	33 32.61	11 20.3	7.59	1	+18.17	3	1	38.50	14.05	o	9 14.6	0.6	+0.9	6.0
109	12	39.44	8 56.8	14.40	1	+18.20	4	1	38.50	7.91	i	11 38.1	0.7	+0.8	6.0
110	12	12 33 54.69	6 13 46.7	14 26 38.42	2	+9.41	0.02	0.01	38.50	20.04	u	6 49.1	0.4	+0.3	4 5.9

Nr.	Größe	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Dclgr. in Bogen-mass	Ref.	Faden-neigung	Red.
164	11	12 ^h 43 ^m 2 ^s .49	6°15'37"	14 ^h 35 ^m 46 ^s .30	2	+ 9.44	0.02	+	38.62	37.25	o	5'34".1	0.3	+0".4	4'3".9
165	11	9.88	13 50.9	53.68	2	+ 9.44	2	2	38.61	6.81	o	6 46.8	0.4	+0.4	3.9
166*	7.5	12 43 14.73	6 11 52.8	14 35 58.55	2	+ 9.44	3	2	38.62	12.59	o	8 44.8	0.5	+0.4	4 3.9
		14.93	53.4	36 8.19	3	0.00	0.03	0.02		12.58	o	8 44.6	0.5	0.0	

- | | | | |
|----|-----------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 31 | A. G.; Münch. I. 8094; Münch. II. 4448. | 75 | A. G.; wie Nr. 34 von Zone 44b. |
| 46 | A. G.; Ll. 23372; Weisse 374; Münch. I. 8136; Paris 15331. | 105 | A. G.; Weisse 531. |
| 47 | A. G.; Ll. 23370; Weisse 373; Münch. I. 8135; Rümk. N. 25; Paris 15329; Cambr. 1856. | 136 | A. G.; Münch. I. 8437; Madras 1872; Münch. II. 4580. Küstner 420. |
| 71 | A. G.; Ll. 23481; Ll. Boss. 1683; Weisse 439; Sa. 240; Paris 15430; 2 Wien. M.-B.; 7 Karlsr. M.-B.; Radcl. III. 3260. | 161 | A. G.; Ll. 23907; Ll. Boss. 1776; Weisse 718; Münch. I. 8531; Sa. 246; Cambr. 1851; Paris 15776; A. N. 76, 53; A. N. 84, 244; 5 Wien. M.-B.; 6 Karlsr. M.-B. |

Zone 46: 1887, Mai 15.

Nr.	Größe	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Dclgr. in Bogen-mass	Ref.	Faden-neigung	Red.
1*	7	12 ^h 16 ^m 43 ^s .29	6°36'21".4	14 ^h 43 ^m 48 ^s .47	3	0.00	0.05	+	38.31	13.79	u	4'44".6	0.3	0".0	4'8".7
2*	8	58.69	21 21.9	44 3.72	3	0.00	19		38.30	18.44	e	19 43.0	1.4	0.0	8.7
3	11	44.75	35 28.6	7.89	5	-17.96	5		38.31	16.51	u	5 37.0	0.4	+0.3	8.7
4	11	51.05	37 15.8	14.20	5	-17.96	4		38.31	11.26	u	3 49.9	0.3	+0.3	8.7
5	10	17 17.16	31 43.2	22.30	3	0.00	9		38.31	14.43	o	9 22.4	0.7	0.0	8.7
6	9	17.73	37 48.1	22.93	3	0.00	3		38.31	9.70	o	3 18.0	0.2	0.0	8.7
7	11.5	45.01	20 17.4	31.75	1	+18.29	20		38.31	8.45	a	20 47.8	1.5	-0.3	8.6
8	12	28.42	37 30.6	43.26	4	-9.63	3		38.32	10.55	u	3 35.4	0.3	+0.1	8.6
9	11	36.81	35 9.4	51.60	4	-9.61	6		38.32	4.35	o	5 56.6	0.4	0.0	8.6
10	11	46.02	34 8.1	45 0.80	4	-9.61	7		38.32	7.35	o	6 57.8	0.5	0.0	8.6
11	11	18 15.75	18 30.4	2.48	1	+18.29	22		38.32	13.69	a	22 34.8	1.6	-0.3	8.5
12	12.5	4.75	19 0.3	9.78	3	0.00	21		38.32	12.22	a	22 4.7	1.5	0.0	8.5
13	13	9.32	24 1.4	14.40	3	0.00	16		38.32	10.66	e	17 4.2	1.2	-0.3	8.5
14	11	23.15	35 32.0	18.93	2	+ 9.42	5		38.33	16.37	u	5 34.2	0.4	-0.1	8.5
15	11	18.26	34 4.1	23.44	3	0.00	7		38.33	7.55	o	7 1.9	0.5	0.0	8.5
16	13	33.21	37 24.6	29.00	2	+ 9.42	4		38.33	10.86	u	3 41.7	0.3	-0.1	8.5
17	12.5	30.87	23 30.7	35.94	3	0.00	17		38.32	12.15	e	17 34.6	1.2	0.0	8.5
18	12	19 2.18	31 33.8	49.16	1	+18.18	9		38.33	14.90	o	9 32.0	0.7	+0.1	8.4
19	12	4.32	38 36.5	46 0.14	2	+ 9.42	2		38.34	7.35	u	2 30.0	0.2	-0.1	8.4
20	10	12.27	35 32.1	8.03	2	+ 9.45	5		38.34	3.25	o	5 34.1	0.4	0.0	8.4
21	10.5	26.98	37 47.1	14.07	1	+18.14	3		38.34	9.78	u	3 19.6	0.2	-0.3	8.4
22	9	20.47	17 32.0	25.50	3	0.00	22		38.33	16.55	a	23 33.1	1.6	0.0	8.3
23	13	42.90	39 7.4	38.73	2	+ 9.42	2		38.35	5.84	u	1 59.2	0.1	-0.1	8.4
24*	8	52.48	38 17.6	48.30	2	+ 9.42	3		38.35	8.28	u	2 49.0	0.2	-0.1	8.3
		52.48	16.1	57.72	3	0.00	3			8.35	u	2 50.4	0.2	0.0	
25	12	55.47	32 27.0	47 10.27	4	-9.61	8		38.35	12.31	o	8 39.1	0.6	0.0	8.3
26	11	20 28.97	22 0.5	15.77	1	+18.29	18		38.35	3.43	a	19 5.3	1.3	-0.3	8.2
27	10	32.68	27 57.0	19.60	1	+18.22	13		38.35	12.36	i	13 8.9	0.9	0.0	8.2
		32.80	57.0	28.46	2	+ 9.48	13			12.36	i	13 8.9	0.9	0.0	
28	12.5	22.84	18 0.5	37.44	4	-9.56	22		38.34	15.15	a	23 4.6	1.6	+0.1	8.2
29	10.5	49.35	28 55.8	45.03	2	+ 9.48	12		38.36	9.48	i	12 10.1	0.9	0.0	8.2
30	13	51.11	24 59.3	46.72	2	+ 9.51	15		38.35	7.84	e	16 6.6	1.1	-0.2	8.2
31	10.5	21 7.17	17 56.9	48 2.68	2	+ 9.54	22		38.35	15.35	a	23 8.6	1.6	-0.2	8.1
32	13	12 21 15.81	6 30 43.8	14 48 11.54	2	+ 9.45	0.10		38.36	17.37	o	10 22.4	0.7	0.0	4 8.1

1902ANSWi. 16. 1P

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Dolgr. in Bogen-mass	Ref.	Faden-neigung	Red.
33	9	12 ^h 21 ^m 24 ^s .79	6°19' 6".9	14 ^h 48 ^m 20 ^s .32	2	+ 9 ^s .54	0 ^s .21		—	38 ^s .36	11 ^r .93	a 21' 58".8	+ 1 ^r .5	— 0".2	4' 8".0
34	13	27.57	39 11.8	23.42	2	+ 9.42	2		38.37	5.64	u 1 55.1	0.1	— 0.1	8.1	
35	11	44.71	30 54.2	31.68	1	+ 18.22	10		38.37	3.70	i 10 12.1	0.7	0.0	8.0	
36	11	52.07	24 5.8	38.93	1	+ 18.26	16		38.36	10.47	e 17 0.3	1.2	— 0.3	8.0	
37	12	22 10.93	21 23.9	57.77	1	+ 18.26	19		38.37	18.39	e 19 42.0	1.4	— 0.3	8.0	
38	12	17.06	36 5.6	49 4.17	1	+ 18.14	5		38.38	14.76	u 5 1.3	0.4	— 0.3	8.0	
39	9.5	8.15	39 36.1	13.44	3	0.00	1	+ 0 ^s .01	38.38	4.45	u 1 30.8	0.1	0.0	8.0	
40	12	25.61	37 47.1	21.45	2	+ 9.42	3		38.38	9.79	u 3 19.8	0.2	— 0.1	8.0	
41	13	40.82	21 43.1	27.62	1	+ 18.29	19	1	38.37	4.29	a 19 22.9	1.4	— 0.3	7.9	
42	13	29.80	27 45.3	34.96	3	0.00	13	1	38.38	12.95	i 13 20.9	0.9	0.0	7.9	
43	11	58.60	34 38.0	45.70	1	+ 18.14	6	1	38.39	19.05	u 6 28.9	0.5	— 0.3	7.9	
44	13	47.61	36 12.2	52.86	3	0.00	5	1	38.39	14.43	u 4 54.6	0.3	0.0	7.9	
45	13	23 1.44	37 20.5	57.28	2	+ 9.42	4	1	38.39	11.09	u 3 46.4	0.3	— 0.1	7.9	
46	12	22 57.61	18 15.9	50 2.68	3	0.00	22	1	38.38	14.42	a 22 49.7	1.6	0.0	7.8	
47	11	23 18.00	18 58.9	13.54	2	+ 9.54	21	1	38.38	12.33	a 22 7.0	1.5	— 0.2	7.8	
48	10	27.88	27 4.2	14.83	1	+ 18.22	13	1	38.39	14.96	i 14 2.0	1.0	0.0	7.8	
49	12	10.14	30 27.4	24.95	4	— 9.61	10	1	38.39	18.19	o 10 39.1	0.7	0.0	7.8	
50	11.5	42.96	29 22.9	29.93	1	+ 18.22	11	1	38.39	8.18	i 11 43.6	0.8	0.0	7.7	
51*	8	39.57	17 57.7	44.64	3	0.00	22	1	38.38	15.32	a 23 8.0	1.6	0.0	7.7	
52	13	56.28	35 30.1	52.12	2	+ 9.42	5	1	38.40	16.50	u 5 36.8	0.4	— 0.1	7.8	
53	13	24 5.77	36 57.2	52.90	1	+ 18.14	4	1	38.40	12.25	u 4 10.1	0.3	— 0.3	7.7	
54*	9.5	19.83	34 20.3	51 6.90	1	+ 18.18	6	1	38.40	6.79	o 6 46.4	0.5	+ 0.1	7.7	
55	13	31.62	28 55.8	27.33	2	+ 9.48	12	1	38.40	9.51	i 12 10.7	0.9	0.0	7.6	
56	11	47.28	27 28.1	34.24	1	+ 18.22	13	1	38.40	13.80	i 13 38.3	1.0	0.0	7.6	
57	11	49.35	23 53.3	36.24	1	+ 18.26	16	1	38.40	11.10	e 17 13.2	1.2	— 0.3	7.6	
58	11	41.77	19 44.4	46.88	3	0.00	20	1	38.40	10.10	a 21 21.5	1.5	0.0	7.6	
59	12	56.00	38 35.2	51.88	2	+ 9.42	2	1	38.41	7.45	u 2 32.1	0.2	— 0.1	7.6	
		55.79	31.8	52 19.05	5	— 17.96	2	1		7.60	u 2 35.1	0.2	+ 0.3		
60	13	41.45	31 46.0	4.70	5	— 18.03	9	1	38.40	1.18	i 9 20.7	0.7	0.0	7.6	
61	11	25 40.11	28 18.0	27.10	1	+ 18.22	12	1	38.42	11.37	i 12 48.7	0.9	0.0	7.4	
62	12	43.73	28 35.8	30.72	1	+ 18.22	12	1	38.42	10.50	i 12 30.9	0.9	0.0	7.4	
63	12	52.67	35 14.1	39.80	1	+ 18.14	6	1	38.42	17.31	u 5 53.4	0.4	— 0.3	7.4	
64	10	26 6.14	36 52.2	53.30	1	+ 18.14	4	1	38.43	12.51	u 4 15.4	0.3	— 0.3	7.4	
65	12	5.77	33 48.9	53 1.58	2	+ 9.45	7	1	38.42	8.35	o 7 18.2	0.5	0.0	7.4	
66	13	12.43	18 23.4	8.00	2	+ 9.54	22	1	38.42	14.09	a 22 42.9	1.6	— 0.2	7.3	
67	13	25 54.22	20 39.5	17.44	5	— 18.10	20	1	38.41	7.40	a 20 26.4	1.4	+ 0.3	7.4	
68	12	26 25.51	33 26.5	30.78	3	0.00	7	1	38.43	9.45	o 7 40.7	0.5	0.0	7.3	
69*	9	45.13	34 34.0	32.23	1	+ 18.18	6	1	38.43	6.14	o 6 33.1	0.5	+ 0.1	7.3	
70	12.5	46.61	27 17.0	42.34	2	+ 9.48	13	1	38.43	14.36	i 13 49.7	1.0	0.0	7.3	
71	11	27 6.41	20 12.3	53.26	1	+ 18.29	20	1	38.43	8.77	a 20 54.3	1.5	— 0.3	7.2	
72	12.5	13.47	21 21.4	54 0.33	1	+ 18.29	19	1	38.43	5.39	a 19 45.3	1.4	— 0.3	7.2	
73	12	13.48	23 38.6	9.14	2	+ 9.51	17	1	38.43	11.84	e 17 28.3	1.2	— 0.2	7.1	
74	10.5	14.93	38 54.4	10.84	2	+ 9.42	2	1	38.44	6.53	u 2 13.3	0.2	— 0.1	7.2	
75	11	14.78	36 12.1	20.08	3	0.00	5	1	38.44	1.35	o 4 55.4	0.3	0.0	7.2	
76	11	16.07	36 49.9	21.38	3	0.00	4	1	38.44	12.62	u 4 17.6	0.3	0.0	7.2	
77	11	27.92	33 13.8	33.19	3	0.00	8	1	38.44	10.07	o 7 53.4	0.6	0.0	7.2	
78	11	33.91	35 40.9	39.22	3	0.00	5	1	38.45	16.00	u 5 26.6	0.4	0.0	7.1	
79	9	28 0.86	30 30.8	47.94	1	+ 18.18	10	1	38.45	18.05	o 10 36.3	0.7	+ 0.1	7.1	
80	10	27 25.19	26 39.2	57.40	3	0.00	14	1	38.44	16.22	i 14 27.7	1.0	0.0	7.1	
81	9	28 21.66	24 41.1	55 8.60	1	+ 18.26	16	1	38.45	8.79	e 16 26.0	1.2	— 0.3	7.0	
82	9	30.17	20 54.5	17.04	1	+ 18.29	19	1	38.44	6.72	a 20 12.5	1.4	— 0.3	6.9	
83	12	50.18	30 31.2	37.23	1	+ 18.22	10	1	38.46	4.88	i 10 36.2	0.7	0.0	6.9	
84	12	58.58	29 9.6	45.62	1	+ 18.22	11	1	38.46	8.87	i 11 57.7	0.8	0.0	6.9	
85	10	12 29 4.43	6 30 40.2	14 55 51.52	1	+ 18.18	0.10	0.01	38.46	17.60	o 10 27.1	0.7	+ 0.1	4 6.9	

ZONEN-BEOBACHTUNGEN.

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Refr. und Fadeneig.	Uhr-gang	Red.	Declino-graph	Faden	Dclgr. in Bogen-mass	Refr.	Faden-neigung	Red.
86	12.5	12 ^h 29 ^m 13.41	6° 37' 8".2	14 ⁿ 56 ^m 0.60	1	+18.14	0.04	0.01	38.46	11.75	u	3' 59".9	0.3	-0".3	4' 6".9
87	11	16.09	34 29.1	3.22	1	+18.18			38.46	6.40	o	6 38.4	0.5	+0.1	6.9
		16.63	26.2	39.90	5	-17.96				19.65	u	6 41.1	0.5	+0.3	
88	12.5	3.11	23 19.4	17.88	4	-9.58			38.45	12.77	e	17 47.3	1.2	+0.2	6.9
89	12.5	38.66	19 24.4	25.53	1	+18.29			38.46	11.14	a	21 42.7	1.5	-0.3	6.7
90	10.5	41.23	22 3.9	28.16	1	+18.26			38.46	16.50	e	19 3.4	1.3	-0.3	6.7
91	11	54.11	18 12.8	49.72	2	+9.54			38.46	14.64	a	22 54.1	1.6	-0.2	6.7
92	11.5	30 2.41	26 52.3	58.17	2	+9.48			38.47	15.60	i	14 15.0	1.0	0.0	6.7
93	9.5	9.40	34 20.2	57 5.28	2	+9.45			38.48	6.85	o	6 47.6	0.5	0.0	6.7
94	11	27.66	23 54.3	14.62	1	+18.26			38.47	11.10	e	17 13.2	1.2	-0.3	6.6
95	12	28.60	27 31.3	33.85	3	0.00			38.47	13.69	i	13 36.1	1.0	0.0	6.6
96	11	32.13	22 33.3	37.33	3	0.00			38.47	15.05	e	18 33.8	1.3	0.0	6.6
97	11	42.58	21 9.1	47.77	3	0.00			38.47	6.01	a	19 58.0	1.4	0.0	6.5
98	10	44.28	38 31.9	59.28	4	-9.63			38.48	7.65	u	2 36.2	0.2	+0.1	6.6
99	13	39.48	37 49.1	58 2.80	5	-17.96			38.48	9.74	u	3 18.8	0.2	+0.3	6.6
100	11	31 18.86	21 6.6	14.52	2	+9.54			38.48	6.15	a	20 0.8	1.4	-0.2	6.4
101	13	23.25	34 0.2	19.13	2	+9.45			38.49	7.84	o	7 7.8	0.5	0.0	6.5
102	10	34.17	19 50.0	21.07	1	+18.29			38.48	9.90	a	21 17.4	1.5	-0.3	6.4
103	11.5	36.03	29 1.4	31.83	2	+9.48			38.49	9.30	i	12 6.4	0.8	0.0	6.4
		36.42	28 58.0	59.73	5	-18.03				9.46	i	12 9.7	0.9	0.0	
104*	8	42.45	22 1.2	38.16	2	+9.51			38.49	16.64	e	19 6.3	1.3	-0.2	6.4
		42.28	21 59.8	47.50	3	0.00				16.70	e	19 7.5	1.3	0.0	
105	10.5	46.53	18 38.0	42.17	2	+9.54			38.48	13.42	a	22 29.2	1.6	-0.2	6.4
106	11.5	32 20.29	31 34.2	59 7.39	1	+18.22			38.50	1.82	i	9 33.8	0.7	0.0	6.3
107	13	24.28	36 28.0	11.47	1	+18.18			38.50	0.61	o	4 40.3	0.3	+0.1	6.3
108	13	23.81	20 55.5	19.48	2	+9.54			38.49	6.70	a	20 12.1	1.4	-0.2	6.2
109	13	36.48	22 11.2	32.17	2	+9.54			38.50	3.00	a	18 56.5	1.3	-0.2	6.2
110	12	58.21	23 58.5	45.20	1	+18.26			38.50	10.92	e	17 9.5	1.2	-0.3	6.1
		57.88	55.7	15 0 3.13	3	0.00				11.04	e	17 12.0	1.2	0.0	
111	11	33 7.96	30 47.6	14 59 55.10	1	+18.18			38.51	17.28	o	10 20.5	0.7	+0.1	6.1
112*	9	25.02	26 16.1	15 0 12.08	1	+18.22			38.51	17.40	i	14 51.8	1.0	0.0	6.1
113	12.5	25.68	34 10.0	21.62	2	+9.42			38.52	20.50	u	6 58.5	0.5	-0.1	6.1
114*	8	38.92	22 26.2	25.90	1	+18.26			38.51	15.44	e	18 41.8	1.3	-0.3	6.0
		39.07	25.9	34.80	2	+9.51				15.45	e	18 42.0	1.3	-0.2	
115	10	46.68	24 18.4	33.68	1	+18.26			38.51	9.95	e	16 49.7	1.2	-0.3	6.0
116	11	34 17.16	23 54.6	1 4.17	1	+18.26			38.52	11.12	e	17 13.6	1.2	-0.3	5.9
117	12	19.14	25 57.8	6.17	1	+18.26			38.52	5.09	e	15 10.5	1.1	-0.3	5.9
118	12	24.40	27 33.9	11.48	1	+18.22			38.52	13.60	i	13 34.2	1.0	0.0	5.9
119*	9	29.59	29 44.7	16.70	1	+18.22			38.53	7.20	i	11 23.6	0.8	0.0	5.9
120	12.5	10.88	24 46.1	25.72	4	-9.58			38.52	8.58	e	16 21.7	1.1	+0.2	5.9
121	10.5	42.49	31 0.5	29.60	1	+18.22			38.53	3.50	i	10 8.0	0.7	0.0	5.8
122	11	33.40	22 43.4	38.64	3	0.00			38.52	1.43	a	18 24.5	1.3	0.0	5.8
123	12	41.86	22 22.6	47.10	3	0.00			38.52	2.45	a	18 45.3	1.3	0.0	5.8
124	12.5	35 37.40	28 47.8	2 24.50	1	+18.22			38.54	10.00	i	12 20.7	0.9	0.0	5.6
125	12.5	39.29	37 4.1	35.28	2	+9.42			38.55	12.00	u	4 5.0	0.3	-0.1	5.7
126	12	36 9.54	29 36.8	56.66	1	+18.22			38.55	7.61	i	11 31.9	0.8	0.0	5.5
127	11	17.38	20 9.3	3 4.33	1	+18.29			38.54	9.00	a	20 59.0	1.5	-0.3	5.5
128*	9	23.15	19 55.3	10.10	1	+18.29			38.54	9.69	a	21 13.1	1.5	-0.3	5.4
129	9.5	10.67	31 45.0	16.03	3	0.00			38.55	14.50	o	9 23.8	0.7	0.0	5.5
130	12	14.82	34 1.0	20.20	3	0.00			38.55	7.85	o	7 8.0	0.5	0.0	5.5
131	12	12.20	37 21.3	27.25	4	-9.63			38.56	11.16	u	3 47.8	0.3	+0.1	5.5
132	12	23.45	34 26.3	28.84	3	0.00			38.55	6.61	o	6 42.7	0.5	0.0	5.5
133	11	12 36 28.81	6 31 28.9	15 3 34.17	3	0.00			38.55	15.29	o	9 39.9	0.7	0.0	4 5.5
		29.26	33.1	52.62	5	-18.00	0.09	0.02		15.09	o	9 35.8	0.7	-0.1	

1902ANSWi...15...LP

Nr.	Größe	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Dclgr. in Bogen-mass	Ref.	Faden-neigung	Red.	
134	9.5	12 ^h 36 ^m 27 ^s .15	— 6°18'11"5	15 ^h 3 ^m 41 ^s .93	4	— 9 ^s .56	0 ^s .22	+	—	38 ^s .54	14 ^r .75	a	22'56"4	1 ^r .6	+	4'5"4
135	11.5	52.66	19 18.0	48.35	2	+ 9.54	21	—	2	38.54	11.51	a	21 50.3	1.5	—	5.4
136	11	53.85	32 36.4	59.23	3	0.00	8	—	2	38.56	11.99	o	8 32.6	0.6	0.0	5.4
137	11	46.37	28 36.5	4 1.30	4	— 9.60	12	—	2	38.55	10.56	i	12 32.2	0.9	0.0	5.4
138	11.5	37 27.69	23 32.0	14.72	1	+18.26	17	—	2	38.56	12.26	e	17 36.9	1.2	—	5.2
		27.91	35.0	42.78	4	— 9.58	17	—	2		12.09	e	17 33.4	1.2	+0.2	
139	11	22.24	31 2.3	27.60	3	0.00	10	—	2	38.56	16.60	o	10 6.7	0.7	0.0	5.3
140*	9	34.33	35 6.5	30.32	2	+ 9.42	6	—	2	38.57	17.78	u	6 2.9	0.4	—	5.3
141	11.5	21.87	20 41.5	45.22	5	—18.10	20	—	2	38.55	7.41	a	20 26.6	1.4	+0.3	5.2
142	12	29.19	22 38.5	52.54	5	—18.07	18	—	2	38.56	14.85	e	18 29.7	1.3	+0.3	5.2
143	11	58.71	29 43.5	54.59	2	+ 9.48	11	—	2	38.57	7.30	i	11 25.6	0.8	0.0	5.1
144	12	48.34	37 26.9	5 3.40	4	— 9.63	4	—	2	38.57	10.90	u	3 42.5	0.3	+0.1	5.2
145	11	38 22.85	18 18.3	18.55	2	+ 9.54	22	—	2	38.56	14.45	a	22 50.3	1.6	—	5.0
146	11	29.83	23 7.1	25.62	2	+ 9.51	17	—	2	38.57	13.48	e	18 1.8	1.3	—	5.0
147	13	36.11	29 21.7	32.00	2	+ 9.48	11	—	2	38.58	8.37	i	11 47.5	0.8	0.0	5.0
148	12	55.78	32 48.6	43.00	1	+18.18	8	—	2	38.58	11.41	o	8 20.7	0.6	+0.1	5.0
149	10.5	39 2.34	33 53.9	49.58	1	+18.18	7	—	2	38.59	8.22	o	7 15.6	0.5	+0.1	4.9
150	11	9.69	34 8.8	56.93	1	+18.18	7	—	2	38.59	7.49	o	7 0.7	0.5	+0.1	4.9
151	12	38 56.80	27 1.2	6 11.73	4	— 9.58	13	—	2	38.58	2.01	e	14 7.6	1.0	+0.2	5.0
152	11	39 30.77	26 6.2	17.85	1	+18.26	14	—	2	38.58	4.73	e	15 3.2	1.1	—	4.8
153	11	33.91	34 5.0	21.15	1	+18.18	7	—	2	38.59	7.68	o	7 4.6	0.5	+0.1	4.8
154	11	55.90	37 32.1	43.23	1	+18.14	3	—	2	38.60	10.69	u	3 38.2	0.3	—	4.7
155	10	12 39 56.35	— 6 37 41.2	15 6 52.40	2	+ 9.42	0.03	0.02	—	38.60	10.24	u	3 29.0	0.2	—	4 4.7

- 1 A. G.; Ll. 23181; Piazzì 63; Weisse 253; Münch. I. 7986; 54 A. G.; Münch. I. 8154; Münch. II. 4471.
 Rümk. 3939; A. N. 69, 72; Yarn. 5258; 69 A. G.; Weisse 426 (— 10^s); Münch. II. 4488.
 Quet. 5065; Paris 15155; Cord. G. C. 16881; 104 A. G.
 4 Karlsru. M.-B. 112 Küstn. 415.
 2 A. G.; Münch. I. 7992; Münch. II. 4405. 114 A. G.; Tayl. 5678; A. N. 94, 309.
 24 A. G.; Ll. 23259; Weisse 297; Cambr. 1860; Paris 15234; 119 A. G.
 3 Karlsru. M.-B. 128 A. N. 105, 382.
 51 A. G.; wie Nr. 47 von Zone 45. 140 A. G.; Weisse 613; Cambr. 1856; Münch. II. 4572.

Zone 47: 1887, Mai 17.

Nr.	Größe	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Dclgr. in Bogen-mass	Ref.	Faden-neigung	Red.	
1*	7	12 ^h 16 ^m 43 ^s .67	— 6°36'20"6	13 ^h 22 ^m 33 ^s .13	3	0 ^s .00	0 ^s .16	—	—	38 ^s .29	12 ^r .90	a	22'18"6	1 ^r .2	+	4'8"7
2	11	50.71	37 16.7	49.74	4	— 9.56	15	—	—	38.29	10.15	a	21 22.5	1.1	+0.1	8.7
3	9	17 17.91	37 47.1	23 7.40	3	0.00	15	0 ^s .01	—	38.30	8.67	a	20 52.3	1.1	0.0	8.6
4	12	28.05	37 28.3	8.00	2	+ 9.54	15	—	1	38.30	9.60	a	21 11.3	1.1	—	8.6
5	11	44.65	50 12.9	16.05	1	+18.19	6	—	1	38.31	11.72	o	8 27.0	0.5	+0.1	8.6
		44.67	9.1	34.26	3	0.00	6	—	1		11.91	o	8 30.9	0.5	0.0	
6	9	33.02	48 48.7	22.60	3	0.00	7	—	1	38.31	15.85	o	9 51.3	0.5	0.0	8.6
7	12	38.04	53 43.2	27.65	3	0.00	4	—	1	38.31	14.55	u	4 57.0	0.3	0.0	8.6
8	11	56.49	55 41.7	46.13	3	0.00	2	—	1	38.32	8.75	u	2 58.6	0.2	0.0	8.6
9	10	18 17.83	45 45.5	49.18	1	+18.22	9	—	1	38.32	11.65	i	12 54.4	0.7	0.0	8.5
10	11	17 57.74	50 21.8	56.94	4	— 9.61	6	—	1	38.31	11.29	o	8 18.3	0.4	0.0	8.6
11	11	18 23.06	35 32.4	24 3.00	2	+ 9.54	17	—	1	38.31	15.28	a	23 7.2	1.2	—	8.5
12	13	33.22	37 26.4	13.20	2	+ 9.54	15	—	2	38.32	9.70	a	21 13.3	1.1	—	8.5
13	13	12 18 48.61	— 6 46 2.9	13 24 19.97	1	+18.22	0.09	0.02	—	38.32	10.80	i	12 37.1	0.7	0.0	4 8.4

ZONEN-BEOBACHTUNGEN.

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden-Interv.	Ref. und Fadenmeig.	Uhr-gang	Red.	Declino-graph	Faden	Dclgr. in Bogen-mass	Refr.	Faden-neigung	Red.
14*	9	12 ⁿ 18 ^m 43 ^s .73	6° 51' 41".3	13 ^h 24 ^m 23 ^s .90	2	+ 9 ^s .45	0 ^s .05	0 ^s .02	38 ^s .32	7 ^r .40	o	6' 58".9	0 ^s .4	4' 8".5
15	13	40.03	53 48.9	29.67	3	0.00	4	2	38.33	1.40	o	4 56.4	0.3	8.5
16	11	19 3.37	46 12.7	34.74	1	+18.22	9	2	38.33	10.32	i	12 27.3	0.7	8.4
17	11	18 54.36	47 31.2	43.95	3	0.00	8	2	38.32	6.48	i	11 8.9	0.6	8.4
18*	8	19 10.24	55 13.2	50.48	2	+ 9.42	2	2	38.33	10.16	u	3 27.4	0.2	8.4
19	10.5	27.12	37 44.0	58.35	1	+18.30	15	2	38.33	8.85	a	20 56.0	1.1	8.3
20	10	12.30	35 30.8	25 1.80	3	0.00	17	2	38.32	15.40	a	23 9.7	1.2	8.4
21	11	28.47	52 58.4	8.71	2	+ 9.42	4	3	38.34	16.76	u	5 42.1	0.3	8.4
22	11	33.62	40 8.2	13.67	2	+ 9.51	13	3	38.33	14.94	e	18 31.6	1.0	8.3
23	13	42.90	39 0.5	22.94	2	+ 9.51	14	3	38.33	18.27	e	19 39.5	1.0	8.3
		42.92	8.3	50.58	5	-18.11	14	3		4.70	a	19 31.2	1.0	8.3
24*	8	52.67	38 16.6	32.67	2	+ 9.54	15	3	38.33	7.25	a	20 23.3	1.1	8.3
25	12	20 6.37	54 57.2	37.90	1	+18.15	3	3	38.35	10.96	u	3 43.7	0.2	8.3
		5.76	59.8	26 13.42	5	-17.97	3	4		10.80	u	3 40.5	0.2	8.3
26	13	19 58.84	51 53.6	25 58.10	4	- 9.61	5	3	38.34	6.81	o	6 46.8	0.4	8.3
27	12	20 25.42	37 56.3	26 5.45	2	+ 9.54	15	4	38.35	8.25	a	20 43.7	1.1	8.2
28	11	27.73	51 17.3	7.95	2	+ 9.45	5	4	38.35	8.59	o	7 23.1	0.4	8.3
29	13	40.11	54 33.7	29.80	3	0.00	3	4	38.35	12.10	u	4 7.0	0.2	8.2
30	12	21 11.22	46 11.4	42.64	1	+18.22	9	4	38.36	10.40	i	12 28.9	0.7	8.1
31*	9	15.35	53 19.7	46.85	1	+18.19	4	4	38.36	2.60	o	5 20.9	0.3	8.1
32	12	16.69	53 50.9	56.93	2	+ 9.45	4	4	38.36	1.08	o	4 49.8	0.3	8.1
33	13	28.01	39 6.6	59.30	1	+18.30	14	4	38.36	4.82	a	19 33.7	1.0	8.1
34*	8	33.35	52 31.6	27 4.86	1	+18.19	4	5	38.36	4.96	o	6 9.0	0.3	8.1
		33.50	33.7	23.20	3	0.00	4	5		4.86	o	6 7.0	0.3	8.1
35	12.5	42.46	40 6.9	13.77	1	+18.30	13	5	38.36	1.87	a	18 33.5	1.0	8.0
36	12	22 17.21	36 7.1	28 6.80	3	0.00	16	6	38.36	13.60	a	22 32.9	1.2	7.9
37	11	28.73	48 46.6	8.97	2	+ 9.45	7	6	38.37	15.98	o	9 54.0	0.5	8.0
38	12	34.22	48 21.8	14.47	2	+ 9.45	7	6	38.38	17.20	o	10 18.9	0.5	7.9
39	12	46.74	51 14.7	18.27	1	+18.19	5	6	38.38	8.73	o	7 26.0	0.4	7.9
40	11	44.67	50 16.6	24.93	2	+ 9.45	6	6	38.38	11.58	o	8 24.2	0.4	7.9
41	12	59.09	48 18.3	30.60	1	+18.19	7	6	38.38	17.36	o	10 22.2	0.6	7.9
42	13	48.37	36 14.3	37.97	3	0.00	16	6	38.37	13.25	a	22 25.8	1.2	7.8
43	13	23 1.35	37 15.7	41.42	2	+ 9.54	15	6	38.37	10.25	a	21 24.5	1.1	7.8
44	11	21.03	49 32.4	52.55	1	+18.19	7	6	38.39	13.74	o	9 8.3	0.5	7.8
45	13	15.64	55 4.4	55.97	2	+ 9.42	3	6	38.39	10.62	u	3 36.8	0.2	7.8
46	12.5	34.30	52 24.7	29 5.85	1	+18.19	5	7	38.39	5.31	o	6 16.2	0.3	7.8
47	13	18.98	50 34.3	18.32	4	- 9.61	6	7	38.39	10.72	o	8 6.6	0.4	7.8
48	11	24 6.13	50 54.9	37.68	1	+18.19	6	7	38.40	9.71	o	7 46.0	0.4	7.7
49	9.5	8.46	41 34.1	39.87	1	+18.26	12	7	38.39	10.78	e	17 6.7	0.9	7.7
50	13	6.51	36 45.5	46.60	2	+ 9.54	16	7	38.39	11.74	a	21 54.9	1.2	7.7
		6.47	52.3	30 5.67	4	- 9.56	16	8		11.39	a	21 47.8	1.2	7.7
51	13	12.18	54 33.9	29 52.53	2	+ 9.42	3	7	38.40	12.12	u	4 7.4	0.2	7.7
52	12	16.19	50 54.8	56.48	2	+ 9.45	6	7	38.40	9.72	o	7 46.2	0.4	7.7
53	13	37.07	41 20.5	30 17.25	2	+ 9.51	12	8	38.40	11.45	e	17 20.3	0.9	7.6
54	13	43.11	39 12.7	23.25	2	+ 9.54	13	8	38.40	4.53	a	19 27.8	1.0	7.6
55	12	55.94	38 22.8	27.30	1	+18.30	15	8	38.40	6.99	a	20 18.0	1.1	7.5
56	12	25 10.45	42 52.0	41.90	1	+18.26	11	8	38.41	6.98	e	15 49.1	0.8	7.5
57	11.5	30.69	57 16.3	31 11.10	2	+ 9.42	1	9	38.42	4.18	u	1 25.3	0.1	7.5
58	11	51.92	39 59.0	23.32	1	+18.30	13	9	38.41	2.29	a	18 42.0	1.0	7.4
59	12.5	49.44	56 26.9	29.84	2	+ 9.42	2	9	38.42	6.60	u	2 14.7	0.1	7.5
60	13	26 6.28	42 12.6	37.74	1	+18.26	12	9	38.42	8.91	e	16 28.5	0.9	7.4
61	10	6.57	36 49.1	46.70	2	+ 9.54	16	9	38.41	11.58	a	21 51.7	1.2	7.3
62	12	8.32	50 23.9	58.10	3	0.00	6	9	38.42	11.25	o	8 17.4	0.4	7.4
63	10.5	12 26 36.99	6 55 38.2	13 32 8.68	1	+18.15	0.02	0.10	38.43	9.00	u	3 3.7	0.2	4 7.3

1902ANSWi...6....1P

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadennöig.	Uhr-gang	Red.	Declino-graph	Faden	Dclgr. in Bogen-mass	Ref.	Faden-nei-gung	Red.
64	11	12 ^h 26 ^m 39 ^s .83	— 6° 48' 57".8	13 ^h 32 ^m 11 ^s .40	1	+18 ^s .22	0 ^s .07	0 ^s .10	38 ^s .43	2 ^r .30	i	9' 43".5	0".5	0".0	4' 7".3
65	13	27.91	48 35.3	17.70	3	0.00	7	10	38.43	3.40	i	10 6.0	0.5	0.0	7.3
66	12	41.91	42 58.9	22.15	2	+ 9.51	11	10	38.43	6.65	e	15 42.3	0.8	—0.2	7.3
67	13	27 0.72	38 52.0	40.90	2	+ 9.54	14	10	38.43	5.57	a	19 49.0	1.1	—0.2	7.2
68	12	26 49.66	48 18.0	49.05	4	— 9.60	7	10	38.43	4.24	i	10 23.2	0.6	0.0	7.3
69	10	27 20.29	52 9.6	51.92	1	+18.19	5	10	38.44	6.08	o	6 31.9	0.3	+0.1	7.2
70	12	9.05	56 25.2	58.90	3	0.00	2	10	38.44	6.69	u	2 16.6	0.1	0.0	7.2
71	12	19.85	45 51.9	33 0.15	2	+ 9.48	9	10	38.44	11.40	i	12 49.3	0.7	0.0	7.2
72	10.5	15.05	38 57.1	4.77	3	0.00	14	10	38.43	5.31	a	19 43.7	1.1	0.0	7.2
73	11	16.53	36 49.3	15.80	4	— 9.56	16	11	38.43	11.56	a	21 51.3	1.2	+0.1	7.2
74	11	14.74	36 10.5	22.56	5	—18.11	16	11	38.43	13.45	a	22 29.9	1.2	+0.3	7.2
75	11	33.94	35 42.9	33.20	4	— 9.56	17	11	38.43	14.82	a	22 57.8	1.2	+0.1	7.1
76	13	27 52.88	50 17.6	52.32	4	— 9.61	6	11	38.45	11.57	o	8 24.0	0.4	0.0	7.1
77	12	52.63	56 33.8	34 0.47	5	—17.97	2	11	38.45	6.26	u	2 7.8	0.1	+0.3	7.1
78	13	28 52.86	51 24.7	24.53	1	+18.19	5	12	38.46	8.29	o	7 17.0	0.4	+0.1	6.9
79	13	57.79	39 4.5	29.25	1	+18.30	14	12	38.45	4.98	a	19 37.0	1.0	—0.3	6.9
80	13	40.28	39 22.1	39.60	4	— 9.56	14	12	38.45	4.10	a	19 19.0	1.0	+0.1	6.9
81	12.5	29 13.44	37 4.2	44.88	1	+18.30	16	12	38.45	10.87	a	21 37.2	1.2	—0.3	6.8
82*	8	18.01	45 31.1	49.61	1	+18.22	9	12	38.46	12.44	i	13 10.5	0.7	0.0	6.8
		18.13	30.7	58.47	2	+ 9.48	9	12		12.46	i	13 10.9	0.7	0.0	
83	11	22.23	43 19.9	53.77	1	+18.26	11	12	38.46	5.65	e	15 21.9	0.8	—0.3	6.8
84	13	16.08	38 39.9	35 15.42	4	— 9.56	14	13	38.46	6.17	a	20 1.2	1.1	+0.1	6.8
85	10	30 3.67	50 10.1	35.35	1	+18.19	6	13	38.47	11.95	o	8 31.7	0.5	+0.1	6.7
86	13	29 57.02	42 13.2	46.83	3	0.00	12	13	38.47	8.90	e	16 28.3	0.9	0.0	6.7
87	11	30 17.78	41 18.5	49.32	1	+18.26	13	13	38.47	11.60	e	17 23.4	0.9	—0.3	6.6
88	12.5	23.03	56 2.4	54.80	1	+18.15	2	13	38.48	7.85	u	2 40.2	0.1	—0.3	6.7
89	10	27.08	47 50.0	58.72	1	+18.22	8	13	38.48	5.65	i	10 51.9	0.6	0.0	6.6
90	13	26.31	50 51.1	36 6.75	2	+ 9.45	6	14	38.48	9.95	o	7 50.9	0.4	0.0	6.7
91	10	36.83	51 24.6	8.54	1	+18.19	5	14	38.48	8.31	o	7 17.4	0.4	+0.1	6.6
92	13	28.17	52 21.8	18.07	3	0.00	5	14	38.48	5.51	o	6 20.3	0.3	0.0	6.7
93	12	39.65	37 29.3	19.90	2	+ 9.54	15	14	38.47	9.65	a	21 12.3	1.1	—0.2	6.6
94	10	44.37	38 35.2	24.63	2	+ 9.54	14	14	38.47	6.42	a	20 6.4	1.1	—0.2	6.6
95	12	48.39	37 22.7	28.64	2	+ 9.54	15	14	38.47	9.98	a	21 19.0	1.1	—0.2	6.5
96	10.5	31 1.62	42 52.6	33.20	1	+18.26	11	14	38.48	7.00	e	15 49.5	0.8	—0.3	6.5
97	13	4.40	39 14.6	44.67	2	+ 9.54	14	14	38.48	4.50	a	19 27.2	1.0	—0.2	6.5
98	13	30 54.00	38 51.0	53.37	4	— 9.56	14	14	38.48	5.64	a	19 50.4	1.1	+0.1	6.5
99	10	31 31.51	48 1.1	37 3.17	1	+18.22	8	14	38.49	5.11	i	10 40.9	0.6	0.0	6.5
100	13	44.21	39 12.2	15.74	1	+18.30	14	15	38.49	4.63	a	19 29.8	1.0	—0.3	6.4
101	10	48.06	54 19.9	19.86	1	+18.15	3	15	38.50	12.88	u	4 22.9	0.2	—0.3	6.4
		48.07		28.60	2	+ 9.42	3	15			u				
102	12	57.11	44 30.3	37.50	2	+ 9.48	10	15	38.49	15.43	i	14 11.6	0.8	0.0	6.4
103	12	32 6.04	38 28.0	46.32	2	+ 9.54	15	15	38.49	6.79	a	20 13.9	1.1	—0.2	6.3
104	10	11.23	49 51.8	51.70	2	+ 9.45	6	15	38.50	12.87	o	8 50.5	0.5	0.0	6.3
105	13	24.34	36 21.4	55.85	1	+18.30	16	15	38.49	12.99	a	22 20.5	1.2	—0.3	6.3
106	12	25.33	37 2.9	38 15.15	3	0.00	16	16	38.49	10.95	a	21 38.8	1.2	0.0	6.2
107	12	48.22	41 3.2	19.82	1	+18.26	13	16	38.50	12.37	e	17 39.1	0.9	—0.3	6.2
108	12	43.10	40 33.8	23.45	2	+ 9.51	13	16	38.50	13.80	e	18 8.3	1.0	—0.2	6.2
109	11.5	49.73	47 33.0	30.20	2	+ 9.45	8	16	38.51	19.67	o	11 9.3	0.6	0.0	6.2
110	12	33 1.87	45 40.6	33.56	1	+18.22	9	16	38.51	12.00	i	13 1.6	0.7	0.0	6.2
111	9	32 58.54	39 58.1	38.90	2	+ 9.51	13	16	38.51	15.55	e	18 44.0	1.0	—0.2	6.2
112	10	33 4.45	40 6.8	44.80	2	+ 9.51	13	16	38.50	15.13	e	18 35.4	1.0	—0.2	6.1
113	12	20.94	50 57.3	52.70	1	+18.19	6	16	38.52	9.67	o	7 45.2	0.4	+0.1	6.1
114	13	17.05	53 25.0	57.60	2	+ 9.42	4	16	38.52	15.57	u	5 17.8	0.3	—0.1	6.1
115	13	12 33 35.92	— 6 38 15.9	13 39 7.48	1	+18.30	0.15	0.17	38.51	7.40	a	20 26.4	1.1	—0.3	4 6.0

ZONEN-BEOBACHTUNGEN.

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Refr. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Dclgr. in Bogen-mass	Refr.	Faden-neigung	Red.
116	12	12 ^h 33 ^m 50 ^s .73	6°48'47".8	13 ^h 39 ^m 22 ^s .46	1	+18.22	0.07	0.17	38.52	2.85	i	9'54".8	0.5	0.0	4' 6.0
117	12	52.34	44 59.2	24.00	1	+18.26	10	17	38.52	0.83	e	13 43.5	0.7	-0.3	6.0
118	11	34 27.63	44 17.9	59.30	1	+18.26	10	17	38.53	2.85	e	14 24.8	0.8	-0.3	5.9
119	12	28.46	47 13.3	40 8.94	2	+9.48	8	18	38.53	7.48	i	11 29.3	0.6	0.0	5.9
120	12.5	32.15	56 48.1	12.77	2	+9.42	1	18	38.54	5.64	u	1 55.1	0.1	-0.1	5.9
121	13	41.50	49 42.7	22.03	2	+9.45	6	18	38.53	13.34	o	9 0.1	0.5	0.0	5.8
122	13	40.90	45 38.8	30.85	3	0.00	9	18	38.53	12.11	i	13 3.8	0.7	0.0	5.8
123	12.5	51.50	45 21.7	31.96	2	+9.48	10	18	38.53	12.95	i	13 20.9	0.7	0.0	5.8
124*	9	56.14	41 51.9	36.55	2	+9.51	12	18	38.53	10.00	e	16 50.7	0.9	-0.2	5.8
125	9.5	35 2.29	55 24.8	42.90	2	+9.42	2	18	38.54	9.72	u	3 18.4	0.2	-0.1	5.8
126	11.5	1.18	47 11.0	51.15	3	0.00	8	18	38.54	7.60	i	11 31.7	0.6	0.0	5.8
127	10	11.37	44 31.2	51.84	2	+9.48	10	18	38.54	15.42	i	14 11.4	0.8	0.0	5.7
128	10	17.41	45 19.9	57.88	2	+9.48	10	18	38.54	13.04	i	13 22.8	0.7	0.0	5.7
129*	7	29.81	48 46.1	41 1.60	1	+18.19	7	18	38.54	16.11	o	9 56.7	0.5	+0.1	5.7
		29.81	46.1	19.80	3	0.00	7	19		2.95	i	9 56.8	0.5	0.0	
130	10	37.59	42 46.4	9.28	1	+18.26	11	19	38.54	7.35	e	15 56.6	0.8	-0.3	5.6
131	12.5	39.34	36 59.4	29.24	3	0.00	16	19	38.54	11.15	a	21 42.9	1.2	0.0	5.6
132	10	51.49	54 25.0	32.11	2	+9.42	3	19	38.55	12.66	u	4 18.4	0.2	-0.1	5.6
133	9	57.66	55 27.2	38.30	2	+9.42	2	19	38.56	9.61	u	3 16.2	0.2	-0.1	5.6
134	12	53.94	56 28.9	44.00	3	0.00	2	19	38.56	6.59	u	2 14.5	0.1	0.0	5.6
135	11	58.87	47 52.6	48.86	3	0.00	8	19	38.55	5.57	i	10 50.3	0.6	0.0	5.6
136	12	36 12.23	37 29.4	52.60	2	+9.54	15	19	38.54	9.70	a	21 13.3	1.1	-0.2	5.5
137	12	16.86	38 23.1	57.23	2	+9.54	15	19	38.54	7.07	a	20 19.6	1.1	-0.2	5.5
138	11	30.22	47 59.0	42 2.00	1	+18.22	8	19	38.56	5.26	i	10 44.0	0.6	0.0	5.5
139	13	34.50	50 24.2	6.33	1	+18.19	6	19	38.56	11.32	o	8 18.9	0.4	+0.1	5.5
140	11	48.78	43 2.7	20.50	1	+18.26	11	20	38.56	6.56	e	15 40.5	0.8	-0.3	5.4
141	10	55.59	51 48.2	27.45	1	+18.19	5	20	38.57	7.21	o	6 55.0	0.4	+0.1	5.4
142	13	57.81	54 25.2	29.73	1	+18.15	3	20	38.57	12.67	u	4 18.6	0.2	-0.3	5.4
143	12	37 0.01	37 58.4	40.40	2	+9.54	15	20	38.55	8.29	a	20 44.5	1.1	-0.2	5.3
144	11	1.14	39 34.5	41.57	2	+9.51	14	20	38.55	16.75	e	19 8.5	1.0	-0.2	5.3
145	11	6.97	42 47.5	47.47	2	+9.48	11	20	38.56	20.52	i	15 55.5	0.8	0.0	5.3
146	13	14.17	49 18.5	54.75	2	+9.45	7	20	38.57	14.55	o	9 24.8	0.5	0.0	5.3
147	12	7.94	49 31.6	57.97	3	0.00	7	20	38.57	13.91	o	9 11.7	0.5	0.0	5.3
148	12	48.19	37 22.5	43 19.84	1	+18.30	15	21	38.56	10.06	a	21 20.7	1.1	-0.3	5.1
149	10.5	52.49	48 3.4	24.30	1	+18.22	8	21	38.57	5.06	i	10 39.9	0.6	0.0	5.2
150	13	51.59	56 15.7	32.27	2	+9.42	2	21	38.58	7.26	u	2 28.2	0.1	-0.1	5.2
151	13	38 4.90	46 50.4	36.70	1	+18.22	9	21	38.57	8.64	i	11 53.0	0.6	0.0	5.1
152	13	13.51	43 45.7	45.25	1	+18.26	11	21	38.57	4.47	e	14 57.8	0.8	-0.3	5.1
153	11.5	25.94	53 52.7	57.85	1	+18.19	3	21	38.59	1.13	o	4 50.9	0.3	+0.1	5.1
154	10.5	47.39	54 43.3	44 19.35	1	+18.15	3	22	38.59	11.80	u	4 0.9	0.2	-0.3	5.0
155	12	48.47	47 39.1	20.30	1	+18.22	8	22	38.58	6.26	i	11 4.4	0.6	0.0	5.0
156	13	45.65	48 56.4	26.23	2	+9.48	7	22	38.58	2.48	i	9 47.2	0.5	0.0	5.0
157	12	39 1.99	46 14.6	45 1.64	4	-9.60	9	22	38.59	10.40	i	12 28.9	0.7	0.0	4.9
158	12	4.12	52 25.4	12.22	5	-18.00	5	23	38.59	5.43	o	6 18.6	0.3	-0.1	4.9
159	12	17.14	38 40.8	16.70	4	-9.56	14	23	38.58	6.22	a	20 2.3	1.1	+0.1	4.8
160	10	38.62	44 24.2	28.67	3	0.00	10	23	38.59	2.58	e	14 19.3	0.8	0.0	4.8
161	10.5	37.65	56 40.8	37.43	4	-9.63	1	23	38.60	6.04	u	2 3.3	0.1	+0.1	4.8
162	13	34.86	45 29.8	42.95	5	-18.04	10	23	38.59	12.60	i	13 13.8	0.7	0.0	4.8
163	10	56.56	37 44.3	46.56	3	0.00	15	23	38.59	9.00	a	20 59.0	1.1	0.0	4.7
164	12	40 13.03	54 4.0	53.75	2	+9.42	3	23	38.61	13.73	u	4 40.3	0.2	-0.1	4.7
165	10	30.21	45 56.3	46 2.06	1	+18.22	9	23	38.60	11.31	i	12 47.5	0.7	0.0	4.6
166	13	50.20	46 49.4	22.07	1	+18.22	9	24	38.61	8.72	i	11 54.6	0.6	0.0	4.5
167	13	27.58	46 18.2	27.26	4	-9.60	9	24	38.60	10.24	i	12 25.6	0.7	0.0	4.6
168	9.5	12 40 56.07	6 37 16.2	13 46 36.55	2	+9.54	0.15	0.24	38.60	10.40	a	21 27.6	1.1	-0.2	4 4.4

Nr.	Größe	α 1875.0	δ 1875.0	Uhrzeit	Faden- Interv.	Ref. und Fadenneig.	Uhr- gang	Red.	Declino- graph	Faden	Delgr. in Bogen- mass	Ref.	Faden- neigung	Red.	
4	9	12 ^h 17 ^m 17 ^s .80	— 6° 37' 47" 0	13 ^h 37 ^m 15 ^s .48	2	+ 9 ^s .54	0 ^s .14	—	38 ^s .27	5 ^r .11	a	19' 39".6	1' 0	— 0".2	4' 8".5
5	12	28.27	37 23.7	17.19	1	+18.30	15	38.28	6.25	a	20 2.9	1.1	— 0.3	8.5	
6	13	17.02	50 54.7	24.34	3	0.00	5	38.28	6.10	o	6 32.3	0.3	0.0	8.6	
7	9	33.01	48 51.1	30.87	2	+ 9.45	6	38.28	12.15	o	8 35.8	0.5	0.0	8.5	
8	13	29.58	51 38.5	36.91	3	0.00	4	38.28	3.96	o	5 48.6	0.3	0.0	8.5	
9	12	37.88	53 43.1	45.23	3	0.00	3	38.29	10.98	u	3 44.1	0.2	0.0	8.5	
10	11	44.62	50 16.7	51.95	3	0.00	5	38.29	7.96	o	7 10.3	0.4	0.0	8.5	
11	12	39.18	40 6.0	56.00	4	— 9.58	13	38.28	11.45	e	17 20.3	0.9	+ 0.2	8.5	
12	11	56.69	55 45.8	38 4.06	3	0.00	1	38.29	4.97	u	1 41.5	0.1	0.0	8.5	
13	10	18 17.67	45 45.0	6.74	1	+18.22	9	38.29	8.10	i	11 41.9	0.6	0.0	8.4	
14	12	17 51.87	40 21.4	17.18	5	— 18.07	13	38.28	10.69	e	17 4.8	0.9	+ 0.3	8.5	
15	11	18 23.02	35 25.2	20.70	2	+ 9.54	16	38.29	12.05	a	22 1.3	1.2	— 0.2	8.4	
16	12.5	5.21	51 3.5	30.54	5	— 18.00	5	38.29	5.68	o	6 23.7	0.3	— 0.1	8.5	
17*	9	43.80	51 43.6	32.96	1	+18.19	4	38.30	3.71	o	5 43.5	0.3	+ 0.1	8.4	
18	13	40.23	53 41.8	38.17	2	+ 9.42	3	38.30	11.05	u	3 45.6	0.2	— 0.1	8.4	
19	13	33.31	37 20.9	50.10	4	— 9.56	15	38.29	6.38	a	20 5.5	1.1	+ 0.1	8.3	
20	11	54.41	47 32.5	39 1.73	3	0.00	7	38.30	2.84	i	9 54.6	0.5	0.0	8.3	
21*	8	19 10.08	55 14.5	8.04	2	+ 9.42	2	38.31	6.52	u	2 13.1	0.1	— 0.1	8.3	
22	10	12.10	35 25.2	19.33	3	0.00	16	38.30	12.05	a	22 1.3	1.2	0.0	8.2	
23	12	4.32	38 31.5	21.15	4	— 9.58	14	38.30	16.08	e	18 54.8	1.0	+ 0.2	8.4	
24	11	28.72	52 59.9	26.67	2	+ 9.42	3	38.31	13.11	u	4 27.6	0.2	— 0.1	8.3	
25	11	33.47	40 10.8	31.23	2	+ 9.51	13	38.31	11.25	e	17 16.2	0.9	— 0.2	8.2	
26	10.5	26.99	37 47.6	43.80	4	— 9.56	14	38.30	5.08	a	19 39.0	1.0	+ 0.1	8.2	
27	13	43.04	39 2.6	50.30	3	0.00	14	38.31	1.41	a	18 24.1	1.0	0.0	8.2	
28*	8	52.69	38 13.0	59.95	3	0.00	14	38.31	3.84	a	19 13.7	1.0	0.0	8.2	
29	12	20 5.72	55 0.6	40 13.11	3	0.00	2	38.32	7.20	u	2 27.0	0.1	0.0	8.2	
30	13	19 59.02	51 54.3	16.00	4	— 9.61	4	38.32	3.20	o	5 33.1	0.3	0.0	8.2	
31	12	20 25.38	37 57.4	23.11	2	+ 9.54	14	38.32	4.62	a	19 29.6	1.0	— 0.2	8.1	
32	13	10.42	38 18.9	27.24	4	— 9.56	14	38.31	3.55	a	19 7.8	1.0	+ 0.1	8.1	
33	13	35.89	35 28.0	33.60	2	+ 9.54	16	38.32	11.93	a	21 58.8	1.2	— 0.2	8.1	
34	11	28.03	51 19.7	45.00	4	— 9.61	5	38.32	4.90	o	6 7.8	0.3	0.0	8.1	
35	13	40.40	54 31.9	57.43	4	— 9.63	2	38.33	8.60	u	2 55.6	0.2	+ 0.1	8.1	
36*	9	21 15.20	53 21.0	41 4.45	1	+18.15	3	38.34	12.10	u	4 7.0	0.2	— 0.3	8.0	
37	12	16.61	53 56.5	14.59	2	+ 9.42	3	38.34	10.35	u	3 31.3	0.2	— 0.1	8.0	
38*	8	33.31	52 32.9	22.55	1	+18.15	4	38.34	14.45	u	4 55.0	0.3	— 0.3	8.0	
		33.55	31.6	40.94	3	0.00	4		14.50	u	4 56.0	0.3	0.0		
39	12.5	42.51	40 9.1	31.54	1	+18.26	13	38.33	11.35	e	17 18.3	0.9	— 0.3	7.9	
40	13	27.94	39 7.7	35.23	3	0.00	13	38.33	14.34	e	18 19.3	1.0	0.0	7.9	
41	12	53.37	50 28.3	51.30	2	+ 9.45	5	38.34	7.42	o	6 59.3	0.4	0.0	7.9	
42	9.5	22 8.16	39 30.2	57.20	1	+18.26	13	38.34	13.25	e	17 57.1	1.0	— 0.3	7.9	
43	12	0.48	41 51.0	42 7.80	3	0.00	11	38.34	6.35	e	15 36.2	0.8	0.0	7.9	
44	10	22.01	49 7.0	11.20	1	+18.19	6	38.35	11.40	o	8 20.5	0.4	+ 0.1	7.9	
45	11	28.87	48 46.4	18.06	1	+18.19	6	38.35	12.41	o	8 41.1	0.5	+ 0.1	7.8	
46	12	25.50	37 52.5	42.35	4	— 9.56	14	38.34	4.86	a	19 34.5	1.0	+ 0.1	7.8	
47	11	44.64	50 21.8	43 10.03	5	— 18.00	5	38.35	7.75	o	7 6.0	0.4	— 0.1	7.8	
48	11	23 20.78	49 35.5	28.17	3	0.00	6	38.36	10.02	o	7 52.3	0.4	0.0	7.7	
49	13	15.64	55 7.2	41.04	5	— 17.97	2	38.36	6.89	u	2 20.6	0.1	+ 0.3	7.7	
50	12.5	34.64	52 28.3	51.67	4	— 9.61	4	+ 38.37	1.56	o	4 59.6	0.3	0.0	7.7	
51	11	24 6.30	50 58.2	55.51	1	+18.19	5	0 ^s .01	38.37	5.97	o	6 29.7	0.3	+ 0.1	7.6
52	9.5	8.66	41 36.1	57.73	1	+18.26	12	1	38.37	7.11	e	15 51.7	0.8	— 0.3	7.6
53	13	6.56	36 48.6	44 4.31	2	+ 9.54	15	1	38.36	8.01	a	20 38.8	1.1	— 0.2	7.6
		6.30	36 59.5	23.15	4	— 9.56	15	1		7.46	a	20 27.6	1.1	+ 0.1	
54	12	15.84	51 2.8	13.80	2	+ 9.45	5	1	38.38	5.75	o	6 25.2	0.3	0.0	7.6
55*	9.5	12 24 19.76	— 6 34 21.6	13 44 17.50	2	+ 9.54	0.17	0.01	38.37	15.21	a	23 5.8	1.2	— 0.2	4 7.5

1902ANSWI. 16....1P

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Delgr. in Bogen-mass	Ref.	Faden-neigung	Red.	
56	11	12 ^h 24 ^m 6 ^s .17	— 6° 50' 56".8	13 ^h 44 ^m 31 ^s .57	5	—18.00	0.05	0.01	—	38.37	6.05	o	6' 31".3	0.3	—0.1	4' 7".6
57	13	12.29	54 46.6	37.70	5	—17.97	2	1	38.38	7.90	u	2 41.3	0.1	+0.3	7.6	
58	13	37.00	41 28.4	44.33	3	0.00	12	1	38.37	7.47	e	15 59.1	0.9	0.0	7.5	
59	12	55.86	38 32.2	53.64	2	+ 9.54	14	1	38.38	2.95	a	18 55.5	1.0	—0.2	7.4	
60	12	25 47.59	48 35.9	45 36.80	1	+18.19	7	1	38.39	12.95	o	8 52.1	0.5	+0.1	7.3	
61	11	51.69	40 0.5	40.77	1	+18.26	13	1	38.39	11.80	e	17 27.5	0.9	—0.3	7.3	
62	12	53.10	35 11.2	50.87	2	+ 9.54	16	1	38.39	12.79	a	22 16.4	1.2	—0.2	7.3	
63	10	26 6.20	36 54.4	55.22	1	+18.30	15	1	38.39	7.75	a	20 33.5	1.1	—0.3	7.2	
64	13	5.32	42 11.0	46 3.17	2	+ 9.51	11	1	38.39	5.41	e	15 17.0	0.8	—0.2	7.3	
65	12	8.37	50 26.9	15.80	3	0.00	5	1	38.40	7.52	o	7 1.3	0.4	0.0	7.3	
66	13	27.42	48 38.1	25.38	2	+ 9.45	7	1	38.40	12.85	o	8 50.1	0.5	0.0	7.2	
67	10.5	36.86	55 40.5	34.92	2	+ 9.42	1	1	38.41	5.30	u	1 48.2	0.1	—0.1	7.2	
68*	9	45.44	34 33.4	43.21	2	+ 9.54	17	1	38.40	14.65	a	22 54.4	1.2	—0.2	7.1	
69	11	39.83	48 58.9	56.87	4	— 9.61	6	1	38.41	11.83	o	8 29.3	0.5	0.0	7.2	
70	13	52.63	48 28.3	47 0.05	3	0.00	7	1	38.41	13.33	o	8 59.9	0.5	0.0	7.2	
71	12	49.80	48 22.8	6.83	4	— 9.61	7	1	38.41	13.60	o	9 5.4	0.5	0.0	7.2	
72	10.5	27 15.01	38 55.2	12.85	2	+ 9.51	14	1	38.41	15.00	e	18 32.8	1.0	—0.2	7.1	
73	13	0.14	38 55.2	17.06	4	— 9.58	14	1	38.40	14.98	e	18 32.4	1.0	+0.2	7.1	
74	10	20.24	52 13.9	27.70	3	0.00	4	1	38.42	15.41	u	5 14.6	0.3	0.0	7.1	
75	11	14.39	36 14.3	31.27	4	— 9.56	16	1	38.40	9.70	a	21 13.3	1.1	+0.1	7.1	
76	12	19.74	45 52.8	36.74	4	— 9.60	9	1	38.41	7.78	i	11 35.4	0.6	0.0	7.1	
77	11	33.89	35 37.6	59.33	5	—18.11	16	1	38.41	11.49	a	21 49.8	1.2	+0.3	7.0	
78	10	28 4.10	44 52.4	48 2.03	2	+ 9.48	9	1	38.42	10.74	i	12 35.8	0.7	0.0	7.0	
79	12	0.15	51 31.0	7.61	3	0.00	4	1	38.42	4.40	o	5 57.6	0.3	0.0	7.0	
80	11.5	1.17	44 30.1	18.17	4	— 9.60	10	1	38.42	11.83	i	12 58.1	0.7	0.0	7.0	
81	13	52.95	51 23.9	42.24	1	+18.19	4	1	38.44	4.75	o	6 4.8	0.3	+0.1	6.8	
82	13	57.62	39 3.4	55.45	2	+ 9.54	14	1	38.43	1.45	a	18 24.9	1.0	—0.2	6.8	
83	12.5	29 13.56	36 57.1	49 2.62	1	+18.30	15	1	38.43	7.64	a	20 31.3	1.1	—0.3	6.7	
84*	8	18.09	45 30.5	7.30	1	+18.22	9	1	38.44	8.89	i	11 58.1	0.6	0.0	6.7	
		18.27	32.4	43.74	5	—18.04	9	1		8.80	i	11 56.2	0.6	0.0		
85	11	22.34	43 24.5	11.54	1	+18.22	10	1	38.44	15.06	i	14 4.0	0.7	0.0	6.7	
86	11	16.63	34 31.4	23.97	3	0.00	17	1	38.43	14.76	a	22 56.6	1.2	0.0	6.7	
87	13	35.24	55 6.3	33.33	2	+ 9.42	2	1	38.45	7.00	u	2 22.9	0.1	—0.1	6.7	
88	10	30 3.77	50 14.4	53.06	1	+18.19	5	1	38.45	8.16	o	7 14.4	0.4	+0.1	6.6	
89	9.5	9.16	34 20.1	50 6.97	2	+ 9.54	17	1	38.44	15.33	a	23 8.2	1.2	—0.2	6.6	
90	13	29 57.28	42 2.1	14.27	4	— 9.58	11	1	38.44	5.86	e	15 26.2	0.8	+0.2	6.6	
91	11	30 17.83	41 24.3	25.24	3	0.00	12	1	38.45	7.72	e	16 4.2	0.9	0.0	6.5	
92	10	36.98	51 30.2	26.29	1	+18.19	4	1	38.46	4.46	o	5 58.8	0.3	+0.1	6.5	
93	10	27.16	47 52.5	34.62	3	0.00	7	1	38.45	1.95	i	9 36.4	0.5	0.0	6.5	
94	12.5	37.79	55 36.4	45.29	3	0.00	4	1	38.46	14.34	u	4 52.7	0.3	0.0	6.5	
95	10.5	31 1.39	42 51.4	50.60	1	+18.22	11	1	38.46	16.69	i	14 37.3	0.8	0.0	6.4	
96	10	30 44.47	38 38.4	51 1.44	4	— 9.58	14	1	38.45	15.84	e	18 49.9	1.0	+0.2	6.4	
97	12	48.15	37 29.3	13.64	5	—18.11	15	1	38.45	6.05	a	19 58.8	1.1	+0.3	6.4	
98	10	31 31.32	48 2.9	20.58	1	+18.22	7	1	38.47	1.45	i	9 26.2	0.5	0.0	6.3	
99	10	47.99	54 25.6	37.38	1	+18.15	2	1	38.48	9.02	u	3 4.1	0.2	—0.3	6.3	
100	12	56.99	44 34.5	46.22	1	+18.22	10	1	38.47	11.65	i	12 54.4	0.7	0.0	6.3	
101	12	32 5.85	38 25.6	55.00	1	+18.26	14	1	38.47	16.50	e	19 3.4	1.0	—0.3	6.2	
102	10	11.01	49 56.7	52 0.32	1	+18.19	6	1	38.48	9.05	o	7 32.5	0.4	+0.1	6.2	
		10.92	56.8	8.97	2	+ 9.45	6	1		9.05	o	7 32.5	0.4	0.0		
103	11	35.90	35 36.5	24.99	1	+18.30	16	1	38.47	11.61	a	21 52.3	1.2	—0.3	6.2	
104	12	42.73	40 35.4	31.91	1	+18.26	12	1	38.48	10.15	e	16 53.8	0.9	—0.3	6.1	
105	12	48.49	41 6.0	37.67	1	+18.26	12	1	38.48	8.65	e	16 23.2	0.9	—0.3	6.1	
106	11.5	49.47	47 43.0	38.78	1	+18.19	7	1	38.49	15.60	o	9 46.2	0.5	+0.1	6.1	
107	9	12 32 58.43	— 6 39 58.2	13 52 47.60	1	+18.26	0.13	0.01	38.48	11.98	e	17 31.1	0.9	—0.3	4 6.0	

ZONEN-BEOBACHTUNGEN.

Nr.	Größe	α 1875.0	δ 1875.0	Uhrzeit	Faden- Interv.	Faden- Interv.	Refr. und Fadenneig.	Uhr- gang	Red.	Declino- graph	Faden	Dclgr. in Bogen- mass	Refr.	Faden- neig- ung	Red.
108	10	12 ^h 33 ^m 4 ^s .40	6° 40' 5" 1	13 ^h 52 ^m 53 ^s .57	1	+18 ^s .26	0 ^s .13	0 ^s .01	38 ^s .48	11 ^r .64	e	17' 24".2	0 ^r .9	-0 ^r .3	4' 6".0
109	12	1.62	45 42.0	59.62	2	+9.48	9	1	38.49	8.36	i	11 47.3	0.6	0.0	6.0
110	13	17.18	53 23.0	53 6.58	1	+18.15	3	1	38.50	12.10	u	4 7.0	0.2	-0.3	6.0
111	12	21.02	51 2.4	19.10	2	+9.45	5	1	38.50	5.85	o	6 27.2	0.3	0.0	6.0
112	12.5	25.77	34 10.0	33.16	3	0.00	17	1	38.48	15.85	a	23 18.8	1.2	0.0	5.9
113	12	51.00	48 41.5	40.33	1	+18.19	6	1	38.50	12.74	o	8 47.9	0.5	+0.1	5.9
114	12	52.06	45 1.2	41.33	1	+18.22	9	1	38.50	10.36	i	12 28.1	0.7	0.0	5.9
		52.54	44 58.0	54 0.03	3	0.00	9	1		10.52	i	12 31.3	0.7	0.0	
115	13	55.03	43 14.8	12.11	4	-9.60	10	1	38.50	15.57	i	14 14.4	0.8	0.0	5.9
116	11	34 27.78	44 21.5	25.78	2	+9.48	10	1	38.50	12.31	i	13 7.9	0.7	0.0	5.8
117	13	41.96	49 44.9	31.30	1	+18.19	6	1	38.51	9.65	o	7 44.8	0.4	+0.1	5.7
118	12	28.23	47 15.0	35.74	3	0.00	8	1	38.51	16.99	o	10 14.6	0.5	0.0	5.8
119*	9	56.06	41 51.4	45.27	1	+18.26	12	1	38.51	6.45	e	15 38.3	0.8	-0.3	5.7
120	12.5	51.45	45 29.5	49.47	2	+9.48	9	1	38.51	8.99	i	12 0.1	0.6	0.0	5.7
121	9.5	35 2.50	55 30.8	55 0.67	2	+9.42	1	1	38.52	5.85	u	1 59.4	0.1	-0.1	5.7
122	11.5	1.37	47 15.5	8.88	3	0.00	8	1	38.51	3.80	i	10 14.2	0.5	0.0	5.7
123	10	17.51	45 22.6	15.53	2	+9.48	9	1	38.51	9.33	i	12 7.1	0.6	0.0	5.6
124	10	11.34	44 31.3	18.83	3	0.00	10	1	38.51	11.84	i	12 58.3	0.7	0.0	5.6
125*	7	29.86	48 46.6	27.95	2	+9.45	6	1	38.52	12.51	o	8 43.2	0.5	0.0	5.6
		30.15	47.7	47.30	4	-9.61	6	1		12.46	o	8 42.1	0.5	0.0	
126	10	37.82	42 49.7	35.80	2	+9.51	11	1	38.52	3.60	e	14 40.1	0.8	-0.2	5.5
127	12.5	39.42	37 2.7	37.32	2	+9.54	15	1	38.51	7.42	a	20 26.8	1.1	-0.2	5.5
128	10	51.55	54 25.6	49.72	2	+9.42	2	1	38.53	9.05	u	3 4.7	0.2	-0.1	5.5
129	9	57.62	55 31.8	55.80	2	+9.42	1	1	38.53	5.81	u	1 58.6	0.1	-0.1	5.5
130	11	59.09	47 57.3	56 6.63	3	0.00	7	1	38.53	1.77	i	9 32.7	0.5	0.0	5.4
131	12	36 12.31	37 28.6	10.22	2	+9.54	15	1	38.52	6.16	a	20 1.0	1.1	-0.2	5.4
132	12	17.25	38 20.5	15.17	2	+9.54	14	1	38.52	3.62	a	19 9.2	1.0	-0.2	5.4
133	12	14.89	34 5.6	22.32	3	0.00	17	1	38.52	16.09	a	23 23.7	1.2	0.0	5.4
134	12	23.62	34 28.7	31.05	3	0.00	17	1	38.52	14.96	a	23 0.7	1.2	0.0	5.3
135	11	30.41	48 2.7	37.95	3	0.00	7	1	38.53	14.67	o	9 27.3	0.5	0.0	5.4
136	13	34.82	50 34.3	42.39	3	0.00	5	1	38.54	7.25	o	6 55.8	0.4	0.0	5.4
137	11	48.77	43 7.9	46.77	2	+9.51	11	1	38.54	2.72	e	14 22.1	0.8	-0.2	5.3
138	11	37 7.20	42 50.9	56.44	1	+18.26	11	1	38.53	3.56	e	14 39.3	0.8	-0.3	5.2
139	11	1.15	39 36.9	59.12	2	+9.51	13	1	38.53	13.05	e	17 53.0	1.0	-0.2	5.2
140	10	36 55.74	51 49.9	57 12.95	4	-9.63	4	1	38.54	16.67	u	5 40.3	0.3	+0.1	5.3
141	13	58.17	54 29.2	15.40	4	-9.63	2	1	38.54	8.87	u	3 1.1	0.2	+0.1	5.3
142	13	37 14.27	49 26.3	21.83	3	0.00	6	1	38.54	10.59	o	8 4.0	0.4	0.0	5.2
143	12	7.73	49 45.3	24.90	4	-9.61	6	1	38.54	9.66	o	7 45.0	0.4	0.0	5.2
144*	9	34.48	35 2.0	32.38	2	+9.54	17	1	38.53	13.35	a	22 27.8	1.2	-0.2	5.1
145	10.5	52.88	48 5.4	42.25	1	+18.19	7	1	38.55	14.55	o	9 24.8	0.5	+0.1	5.1
146	12	48.58	37 23.7	56.05	3	0.00	15	1	38.54	6.41	a	20 6.1	1.1	0.0	5.0
147	13	38 4.91	46 51.8	58 2.98	2	+9.48	8	1	38.55	4.99	i	10 38.5	0.6	0.0	5.0
148	11.5	26.20	53 53.2	15.66	1	+18.15	3	1	38.56	10.67	u	3 37.8	0.2	-0.3	5.0
149	13	46.00	49 1.9	35.38	1	+18.19	6	2	38.56	11.79	o	8 28.5	0.5	+0.1	4.9
150	12	49.02	47 41.1	38.39	1	+18.19	7	2	38.56	15.75	o	9 49.3	0.5	+0.1	4.9
151	10.5	47.78	54 45.9	45.98	2	+9.42	2	2	38.57	8.09	u	2 45.1	0.1	-0.1	4.9
152	12	39 1.79	46 17.1	51.12	1	+18.22	8	2	38.56	6.70	i	11 13.4	0.6	0.0	4.8
153	13	3.79	46 31.8	53.12	1	+18.22	8	2	38.56	5.98	i	10 58.7	0.6	0.0	4.8
154	12	3.89	52 32.9	59 2.07	2	+9.42	4	2	38.57	14.60	u	4 58.0	0.3	-0.1	4.8
155	12	10.51	52 23.7	8.69	2	+9.42	4	2	38.57	15.05	u	5 7.2	0.3	-0.1	4.8
156	12	16.17	38 37.4	14.15	2	+9.51	14	2	38.56	15.99	e	18 53.0	1.0	-0.2	4.7
157	11	9.81	34 15.1	26.82	4	-9.56	17	2	38.55	15.65	a	23 14.8	1.2	+0.1	4.7
158	13	34.93	45 37.8	33.00	2	+9.48	9	2	38.57	8.63	i	11 52.8	0.6	0.0	4.7
159	10	38.94	44 26.3	37.00	2	+9.48	10	2	38.57	12.13	i	13 4.2	0.7	0.0	4.7
160	11	12 39 56.04	6 37 35.8	13 59 45.23	1	+18.30	0.15	0.02	38.57	5.85	a	19 54.7	1.1	-0.3	4 4.6

1902ANSWI...16...1P

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Delgr. in Bogen-mass	Ref.	Faden-neigung	Red.
161	10	12 ^h 39 ^m 56. ^s 52	— 5° 37' 43".2	13 ^h 59 ^m 54. ^s 47	2	+ 9. ^s 54	0. ^s 15	+	38. ^s 57	5. ^s 48	a	19' 47".2	1. ^s 1	— 0".2	4' 4".6
162	12	42.44	41 25.6	59.54	4	— 9.58	12	2	38.57	7.74	e	16 4.6	0.9	+ 0.2	4.6
163	12	40 13.09	54 7.1	14 0 11.30	2	+ 9.42	3	2	38.59	10.00	u	3 24.1	0.2	— 0.1	4.6
164	10	30.41	45 56.8	19.75	1	+ 18.22	9	2	38.58	7.71	i	11 34.0	0.6	0.0	4.5
165	9.5	56.30	37 14.4	45.50	1	+ 18.30	15	2	38.58	6.91	a	20 16.4	1.1	— 0.3	4.3
166	11	57.61	54 52.3	55.84	2	+ 9.42	2	2	38.60	7.80	u	2 39.2	0.1	— 0.1	4.4
167	12.5	59.71	51 35.8	57.88	2	+ 9.45	4	2	38.59	4.29	o	5 55.4	0.3	0.0	4.4
168	12	41 17.18	51 39.5	1 6.62	1	+ 18.19	4	2	38.60	4.11	o	5 51.7	0.3	+ 0.1	4.3
169	13	17.61	54 26.8	15.84	2	+ 9.42	2	2	38.60	9.05	u	3 4.7	0.2	— 0.1	4.3
170	13	20.47	34 29.8	18.41	2	+ 9.54	17	2	38.58	14.97	a	23 0.9	1.2	— 0.2	4.2
171	10	35.27	51 58.9	24.75	1	+ 18.15	4	2	38.60	16.30	u	5 32.7	0.3	— 0.3	4.3
172	11.5	46.70	35 56.2	35.90	1	+ 18.30	16	2	38.59	10.75	a	21 34.7	1.1	— 0.3	4.2
173	9	53.43	39 41.2	42.70	1	+ 18.26	13	2	38.59	12.90	e	17 49.9	1.0	— 0.3	4.1
174	11	56.08	41 17.0	45.37	1	+ 18.26	12	2	38.60	8.21	e	16 14.2	0.9	— 0.3	4.1
175	12	58.05	36 47.1	56.02	2	+ 9.54	15	2	38.59	8.25	a	20 43.7	1.1	— 0.2	4.2
176	12.5	42 1.35	53 25.8	59.58	2	+ 9.42	3	2	38.61	12.04	u	4 5.8	0.2	— 0.1	4.2
177	12.5	41 51.45	55 43.7	2 8.75	4	— 9.63	1	2	38.61	5.28	u	1 47.8	0.1	+ 0.1	4.2
178	12.5	42 8.00	35 6.5	15.50	3	0.00	16	2	38.59	13.17	a	22 24.1	1.2	0.0	4.1
179	13	38.45	41 4.2	27.74	1	+ 18.26	12	2	38.60	8.84	e	16 27.1	0.9	— 0.3	4.0
180	10	45.62	38 18.0	34.85	1	+ 18.30	14	2	38.60	3.82	a	19 13.3	1.0	— 0.3	3.9
181	9	54.84	46 21.7	44.22	1	+ 18.22	8	2	38.61	6.52	i	11 9.7	0.6	0.0	3.9
182	12	57.80	40 51.3	47.10	1	+ 18.26	12	2	38.61	9.48	e	16 40.1	0.9	— 0.3	3.9
183	10	43 6.83	44 48.9	56.20	1	+ 18.22	9	2	38.61	11.06	i	12 42.4	0.7	0.0	3.9
184	12.5	8.43	50 57.3	57.88	1	+ 18.19	5	2	38.62	6.19	o	6 34.2	0.4	+ 0.1	3.9
185	12	14.95	47 52.8	3 4.35	1	+ 18.22	7	2	38.62	2.06	i	9 38.7	0.5	0.0	3.9
186	12.5	24.47	48 35.3	13.90	1	+ 18.19	7	2	38.62	13.15	o	8 56.2	0.5	+ 0.1	3.8
187	12	22.58	35 57.3	30.10	3	0.00	16	2	38.61	10.70	a	21 33.7	1.1	0.0	3.8
188	12	44.28	35 47.8	33.50	1	+ 18.30	16	2	38.61	11.18	a	21 43.5	1.2	— 0.3	3.7
189	11	52.63	38 37.3	41.92	1	+ 18.26	14	2	38.62	16.05	e	18 54.2	1.0	— 0.3	3.7
190	8	56.55	40 59.2	45.86	1	+ 18.26	12	2	38.62	9.10	e	16 32.4	0.9	— 0.3	3.7
191*	8	12 44 2.36 2.39	— 6 44 32.1 30.0	14 4 0.50	1 2	+ 18.22 + 9.48	10 0.10	2 0.02	38.62	11.90 12.00	i i	12 59.5 13 1.6	0.7 0.7	0.0 0.0	4 3.6

- | | | | |
|----|----------------------------------|-----|---------------------------------|
| 1 | A. G.; wie Nr. 1 von Zone 46. | 68 | A. G.; Weisse 426. |
| 17 | A. G.; " " 14 " " 47. | 84 | A. G.; wie Nr. 82 von Zone 47. |
| 21 | A. G.; " " 18 " " 47. | 119 | A. G.; " " 124 " " 47. |
| 28 | A. G.; " " 24 " " 47. | 125 | A. G.; " " 129 " " 47. |
| 36 | A. G.; " " 31 " " 47. | 144 | A. G.; Weisse 613; Cambr. 1853. |
| 38 | A. G.; " " 34 " " 47. | 191 | A. G.; wie Nr. 193 von Zone 47. |
| 55 | Münch. I. 8154; Münch. II. 4471. | | |

Zone 49: 1887, Mai 14.

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Delgr. in Bogen-mass	Ref.	Faden-neigung	Red.
1	11	12 ^h 17 ^m 56. ^s 46	— 6° 55' 41".3	13 ^h 59 ^m 57. ^s 55	1	+ 18. ^s 31	0. ^s 17	+	38. ^s 32	9. ^s 55	a	21' 10".2	1. ^s 2	— 0".3	4' 8".6
2	13	18 20.38	7 1 31.3	14 0 21.56	1	+ 18.28	12		38.33	5.58	e	15 20.5	0.9	— 0.3	8.6
3	12	39.92	7 2 15.9	41.10	1	+ 18.28	12		38.33	3.40	e	14 36.0	0.9	— 0.3	8.5
4	12.5	52.27	7 9 18.4	53.60	1	+ 18.20	6		38.34	9.10	o	7 33.6	0.4	+ 0.1	8.5
5*	8	19 9.86	6 55 11.8	1 10.97	1	+ 18.31	17		38.34	11.00	a	21 39.8	1.3	— 0.3	8.4
6	10	12 19 9.05	— 7 6 55.2	14 1 19.10	2	+ 9.46	0.08		38.34	16.11	o	9 56.7	0.6	0.0	4 8.5

ZONEN BEOBACHTUNGEN.

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Refr. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Dclgr. in Bogen-mass	Refr.	Faden-neigung	Red.
7	12.5	12 ^h 19 ^m 4 ^s .01	7° 5' 33".1	14 ^h 1 ^m 33 ^s .12	4	- 9 ^s .61	0 ^s .09		38 ^s .34	6 ^s .96	i	11' 18".7	0 ^s .7	0 ^s .0	4' 8".5
8	10.5	42.59	7 4 27.3	43.85	1	+18.24	10		38.35	10.19	i	12 24.6	0.7	0.0	8.4
9	11	57.80	7 3 9.2	59.05	1	+18.24	11		38.35	14.01	i	13 42.6	0.8	0.0	8.4
10	12	20 5.77	6 54 56.5	2 6.88	1	+18.31	18		38.35	11.75	a	21 55.2	1.3	-0.3	8.3
11	12.5	19 53.78	7 4 20.8	13.28	3	0.00	10		38.35	10.51	i	12 31.1	0.7	0.0	8.4
12	12.5	39.02	7 1 42.1	16.58	5	-18.09	12		38.34	5.03	e	15 9.3	0.9	+0.3	8.4
13*	8	20 22.43	7 1 58.7	23.63	1	+18.28	12		38.35	4.25	e	14 53.4	0.9	-0.3	8.3
14	11	17.29	7 1 23.3	27.25	2	+ 9.52	12		38.35	5.98	e	15 28.7	0.9	-0.2	8.3
15	12	5.76	7 15 33.4	35.00	4	- 9.64	1		38.36	3.87	u	1 19.0	0.1	+0.1	8.4
16	11	31.92	7 6 13.4	41.95	2	+ 9.49	9		38.36	5.00	i	10 38.7	0.6	0.0	8.3
		32.04	10.4	3 9.61	5	-18.05	9			5.15	i	10 41.7	0.6	0.0	
17	13	40.40	6 54 25.2	2 50.27	2	+ 9.55	18		38.35	13.28	a	22 26.4	1.3	-0.2	8.3
18	9	46.67	7 15 14.5	56.85	2	+ 9.43	1		38.37	4.81	u	1 38.2	0.1	-0.1	8.3
19	11	42.36	7 2 6.0	3 1.85	3	0.00	12		38.36	3.88	e	14 45.8	0.9	0.0	8.3
20	12.5	21 13.55	7 7 47.8	14.90	1	+18.20	7		38.37	13.55	o	9 4.4	0.5	+0.1	8.2
21	12	16.88	6 53 53.3	26.76	2	+ 9.55	18		38.36	14.85	a	22 58.4	1.3	-0.2	8.2
22*	9	33.32	7 1 40.6	34.58	1	+18.24	12		38.37	18.36	i	15 11.4	0.9	0.0	8.1
23	12	26.25	7 11 45.3	45.83	3	0.00	4		38.37	15.05	u	5 7.2	0.3	0.0	8.2
24	10	53.43	7 1 2.4	54.64	1	+18.28	13		38.37	7.02	e	15 49.9	0.9	-0.3	8.1
25	13	42.69	7 3 7.7	4 2.20	3	0.00	11		38.37	14.10	i	13 44.4	0.8	0.0	8.1
26	12	22 4.84	7 5 48.7	6.14	1	+18.24	9		38.38	6.22	i	11 3.6	0.6	0.0	8.1
27	12	13.14	6 59 37.1	14.35	1	+18.28	14		38.38	11.20	e	17 15.2	1.0	-0.3	8.0
28	12	26.37	7 13 19.7	27.82	1	+18.16	3		38.39	10.45	u	3 33.3	0.2	-0.3	8.1
29	11	34.93	7 1 36.6	36.16	1	+18.28	12		38.38	5.35	e	15 15.8	0.9	-0.3	8.0
30	9.5	33.23	7 15 18.4	43.43	2	+ 9.43	1		38.39	4.63	u	1 34.5	0.1	-0.1	8.1
31	12	42.25	7 1 51.0	5 1.77	3	0.00	12		38.39	4.63	e	15 1.1	0.9	0.0	8.0
32	12	42.24	7 12 7.8	11.48	4	- 9.64	4		38.39	13.95	u	4 44.8	0.3	+0.1	8.0
33	13	23 15.77	6 55 5.5	16.93	1	+18.31	17		38.39	11.33	a	21 46.6	1.3	-0.3	7.9
34	10	40.20	7 6 48.5	41.53	1	+18.24	8		38.40	3.30	i	10 4.0	0.6	0.0	7.9
35	10	41.00	7 6 55.7	42.33	1	+18.24	8		38.40	2.95	i	9 56.8	0.6	0.0	7.9
36	12	24 16.99	7 3 26.2	6 18.30	1	+18.24	11		38.41	13.21	i	13 26.3	0.8	0.0	7.7
37	13	12.76	6 54 33.6	22.68	2	+ 9.55	18		38.40	12.90	a	22 18.6	1.3	-0.2	7.7
38	12	25.49	6 56 33.4	26.68	1	+18.31	16		38.41	7.04	a	20 19.0	1.2	-0.3	7.7
39	12	28.51	7 2 43.4	38.54	2	+ 9.52	11		38.41	2.09	e	14 9.3	0.8	-0.2	7.7
40	10.5	42.46	7 5 28.2	43.80	1	+18.24	9		38.42	7.24	i	11 24.4	0.7	0.0	7.7
41*	8	50.37	6 58 24.7	51.60	1	+18.28	15		38.41	14.76	e	18 27.9	1.1	-0.3	7.6
		50.33	23.8	7 0.32	2	+ 9.52	15			14.80	e	18 28.7	1.1	-0.2	
42	12	25 6.44	7 5 48.6	7.78	1	+18.24	9	+	38.42	6.25	i	11 4.2	0.6	0.0	7.6
43	12	8.21	7 8 44.0	18.34	2	+ 9.46	7	0 ^s .01	38.42	10.83	o	8 8.9	0.5	0.0	7.6
44	12	8.65	7 2 54.4	28.20	3	0.00	11	1	38.42	1.55	e	13 58.2	0.8	0.0	7.6
45	11.5	30.64	6 57 20.6	31.83	1	+18.31	16	1	38.42	4.74	a	19 32.1	1.1	-0.3	7.5
46	12	35.36	6 59 3.7	36.60	1	+18.28	14	1	38.42	12.86	e	17 49.1	1.0	-0.3	7.5
47	12	26.23	6 58 38.0	45.74	3	0.00	15	1	38.42	14.10	e	18 14.4	1.1	0.0	7.5
48	12.5	49.35	6 56 32.4	50.54	1	+18.31	16	1	38.42	7.10	a	20 20.2	1.2	-0.3	7.5
49	11	56.50	7 6 55.1	57.85	1	+18.24	8	1	38.43	3.00	i	9 57.8	0.6	0.0	7.5
50	12.5	26 5.56	7 3 38.9	8 6.88	1	+18.24	11	1	38.43	12.60	i	13 13.8	0.8	0.0	7.5
51	12	25 54.83	7 15 44.6	14.50	3	0.00	1	1	38.44	3.37	u	1 8.8	0.1	0.0	7.5
52	11	26 21.92	7 5 45.1	23.27	1	+18.24	9	1	38.44	6.43	i	11 7.9	0.6	0.0	7.4
53	12	33.21	7 3 50.4	34.55	1	+18.24	10	1	38.44	12.04	i	13 2.4	0.8	0.0	7.4
54	10.5	36.64	6 55 36.0	37.83	1	+18.31	17	1	38.43	9.87	a	21 16.8	1.2	-0.3	7.3
55	11	38.08	7 4 20.9	48.17	2	+ 9.49	10	1	38.44	10.55	i	12 32.0	0.7	0.0	7.4
56	12	45.80	7 13 24.9	56.03	2	+ 9.43	3	1	38.45	10.22	u	3 28.6	0.2	-0.1	7.4
57	12	27 8.77	6 56 31.2	9 9.98	1	+18.31	16	1	38.44	7.17	a	20 21.6	1.2	-0.3	7.3
58	10.5	12 27 13.08	7 4 9.4	14 9 14.43	1	+18.24	0.10	0.01	38.45	11.12	i	12 43.6	0.7	0.0	4 7.3

1902ANSWi...LP

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadeneig.	Uhr-gang	Red.	Declino-graph	Faden	Declr. in Bogen-mass	Ref.	Faden-neigung	Red.
59	11	12 ^h 27 ^m 12 ^s .10	6° 59' 59".1	14 ^h 9 ^m 22 ^s .13	2	+ 9.52	0.13	0.01	38.44	10.15	e	16' 53" 8	1.0	-0.2	4' 7".3
60	12	15.07	7 10 53.9	25.25	2	+ 9.46	5	1	38.45	4.49	o	5 59.5	0.3	0.0	7.3
61	9.5	34.73	7 11 12.9	36.18	1	+18.20	5	1	38.46	3.56	o	5 40.5	0.3	+0.1	7.2
62	9	35.39	7 15 3.1	36.92	1	+18.16	1	1	38.46	5.43	u	1 50.8	0.1	-0.3	7.3
63	12	34.00	7 13 21.5	44.24	2	+ 9.43	3	1	38.46	10.39	u	3 32.1	0.2	-0.1	7.3
64	12	46.24	7 4 10.7	47.60	1	+18.24	10	1	38.46	11.06	i	12 42.4	0.7	0.0	7.2
65	12	52.55	6 56 35.2	53.77	1	+18.31	16	1	38.45	6.98	a	20 17.8	1.2	-0.3	7.1
66	12	28 6.68	6 58 11.3	10 7.92	1	+18.31	15	1	38.46	2.28	a	18 41.8	1.1	-0.3	7.1
67	11.5	11.67	7 8	13.10	1	+18.20	7	1	38.46		o				
		11.88	14.1	22.05	2	+ 9.46	7	1		12.32	o	8 39.3	0.5	0.0	7.1
68	13	25.33	6 57 51.6	26.60	1	+18.28	15	1	38.46	16.41	e	19 1.6	1.1	-0.3	7.0
69	12.5	26.51	7 1 18.3	36.60	2	+ 9.49	12	1	38.46	19.50	i	15 34.7	0.9	0.0	7.1
70	9	39.79	7 3 33.5	41.15	1	+18.24	11	1	38.47	12.89	i	13 19.7	0.8	0.0	7.0
71	12	48.79	7 5 23.6	50.17	1	+18.24	9	1	38.47	7.50	i	11 29.7	0.7	0.0	7.0
72	11.5	46.94	7 4 46.5	57.06	2	+ 9.49	10	1	38.47	9.32	i	12 6.8	0.7	0.0	7.0
73	12	29 6.17	7 0 49.7	11 7.47	1	+18.28	13	1	38.47	7.70	e	16 3.8	0.9	-0.3	6.9
74	10	29.40	7 3 0.7	30.77	1	+18.24	11	1	38.48	14.50	i	13 52.6	0.8	0.0	6.9
75	13	38.90	7 13 23.1	40.44	1	+18.16	3	1	38.49	10.34	u	3 31.1	0.2	-0.3	6.9
76	10	43.92	7 6 48.8	45.36	1	+18.20	8	1	38.48	16.50	o	10 4.6	0.6	+0.1	6.9
77	11.5	30 0.48	7 15 27.4	12 10.77	2	+ 9.43	1	1	38.49	4.25	u	1 26.8	0.1	-0.1	6.8
78	13	17.18	7 3 31.5	18.56	1	+18.24	11	1	38.49	13.00	i	13 22.0	0.8	0.0	6.7
79	9	21.50	7 3 37.7	22.88	1	+18.24	11	1	38.49	12.70	i	13 15.8	0.8	0.0	6.7
80	12.5	22.72	6 56 5.5	32.72	2	+ 9.55	17	1	38.48	8.45	a	20 47.8	1.2	-0.2	6.7
81	13	41.42	6 56 31.0	42.68	1	+18.31	16	1	38.49	7.21	a	20 22.5	1.2	-0.3	6.6
82	12	49.95	7 13 19.0	51.50	1	+18.16	3	1	38.50	10.55	u	3 35.4	0.2	-0.3	6.7
83	12.5	50.11	7 10 52.8	13 0.34	2	+ 9.46	5	1	38.50	4.57	o	6 1.1	0.4	0.0	6.7
84	13	31 4.74	7 9 59.5	6.23	1	+18.20	5	1	38.50	7.18	o	6 54.4	0.4	+0.1	6.6
85	10	18.24	7 1 52.8	19.58	1	+18.28	12	1	38.50	4.63	e	15 1.1	0.9	-0.3	6.5
86	12	26.16	7 11 21.3	27.67	1	+18.20	4	1	38.51	3.18	o	5 32.7	0.3	+0.1	6.6
87	12	40.01	7 9 32.5	41.50	1	+18.20	6	1	38.51	8.51	o	7 21.5	0.4	+0.1	6.5
88	12.5	41.86	7 5 52.8	43.28	1	+18.24	9	1	38.51	6.10	i	11 1.1	0.6	0.0	6.5
89	12	40.66	7 15 27.7	50.98	2	+ 9.43	1	1	38.52	4.25	u	1 26.8	0.1	-0.1	6.5
90	11	42.33	7 12 51.1	52.62	2	+ 9.43	3	1	38.51	11.92	u	4 3.3	0.2	-0.1	6.5
91	12	45.50	6 58 59.4	14 5.10	3	0.00	14	1	38.50	13.11	e	17 54.2	1.0	0.0	6.4
92	10	47.96	6 54 21.6	7.52	3	0.00	18	1	38.50	13.54	a	22 31.7	1.3	0.0	6.4
93	13	32 2.12	6 56 9.5	12.14	2	+ 9.55	17	1	38.50	8.27	a	20 44.1	1.2	-0.2	6.4
94	13	31 46.75	6 56 10.8	15.90	4	- 9.57	16	1	38.50	8.19	a	20 42.5	1.2	+0.1	6.4
95	12.5	32 5.69	7 7 40.5	25.37	3	0.00	7	1	38.51	14.00	o	9 13.6	0.5	0.0	6.4
96*	8	36.84	7 13 48.5	38.43	1	+18.16	2	1	38.53	9.12	u	3 6.2	0.2	-0.3	6.4
		37.36	47.5	47.68	2	+ 9.43	2	1		9.16	u	3 7.0	0.2	-0.1	
97	9.5	53.43	7 11 15.7	54.96	1	+18.20	4	1	38.53	3.47	o	5 38.6	0.3	+0.1	6.3
98	13	33 6.73	7 9 57.0	15 8.24	1	+18.20	6	1	38.53	7.32	o	6 57.2	0.4	+0.1	6.3
99	13	9.44	6 59 3.1	29.06	3	0.00	14	1	38.52	12.94	e	17 50.7	1.0	0.0	6.2
100	10	40.46	7 1 49.4	41.87	1	+18.24	12	1	38.53	18.03	i	15 4.6	0.9	0.0	6.1
101	10	58.82	7 8 54.3	16 28.16	4	- 9.62	6	1	38.54	10.40	o	8 0.1	0.5	0.0	6.1
102	9	34 33.95	7 4 47.8	35.40	1	+18.24	10	1	38.55	9.31	i	12 6.6	0.7	0.0	5.9
103	11	8.69	7 10 1.7	38.04	4	- 9.62	5	1	38.54	7.11	o	6 52.9	0.4	0.0	6.0
104	11.5	21.16	7 10 19.0	40.90	3	0.00	5	1	38.55	6.26	o	6 35.6	0.4	0.0	6.0
105	10	36.49	7 1 16.7	46.63	2	+ 9.52	12	1	38.54	6.42	e	15 37.7	0.9	-0.2	5.9
106	12.5	32.26	6 56 50.0	51.88	3	0.00	16	1	38.54	6.30	a	20 3.9	1.2	0.0	5.9
107	10	42.49	6 58 4.8	52.57	2	+ 9.55	15	1	38.54	2.65	a	18 49.4	1.1	-0.2	5.9
108	11.5	30.91	7 11 44.4	17 0.28	4	- 9.62	4	1	38.55	2.08	o	5 10.3	0.3	0.0	6.0
109	11	51.45	6 59 29.1	11.10	3	0.00	14	1	38.55	11.68	e	17 25.0	1.0	0.0	5.9
110	9.5	12 35 2.56	6 55 28.1	12.62	2	+ 9.55	17	1	38.54	10.32	a	21 26.0	1.3	-0.2	4 5.8
		2.49	27.5	14 17 22.10	3	0.00	0.17	0.01		10.34	a	21 26.4	1.3	0.0	

ZONEN-BEOBACHTUNGEN.

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadeneig.	Uhr-gang	Red.	Declino-graph	Faden	Delgr. in Bogen-mass	Ref.	Faden-neigung	Red.
111	9	12 ^h 35 ^m 27 ^s .72	7° 7' 54".9	14 ^h 17 ^m 29 ^s .25	1	+18.20	0.07	0.01	38.56	13.32	o	8' 59".7	0.5	+0".1	4' 5".8
112	10	41.02	7 9 1.7	42.56	1	+18.20			38.56	10.05	o	7 53.0	0.5	+0.1	5.7
113	10	51.72	6 54 22.5	53.02	1	+18.31	18		38.55	13.55	a	22 31.9	1.3	-0.3	5.6
114	12	54.31	6 56 34.0	18 4.40	2	+9.55	16		38.56	7.11	a	20 20.4	1.2	-0.2	5.6
115	9	57.69	6 55 26.1	7.77	2	+9.55	17		38.56	10.43	a	21 28.2	1.3	-0.2	5.6
116	12	36 22.45	6 58 6.2	32.56	2	+9.55	15		38.57	2.60	a	18 48.4	1.1	-0.2	5.5
117	9	34.34	7 5 14.5	35.83	1	+18.24	8		38.57	8.02	i	11 40.3	0.7	0.0	5.5
118	12	22.84	7 1 28.4	42.53	3	0.00	12		38.57	5.86	e	15 26.2	0.9	0.0	5.5
119	12	36.27	7 0 44.3	46.43	2	+9.52	13		38.57	8.03	e	16 10.5	0.9	-0.2	5.5
120	11.5	52.97	7 1 28.0	54.38	1	+18.28	12		38.57	5.90	e	15 27.0	0.9	-0.3	5.4
121	12	55.72	6 58 29.8	57.10	1	+18.28	15		38.57	14.62	e	18 25.0	1.1	-0.3	5.4
122	13	57.90	6 54 30.8	19 7.98	2	+9.55	18		38.57	13.15	a	22 23.7	1.3	-0.2	5.4
123	11.5	37 8.84	6 59 17.8	10.23	1	+18.28	14		38.57	12.27	e	17 37.1	1.0	-0.3	5.4
124	12	15.36	7 6 23.7	16.86	1	+18.24	8		38.58	4.64	i	10 31.3	0.6	0.0	5.4
125	11.5	24.66	7 4 37.0	26.14	1	+18.24	10		38.58	9.86	i	12 17.9	0.7	0.0	5.4
		24.51	36.4	20 2.28	5	-18.05	10			9.89	i	12 18.5	0.7	0.0	
126	13	0.48	7 3 18.3	19 29.80	4	-9.61	11		38.58	13.71	i	13 36.5	0.8	0.0	5.4
127	10	34.01	7 4	35.50	1	+18.24	10		38.59		i				
		34.19	48.8	44.43	2	+9.49	10			9.29	i	12 6.2	0.7	0.0	5.3
128	10	31.70	7 2 17.8	51.40	3	0.00	12		38.58	3.45	e	14 37.0	0.9	0.0	5.3
129*	9	46.26	7 10 25.4	56.58	2	+9.46	5		38.59	5.98	o	6 29.9	0.4	0.0	5.3
130	13	51.82	6 56 16.8	20 11.48	3	0.00	16		38.58	7.96	a	20 37.8	1.2	0.0	5.2
131	13	38 11.59	7 7 30.5	21.90	2	+9.46	7		38.60	14.55	o	9 24.8	0.5	0.0	5.2
132	13	24.35	7 9 20.7	25.93	1	+18.20	6		38.60	9.15	o	7 34.6	0.4	+0.1	5.2
133	11.5	25.89	6 53 52.5	35.99	2	+9.55	18		38.59	15.04	a	23 2.3	1.3	-0.2	5.1
134	10.5	37.83	7 2 33.1	48.07	2	+9.49	11		38.60	15.94	i	14 22.0	0.8	0.0	5.1
135	10.5	47.70	6 54 47.9	57.80	2	+9.55	18		38.59	12.33	a	22 7.0	1.3	-0.2	5.0
136	12	39 11.74	7 13 24.2	21 13.40	1	+18.16	3		38.61	10.38	u	3 31.9	0.2	-0.3	5.0
137	10	14.74	7 7 18.5	16.31	1	+18.20	8		38.61	15.14	o	9 36.9	0.6	+0.1	4.9
138	12	20.93	7 2 16.3	22.42	1	+18.24	12		38.61	16.77	i	14 38.9	0.9	0.0	4.9
139	11.5	30.15	7 3 16.4	31.65	1	+18.24	11		38.61	13.83	i	13 38.9	0.8	0.0	4.9
140	10.5	37.82	6 56 45.3	39.18	1	+18.31	16		38.60	6.60	a	20 10.0	1.2	-0.3	4.8
141	9	48.23	7 11 23.1	49.88	1	+18.16	4		38.62	16.32	u	5 33.1	0.3	-0.3	4.8
		48.18	19.6	58.56	2	+9.43	4			16.48	u	5 36.4	0.3	-0.1	
142	10	54.86	7 10 40.5	56.50	1	+18.16	5		38.62	18.40	u	6 15.6	0.4	-0.3	4.8
143	11	40 20.68	7 0 13.0	22 22.12	1	+18.28	13		38.62	9.60	e	16 42.6	1.0	-0.3	4.7
144	12	13.02	6 54 3.7	23.13	2	+9.55	18		38.61	14.51	a	22 51.5	1.3	-0.2	4.7
145*	7	31.05	7 6 54.0	32.63	1	+18.20	8		38.63	16.35	o	10 1.6	0.6	+0.1	4.7
		31.25	53.7	41.57	2	+9.46	8			16.37	o	10 2.0	0.6	0.0	
146	13	43.14	6 55 55.4	53.27	2	+9.55	17		38.62	9.05	a	21 0.1	0.2	-0.2	4.6
147	11	57.71	6 54 56.3	59.08	1	+18.31	17		38.62	11.95	a	21 59.2	1.3	-0.3	4.5
148	10	41 0.92	6 57 33.8	23 11.10	2	+9.52	15		38.62	17.40	e	19 21.8	1.1	-0.2	4.5
149	12	6.78	7 12 47.8	17.18	2	+9.43	3		38.63	12.18	u	4 8.6	0.2	-0.1	4.5
150	13	17.41	6 54 19.3	27.53	2	+9.55	18		38.62	13.76	a	22 36.2	1.3	-0.2	4.4
151	13	20.88	6 53 57.9	31.00	2	+9.55	18		38.62	14.81	a	22 57.6	1.3	-0.2	4.4
152	13	26.83	6 56 1.9	36.97	2	+9.55	17		38.63	8.74	a	20 53.7	1.2	-0.2	4.4
153	11.5	31.67	7 5 45.2	41.96	2	+9.49	9		38.64	6.57	i	11 10.7	0.7	0.0	4.4
154	12.5	51.12	6 55 41.5	52.50	1	+18.31	17		38.63	9.75	a	21 14.3	1.2	-0.3	4.3
155	13	42 3.75	6 59 0.0	24 5.20	1	+18.28	14		38.64	13.20	e	17 56.1	1.0	-0.3	4.2
156	12	14.29	7 0 29.9	15.75	1	+18.28	13		38.64	8.80	e	16 26.2	1.0	-0.3	4.2
157	13	22.11	7 13 3.1	23.81	1	+18.16	3		38.66	11.45	u	3 53.7	0.2	-0.3	4.3
158	13	33.64	6 57 0.3	35.04	1	+18.31	16		38.64	5.90	a	19 55.7	1.2	-0.3	4.1
159	10	49.72	7 2 6.2	51.20	1	+18.28	12		38.65	4.09	e	14 50.1	0.9	-0.3	4.1
160	10	12 42 56.36	7 4 5.0	14 24 57.90	1	+18.24	0.10	0.02	38.65	11.49	i	12 51.1	0.8	0.0	4 4.1

1902ANSWi...18...LP

Nr.	Größe	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Delgr. in Bogen-mass	Ref.	Faden-neigung	Red.
161	12	12 ^h 43 ^m 14 ^s 16	7° 6' 17".7	14 ^h 25 ^m 24 ^s 48	2	+ 9.49	0.08	0.02	38.66	5.00	i	10' 38".7	0.6	0.0	4' 4".0
162	10	32.73	7 0 18.9	34.20	1	+ 18.28	13	2	38.65	9.35	e	16 37.5	1.0	-0.3	3.9
163	11	33.42	7 3 35.4	43.70	2	+ 9.49	11	2	38.65	12.95	i	13 20.9	0.8	0.0	3.9
164*	6	12 43 38.63	6 57 9.5	14 25 48.80	2	+ 9.55	16	2	38.65	5.45	a	19 46.6	1.2	-0.2	4 3.9
		38.54	6.5	58.26	3	0.00	0.16	0.02		5.59	a	19 49.4	1.2	0.0	

- | | | | |
|----|--------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------------------------|
| 5 | A. G. | 129 | A. G.; Ll. Boss. 1748; Weisse 617. |
| 13 | A. G.; Kf. 476. | 145 | A. G.; Ll. Boss. 1765; Piazzì 178; Weisse 666. |
| 22 | Kf. 479; A. N. 105, 382. | | Tayl. 5877; Sa. 254; Paris 15703; Cord. G. C. 17413; 5 Wien. M.-B.; Münch. II. 4600; 4 Karlsr. M.-B. |
| 41 | A. G.; Weisse 390; Cambr. 1851; Yarn. 5316; Kf. 484. | | |
| 96 | A. G.; Ll. 23627; Weisse 523; Cambr. 1851, 1852; Paris 15521; Münch. II. 4531. | 164 | A. G.; wie Nr. 190 von Zone 47. |

Zone 50: 1887, Mai 20.

Nr.	Größe	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Delgr. in Bogen-mass	Ref.	Faden-neigung	Red.
1	11	12 ^h 17 ^m 39 ^s 12	7° 16' 7".5	14 ^h 10 ^m 12 ^s 08	1	+ 18.33	0.17		38.30	7.71	a	20' 32".7	1.3	-0.3	4' 8".6
2	11	56.32	30 26.5	29.52	1	+ 18.22	5		38.31	5.21	o	6 14.2	0.4	+0.1	8.6
3	10.5	18 15.62	26 37.2	48.77	1	+ 18.25	8		38.32	3.27	i	10 3.4	0.6	0.0	8.6
4	12	16.07	30 20.7	58.04	2	+ 9.46	5		38.32	5.50	o	6 20.1	0.4	0.0	8.6
5	12	15.74	33 22.6	11 7.19	3	0.00	3		38.32	9.72	u	3 18.4	0.2	0.0	8.6
6	12	29.95	15 5.4	11.68	2	+ 9.56	18		38.31	10.75	a	21 34.7	1.4	-0.2	8.5
7	12.5	28.71	23 43.2	20.08	3	0.00	11		38.32	11.79	i	12 57.3	0.8	0.0	8.5
8	10	45.63	26 39.2	27.54	2	+ 9.49	8		38.32	3.18	i	10 1.5	0.6	0.0	8.5
9	12	52.46	17 4.8	34.22	2	+ 9.56	16		38.32	4.91	a	19 35.5	1.2	-0.2	8.5
10	11	54.74	22 8.3	46.10	3	0.00	12		38.32	3.21	e	14 32.1	0.9	0.0	8.5
11	10	49.04	18 33.7	49.97	4	- 9.60	15		38.32	13.70	e	18 6.3	1.1	+0.2	8.5
12	10	19 5.86	17 56.0	57.18	3	0.00	16		38.32	15.56	e	18 44.2	1.2	0.0	8.4
13	12	45.95	31 12.8	12 19.22	1	+ 18.18	5		38.34	16.10	u	5 28.6	0.3	-0.3	8.4
		46.10	20.0	37.56	3	0.00	4			15.73	u	5 21.1	0.3	0.0	
14	12.5	48.43	14 28.7	30.17	2	+ 9.56	19		38.33	12.55	a	22 11.5	1.4	-0.2	8.4
15	12	20 5.75	15 35.7	47.50	2	+ 9.56	18		38.33	9.28	a	21 4.7	1.3	-0.2	8.3
16	12	14.62	25 5.6	56.53	2	+ 9.49	10		38.34	7.77	i	11 35.2	0.7	0.0	8.3
17	12	24.96	33 48.1	58.27	1	+ 18.18	2		38.35	8.50	u	2 53.5	0.2	-0.3	8.3
18	12.5	36.68	28 3.0	13 9.90	1	+ 18.22	7		38.35	12.25	o	8 37.9	0.5	+0.1	8.3
19	9	46.51	15 14.7	19.50	1	+ 18.33	18		38.34	10.31	a	21 25.8	1.4	-0.3	8.2
20	11	40.87	18 13.9	22.70	2	+ 9.52	15		38.34	14.70	e	18 26.7	1.2	-0.2	8.2
21	9	50.23	20 15.6	32.08	2	+ 9.52	14		38.35	8.75	e	16 25.2	1.0	-0.2	8.2
22	9	21 44.99	27 13.1	14 18.18	1	+ 18.25	8		38.36	1.54	i	9 28.0	0.6	0.0	8.1
23	12	52.84	14 49.5	25.85	1	+ 18.33	18		38.36	11.55	a	21 51.1	1.4	-0.3	8.1
24	10	22 0.86	23 13.7	34.03	1	+ 18.25	11		38.37	13.25	i	13 27.1	0.9	0.0	8.1
25	12.5	21 56.71	27 41.6	48.16	3	0.00	8		38.37	13.31	o	8 59.5	0.6	0.0	8.1
26	11.5	22 15.35	25 51.1	57.30	2	+ 9.49	9		38.37	5.55	i	10 49.9	0.7	0.0	8.1
27*	9	11.34	35 19.5	15 2.87	3	0.00	1		38.38	4.02	u	1 22.1	0.1	0.0	8.1
28	9.5	33.10	15 16.9	14.89	2	+ 9.56	18		38.37	10.21	a	21 23.7	1.4	-0.2	8.0
29	12	42.07	33 44.5	24.16	2	+ 9.43	2		38.38	8.68	u	2 57.2	0.2	-0.1	8.0
		41.99	49.8	51.50	5	- 17.99	2			8.40	u	2 51.5	0.2	+0.3	
30	12	23 0.77	22 30.8	33.90	1	+ 18.29	12		38.38	2.15	e	14 10.5	0.9	-0.3	7.9
31	12	22 58.97	22 30.9	40.87	2	+ 9.52	12		38.38	2.14	e	14 10.3	0.9	-0.2	7.9
32*	10	23 24.32	18 24.4	57.38	1	+ 18.33	15		38.38	1.05	a	18 16.7	1.2	-0.3	7.8
33	12.5	12 23 19.23	7 28 35.6	14 16 10.71	3	0.00	0.07		38.39	10.68	o	8 5.8	0.5	0.0	4 7.9

ZONEN-BEOBACHTUNGEN.

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Delgr. in Bogen-mass	Ref.	Faden-neigung	Red.
34	12.5	$12^h 23^m 10^s.44$	$-7^\circ 27' 2''.1$	$14^h 16^m 19^s.93$	5	-18.03	0.08		38.38	15.26	o	9' 39".3	0.6	-0.1	4' 7".9
35	12.5	24.99	31 16.9	26.14	4	-9.65			38.39	15.90	u	5 24.6	0.3	+0.1	7.9
36	11	56...	30 30.8	30.68	1	+18.18			38.40	18.18	u	6 11.1	0.4	-0.3	7.8
		56.47	27.9	57.63	4	-9.65				18.30	u	6 13.6	0.4	+0.1	
37	9	45.75	28 45.5	37.23	3	0.00			38.39	10.20	o	7 56.0	0.5	0.0	7.8
38	9.5	42.29	30 8.2	43.42	4	-9.63			38.39	6.15	o	6 33.3	0.4	0.0	7.9
39	11	24 5.17	27 56.0	47.20	2	+9.46			38.40	12.62	o	8 45.4	0.6	0.0	7.8
40	12	7.64	26 56.6	59.12	3	0.00			38.40	15.53	o	9 44.8	0.6	0.0	7.8
41	12	23 59.56	17 22.8	17 9.05	5	-18.10			38.39	17.20	e	19 17.7	1.2	+0.3	7.8
42	13	24 9.24	16 57.7	10.22	4	-9.60			38.39	18.53	e	19 44.9	1.3	+0.2	7.7
43	11	6.10	18 29.1	15.60	5	-18.10			38.39	13.95	e	18 11.4	1.2	+0.3	7.8
44*	9.5	15.28	20 36.0	24.80	5	-18.10		0.01	38.40	7.75	e	16 4.8	1.0	+0.3	7.7
45	10	44.37	16 53.7	35.75	3	0.00			38.40	5.48	a	19 47.2	1.3	0.0	7.6
46	11	47.90	22 12.4	39.33	3	0.00			38.40	3.05	e	14 28.9	0.9	0.0	7.6
47	12.5	36.36	20 51.5	45.88	5	-18.10			38.40	6.99	e	15 49.3	1.0	+0.3	7.7
48	10.5	59.49	30 42.0	51.00	3	0.00			38.41	4.50	o	5 59.7	0.4	0.0	7.7
49*	9	25 0.17	28 2.7	18 1.29	4	-9.63			38.41	12.30	o	8 38.9	0.5	0.0	7.7
50	11	0.97	21 6.7	10.50	5	-18.10			38.41	6.25	e	15 34.2	1.0	+0.3	7.6
51	11	27.08	30 1.3	18.59	3	0.00			38.42	6.50	o	6 40.5	0.4	0.0	7.6
52	10.5	43.46	31 53.6	25.53	2	+9.46			38.42	1.01	o	4 48.4	0.3	0.0	7.5
53	10	52.10	22 41.3	34.03	2	+9.52			38.42	1.65	e	14 0.3	0.9	-0.2	7.5
54	13	57.62	27 57.3	49.12	3	0.00			38.42	12.57	o	8 44.4	0.6	0.0	7.5
55	11	26 16.69	31 32.9	58.80	2	+9.43			38.43	15.15	u	5 9.3	0.3	-0.1	7.4
56	12	14.03	19 22.8	19 5.45	3	0.00			38.42	11.36	e	17 18.5	1.1	0.0	7.4
57	11	32.20	18 51.6	14.10	2	+9.52			38.42	12.90	e	17 49.9	1.1	-0.2	7.4
58	11.5	35.86	25 3.6	17.84	2	+9.49			38.42	7.91	i	11 38.1	0.7	0.0	7.4
59	11	51.47	24 36.7	24.70	1	+18.25			38.43	9.23	i	12 5.0	0.8	0.0	7.3
60	9	44.56	29 59.5	26.63	2	+9.46			38.44	6.60	o	6 42.5	0.4	0.0	7.4
61	11	52.24	23 45.2	34.22	2	+9.49			38.43	11.75	i	12 56.5	0.8	0.0	7.3
62	11	53.37	30 7.2	35.44	2	+9.46			38.44	6.22	o	6 34.8	0.4	0.0	7.4
63	11.5	49.26	19 56.4	40.70	3	0.00			38.43	9.72	e	16 45.0	1.1	0.0	7.3
64	10	27 4.30	24 53.1	46.30	2	+9.49			38.44	8.43	i	11 48.7	0.7	0.0	7.3
65	12	2.05	31 3.9	53.59	3	0.00			38.44	3.45	o	5 38.2	0.4	0.0	7.3
66	11	15.85	34 17.5	58.00	2	+9.43			38.45	7.10	u	2 24.9	0.2	-0.1	7.3
67	12	24.39	27 17.2	20 6.44	2	+9.46			38.44	14.55	o	9 24.8	0.6	0.0	7.2
68	12	20.44	29 15.9	11.97	3	0.00			38.44	8.74	o	7 26.2	0.5	0.0	7.2
69	9	35.38	15 4.6	26.79	3	0.00			38.44	10.84	a	21 36.6	1.4	0.0	7.2
70	13	41.67	17 29.8	33.10	3	0.00			38.44	16.90	e	19 11.6	1.2	0.0	7.2
71	10.5	53.36	18 47.8	44.80	3	0.00			38.44	13.09	e	17 53.8	1.1	0.0	7.1
72*	9	28 13.97	21 59.2	55.96	2	+9.49			38.45	16.95	i	14 42.6	0.9	0.0	7.1
73	11	24.19	24 30.6	21 6.20	2	+9.49			38.45	9.54	i	12 11.3	0.8	0.0	7.1
74	10.5	25.99	24 23.4	8.00	2	+9.49			38.45	9.89	i	12 18.5	0.8	0.0	7.1
75	10	25.98	32 57.8	17.56	3	0.00			38.46	11.01	u	3 44.7	0.2	0.0	7.1
76	11	53.18	21 34.5	26.37	1	+18.29			38.46	4.95	e	15 7.6	1.0	-0.3	7.0
		53.18	34.7	54.27	4	-9.61				18.15	i	15 7.1	1.0	0.0	
77	10	49.90	32	32.04	2	+9.43			38.46		u				
		49.96	1.6	41.53	3	0.00				13.76	u	4 40.9	0.3	0.0	7.0
78	12	29 15.22	27 9.3	22 6.76	3	0.00			38.47	14.95	o	9 33.0	0.6	0.0	6.9
79	11	31.20	17 17.9	13.13	2	+9.52			38.46	17.51	e	19 24.0	1.2	-0.2	6.9
80	9.5	27.55	28 23.5	19.10	3	0.00			38.47	11.32	o	8 18.9	0.5	0.0	6.9
81	13	48.25	25 39.7	30.30	2	+9.49			38.48	6.17	i	11 2.5	0.7	0.0	6.9
82	11.5	59...	15 28.3	50.95	3	0.00			38.47	9.71	a	21 13.5	1.3	0.0	6.7
83	12	30 17.04	26 29.3	59.09	2	+9.49			38.48	3.75	i	10 13.2	0.6	0.0	6.7
84	11	12 30 33.72	-7 23 47.1	14 23 7.00	1	+18.25	0.11	0.01	38.49	11.69	i	12 55.2	0.8	0.0	4 6.7

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Dclgr. in Bogen-mass	Ref.	Faden-neigung	Red.	
85	12	12 ^h 30 ^m 36 ^s .76	7°33'55".0	14 ^h 23 ^m 18 ^s .95	2	+ 9.43	0 ^s .02	0 ^s .01	—	38 ^s .49	8 ^r .23	u	2' 48".0	0 ^s .2	—0".1	4' 6".7
86	11	50.49	24 40.0	23.78	1	+18.25	10	1	38.49	9.10	i	12 2.4	0.8	0.0	6.6	
87	12.5	57.54	27 23.6	30.88	1	+18.22	8	1	38.49	14.26	o	9 18.9	0.6	+0.1	6.6	
88	12	49.45	13 15.7	40.88	3	0.00	20	1	38.48	16.20	a	23 26.0	1.5	0.0	6.6	
89	12.5	31 5.75	22 49.3	47.78	2	+ 9.49	12	1	38.49	14.52	i	13 53.0	0.9	0.0	6.6	
90	10.5	18.46	28 2.8	24 0.58	2	+ 9.46	7	1	38.50	12.35	o	8 39.9	0.5	0.0	6.6	
91	12	37.30	23 1.9	19.35	2	+ 9.49	11	1	38.50	13.91	i	13 40.5	0.9	0.0	6.5	
92	9.5	40.96	34 25.3	23.17	2	+ 9.43	2	1	38.51	6.76	u	2 18.0	0.1	—0.1	6.5	
93	11.5	40.73	27 31.6	32.30	3	0.00	8	1	38.50	0.71	i	9 11.1	0.6	0.0	6.5	
94	12	50.54	16 59.9	42.02	3	0.00	17	1	38.50	5.24	a	19 42.3	1.2	0.0	6.4	
		50.78	61.1	25 0.40	5	—18.14	17	1		5.17	a	19 40.8	1.2	+0.3		
95	11.5	32 15.45	26 20.4	24 48.77	1	+18.25	9	1	38.51	4.20	i	10 22.3	0.7	0.0	6.4	
96	10.5	0.09	21 57.5	51.62	3	0.00	12	1	38.50	3.84	e	14 45.0	0.9	0.0	6.4	
97	10	32.48	28 15.5	25 5.86	1	+18.22	7	1	38.52	11.74	o	8 27.4	0.5	+0.1	6.3	
98*	8	36.89	13 48.1	18.80	2	+ 9.56	19	1	38.51	14.64	a	22 54.1	1.5	—0.2	6.3	
99*	5	47.56	18 27.9	29.55	2	+ 9.52	15	1	38.51	14.11	e	18 14.6	1.2	—0.2	6.3	
		47.62	25.5	57.23	5	—18.10	15	1		14.20	e	18 16.5	1.2	+0.3		
100	10	33 1.66	19 43.9	34.90	1	+18.29	14	1	38.52	10.40	e	16 58.9	1.1	—0.3	6.2	
101*	9	32 55.40	20 37.6	46.94	3	0.00	13	1	38.52	7.76	e	16 5.0	1.0	0.0	6.2	
102	10.5	59.12	26 19.3	26 8.77	5	—18.07	9	1	38.52	4.26	i	10 23.6	0.7	0.0	6.2	
103	12.5	33 11.17	23 21.0	12.34	4	— 9.61	11	1	38.52	12.99	i	13 21.8	0.8	0.0	6.2	
104	10	41.42	16 7.9	23.36	2	+ 9.56	17	1	38.52	7.81	a	20 34.7	1.3	—0.2	6.1	
105	11.5	46.79	24 36.5	28.88	2	+ 9.49	10	1	38.53	9.30	i	12 6.4	0.8	0.0	6.1	
106	11	43.55	32 32.3	35.20	3	0.00	4	1	38.54	12.30	u	4 11.1	0.3	0.0	6.1	
107	12	55.10	27 9.1	37.24	2	+ 9.46	8	1	38.53	15.00	o	9 34.0	0.6	0.0	6.1	
108	11	34 4.11	21 21.1	46.14	2	+ 9.52	13	1	38.53	5.65	e	15 21.9	1.0	—0.2	6.0	
109	12	29.62	23 48.7	27 2.95	1	+18.25	11	1	38.54	11.65	i	12 54.4	0.8	0.0	5.9	
110	12.5	36.97	23 30.1	10.30	1	+18.25	11	1	38.54	12.56	i	13 13.0	0.8	0.0	5.9	
111	11.5	41.43	27 43.7	14.83	1	+18.22	8	1	38.55	13.31	o	8 59.5	0.6	+0.1	5.9	
112	11.5	31.55	12 55.3	23.03	3	0.00	20	1	38.53	17.24	a	23 47.2	1.4	0.0	5.9	
113	10	52.69	24 29.1	34.80	2	+ 9.49	10	1	38.55	9.67	i	12 14.0	0.8	0.0	5.9	
114	11	49.64	26 11.9	41.25	3	0.00	9	1	38.55	4.64	i	10 31.3	0.7	0.0	5.9	
115	13	35 5.81	24 37.0	47.92	2	+ 9.49	10	1	38.55	9.29	i	12 6.2	0.8	0.0	5.8	
116	10.5	35.91	17 3.8	28 9.12	1	+18.33	16	1	38.55	5.10	a	19 39.4	1.2	—0.3	5.7	
117	13	38.45	19 37.4	20.49	2	+ 9.52	14	1	38.55	10.74	e	17 5.8	1.1	—0.2	5.7	
118	10.5	56.82	16 53.4	30.02	1	+18.33	17	1	38.55	5.61	a	19 49.8	1.3	—0.3	5.6	
119	12	52.36	28 38.6	44.00	3	0.00	7	1	38.56	10.64	o	8 5.0	0.5	0.0	5.7	
120	11	36 12.85	24 35.7	54.98	2	+ 9.49	10	1	38.57	9.36	i	12 7.7	0.8	0.0	5.6	
121	11.5	16.80	25 48.3	58.94	2	+ 9.49	9	1	38.57	5.81	i	10 55.2	0.7	0.0	5.6	
122	11	49.63	16 11.9	29 22.85	1	+18.33	17	1	38.57	7.65	a	20 31.5	1.3	—0.3	5.4	
123	12	55.37	17 42.9	28.60	1	+18.33	16	1	38.57	3.20	a	19 0.6	1.2	—0.3	5.4	
124	12	37 12.51	23 12.1	45.88	1	+18.25	11	1	38.58	13.46	i	13 31.4	0.9	0.0	5.4	
125	12	19.40	17 47.3	52.67	1	+18.29	16	1	38.57	16.15	e	18 56.3	1.2	—0.3	5.3	
126	11.5	24.50	13 32.7	30 6.47	2	+ 9.56	19	1	38.57	15.44	a	23 10.5	1.5	—0.2	5.3	
127	12.5	37.31	16 18.2	10.54	1	+18.33	17	1	38.58	7.35	a	20 25.3	1.3	—0.3	5.3	
128*	8.5	38.66	35 16.7	20.96	2	+ 9.43	1	1	38.59	4.30	u	1 27.8	0.1	—0.1	5.3	
129	11	42.92	35 4.5	25.23	2	+ 9.43	1	1	38.60	4.90	u	1 40.0	0.1	—0.1	5.3	
130	10.5	40.54	33 27.5	32.25	3	0.00	3	1	38.59	9.64	u	3 16.8	0.2	0.0	5.3	
131	11.5	38 16.82	28 42.5	50.28	1	+18.22	7	1	38.60	10.47	o	8 1.5	0.5	+0.1	5.2	
132	9	51.64	20 58.9	31 24.97	1	+18.29	13	1	38.60	6.79	e	15 45.2	1.0	—0.3	5.0	
133	10	39 10.33	28 53.3	43.80	1	+18.22	7	1	38.61	9.95	o	7 50.9	0.5	+0.1	5.0	
134	11	11.01	32 49.9	44.56	1	+18.18	3	1	38.61	11.51	u	3 55.0	0.2	—0.3	5.0	
135	11	12 39 20.47	7 29 18.7	14 53.94	1	+18.22	6	2	38.61	8.71	o	7 25.6	0.5	+0.1	4 4.9	
		20.50		32 21.82	4	— 9.63	0.06	0.02		7.95	o					

ZONEN-BEOBACHTUNGEN.

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Refr. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Dclgr. in Bogen-mass	Refr.	Faden-neigung	Red.
136	12	12 ^h 39 ^m 11 ^s .56	7°13'26".4	14 ^h 32 ^m 3 ^s .10	3	0 ^s .00	0 ^s .20	0 ^s .02	38 ^s .60	15 ^s .76	a	23'17".0	1 ^s .75	0 ^s .0	4'4 ^s .9
137	10.5	32.21	32 2.0	14.50	2	+ 9.43	4	2	38.62	13.85	u	4 42.7	0.3	-0.1	4.9
138	10	58.80	23 23.3	32.20	1	+18.25	11	2	38.62	12.95	i	13 20.9	0.8	0.0	4.8
139	11	58.42	35 5.2	40.75	2	+ 9.43	1	2	38.63	4.89	u	1 39.8	0.1	-0.1	4.8
140	11.5	40 3.07	28 28.7	45.30	2	+ 9.46	7	2	38.62	11.17	o	8 15.8	0.5	0.0	4.8
141	11	17.69	27 59.4	51.16	1	+18.22	7	2	38.62	12.60	o	8 45.0	0.6	+0.1	4.7
142	10.5	33.85	19 39.8	33 7.18	1	+18.29	14	2	38.62	10.68	e	17 4.6	1.1	-0.3	4.6
143	12	56.51	24 20.5	29.93	1	+18.25	10	2	38.63	10.16	i	12 24.0	0.8	0.0	4.5
144	12	41 0.24	22 10.7	33.60	1	+18.29	12	2	38.63	3.30	e	14 34.0	0.9	-0.3	4.5
145	9.5	15.09	24 11.5	48.50	1	+18.25	11	2	38.63	10.60	i	12 33.0	0.8	0.0	4.5
146	12	19.83	17 2.8	53.10	1	+18.33	17	2	38.63	5.21	a	19 41.7	1.2	-0.3	4.4
147	11	49.78	31 6.5	34 23.30	1	+18.22	5	2	38.65	3.46	o	5 38.4	0.4	+0.1	4.4
148*	8	42 1.14	21 35.1	34.50	1	+18.29	13	2	38.64	5.05	e	15 9.7	1.0	-0.3	4.3
149	11	10.27	25 16.1	52.47	2	+ 9.49	10	2	38.65	7.45	i	11 28.7	0.7	0.0	4.3
150	10	22.61	32	56.19	1	+18.18	4	2	38.66		u				
		22.55	22.9	35 4.88	2	+ 9.43	4	2	38.66	12.86	u	4 22.5	0.3	-0.1	4.2
151	10	24.66	33 25.2	7.00	2	+ 9.43	3	2	38.66	9.81	u	3 20.3	0.2	-0.1	4.2
152	11	39.68	32 23.7	13.26	1	+18.18	4	2	38.66	12.83	u	4 21.9	0.3	-0.3	4.2
153	10	48.43	19 45.0	21.79	1	+18.29	14	2	38.65	10.45	e	16 59.9	1.1	-0.3	4.1
154	10	52.59	20 49.2	25.96	1	+18.29	13	2	38.65	7.31	e	15 55.8	1.0	-0.3	4.1
155	11	40.99	30 34.9	32.74	3	0.00	5	2	38.66	5.02	o	6 10.3	0.4	0.0	4.2
156	10	43 2.92	21 35.4	36.30	1	+18.29	13	2	38.66	5.05	e	15 9.7	1.0	-0.3	4.0
157	13	42 50.36	22 8.6	42.03	3	0.00	12	2	38.65	3.41	e	14 36.2	0.9	0.0	4.1
158	12	43 3.08	18 39.2	45.17	2	+ 9.56	15	2	38.66	0.51	a	18 5.7	1.1	-0.2	4.0
159	11	30.24	25 21.2	36 3.70	1	+18.25	10	2	38.67	7.22	i	11 24.0	0.7	0.0	3.9
160	11	26.07	20 56.0	17.74	3	0.00	13	2	38.66	6.97	e	15 48.9	1.0	0.0	3.9
161	10	12 43 52.99	7 17 29.4	14 36 26.30	1	+18.33	0.16	0.02	38.66	3.94	a	19 15.7	1.2	-0.3	4 3.8

27 A. G.; Sj. 4491; Küstn. 410.
 32 Kf. 480; A. N. 105, 382.
 44 A. N. 105, 382.
 49 A. G.
 53 A. N. 105, 384.
 72 A. G.; Münch. II. 4500; A. N. 105, 384.
 98 A. G.; Ll. 23627; Ll. Boss. 1708; Weisse 523; Cambr. 1853; Paris 15521.
 99 A. G.; χ Virginis; Mayer 518; Bradl 1694; Ll. 23634/5; Ll. Boss. 1710; Piazzì 146; Weisse 527; Königsb. 37, 379; Tayl. 5817; Rümk. 4057; Arm. I. 2721; Sa. 243, 252; Melb. 710; 101 A. G.; Ll. 23641; Ll. Boss. 1712; Piazzì 147; Weisse 528; Tayl. 6720; Cambr. 1854; Quet. 5177; 7 Y. C. 996; Paris 15529; Cord. G. C. 17230.
 128 A. G.; Weisse 614.
 148 A. G.; Münch. II. 4614.
 Cap. 1850, 2261; Cambr. 1853, 1854, 1856, 1860; Pulk. VIII. 1905; Rog. 549; Cap. 1860, 2261; Yarn. 5382; 7 Y. C. 995; N. 7 C. 1504; 10 Y. C. 1976; Madr. 1863, 1864; Quet. 5175; Paris 15524; Cord. G. C. 17223; Cap. 1885, 889; Kf. 494; 3 Wien. M.-B.; Radcl. III. 3286; Newc. 590; Berl. Jahrb.

Zone 51: 1888, April 17.

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Refr. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Dclgr. in Bogen-mass	Refr.	Faden-neigung	Red.
1*	8	12 ^h 17 ^m 28 ^s .74	7°40'30".6	11 ^h 10 ^m 4 ^s .75	1	+18 ^s .25	0 ^s .05		41 ^s .31	9 ^s .40	i	12' 8".5	0 ^s .7	0 ^s .0	4'27".6
2	12	35.92	45 25.0	20.73	2	+ 9.47	3		41.31	8.16	o	7 14.4	0.4	0.0	27.6
3	9.5	51.33	49 4.7	27.45	1	+18.18	2		41.32	10.54	u	3 35.2	0.2	-0.3	27.6
4	11	56.65	30 24.3	41.30	2	+ 9.56	10		41.31	12.70	a	22 14.5	1.2	-0.2	27.6
5	12	18 17.12	35 55.3	53.07	1	+18.29	8		41.32	9.67	e	16 44.0	0.9	-0.3	27.5
6	12	6.80	48 59.0	11 1.10	3	0.00	2		41.32	10.81	u	3 40.7	0.2	0.0	27.5
7	12	16.37	30 13.3	10.58	3	0.00	10		41.31	13.23	a	22 25.4	1.2	0.0	27.5
8	11.5	12 19 3.44	7 48 58.6	11 11 39.57	1	+18.18	0.02		41.33	10.85	u	3 41.5	0.2	-0.3	4 27.4

ZONEN-BEOBACHTUNGEN

Nr.	Größe	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadeneig.	Uhr-gang	Red.	Declino-graph	Faden	Delgr. in Bogen-mass	Ref.	Faden-neigung	Red.
63	10	12 ^h 28 ^m 49 ^s .83	7°32' 0".7	11 ^h 21 ^m 25 ^s .85	1	+18.33	0.809		41.44	8.07	a	20' 40".0	1.1	-0.3	4' 25".9
64	11	54.60	45 50.5	30.80	1	+18.22			41.45	6.99	o	6 50.5	0.4	+0.1	25.9
65	13	52.34	34 31.4	46.70	3	0.00			41.44	13.84	e	18 9.1	1.0	0.0	25.9
66	10	29 13.93	37 7.6	58.78	2	+9.53			41.45	6.20	e	15 33.2	0.9	-0.2	25.9
67	12	35.10	40 40.8	22 11.25	1	+18.25			41.45	8.99	i	12 0.1	0.7	0.0	25.8
68	12	35.76	50 42.0	20.77	2	+9.44			41.46	5.86	u	1 59.6	0.1	-0.1	25.8
69	10	47.48	36 42.5	23.57	1	+18.29			41.45	7.44	e	15 58.5	0.9	-0.3	25.8
70	9.5	48.09	36 50.4	32.94	2	+9.53			41.45	7.05	e	15 50.5	0.9	-0.2	25.8
71	10	53.81	31 2.9	38.60	2	+9.56	10		41.45	10.90	a	21 37.8	1.2	-0.2	25.7
72	11.5	30 6.63	44 0.1	51.58	2	+9.47			41.46	12.41	o	8 41.1	0.5	0.0	25.7
73	11	29 56.01	49 56.7	23 0.12	4	-9.65			41.47	8.07	u	2 44.7	0.2	+0.1	25.7
74	11	30 29.21	35 54.6	5.30	1	+18.29			41.46	9.80	e	16 46.6	0.9	-0.3	25.6
75	11.5	23.30	39 44.5	8.20	2	+9.50			41.46	11.75	i	12 56.5	0.7	0.0	25.7
76	11	23.59	50 28.7	18.05	3	0.00			41.47	6.51	u	2 12.9	0.1	0.0	25.7
77	12	37.15	33 56.5	21.97	2	+9.56			41.46	2.41	a	18 44.5	1.0	-0.2	25.6
78*	7	54.12	36 43.5	30.23	1	+18.29			41.47	7.40	e	15 57.7	0.9	-0.3	25.6
		54.03	42.6	48.43	3	0.00				7.43	e	15 58.3	0.9	0.0	
79	12	32.17	41 6.0	36.20	4	-9.61			41.47	7.77	i	11 35.2	0.6	0.0	25.6
80	11	31 21.10	49 14.8	57.38	1	+18.18			41.48	10.15	u	3 27.2	0.2	-0.3	25.5
81	12	28.81	36 59.1	24 4.93	1	+18.29			41.48	6.65	e	15 42.3	0.9	-0.3	25.4
82	11	31.10	44 30.1	7.32	1	+18.22			41.48	10.95	o	8 11.3	0.5	+0.1	25.4
83	9.5	41.06	34 23.7	17.13	1	+18.33			41.48	1.09	a	18 17.6	1.0	-0.3	25.4
84	10.5	32 6.37	44 14.7	42.60	1	+18.22			41.49	11.71	o	8 26.8	0.5	+0.1	25.3
85	10.5	9.69	39 6.2	45.87	1	+18.25			41.49	13.65	i	13 35.2	0.7	0.0	25.3
86	10	14.02	49 52.6	50.33	1	+18.18			41.50	8.31	u	2 49.6	0.2	-0.3	25.3
87	9	16.11	41 48.8	52.30	1	+18.25			41.49	5.69	i	10 52.7	0.6	0.0	25.3
88	10	12.65	45 35.1	57.64	2	+9.47			41.49	7.78	o	7 6.6	0.4	0.0	25.3
89	9.5	35.01	36 16.4	25 11.14	1	+18.29			41.49	8.75	e	16 25.2	0.9	-0.3	25.2
90	11.5	46.36	44 12.7	22.60	1	+18.22			41.50	11.81	o	8 28.9	0.5	+0.1	25.2
91	13	50.62	47 28.9	26.92	1	+18.18			41.50	15.35	u	5 13.3	0.3	-0.3	25.2
92	12	52.99	48 16.5	38.03	2	+9.44			41.50	13.01	u	4 25.6	0.2	-0.1	25.2
93	9.5	33 1.44	37 9.1	46.33	2	+9.53			41.49	6.17	e	15 32.5	0.9	-0.2	25.1
94	11	13.11	33 26.8	49.18	1	+18.33			41.49	3.89	a	19 14.7	1.1	-0.3	25.1
95	11	10.00	45 37.5	55.00	2	+9.47			41.50	7.67	o	7 4.4	0.4	0.0	25.1
96	12.5	15.57	36 4.1	26 0.47	2	+9.53			41.50	9.35	e	16 37.5	0.9	-0.2	25.1
97	13	34.19	48 49.0	10.50	1	+18.18			41.51	11.44	u	3 53.5	0.2	-0.3	25.0
98	11	43.62	32 30.6	19.70	1	+18.33			41.50	6.65	a	20 11.0	1.1	-0.3	25.0
99	12	37.28	50 55.1	31.78	3	0.00			41.51	5.25	u	1 47.2	0.1	0.0	25.0
100	13	34 1.63	36 5.6	37.78	1	+18.29			41.51	9.29	e	16 36.2	0.9	-0.3	25.0
101	13	6.93	49 6.4	43.25	1	+18.18			41.52	10.59	u	3 36.2	0.2	-0.3	24.9
102*	7	12.93	45 27.8	49.20	1	+18.22			41.52	8.15	o	7 14.2	0.4	+0.1	24.9
		13.11	23.9	58.13	2	+9.47				8.35	o	7 18.2	0.4	0.0	
103	13	30.42	42 6.3	27 6.64	1	+18.25			41.52	4.85	i	10 35.6	0.6	0.0	24.9
104	13	32.60	50 7.0	8.94	1	+18.18			41.53	7.63	u	2 35.7	0.1	-0.3	24.9
105	13	35.99	43 52.1	21.00	2	+9.47			41.52	12.84	o	8 49.9	0.5	0.0	24.9
106	13	35 5.33	43 40.4	41.60	1	+18.22			41.53	13.42	o	9 1.7	0.5	+0.1	24.7
107	12.5	11.70	43 52.0	47.97	1	+18.22			41.53	12.85	o	8 50.1	0.5	+0.1	24.7
108	12	17.81	41 11.0	54.04	1	+18.25			41.53	7.57	i	11 31.1	0.6	0.0	24.7
109	12	12.32	38 10.3	28 6.77	3	0.00			41.52	16.41	i	14 31.6	0.8	0.0	24.7
110	13	34 58.49	36 40.1	11.04	5	-18.10			41.52	7.58	e	16 1.3	0.9	+0.3	24.8
111	11	35 27.41	36 58.0	21.87	3	0.00			41.53	6.72	e	15 43.8	0.9	0.0	24.7
112	11	32.03	39 28.0	26.50	3	0.00			41.53	12.61	i	13 14.0	0.7	0.0	24.7
113	12	32.23	49 13.4	36.40	4	-9.65			41.54	10.24	u	3 29.0	0.2	+0.1	24.7
114	12.5	43.33	47 23.9	37.85	3	0.00			41.54	15.61	u	5 18.6	0.3	0.0	24.6
115	13	12 36 33.00	7 47 41.9	11 29 9.35	1	+18.18	0.02		41.55	14.75	u	5 1.1	0.3	-0.3	4 24.4

1902ANSWI...LP

Nr.	Größe	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenn eig.	Uhr-gang	Red.	Declino-graph	Faden	Declgr. in Bogen-mass	Ref.	Faden-neigung	Red.
116	13	12 ^h 36 ^m 36 ^s .33	7°43' 2"2	11 ^h 29 ^m 21 ^s .37	2	+ 9.47	0.04		41.55	15.31	o	9'40"3	0.5	0.0	4'24".4
117	10	44.28	48 20.6	29.37	2	+ 9.44			41.55	12.85	u	4 22.3	0.2	-0.1	24.4
118	12.5	56.80	36 28.0	32.98	1	+18.29			41.54	8.22	e	16 14.4	0.9	-0.3	24.4
		57.19	21.7	30 9.76	5	-18.10				8.50	e	16 20.1	0.9	+0.3	
119	13	51.64	46 35.3	29 46.16	3	0.00			41.55	18.00	u	6 7.4	0.3	0.0	24.4
120	9	37 15.27	47 55.5	51.63	1	+18.18			41.56	14.09	u	4 47.6	0.3	-0.3	24.3
121	10.5	19.44	47 32.6	55.80	1	+18.18			41.56	15.21	u	5 10.5	0.3	-0.3	24.3
122	12	12.90	48 14.6	58.00	2	+ 9.44			41.56	13.15	u	4 28.4	0.2	-0.1	24.3
123	10.5	23.20	50 35.5	30 27.40	4	- 9.65			41.56	6.24	u	2 7.4	0.1	+0.1	24.3
124*	8.5	38.95	35 14.7	33.42	3	0.00			41.55	11.80	e	17 27.5	1.0	0.0	24.2
125	10.5	41.08	33 24.1	35.54	3	0.00			41.55	4.05	a	19 18.0	1.1	0.0	24.2
126	13	32.24	32 37.9	44.84	5	-18.14			41.55	6.30	a	20 3.9	1.1	+0.3	24.2
127	11	43.05	35 2.7	47.12	4	- 9.60			41.55	12.38	e	17 39.3	1.0	+0.2	24.2
128	12.5	38 9.08	41 42.4	31 3.58	3	0.00			41.55	6.06	i	11 0.3	0.6	0.0	24.1
129	12.5	24.00	41 32.5	9.02	2	+ 9.50			41.57	6.55	i	11 10.3	0.6	0.0	24.0
130*	7	30.85	50 45.6	15.98	2	+ 9.44			41.58	5.77	u	1 57.8	0.1	-0.1	24.0
		30.93	46.9	25.50	3	0.00				5.70	u	1 56.4	0.1	0.0	
131	11	39.14	38 27.1	33.65	3	0.00			41.57	2.40	e	14 15.6	0.8	0.0	23.9
132	11	46.50	37 31.2	41.00	3	0.00			41.57	5.14	e	15 11.5	0.8	0.0	23.9
133	11.5	53.87	45 45.1	48.42	3	0.00			41.58	7.36	o	6 58.0	0.4	0.0	23.9
134	11	39 11.05	32 50.6	55.97	2	+ 9.56			41.57	5.72	a	19 52.1	1.1	-0.2	23.8
135	13	22.93	44 17.5	32 8.00	2	+ 9.47			41.58	11.65	o	8 25.6	0.5	0.0	23.8
136	13	32.97	46 45.6	9.35	1	+18.18			41.59	17.54	u	5 58.0	0.3	-0.3	23.8
137	10.5	32.50	31 59.8	17.42	2	+ 9.56			41.57	8.21	a	20 42.9	1.1	-0.2	23.8
138	11	43.16	41 29.5	28.19	2	+ 9.50			41.58	6.71	i	11 13.6	0.6	0.0	23.7
139	12.5	44.26	43 32.7	29.34	2	+ 9.47			41.59	13.85	o	9 10.5	0.5	0.0	23.7
140	12	41.10	38 45.0	35.62	3	0.00			41.58	14.76	i	13 57.9	0.8	0.0	23.7
141	10	40 3.96	49 24.5	40.37	1	+18.18			41.60	9.77	u	3 19.4	0.2	-0.3	23.6
142	13	1.49	42 14.8	46.53	2	+ 9.50			41.59	4.49	i	10 28.3	0.6	0.0	23.7
143	11	39 58.67	35 13.2	53.17	3	0.00			41.58	11.90	e	17 29.5	1.0	0.0	23.7
144	12	40 25.32	47 58.0	33 1.72	1	+18.18			41.60	14.00	u	4 45.8	0.3	-0.3	23.6
145	10.5	35.93	37 33.5	12.16	1	+18.29			41.59	5.06	e	15 9.9	0.8	-0.3	23.5
146	13	32.74	44 14.1	27.30	3	0.00			41.60	11.83	o	8 29.3	0.5	0.0	23.5
147	12	47.66	44 42.4	32.75	2	+ 9.47			41.60	10.45	o	8 1.1	0.4	0.0	23.5
148	12	52.68	47 18.1	37.82	2	+ 9.44			41.60	15.95	u	5 25.6	0.3	-0.1	23.5
149	13	41 3.96	48 4.1	49.11	2	+ 9.44			41.61	13.70	u	4 39.7	0.3	-0.1	23.4
150	11	13.54	43 35.0	58.63	2	+ 9.47			41.60	13.75	o	9 8.5	0.5	0.0	23.4
151	9	25.40	37 32.1	34 10.43	2	+ 9.50			41.60	18.35	i	15 11.2	0.8	0.0	23.3
152	12	29.81	48 20.0	24.40	3	0.00			41.61	12.93	u	4 23.9	0.2	0.0	23.3
153	11	35.75	39 48.2	30.30	3	0.00			41.61	11.69	i	12 55.2	0.7	0.0	23.3
154	11	49.96	31 12.5	34.90	2	+ 9.56			41.60	10.55	a	21 30.7	1.2	-0.2	23.2
155	11	42 4.08	40 16.6	40.38	1	+18.25			41.61	10.30	i	12 26.9	0.7	0.0	23.2
156	10	9.38	49 4.8	45.80	1	+18.18			41.62	10.76	u	3 39.6	0.2	-0.3	23.1
157	12	41 54.96	50 40.6	49.57	3	0.00			41.62	6.05	u	2 3.5	0.1	0.0	23.2
158	10	42 22.63	32 19.0	58.82	1	+18.33			41.61	7.31	a	20 24.5	1.1	-0.3	23.1
159	10	12 42 24.41	7 33 25.9	11 35 0.60	1	+18.33	0.09		41.61	4.03	a	19 17.6	1.1	-0.3	4 23.1

1	A. G.; Weisse 262; A. N. 81, 73; A. N. 111, 177; Cord. G. C. 17181; 10 Y. C. 1934.		4 Wien. M.-B.; 3 Karlsr. M.-B.; Gl. II. 1058; Radcl. III. 3278; Kf. 490.
23	A. G.; Sj. 4491.	102	A. G.; Ll. 23664; Weisse 549; Rümkl. 4065; Münch. I. 8336; Yarn. 5390; Sj. 4562; Paris 15551; Küstn. 416; Radcl. III. 3290.
41	Kf. 483.		
43	A. N. 81, 73; Kf. 485.		
78	A. G.; Ll. 23579/90; Ll. Boss. 1702; Weisse 494; Sa. 251; Cambr. 1853; Yarn. 5363; A. N. 111, 177; Arm. II. 1456; Paris 15493; Cord. G. C. 17181;	124	A. G.; Weisse 614.
		130	A. G.; Ll. 23760; Weisse 630; B. B. VI.; Paris 15646; 2 Karlsr. M.-B.; Radcl. III. 3312.

Zone 52: 1888, April 17.

Nr.	Grüsse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Refr. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Declgr. in Bogen-mass	Refr.	Faden-neigung	Red.
1	9.5	12 ^h 17 ^m 51 ^s 84	7° 49' 3"	11 ^h 51 ^m 18 ^s 30	1	+18.35	0.11		41.32	8.22	a	20' 43" 1	1.1	-0.3	4' 27.6
2	12	18 0.93	7 54 5.7	36.24	2	+9.54			41.33	6.57	e	15 40.7	0.8	-0.2	27.6
3	12	7.60	7 48 51.4	42.85	2	+9.57	11		41.33	8.79	a	20 54.7	1.1	-0.2	27.6
4	11	20.53	7 53 7.9	47.06	1	+18.31			41.33	9.40	e	16 38.5	0.9	-0.3	27.6
5	11	24.64	7 54 51.9	59.95	2	+9.54			41.33	4.31	e	14 54.6	0.8	-0.2	27.5
6	13	9.64	7 58 28.5	52 4.13	4	-9.62			41.33	6.92	i	11 17.9	0.6	0.0	27.6
7	11	52.17	7 58 55.8	18.78	1	+18.27			41.34	5.59	i	10 50.7	0.6	0.0	27.5
8	13	58.73	8 3 35.2	25.40	1	+18.24			41.34	5.08	o	6 11.5	0.3	+0.1	27.5
		59.07	33.3	43.98	3	0.00				5.18	o	6 13.5	0.3	0.0	
9	11.5	19 3.92	7 49 4.2	30.40	1	+18.35	11		41.34	8.17	a	20 42.1	1.1	-0.3	27.5
10	10	9.13	7 51 18.8	35.62	1	+18.35	10		41.34	1.58	a	18 27.6	1.0	-0.3	27.5
11	11.5	44.25	7 59 20.6	53 10.87	1	+18.27	6		41.35	4.38	i	10 26.0	0.6	0.0	27.4
12	12	46.31	8 6 20.1	13.04	1	+18.20	2		41.35	10.15	u	3 27.2	0.2	-0.3	27.4
13	12	51.95	8 3 40.2	18.63	1	+18.24	3		41.35	4.84	o	6 6.6	0.3	+0.1	27.4
14	13	51.24	7 49 18.5	26.50	2	+9.57	11		41.34	7.47	a	20 27.8	1.1	-0.2	27.4
15	10.5	20 2.27	7 53 33.5	28.82	1	+18.31	9		41.35	8.16	e	16 13.2	0.9	-0.3	27.3
16	13	5.37	7 50 41.8	40.65	2	+9.57	10		41.35	3.40	a	19 4.7	1.0	-0.2	27.3
17	13	16.58	8 1 20.2	43.26	1	+18.24	4		41.36	11.70	o	8 26.6	0.4	+0.1	27.3
18*	8	24.49	7 56 24.0	51.10	1	+18.27	7		41.35	13.03	i	13 22.6	0.7	0.0	27.3
19*	7	32.40	8 8 14.2	54 7.90	2	+9.45	1		41.36	4.56	u	1 33.1	0.1	-0.1	27.3
20	12	37.89	7 58 16.4	13.28	2	+9.51	6		41.36	7.53	i	11 30.3	0.6	0.0	27.3
21	10.5	41.50	8 2 34.8	16.94	2	+9.48	4		41.36	8.05	o	7 12.1	0.4	0.0	27.3
22	10.5	50.29	8 3 3.7	25.73	2	+9.48	4		41.36	6.64	o	6 43.3	0.4	0.0	27.2
23	10	53.14	7 50 52.9	28.42	2	+9.57	10		41.35	2.86	a	18 53.7	1.0	-0.2	27.2
24	13	21 3.79	7 48 25.0	39.07	2	+9.57	11		41.36	10.10	a	21 21.5	1.1	-0.2	27.2
25	12	13.72	7 56 29.6	49.10	2	+9.51	7		41.36	12.76	i	13 17.1	0.7	0.0	27.2
26	12	20.78	7 51 31.3	56.10	2	+9.54	10		41.36	14.15	e	18 15.4	1.0	-0.2	27.1
27	11.5	18.16	7 53 22.3	55 3.03	3	0.00	9		41.36	8.70	e	16 24.2	0.9	0.0	27.2
28*	6	30.42	7 59 4.4	5.82	2	+9.51	6		41.37	5.19	i	10 42.5	0.6	0.0	27.1
		30.70	3.9	25.23	4	-9.62	6			5.21	i	10 43.0	0.6	0.0	
29	12	21.31	8 3 37.4	15.89	4	-9.64	3		41.37	4.99	o	6 9.7	0.3	0.0	27.2
30	13	43.32	7 59 41.0	28.24	3	0.00	5		41.37	3.40	i	10 6.0	0.5	0.0	27.1
31	12	48.28	8 8 10.4	33.24	3	0.00	1		41.37	4.75	u	1 37.0	0.1	0.0	27.1
32	13	22 1.91	7 49 40.0	46.77	3	0.00	11		41.37	6.42	a	20 6.4	1.1	0.0	27.1
33	12	13.66	7 57 54.4	49.06	2	+9.51	6		41.37	8.62	i	11 52.6	0.6	0.0	27.0
34	13	4.54	8 2 12.5	59.11	4	-9.64	4		41.37	9.15	o	7 34.6	0.4	0.0	27.1
35	12	33.73	7 56 49.6	56 0.37	1	+18.27	7		41.38	11.79	i	12 57.3	0.7	0.0	27.0
36	13	31.23	8 0 1.9	16.16	3	0.00	5		41.38	15.55	o	9 45.2	0.5	0.0	27.0
37	12	47.12	8 3 58.1	22.62	2	+9.45	3		41.38	17.11	u	5 49.3	0.3	-0.1	27.0
38	9.5	49.68	7 55 44.2	25.08	2	+9.51	7		41.38	15.00	i	14 2.8	0.7	0.0	26.9
39	12	23 2.91	7 47 51.1	38.20	2	+9.57	12		41.38	11.77	a	21 55.6	1.2	-0.2	26.9
40	12	22 58.33	7 57 54.5	43.25	3	0.00	6		41.38	8.62	i	11 52.6	0.6	0.0	26.9
41	13	23 17.37	7 57 51.5	57 2.30	3	0.00	6		41.39	8.77	i	11 55.6	0.6	0.0	26.9
42	12	38.05	8 0 55.1	4.75	1	+18.24	5		41.39	12.95	o	8 52.1	0.5	+0.1	26.8
43	13	29.86	8 5 49.8	14.83	3	0.00	2		41.39	11.65	u	3 57.8	0.2	0.0	26.8
44	13	34.36	8 0 2.5	19.30	3	0.00	5		41.39	15.53	o	9 44.8	0.5	0.0	26.8
45	12	51.22	7 55 54.5	26.63	2	+9.51	7		41.39	14.50	i	13 52.6	0.7	0.0	26.8
46	12	54.15	8 4 10.8	29.67	2	+9.45	3		41.40	16.50	u	5 36.8	0.3	-0.1	26.8
47	12	24 6.22	7 49 7.0	41.53	2	+9.57	11		41.39	8.07	a	20 40.0	1.1	-0.2	26.7
48	10.5	22.02	7 47 41.6	48.54	1	+18.35	12		41.39	12.25	a	22 5.4	1.2	-0.3	26.7
49	12	10.39	8 8 18.9	55.38	3	0.00	1		41.40	4.35	u	1 28.8	0.1	0.0	26.8
50	13	12 24 30.80	8 2 48.4	11 58 6.28	2	+9.48	0.04		41.40	7.41	o	6 59.1	0.4	0.0	4 26.7

1902ANSWi...16...LP

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Delgr. in Bogen-mass	Ref.	Faden-neigung	Red.
51	10.5	12 ^h 24 ^m 44 ^s .08	7° 49' 19".2	11 ^h 58 ^m 10 ^s .62	1	+18.35	0.11		41.40	7.48	a	20' 28".0	1.1	-0.3	4' 26".6
52	11	47.80	7 59 51.0	14.48	1	+18.27	5		41.40	2.93	i	9 56.4	0.5	0.0	26.7
53	10	51.62	8 0 35.9	18.34	1	+18.24	5		41.41	13.90	o	9 11.5	0.5	+0.1	26.6
54	9	5.24	7 58 39.3	31.92	1	+18.27	6		41.41	6.44	i	11 8.1	0.6	0.0	26.6
55*	9	9.13	7 49 51.5	35.67	1	+18.35	11		41.40	5.90	a	19 55.7	1.1	-0.3	26.6
56	11	22.93	8 0 56.3	49.65	1	+18.24	5		41.41	12.90	o	8 51.1	0.5	+0.1	26.6
57	13	30.45	7 50 1.8	57.04	1	+18.31	11		41.41	18.56	e	19 45.5	1.1	-0.3	26.5
58*	8	34.22	7 55 16.9	59 0.88	1	+18.27	8		41.41	16.35	i	14 30.4	0.8	0.0	26.5
59	13	37.18	7 47 43.4	22.07	3	0.00	12		41.41	12.16	a	22 3.5	1.2	0.0	26.5
60	13	38.65	8 4 1.7	33.30	4	-9.66	3		41.42	16.95	u	5 46.0	0.3	+0.1	26.5
61	13	26 3.87	8 5 66.1	39.42	2	+9.45	2		41.42	10.87	u	3 41.9	0.2	-0.1	26.5
		3.81	58.6	12 0 6.83	5	-18.02	2			11.22	u	3 49.0	0.2	+0.3	
62	9	16.78	7 57 16.6	11 59 43.46	1	+18.27	7		41.42	10.50	i	12 30.9	0.7	0.0	26.4
63	13	4.15	7 52 26.0	49.08	3	0.00	9		41.42	11.50	e	17 21.3	0.9	0.0	26.4
64	13	27.61	7 50 59.4	54.22	1	+18.31	10		41.42	15.75	e	18 48.1	1.0	-0.3	26.4
65	10	29.11	7 59 13.7	55.84	1	+18.24	6		41.43	17.93	o	10 33.8	0.6	+0.1	26.4
66	11	27 1.44	8 0 41.1	12 0 28.18	1	+18.24	5		41.43	13.66	o	9 6.6	0.5	+0.1	26.3
67	11	2.59	8 1 32.8	29.34	1	+18.24	4		41.43	11.13	o	8 15.0	0.4	+0.1	26.3
68	11	8.58	7 51 34.2	35.20	1	+18.31	10		41.43	14.05	e	18 13.4	1.0	-0.3	26.3
69	13	11.54	7 58 18.0	38.24	1	+18.27	6		41.43	7.50	i	11 29.7	0.6	0.0	26.3
70	12	16.90	8 4 42.1	43.71	1	+18.20	3		41.44	15.00	u	5 6.2	0.3	-0.3	26.3
71	13	21.21	7 48 35.4	56.56	2	+9.57	11		41.43	9.64	a	21 12.1	1.1	-0.2	26.2
72	9.5	31.81	7 47 18.9	58.37	1	+18.35	12		41.43	13.39	a	22 28.6	1.2	-0.3	26.2
73	11	29.39	7 53 21.9	1 14.33	3	0.00	9		41.43	8.77	e	16 25.6	0.9	0.0	26.2
74	12.5	48.47	7 53 55.3	15.12	1	+18.31	8		41.44	7.15	e	15 52.6	0.8	-0.3	26.2
75	10	52.05	7 55 24.7	18.70	1	+18.31	8		41.44	2.78	e	14 23.3	0.8	-0.3	26.1
76	12.5	50.14	7 52 17.3	25.55	2	+9.54	9		41.44	11.95	e	17 30.5	0.9	-0.2	26.1
77	12	52.40	8 7 46.8	37.44	3	0.00	1		41.45	5.95	u	2 1.5	0.1	0.0	26.2
78	13	41.72	8 5 56.2	44.76	5	-18.02	2		41.44	11.35	u	3 51.7	0.2	+0.3	26.2
79	13	55.39	8 0 41.6	50.02	4	-9.64	5		41.44	13.65	o	9 6.4	0.5	0.0	26.1
80	11	28 9.29	8 1 24.5	54.30	3	0.00	4		41.45	11.55	o	8 23.6	0.4	0.0	26.1
81	12	30.34	8 4 15.1	57.16	1	+18.20	3		41.45	16.34	u	5 33.5	0.3	-0.3	26.0
82	11	34.78	7 55 27.7	2 1.48	1	+18.27	8		41.45	15.85	i	14 20.1	0.8	0.0	26.0
83	12	39.77	8 2 46.2	6.54	1	+18.24	4		41.45	7.55	o	7 1.9	0.4	+0.1	26.0
84	11	42.44	8 2 7.5	17.97	2	+9.48	4		41.45	9.45	o	7 40.7	0.4	0.0	26.0
85	13	27.66	8 6 57.6	22.35	4	-9.66	2		41.45	8.36	u	2 50.7	0.2	+0.1	26.0
86	10	29 4.32	8 5 6.0	31.15	1	+18.20	3		41.46	13.85	u	4 42.7	0.3	-0.3	25.9
87	13	6.47	8 3 26.0	33.30	1	+18.20	3		41.46	18.75	u	6 22.7	0.3	-0.3	25.9
88*	9	11.51	7 56 30.5	38.23	1	+18.27	7		41.46	12.78	i	13 17.5	0.7	0.0	25.9
89	13	19.75	7 55 30.4	46.46	1	+18.27	8		41.46	15.72	i	14 17.5	0.8	0.0	25.9
90	13	15.02	7 51 39.0	50.43	2	+9.54	10		41.45	13.83	e	18 8.9	1.0	-0.2	25.9
91	13	25.22	8 6 11.0	3 0.82	2	+9.45	2		41.47	10.66	u	3 37.6	0.2	-0.1	25.9
92	12	36.45	7 50 52.0	3.10	1	+18.31	10		41.46	16.14	e	18 56.1	1.0	-0.3	25.8
93	11	53.48	7 55 27.4	20.19	1	+18.27	8		41.46	15.87	i	14 20.6	0.8	0.0	25.8
94	11	56.84	7 49 56.0	23.48	1	+18.31	11		41.46	18.88	e	19 52.0	1.1	-0.3	25.8
95	11	30 9.59	7 53 48.7	36.30	1	+18.27	9		41.47	20.71	i	15 59.3	0.9	0.0	25.7
96	12	21.10	7 53 0.8	47.77	1	+18.31	9		41.47	9.84	e	16 47.5	0.9	-0.3	25.7
97	11	23.86	7 50 33.9	50.48	1	+18.35	10		41.47	3.87	a	19 14.3	1.0	-0.3	25.7
98	13	26.31	7 56 35.2	4 1.80	2	+9.51	7		41.47	12.56	i	13 13.0	0.7	0.0	25.7
99	13	13.51	8 7 33.0	8.24	4	-9.66	1		41.48	6.65	u	2 15.7	0.1	+0.1	25.7
100	13	10.78	8 3 23.5	13.87	5	-18.05	3		41.47	5.75	o	6 25.2	0.3	-0.1	25.7
101	10	54.87	7 54 35.3	21.56	1	+18.31	8		41.48	5.22	e	15 13.2	0.8	-0.3	25.6
102	12	54.07	8 1 8.2	29.62	2	+9.48	5		41.48	12.37	o	8 40.3	0.5	0.0	25.6
103	12	12 30 36.20	7 58 57.2	12 4 30.84	4	-9.62	0.06		41.48	5.61	i	10 51.1	0.6	0.0	4 25.7

ZONEN-BEOBACHTUNGEN.

Nr.	Größe	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadeneig.	Uhr-gang	Red.	Declino-graph	Faden	Dclgr. in Bogen-mass	Ref.	Faden-neigung	Red.
104	13	12 ^h 31 ^m 9 ^s .62	7° 53' 37".0	12 ^h 4 ^m 36 ^s .30	1	+18.31	0.8:09			41.48	8.08	e 16' 11".5	0.9	-0.3	4' 25".5
105	11.5	14.21	7 54 36.9	40.90	1	+18.31	8		41.48	5.15	e 15 11.7	0.8	-0.3	25.5	
106	11	21.42	7 49 18.7	48.04	1	+18.35	11		41.48	7.56	a 20 29.6	1.1	-0.3	25.5	
107	9.5	31.25	7 56 9.5	58.00	1	+18.27	7		41.49	13.83	i 13 38.9	0.7	0.0	25.5	
108	11.5	40.71	7 55 22.9	5 7.45	1	+18.27	8		41.49	16.11	i 14 25.5	0.8	0.0	25.4	
109	11.5	42.00	7 59 55.9	8.80	1	+18.24	5		41.49	15.91	o 9 52.6	0.5	+0.1	25.5	
110	11	52.82	7 51 38.4	19.50	1	+18.31	10		41.49	13.89	e 18 10.1	1.0	-0.3	25.4	
111	12.5	54.39	7 58 35.3	21.18	1	+18.24	6		41.49	19.86	o 11 13.2	0.6	+0.1	25.4	
112	10	32 14.82	7 49 49.1	41.45	1	+18.35	11		41.49	6.08	a 19 59.4	1.1	-0.3	25.3	
113	13	18.53	7 52 6.1	45.22	1	+18.31	9		41.49	12.54	e 17 42.6	0.9	-0.3	25.3	
114*	9	21.62	8 5 7.4	48.49	1	+18.20	3		41.50	13.81	u 4 41.9	0.3	-0.3	25.3	
115	12.5	16.75	8 7 44.0	52.40	2	+9.45	1		41.51	6.14	u 2 5.3	0.1	-0.1	25.3	
116	10	37.30	8 2 3.0	6 4.13	1	+18.24	4		41.51	9.70	o 7 45.8	0.4	+0.1	25.3	
117	11	38.10	8 3 13.2	4.93	1	+18.24	4		41.51	6.26	o 6 35.6	0.4	+0.1	25.3	
118	11	39.33	8 2 30.9	14.92	2	+9.48	4		41.51	8.34	o 7 18.0	0.4	0.0	25.3	
119	12	53.86	7 48 19.8	20.50	1	+18.35	11		41.50	10.46	a 21 28.8	1.1	-0.3	25.2	
120	12.5	33 1.57	7 54 55.1	28.28	1	+18.31	8		41.50	4.27	e 14 53.8	0.8	-0.3	25.2	
121	13	9.41	7 58 40.7	36.19	1	+18.27	6		41.51	6.44	i 11 8.1	0.6	0.0	25.2	
122	12	15.25	8 2 13.3	42.08	1	+18.24	4		41.51	9.20	o 7 35.6	0.4	+0.1	25.2	
123	12	16.59	7 59 37.8	43.38	1	+18.27	5		41.51	3.65	i 10 11.1	0.5	0.0	25.2	
124	11	21.32	8 2 44.2	48.16	1	+18.24	4		41.52	7.69	o 7 4.8	0.4	+0.1	25.1	
125	12	20.77	8 7 52.7	56.43	2	+9.45	1		41.52	5.72	u 1 56.8	0.1	-0.1	25.1	
126	12	28.76	8 3 24.6	7 4.37	2	+9.48	3		41.52	5.72	o 6 24.6	0.3	0.0	25.1	
127	12	24.62	7 52 11.3	9.64	3	0.00	9		41.51	12.28	e 17 37.3	0.9	0.0	25.1	
128	10	29.28	7 53 16.2	14.30	3	0.00	9		41.51	9.10	e 16 32.4	0.9	0.0	25.1	
129	12	37.73	7 50 57.5	22.74	3	0.00	10		41.51	2.73	a 18 51.0	1.0	0.0	25.1	
130	10	46.31	7 55 19.9	31.34	3	0.00	8		41.51	3.05	e 14 28.9	0.8	0.0	25.0	
131	12	38.37	8 7 22.9	41.50	5	-18.02	1		41.52	7.16	u 2 26.2	0.1	+0.3	25.1	
132	13	34 8.04	7 49 0.9	43.47	2	+9.57	11		41.51	8.45	a 20 47.8	1.1	-0.2	25.0	
133	12	11.60	8 4 50.5	56.70	3	0.00	3		41.53	14.64	u 4 58.8	0.3	0.0	25.0	
134*	9	31.90	8 4 11.3	58.80	1	+18.20	3		41.53	16.58	u 5 38.4	0.3	-0.3	24.9	
135	10	30.02	7 54 54.1	8 5.55	2	+9.51	8		41.52	17.55	i 14 54.8	0.8	0.0	24.9	
136	10	30.71	8 5 12.7	15.82	3	0.00	2		41.53	13.56	u 4 36.8	0.2	0.0	24.9	
137*	8	49.83	8 5 24.1	16.75	1	+18.20	2		41.54	13.02	u 4 25.8	0.2	-0.3	24.8	
138	12.5	46.18	7 56 48.1	21.73	2	+9.51	7		41.53	11.97	i 13 0.9	0.7	0.0	24.9	
139	11	52.53	8 1 48.7	28.15	2	+9.48	4		41.54	10.43	o 8 0.7	0.4	0.0	24.8	
140	13	35 8.56	8 3 48.7	35.43	1	+18.24	3		41.54	4.55	o 6 0.7	0.3	+0.1	24.8	
141	13	15.87	7 52 12.8	42.60	1	+18.31	9		41.53	12.24	e 17 36.5	0.9	-0.3	24.7	
142	13	34 47.30	8 7 8.7	50.45	5	-18.02	1		41.54	7.87	u 2 40.7	0.1	+0.3	24.8	
143	12	35 32.37	7 49 14.6	59.04	1	+18.35	11		41.53	7.80	a 20 34.5	1.1	-0.3	24.7	
144	12	43.11	8 7 22.9	9 10.05	1	+18.20	1		41.55	7.21	o 2 27.2	0.1	-0.3	24.7	
145	12	45.44	7 55 38.0	12.19	1	+18.31	8		41.54	2.20	e 14 11.5	0.8	-0.3	24.6	
146	11.5	45.81	7 56 3.9	21.37	2	+9.51	7		41.54	14.15	i 13 45.4	0.7	0.0	24.6	
147	13	52.02	8 1 1.4	27.64	2	+9.48	5		41.55	12.75	o 8 48.1	0.5	0.0	24.6	
148	12.5	44.41	7 47 32.7	47.59	5	-18.16	12		41.54	12.76	a 22 15.8	1.2	+0.3	24.6	
149	13	36 25.09	8 5 53.5	52.03	1	+18.20	2		41.56	11.59	u 3 56.6	0.2	-0.3	24.6	
150	11	34.28	7 51 48.7	10 1.02	1	+18.31	10		41.55	13.43	e 18 0.7	1.0	-0.3	24.5	
151*	8	37.40	7 55 26.7	4.20	1	+18.27	8		41.55	15.97	i 14 22.6	0.8	0.0	24.5	
152	11	40.71	8 2 36.6	7.59	1	+18.24	4		41.56	8.10	o 7 13.1	0.4	+0.1	24.4	
153	12.5	39.82	7 58 43.4	15.41	2	+9.51	6		41.56	6.35	i 11 6.2	0.6	0.0	24.4	
154	10	44.71	7 48 26.8	20.18	2	+9.57	11		41.55	10.15	a 21 22.5	1.1	-0.2	24.4	
155	12	40.49	7 53 38.4	25.55	3	0.00	9		41.55	8.05	e 16 10.9	0.9	0.0	24.4	
156	9.5	52.49	7 57 13.5	28.07	2	+9.51	7		41.56	10.75	i 12 36.0	0.7	0.0	24.4	
157	10	12 37 9.32	8 0 40.0	12 10 36.20	1	+18.24	0.05		41.57	13.81	o 9 9.7	0.5	+0.1	4 24.3	

1902ANSWi...16...LP

Nr.	Größe	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Refr. und Fadennöig.	Uhr-gang	Red.	Declino-graph	Faden	Declgr. in Bogen-mass	Refr.	Faden-neigung	Red.
158	13	12 ^h 36 ^m 55 ^s .42	8° 5' 27".5	12 ^h 10 ^m 40 ^s .57	3	0 ^s .00	0 ^s .02		41 ^s .57	12 ^r .86	u	4' 22".5	0".2	0".0	4' 24".4
159	9	37 16.21	7 47 46.1	42.90	1	+18.35	12		41.56	12.15	a	22 3.3	1.2	-0.3	24.3
160	10.5	24.34	7 50 35.6	51.09	1	+18.31	10		41.56	17.02	e	19 14.0	1.0	-0.3	24.3
161	11	25.67	7 54 43.4	11 1.25	2	+9.51	8		41.57	18.10	i	15 ^h 6.1	0.8	0.0	24.3
		25.02	40.2	10.10	3	0.00	8			5.03	e	15 9.3	0.8	0.0	
162	12	27.14	7 57 53.3	2.74	2	+9.51	6		41.57	8.81	i	11 56.4	0.6	0.0	24.3
163	9.5	51.69	7 59 9.7	27.30	2	+9.51	6		41.58	5.07	i	10 40.1	0.6	0.0	24.2
164	11	38 8.78	8 2 58.3	35.68	1	+18.24	4		41.58	7.05	o	6 51.7	0.4	+0.1	24.1
165	11	18.06	8 1 57.9	44.97	1	+18.24	4		41.59	10.01	o	7 52.1	0.4	+0.1	24.1
166	13	8.78	7 58 1.6	53.90	3	0.00	6		41.58	8.41	i	11 48.3	0.6	0.0	24.1
167*	7	31.01	7 50 53.2	57.74	1	+18.35	10		41.58	3.01	a	18 56.7	1.0	-0.3	24.0
168	12	42.00	8 0 51.7	12 8.90	1	+18.24	5		41.59	13.25	o	8 58.3	0.5	+0.1	24.0
169	13	32.54	7 57 9.8	17.65	3	0.00	7		41.58	10.95	i	12 40.1	0.7	0.0	24.0
170*	8	39 0.36	7 59 56.9	27.26	1	+18.24	5		41.59	15.94	o	9 53.2	0.5	+0.1	23.9
171	12	3.37	7 56 47.4	30.22	1	+18.27	7		41.59	12.05	i	13 2.6	0.7	0.0	23.9
172	13	12.98	8 1 57.2	39.90	1	+18.24	4		41.60	10.05	o	7 53.0	0.4	+0.1	23.9
173	12	20.68	8 2 3.2	47.60	1	+18.24	4		41.60	9.76	o	7 47.0	0.4	+0.1	23.9
174	12	17.79	7 56 51.5	53.41	2	+9.51	7		41.60	11.85	i	12 58.5	0.7	0.0	23.9
175	11	26.66	7 54 5.8	13 2.24	2	+9.54	8		41.60	6.75	e	15 44.4	0.8	-0.2	23.8
176	13	35.48	8 5 46.8	11.22	2	+9.45	2		41.61	11.95	u	4 3.9	0.2	-0.1	23.8
177	13	33.70	7 46 59.3	18.77	3	0.00	12		41.59	14.45	a	22 50.3	1.2	0.0	23.8
178	10	40 4.18	7 49 32.5	30.92	1	+18.35	11		41.60	6.97	a	20 17.6	1.1	-0.3	23.7
179	13	10.15	8 2 20.2	45.84	2	+9.48	4		41.61	8.94	o	7 30.3	0.4	0.0	23.7
180	13	15.30	7 58 46.1	50.94	2	+9.51	6		41.61	6.25	i	11 4.2	0.6	0.0	23.7
181	10	33.32	7 56 59.0	14 0.20	1	+18.27	7		41.62	11.50	i	12 51.3	0.7	0.0	23.6
182	12	36.55	7 51 40.7	12.12	2	+9.54	10		41.61	13.86	e	18 9.5	1.0	-0.2	23.6
183	12	42.27	7 52 5.8	17.85	2	+9.54	9		41.61	12.64	e	17 44.6	0.9	-0.2	23.5
184	11	36.34	8 1 55.6	21.52	3	0.00	4		41.62	10.15	o	7 55.0	0.4	0.0	23.6
185	13	40.42	7 58 37.0	25.58	3	0.00	6		41.62	6.70	i	11 13.4	0.6	0.0	23.6
186	13	41 3.39	8 5 39.8	48.60	3	0.00	2		41.63	12.30	u	4 11.1	0.2	0.0	23.5
187	11	28.44	7 54 19.6	55.28	1	+18.31	8		41.63	6.10	e	15 31.1	0.8	-0.3	23.4
188	11	20.85	7 54 40.9	56.45	2	+9.54	8		41.62	5.05	e	15 9.7	0.8	-0.2	23.4
189	11	36.52	7 55 6.6	15 3.36	1	+18.31	8		41.63	3.80	e	14 44.2	0.8	-0.3	23.3
190	10	37.01	7 56 19.4	3.90	1	+18.27	7		41.63	13.45	i	13 31.2	0.7	0.0	23.3
191	12	30.49	7 48 20.5	15.60	3	0.00	11		41.62	10.50	a	21 29.6	1.1	0.0	23.4
192	12	55.42	7 50 48.2	22.24	1	+18.31	10		41.63	16.45	e	19 2.4	1.0	-0.3	23.3
193	12	42 8.51	8 1 38.6	35.47	1	+18.24	4		41.64	11.00	o	8 12.3	0.4	+0.1	23.2
194	10	9.86	7 49 5.7	36.63	1	+18.35	11		41.63	8.31	a	20 44.9	1.1	-0.3	23.2
195	Neb.	33.11	7 59 0.4	16 0.03	1	+18.27	6		41.65	5.58	i	10 50.5	0.6	0.0	23.1
196	9.5	12 42 53.93	7 59 42.2	12 16 20.86	1	+18.27	0.05		41.65	3.54	i	10 8.9	0.5	0.0	4 23.0

18	A. G.; Weisse 307; Sa. 246; 4 Wien. M.-B.	114	A. G.;
19	A. G.; Ll. 23274; Weisse 309; Cambr. 1853; Quet. 5089; Paris 15248.	134	A. G.; Weisse 555; Cambr. 1850, 1853; Kf. 495.
28	A. G.; Ll. 23312; Weisse 334; Tayl. 5724; Sa. 247; Rob. 389; Quet. 5103; Arm. II. 1431; 9 Y. C. 1147; 10 Y. C. 1945; Paris 15282; Cord. G. C. 16988; 3 Wien. M.-B.; 7 Karlsr. M.-B.; Radcl. III 3238.	137	A. G.; Ll. 23657; Weisse 561; Cambr. 1850, 1851; Paris 15563; Kf. 496.
55	Wie Nr. 43 von Zone 51.	151	A. G.; Ll. 23696; Cambr. 1853, 1854; Sj. 4578; Paris 15605.
58	A. G.; Weisse 410; Münch. I. 8184; Sj. 4515; Küstn. 413.	167	A. G.; Ll. 23760; Weisse 630; B. B. VI.; Paris 15646; 5 Karls. M.-B.; Radcl. III. 3312.
88	A. G.; Weisse 466.	170	A. G.; Ll. 23774; Weisse 639; Cambr. 1851; B. B. VI.; Sj. 4595; Paris 15663; Münch. II. 4583; Cinc. 13, 1134.

Zone 53: 1888, April 17.

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Dclgr. in Bogen-mass	Ref.	Faden-neigung	Red.
1	10	12 ^h 17 ^m 26 ^s 35	8° 8' 24" 5	12 ^h 34 ^m 37 ^s 45	2	+ 9.57	0.62		41.32	11.29	a	21' 45" 8	1.2	+1" 0	4' 27" 7
2	10.5	37.49	18 11.3	39.60	1	+18.29	34		41.33	8.89	i	11 58.1	0.7	+2.4	27.7
3	10	43.49	10 7.8	45.76	1	+18.36	57		41.33	6.18	a	20 1.5	1.1	+2.1	27.7
4	10.5	33.41	10 15.9	54.04	3	0.00	57		41.33	5.89	a	19 55.5	1.1	0.0	27.7
5	10.5	52.95	11 54.1	55.20	1	+18.33	52		41.33	14.15	e	18 15.4	1.0	+2.1	27.6
6	10	18 11.29	15 11.7	35 13.50	1	+18.29	43		41.34	17.69	i	14 57.7	0.8	+2.4	27.6
7	10	31.58	9 23.9	33.88	1	+18.36	59		41.34	8.34	a	20 45.5	1.1	+2.1	27.6
8	11	44.63	19 58.6	46.71	1	+18.29	29		41.35	3.65	i	10 11.1	0.6	+2.4	27.5
9	13	51.20	23 32.0	53.22	1	+18.25	19		41.35	6.37	o	6 37.8	0.4	+2.5	27.5
10	12	19 7.31	17 44.0	36 9.45	1	+18.29	35		41.35	10.24	i	12 25.6	0.7	+2.4	27.5
11	12	10.02	26 22.0	12.00	1	+18.22	11		41.36	11.19	u	3 48.4	0.2	+2.1	27.5
12	11.5	12.76	14 40.6	14.95	1	+18.33	44		41.35	6.00	e	15 29.1	0.9	+2.1	27.5
13	13	23.34	16 31.2	25.53	1	+18.29	39		41.36	13.80	i	13 38.3	0.8	+2.4	27.5
14	11	30.05	21 21.9	32.14	1	+18.25	25		41.36	12.74	o	8 47.9	0.5	+2.5	27.4
15	10.5	50.51	24 2.1	52.57	1	+18.22	18		41.37	18.04	u	6 8.3	0.3	+2.1	27.4
16	13	59.07	7 56.0	37 1.43	1	+18.36	63		41.36	12.65	a	22 13.5	1.2	+2.1	27.4
17	9	20 8.02	25 40.8	10.03	1	+18.22	13		41.37	13.21	u	4 29.7	0.2	+2.1	27.4
18	11	15.13	28 17.3	25.83	2	+ 9.45	5		41.37	5.60	u	1 54.3	0.1	+1.1	27.4
19	13	30.45	22 51.0	41.28	2	+ 9.48	21		41.37	8.45	o	7 20.3	0.4	+1.2	27.3
20*	7	32.52	8 14.9	43.68	2	+ 9.57	63		41.37	11.78	a	21 55.8	1.2	+1.0	27.3
		32.84	19.1	38 3.17	4	- 9.60	63			11.68	a	21 53.7	1.2	-1.1	
21	12	52.34	14 10.5	12.90	3	0.00	46		41.37	7.59	e	16 1.5	0.9	0.0	27.3
22	11	21 5.89	14 46.2	16.90	2	+ 9.54	44		41.38	5.80	e	15 25.0	0.8	+1.0	27.2
23	12	8.61	17 0.6	19.59	2	+ 9.51	38		41.38	12.44	i	13 10.5	0.7	+1.2	27.2
24	10	23.88	26 55.6	25.87	1	+18.22	9		41.39	9.56	u	3 15.1	0.2	+2.1	27.2
25	12.5	18.79	19 12.7	29.70	2	+ 9.51	31		41.38	5.97	i	10 58.5	0.6	+1.2	27.2
26	13	45.43	24 54.5	47.45	1	+18.25	15		41.39	2.35	o	5 15.8	0.3	+2.5	27.1
27	12	48.90	8 29.5	51.27	1	+18.36	62		41.38	11.02	a	21 40.3	1.2	+2.1	27.1
28	13.5	59.49	9 43.5	39 1.83	1	+18.36	58		41.39	7.40	a	20 26.4	1.1	+2.1	27.1
29	13	22 9.95	26 58.1	11.95	1	+18.22	9		41.40	9.44	u	3 12.7	0.2	+2.1	27.1
30	10	11.97	19 45.9	14.10	1	+18.29	30		41.39	4.29	i	10 24.2	0.6	+2.4	27.1
31	11.5	16.39	11 58.8	18.70	1	+18.33	52		41.39	13.94	e	18 11.2	1.0	+2.1	27.1
32	11	29.95	9 41.5	32.32	1	+18.33	58		41.39	20.67	e	20 28.5	1.1	+2.1	27.0
33	12	22.02	23 24.4	42.34	3	0.00	19		41.40	20.00	u	6 48.3	0.4	0.0	27.1
34	12.5	13.46	25 4.6	51.77	5	-18.03	15		41.40	15.20	u	5 10.3	0.3	-2.1	27.1
35	12.5	55.18	10 5.1	57.52	1	+18.36	57		41.40	6.35	a	20 4.9	1.1	+2.1	27.0
36	13	54.24	15 34.4	40 5.26	2	+ 9.54	42		41.41	3.45	e	14 37.0	0.8	+1.0	27.0
37	10	23 9.76	25 52.4	11.80	1	+18.22	12		41.41	12.67	u	4 18.6	0.2	+2.1	26.9
38	11	18.52	11 49.2	20.85	1	+18.33	52		41.41	14.42	e	18 21.0	1.0	+2.1	26.9
39	12	3.49	11 39.1	24.15	3	0.00	53		41.40	15.02	e	18 33.2	1.0	0.0	26.9
40	12.5	10.52	11 25.6	31.19	3	0.00	54		41.40	15.68	e	18 46.7	1.0	0.0	26.9
41	12	35.35	25 52.6	37.40	1	+18.22	12		41.42	12.66	u	4 18.4	0.2	+2.1	26.9
42	13	36.37	25 42.6	38.43	1	+18.22	13		41.42	13.15	u	4 28.4	0.2	+2.1	26.9
43	9	35.70	12 41.8	46.80	2	+ 9.54	50		41.41	11.90	e	17 29.5	1.0	+1.0	26.9
44	11	53.31	10 32.0	55.65	1	+18.36	56		41.41	5.04	a	19 38.2	1.1	+2.1	26.8
45	12	46.20	12 43.9	57.30	2	+ 9.54	50		41.41	11.80	e	17 27.5	1.0	+1.0	26.8
46	11	24 9.21	21 31.7	41 11.36	1	+18.25	25		41.42	12.29	o	8 38.7	0.5	+2.5	26.8
47	10.5	23 50.68	23 3.9	20.68	4	- 9.65	20		41.42	7.96	o	7 10.3	0.4	-1.2	26.8
48	10.5	24 8.45	24 10.4	28.77	3	0.00	17		41.42	4.65	o	6 2.7	0.3	0.0	26.8
49	11	32.64	11 39.4	34.96	1	+18.36	53		41.42	1.75	a	18 31.0	1.0	+2.1	26.7
50	11	25.50	10 20.2	36.65	2	+ 9.57	57		41.42	5.68	a	19 51.2	1.1	+1.0	26.7
51	13	33.65	12 48.3	44.76	2	+ 9.54	50		41.42	11.59	e	17 23.2	1.0	+1.0	26.7
52	12	12 24 11.01	8 8 34.0	12 41 49.95	5	-18.17	0.62		41.42	11.02	a	21 40.3	1.2	-2.1	4 26.8

1902ANSWI...15...1P

Nr.	Größe	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Delgr. in Bogen-mass	Ref.	Faden-neigung	Red.
53	10.5	12 ^h 24 ^m 51 ^s .15	8° 8' 28".7	12 ^h 41 ^m 53 ^s .56	1	+18.36	0.62		41.42	11.08	a	21' 41".5	1.2	+2.1	4' 26".7
54	11	54.85	19 42.4	57.02	1	+18.29	30		41.43	4.48	i	10 28.1	0.6	+2.4	26.7
55	13	42.89	20 44.8	42 3.32	3	0.00	27		41.43	1.55	i	9 28.2	0.5	0.0	26.7
56	12	25 7.02	19 14.8	9.20	1	+18.29	31		41.43	5.84	i	10 55.8	0.6	+2.4	26.6
57	11	11.80	13 41.3	14.10	1	+18.33	47		41.43	8.95	e	16 29.3	0.9	+2.1	26.6
58	11	7.18	12 37.6	18.30	2	+9.54	50		41.43	12.12	e	17 34.0	1.0	+1.0	26.6
59	13	17.29	22 20.7	28.20	2	+9.48	22		41.44	9.97	o	7 51.3	0.4	+1.2	26.6
60	13	21.26	25 52.9	32.10	2	+9.45	12		41.44	12.71	u	4 19.4	0.2	+1.1	26.6
61	12	44.88	9 31.3	47.28	1	+18.36	59		41.44	8.03	a	20 39.2	1.1	+2.1	26.5
62	13	55.10	10 22.1	57.48	1	+18.36	57		41.44	5.54	a	19 48.4	1.1	+2.1	26.5
63	13	26 5.90	16 5.7	43 8.18	1	+18.29	40		41.44	15.10	i	14 4.8	0.8	+2.4	26.5
64	11.5	7.36	14 5.9	9.66	1	+18.33	46		41.44	7.75	e	16 4.8	0.9	+2.1	26.5
65	13	17.45	20 41.7	19.65	1	+18.25	27		41.45	14.76	o	9 29.1	0.5	+2.5	26.4
66	12	23.34	12 21.2	25.70	1	+18.33	51		41.45	12.88	e	17 49.5	1.0	+2.1	26.4
67	12	22.17	10 19.3	33.37	2	+9.54	57		41.44	18.90	e	19 52.4	1.1	+1.0	26.4
68	13	56.65	22 47.2	58.80	1	+18.25	21		41.46	8.62	o	7 23.8	0.4	+2.5	26.3
69	12.5	27 4.66	23 13.8	44 6.80	1	+18.25	20		41.46	7.32	o	6 57.2	0.4	+2.5	26.3
70	12.5	14.90	21 4.3	17.10	1	+18.25	26		41.46	13.66	o	9 6.6	0.5	+2.5	26.3
71	12.5	28.92	16 48.9	31.20	1	+18.29	38		41.46	13.00	i	13 22.0	0.7	+2.4	26.2
72	13	28.75	25 25.8	39.64	2	+9.45	14		41.47	14.05	u	4 46.8	0.3	+1.1	26.2
73*	8	40.36	9 35.9	42.78	1	+18.36	59		41.46	7.82	a	20 34.9	1.1	+2.1	26.2
74	12	36.69	16 13.6	47.75	2	+9.54	40		41.47	1.57	e	13 58.6	0.8	+1.0	26.2
75	12.5	45.73	25 50.0	56.60	2	+9.45	12		41.47	12.87	u	4 22.7	0.2	+1.1	26.2
76	13	49.43	16 16.1	45 0.52	2	+9.51	40		41.47	14.66	i	13 55.9	0.8	+1.2	26.2
77*	9	28 5.88	14 28.3	8.20	1	+18.33	45		41.47	6.67	e	15 42.8	0.9	+2.1	26.1
78	12.5	27 52.11	12 2.3	12.82	3	0.00	52		41.46	13.92	e	18 10.7	1.0	0.0	26.2
79	10	28 6.43	22 21.6	17.38	2	+9.48	22		41.48	9.95	o	7 50.9	0.4	+1.2	26.1
80	11	6.25	24 16.6	26.63	3	0.00	17		41.48	17.50	u	5 57.2	0.3	0.0	26.1
81	12	39.22	28 3.3	50.05	2	+9.45	6		41.49	6.35	u	2 9.6	0.1	+1.1	26.1
82	11	58.44	18 28.4	46 0.70	1	+18.29	33		41.49	8.14	i	11 42.8	0.6	+2.4	26.0
83	12	42.87	19 45.1	3.38	3	0.00	30		41.48	4.50	i	10 28.5	0.6	0.0	26.0
84	10	58.78	9 42.7	10.00	2	+9.57	58		41.48	7.55	a	20 29.4	1.1	+1.0	26.0
85	12.5	29 12.67	14 16.7	15.00	1	+18.33	45		41.48	7.25	e	15 54.6	0.9	+2.1	25.9
86	11	11.70	26 1.9	22.59	2	+9.45	12		41.49	12.30	u	4 11.1	0.2	+1.1	25.9
87*	8	25.16	22 2.9	27.36	1	+18.25	23		41.49	10.81	o	8 8.5	0.4	+2.5	25.9
88	13	29.25	20 23.8	31.50	1	+18.25	28		41.49	15.66	o	9 47.5	0.5	+2.5	25.9
89	12	37.49	9 5.9	39.95	1	+18.36	60		41.49	9.30	a	21 5.1	1.2	+2.1	25.9
90	9	38.95	8 52.7	41.42	1	+18.36	61		41.49	9.95	a	21 18.4	1.2	+2.1	25.8
91	11	45.55	27 42.2	47.63	1	+18.22	7		41.50	7.35	u	2 30.0	0.1	+2.1	25.8
92	13	36.04	22 0.4	56.50	3	0.00	23		41.50	11.05	o	8 13.4	0.5	0.0	25.9
93	11	56.41	19 19.5	58.66	1	+18.29	31		41.50	5.65	i	10 51.9	0.6	+2.4	25.8
94	12	30 9.23	21 55.2	47 11.45	1	+18.25	24		41.50	11.19	o	8 16.2	0.5	+2.5	25.8
95	10.5	14.00	11 37.5	16.40	1	+18.36	53		41.50	1.89	a	18 33.9	1.0	+2.1	25.7
96	11	8.84	14 11.0	19.99	2	+9.54	46		41.50	7.59	e	16 1.5	0.9	+1.0	25.8
97	12	7.44	17 39.7	28.03	3	0.00	36		41.50	10.65	i	12 34.0	0.7	0.0	25.8
98	12	19.15	10 34.0	30.37	2	+9.57	56		41.50	5.05	a	19 38.4	1.1	+1.0	25.7
99	13	14.04	7 43.4	34.90	3	0.00	64		41.49	13.45	a	22 29.9	1.2	0.0	25.7
100	11	40.99	16 21.8	43.33	1	+18.29	39		41.51	14.35	i	13 49.5	0.8	+2.4	25.7
101	11	45.01	19 37.6	47.30	1	+18.25	30		41.51	17.93	o	10 33.8	0.6	+2.5	25.7
102	13	39.54	17 57.8	50.62	2	+9.51	35		41.51	9.71	i	12 14.8	0.7	+1.2	25.7
103	13	31 17.17	19 2.3	48 19.45	1	+18.29	32		41.52	6.50	i	11 9.3	0.6	+2.4	25.6
104	12	16.32	8 17.3	27.62	2	+9.57	63		41.51	11.75	a	21 55.2	1.2	+1.0	25.5
105	13	35.14	23 43.2	37.32	1	+18.25	18		41.52	5.92	o	6 28.6	0.4	+2.5	25.5
106	10	12 31 43.00	8 24 50.8	12 48 45.16	1	+18.25	0.15		41.53	2.61	o	5 21.1	0.3	+2.5	4 25.5

ZONEN BEOBSCHTUNGEN.

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadeneig.	Uhr-gang	Red.	Declino-graph	Faden	Delgr. in Bogen-mass	Ref.	Faden-neigung	Red.
107	13	12 ^h 31 ^m 41 ^s .32	8° 19' 4" .6	12 ^h 48 ^m 52 ^s .38	2	+ 9.51	0.32		41.52	6.45	i	11' 8" .3	0.6	+1" .2	4' 25" .5
108	10	52.53	18 44.9	54.82	1	+18.29	33		41.52	7.36	i	11 26.8	0.6	+2.4	25.5
109	10.5	58.89	25 28.3	49 1.07	1	+18.22	14		41.53	13.92	u	4 44.1	0.3	+2.1	25.4
110	10.5	58.56	25 48.1	9.50	2	+ 9.45	13		41.53	13.00	u	4 25.4	0.2	+1.1	25.4
111	11	32 21.24	25 53.3	23.40	1	+18.22	12		41.53	12.70	u	4 19.2	0.2	+2.1	25.4
112	11	31 54.57	12 52.0	24.93	4	- 9.61	50		41.52	11.57	e	17 22.8	1.0	-1.0	25.4
113	11.5	32 24.94	10 58.9	36.17	2	+ 9.57	55		41.52	3.85	a	19 13.9	1.1	+1.0	25.3
114	13	28.13	20 19.9	39.16	2	+ 9.51	28		41.53	2.78	i	9 53.3	0.5	+1.2	25.3
115	12.5	22.45	16 1.4	43.12	3	0.00	41		41.53	2.26	e	14 12.7	0.8	0.0	25.3
116	13	52.67	22 47.8	54.90	1	+18.25	21		41.54	8.64	o	7 24.2	0.4	+2.5	25.3
117	12	33 1.59	19 30.9	50 3.87	1	+18.29	30		41.54	5.12	i	10 41.1	0.6	+2.4	25.2
118	12	7.19	22 51.4	9.42	1	+18.25	21		41.54	8.47	o	7 20.7	0.4	+2.5	25.2
119	13	12.00	10 51.8	14.45	1	+18.36	55		41.53	4.15	a	19 20.0	1.1	+2.1	25.2
120	10	15.77	15 39.2	18.13	1	+18.33	42		41.54	3.25	e	14 32.9	0.8	+2.1	25.2
121	11.5	14.21	21 26.3	25.25	2	+ 9.48	25		41.54	12.70	o	8 47.0	0.5	+1.2	25.2
122	12	21.05	8 2.3	32.37	2	+ 9.57	63		41.53	12.50	a	22 10.5	1.2	+1.0	25.2
123	10	37.44	27 21.6	57.80	3	0.00	8		41.55	8.49	u	2 53.3	0.2	0.0	25.1
124	10.5	34 2.10	19 15.2	51 4.40	1	+18.29	31		41.55	5.90	i	10 57.0	0.6	+2.4	25.0
125	10.5	3.51	23 12.4	5.75	1	+18.25	20		41.56	7.45	o	6 59.9	0.4	+2.5	25.0
126	10.5	33 53.25	24 43.7	13.70	3	0.00	16		41.56	3.10	o	5 31.1	0.3	0.0	25.1
127	12	34 12.80	10 1.0	15.30	1	+18.36	58		41.55	6.65	a	20 11.0	1.1	+2.1	25.0
128	12	21.96	9 10.7	24.48	1	+18.36	60		41.55	9.11	a	21 1.3	1.2	+2.1	24.9
129	13	25.81	16 39.6	28.19	1	+18.29	39		41.55	13.52	i	13 32.6	0.7	+2.4	24.9
130	11	34.33	11 52.7	36.80	1	+18.33	52		41.55	14.35	e	18 19.5	1.0	+2.1	24.9
131	13	22.04	16 59.7	42.70	3	0.00	38		41.55	12.65	i	13 14.8	0.7	0.0	25.0
132	11	49.42	12 51.9	51.87	1	+18.33	49		41.56	11.45	e	17 20.3	1.0	+2.1	24.9
133	10	52.72	16 59.6	55.10	1	+18.29	38		41.56	12.54	i	13 12.6	0.7	+2.4	24.9
134	10.5	35 1.98	12 8.9	52 4.46	1	+18.33	52		41.56	13.56	e	18 3.4	1.0	+2.1	24.8
135	13	3.78	13 7.5	15.02	2	+ 9.54	49		41.56	10.75	e	17 6.0	0.9	+1.0	24.8
136	9	20.16	12 54.6	22.60	1	+18.33	49		41.55	11.32	e	17 17.7	1.0	+2.1	24.8
137	11	21.73	24 23.9	23.98	1	+18.22	17		41.57	17.10	u	5 49.1	0.3	+2.1	24.8
138	11	16.42	20 16.4	37.00	3	0.00	28		41.57	16.20	o	9 58.5	0.5	0.0	24.8
139	11	26.79	15 30.9	38.00	2	+ 9.51	42		41.57	16.95	i	14 42.6	0.8	+1.2	24.7
		27.05	36.4	57.40	4	- 9.63	42			16.80	i	14 39.5	0.8	-1.2	
140	11	40.78	15 29.7	43.21	1	+18.29	42		41.57	16.95	i	14 42.6	0.8	+2.4	24.7
141	12	36 6.50	19 5.4	53 8.84	1	+18.29	32		41.58	6.40	i	11 7.2	0.6	+2.4	24.6
142	12	9.34	10 56.7	11.83	1	+18.36	55		41.57	3.94	a	19 15.7	1.1	+2.1	24.6
143	12	19.72	15 33.1	22.12	1	+18.33	42		41.58	3.58	e	14 39.7	0.8	+2.1	24.5
144	13	38.72	10 2.7	41.25	1	+18.36	58		41.58	6.59	a	20 9.8	1.1	+2.1	24.5
145	13	38.43	23 45.3	49.45	2	+ 9.48	18		41.59	5.93	o	6 28.8	0.4	+1.2	24.5
146	13	29.91	24 9.4	50.40	3	0.00	17		41.59	4.81	o	6 6.0	0.3	0.0	24.5
147	10	51.65	25 21.7	53.86	1	+18.25	14		41.59	1.15	o	4 51.3	0.3	+2.5	24.4
148	11.5	46.66	10 7.1	57.97	2	+ 9.57	57		41.58	6.43	a	20 6.6	1.1	+1.0	24.4
149*	9	37 9.77	8 58.5	54 12.33	1	+18.36	61		41.58	9.74	a	21 14.1	1.2	+2.1	24.3
150	12	14.16	26 49.5	16.37	1	+18.22	10		41.60	10.00	u	3 24.1	0.2	+2.1	24.3
151	9.5	19.81	22 49.9	22.10	1	+18.25	21		41.60	8.59	o	7 23.1	0.4	+2.5	24.3
152	12	20.70	10 31.1	32.00	2	+ 9.57	56		41.58	5.26	a	19 42.7	1.1	+1.0	24.3
153	12	41.03	10 44.6	43.55	1	+18.36	56		41.59	4.55	a	19 28.2	1.1	+2.1	24.2
154	13	42.62	17 27.3	45.02	1	+18.29	36		41.60	11.22	i	12 45.6	0.7	+2.4	24.2
155	13	53.86	14 20.1	55 5.10	2	+ 9.54	45		41.60	7.22	e	15 54.0	0.9	+1.0	24.2
156	13	51.51	11 23.0	12.37	3	0.00	54		41.59	2.78	a	18 52.0	1.0	0.0	24.2
157	11	58.20	26 15.3	18.65	3	0.00	11		41.61	11.78	u	4 0.5	0.2	0.0	24.2
158	10.5	12 38 3.41	8 17 6.8	12 55 33.75	4	- 9.63	0.38		41.60	12.40	i	13 9.7	0.7	-1.2	4 24.2

1902AnsWi...16...LP

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Refr. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Dolgr. in Bogen-mass	Refr.	Faden-neigung	Red.
159	11	12 ^h 38 ^m 33 ^s .80	— 8°14' 0"2	12 ^h 55 ^m 36 ^s .26	1	+18.33	0.46	—	41.60	8.15	e	16' 13".0	0.9	+2.1	4' 24".0
160	11.5	2.86	19 24.3	41.60	5	-18.10	31	—	41.60	5.73	i	10 53.6	0.6	-2.4	24.1
161	12	46.42	11 1.2	48.94	1	+18.36	55	—	41.60	3.75	a	19 11.8	1.1	+2.1	24.0
162	10	39 9.82	21 50.8	56 12.16	1	+18.25	24	—	41.62	11.50	o	8 22.5	0.5	+2.5	23.9
163	12	15.86	15 25.1	18.30	1	+18.33	42	—	41.62	4.00	e	14 48.3	0.8	+2.1	23.9
164	13	38 57.83	26 32.8	27.96	4	- 9.67	11	—	41.62	10.99	u	3 44.3	0.2	-1.1	24.0
165	13	39 31.52	23 51.2	33.81	1	+18.25	18	—	41.63	5.61	o	6 22.3	0.4	+2.5	23.8
166	13	40.68	19 19.8	51.83	2	+ 9.51	31	—	41.62	5.79	i	10 54.8	0.6	+1.2	23.8
167	12.5	56.06	9 31.8	57 7.43	2	+ 9.57	59	—	41.62	8.19	a	20 42.5	1.1	+1.0	23.8
168	12.5	40 11.12	16 43.1	13.58	1	+18.29	39	—	41.63	13.41	i	13 30.3	0.7	+2.4	23.7
169	13	36.42	23 5.7	38.74	1	+18.25	20	—	41.64	7.85	o	7 8.0	0.4	+2.5	23.6
170	13	40.74	21 42.5	43.10	1	+18.25	24	—	41.64	11.92	o	8 31.1	0.5	+2.5	23.6
171	13	53.11	19 15.6	55.50	1	+18.29	31	—	41.64	5.95	i	10 58.1	0.6	+2.4	23.5
172	13	54.38	18 59.3	56.78	1	+18.29	32	—	41.64	6.75	i	11 14.4	0.6	+2.4	23.5
173	12	41 0.89	14 42.2	58 3.37	1	+18.33	44	—	41.64	6.12	e	15 31.5	0.9	+2.1	23.5
		0.57	38.3	31.00	4	- 9.61	45	—		6.46	e	15 38.5	0.9	-1.0	
174	12	6.53	17 37.6	8.97	1	+18.29	36	—	41.64	10.75	i	12 36.0	0.7	+2.4	23.5
175	11	7.66	17 39.6	10.10	1	+18.29	36	—	41.64	10.65	i	12 34.0	0.7	+2.4	23.5
176	12	7.06	15 43.0	18.30	2	+ 9.54	41	—	41.64	3.20	e	14 31.9	0.8	+1.0	23.5
177	12	18.63	10 24.9	30.00	2	+ 9.57	57	—	41.64	5.61	a	19 49.8	1.1	+1.0	23.4
178	12	35.61	15 46.2	38.06	1	+18.33	41	—	41.64	3.00	e	14 27.8	0.8	+2.1	23.3
179*	8	32.05	27 41.7	43.06	2	+ 9.45	7	—	41.66	7.54	u	2 33.9	0.1	+1.1	23.4
		32.12	41.2	52.58	3	0.00	7	—		7.62	u	2 35.5	0.1	0.0	
180	11	44.50	17 15.3	59 5.25	3	0.00	37	—	41.65	11.97	i	13 0.9	0.7	0.0	23.3
181	11	42 12.76	21 5.3	15.16	1	+18.25	26	—	41.66	13.76	o	9 8.7	0.5	+2.5	23.2
182	11	15.97	28 4.4	18.21	1	+18.22	6	—	41.67	6.39	u	2 10.4	0.1	+2.1	23.2
183	12	41 55.21	16 27.3	34.13	5	-18.14	40	—	41.65	1.19	e	13 50.9	0.8	-2.1	23.3
184	11	42 31.66	12 38.0	43.00	2	+ 9.54	50	—	41.65	12.27	e	17 37.1	1.0	+1.0	23.1
185	10.5	43 2.00	8 36.9	13 0 4.65	1	+18.36	62	—	41.66	10.86	a	21 37.0	1.2	+2.1	23.0
186	10.5	2.37	8 50.5	13.80	2	+ 9.57	61	—	41.66	10.25	a	21 24.5	1.2	+1.0	23.0
187	12.5	13.43	24 34.5	24.55	2	+ 9.45	16	—	41.68	16.72	u	5 41.3	0.3	+1.1	23.0
188	10	27.92	23 30.8	39.07	2	+ 9.45	19	—	41.68	19.84	u	6 45.0	0.4	+1.1	22.9
189	9	12 43 42.85	— 8 21 8.8	13 0 45.27	1	+18.25	0.26	—	41.68	13.61	o	9 5.6	0.5	+2.5	4 22.8

20 A. G.; wie Nr. 19 von Zone 52. 1852; Paris 15468; Münch. II. 4509;
 73 A. G.; Weisse 442; Sj. 4520. 3 Wien. M.-B.
 77 A. G.; Weisse 450. 149 Münch. II. 4570; Kf. 499.
 87 A. G.; Ll. 23549; Weisse 474; Sa. 278; Cambr. 1851, 179 A. G.; Ll. 23853; A. N. 111, 224; Küstn. 419; Kf. 505.

Zone 54: 1888, April 19.

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Refr. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Dolgr. in Bogen-mass	Refr.	Faden-neigung	Red.
1	9	12 ^h 17 ^m ...	— 8°32' 44".1	11 ^h 54 ^m ...	1	+18.34	0.08	—	41.33	5.04	e	15' 9".5	0.9	-0.3	4' 27".8
2	12	35.98	43 30.8	56.75	2	+ 9.46	2	—	41.34	12.90	u	4 23.3	0.2	-0.1	27.8
3	10.5	51.11	36 47.4	55 3.00	1	+18.30	6	—	41.34	6.35	i	11 6.2	0.6	0.0	27.8
4	10.5	18 16.07	43 53.9	28.08	1	+18.23	2	—	41.35	11.78	u	4 0.5	0.2	-0.3	27.7
5	10	33.26	37 55.3	45.20	1	+18.27	5	—	41.35	16.19	o	9 58.3	0.6	+0.1	27.7
		33.59	55.0	56 3.80	3	0.00	5	—		16.21	o	9 58.7	0.6	0.0	
6	9.5	34.42	33 53.8	55 46.30	1	+18.30	8	—	41.35	14.85	i	13 59.7	0.8	0.0	27.7
7	10.5	19 2.42	39 31.7	56 14.37	1	+18.27	5	—	41.36	11.48	o	8 22.1	0.5	+0.1	27.6
8	12	12 19 10.61	— 8 26 20.2	11 56 22.37	1	+18.38	0.12	—	41.35	10.68	a	21 33.3	1.2	-0.3	4 27.6

ZONEN-BEOBACHTUNGEN.

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Delgr. in Bogen-mass	Ref.	Faden-neigung	Red.
9	10.5	12 ^h 19 ^m 20 ^s .95	8°43'54".6	11 ^h 56 ^m 32 ^s .97	1	+18.23	0.02		41.36	11.75	u	3'59".9	0.2	-0.3	4'27".6
10	12	28.13	37 52.9	40.08	1	+18.27			41.36	16.32	o	10 0.9	0.6	+0.1	27.5
11	11.5	44.62	35 55.3	56.53	1	+18.30	7		41.37	8.91	i	11 58.5	0.7	0.0	27.5
12	12	46.79	35 26.3	58.70	1	+18.30	7		41.37	10.33	i	12 27.5	0.7	0.0	27.5
13	11.5	58.54	31 38.7	57 10.39	1	+18.34	9		41.37	8.26	e	16 15.2	0.9	-0.3	27.5
14	9	20 8.19	25 42.9	19.97	1	+18.38	12		41.37	12.51	a	22 10.7	1.3	-0.3	27.4
15	10.5	14.78	32 15.7	26.63	1	+18.34	9		41.37	6.45	e	15 38.3	0.9	-0.3	27.4
16	11	15.33	28 19.4	35.92	2	+9.58	11		41.37	4.85	a	19 34.3	1.1	-0.2	27.4
17	12	25.29	31 49.7	45.93	2	+9.55	9		41.37	7.72	e	16 4.2	0.9	-0.2	27.4
18	9	41.59	42 35.2	53.58	1	+18.27	3		41.38	2.51	o	5 19.0	0.3	+0.1	27.4
19	12	38.77	45 18.6	59.60	2	+9.46	1		41.39	7.64	u	2 36.0	0.1	-0.1	27.4
20	9	21 6.75	41 47.1	58 18.75	1	+18.27	3		41.39	4.87	o	6 7.2	0.3	+0.1	27.3
21	9	7.71	40 24.7	19.70	1	+18.27	4		41.39	8.90	o	7 29.5	0.4	+0.1	27.3
22	11	17.22	35 29.6	29.15	1	+18.30	7		41.39	10.18	i	12 24.4	0.7	0.0	27.3
23	10.5	18.97	32 44.0	30.85	1	+18.34	8		41.39	5.07	e	15 10.1	0.9	-0.3	27.3
24	10	24.12	27 3.4	35.92	1	+18.38	11		41.38	8.58	a	20 50.4	1.2	-0.3	27.3
25	10.5	30.94	35 33.4	42.87	1	+18.30	7		41.39	10.00	i	12 20.7	0.7	0.0	27.2
26	10.5	30.89	38 20.4	42.87	1	+18.27	5		41.39	14.99	o	9 33.8	0.5	+0.1	27.2
27	13	39.15	37 34.5	59.90	2	+9.49	6		41.39	17.24	o	10 19.7	0.6	0.0	27.2
28	11.5	52.60	31 51.3	59 13.26	2	+9.55	9		41.39	7.65	e	16 2.8	0.9	-0.2	27.2
29	10	59.36	35 56.8	20.08	2	+9.52	7		41.40	8.85	i	11 57.3	0.7	0.0	27.2
		59.50	54.0	39.38	4	-9.64	7			8.99	i	12 0.1	0.7	0.0	
30	10.5	22 0.80	29 14.4	21.45	2	+9.55	10		41.39	15.33	e	18 39.5	1.1	-0.2	27.2
31	9.5	53.92	36 33.4	12 0 5.88	1	+18.30	6		41.41	7.07	i	11 20.9	0.6	0.0	27.1
32	10	23 9.96	25 55.1	21.78	1	+18.38	12		41.41	11.94	a	21 59.0	1.2	-0.3	27.0
33	13	3.49	40 21.2	33.78	3	0.00	4		41.42	9.09	o	7 33.4	0.4	0.0	27.0
34	12	28.58	37 13.5	40.55	1	+18.30	6		41.42	5.11	i	10 40.9	0.6	0.0	27.0
35	12	35.63	25 53.5	47.45	1	+18.38	12		41.41	12.02	a	22 0.7	1.2	-0.3	26.9
36	12	24 6.72	42 0.9	1 18.80	1	+18.23	3		41.43	17.35	u	5 54.2	0.3	-0.3	26.9
37	12	11.96	35 8.4	23.93	1	+18.30	7		41.43	11.24	i	12 46.0	0.7	0.0	26.9
38	9	19.59	42 42.7	31.68	1	+18.23	3		41.44	15.31	u	5 12.5	0.3	-0.3	26.8
39	11	16.53	43 35.6	37.40	2	+9.46	2		41.44	12.71	u	4 19.4	0.2	-0.1	26.9
40	11	54.29	34 45.7	2 6.27	1	+18.30	7		41.44	12.36	i	13 8.9	0.7	0.0	26.7
41*	7	58.11	29 26.9	10.02	1	+18.34	10		41.44	14.75	e	18 27.7	1.0	-0.3	26.7
42	12	58.16	37 42.6	18.96	2	+9.49	6		41.44	16.86	o	10 12.0	0.6	0.0	26.8
43	10	25 10.34	36 43.0	22.33	1	+18.30	6		41.44	6.62	i	11 11.7	0.6	0.0	26.7
44	12	12.71	45 55.5	33.60	2	+9.46	1		41.45	5.87	u	1 59.8	0.1	-0.1	26.7
45	10	14.86	33 23.0	45.13	3	0.00	8		41.44	3.18	e	14 31.5	0.8	0.0	26.7
46	11	55.22	38 36.9	3 7.26	1	+18.27	5		41.45	14.21	o	9 17.9	0.5	+0.1	26.6
47	11	47.34	39 33.4	17.65	3	0.00	5		41.45	11.45	o	8 21.5	0.5	0.0	26.6
48	12	56.97	44 36.2	27.32	3	0.00	2		41.46	9.75	u	3 19.0	0.2	0.0	26.6
49*	9.5	26 3.36	41 47.7	33.70	3	0.00	3		41.46	4.88	o	6 7.4	0.3	0.0	26.6
50	11	6.39	37 6.9	46.34	4	-9.64	6		41.46	5.45	i	10 47.9	0.6	0.0	26.6
51	10	47.26	35 21.3	59.26	1	+18.30	7		41.46	10.63	i	12 33.6	0.7	0.0	26.4
52	10	51.88	42 34.3	4 4.00	1	+18.23	3		41.47	15.74	u	5 21.3	0.3	-0.3	26.4
53	11	27 18.32	43 40.5	30.46	1	+18.23	2		41.48	12.50	u	4 15.2	0.2	-0.3	26.4
54*	5	19.69	45 42.9	31.84	1	+18.23	1		41.48	6.51	u	2 12.9	0.1	-0.3	26.4
		19.46	44.9	49.84	3	0.00	1			6.40	u	2 10.6	0.1	0.0	
55	11	21.19	33 33.2	41.94	2	+9.55	8		41.47	2.71	e	14 21.9	0.8	-0.2	26.3
56	12	34.64	45 57.5	55.56	2	+9.46	1		41.48	5.79	u	1 58.2	0.1	-0.1	26.3
57	12.5	46.08	25 57.7	5 6.76	2	+9.58	12		41.47	11.84	a	21 57.0	1.2	-0.2	26.3
58	10.5	28 1.28	37 30.1	13.34	1	+18.27	6		41.48	17.50	o	10 25.0	0.6	+0.1	26.2
59	12	27 54.52	44 20.6	24.90	3	0.00	2		41.49	10.53	u	3 34.9	0.2	0.0	26.3
60	12	12 28 39.26	8 28 8.5	12 5 51.16	1	+18.38	0.11		41.48	5.45	a	19 46.6	1.1	-0.3	4 26.1

1902AnsWi...16...LP

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Delgr. in Bogen-mass	Ref.	Faden-neigung	Red.
61	11.5	12 ^h 28 ^m 41 ^s 25	8° 32' 43" 2	12 ^h 5 ^m 53 ^s 23	1	+18.34	0.08		41.49	5.17	e	15' 12" 1	0.9	-0.3	4' 26" 1
62	10	44.60	35	56.63	1	+18.30			41.49		i				
		44.80	35.5	6 15.13	3	0.00				9.95	i	12 19.7	0.7	0.0	26.1
63*	9	48.44	29 39.3	18.74	3	0.00	10		41.49	14.16	e	18 15.6	1.0	0.0	26.1
64*	9	59.21	44 41.8	29.60	3	0.00	2		41.50	9.50	u	3 13.9	0.2	0.0	26.1
65	9.5	49.67	30 0.8	38.12	5	-18.15	10		41.49	13.09	e	17 53.8	1.0	+0.3	26.1
66	11	29 11.77	26 13.5	42.05	3	0.00	12		41.49	11.07	a	21 41.3	1.2	0.0	26.0
67	12	14.55	28 49.4	44.85	3	0.00	10		41.49	16.60	e	19 5.5	1.1	0.0	26.0
68	11	12.75	41 59.4	52.80	4	-9.67	3		41.50	17.45	u	5 56.2	0.3	+0.1	26.0
69	10.5	21.95	46 19.0	7 2.03	4	-9.67	1		41.51	4.74	u	1 36.8	0.1	+0.1	26.0
70	9.5	30.36	41 32.5	10.40	4	-9.66	4		41.51	5.65	o	6 23.1	0.4	0.0	26.0
71	11.5	40.84	41 41.8	11.23	3	0.00	3		41.51	5.20	o	6 13.9	0.4	0.0	25.9
72	11	45.83	27 44.8	16.13	3	0.00	11		41.50	6.61	a	20 10.2	1.1	0.0	25.9
73	10	30 17.46	31 18.8	29.45	1	+18.34	3		41.51	9.32	e	16 36.8	0.9	-0.3	25.8
74	11.5	22.88	43 7.8	35.05	1	+18.23	9		41.52	14.13	u	4 48.4	0.3	-0.3	25.8
75	10	26.59	32 13.1	38.58	1	+18.34	9		41.51	6.66	e	15 42.5	0.9	-0.3	25.8
76	10.5	32.95	41 38.1	45.08	1	+18.27	3		41.52	5.38	o	6 17.6	0.4	+0.1	25.8
77	11.5	21.68	46 45.7	52.10	3	0.00	1		41.52	3.45	u	1 10.4	0.1	0.0	25.8
78	12	16.44	43 32.6	8 4.90	5	-18.05	2		41.52	12.89	u	4 23.1	0.2	+0.3	25.8
79	12	39.56	42 21.7	9.96	3	0.00	3		41.52	16.37	u	5 34.2	0.3	0.0	25.8
80	12	31 17.07	41 8.2	29.20	1	+18.27	4		41.53	6.85	o	6 47.6	0.4	+0.1	25.7
81	10	43.21	38 11.2	55.30	1	+18.30	5		41.53	2.35	i	9 44.6	0.6	0.0	25.6
82	12.5	45.57	36 3.6	57.64	1	+18.30	7		41.53	8.60	i	11 52.2	0.7	0.0	25.5
83	10	43.26	24 58.0	9 3.99	2	+9.58	13		41.53	14.80	a	22 57.4	1.3	-0.2	25.5
84	12	53.70	32 25.7	14.50	2	+9.55	9		41.53	6.05	e	15 30.1	0.9	-0.2	25.5
85	9	55.04	32 41.8	25.40	3	0.00	8		41.53	5.25	e	15 13.8	0.9	0.0	25.5
86	10.5	58.80	25 53.6	29.12	3	0.00	12		41.53	12.07	a	22 1.7	1.2	0.0	25.5
87	12	32 11.36	43 37.3	41.80	3	0.00	2		41.55	12.69	u	4 19.0	0.2	0.0	25.5
88	11	21.52	25 56.2	51.84	3	0.00	12		41.53	11.95	a	21 59.2	1.2	0.0	25.4
89	11	58.95	41 11.8	10 11.10	1	+18.27	4		41.55	6.69	o	6 44.4	0.4	+0.1	25.3
90	12.5	37.79	39 34.0	17.86	4	-9.66	5		41.55	11.48	o	8 22.1	0.5	0.0	25.4
91	11	33 3.74	43 55.9	24.73	2	+9.46	2		41.56	11.79	u	4 0.7	0.2	-0.1	25.3
92	10	29.70	41 12.8	41.86	1	+18.27	4		41.56	6.65	o	6 43.5	0.4	+0.1	25.2
93	11	33.74	45 1.3	45.97	1	+18.23	2		41.57	8.60	u	2 55.6	0.2	-0.3	25.2
94	10	37.76	27 22.4	49.73	1	+18.38	11		41.55	7.75	a	20 33.5	1.2	-0.3	25.2
95	11	49.80	41 53.8	11 1.98	1	+18.27	3		41.57	4.65	o	6 2.7	0.3	+0.1	25.1
96	10.5	53.22	24 50.4	13.97	2	+9.58	13		41.55	15.19	a	23 5.4	1.3	-0.2	25.1
97	10	34 13.02	35 43.8	25.13	1	+18.30	7		41.57	9.59	i	12 12.4	0.7	0.0	25.1
98	11	17.69	35 8.6	29.80	1	+18.30	7		41.57	11.32	i	12 47.7	0.7	0.0	25.0
99	10	34.80	31 47.5	46.85	1	+18.34	9		41.57	7.95	e	16 8.9	0.9	-0.3	25.0
100*	7	40.44	33 35.4	52.50	1	+18.34	8		41.57	2.67	e	14 21.1	0.8	-0.3	25.0
		40.56	33.6	12 20.60	4	-9.64	8			15.97	i	14 22.6	0.8	0.0	
101	13	45.07	29 39.7	11 57.07	1	+18.38	10		41.57	1.05	a	18 16.7	1.0	-0.3	24.9
102	11	49.43	43 29.5	12 10.44	2	+9.46	2		41.58	13.10	u	4 27.4	0.3	-0.1	24.9
103	9.5	35 10.38	38 13.3	31.33	2	+9.49	5		41.58	15.45	o	9 43.2	0.6	0.0	24.9
104	12	16.89	36 24.8	37.80	2	+9.52	6		41.58	7.60	i	11 31.7	0.7	0.0	24.8
105	11.5	31.91	41 33.8	44.10	1	+18.27	4		41.59	5.64	o	6 22.9	0.4	+0.1	24.8
106	10	33.88	43 27.5	54.90	2	+9.46	2		41.59	13.20	u	4 29.5	0.3	-0.1	24.8
107	10.5	49.40	41 35.5	13 1.60	1	+18.27	3		41.59	5.56	o	6 21.3	0.4	+0.1	24.7
		49.71	33.8	29.83	4	-9.66	4			5.65	o	6 23.1	0.4	0.0	
108	11	37.03	26 52.6	7.40	3	0.00	12		41.58	9.22	a	21 3.5	1.2	0.0	24.7
109	12	36 13.82	32 58.4	25.90	1	+18.34	8		41.59	4.50	e	14 58.5	0.8	-0.3	24.6
110	11	27.00	29 32.0	39.02	1	+18.38	10		41.59	1.44	a	18 24.7	1.0	-0.3	24.6
111	11.5	40.38	45 3.8	52.65	1	+18.23	2		41.61	8.51	u	2 53.7	0.2	-0.3	24.6
112	10	12 36 51.60	8 25 30.7	12 14 3.60	1	+18.38	0.12		41.59	13.25	a	22 25.8	1.3	-0.3	4 24.5

ZONEN-BEOBACHTUNGEN.

Nr.	Größe	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Refr. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Dclgr. in Bogen-mass	Refr.	Faden-neigung	Red.
113	12	12 ^h 36 ^m 50 ^s .39	8° 37' 31".7	12 ^h 14 ^m 20 ^s .84	3	0 ^s .00	0 ^s .06		41 ^s .60	17 ^s .51	o	10' 25".2	0 ^s .6	0 ^s .0	4' 24".5
114	11	37 19.48	38 28.1	31.68	1	+18.27	5		41.61	14.75	o	9 28.9	0.5	+0.1	24.4
115	12	14.64	26 53.3	35.45	2	+9.58	12		41.60	9.21	a	21 3.3	1.2	-0.2	24.4
116	10	31.71	39 29.3	43.92	1	+18.27	5		41.62	11.75	o	8 27.7	0.5	+0.1	24.4
117	10	58.72	29 42.9	15 10.80	1	+18.34	10		41.61	14.09	e	18 14.2	1.0	-0.3	24.2
118	9.5	38 4.02	33 52.6	16.17	1	+18.30	8		41.62	15.08	i	14 4.4	0.8	0.0	24.2
119	11	37 58.34	26 19.2	19.15	2	+9.58	12		41.60	10.89	a	21 37.6	1.2	-0.2	24.2
120	10	38 3.85	37 50.3	24.83	2	+9.49	6		41.62	16.61	o	10 6.9	0.6	0.0	24.2
121	12.5	22.15	37 51.2	43.13	2	+9.49	6		41.62	16.57	o	10 6.0	0.6	0.0	24.2
122	12	37.87	36 28.5	50.05	1	+18.30	6		41.63	7.45	i	11 28.7	0.7	0.0	24.1
123	11	40.47	29 13.7	16 1.32	2	+9.58	10		41.62	2.35	a	18 43.3	1.1	-0.2	24.1
124	9.5	45.58	41 47.7	6.60	2	+9.49	3		41.63	5.00	o	6 9.9	0.3	0.0	24.1
125	11	49.89	40 49.5	10.90	2	+9.49	4		41.63	7.85	o	7 8.0	0.4	0.0	24.1
126	11	58.97	29 14.5	19.82	2	+9.58	10		41.62	2.31	a	18 42.5	1.1	-0.2	24.1
127	12	39 8.55	45 57.6	29.63	2	+9.46	1		41.64	5.90	u	2 0.4	0.1	-0.1	24.0
128*	9.5	25.39	32 18.8	37.50	1	+18.34	9		41.63	6.47	e	15 38.7	0.9	-0.3	23.9
129*	8	12 39 29.49	8 37 23.1	12 16 41.68	1	+18.30	6		41.64	4.79	i	10 34.4	0.6	0.0	4 23.9
		29.83	25.0	50.80	2	+9.52	0.06			4.70	i	10 32.5	0.6	0.0	

- 41 A. G.; Ll. 23404/5; Weisse 395; Paris 15373; Radcl. III. 3248. Cord. G. C. 17120; Stone 1800; Cap. C. 1880, 6978; 4 Wien. M.-B.; Radcl. III. 3259; Newc. Zod. 585.
- 49 Wien. M.-B.
- 54 A. G.; q Virginis Mayer 515; Bradl 1683; Ll. 23471/3; 63 A. N. 72, 52.
 Weisse 437; Rümk. 4021; Sa. 250; 12 Y. C. 1013; 64 A. G.
 Tayl. 5975; Königsb. 37, 375; Münch. I. 8214; 100 A. G.; A. N. 79, 76; A. N. 81, 366; Radcl. III. 3291.
 Camb. 1842, 1843, 1844, 1849, 1850; 128 Paris 15677.
 Arm. I. 2701; B. B. VI.; 6 Y. C. 811; 129 A. G.; Ll. 23791; Weisse 651; Münch. I. 8454;
 7 Y. C. 986; N. 7 Y. C. 1488; Yarn. 5336; A. N. 98, 241; A. N. 101, 203; Paris 15681;
 Quet. 5142; Madr. 1862, 1863, 1864; Münch. II. 4588; Cinc. 13, 1136.
 Pulk. VIII. 1887; Gl. I. 3203; Paris 15425;

Zone 55: 1888, April 19.

Nr.	Größe	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Refr. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Dclgr. in Bogen-mass	Refr.	Faden-neigung	Red.
1*	7	12 ^h 16 ^m 50 ^s .21	9° 4' 34".7	12 ^h 25 ^m 31 ^s .75	3	0 ^s .00	0 ^s .02		41 ^s .34	8 ^s .09	u	2' 45".1	0 ^s .2	0 ^s .0	4' 27".9
		50.18	35.2	49.78	5	-18.06	2			8.09	u	2 45.1	0.2	-0.5	
2	8	17 20.46	8 58 22.5	52.55	2	+9.50	6		41.35	13.17	o	8 56.6	0.5	+0.4	27.9
3	12.5	30.67	8 47 39.4	26 2.74	2	+9.59	14		41.34	5.10	a	19 39.4	1.1	+0.2	27.8
4	11	51.35	9 4 54.6	14.66	1	+18.25	2		41.36	7.10	u	2 24.9	0.1	+0.5	27.8
5	12	50.46	9 1 53.2	22.54	2	+9.50	4		41.36	2.86	o	5 26.2	0.3	+0.4	27.8
6	10	18 15.12	9 5 48.7	47.20	2	+9.47	1		41.36	4.46	u	1 31.0	0.1	+0.3	27.8
7	11	25.86	9 5 0.0	57.96	2	+9.47	2		41.37	6.85	u	2 19.8	0.1	+0.3	27.7
8	12	25.27	8 54 24.7	27 6.90	3	0.00	9		41.36	11.67	i	12 54.8	0.7	0.0	27.7
9	12	37.16	8 48 58.4	18.83	3	0.00	13		41.36	14.41	e	18 20.8	1.0	0.0	27.7
10	12	19 5.92	8 56 45.3	29.23	1	+18.32	8		41.37	4.75	i	10 33.6	0.6	+0.8	27.6
11	9.5	6.30	8 52 8.7	38.40	2	+9.56	11		41.37	5.09	e	15 10.5	0.9	+0.2	27.6
12	10	14.66	9 2 51.1	46.78	2	+9.47	3		41.38	13.16	u	4 28.6	0.3	-0.3	27.6
13	13	24.98	9 0 48.3	48.31	1	+18.28	5		41.38	6.02	o	6 30.7	0.4	-0.9	27.6
14	10	28.62	9 3 37.3	28 0.74	2	+9.47	3		41.38	10.90	u	3 42.5	0.2	-0.3	27.6
15	10	43.49	8 55 55.9	15.60	2	+9.53	8		41.38	7.19	i	11 23.4	0.6	-0.4	27.6
16	10	48.76	9 5 50.9	20.87	2	+9.47	1		41.39	4.36	u	1 29.0	0.1	-0.3	27.6
17*	8	12 20 10.20	8 56 37.3	12 28 33.53	1	+18.32	0.08		41.39	5.15	i	10 41.7	0.6	+0.8	4 27.5

1900255516 . . . 1P

Nr.	Grüsse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Declgr. in Bogen-mass	Ref.	Faden-neigung	Red.
18	13	12 ^h 20 ^m 18.43	9° 4' 15".8	12 ^h 28 ^m 41.77	1	+18.25	0.02		41.39	9.01	u	3' 3".9	0.2	+0.5	4' 27".5
19*	8	23.44	8 56 42.4	46.77	1	+18.32	8		41.39	4.90	i	10 36.6	0.6	+0.8	27.5
20	11	36.52	8 51 59.0	59.84	1	+18.36	11		41.39	5.56	e	15 20.1	0.9	+0.5	27.4
21	12	28.74	8 48 50.7	29 0.85	2	+9.59	13		41.39	1.63	a	18 28.6	1.0	+0.2	27.4
22	10	46.64	8 53 24.6	9.95	1	+18.36	10		41.39	1.37	e	13 54.6	0.8	+0.5	27.4
23	12	39.03	8 45 22.5	20.76	3	0.00	16		41.39	11.83	a	21 56.8	1.2	0.0	27.4
24	9	54.69	8 59 18.7	26.83	2	+9.50	6		41.40	10.44	o	8 0.9	0.5	+0.4	27.4
25	9	56.60	8 57 19.4	28.72	2	+9.53	7		41.40	3.11	i	10 0.1	0.6	+0.4	27.4
26	12	21 4.48	8 48 32.3	36.60	2	+9.59	14		41.39	2.53	a	18 46.9	1.1	+0.2	27.4
27	9	8.60	9 1 15.4	40.72	2	+9.50	4		41.40	4.73	o	6 4.4	0.3	+0.4	27.4
28	11.5	21.03	9 2 21.8	44.38	1	+18.28	4		41.41	1.46	o	4 57.6	0.3	+0.9	27.3
29	11	25.97	8 47 19.0	49.30	1	+18.39	14		41.40	6.11	a	20 0.0	1.1	+0.5	27.3
30	10	30.38	8 46 54.4	53.72	1	+18.39	15		41.40	7.31	a	20 24.5	1.2	+0.5	27.3
31	12	36.42	8 48 52.6	59.77	1	+18.36	13		41.40	14.69	e	18 26.5	1.0	+0.5	27.3
32	12	44.38	8 55 27.2	30 7.74	1	+18.32	9		41.41	8.59	i	11 51.9	0.7	+0.8	27.3
33*	9	22 16.38	8 52 30.1	39.72	1	+18.36	11		41.41	4.05	e	14 49.3	0.8	+0.5	27.2
34	10.5	17.45	8 53 38.8	40.82	1	+18.32	10		41.41	13.90	i	13 40.3	0.8	+0.8	27.2
35*	8	24.10	8 58 35.3	47.48	1	+18.28	6		41.42	12.55	o	8 44.0	0.5	+0.9	27.2
36	12.5	25.39	9 5 24.4	57.53	2	+9.47	1		41.42	5.68	u	1 55.9	0.1	+0.3	27.2
37	13	24.45	9 3 32.9	31 6.08	3	0.00	3		41.42	11.15	u	3 47.6	0.2	0.0	27.2
38	11.5	49.71	8 49 29.8	13.08	1	+18.36	13		41.42	12.88	e	17 49.5	1.0	+0.5	27.1
39	12	39.75	8 53 1.9	21.45	3	0.00	10		41.42	15.75	i	14 18.1	0.8	0.0	27.1
40	9	55.71	9 1 29.3	27.89	2	+9.47	4		41.43	17.19	u	5 50.9	0.3	+0.3	27.1
41	11	23 8.27	9 1 50.3	31.67	1	+18.25	4		41.43	16.15	u	5 29.7	0.3	+0.5	27.1
42	11.5	11.60	8 51 55.9	35.00	1	+18.32	11		41.43	18.94	i	15 23.2	0.9	+0.8	27.1
43	9.5	22 59.38	8 47 32.4	41.12	3	0.00	14		41.42	18.65	e	19 47.3	1.1	0.0	27.1
44	13	23 36.28	8 56 12.9	59.66	1	+18.32	8		41.44	6.37	i	11 6.6	0.6	+0.8	27.0
45	12	41.15	8 53 57.7	32 4.54	1	+18.32	10		41.43	12.98	i	13 21.6	0.8	+0.8	27.0
46	10	46.78	8 52 39.1	18.98	2	+9.53	11		41.44	16.85	u	14 40.6	0.8	+0.4	27.0
47	10.5	24 1.64	9 3 6.6	25.05	1	+18.25	3		41.45	12.43	u	4 13.7	0.2	+0.5	26.9
48	12	34.23	8 55 43.0	57.62	1	+18.32	8		41.45	7.84	i	11 36.6	0.7	+0.8	26.8
49*	7	36.12	9 5 49.4	33 8.30	2	+9.47	1		41.46	4.47	u	1 31.2	0.1	+0.3	26.9
50*	8	42.99	8 47 47.5	15.17	2	+9.59	14		41.45	4.75	a	19 32.3	1.1	+0.2	26.8
51	11	25 1.21	8 59 56.2	24.62	1	+18.28	5		41.46	8.61	o	7 23.6	0.4	+0.9	26.8
52	13	24 55.30	8 58 54.6	27.50	2	+9.50	6		41.46	11.65	o	8 25.6	0.5	+0.4	26.8
53	12	25 14.79	8 46 22.9	38.18	1	+18.39	15		41.45	8.88	a	20 56.6	1.2	+0.5	26.7
54	12	12.21	8 45 55.2	44.40	2	+9.59	15		41.45	10.25	a	21 24.5	1.2	+0.2	26.8
55	10	36.56	9 1 2.9	59.98	1	+18.28	5		41.47	5.35	o	6 17.0	0.4	+0.9	26.7
56	10	39.44	8 57 18.9	34 2.84	1	+18.32	7		41.47	3.15	i	10 0.9	0.6	+0.8	26.7
57	10	40.61	9 3 8.0	12.82	2	+9.47	3		41.47	12.38	u	4 12.7	0.2	+0.3	26.7
58	11.5	41.28	8 58 17.1	13.50	2	+9.50	7		41.47	13.49	o	9 3.2	0.5	+0.4	26.7
59	11	53.86	9 4 6.3	26.06	2	+9.47	2		41.47	9.53	u	3 14.5	0.2	+0.3	26.6
60	12	56.99	8 44 39.1	29.20	2	+9.59	16		41.46	13.98	a	22 40.7	1.3	+0.2	26.6
61	12	26 5.11	8 54 59.7	37.32	2	+9.53	9		41.47	9.99	i	12 20.5	0.7	+0.4	26.6
62	12	15.16	8 52 35.7	56.92	3	0.00	11		41.47	17.06	i	14 44.8	0.8	0.0	26.6
63	12	26.48	8 46 49.0	58.72	2	+9.56	15		41.47	20.79	e	20 31.0	1.2	+0.2	26.5
64	12	36.16	8 56 11.5	35 8.40	2	+9.50	8		41.48	19.65	o	11 8.9	0.6	+0.4	26.5
65	12	47.60	8 56 6.3	11.06	1	+18.28	8		41.48	19.88	o	11 13.6	0.6	+0.9	26.5
66	11	59.75	8 59 2.8	23.20	1	+18.28	6		41.49	11.24	o	8 17.2	0.5	+0.9	26.5
67	12	57.53	8 51 34.5	29.74	2	+9.56	11		41.48	6.82	e	15 45.8	0.9	+0.2	26.5
68	11	27 9.32	9 2 2.5	32.75	1	+18.28	4		41.49	2.45	o	5 17.8	0.3	+0.9	26.4
69	10	4.97	8 53 43.0	37.20	2	+9.53	10		41.48	13.75	i	13 37.3	0.8	+0.4	26.4
70*	5	12 27 19.57	8 45 42.2	12 35 43.00	1	+18.39	16		41.48	10.89	a	21 37.6	1.2	+0.5	4 26.4
		19.44	45.4	51.67	2	+9.59	0.16			10.75	a	21 34.7	1.2	+0.2	

ZONEN-BEOBACHTUNGEN

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Refr. und Fadennöig.	Uhr-gang	Red.	Declino-graph	Faden	Delgr. in Bogen-mass	Refr.	Faden-neigung	Red.
71	12	12 ^h 27 ^m 34. ^s 70	8° 46' 17.0	12 ^h 36 ^m 6. ^s 92	2	+ 9.59	0. ^s 15		41.48	9.99	a	21' 19".2	1.2	+0.2	4' 26".3
72	12	35.39	9 3 13.1	17.10	3	0.00	3		41.50	12.16	u	4 8.2	0.2	0.0	26.4
73*	9	56.65	8 54 39.0	20.10	1	+18.32	9		41.50	11.00	i	12 41.1	0.7	+0.8	26.3
74	12	28 7.81	8 48 37.4	31.25	1	+18.36	13		41.49	15.48	e	18 42.6	1.1	+0.5	26.3
75	12	25.17	8 51 55.1	57.43	2	+ 9.53	11		41.50	19.04	i	15 25.3	0.9	+0.4	26.2
76	12	38.04	8 56 17.9	37 10.30	2	+ 9.50	8		41.50	19.35	o	11 2.8	0.6	+0.4	26.2
77	12	29 1.54	8 46 42.1	24.98	1	+18.39	15		41.50	7.97	a	20 38.0	1.2	+0.5	26.1
78	12	6.91	8 57 23.2	30.35	1	+18.32	7		41.51	2.97	i	9 57.2	0.6	+0.8	26.1
79*	9	28 59.16	8 44 42.5	41.00	3	0.00	16		41.50	13.85	a	22 38.0	1.3	0.0	26.1
80	10.5	29 21.85	8 46 20.2	45.30	1	+18.39	15		41.51	9.05	a	21 0.0	1.2	+0.5	26.0
81	11	23.35	8 50 59.7	55.60	2	+ 9.56	12		41.51	8.55	e	16 21.1	0.9	+0.2	26.0
82	12	39.47	8 57 14.3	38 2.92	1	+18.32	7		41.52	3.41	i	10 6.2	0.6	+0.8	26.0
83	11	41.25	8 51 52.2	4.70	1	+18.36	11		41.52	5.96	e	15 28.3	0.9	+0.5	26.0
84	9.5	49.33	8 55 31.5	12.80	1	+18.32	9		41.52	8.44	i	11 48.9	0.7	+0.8	26.0
85	13	53.10	8 48 29.0	25.35	2	+ 9.59	14		41.52	2.76	a	18 51.6	1.1	+0.2	26.0
86	13	30 1.87	8 51 36.3	34.12	2	+ 9.56	11		41.52	6.76	e	15 44.6	0.9	+0.2	25.9
87	12	18.80	8 50 13.2	42.27	1	+18.36	12		41.53	10.81	e	17 7.3	1.0	+0.5	25.9
88	10	10.94	9 0 44.0	43.20	2	+ 9.50	5		41.53	6.34	o	6 37.2	0.4	+0.4	25.9
		11.13	42.0	39 2.57	4	- 9.68	5			19.59	u	6 39.9	0.4	-0.3	
89	13	26.50	9 2 45.6	38 50.00	1	+18.25	3		41.54	13.50	u	4 35.6	0.3	+0.5	25.9
90	13	2.86	9 0 46.1	54.30	4	- 9.68	5		41.53	19.39	u	6 35.8	0.4	-0.3	25.9
91	11.5	46.55	9 0 21.9	39 10.04	1	+18.28	5		41.54	7.40	o	6 58.9	0.4	+0.9	25.8
92	11.5	21.80	8 46 34.3	13.26	4	- 9.61	15		41.52	8.40	a	20 46.8	1.2	-0.2	25.8
93	12.5	32.48	8 54 45.8	23.93	4	- 9.65	9		41.53	10.75	i	12 36.0	0.7	-0.4	25.8
94	10	31 1.05	8 53 9.0	24.55	1	+18.32	10		41.54	15.43	i	14 11.6	0.8	+0.8	25.7
95*	8	2.75	8 58 9.8	35.04	2	+ 9.50	7		41.54	13.90	o	9 11.5	0.5	+0.4	25.7
96	13	11.55	8 50 27.2	43.83	2	+ 9.56	12		41.54	10.15	e	16 53.8	1.0	+0.2	25.7
97	10.5	16.83	9 5 44.8	49.10	2	+ 9.47	1		41.55	4.75	u	1 37.0	0.1	+0.3	25.7
98	12	31.63	8 53 4.4	55.10	1	+18.36	10		41.55	2.45	e	14 16.6	0.8	+0.5	25.6
99	10	57.10	8 59 20.8	40 20.62	1	+18.28	6		41.56	10.40	o	8 0.1	0.5	+0.9	25.6
100	10.5	58.42	9 2 28.8	21.95	1	+18.25	4		41.56	14.34	u	4 52.7	0.3	+0.5	25.6
101	12	54.80	8 46 13.9	27.08	2	+ 9.59	15		41.54	9.39	a	21 7.0	1.2	+0.2	25.6
102	12	32 0.50	8 48 13.6	42.37	3	0.00	14		41.55	16.71	e	19 7.7	1.1	0.0	25.5
103	12	7.21	8 53 44.3	49.04	3	0.00	10		41.55	13.75	i	13 37.3	0.8	0.0	25.5
104	11	35.55	8 52 14.5	59.08	1	+18.32	11		41.56	18.11	i	15 6.3	0.9	+0.8	25.4
105	12.5	44.95	9 0 50.3	41 8.50	1	+18.25	5		41.57	19.17	u	6 31.3	0.4	+0.5	25.4
106	11	55.99	9 1 44.9	19.53	1	+18.25	4		41.57	16.50	u	5 36.8	0.3	+0.5	25.4
107	10	57.48	8 55 31.5	21.00	1	+18.32	9		41.57	8.47	i	11 49.5	0.7	+0.8	25.4
108	10.5	33 4.65	8 59 52.9	28.17	1	+18.28	5		41.57	8.84	o	7 28.3	0.4	+0.9	25.4
109	12	2.45	8 50 20.7	34.75	2	+ 9.56	12		41.56	10.49	e	17 0.7	1.0	+0.2	25.3
110	13	12.85	8 51 57.4	36.35	1	+18.36	11		41.57	5.74	e	15 23.8	0.9	+0.5	25.3
111	11	34.16	8 45 0.3	42 6.48	2	+ 9.59	16		41.57	13.01	a	22 20.9	1.3	+0.2	25.2
112	12	35.10	8 48 0.6	7.43	2	+ 9.56	14		41.57	17.35	e	19 20.8	1.1	+0.2	25.2
113	10.5	52.95	8 56 58.2	16.50	1	+18.28	7		41.58	17.40	o	10 23.0	0.6	+0.9	25.2
114	10.5	53.80	8 58 52.8	17.34	1	+18.28	6		41.58	11.79	o	8 28.5	0.5	+0.9	25.2
115	12	39.73	8 52 22.6	31.24	4	- 9.65	11		41.57	17.79	i	14 59.7	0.8	-0.4	25.2
116	10.5	34 9.05	8 54 41.8	41.37	2	+ 9.53	9		41.58	10.94	i	12 39.9	0.7	+0.4	25.1
117*	9	23.39	9 5 4.4	46.94	1	+18.25	2		41.60	6.75	u	2 17.8	0.1	+0.5	25.1
118	12	53.19	8 53 51.8	43 16.74	1	+18.32	10		41.59	13.37	i	13 29.5	0.8	+0.8	25.0
119	13	59.87	8 46 21.7	23.40	1	+18.39	15		41.59	9.03	a	20 59.6	1.2	+0.5	24.9
120	11.5	35 11.24	8 52 55.1	34.80	1	+18.32	10		41.60	16.15	i	14 26.3	0.8	+0.8	24.9
121	13	17.57	8 46 50.9	41.10	1	+18.39	15		41.59	7.60	a	20 30.4	1.2	+0.5	24.9
122*	9	7.67	9 6 23.7	49.47	3	0.00	1		41.61	2.90	u	0 59.2	0.1	0.0	24.9
123	9	12 35 37.14	9 4 3.6	12 44 0.70	1	+18.25	0.02		41.61	9.74	u	3 18.8	0.2	+0.5	4 24.8

Nr.	Größe	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Refr. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Delgr. in Bogen-mass	Refr.	Faden-neigung	Red.
124	12	12 ^h 35 ^m 36 ^s .74	9° 0' 31".4	12 ^h 44 ^m 9 ^s .08	2	+ 9.50	0.05		41.61	7.01	o	6' 50".9	0.4	+0.4	4' 24".8
125	12	40.40	9 1 11.2	12.73	2	+ 9.50	4		41.61	5.06	o	6 11.1	0.4	+0.4	24.8
126	12	28.63	8 58 10.2	20.15	4	- 9.67	7		41.60	13.96	o	9 12.8	0.5	-0.4	24.8
127	11	55.65	8 54 43.0	28.00	2	+ 9.53	9		41.61	10.90	i	12 39.1	0.7	+0.4	24.7
128	12	36 0.26	8 45 35.4	42.20	3	0.00	16		41.60	11.33	a	21 46.6	1.2	0.0	24.7
129*	8	25.98	8 47 41.3	49.55	1	+18.36	14		41.61	18.31	e	19 40.4	1.1	+0.5	24.6
		25.92	42.2	45 7.85	3	0.00	14			5.13	a	19 40.0	1.1	0.0	
130	12	35.02	8 51 3.8	44 58.57	1	+18.36	12		41.61	8.40	e	16 18.1	0.9	+0.5	24.6
131	11.5	40.68	8 45 6.0	45 13.04	2	+ 9.59	16		41.61	12.76	a	22 15.8	1.3	+0.2	24.6
132	13	37 1.81	8 50 56.6	25.37	1	+18.36	12		41.62	8.76	e	16 25.4	0.9	+0.5	24.5
133	12.5	4.27	8 53 34.9	27.85	1	+18.32	10		41.62	14.22	i	13 46.9	0.8	+0.8	24.5
134	12.5	15.37	8 56 28.0	38.93	1	+18.32	8		41.62	5.75	i	10 54.0	0.6	+0.8	24.5
135*	7	19.85	9 4 57.9	43.44	1	+18.25	2		41.64	7.10	u	2 24.9	0.1	+0.5	24.5
		20.06	58.4	46 1.90	3	0.00	2			7.10	u	2 24.9	0.1	0.0	
136	9	29.93	9 4 30.3	45 53.52	1	+18.25	2		41.64	8.45	u	2 52.5	0.2	+0.5	24.4
137	12	45.76	9 1 12.0	46 9.34	1	+18.28	4		41.64	5.02	o	6 10.3	0.3	+0.9	24.4
		46.02	17.1	37.56	4	- 9.68	4			17.95	u	6 6.4	0.3	-0.3	
138	11.5	56.54	8 51 43.3	20.10	1	+18.36	11		41.63	6.48	e	15 38.9	0.9	+0.5	24.3
139	11.5	38 0.96	9 3 8.1	24.56	1	+18.25	3		41.64	12.48	u	4 14.8	0.2	+0.5	24.3
140	12	37 39.93	9 2 37.7	31.46	4	- 9.68	3		41.64	14.00	u	4 45.8	0.3	-0.3	24.4
141	11	38 17.09	9 2 38.3	40.70	1	+18.25	3		41.65	13.94	u	4 44.6	0.3	+0.5	24.2
142	9	37.29	8 56 28.3	47 0.88	1	+18.32	8		41.65	5.75	i	10 54.0	0.6	+0.8	24.2
143	9	40.58	8 48 12.0	4.15	1	+18.39	14		41.64	3.67	a	19 10.2	1.1	+0.5	24.1
144	11	43.56	9 4 0.9	7.17	1	+18.25	2		41.66	9.90	u	3 22.1	0.2	+0.5	24.2
145	12	52.56	8 59 29.1	16.17	1	+18.28	6		41.65	10.07	o	7 53.4	0.4	+0.9	24.1
146	11.5	45.99	8 56 36.8	18.37	2	+ 9.53	8		41.65	5.36	i	10 46.0	0.6	+0.4	24.1
147	12	39 9.02	8 45 58.5	32.60	1	+18.39	15		41.64	10.21	a	21 23.7	1.2	+0.5	24.0
148	9.5	28.10	8 46 16.3	51.69	1	+18.39	15		41.65	9.34	a	21 6.0	1.2	+0.5	23.9
149	12	38.92	8 47 19.3	48 2.50	1	+18.39	14		41.65	6.26	a	20 3.1	1.1	+0.5	23.9
150	12	39.24	8 53 12.9	11.65	2	+ 9.53	10		41.66	15.35	i	14 9.9	0.8	+0.4	23.9
151	11	56.95	8 51 4.0	20.55	1	+18.36	12		41.66	8.43	e	16 18.7	0.9	+0.5	23.8
152	11	40 6.00	9 2 32.4	29.63	1	+18.25	3		41.67	14.25	u	4 50.9	0.3	+0.5	23.8
153	12	7.60	9 2 28.7	40.02	2	+ 9.47	4		41.67	14.44	u	4 54.8	0.3	+0.3	23.8
154	11	19.07	8 58 32.6	42.70	1	+18.28	6		41.67	12.85	o	8 50.1	0.5	+0.9	23.8
155	10	27.37	8 48 17.2	59.80	2	+ 9.56	14		41.67	16.61	e	19 5.7	1.1	+0.2	23.7
156	12	55.61	8 57 4.6	49 19.22	1	+18.32	7		41.68	4.00	i	10 18.3	0.6	+0.8	23.6
		55.50	10.0	55.53	5	-18.10	7			16.99	o	10 14.6	0.6	-0.9	
157	12	51.81	9 3 21.8	24.24	2	+ 9.47	3		41.69	11.85	u	4 1.9	0.2	+0.3	23.7
158	11.5	47.92	8 45 7.9	39.54	4	- 9.61	16		41.67	12.74	a	22 15.4	1.3	-0.3	23.6
159	11	41 5.59	8 45 15.4	47.60	3	0.00	16		41.67	12.36	a	22 7.6	1.3	0.0	23.6
160	12	48.32	8 45 44.0	50 11.95	1	+18.39	16		41.68	10.95	a	21 38.8	1.2	+0.5	23.4
161	11	46.72	9 5 45.9	19.14	2	+ 9.47	1		41.70	4.81	u	1 38.2	0.1	+0.3	23.4
162	13	35.11	9 3 10.6	26.70	4	- 9.68	3		41.70	12.44	u	4 13.9	0.2	-0.3	23.5
163	11	42 11.21	8 53 40.2	34.87	1	+18.32	10		41.70	14.02	i	13 42.8	0.8	+0.8	23.3
164	10	15.37	8 50 4.2	39.00	1	+18.36	12		41.69	11.38	e	17 18.9	1.0	+0.5	23.3
165	12	3.01	8 47 22.7	45.02	3	0.00	14		41.69	6.15	a	20 0.8	1.1	0.0	23.3
166*	9	6.15	9 5 0.0	57.73	4	- 9.68	2		41.70	7.09	u	2 24.7	0.1	-0.3	23.4
167	9	32.35	9 1 18.7	51 4.78	2	+ 9.50	4		41.71	4.78	o	6 5.4	0.3	+0.4	23.1
168	11.5	12 42 34.79	8 51 29.7	51 7.22	2	+ 9.56	0.11		41.70	7.22	e	15 54.0	0.9	+0.2	4 23.1

1	A. G.; Ll. 23185; Weisse 255; Münch. I. 7989; Sa. 245; Sj. 4464; A. N. 135. 39; Paris 15157; Pulk. Romb. 2745; Radcl. III. 3210; 4 Wien. M.-B.	33	A. G.; Münch. I. 8108; Münch. II. 4454.
		35	A. G.; Weisse 353; Münch. I. 8112.
17	A. G.; Münch. II. 4431.	49	A. G.; Ll. 23392; Weisse 385; Münch. I. 8159; 10 Y. C. 1952; Sj. 4506; Paris 15353; Pulk. Romb. 3363; A. N. 135. 40.
19	A. G.; Münch. I. 8061; Münch. II. 4435.		

ZONEN-BEOBACHTUNGEN.

50	A. G.; Ll. 23394; Weisse 387; Rümk. N. 28; Sa. 249; 10 Y. C. 1953; Paris 15357; 2 Wien. M.-B.	122 129	A. G.; Münch. I. 8358; Münch. II. 4554. A. G.; Weisse 590; Münch. I. 8390.
70	A. G.; <i>q</i> Virginis wie Nr. 54 von Zone 54.	135	A. G.; Ll. 23737; Weisse 608; Münch. I. 8411; Sa. 253; Sj. 4584; Quet. 5208; Paris 15619; Wien. Ann. 1879; Radcl. III. 3306; 3 Wien. M.-B.
73	A. G.; Ll. 23495; Münch. I. 8227.		
79	A. G.		
95	A. G.; Münch. I. 8284; Sj. 4544; Münch. II. 4521.	166	A. G.; Münch. I. 8508; A. N. 79, 76; A. N. 81, 366; Münch. II. 4615.
117	A. G.; Münch. I. 8343; Münch. II. 4547.		

Zone 56: 1888, Mai 8.

Nr.	Größe	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Refr. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Delgr. in Bogen-mass	Refr.	Faden-neigung	Red.
1*	7	12 ^h 16 ^m 49 ^s .68	9° 4' 30" 0	13 ^h 27 ^m 35 ^s .93	1	+18.34	0.15		41.25	8 ^o 10 a	20' 40" 6	1.3	-0.3	4' 28" 1	
2	11	17 0.61	10 54.4	46.95	1	+18.37	11		41.26	2.45 e	14 16.6	0.9	-0.3	28.1	
3	10	3.60	15 0.5	58.80	2	+9.54	8		41.26	3.62 i	10 10.5	0.6	0.0	28.1	
4	11	24.47	9 6.2	28 10.80	1	+18.37	12		41.26	7.75 e	16 4.8	1.0	-0.3	28.0	
5	13	24.61	15 1.2	19.82	2	+9.54	8		41.27	3.59 i	10 9.9	0.6	0.0	28.0	
6	12	36.78	14 16.8	23.19	1	+18.34	8		41.27	5.76 i	10 54.2	0.7	0.0	28.0	
7	11	51.40	4 56.7	37.67	1	+18.41	15		41.27	6.80 a	20 14.1	1.3	-0.3	27.9	
8	13	50.18	23 4.1	45.52	2	+9.48	2		41.28	6.25 u	2 7.6	0.1	-0.1	28.0	
9	10	18 14.83	5 45.0	29 1.12	1	+18.41	14		41.28	4.44 a	19 25.9	1.2	-0.3	27.9	
10	11	25.37	5 1.9	11.65	1	+18.41	15		41.28	6.55 a	20 9.0	1.2	-0.3	27.9	
11	13	25.88	10 24.7	21.04	2	+9.57	11		41.28	3.91 e	14 46.4	0.9	-0.2	27.9	
12	13	43.00	5 24.4	29.28	1	+18.41	15		41.28	5.45 a	19 46.6	1.2	-0.3	27.8	
13	9.5	49.31	6 32.8	35.61	1	+18.41	14		41.29	2.10 a	18 38.2	1.2	-0.3	27.8	
14	13.5	51.41	22 49.9	46.77	2	+9.48	2		41.30	6.95 u	2 21.9	0.1	-0.1	27.9	
15*	8	19 8.17	20	54.74	1	+18.26	3		41.30	u					
		8.15	42.2	30 3.50	2	+9.48	3			13.20 u	4 29.5	0.3	-0.1	27.8	
16	10	28.36	3 39.3	14.65	1	+18.41	16		41.30	10.60 a	21 31.7	1.3	-0.3	27.7	
17	13	37.28	6 21.0	23.63	1	+18.37	14		41.30	15.85 e	18 50.1	1.2	-0.3	27.7	
18	11	41.45	11 49.8	27.87	1	+18.34	10		41.30	12.97 i	13 21.4	0.8	0.0	27.7	
19	10	48.26	5 48.0	34.57	1	+18.41	14		41.30	4.30 a	19 23.1	1.2	-0.3	27.7	
20	9.5	55.29	23 27.3	41.89	1	+18.26	1		41.31	5.14 u	1 44.9	0.1	-0.3	27.7	
21	9	20 3.35	16 21.3	49.85	1	+18.30	7		41.31	12.85 o	8 50.1	0.5	+0.1	27.7	
22	12	19 57.22	12 26.8	31 2.00	3	0.00	9		41.31	11.16 i	12 44.4	0.8	0.0	27.7	
23	12	20 17.10	22 36.1	3.70	1	+18.26	2		41.32	7.64 u	2 36.0	0.2	-0.3	27.7	
24	12.5	24.43	13 15.0	10.88	1	+18.34	9		41.32	8.81 i	11 56.4	0.7	0.0	27.6	
25	13	18.25	4 22.8	22.97	3	0.00	15		41.31	8.46 a	20 48.0	1.3	0.0	27.6	
26	9	37.68	19 16.8	24.22	1	+18.30	4		41.32	4.26 o	5 54.8	0.4	+0.1	27.6	
		37.53	16.9	32.86	2	+9.51	4			4.26 o	5 54.8	0.4	0.0		
27	9	51.91	9 16.3	38.30	1	+18.37	12		41.32	7.28 e	15 55.2	1.0	-0.3	27.5	
28	11.5	56.52	16 33.7	43.05	1	+18.30	6		41.33	12.25 o	8 37.9	0.5	+0.1	27.5	
29	9	59.08	16 6.1	45.60	1	+18.30	7		41.33	13.60 o	9 5.4	0.6	+0.1	27.5	
30	13	43.03	23 56.4	57.60	4	-9.69	1		41.33	3.70 u	1 15.5	0.1	+0.1	27.6	
31	12.5	21 28.92	12 30.7	32 15.38	1	+18.34	9		41.33	10.98 i	12 40.7	0.8	0.0	27.5	
32	11.5	21.24	2 22.3	16.36	2	+9.60	17		41.33	14.38 a	22 48.8	1.4	-0.2	27.4	
33	13	37.84	22 37.4	24.46	1	+18.26	2		41.34	7.59 u	2 34.9	0.2	-0.3	27.5	
34	12	46.25	3 13.4	32.57	1	+18.41	16		41.33	11.88 a	21 57.8	1.4	-0.3	27.4	
35	10.5	22 1.27	20 12.2	47.88	1	+18.26	4		41.35	14.70 u	5 0.1	0.3	-0.3	27.4	
36	13	21 56.41	21 17.2	51.80	2	+9.48	3		41.34	11.51 u	3 55.0	0.2	-0.1	27.4	
37	13	22 15.01	20 41.8	33 1.63	1	+18.26	3		41.35	13.25 u	4 30.5	0.3	-0.3	27.4	
38	13	24.85	3 35.6	11.18	1	+18.41	16		41.34	10.80 a	21 35.8	1.3	-0.3	27.3	
39	12.5	25.46	5 23.9	11.80	1	+18.41	15		41.34	5.50 a	19 47.6	1.2	-0.3	27.3	
40	13	45.31	7 9.0	31.72	1	+18.37	13		41.35	13.52 e	18 2.6	1.1	-0.3	27.3	
41	9	56.54	21 56.5	43.18	1	+18.26	2		41.36	9.60 u	3 16.0	0.2	-0.3	27.3	
42	13	40.89	14 55.6	45.72	3	0.00	8		41.35	17.07 o	10 16.2	0.6	0.0	27.3	
43	13	23 9.41	17 4.7	55.97	1	+18.30	6		41.36	10.75 o	8 7.2	0.5	+0.1	27.2	
44	13	15.85	22 42.6	34 2.50	1	+18.26	2		41.37	7.35 u	2 30.0	0.2	-0.3	27.2	
45	12	12 23 31.42	9 23 37.5	13 34 36.34	3	0.00	0.01		41.37	4.65 u	1 34.9	0.1	0.0	4 27.2	

1902ANSWi...16...LP

Nr.	Größe	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Declgr. in Bogen-mass	Refr.	Faden-neigung	Red.
46	12	12 ^h 23 ^m 49 ^s .97	9° 23' 6".6	13 ^h 34 ^m 45 ^s .41	2	+ 9.48	0.02		41.38	6.17	u	2' 5".9	0.1	-0.1	4' 27".2
47*	8	24 10.87	7 57.9	57.30	1	+18.37	13		41.37	11.14	e	17 14.0	1.1	-0.3	27.0
48	11	23 38.95	12 3.1	35 1.93	5	-18.15	10		41.37	12.35	i	13 8.7	0.8	0.0	27.1
49	12.5	48.09	15 13.0	11.06	5	-18.11	7		41.37	16.23	o	9 59.1	0.6	-0.1	27.1
50	12	24 9.42	16 29.1	14.30	3	0.00	6		41.38	12.50	o	8 43.0	0.5	0.0	27.1
51	12	9.04	5 45.9	23.45	4	- 9.62	14		41.37	4.42	a	19 25.5	1.2	+0.1	27.0
52	12	3.96	7 35.2	26.94	5	-18.18	13		41.37	12.22	e	17 36.0	1.1	+0.3	27.1
53*	7	36.36	5 53.5	31.56	2	+ 9.60	14		41.38	4.06	a	19 18.2	1.2	-0.2	27.0
54	9.5	51.59	6 14.3	37.98	1	+18.41	14		41.38	3.05	a	18 57.6	1.2	-0.3	26.9
55	11	44.07	17 23.5	48.96	3	0.00	6		41.39	9.84	o	7 48.7	0.5	0.0	27.0
56	10.5	45.64	21 0.3	50.56	3	0.00	3		41.39	12.35	u	4 12.1	0.3	0.0	27.0
57	11	25 12.36	12 37.0	58.88	1	+18.34	9		41.39	10.70	i	12 35.0	0.8	0.0	26.9
58	11.5	8.74	4 18.8	36 3.93	2	+ 9.60	16		41.39	8.70	a	20 52.9	1.3	-0.2	26.9
59	12	24.50	6 13.0	10.90	1	+18.41	14		41.39	3.12	a	18 59.0	1.2	-0.3	26.8
60	12	17.65	24 9.4	22.60	3	0.00	1		41.40	3.10	u	1 3.3	0.1	0.0	26.9
61	10	40.93	3 6.4	27.32	1	+18.41	16		41.40	12.25	a	22 5.4	1.4	-0.3	26.8
62	10	40.58	11 30.1	35.90	2	+ 9.54	10		41.40	13.98	i	13 42.0	0.8	0.0	26.8
63	11	44.82	8 3.7	40.08	2	+ 9.57	13		41.40	10.86	e	17 8.3	1.1	-0.2	26.8
64	11.5	58.37	15 50.2	44.97	1	+18.30	7		41.41	14.41	o	9 22.0	0.6	+0.1	26.8
65	11	57.90	17 21.5	53.30	2	+ 9.51	6		41.41	9.95	o	7 50.9	0.5	0.0	26.8
66	13	53.50	20 45.8	58.44	3	0.00	3		41.41	13.07	u	4 26.8	0.3	0.0	26.8
67	13	26 5.89	4 54.7	37 1.10	2	+ 9.60	15		41.40	6.95	a	20 17.2	1.3	-0.2	26.7
68	11	25 53.79	4 7.2	8.21	4	- 9.62	16		41.40	9.26	a	21 4.3	1.3	+0.1	26.8
		53.83	8.4	16.85	5	-18.22	16			9.19	a	21 2.9	1.3	+0.3	
69	12.5	26 23.25	6 17.5	28.08	3	0.00	14		41.41	2.89	a	18 54.3	1.2	0.0	26.7
70	10	47.76	14 29.0	34.32	1	+18.34	8		41.42	5.23	i	10 43.4	0.7	0.0	26.6
71	10	27 7.56	11 18.6	54.07	1	+18.37	10		41.42	1.34	e	13 53.9	0.9	-0.3	26.6
72	9.5	15.49	10 53.6	38 2.00	1	+18.37	11		41.43	2.56	e	14 18.9	0.9	-0.3	26.6
73	11	9.32	2 8.1	4.53	2	+ 9.60	17		41.42	15.12	a	23 3.9	1.4	-0.2	26.5
74	13	11.44	21 49.8	16.40	3	0.00	3		41.43	9.95	u	3 23.1	0.2	0.0	26.6
75	13	36.78	22 33.1	23.50	1	+18.26	2		41.44	7.85	u	2 40.2	0.2	-0.3	26.5
76	12	46.19	13 40.8	32.76	1	+18.34	9		41.44	7.60	i	11 31.7	0.7	0.0	26.5
77	13	27.16	15 35.1	41.75	4	- 9.67	7		41.43	15.17	o	9 37.5	0.6	0.0	26.5
78	11.5	52.48	11 3.3	47.83	2	+ 9.54	11		41.44	15.31	i	14 9.1	0.9	0.0	26.4
79	11	52.68	9 40.8	57.56	3	0.00	12		41.44	6.12	e	15 31.5	1.0	0.0	26.4
80	9	28 9.85	21 44.0	39 5.35	2	+ 9.48	3		41.45	10.25	u	3 29.2	0.2	-0.1	26.4
81	13	16.58	4 57.8	11.83	2	+ 9.60	15		41.44	6.82	a	20 14.5	1.2	-0.2	26.4
82	13	44.44	19 15.2	49.42	3	0.00	4		41.46	4.41	o	5 57.8	0.4	0.0	26.3
83	10	29 2.02	10 31.7	57.35	2	+ 9.57	11		41.45	3.65	e	14 41.1	0.9	-0.2	26.2
84	11	28 59.94	8 26.1	40 4.83	3	0.00	12		41.45	9.79	e	16 46.4	1.0	0.0	26.2
85	13	29 27.55	18 30.7	14.23	1	+18.30	5		41.47	6.59	o	6 42.3	0.4	+0.1	26.2
86	12	22.40	16 22.5	17.84	2	+ 9.51	7		41.46	12.87	o	8 50.5	0.5	0.0	26.2
87	13	30.38	18 37.3	25.85	2	+ 9.51	5		41.47	6.27	o	6 35.8	0.4	0.0	26.2
88	13	33.73	22 7.6	29.26	2	+ 9.48	2		41.47	9.10	u	3 5.8	0.2	-0.1	26.2
89	11.5	30 4.52	14 25.3	51.13	1	+18.34	8		41.47	5.44	i	10 47.6	0.7	0.0	26.1
90	11.5	5.95	19 60.9	52.65	1	+18.30	4		41.48	2.18	o	5 12.3	0.3	+0.1	26.1
		5.78	56.5	41 20.45	4	- 9.67	4			2.40	o	5 16.8	0.3	0.0	
91	12	6.57	21 35.3	2.10	2	+ 9.48	3		41.48	10.69	u	3 38.2	0.2	-0.1	26.1
92	13	16.53	22 42.9	12.08	2	+ 9.48	2		41.49	7.38	u	2 30.6	0.2	-0.1	26.1
93	11.5	21.57	15 10.2	17.00	2	+ 9.54	7		41.48	3.25	i	10 2.9	0.6	0.0	26.0
94	12	8.66	22 45.1	31.76	5	-18.08	2		41.48	7.25	u	2 28.0	0.2	+0.3	26.1
95	13	40.16	7 3.4	35.50	2	+ 9.57	13		41.48	13.86	e	18 9.5	1.1	-0.2	25.9
96	9	31 6.85	16 47.2	53.54	1	+18.30	6		41.49	11.67	o	8 26.0	0.5	+0.1	25.9
97	13	30 53.31	17 15.9	58.30	3	0.00	6		41.49	10.27	o	7 57.4	0.5	0.0	25.9
98	9.5	12 31 18.01	9 21 25.3	13 42 4.78	1	+18.26	0.03		41.50	11.20	u	3 48.6	0.2	-0.3	4 25.9

ZONEN-BEOBACHTUNGEN.

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden- Interv.	Ref. und Fadenneig.	Uhr- gang	Red.	Declino- graph	Faden	Delgr. in Bogen- mass	Ref.	Faden- neig- ung	Red.
99	9	12 ^h 31 ^m 19 ^s .20	9°10'39".6	13 ^h 42 ^m 58 ^s .80	1	+18 ^s .34	0 ^s .11	+	41 ^s .49	16 ^s .50	i	14'33".4	0 ^s .9	0 ^s .0	4'25".8
100	10.5	16.58	5 42.1	11.92	2	+9.57	14	—	41.49	17.84	e	19 30.8	1.2	-0.2	25.8
101	11	21.03	8 9.0	16.38	2	+9.57	13	—	41.49	10.65	e	17 4.0	1.1	-0.2	25.8
102	10.5	13.43	12 19.7	28.04	4	-9.66	10	—	41.49	11.60	i	12 53.4	0.8	0.0	25.8
103	11	29.24	23 58.1	34.30	3	0.00	1	—	41.51	3.71	u	1 15.7	0.1	0.0	25.8
104	11	32.27	20 41.9	37.30	3	0.00	3	—	41.50	13.31	u	4 31.7	0.3	0.0	25.8
105	12	51.84	9 47.5	47.25	2	+9.54	11	—	41.50	19.05	i	15 25.5	1.0	0.0	25.7
106	9	32 5.74	17 43.5	52.45	1	+18.30	6	—	41.51	8.92	o	7 29.9	0.5	+0.1	25.7
107	12	14.28	19 45.6	43 1.05	1	+18.26	4	—	41.51	16.09	u	5 28.4	0.3	-0.3	25.7
108	10	21.28	17 46.0	8.00	1	+18.30	6	—	41.52	8.80	o	7 27.4	0.5	+0.1	25.7
109	11	20.03	22 23.2	15.61	2	+9.48	2	—	41.52	8.36	u	2 50.7	0.2	-0.1	25.7
110	11	34.02	9 47.2	20.61	1	+18.37	11	—	41.51	5.86	e	15 26.2	1.0	-0.3	25.6
		34.18	45.6	48.80	4	-9.66	11	—		19.15	i	15 27.5	1.0	0.0	
111	9	29.14	6 40.0	24.50	2	+9.57	14	—	41.51	15.02	e	18 33.2	1.1	-0.2	25.6
112	9	48.88	12 49.6	35.53	1	+18.34	9	—	41.52	10.15	i	12 23.8	0.8	0.0	25.5
113	9.5	42.61	7 32.4	37.98	2	+9.57	13	—	41.51	12.46	e	17 40.9	1.1	-0.2	25.5
114	11	35.88	15 3.8	50.55	4	-9.67	8	—	41.52	16.75	o	10 9.7	0.6	0.0	25.6
115	13	49.11	18 58.1	54.14	3	0.00	5	—	41.52	18.40	u	6 15.6	0.4	0.0	25.6
116	13	33 11.59	2 46.5	44 6.90	2	+9.60	17	—	41.52	13.29	a	22 26.6	1.4	-0.2	25.4
117	11	34.84	8 9.3	21.43	1	+18.37	13	—	41.53	10.66	e	17 4.2	1.1	-0.3	25.4
118	10	38.87	18 20.3	25.62	1	+18.30	5	—	41.54	7.14	o	6 53.5	0.4	+0.1	25.4
119	9.5	48.91	14 24.1	35.59	1	+18.34	8	—	41.54	5.53	i	10 49.5	0.7	0.0	25.4
120	13	58.46	17 45.5	45.20	1	+18.30	6	—	41.54	8.84	o	7 28.3	0.5	+0.1	25.3
121	12	34 13.50	17 37.0	45 0.25	1	+18.30	6	—	41.55	9.26	o	7 36.8	0.5	+0.1	25.3
122*	9	23.37	5 9.9	9.91	1	+18.41	15	—	41.54	6.29	a	20 3.7	1.2	-0.3	25.2
123	12.5	16.31	10 12.4	11.73	2	+9.57	11	—	41.54	4.64	e	15 1.3	0.9	-0.2	25.3
124	13	28.91	9 52.8	15.53	1	+18.37	11	—	41.54	5.61	e	15 21.1	0.9	-0.3	25.2
125*	8	40.84	8 4.6	27.44	1	+18.37	13	—	41.54	10.90	e	17 9.1	1.1	-0.3	25.2
126	12	44.02	13 26.4	39.50	2	+9.54	9	—	41.55	8.37	i	11 47.5	0.7	0.0	25.1
127	10	58.37	10 46.0	45.00	1	+18.37	11	—	41.55	3.01	e	14 28.0	0.9	-0.3	25.1
128	12	35 0.91	14 15.8	47.60	1	+18.34	8	—	41.55	5.95	i	10 58.1	1.7	0.0	25.1
129*	9	7.60	6 18.0	54.16	1	+18.41	14	—	41.55	2.96	a	18 55.7	1.2	-0.3	25.1
130	12	11.73	9 6.0	58.35	1	+18.37	12	—	41.55	7.90	e	16 7.9	1.0	-0.3	25.1
131	13	17.44	6 34.2	46 4.00	1	+18.41	14	—	41.55	2.17	a	18 39.6	1.2	-0.3	25.0
132	10.5	25.84	19 51.4	12.63	1	+18.30	4	—	41.57	2.70	o	5 22.9	0.3	+0.1	25.0
		25.83	48.3	49.00	5	-18.08	4	—		15.96	u	5 25.8	0.3	+0.3	
133	9	37.29	4 5.6	23.83	1	+18.41	16	—	41.55	9.45	a	21 8.2	1.3	-0.3	24.9
134	10.5	42.02	22 12.9	37.65	2	+9.48	2	—	41.57	8.90	u	3 1.7	0.2	-0.1	25.0
135	11	43.65	16 58.2	39.21	2	+9.51	6	—	41.57	11.18	o	8 16.0	0.5	0.0	25.0
136	12	41.70	20 57.2	46.80	3	0.00	3	—	41.57	12.60	u	4 17.2	0.3	0.0	25.0
137	12	43.99	23 2.4	58.80	4	-9.69	2	—	41.58	6.47	u	2 12.1	0.1	+0.1	25.0
138	12	36 19.05	21 34.0	47 5.90	1	+18.26	3	—	41.58	10.82	u	3 40.9	0.2	-0.3	24.9
139	12	35 53.32	21 5.7	8.12	4	-9.69	3	—	41.58	12.18	u	4 8.6	0.3	+0.1	25.0
140	11	36 18.34	4 38.5	13.72	2	+9.60	15	—	41.57	7.84	a	20 35.3	1.3	-0.2	24.8
141	11.5	32.62	15 27.7	28.15	2	+9.54	7	—	41.58	2.45	i	9 46.6	0.6	0.0	24.8
142	13	58.06	8 18.7	44.70	1	+18.37	13	—	41.58	10.24	e	16 55.6	1.0	-0.3	24.7
143	12.5	59.98	8 51.1	46.63	1	+18.37	12	—	41.58	8.65	e	16 23.2	1.0	-0.3	24.7
144	13	57.64	22 35.7	53.29	2	+9.48	2	—	41.59	7.80	u	2 39.2	0.2	-0.1	24.7
145*	7	37 20.15	4 63.8	48 6.73	1	+18.41	15	—	41.58	6.62	a	20 10.4	1.2	-0.3	24.6
		20.14	54.8	25.13	3	0.00	15	—		7.04	a	20 19.0	1.3	0.0	
146*	9	21.35	21 54.4	17.01	2	+9.48	2	—	41.60	9.82	u	3 20.5	0.2	-0.1	24.7
147	9	30.12	4 28.1	35.12	3	0.00	15	—	41.59	8.35	a	20 45.7	1.3	0.0	24.6
148	11	35.71	22 57.2	40.86	3	0.00	2	—	41.61	6.75	u	2 17.8	0.1	0.0	24.6
149	12	39.52	21 3.5	44.66	3	0.00	3	—	41.61	12.31	u	4 11.3	0.3	0.0	24.6
150*	8	12 37 58.80	9 23 47.4	13 48 54.48	2	+9.48	0.01	—	41.61	4.30	u	1 27.8	0.1	-0.1	4 24.5

1902AnsWi...16...LP

Nr.	Größe	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadeneig.	Uhr-gang	Red.	Declino-graph	Faden	Declgr. in Bogen-mass	Ref.	Faden-neigung	Red.
151	11.5	12 ^h 38 ^m 1 ^s .31	— 9° 3' 9".6	13 ^h 48 ^m 56 ^s .70	2	+ 9.60	0.16	+	—	41.59	12.21	a 22' 4"5	1.4	—0.2	4' 24".4
152	11	17.47	2 41.0	49 12.86	2	+ 9.60	17	+	—	41.60	13.61	a 22 33.1	1.4	—0.2	24.4
153	12	9.92	19 40.7	15.05	3	0.00	4	+	—	41.61	16.37	u 5 34.2	0.3	0.0	24.5
154	12	27.24	7 35.7	22.70	2	+ 9.57	13	+	—	41.60	12.35	e 17 38.7	1.1	—0.2	24.4
155	10	41.71	10 11.7	28.43	1	+18.34	11	+	—	41.61	17.94	i 15 2.8	0.9	0.0	24.3
156	12	30.15	18 26.3	35.28	3	0.00	5	+	—	41.62	6.90	o 6 48.6	0.4	0.0	24.4
157	11	43.57	4 5.1	48.58	3	0.00	16	+	—	41.61	9.49	a 21 9.0	1.3	0.0	24.3
158	13	39 2.95	22 54.8	58.64	2	+ 9.48	2	+	—	41.63	6.89	u 2 20.6	0.1	—0.1	24.3
159	11	15.83	20 43.6	50 2.73	1	+18.26	3	+	—	41.63	13.32	u 4 31.9	0.3	—0.3	24.2
160	13	10.11	13 30.8	15.20	3	0.00	9	+	—	41.62	8.20	i 11 44.0	0.7	0.0	24.2
161	12	24.09	16 26.3	19.70	2	+ 9.51	7	+	—	41.63	12.78	o 8 48.7	0.5	0.0	24.2
162	9	28.52	22 8.8	24.22	2	+ 9.48	2	+	—	41.64	9.14	u 3 6.6	0.2	—0.1	24.2
163	9	35.16	21	30.86	2	+ 9.48	2	+	—	41.64		u			
164	13	35.89	23 42.0	31.60	2	+ 9.48	1	+	—	41.64	4.58	u 1 33.5	0.1	—0.1	24.2
165	10	52.09	21 5.3	39.00	1	+18.26	3	+	—	41.64	12.26	u 4 10.3	0.3	—0.3	24.1
166*	9	40 0.59	10 20.6	56.10	2	+ 9.57	11	+	—	41.63	4.30	e 14 54.4	0.9	—0.2	24.0
167	9.5	2.00	6 45.8	57.45	2	+ 9.60	14	+	—	41.63	1.65	a 18 29.0	1.1	—0.2	24.0
168	12	10.85	20 24.2	51 6.53	2	+ 9.48	4	+	—	41.64	14.27	u 4 51.3	0.3	—0.1	24.0
169	13	10.74	13 8.2	15.85	3	0.00	9	+	—	41.64	9.32	i 12 6.8	0.7	0.0	24.0
170	11	25.95	18 1.8	21.60	2	+ 9.51	5	+	—	41.65	8.12	o 7 13.6	0.4	0.0	23.9
171	10.5	28.51	12 21.8	24.07	2	+ 9.54	10	+	—	41.64	11.59	i 12 53.2	0.8	0.0	23.9
172	10.5	48.21	13 14.9	34.99	1	+18.34	9	+	—	41.65	9.00	i 12 0.3	0.7	0.0	23.8
173	11	31.67	21 16.8	36.85	3	0.00	3	+	—	41.65	11.70	u 3 58.8	0.2	0.0	23.9
174	12	52.26	3 15.5	47.70	2	+ 9.60	16	+	—	41.64	11.95	a 21 59.2	1.4	—0.2	23.8
175	13	41 2.14	6 32.2	48.83	1	+18.37	14	+	—	41.64	15.49	e 18 42.8	1.2	—0.3	23.8
176	13	40 51.38	5 32.7	56.43	3	0.00	15	+	—	41.64	18.39	e 19 42.0	1.2	0.0	23.8
177	11	58.10	15 39.1	52 3.24	3	0.00	7	+	—	41.65	15.11	o 9 36.2	0.6	0.0	23.8
178*	9	41 34.19	21 26.5	21.13	1	+18.26	3	+	—	41.67	11.25	u 3 49.6	0.2	—0.3	23.7
179	10.5	36.57	14 13.0	23.37	1	+18.34	8	+	—	41.66	6.16	i 11 2.3	0.7	0.0	23.7
180	12	35.95	18 23.9	31.62	2	+ 9.51	5	+	—	41.67	7.05	o 6 51.7	0.4	0.0	23.7
181	11	46.96	5 48.9	33.63	1	+18.41	14	+	—	41.66	4.46	a 19 26.3	1.2	—0.3	23.6
182	13	35.06	6 23.1	40.13	3	0.00	14	+	—	41.65	2.77	a 18 51.8	1.2	0.0	23.6
183	10.5	58.93	11 22.8	45.68	1	+18.37	10	+	—	41.66	1.28	e 13 52.7	0.9	—0.3	23.6
184*	9	12 42 6.21	— 9 5 5.3	13 52 52.87	1	+18.41	0.15	+	—	41.66	6.60	a 20 10.0	1.2	—0.3	4 23.5

- | | | | |
|-----|------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------|
| 1 | A. G.; wie Nr. 1 von Zone 55. | 129 | A. G.; wie Nr. 122 von Zone 55. |
| 15 | A. G.; Weisse 286; Münch. I. 8036; Sj. 4475; Pulk. Romb. 2766; Münch. II. 4423; A. N. 135, 40. | 145 | A. G.; wie Nr. 135 von Zone 55. |
| 47 | A. G.; Weisse 379; Münch. I. 8148; Paris 15341; Pulk. Romb. 2802; A. N. 135, 40. | 146 | A. G. |
| 53 | A. G.; wie Nr. 49 von Zone 55. | 150 | A. G.; Münch. I. 8426. |
| 122 | A. G.; Münch. I. 8343. | 166 | Münch. I. 8464; Münch. II. 4593. |
| 125 | A. G.; Münch. I. 8352; Sj. 4571. | 178 | A. G.; Weisse 684; Münch. I. 8494; Münch. II. 4610. |
| | | 184 | A. G.; wie Nr. 166 von Zone 55. |

Zone 57: 1888, Mai 8.

Nr.	Größe	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadeneig.	Uhr-gang	Red.	Declino-graph	Faden	Declgr. in Bogen-mass	Ref.	Faden-neigung	Red.
1	11	12 ^h 17 ^m 10 ^s .04	— 9° 33' 57".0	13 ^h 58 ^m 57 ^s .15	1	+18.35	0.09	+	—	41.27	3.75	i 10' 13".2	0.7	0.0	4' 28".1
2	13.5	17.14	31 58.3	59 4.25	1	+18.35	10	+	—	41.28	9.56	i 12 11.7	0.9	0.0	28.1
3	12	26.46	28 23.9	13.50	1	+18.39	13	+	—	41.28	6.84	e 15 46.2	1.1	—0.3	28.1
4	12	12 17 37.76	— 9 30 55.0	13 59 24.86	1	+18.35	0.11	+	—	41.28	12.66	i 13 15.0	0.9	0.0	4 28.1

ZONEN-BEOBACHTUNGEN.

Nr.	Größe	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Delgr. in Bogenmass	Ref.	Faden-neigung	Red.
5	13	12 ^h 17 ^m 34 ^s .55	9°37'20".8	13 ^h 59 ^m 30 ^s .56	2	+ 9 ^s .49	0 ^s .06		41 ^s .28	20 ^m .07	u	6' 49".7	0 ^s .5	-0".1	4' 28".1
6	12	55.51	36 59.0	42.70	1	+18.32			41.29	8.01	o	7 11.3	0.5	+0.1	28.1
7	13	18 16.92	25 58.8	14 0 3.95	1	+18.39			41.29	13.94	e	18 11.2	1.3	-0.3	28.0
8	11	18.90	29 28.4	6.00	1	+18.35			41.29	16.90	i	14 41.6	1.0	0.0	28.0
9	13	14.27	36 6.0	19.77	3	0.00			41.29	10.61	o	8 4.4	0.6	0.0	28.0
10	13.5	49.92	26 19.0	36.96	1	+18.39			41.30	12.96	e	17 51.2	1.2	-0.3	27.9
11	13	50.68	36 27.7	37.87	1	+18.32			41.30	9.55	o	7 42.7	0.5	+0.1	28.0
12	13	19 2.48	27 15.8	49.53	1	+18.39			41.30	10.18	e	16 54.4	1.2	-0.3	27.9
13	12	19.77	26 13.7	1 6.82	1	+18.39			41.31	13.22	e	17 56.5	1.3	-0.3	27.8
14	9.5	26.00	23 0.6	12.98	1	+18.43			41.31	9.51	a	21 9.4	1.5	-0.3	27.8
15	13	31.53	29 25.5	18.61	1	+18.39			41.31	3.84	e	14 45.0	1.0	-0.3	27.8
		31.51	15.1	36.97	3	0.00				17.56	i	14 55.1	1.0	0.0	
16	12	30.97	40 39.2	27.05	2	+ 9.49			41.32	10.38	u	3 31.9	0.2	-0.1	27.8
17	9.5	55.44	23 29.1	42.42	1	+18.43			41.31	8.12	a	20 41.1	1.4	-0.3	27.7
18	12	20 2.69	38 55.9	58.77	2	+ 9.49			41.33	15.43	u	5 15.0	0.4	-0.1	27.8
19	13	12.36	36 6.9	59.58	1	+18.32			41.33	10.57	o	8 3.6	0.6	+0.1	27.8
20	13	9.94	30 28.5	2 5.87	2	+ 9.55			41.32	13.97	i	13 41.8	1.0	0.0	27.7
21	12	17.21	22 36.9	13.02	2	+ 9.61			41.32	10.67	a	21 33.1	1.5	-0.2	27.7
22*	9	26.29	39 38.2	22.37	2	+ 9.49			41.33	13.37	u	4 32.9	0.3	-0.1	27.7
23	13	43.21	24 4.4	30.22	1	+18.43			41.33	6.40	a	20 5.9	1.4	-0.3	27.6
24	11.5	46.64	28 55.6	33.73	1	+18.39			41.33	5.31	e	15 15.0	1.1	-0.3	27.6
25	12	47.73	30 14.1	34.87	1	+18.35			41.33	14.68	i	13 56.3	1.0	0.0	27.6
26	11	50.94	35 59.7	46.97	2	+ 9.52			41.34	10.94	o	8 11.1	0.6	0.0	27.6
27	13	43.32	40 26.9	48.91	3	0.00			41.34	10.98	u	3 44.1	0.3	0.0	27.7
28*	8	21 23.60	28 31.2	3 10.70	1	+18.39			41.34	6.51	e	15 39.5	1.1	-0.3	27.5
29	12	23.69	28 20.9	19.60	2	+ 9.58			41.34	7.01	e	15 49.7	1.1	-0.2	27.5
30	13	30.96	33 40.3	26.95	2	+ 9.55			41.35	4.60	i	10 30.5	0.7	0.0	27.5
31	13	24.30	38 27.7	29.88	3	0.00			41.35	3.70	o	5 43.3	0.4	0.0	27.6
32	13	25.69	41 56.6	41.00	4	- 9.70			41.35	6.59	u	2 14.5	0.2	+0.1	27.6
33	10.5	53.17	29 37.3	49.10	2	+ 9.58			41.35	3.27	e	14 33.4	1.0	-0.2	27.5
34	13	35.18	39 48.1	50.47	4	- 9.70			41.35	12.88	u	4 22.9	0.3	+0.1	27.6
35	12.5	22 8.96	37 37.6	56.22	1	+18.32			41.36	6.15	o	6 33.3	0.5	+0.1	27.5
36	12	15.16	40 47.5	4 2.49	1	+18.28			41.36	10.00	u	3 24.1	0.2	-0.3	27.5
37	12	16.53	32 6.8	12.52	2	+ 9.55			41.36	9.18	i	12 4.0	0.8	0.0	27.4
38	11	40.42	36 16.9	27.68	1	+18.32			41.37	10.10	o	7 54.0	0.6	+0.1	27.4
39	13	42.99	27 32.7	30.10	1	+18.39			41.36	9.38	e	16 38.1	1.2	-0.3	27.3
40	12.5	40.09	41 24.1	36.23	2	+ 9.49			41.37	8.20	u	2 47.4	0.2	-0.1	27.4
41	9	56.66	21 56.9	43.68	1	+18.43			41.36	12.65	a	22 13.5	1.6	-0.3	27.3
42	12	23 0.67	30 13.2	56.65	2	+ 9.55			41.37	14.74	i	13 57.5	1.0	0.0	27.3
43	12	15.91	30 2.8	5 3.09	1	+18.35			41.37	15.25	i	14 7.9	1.0	0.0	27.3
44	12	9.29	37 0.3	5.37	2	+ 9.52			41.38	7.99	o	7 10.9	0.5	0.0	27.3
45	12	16.65	37 25.2	12.73	2	+ 9.52			41.38	6.77	o	6 46.0	0.5	0.0	27.3
46	11	18.19	33 23.5	14.21	2	+ 9.55			41.38	5.43	i	10 47.4	0.8	0.0	27.3
47	10.5	26.14	31 57.5	31.70	3	0.00			41.38	9.64	i	12 13.4	0.9	0.0	27.2
48	11	45.47	40 43.3	41.62	2	+ 9.49			41.39	10.21	u	3 28.4	0.2	-0.1	27.2
49	10	38.04	29 14.4	43.57	3	0.00			41.38	4.40	e	14 56.4	1.0	0.0	27.2
50	11	45.19	41 51.8	50.84	3	0.00			41.39	6.85	u	2 19.8	0.2	0.0	27.2
51	13	59.17	42 46.4	6 4.83	3	0.00			41.39	4.18	u	1 25.3	0.1	0.0	27.2
52	11	24 20.34	30 53.9	7.55	1	+18.35			41.39	12.76	i	13 17.1	0.9	0.0	27.1
53	12	35.09	29 29.5	31.10	2	+ 9.55			41.40	16.89	i	14 41.4	1.0	0.0	27.1
54	12	45.85	29 45.5	33.06	1	+18.35			41.40	16.11	i	14 25.5	1.0	0.0	27.0
55	10.5	45.93	21 4.0	51.40	3	0.00			41.39	15.24	a	23 6.4	1.6	0.0	27.0
56	10.5	25 14.05	30 12.1	7 1.27	1	+18.35			41.41	14.81	i	13 58.9	1.0	0.0	27.0
57	12	12 25 17.54	9 24 12.2	14 7 4.62	1	+18.43	0.17		41.40	6.05	a	19 58.8	1.4	-0.3	4 26.9

1902ANSWi...6....1P

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Delgr. in Bogen-mass	Ref.	Faden-neigung	Red.
58	12	12 ^h 25 ^m 25 ^s .71	9° 24' 25".1	14 ^h 7 ^m 12 ^s .80	1	+18.43	0.17		41.41	5.42	a	19' 45".9	1.4	-0.3	4' 26".9
59	12.5	21.60	42 38.5	17.80	2	+9.49			41.42	4.58	u	1 33.5	0.1	-0.1	27.0
60	12.5	25.72	35 20.3	21.82	2	+9.52			41.41	12.90	o	8 51.1	0.6	0.0	27.0
61	11.5	33.74	31 9.4	29.77	2	+9.55	11		41.41	12.01	i	13 1.8	0.9	0.0	26.9
62	10	49.78	29 15.6	37.00	1	+18.35	13		41.42	17.58	i	14 55.5	1.0	0.0	26.9
63	13	47.28	23 35.6	52.80	3	0.00	17		41.41	7.83	a	20 35.1	1.4	0.0	26.9
64	11	26 11.49	35 15.3	58.80	1	+18.32	8		41.43	13.15	o	8 56.2	0.6	+0.1	26.8
		11.67	16.1	8 35.43	5	-18.13	8			13.12	o	8 55.6	0.6	-0.1	
65	13	25 49.94	31 41.5	5.20	4	-9.67	11		41.42	10.44	i	12 29.7	0.9	0.0	26.9
66	13	45.38	30 45.1	9.14	5	-18.17	11		41.42	13.20	i	13 26.1	0.9	0.0	26.9
67	13	26 6.32	40 46.9	30.10	5	-18.10	3		41.43	10.03	u	3 24.7	0.2	+0.3	26.9
68	11.5	38.92	42 59.6	44.64	3	0.00	1		41.45	3.55	u	1 12.5	0.1	0.0	26.8
69	9.5	27 9.53	35 9.0	56.85	1	+18.32	8		41.44	13.46	o	9 2.6	0.6	+0.1	26.7
70	11	5...	27 21.4		3					9.95	e	16 49.7	1.2	0.0	26.7
		5.62	22.7	9 29.40	5	-18.20	14		41.44	9.87	e	16 48.1	1.2	+0.3	
71*	8	26 58.31	28 53.9	22.10	5	-18.20	13		41.44	5.41	e	15 17.0	1.1	+0.3	26.7
72	10	27 45.65	27 2.8	41.65	2	+9.58	15		41.45	10.88	e	17 8.7	1.2	-0.2	26.5
73	11.5	49.82	37 8.6	45.98	2	+9.52	6		41.46	7.62	o	7 3.3	0.5	0.0	26.6
74	9.5	28 2.96	41 19.8	50.40	1	+18.28	2		41.46	8.46	u	2 52.7	0.2	-0.3	26.6
75	11.5	6.44	39 21.4	53.86	1	+18.28	4		41.46	14.26	u	4 51.1	0.3	-0.3	26.5
		6.30	19.2	10 30.10	5	-18.10	4			14.34	u	4 52.7	0.3	+0.3	
76	9	9.85	21 42.4	5.78	2	+9.61	19		41.45	13.40	a	22 28.8	1.6	-0.2	26.4
77	11	15.98	42 27.0	12.23	2	+9.49	1		41.47	5.17	u	1 45.5	0.1	-0.1	26.5
78	12.5	19.40	37 52.3	34.80	4	-9.70	5		41.47	18.60	u	6 19.7	0.4	+0.1	26.5
79	13	50.06	23 37.8	46.02	2	+9.61	17		41.46	7.76	a	20 33.7	1.4	-0.2	26.3
80	10	29 10.87	28 17.1	58.10	1	+18.39	13		41.47	7.26	e	15 54.8	1.1	-0.3	26.3
81	11	22.16	25 40.1	11 9.32	1	+18.43	16		41.47	1.78	a	18 31.6	1.3	-0.3	26.3
82	11.5	28.33	40 64.0	15.79	1	+18.28	3		41.49	9.25	u	3 8.8	0.2	-0.3	26.3
		27.97	57.7	24.22	2	+9.49	3			9.55	u	3 14.9	0.2	-0.1	
83*	9	39.73	41 48.1	27.20	1	+18.28	2		41.49	7.09	u	2 24.7	0.2	-0.3	26.3
		39.87	47.1	36.13	2	+9.49	2			7.13	u	2 25.5	0.2	-0.1	
84	11	50.01	38 4.1	37.41	1	+18.32	5		41.49	4.92	o	6 8.2	0.4	+0.1	26.2
85	10	53.50	29 54.7	40.76	1	+18.39	12		41.49	2.49	e	14 17.4	1.0	-0.3	26.2
86	12.5	30 4.90	22 53.5	52.05	1	+18.43	18		41.48	9.94	a	21 18.2	1.5	-0.3	26.1
87	12	8.74	22 56.8	55.89	1	+18.43	18		41.48	9.78	a	21 14.9	1.5	-0.3	26.1
88	13	16.64	22 50.4	12 3.80	1	+18.43	18		41.49	10.09	a	21 21.3	1.5	-0.3	26.1
89	12	29.99	27 12.4	17.23	1	+18.39	14		41.49	10.44	e	16 59.7	1.2	-0.3	26.0
90	9.5	36.21	24 36.6	23.38	1	+18.43	17		41.49	4.90	a	19 35.3	1.4	-0.3	26.0
91	13	45.95	25 4.8	33.14	1	+18.43	16		41.50	3.52	a	19 7.2	1.3	-0.3	26.0
92	11	53.45	32 3.5	40.78	1	+18.35	10		41.50	9.41	i	12 8.7	0.8	0.0	26.0
93	12	56.31	31 50.3	52.44	2	+9.55	10		41.50	10.05	i	12 21.8	0.9	0.0	26.0
94	12	59.44	24 46.3	55.45	2	+9.61	16		41.50	4.42	a	19 25.5	1.4	-0.2	26.0
95	11.5	31 8.74	34 52.2	13 4.90	2	+9.55	8		41.51	1.15	i	9 20.1	0.7	0.0	26.0
96	11	14.27	39 24.1	10.53	2	+9.49	4		41.51	14.15	u	4 48.8	0.3	-0.1	25.9
97	9.5	18.34	21 29.2	23.93	3	0.00	19		41.50	14.06	a	22 42.3	1.6	0.0	25.9
98	11	29.51	23 59.2	25.55	2	+9.58	17		41.51	19.90	e	20 12.8	1.4	-0.2	25.8
99	13	45.43	26 28.5	32.68	1	+18.39	15		41.51	12.60	e	17 43.8	1.2	-0.3	25.8
100	12	55.82	36 14.9	43.24	1	+18.32	7		41.53	10.28	o	7 57.6	0.6	+0.1	25.8
101	13	44.00	39 45.2	49.76	3	0.00	4		41.52	13.11	u	4 27.6	0.3	0.0	25.9
102	13	32 12.03	40 6.6	59.53	1	+18.28	3		41.53	12.08	u	4 6.6	0.3	-0.3	25.8
103	13	15.95	36 45.0	14 3.38	1	+18.32	6		41.53	8.81	o	7 27.6	0.5	+0.1	25.8
104	11	16.97	37 11.7	4.40	1	+18.32	6		41.53	7.50	o	7 7.0	0.5	+0.1	25.8
105	12	18.18	24 12.1	14.20	2	+9.61	17		41.52	6.11	a	20 0.0	1.4	-0.2	25.7
106	11	12 32 20.55	9 22 30.1	14 14 26.17	3	0.00	0.18		41.52	11.09	a	21 41.7	1.5	0.0	4 25.7

ZONEN-BEOBACHTUNGEN.

Nr.	Größe	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Dclgr. in Bogen-mass	Ref.	Faden-neigung	Red.
107	11	12 ^h 32 ^m 12 ^s .58	9°22'14"1	14 ^h 14 ^m 27 ^s .82	4	9 ^s .63	0 ^s .19		41 ^s .52	11 ^s .87	a	21'57".6	1 ^s .5	+0".1	4'25".7
108	13	30.17	32 59.1	35.88	3	0.00	10		41.53	6.70	i	11 13.4	0.8	0.0	25.7
109	11	35.76	25 26.8	41.40	3	0.00	16		41.52	2.45	a	18 45.3	1.3	0.0	25.6
110	10.5	51.06	31 41.8	47.22	2	+ 9.55	11		41.54	10.49	i	12 30.7	0.9	0.0	25.6
111	12	33 2.54	36 10.1	58.77	2	+ 9.52	7		41.54	10.53	o	8 2.7	0.6	0.0	25.6
112	10	4.47	28 56.3	15 10.16	3	0.00	13		41.54	5.36	e	15 16.0	1.1	0.0	25.6
113	12.5	32 51.95	39 29.9	15.83	5	-18.10	4		41.54	13.86	u	4 42.9	0.3	+0.3	25.6
114	12	33 4.39	40 2.1	19.88	4	- 9.70	4		41.55	12.29	u	4 10.9	0.3	+0.1	25.6
115	13	17.28	40 19.2	23.08	3	0.00	3		41.55	11.46	u	3 53.9	0.3	0.0	25.6
116	13	50.46	26 13.7	37.75	1	+18.39	15		41.55	13.34	e	17 58.9	1.3	-0.3	25.4
117	13	34 10.28	36 32.1	57.73	1	+18.32	7		41.56	9.46	o	7 40.9	0.5	+0.1	25.4
118	12	14.69	39 22.1	16 2.22	1	+18.28	4		41.57	14.28	u	4 51.5	0.3	-0.3	25.4
119	11.5	25.90	33 4.6	13.30	1	+18.35	9		41.56	6.45	i	11 8.3	0.8	0.0	25.3
120	9.5	26.36	42 9.0	22.70	2	+ 9.49	2		41.57	6.11	u	2 4.7	0.1	-0.1	25.3
121	11	51.65	25 24.2	38.90	1	+18.43	16		41.56	2.61	a	18 48.6	1.3	-0.3	25.2
122	12	55.86	24 23.3	43.10	1	+18.43	17		41.56	5.59	a	19 49.4	1.4	-0.3	25.2
123	13	35 6.68	27 33.5	54.00	1	+18.39	14		41.57	9.45	e	16 39.5	1.2	-0.3	25.1
124	13	14.49	25 56.2	17 1.80	1	+18.39	15		41.57	14.21	e	18 16.7	1.3	-0.3	25.1
125	10	28.91	36 48.5	16.40	1	+18.32	6		41.59	8.67	o	7 24.8	0.5	+0.1	25.1
126	12	35.72	28 27.8	23.06	1	+18.39	13		41.58	6.80	e	15 45.4	1.1	-0.3	25.0
127	10.5	41.97	22 13.6	29.20	1	+18.43	19		41.57	11.95	a	21 59.2	1.5	-0.3	25.0
128	12	46.56	22 29.3	33.80	1	+18.43	18		41.57	11.18	a	21 43.5	1.5	-0.3	25.0
129	10	36 2.21	34 47.6	49.68	1	+18.32	8		41.59	14.59	o	9 25.6	0.7	+0.1	25.0
130	9	9.44	24 47.7	56.75	1	+18.39	16		41.58	17.57	e	19 25.3	1.4	-0.3	24.9
131	10.5	13.95	37 25.4	18 1.49	1	+18.28	6		41.60	20.01	u	6 48.5	0.5	-0.3	24.9
132	12	20.39	39 22.4	7.95	1	+18.28	4		41.60	14.29	u	4 51.7	0.3	-0.3	24.9
133	11	18.51	33 19.5	14.77	2	+ 9.52	9		41.59	18.91	o	10 53.8	0.8	0.0	24.9
134	12	19.03	21 36.7	24.70	3	0.00	19		41.58	13.74	a	22 35.8	1.6	0.0	24.9
135	13	38.85	24 23.2	34.97	2	+ 9.58	17		41.59	18.77	e	19 49.8	1.4	-0.2	24.8
136	13	50.32	25 9.1	37.65	1	+18.39	16		41.60	16.54	e	19 4.2	1.3	-0.3	24.7
137	9.5	48.83	35 47.6	45.13	2	+ 9.52	7		41.61	11.67	o	8 26.0	0.6	0.0	24.8
138	12.5	37 0.92	31 44.5	48.34	1	+18.35	11		41.60	10.40	i	12 28.9	0.9	0.0	24.7
139	13	36 46.65	39 40.7	19 2.20	4	- 9.70	4		41.61	13.38	u	4 33.1	0.3	+0.1	24.8
140	13	37 9.88	29 58.5	6.10	2	+ 9.55	12		41.61	15.59	i	14 14.8	1.0	0.0	24.7
141*	9	21.07	21 50.9	17.15	2	+ 9.61	19		41.60	13.07	a	22 22.1	1.6	-0.2	24.6
142	11	35.56	22 56.8	22.83	1	+18.43	18		41.60	9.85	a	21 16.4	1.5	-0.3	24.6
143	10.5	36.43	38 3.3	32.76	2	+ 9.52	5		41.62	5.04	o	6 10.7	0.4	0.0	24.6
144	13	42.78	41 16.5	39.17	2	+ 9.49	3		41.63	8.71	u	2 57.8	0.2	-0.1	24.6
145*	8	58.56	23 45.4	45.85	1	+18.43	17		41.61	7.48	a	20 28.0	1.4	-0.3	24.5
146	9	38 11.47	41 38.6	59.08	1	+18.28	2		41.63	7.64	u	2 36.0	0.2	-0.3	24.5
147	13	9.97	28 39.8	20 6.16	2	+ 9.58	13		41.62	6.23	e	15 33.8	1.1	-0.2	24.5
148	12	11.03	26 15.6	7.20	2	+ 9.58	15		41.62	13.29	e	17 57.9	1.3	-0.2	24.4
149	13	21.75	31 48.9	18.00	2	+ 9.55	11		41.63	10.20	i	12 24.8	0.9	0.0	24.4
150	12.5	25.88	40 58.5	31.77	3	0.00	3		41.64	9.59	u	3 15.8	0.2	0.0	24.5
151	10	45.71	36 13.0	33.24	1	+18.32	7		41.64	10.44	o	8 0.9	0.6	+0.1	24.4
152	10	39 0.78	40 9.5	48.40	1	+18.28	3		41.65	12.01	u	4 5.2	0.3	-0.3	24.3
153	13	3.18	22 48.2	59.30	2	+ 9.61	18		41.63	10.29	a	21 25.3	1.5	-0.2	24.2
154	14	23.87	29 33.2	21 11.32	1	+18.35	12		41.64	16.85	i	14 40.6	1.0	0.0	24.2
155	9.5	35.81	35 42.4	23.35	1	+18.32	7		41.65	11.95	o	8 31.7	0.6	+0.1	24.2
156	9	28.52	22 18.4	24.64	2	+ 9.61	19		41.64	11.75	a	21 55.2	1.5	-0.2	24.1
157	9	35.09	21 45.3	31.21	2	+ 9.61	19		41.64	13.37	a	22 28.2	1.6	-0.2	24.1
158	13	35.72	23 43.7	41.47	3	0.00	17		41.64	7.57	a	20 29.8	1.4	0.0	24.1
159	13	44.70	24 53.3	50.47	3	0.00	16		41.65	17.32	e	19 20.2	1.4	0.0	24.1
160	11.5	12 40 9.04	9 25 5.1	14 21 56.42	1	+18.39	0.16		41.65	16.77	e	19 8.9	1.3	-0.3	4 24.0

1902ANSWi...1P

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Dclgr. in Bogen-mass	Ref.	Faden-neigung	Red.
161	11	12 ^h 40 ^m 4 ^s .57	9° 40' 13".4	14 ^h 22 ^m 1 ^s .00	2	+ 9 ^s .49	0 ^s .03		41 ^s .67	11 ^m .82	u	4' 1 ^s .3	0 ^s .3	-0 ^s .1	4' 24 ^s .1
162	13	39 52.47	32 44.4	7.98	4	- 9.67	10		41.66	7.50	i	11 29.7	0.8	0.0	24.1
163	10.5	40 4.68	35 59.1	10.55	3	0.00	7		41.66	11.14	o	8 15.2	0.6	0.0	24.1
164	11	20.06	34 15.4	16.40	2	+ 9.52	8		41.66	16.22	o	9 58.9	0.7	0.0	24.0
165	11	34.32	39 33.9	21.95	1	+ 18.28	4		41.67	13.77	u	4 41.1	0.3	-0.3	24.0
166	10.5	29.92	38 31.8	26.33	2	+ 9.49	5		41.67	16.80	u	5 42.9	0.4	-0.1	24.0
167	11	26.31	39 13.5	32.22	3	0.00	4		41.67	14.75	u	5 1.1	0.4	0.0	24.0
168	9	50.54	36 53.2	38.12	1	+ 18.32	6		41.68	8.50	o	7 21.3	0.5	+0.1	23.9
169	12	46.68	29 6.1	52.50	3	0.00	13		41.67	18.19	i	15 7.9	1.1	0.0	23.9
170*	8	41 1.45	34 1.1	57.80	2	+ 9.52	9		41.68	16.93	o	10 13.4	0.7	0.0	23.8
171	9	8.28	31 20.9	23 4.57	2	+ 9.55	11		41.67	11.60	i	12 53.4	0.9	0.0	23.8
172	10	13.88	28 19.7	10.12	2	+ 9.58	13		41.67	7.25	e	15 54.6	1.1	-0.2	23.8
173	10	40 51.63	42 44.9	15.68	5	- 18.10	1		41.68	4.40	u	1 29.8	0.1	+0.3	23.9
174	13	41 5.72	41 36.1	21.36	4	- 9.70	2		41.68	7.78	u	2 38.8	0.2	+0.1	23.8
175	12	27.64	37 43.7	24.03	2	+ 9.52	6		41.69	6.04	o	6 31.1	0.5	0.0	23.7
176	13	31.48	38 16.4	27.88	2	+ 9.52	5		41.69	4.44	o	5 58.4	0.4	0.0	23.8
177	12	49.69	41 23.5	37.37	1	+ 18.28	2		41.70	8.42	u	2 51.9	0.2	-0.3	23.7
178	12	49.15	32 38.4	45.47	2	+ 9.55	10		41.69	7.82	i	11 36.2	0.8	0.0	23.6
179*	9	34.51	21 23.4	49.90	4	- 9.63	19		41.67	14.45	a	22 50.3	1.6	+0.1	23.6
180	13	57.97	34 2.3	54.33	2	+ 9.52	9		41.69	16.88	o	10 12.4	0.7	0.0	23.6
181	13	42 5.64	35 34.9	24 2.02	2	+ 9.52	7		41.69	12.35	o	8 39.9	0.6	0.0	23.6
182	13	6.26	38 37.3	2.70	2	+ 9.49	5		41.70	16.55	u	5 37.8	0.4	-0.1	23.6
183	11	29.77	23 24.6	17.13	1	+ 18.43	18		41.69	8.55	a	20 49.8	1.5	-0.3	23.4
184	13	34.75	36 9.3	31.14	2	+ 9.52	7		41.70	10.67	o	8 5.6	0.6	0.0	23.5
185	11.5	43.21	30 52.7	39.52	2	+ 9.55	11		41.69	13.00	i	13 22.0	0.9	0.0	23.4
186	10	12 42 53.39	9 32 52.5	14 24 40.93	1	+ 18.35	0.10		41.71	7.14	i	11 22.3	0.8	0.0	4 23.4

- | | | | |
|----|-------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------|
| 22 | A. G.; Münch. I. 8063; Münch. II. 4436. | 83 | A. G.; Münch. I. 8258; Radcl. III. 3272; |
| 28 | A. G.; Weisse 330; Münch. I. 8089; Sa. 274; Gött. II. 3180;
4 Wien. M.-B.; Radcl. III. 3235. | 141 | A. G.; |
| | | 145 | A. G.; Münch. I. 8426. |
| 71 | A. G.; Weisse 428; Münch. I. 8204; Kam. 2299;
A. N. 77. 367. | 170 | A. G.; Münch. I. 8482. |
| | | 179 | A. G.; Weisse 684; Münch. I. 8494; Münch. II. 4610. |

Zone 58 a: 1888, Juni 3.

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Dclgr. in Bogen-mass	Ref.	Faden-neigung	Red.
1*	9	12 ^h 16 ^m 13 ^s .72	9° 41' 45".5	15 ^h 7 ^m 57 ^s .65	3	0 ^s .00	0 ^s .27		41 ^s .04	6 ^m .78	a	20' 13 ^s .7	2 ^s .1	0 ^s .0	4' 27 ^s .6
2	10	42.09	54 57.6	8 7.88	1	+ 18.34	9		41.06	7.60	o	7 2.9	0.7	+0.1	27.6
3	11	39.18	59 14.7	13.86	2	+ 9.50	4		41.06	8.15	u	2 46.4	0.3	-0.1	27.6
4	10.5	17 8.31	53 31.9	34.09	1	+ 18.34	11		41.07	11.79	o	8 28.5	0.9	+0.1	27.5
5	10.5	1.21	46 46.6	45.24	3	0.00	19		41.06	5.22	e	15 13.2	1.6	0.0	27.5
6	10.5	24.25	52 6.0	49.98	1	+ 18.37	13		41.07	2.83	i	9 54.4	1.0	0.0	27.5
7	11.5	27.51	58 33.9	9 2.20	2	+ 9.50	4		41.07	10.15	u	3 27.2	0.4	-0.1	27.5
8*	8	54.62	47 1.5	20.26	1	+ 18.41	19		41.08	4.51	e	14 58.7	1.6	-0.3	27.4
		54.97	2.3	29.43	2	+ 9.59	19			4.47	e	14 57.8	1.6	-0.2	
9	11	18 54.33	52 58.2	10 20.14	1	+ 18.34	11		41.10	13.45	o	9 2.4	0.9	+0.1	27.3
10	12	19 2.89	54 50.6	28.72	1	+ 18.34	9		41.10	7.95	o	7 10.1	0.8	+0.1	27.3
11	9	19.77	48 28.1	45.50	1	+ 18.37	17		41.11	13.50	i	13 32.2	1.4	0.0	27.2
12	12	20 9.24	47 33.8	11 34.97	1	+ 18.37	18		41.12	16.16	i	14 26.5	1.5	0.0	27.1
13	12	12 20 23.22	9 47 26.5	15 11 48.95	1	+ 18.37	0.18		41.12	16.52	i	14 33.8	1.5	0.0	4 27.1

ZONEN-BEOBACHTUNGEN.

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Refr. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Dclgr. in Bogen-mass	Refr.	Faden-neigung	Red.
14*	9.5	12 ^h 20 ^m 26 ^s .40	9° 39' 37".5	15 ^h 12 ^m 0 ^s .77	2	+ 9 ^s .62	0 ^s .29		41 ^s .12	13 ^r .08	a	22' 22" 3	2 ^r .3	-0 ^r .2	4' 27".0
15	10	36.40	43 35.8	20.45	3	0.00	24		41.13	14.58	e	18 24.2	1.9	0.0	27.0
16	10	47.03	46 19.6	31.12	3	0.00	20		41.13	6.57	e	15 40.7	1.6	0.0	27.0
17	10	55.61	50 52.6	39.77	3	0.00	14		41.14	6.44	i	11 8.1	1.2	0.0	27.0
18	10.5	56.10	54 53.0	50.00	4	- 9.69	9		41.14	7.86	o	7 8.2	0.7	0.0	27.0
19	11	21 40.90	59 6.7	13 15.68	2	+ 9.50	4		41.16	8.58	u	2 55.1	0.3	-0.1	26.9
20	12	22 15.64	40 37.5	41.23	1	+18.45	28		41.16	10.16	a	21 22.7	2.2	-0.3	26.8
21	10	27.52	58 22.9	14 11.80	3	0.00	5		41.17	10.72	u	3 38.8	0.4	0.0	26.8
22	10	59.47	51 43.2	43.68	3	0.00	13		41.18	17.15	o	10 17.9	1.1	0.0	26.7
23*	9	12 23 2.96	9 56 54.5	15 14 47.24	3	0.00	0.06		41.18	15.05	u	5 7.2	0.5	0.0	4 26.7

1 A. G. 14 A. G.; Münch. I. 8063; Münch. II. 4436.
 8 A. G.; Ll. 23208; Piazzì 69; Weisse 265; Tayl. 5689; Münch. I. 8005; Gött. II. 3167; Quet. 5071; Sj. 4467; Cord. G. C. 16906. 23 A. G.

Zone 58 b: 1888, Juni 3.

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Refr. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Dclgr. in Bogen-mass	Refr.	Faden-neigung	Red.
1*	9	12 ^h 23 ^m 2 ^s .87	9° 56' 57".0	15 ^h 19 ^m 29 ^s .52	3	0 ^s .00	0 ^s .07		41 ^s .18	15 ^r .15	u	5' 9" 3	0 ^r .6	0 ^r .0	4' 26".7
2	10	22 59.15	51 34.6	43.88	5	-18.15	14		41.18	17.80	o	10 31.2	1.2	-0.1	26.7
3	12	23 27.25	43 11.3	20 3.38	4	- 9.66	25		41.18	16.01	e	18 53.4	2.1	+0.2	26.6
4	11	45.86	40 37.5	12.30	3	0.00	28		41.18	10.38	a	21 27.2	2.4	0.0	26.5
5	10	53.33	47 31.6	19.87	3	0.00	19		41.19	3.29	e	14 33.8	1.6	0.0	26.6
6	10.5	53.76	44 21.3	29.92	4	- 9.66	23		41.19	12.59	e	17 43.6	2.0	+0.2	26.5
7	10	24 10.29	59 58.6	37.00	3	0.00	3		41.20	6.28	u	2 8.2	0.2	0.0	26.6
8	12	2.87	45 34.5	47.60	5	-18.22	22		41.19	9.01	e	16 30.5	1.8	+0.3	26.5
9	11	55.05	54 5.1	21 3.35	1	+18.34	11		41.21	10.45	o	8 1.1	0.9	+0.1	26.4
10	9	25 11.48	45 36.6	19.60	1	+18.41	22		41.21	8.94	e	16 29.1	1.8	-0.3	26.4
11	12.5	22.01	9 42 40.3	30.06	1	+18.45	26		41.22	4.40	a	19 25.1	2.2	-0.3	26.3
12	10	2.91	10 0 48.6	39.36	4	- 9.71	2		41.22	3.84	u	1 18.4	0.1	+0.1	26.4
13	12	43.62	9 44 61.7	51.74	1	+18.41	23		41.22	10.65	e	17 4.0	1.9	-0.3	26.3
		43.21	56.9	22 19.40	4	- 9.66	23			10.86	e	17 8.3	1.9	+0.2	
14	10	45.14	10 1 3.3	11.90	3	0.00	1		41.23	3.13	u	1 3.9	0.1	0.0	26.3
15	11	26 21.99	9 48 25.8	30.22	1	+18.37	18		41.24	13.89	i	13 40.1	1.5	0.0	26.2
		22.32	25.2	58.60	4	- 9.68	18			13.92	i	13 40.7	1.5	0.0	
16	11.5	39.33	42 57.6	47.45	1	+18.41	25		41.24	16.73	e	19 8.1	2.1	-0.3	26.1
17	11	57.57	9 45 30.6	23 5.73	1	+18.41	22		41.25	9.25	e	16 35.4	1.8	-0.3	26.1
18	10.5	52.41	10 0 23.2	19.18	3	0.00	2		41.25	5.10	u	1 44.1	0.2	0.0	26.1
19	11	27 4.89	9 53 18.4	22.03	2	+ 9.53	12		41.25	12.75	o	8 48.1	1.0	0.0	26.1
20	13	25.50	44 45.7	33.65	1	+18.41	23		41.25	11.45	e	17 20.3	1.9	-0.3	26.0
21	12	25.22	57 20.1	42.46	2	+ 9.50	6		41.26	14.06	u	4 47.0	0.5	-0.1	26.1
22	12	35.26	41 4.5	52.15	2	+ 9.62	28		41.25	9.10	a	21 1.1	2.3	-0.2	25.9
23*	9.5	28 3.15	41 19.1	24 11.23	1	+18.45	27		41.26	8.39	a	20 46.6	2.3	-0.3	25.9
24	11.5	6.60	39 18.2	23.48	2	+ 9.62	30		41.26	14.30	a	22 47.2	2.5	-0.2	25.9
25	11	16.17	42 27.9	33.10	2	+ 9.62	26		41.27	5.02	a	19 37.8	2.2	-0.2	25.9
26	11	31.59	47 14.3	39.80	1	+18.41	20		41.28	4.19	e	14 52.1	1.7	-0.3	25.8
		31.56	16.9	58.18	3	0.00	20			17.28	i	14 49.3	1.6	0.0	
27	10	35.54	58 53.7	44.02	1	+18.30	4		41.28	9.50	u	3 13.9	0.4	-0.3	25.9
28	12	12 28 30.74	9 52 58.4	15 24 57.44	3	0.00	0.12		41.28	13.74	o	9 8.3	1.0	0.0	4 25.9

1902ANSWi...16...1P

Nr.	Größe	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Dclgr. in Bogen-mass	Ref.	Faden-neigung	Red.
29*	9	12 ^h 28 ^m 52 ^s .73	9°55'22".5	15 ^h 25 ^m 9 ^s .94	2	+ 9 ^s .53	0 ^s .09	+	41 ^s .29	6 ^s .70	o	6'44".6	0 ^s .7	0 ^s .0	4'25".8
30	11	57.33	43 47.0	14.31	2	+ 9.59	24	0 ^s .01	41.28	14.33	e	18 19.1	2.0	-0.2	25.7
31	12	29 8.44	44 21.7	25.43	2	+ 9.59	24	1	41.29	12.63	e	17 44.4	2.0	-0.2	25.7
32	11.5	28.41	40 59.8	36.50	1	+18.45	28	1	41.29	9.35	a	21 6.2	2.3	-0.3	25.6
33*	9	40.10	41 44.4	48.20	1	+18.45	27	1	41.29	7.17	a	20 21.6	2.3	-0.3	25.6
		40.26	46.5	57.19	2	+ 9.62	27	1		7.06	a	20 19.4	2.3	-0.2	
34	11.5	35.52	54 31.0	26 20.40	5	-18.15	10	1	41.30	9.23	o	7 36.2	0.8	-0.1	25.7
35	10	30 31.15	53 18.9	39.54	1	+18.34	12	1	41.32	12.75	o	8 48.1	1.0	+0.1	25.5
36	10	46.90	56 13.3	55.38	1	+18.30	8	1	41.33	17.36	u	5 54.4	0.7	-0.3	25.5
37	10.5	31 2.89	44 49.5	27 11.10	1	+18.41	23	1	41.32	11.29	e	17 17.1	1.9	-0.3	25.4
38	12	15.41	44 46.0	23.63	1	+18.41	23	1	41.33	11.47	e	17 20.7	1.9	-0.3	25.3
39	11	14.86	39 27.2	31.79	2	+ 9.62	30	1	41.32	13.89	a	22 38.8	2.5	-0.2	25.3
40	11	32.80	45 18.0	41.03	1	+18.41	22	1	41.33	9.90	e	16 48.7	1.9	-0.3	25.3
41	12	33.61	9 56 5.0	50.90	2	+ 9.50	8	1	41.34	17.77	u	6 2.7	0.7	-0.1	25.3
42	12	45.66	10 0 47.6	28 12.52	3	0.00	2	1	41.35	3.95	u	1 20.6	0.1	0.0	25.3
43	9	32 0.39	9 51 25.5	27.13	3	0.00	14	1	41.35	5.15	i	10 41.7	1.2	0.0	25.2
44	12	3.05	50 34.1	29.78	3	0.00	15	1	41.35	7.66	i	11 33.0	1.3	0.0	25.2
45	12	0.02	49 0.0	36.40	4	- 9.68	17	1	41.34	12.26	i	13 6.9	1.5	0.0	25.2
46	10	43.60	59 1.7	52.16	1	+18.30	4	1	41.37	9.15	u	3 6.8	0.3	-0.3	25.1
47	12	47.92	46 4.0	29 14.60	3	0.00	21	1	41.36	7.65	e	16 2.8	1.8	0.0	25.0
48	12	33 4.50	40 0.9	21.48	2	+ 9.62	29	1	41.36	12.25	a	22 5.4	2.5	-0.2	25.0
49	9.5	18.25	48 27.3	26.60	1	+18.37	18	1	41.37	13.88	i	13 39.9	1.5	0.0	24.9
50	9.5	34 26.83	42 3.3	30 35.02	1	+18.45	27	1	41.38	6.29	a	20 3.7	2.2	-0.3	24.7
51	10	30.70	45 15.9	47.80	2	+ 9.59	22	1	41.38	10.03	e	16 51.3	1.9	-0.2	24.7
52	12	13.90	39 22.2	58.77	5	-18.26	30	1	41.38	14.14	a	22 43.9	2.5	+0.3	24.7
53	12	44.80	58 29.6	32 2.20	2	+ 9.50	5	1	41.42	10.74	u	3 39.2	0.4	-0.1	24.5
54	10	36 0.13	54 25.0	8.64	1	+18.34	10	1	41.42	9.57	o	7 43.2	0.9	+0.1	24.4
55	12	35 52.95	58 33.2	10.35	2	+ 9.50	5	1	41.42	10.56	u	3 35.6	0.4	-0.1	24.5
56	9	36 21.58	45 29.5	29.90	1	+18.41	22	1	41.42	9.39	e	16 38.3	1.8	-0.3	24.3
57	12	20.70	39 21.4	47.34	3	0.00	30	1	41.41	14.21	a	22 45.4	2.5	0.0	24.3
58	13	45.39	40 20.3	53.60	1	+18.45	29	1	41.42	11.35	a	21 47.0	2.4	-0.3	24.2
59	13	48.53	43 13.3	33 5.65	2	+ 9.59	25	1	41.43	16.05	e	18 54.2	2.1	-0.2	24.2
60	12	37 6.08	56 50.7	14.69	1	+18.30	7	1	41.45	15.60	u	5 18.4	0.6	-0.3	24.2
61	11	14.46	50 7.7	22.90	1	+18.37	16	1	41.44	9.01	i	12 0.5	1.3	0.0	24.1
62	10	22.19	53 37.0	30.72	1	+18.34	11	1	41.45	11.94	o	8 31.5	0.9	+0.1	24.1
63	13	42.59	41 15.7	50.83	1	+18.45	28	1	41.44	8.65	a	20 51.9	2.3	-0.3	24.0
64	9	46.26	44 23.5	54.60	1	+18.41	23	1	41.45	12.63	e	17 44.4	2.0	-0.3	24.0
65	9	53.54	59 42.2	34 2.20	1	+18.30	3	1	41.46	7.22	u	2 27.4	0.3	-0.3	24.0
66	8	47.22	46 48.8	14.00	3	0.00	20	1	41.45	5.51	e	15 19.1	1.7	0.0	24.0
67	9	38 11.61	41 39.1	19.87	1	+18.45	27	1	41.45	7.51	a	20 28.6	2.3	-0.3	23.9
68	12	37 58.11	47 52.0	24.90	3	0.00	19	1	41.45	15.65	i	14 16.1	1.6	0.0	23.9
69	12.5	38 26.12	40 58.3	43.21	2	+ 9.62	28	1	41.46	9.51	a	21 9.4	2.3	-0.2	23.8
70	11	49.24	44 35.6	57.60	1	+18.41	23	1	41.47	12.05	e	17 32.6	1.9	-0.3	23.8
71	11	50.29	45 13.2	58.65	1	+18.41	22	2	41.47	10.21	e	16 55.0	1.9	-0.3	23.8
72	11	57.31	45 31.1	35 5.68	1	+18.41	22	1	41.47	9.34	e	16 37.3	1.8	-0.3	23.7
73	10	39 1.04	40 7.3	9.30	1	+18.45	29	1	41.47	12.01	a	22 0.5	2.4	-0.3	23.7
74	12	24.93	47 31.3	33.38	1	+18.37	19	1	41.48	16.68	i	14 37.1	1.6	0.0	23.6
75	12	25.52	48 5.0	33.97	1	+18.37	19	1	41.48	15.03	i	14 3.4	1.6	0.0	23.6
76	12	41.40	50 49.2	49.90	1	+18.37	15	1	41.49	7.00	i	11 19.5	1.3	0.0	23.6
		42.06	48.2	36 18.60	4	- 9.68	15	2		7.05	i	11 20.5	1.3	0.0	
77	13	44.60	59 38.9	2.10	2	+ 9.50	3	1	41.50	7.39	u	2 30.9	0.3	-0.1	23.6
78	10	54.56	59 17.5	3.25	1	+18.30	4	1	41.50	8.45	u	2 52.5	0.3	-0.3	23.6
79	11	40 5.11	40 12.1	22.20	2	+ 9.62	29	2	41.48	11.78	a	21 55.8	2.4	-0.2	23.5
80	11	12 40 26.73	9 39 14.4	15 36 53.44	3	0.00	0.30	0.02	41.49	14.60	a	22 53.3	2.5	0.0	4 23.4

ZONEN BEOBACHTUNGEN.

Nr.	Größe	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Dclgr. in Bogen-mass	Ref.	Faden-neigung	Red.
81	11	12 ^h 40 ^m 34. ^s 72	9° 39' 35".5	15 ^h 37 ^m 1. ^s 43	3	0. ^s 00	0. ^s 30	0. ^s 02	41. ^s 49	13. ^s 57	a	22' 32".3	2. ^s 5	0".0	4' 23".3
82	10	51.78	42 45.7	8.95	2	+ 9.59	26	2	41.50	17.45	e	19 22.8	2.0	-0.2	23.3
83	11	44.88	52 32.0	11.78	3	0.00	13	2	41.51	15.15	o	9 37.1	1.1	0.0	23.4
84	11	42.89	48 54.1	19.42	4	- 9.68	18	2	41.51	12.64	i	13 14.6	1.5	0.0	23.4
85	13	41 5.80	41 34.8	22.93	2	+ 9.62	27	2	41.50	7.75	a	20 33.5	2.3	-0.2	23.2
86	13	12.45	50 11.8	39.33	3	0.00	16	2	41.52	8.85	i	11 57.3	1.3	0.0	23.2
87	12	32.62	55 15.4	50.05	2	+ 9.53	9	2	41.53	7.17	o	6 54.2	0.8	0.0	23.2
		32.39	16.8	38 17.50	5	-18.15	9	2		7.11	o	6 52.9	0.8	-0.1	
88	12	50.38	41 23.5	37 58.70	1	+18.45	27	2	41.52	8.32	a	20 45.1	2.3	-0.3	23.0
89	12.5	42 15.20	44 21.0	38 23.60	1	+18.41	24	2	41.53	12.80	e	17 47.9	2.0	-0.3	23.0
90	10	56.71	50 45.9	39 5.26	1	+18.37	15	2	41.55	7.20	i	11 23.6	1.3	0.0	22.8
91	12	43 11.97	48 41.3	20.49	1	+18.37	18	2	41.55	13.30	i	13 28.1	1.5	0.0	22.7
92	12	15.66	55 29.8	33.12	2	+ 9.53	9	2	41.56	6.49	o	6 40.3	0.7	0.0	22.8
93	12	28.42	57 36.1	45.95	2	+ 9.50	6	2	41.57	13.44	u	4 34.4	0.5	-0.1	22.7
94	12	33.35	58 1.9	50.89	2	+ 9.50	5	2	41.57	12.18	u	4 8.6	0.5	-0.1	22.7
95*	8.5	12 44 4.07	9 53 24.8	15 40 12.70	1	+18.34	0.12	0.02	41.57	12.61	o	8 45.2	1.0	+0.1	4 22.5

1 | A. G.
23 | Madr. 1867, 1869, 1873
29 | A. G.

33 | A. G.; wie Nr. 83 von Zone 57.
95 | A. G.; Münch. I. 8548; Münch. II. 4629.

Zone 59: 1890, April 27.

Nr.	Größe	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Ref. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Dclgr. in Bogen-mass	Ref.	Faden-neigung	Red.
1	11	12 ^h 18 ^m 57. ^s 78	10° 7' 32".5	11 ^h 25 ^m 26. ^s 55	1	+18. ^s 35	0. ^s 43		47. ^s 34	17. ^s 52	o	10' 25".4	0.7	-2".3	5' 7".2
2	11.5	19 13.33	10 11 21.6	42.30	1	+18.31	27		47.34	19.45	u	6 37.0	0.4	-2.7	7.2
3	11	19.33	10 7 23.5	48.10	1	+18.35	43		47.34	17.96	o	10 34.4	0.7	-2.3	7.2
4	11.5	27.86	10 8 48.2	56.70	1	+18.35	37		47.35	13.82	o	9 9.9	0.6	-2.3	7.1
5	11	38.51	10 10 8.5	26 7.40	1	+18.35	32		47.35	9.89	o	7 49.7	0.5	-2.3	7.1
6*	9	39.47	10 7 40.7	17.05	2	+ 9.56	42		47.35	3.90	i	10 16.2	0.7	-1.2	7.1
7	13	52.04	10 12 18.8	29.85	2	+ 9.53	23		47.36	3.46	o	5 38.4	0.4	-1.2	7.1
8	12	20 5.48	10 13 2.0	34.50	1	+18.35	20		47.36	1.40	o	4 56.4	0.3	-2.3	7.1
9	12	1.87	10 12 43.4	39.70	2	+ 9.53	21		47.36	2.26	o	5 13.9	0.3	-1.2	7.1
10	12	14.11	10 13 3.2	51.95	2	+ 9.53	20		47.36	1.29	o	4 54.1	0.3	-1.2	7.1
11	13	31.06	9 56 58.4	27 8.15	2	+ 9.62	86		47.36	8.96	a	20 58.2	1.3	-1.4	7.0
12	10	37.71	10 7 27.5	15.30	2	+ 9.56	43		47.37	4.55	i	10 29.5	0.7	-1.2	7.0
13	9	21 4.70	10 3 26.9	33.30	1	+18.39	59		47.37	16.39	i	14 31.2	0.9	-2.4	6.9
14	11	40.80	9 59 6.4	28 9.20	1	+18.42	77		47.38	15.93	e	18 51.8	1.2	-2.7	6.8
15	12	37.25	10 4 56.7	14.75	2	+ 9.56	53		47.38	11.94	i	13 0.3	0.8	-1.2	6.9
16	12	56.67	10 12 44.6	25.75	1	+18.31	21		47.39	15.40	u	5 14.4	0.3	-2.7	6.9
17	12	58.10	10 7 48.2	35.75	2	+ 9.53	42		47.39	16.72	o	10 9.1	0.6	-1.2	6.8
18	10	22 10.07	10 11 17.7	39.10	1	+18.31	27		47.40	19.66	u	6 41.3	0.4	-2.7	6.8
19	10	27.42	9 58 20.1	55.80	1	+18.42	80		47.39	18.20	e	19 38.1	1.2	-2.7	6.8
20	11	35.15	10 9 36.2	29 4.07	1	+18.35	34		47.40	11.49	o	8 22.3	0.5	-2.3	6.8
21	11	59.35	10 4 7.8	28.00	1	+18.39	57		47.40	14.40	i	13 50.5	0.9	-2.4	6.7
22*	9	23 3.01	9 56 54.1	31.30	1	+18.46	86		47.40	9.25	a	21 4.1	1.3	-2.7	6.7
23	9	12.69	10 2 51.2	50.10	2	+ 9.59	62		47.41	4.87	e	15 6.0	1.0	-1.4	6.7
24	12	14.59	10 6 23.3	30 1.74	3	0.00	47		47.41	7.65	i	11 32.8	0.7	0.0	6.7
25	12	21.83	10 1 28.1	8.78	3	0.00	67		47.41	8.87	e	16 27.7	1.0	0.0	6.7
26	12	12 23 23.39	10 8 46.5	11 30 20.34	4	- 9.70	0.37		47.41	13.75	o	9 8.5	0.6	+1.2	5 6.7

1902ANSWi...18...LP

Nr.	Grüsse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Refr. und Fadeneig.	Uhr-gang	Red.	Declino-graph	Faden in Bogen-mass	Delgr. Refr.	Faden-neigung	Red.	
27	11	12 ^h 24 ^m 2 ^s .31	-10° 9' 25".7	11 ^h 30 ^m 31 ^s .25	1	+18.35	0.35		47.43	12.01	o	8' 33".0	0.5	-2".3	5' 6".6
28	10	10.73	9 59 59.7	39.20	1	+18.42	74		47.42	13.34	e	17 58.9	1.1	-2.7	6.5
29	12	30.13	10 3 41.6	58.80	1	+18.39	58		47.43	15.69	i	14 16.9	0.9	-2.4	6.5
30	10	25 3.42	10 0 50.6	31 31.95	1	+18.42	70		47.44	10.85	e	17 8.1	1.1	-2.7	6.4
31	11.5	2.99	10 12 3.8	40.90	2	+ 9.50	24		47.44	17.35	u	5 54.2	0.4	-1.3	6.4
32	10	45.61	10 1 5.0	32 14.16	1	+18.42	69		47.45	10.15	e	16 53.8	1.1	-2.7	6.3
33	12	48.52	10 6 6.6	17.30	1	+18.39	49		47.45	8.60	i	11 52.2	0.8	-2.4	6.3
		48.65	0.0	45.50	4	- 9.68	49			8.75	i	11 55.2	0.8	+1.2	
34	11	53.87	10 15 12.7	23.12	1	+18.31	11		47.46	8.18	u	2 47.0	0.2	-2.7	6.3
35	10.5	26 7.67	10 4 34.8	36.40	1	+18.39	55		47.46	13.10	i	13 24.0	0.8	-2.4	6.3
36	12	13.68	10 5 29.9	42.45	1	+18.39	51		47.46	10.40	i	12 28.9	0.8	-2.4	6.3
37	10	49.47	10 12 51.3	33 18.64	1	+18.31	21		47.48	15.11	u	5 8.4	0.3	-2.7	6.2
38	10.5	52.65	10 0 18.6	30.02	2	+ 9.59	72		47.47	12.37	e	17 39.1	1.1	-1.4	6.1
39	13	58.01	9 57 30.1	35.23	2	+ 9.62	84		47.47	7.45	a	20 27.4	1.3	-1.4	6.1
40*	8	27 50.53	10 11 36.9	34 19.62	1	+18.35	26		47.49	5.62	o	6 22.5	0.4	-2.3	6.0
41	10.5	50.24	10 15 32.6	28.35	2	+ 9.50	10		47.50	7.15	u	2 26.0	0.2	-1.3	6.0
42	12	28 11.56	10 13 3.5	49.57	2	+ 9.50	20		47.50	14.45	u	4 55.0	0.3	-1.3	6.0
43	10	35.77	9 58 53.4	35 4.28	1	+18.42	78		47.50	16.61	e	19 5.7	1.2	-2.7	5.9
44	11.5	37.24	10 3 39.0	14.80	2	+ 9.56	59		47.50	15.79	i	14 18.9	0.9	-1.2	5.9
45	10	41.91	10 12 14.5	19.90	2	+ 9.50	23		47.51	16.85	u	5 44.0	0.4	-1.3	5.9
46	10.5	36.13	10 6 50.9	33.10	4	- 9.70	45		47.51	19.45	o	11 4.8	0.7	+1.2	5.9
47	9	51.12	10 11 1.5	38.56	3	0.00	28		47.51	20.37	u	6 55.8	0.4	0.0	5.8
48*	9	52.75	9 55 33.5	49.20	4	- 9.65	91		47.50	13.04	a	22 21.5	1.4	+1.3	5.8
49	10	29 20.05	10 4 54.1	36 7.25	3	0.00	53		47.52	12.06	i	13 2.8	0.8	0.0	5.8
50	12	29.19	10 4 0.0	16.35	3	0.00	57		47.52	14.71	i	13 56.9	0.9	0.0	5.7
51	11	48.32	10 7 54.8	35.65	3	0.00	41		47.53	16.39	o	10 2.4	0.6	0.0	5.7
52	11	30 1.44	10 4 1.3	39.05	2	+ 9.56	57		47.53	14.71	i	13 56.9	0.9	-1.2	5.6
53	12	29 52.60	10 0 31.1	57.85	5	-18.23	71		47.52	11.58	e	17 23.0	1.1	+2.7	5.6
54	10	30 45.95	9 56 23.3	37 14.35	1	+18.46	88		47.53	10.81	a	21 36.0	1.4	-2.7	5.5
55	13	59.45	10 15 28.4	28.80	1	+18.31	10		47.55	7.45	u	2 32.1	0.2	-2.7	5.5
56	12	31 0.68	10 14 33.3	38.80	2	+ 9.50	14		47.55	10.08	u	3 25.8	0.2	-1.3	5.5
57	13	29.77	10 6 58.1	58.70	1	+18.39	45		47.56	6.13	i	11 1.7	0.7	-2.4	5.4
58	12	30.99	10 10 27.6	38 0.10	1	+18.35	31		47.56	9.04	o	7 32.3	0.5	-2.3	5.4
59	12	33.55	9 56 6.9	10.80	2	+ 9.62	89		47.55	11.56	a	21 51.3	1.4	-1.4	5.3
60	12	45.43	10 0 44.3	22.90	2	+ 9.59	71		47.56	11.15	e	17 14.2	1.1	-1.4	5.3
61	10	32 5.85	10 15 10.3	35.20	1	+18.31	12		47.57	8.35	u	2 50.4	0.2	-2.7	5.3
62	9	16.07	10 6 51.5	45.00	1	+18.39	46		47.57	6.46	i	11 8.5	0.7	-2.4	5.2
63	10	32.90	10 4 50.4	39 1.75	1	+18.39	54		47.57	12.39	i	13 9.5	0.8	-2.4	5.2
64	11	36.36	10 4 29.6	5.20	1	+18.39	55		47.57	13.41	i	13 30.3	0.9	-2.4	5.1
65	10	43.52	9 58 57.9	12.10	1	+18.42	78		47.57	16.43	e	19 2.0	1.2	-2.7	5.1
66	13	58.19	10 0 36.4	26.85	1	+18.42	71		47.58	11.61	e	17 23.6	1.1	-2.7	5.1
67*	8	33 11.05	10 8 20.5	40.10	1	+18.35	40		47.59	15.28	o	9 39.7	0.6	-2.3	5.0
68	13	13.05	10 10 45.3	42.20	1	+18.35	30		47.59	8.19	o	7 15.0	0.5	-2.3	5.0
69	12	21.88	10 3 1.6	50.65	1	+18.42	61		47.59	4.51	e	14 58.7	0.9	-2.7	5.0
70	12	24.97	10 5 37.1	40 2.70	2	+ 9.56	51		47.59	10.05	i	12 21.8	0.8	-1.2	5.0
71	12	27.45	10 4 51.2	5.15	2	+ 9.56	54		47.59	12.30	i	13 7.7	0.8	-1.2	5.0
72	11	34 0.68	10 9 36.6	29.80	1	+18.35	34		47.60	11.56	o	8 23.8	0.5	-2.3	4.9
73	12	2.64	10 0 11.4	31.30	1	+18.42	73		47.60	12.85	e	17 48.9	1.1	-2.7	4.8
74	11	8.82	10 3 26.6	37.64	1	+18.39	60		47.60	16.51	i	14 33.6	0.9	-2.4	4.8
75	9	22.31	10 12 41.6	51.60	1	+18.31	22		47.61	15.65	u	5 19.5	0.3	-2.7	4.8
76	12	33.44	10 1 40.9	41 11.00	2	+ 9.59	67		47.61	8.41	e	16 18.3	1.0	-1.4	4.7
77	12	49.97	10 0 55.3	27.50	2	+ 9.59	70		47.61	10.64	e	17 3.8	1.1	-1.4	4.7
78	9	35 14.21	10 5 13.6	43.13	1	+18.39	52		47.62	11.28	i	12 46.9	0.8	-2.4	4.6
79	12	16.15	10 15 44.4	54.40	2	+ 9.50	9		47.63	6.65	u	2 15.7	0.1	-1.3	4.6
80	12	12 35 28.90	-10 13 4.3	11 41 58.20	1	+18.35	0.20		47.64	1.41	o	4 56.6	0.3	-2.3	5 4.6

ZONEN-BEOBACHTUNGEN.

Nr.	Grösse	α 1875.0	δ 1875.0	Uhrzeit	Faden	Faden-Interv.	Refr. und Fadenneig.	Uhr-gang	Red.	Declino-graph	Faden	Delgr. in Bogen-mass	Refr.	Faden-neigung	Red.
81	11	12 ^h 35 ^m 40 ^s 57	-10° 2' 24".7	11 ^h 42 ^m 9 ^s 35	1	+18.42	0.64		47.63	6.34	e	15' 36".0	1.0	-2".7	5' 4".5
82	12	45.12	9 58 22.7	13.70	1	+18.46	80		47.63	5.02	a	19 37.8	1.2	-2.7	4.5
83	12	52.27	9 58 34.2	20.85	1	+18.46	80		47.63	4.46	a	19 26.3	1.2	-2.7	4.5
84	11	36 16.25	10 4 25.2	45.15	1	+18.39	56		47.64	13.66	i	13 35.4	0.9	-2.4	4.4
85	11	21.40	10 1 26.9	50.15	1	+18.42	68		47.64	9.18	e	16 34.0	1.0	-2.7	4.3
86	11	25.26	10 4 56.7	54.20	1	+18.39	53		47.65	12.12	i	13 4.0	0.8	-2.4	4.4
87	9	38.27	10 14 52.9	43 7.70	1	+18.31	13		47.66	9.25	u	3 8.8	0.2	-2.7	4.3
88	9	50.84	10 12 2.3	20.12	1	+18.35	24		47.66	4.46	o	5 58.8	0.4	-2.3	4.3
89	9	48.17	10 9 9.1	26.15	2	+9.53	36		47.66	12.88	o	8 50.7	0.6	-1.2	4.3
90	12	37 0.44	10 8 37.1	38.40	2	+9.53	38		47.66	14.45	o	9 22.8	0.6	-1.2	4.2
91	12	6.82	9 56 53.2	44.20	2	+9.62	86		47.65	9.35	a	21 6.2	1.3	-1.4	4.2
92	11	23.81	10 8 30.4	52.95	1	+18.35	39		47.67	14.84	o	9 30.7	0.6	-2.3	4.1
93	11.5	23.97	10 7 42.4	44 1.90	2	+9.53	42		47.67	17.13	o	10 17.5	0.7	-1.2	4.1
94	11	25.83	10 11 43.7	3.95	2	+9.50	26		47.67	18.45	u	6 16.6	0.4	-1.3	4.1
95	11	33.86	10 11 47.8	12.00	2	+9.50	25		47.68	18.25	u	6 12.5	0.4	-1.3	4.1
96	11.5	37.31	10 2 9.3	14.95	2	+9.59	65		47.67	7.05	e	15 50.5	1.0	-1.4	4.1
97	9	53.74	9 59 44.3	22.45	1	+18.42	75		47.67	14.21	e	18 16.7	1.2	-2.7	4.0
98	11	38 5.38	10 5 0.6	34.35	1	+18.39	53		47.68	11.95	i	13 0.5	0.8	-2.4	4.0
99	12	15.70	10 8 25.1	44.85	1	+18.35	39		47.68	15.11	o	9 36.2	0.6	-2.3	3.9
100	12	21.56	10 7 55.5	50.70	1	+18.35	41		47.69	16.56	o	10 5.8	0.6	-2.3	3.9
101	9.5	23.46	10 6 41.1	52.55	1	+18.35	46		47.69	20.20	o	11 20.1	0.7	-2.3	3.9
102	13	35.89	10 7 19.9	45 5.00	1	+18.35	44		47.69	18.30	o	10 41.4	0.7	-2.3	3.8
103	10	55.82	10 8 42.3	25.00	1	+18.35	38		47.70	14.27	o	9 19.1	0.6	-2.3	3.8
104	10	56.75	10 14 23.8	26.20	1	+18.31	15		47.70	10.70	u	3 38.4	0.2	-2.7	3.8
105	12	39 6.59	10 2 32.9	44.30	2	+9.56	63		47.69	19.13	i	15 27.1	1.0	-1.2	3.7
106	12	19.04	10 12 53.4	57.25	2	+9.50	21		47.71	15.06	u	5 7.4	0.3	-1.3	3.7
107	13	44.87	9 59 33.7	46 13.60	1	+18.42	76		47.70	14.75	e	18 27.7	1.2	-2.7	3.6
108	10	54.82	9 59 13.4	23.55	1	+18.42	77		47.71	15.75	e	18 48.1	1.2	-2.7	3.5
109	10	40 2.50	10 3 47.7	31.45	1	+18.39	58		47.71	15.54	i	14 13.8	0.9	-2.4	3.5
110	10	21.22	10 8 11.5	50.40	1	+18.35	40		47.72	15.80	o	9 50.3	0.6	-2.3	3.4
111	10	22.50	10 3 40.0	51.45	1	+18.39	59		47.72	15.92	i	14 21.6	0.9	-2.4	3.4
112	9	37.12	10 4 3.9	47 6.10	1	+18.39	57		47.73	14.75	i	13 57.7	0.9	-2.4	3.4
113	10	46.77	10 12 57.3	16.20	1	+18.31	21		47.74	14.95	u	5 5.2	0.3	-2.7	3.4
114	9	41 0.42	10 6 27.3	29.50	1	+18.39	47		47.73	7.74	i	11 34.6	0.7	-2.4	3.3
115	12	2.69	9 59 14.4	31.40	1	+18.46	77		47.73	2.55	a	18 47.4	1.2	-2.7	3.2
116	10	13.68	10 12 20.7	43.05	1	+18.35	23		47.74	3.60	o	5 41.3	0.4	-2.3	3.4
117	9.5	12.73	10 9 20.4	50.80	2	+9.53	35		47.74	12.38	o	8 40.5	0.5	-1.2	3.3
118	9.5	15.21	10 1 59.0	48 2.50	3	0.00	65		47.73	7.53	e	16 0.3	1.0	0.0	3.2
119	9	29.41	10 4 31.5	7.25	2	+9.56	55		47.74	13.35	i	13 29.1	0.9	-1.2	3.2
120	12	32.58	9 55 25.7	19.60	3	0.00	92		47.73	13.62	a	22 33.3	1.4	0.0	3.1
121	12	53.84	10 7 41.2	31.85	2	+9.53	42		47.75	17.24	o	10 19.7	0.7	-1.2	3.1
122	12	42 3.50	10 13 49.4	41.80	2	+9.50	17		47.76	12.35	u	4 12.1	0.3	-1.3	3.0
123	9.5	36.15	10 14 51.4	49 5.70	1	+18.31	13		47.78	9.39	u	3 11.7	0.2	-2.7	2.9
		36.74	49.5	24.60	3	0.00	13			9.35	u	3 10.9	0.2	0.0	
124	9	12 42 58.19	-10 3 58.4	11 49 27.20	1	+18.39	58		47.77	15.05	i	14 3.8	0.9	-2.4	5 2.8
		57.85	58.0	35.70	2	+9.56	0.57			15.01	i	14 3.0	0.9	-1.2	

1 | A. G.; Münch. I. 8048.
 22 | A. G.
 40 | A. G.

48 | A. G.
 67 | A. G.; Münch. I. 8320; Madr. 1867, 1868.

Hilfsgrößen für die Reduction der Zonen.

Zone 41. $D = -5^{\circ} 0'$.

$$T = -0^m.8 \quad \Delta T = -1^s.4 \quad S = -0^h 24^m.9$$

$$f = 12 \quad A = 0''.48 \quad B = -0.008 \quad C = +0^s.055.$$

Fadenintervalle:

	I	2	4	5
a	+ 18 ^s .24	+ 9 ^s .51	- 9 ^s .53	- 18 ^s .05
e	18.20	9.48	9.55	18.02
i	18.16	9.45	9.57	17.98
o	18.12	9.42	9.58	17.94
u	+ 18.09	+ 9.39	- 9.60	- 17.91

Reduction auf 1875^o:

	k	k'	k	k'
12 ⁿ 20 ^m	- 30 ^s .23	+ 0 ^s .05	+ 3' 15''.1	- 0''.1
30	30.28	0.07	13.8	0.1
12 40	- 30.34	+ 0.08	+ 3 12.1	0.0

Mittlere Oerter 1875^o:

Nr.	α	δ	Nullpunkt: im Mittel aus:	
1	12 ^h 18 ^m 19 ^s .75	- 4 ^o 57' 17''.7	+ 0 ^h 24 ^m 2 ^s .94	- 5 ^o 10' 3''.2
11	20 21.90	53 57.7	2.91	1.5
23	22 6.69	54 44.1	2.97	0.6
39	25 31.04	65 55.6	2.67	2.2
44	26 37.02	58 17.5	2.80	0.1
62	30 13.16	44 1.5	2.62	3.3
76	32 47.39	51 19.8	2.99	2.8
97	35 48.48	55 3.9	2.76	1.7
98	36 9.53	46 50.6	2.53	2.7
131	12 42 42.06	- 4 45 41.2	+ 0 24 2.68	- 5 10 1.9

Zone 42. $D = -5^{\circ} 15'$.

$$T = -0^m.8 \quad \Delta T = -1^s.4 \quad S = +0^h 7^m.4$$

$$f = 12 \quad A = 0''.47 \quad B = +0.002 \quad C = +0^s.060.$$

Fadenintervalle:

	I	2	4	5
a	+ 18 ^s .25	+ 9 ^s .51	- 9 ^s .54	- 18 ^s .06
e	18.21	9.48	9.55	18.02
i	18.17	9.45	9.57	17.99
o	18.13	9.42	9.59	17.95
u	+ 18.09	+ 9.39	- 9.60	- 17.91

Reduction auf 1875^o:

	k	k'	k	k'
12 ⁿ 20 ^m	- 30 ^s .23	+ 0 ^s .05	+ 3' 15''.1	- 0''.1
30	30.29	0.07	13.8	0.1
12 40	- 30.35	+ 0.08	+ 3 12.1	0.0

Mittlere Oerter 1875^o:
der Anhaltsterne

Nr.	α	δ	Nullpunkt: im Mittel aus:	
12	12 ^h 20 ^m 2 ^s .44	- 5 ^o 20' 52''.4	- 0 ^h 8 ^m 11 ^s .02	- 5 ^o 27' 41''.1
16	20 32.69	22 10.9	10.94	40.7
33	23 36.66	19 48.1	11.18	42.1
36	23 57.84	20 18.5	11.28	40.2
44	25 31.04	5 55.6	11.04	41.9
54	27 36.18	6 29.4	11.14	43.0
71	30 7.38	22 37.3	11.17	39.1
72	30 21.05	8 33.9	11.14	43.7
89	33 42.07	17 48.1	11.24	39.5
123	41 4.99	12 27.3	11.17	44.3
128	41 43.78	16 21.2	11.13	42.4
135	42 47.58	8 28.8	11.14	42.3
144	12 44 27.65	- 5 22 45.5	- 0 8 11.19	- 5 27 41.7

Zone 43. $D = -5^{\circ} 30'$.

$$T = +1^m.2 \quad \Delta T = +0^s.2 \quad S = +0^h 11^m.2$$

$$f = 12 \quad A = 0''.47 \quad B = +0.003 \quad C = +0^s.060.$$

Fadenintervalle:

	I	2	4	5
a	+ 18 ^s .26	+ 9 ^s .52	- 9 ^s .54	- 18 ^s .07
e	18.22	9.49	9.56	18.03
i	18.18	9.46	9.57	18.00
o	18.14	9.43	9.59	17.96
u	+ 18.10	+ 9.40	- 9.61	- 17.92

Reduction auf 1875^o:

	k	k'	k	k'
12 ^h 20 ^m	- 38 ^s .44	+ 0 ^s .06	+ 4' 8''.6	- 0''.2
30	38.53	0.08	7.0	0.2
12 40	- 38.61	+ 0.10	+ 4 5.1	- 0.2

Mittlere Oerter 1875^o:
der Anhaltsterne

Nr.	α	δ	Nullpunkt:	
1	12 ^h 17 ^m 2 ^s .20	- 5 ^o 25' 36''.6	- 0 ^h 10 ^m 17 ^s .00	- 5 ^o 45' 59''.1
22	20 2.44	20 52.4	17.19	59.2
26	20 32.69	22 10.9	17.71	62.4
48	23 36.66	19 48.1	17.42	61.9
50	23 57.84	20 18.5	17.65	58.3
91	30 7.38	22 37.3	17.59	60.3
93	30 21.16	24 8.9	17.64	61.8
111	33 3.82	24 47.7	17.58	61.1
116	33 50.64	39 42.5	17.65	61.7
154	38 17.67	29 8.6	17.87	62.3
171	12 41 5.89	- 5 37 3.0	- 0 10 17.62	- 5 45 63.0

Wie aus dieser Zusammenstellung ersichtlich ist, trat zwischen Stern 22 und 26 eine Aenderung des Nullpunktes der AR. von etwa 0^s.5

ein, während in Declination eine solche Variation nicht hervortritt. Eine Revisionsbeobachtung ergab nun, dass diese Aenderung des Rectascensionsnullpunktes bereits beim Sterne 23 eingetreten sei; es wurde daher zur Reduction angenommen:

Nullpunkt:

Nr.	1—22	—0 ^h 10 ^m 17 ^s .10	—5° 46' 1.0
"	23—183	—0 10 17.64	—5 46 1.0

Zone 44 a. D = -5° 50'.

$T = +1^m.6 \quad \Delta T = +0^s.5 \quad S = +0^h 21^m.5$
 $f = 12 \quad A = 0''.48 \quad B = +0.006 \quad C = +0^s.062.$

Fadenintervalle:

	1	2	4	5
a	+ 18 ^s .26	+ 9 ^s .52	- 9 ^s .54	- 18 ^s .07
e	18.22	9.49	9.56	18.04
i	18.18	9.46	9.58	18.00
o	18.15	9.43	9.59	17.96
u	+ 18.11	+ 9.40	- 9.61	- 17.97

Reduction auf 1875°0:

	k	k'	k	k'
12 ^h 20 ^m	- 38 ^s .42	+ 0 ^s .06	+ 4' 8 ^s .6	- 0 ^s .3
30	38.52	0.08	7.1	0.3
12 40	- 38.62	+ 0.10	+ 4 5.1	- 0.3

Mittlere Oerter 1875°0:

der Anhaltsterne		Nullpunkt:	
Nr.	α	δ	im Mittel aus:
24	12 ^h 20 ^m 42 ^s .84	-5° 50' 6 ^s .8	-0 ^h 19 ^m 55 ^s .11
32	12 22 25.60	-5 50 20.7	-0 19 55.27

Zone 44 b. D = -5° 50'.

$T = +1^m.6 \quad \Delta T = +0^s.5 \quad S = +0^h 36^m.3$
 $f = 12 \quad A = 0''.50 \quad B = +0.012 \quad C = +0^s.065.$

Fadenintervalle und Reduction auf 1875°0 wie Zone 44 a.

Mittlere Oerter 1875°0:

der Anhaltsterne		Nullpunkt:	
Nr.	α	δ	im Mittel aus:
1	12 ^h 22 ^m 25 ^s .60	-5° 50' 20 ^s .7	-0 ^h 34 ^m 42 ^s .23
25	27 3.69	52 6.7	42.20
34	28 35.64	59 40.3	42.53
69	33 50.64	39 42.5	42.20
78	35 20.80	43 38.6	42.05
123	12 41 5.89	-5 37 3.0	-0 34 42.17

Zone 45. D = -6° 10'.

$T = +2^m.0 \quad \Delta T = +1^s.0 \quad S = +1^h 54^m.2$
 $f = 18 \quad A = 0''.60 \quad B = +0.038 \quad C = +0^s.097$
 $C' = -0^s.033.$

Fadenintervalle:

	1	2	4	5
a	+ 18 ^s .28	+ 9 ^s .53	- 9 ^s .55	- 18 ^s .09
e	18.24	9.50	9.57	18.05
i	18.20	9.47	9.59	18.02
o	18.17	9.44	9.60	17.98
u	+ 18.13	+ 9.41	- 9.62	- 17.95

Reduction auf 1875°0:

	k	k'	k	k'
12 ^h 20 ^m	- 38 ^s .32	+ 0 ^s .06	+ 4' 8 ^s .3	- 0 ^s .4
30	38.44	0.08	6.7	0.4
12 40	- 38.56	+ 0.10	+ 4 4.7	- 0.4

Mittlere Oerter 1875°0:

der Anhaltsterne		Nullpunkt:	
Nr.	α	δ	im Mittel aus:
31	12 ^h 21 ^m 37 ^s .71	-6° 13' 51 ^s .6	-1 ^h 52 ^m 14 ^s .57
46	23 43.09	11 33.6	14.58
47	23 39.22	17 57.9	14.70
71	27 29.48	6 5 21.5	14.70
75	28 35.64	5 59 40.3	14.57
105	33 3.19	6 14 29.7	14.67
136	38 40.84	16 11.4	14.62
161*	42 34.96	1 13.4	14.64
166	12 43 14.82	-6 11 54.5	-1 52 14.64

* Küstner 420.

Um eine bessere Uebereinstimmung in den Nullpunkten der Rectascension zu erzielen, wurde die Annahme gemacht, dass das Fadennetz nicht vollständig richtig orientirt war. Die aus den Anhaltsternen abgeleitete Correction von -0^s.130 für je 10' wurde mit C zur Correction C' vereinigt und der dem Argumente „Decl. in Bogenmass“ entsprechende Betrag dieser Correction in der 8. Columne „Refr. und Fadenneig.“ angesetzt; des Weiteren wurde die Correction Fadenneigung in Declination für die verticalen Fäden 1, 2, 4, 5 um die Beträge +0^s.8, +0^s.4, -0^s.4, -0^s.8 geändert.

Zone 46. D = -6° 30'.

$T = +2^m.0 \quad \Delta T = +1^s.0 \quad S = +2^h 28^m.4$
 $f = 22 \quad A = 0''.70 \quad B = +0.052 \quad C = +0^s.095.$

Fadenintervalle:

	1	2	4	5
a	+ 18 ^s .29	+ 9 ^s .54	- 9 ^s .56	- 18 ^s .10
e	18.26	9.51	9.58	18.07
i	18.22	9.48	9.60	18.03
o	18.18	9.45	9.61	18.00
u	+ 18.14	+ 9.42	- 9.63	- 17.96

Reduction auf 1875°0:

	k	k'	k	k'
12 ^h 20 ^m	- 38 ^s .34	+ 0 ^s .06	+ 4' 8 ^s .4	- 0 ^s .4
30	38.46	0.08	6.8	0.4
12 40	- 38.58	+ 0.10	+ 4 4.8	- 0.4

Mittlere Oerter 1875°0:

der Anhaltsterne		Nullpunkt:	
Nr.	α	δ	im Mittel aus:
1	12 ^h 16 ^m 43 ^s .79	-6° 36' 20 ^s .6	-2 ^h 26 ^m 26 ^s .42
2	16 58.41	21 25.0	27.20
24	19 52.71	38 16.2	26.69
51	23 39.22	17 57.9	27.27
54	24 19.86	34 20.5	26.89
69	26 45.48	34 32.9	26.57
104	31 42.29	22 1.8	26.99
112*	33 24.79	26 15.9	27.15
114	33 38.71	22 25.6	27.20
119	34 29.79	29 43.2	26.72
140	12 37 34.28	-6 35 6.2	-2 26 26.97

* Küstner 415.

Zone 47. $D = -6^{\circ} 50'$.

$$T = +2^m 0 \quad \Delta T = +1^s 0 \quad \Delta T' = -14^s 34$$

$$S = +1^h 7^m 2$$

$$f = 13 \quad A = 0'' 53 \quad B = +0.024 \quad C = +0^s 072.$$

Fadenintervalle:

	1	2	4	5
a	+ 18 ^s .30	+ 9 ^s .54	- 9 ^s .56	- 18 ^s .11
e	18.26	9.51	9.58	18.07
i	18.22	9.48	9.60	18.04
o	18.19	9.45	9.61	18.00
u	+ 18.15	+ 9.42	- 9.63	- 17.97

Reduction auf 1875^o0:

	k	k'	k	k'
12 ^h 20 ^m	- 38 ^s .33	+ 0 ^s .06	+ 4' 8 ^{''} .4	- 0 ^{''} .4
30	38.46	0.08	6.8	0.4
12 40	- 38.59	+ 0.10	+ 4 4.8	- 0.4

Mittlere Oerter 1875^o0:

Nr.	der Anhaltsterne		Nullpunkt:	
	α	δ	im Mittel aus:	
1	12 ^h 16 ^m 43 ^s .79	- 6 ^o 36' 20 ^{''} .6	- 1 ^h 5 ^m 11 ^s .21	- 7 ^o 2' 49 ^{''} .1
14	18 43.79	51 44.6	11.27	52.4
18	19 10.12	55 13.4	11.45	49.3
24	19 52.71	38 16.2	11.29	48.7
31	21 15.31	53 20.1	11.37	49.5
34	21 33.37	52 32.9	11.38	49.3
82	29 18.08	45 30.2	11.32	48.4
124	34 56.05	41 51.9	11.42	49.1
129	35 29.84	48 45.0	11.30	48.0
190	43 38.40	57 3.5	11.26	47.0
193	44 2.20	44 27.1	11.29	(53.8)
194	12 44 14.10	- 6 57 15.2	- 1 5 11.36	- 7 2 49.1

Die Nullpunkte in Rectascension zeigen einen der Zeit proportionalen Gang. Die daraus folgende Correction von $-15^s 34$ für 24 Stunden wurde mit ΔT der Correction für Uhgang zur Grösse $\Delta T' = -14^s 34$ vereinigt und der auf jeden Stern entfallende Betrag dieser Correction in der Columnne „Uhgang“ angeführt.

Zone 48. $D = -6^{\circ} 50'$.

$$T = +2^m 0 \quad \Delta T = +1^s 0 \quad S = +1^h 21^m 5$$

$$f = 15 \quad A = 0'' 53 \quad B = +0.027 \quad C = +0^s 073.$$

Fadenintervalle:

	1	2	4	5
a	+ 18 ^s .30	+ 9 ^s .54	- 9 ^s .56	- 18 ^s .11
e	18.26	9.51	9.58	18.07
i	18.22	9.48	9.60	18.04
o	18.19	9.45	9.61	18.00
u	+ 18.15	+ 9.42	- 9.63	- 17.97

Reduction auf 1875^o0:

	k	k'	k	k'
12 ^h 20 ^m	- 38 ^s .31	+ 0 ^s .06	+ 4' 8 ^{''} .3	- 0 ^{''} .5
30	38.44	0.08	6.7	0.5
12 40	- 38.57	+ 0.10	+ 4 4.7	- 0.4

Mittlere Oerter 1875^o0:
der Anhaltsterne

Nr.	der Anhaltsterne		Nullpunkt:	
	α	δ	im Mittel aus:	
1	12 ^h 16 ^m 43 ^s .79	- 6 ^o 36' 20 ^{''} .6	- 1 ^h 19 ^m 28 ^s .78	- 7 ^o 1' 35 ^{''} .9
17	18 43.79	51 44.6	29.10	37.9
21	19 10.12	55 13.4	29.05	34.8
28	19 52.71	38 16.2	29.07	39.1
36	21 15.31	53 20.1	28.98	35.0
38	21 33.37	52 32.9	29.15	36.5
55	24 19.86	34 20.5	28.99	34.1
68	26 45.48	34 32.9	29.05	35.4
84	29 18.08	45 30.2	29.10	34.6
119	34 56.05	41 51.9	29.10	36.4
125	35 29.84	48 45.0	29.26	33.7
144	37 34.28	35 6.2	29.29	40.1
191	12 44 2.20	- 6 44 27.1	- 1 19 29.27	- 7 1 32.0

Zone 49. $D = -7^{\circ} 10'$.

$$T = +2^m 0 \quad \Delta T = +1^s 0 \quad S = +1^h 43^m 7$$

$$f = 17 \quad A = 0'' 58 \quad B = +0.035 \quad C = +0^s 080.$$

Fadenintervalle:

	1	2	4	5
a	+ 18 ^s .31	+ 9 ^s .55	- 9 ^s .57	- 18 ^s .12
e	18.28	9.52	9.59	18.09
i	18.24	9.49	9.61	18.05
o	18.20	9.46	9.62	18.02
u	+ 18.16	+ 9.43	- 9.64	- 17.98

Reduction auf 1875^o0:

	k	k'	k	k'
12 ^h 20 ^m	- 38 ^s .34	+ 0 ^s .06	+ 4' 8 ^{''} .5	- 0 ^{''} .4
30	38.48	0.08	6.9	0.4
12 40	- 38.61	+ 0.10	+ 4 4.9	- 0.4

Mittlere Oerter 1875^o0:

Nr.	der Anhaltsterne		Nullpunkt:	
	α	δ	im Mittel aus:	
5	12 ^h 19 ^m 10 ^s .12	- 6 ^o 55' 13 ^{''} .4	- 1 ^h 41 ^m 40 ^s .99	- 7 ^o 21' 2 ^{''} .6
13	20 22.61	7 1 58.6	41.07	0.9
41	24 50.35	6 58 24.8	41.25	1.6
96	32 36.89	7 13 47.9	41.46	0.9
129	37 46.23	7 10 26.9	41.28	2.5
145	40 31.16	7 6 54.8	41.24	1.9
164	12 43 38.40	- 6 57 3.5	- 1 41 41.43	- 7 20 56.5

Zone 50. $D = -7^{\circ} 30'$.

$$T = +2^m 0 \quad \Delta T = +1^s 0 \quad S = +1^h 54^m 2$$

$$f = 18 \quad A = 0'' 63 \quad B = +0.039 \quad C = +0^s 084.$$

Fadenintervalle:

	1	2	4	5
a	+ 18 ^s .33	+ 9 ^s .56	- 9 ^s .58	- 18 ^s .14
e	18.29	9.52	9.60	18.10
i	18.25	9.49	9.61	18.07
o	18.22	9.46	9.63	18.03
u	+ 18.18	+ 9.43	- 9.65	- 17.99

Reduction auf 1875^o0:

	k	k'	k	k'
12 ^h 20 ^m	- 38 ^s .33	+ 0 ^s .06	+ 4' 8 ^{''} .5	- 0 ^{''} .5
30	38.47	0.08	6.9	0.4
12 40	- 38.61	+ 0.10	+ 4 4.9	- 0.4

Mittlere Oerter 1875·0: **Nullpunkt:**
 der Anhaltsterne $-1^h 52^m 13^s.16 - 7^{\circ} 40' 49''.8$
 im Mittel aus:

Nr.	α	δ		
27	$12^h 22^m 11^s.41$	$-7^{\circ} 35' 21''.1$	$-1^h 52^m 13^s.09$	$-7^{\circ} 40' 51''.4$
49	25 0.05	28 1.5	13.28	48.6
72	28 14.15	22 1.4	12.98	52.0
98	32 36.89	13 47.9	13.16	49.6
99	32 47.68	18 26.3	13.07	49.3
101	32 55.46	20 34.8	13.10	47.0
128	37 38.58	35 15.0	13.24	48.1
148	12 42 0.90	-7 21 37.4	-1 52 13.40	-7 40 52.1

Zone 51. $D = -7^{\circ} 40'$.

$T = +0^m.5 \quad \Delta T = 0^s.0 \quad S = -1^h 17^m.3$
 $f = 14 \quad A = 0''.55 \quad B = -0.026 \quad C = +0^s.045.$

Fadenintervalle:

	1	2	4	5
a	$+18^s.33$	$+9^s.56$	$-9^s.58$	$-18^s.14$
e	18.29	9.53	9.60	18.10
i	18.25	9.50	9.61	18.07
o	18.22	9.47	9.63	18.04
u	$+18.18$	$+9.44$	-9.65	-18.00

Reduction auf 1875·0:

	k	k'	k	k'
$12^h 20^m$	$-41^s.33$	$+0^s.06$	$+4' 27''.4$	$-0''.2$
30	41.45	0.08	25.9	0.2
12 40	-41.57	$+0.10$	$+4 23.8$	-0.2

Mittlere Oerter 1875·0: **Nullpunkt:**
 der Anhaltsterne $+1^h 7^m 47^s.00 - 7^{\circ} 57' 7''.4$
 im Mittel aus:

Nr.	α	δ		
1	$12^h 17^m 28^s.97$	$-7^{\circ} 40' 30''.0$	$+1^h 7^m 47^s.23$	$-7^{\circ} 57' 6''.8$
23	22 11.41	35 21.1	47.19	6.6
78	30 53.85	36 40.4	46.77	4.8
102	34 13.08	45 25.5	47.06	7.0
124	37 38.58	35 15.0	46.63	7.7
130	12 38 31.04	-7 50 50.3	+1 7 47.15	-7 57 11.5

Zone 52. $D = -8^{\circ} 0'$.

$T = +0^m.5 \quad \Delta T = 0^s.0 \quad S = -0^h 26^m.4$
 $f = 12 \quad A = 0''.53 \quad B = -0.009 \quad C = +0^s.053.$

Fadenintervalle:

	1	2	4	5
a	$+18^s.35$	$+9^s.57$	$-9^s.59$	$-18^s.16$
e	18.31	9.54	9.61	18.12
i	18.27	9.51	9.62	18.09
o	18.24	9.48	9.64	18.05
u	$+18.20$	$+9.45$	-9.66	-18.02

Reduction auf 1875·0:

	k	k'	k	k'
$12^h 20^m$	$-41^s.34$	$+0^s.06$	$+4' 27''.4$	$-0''.2$
30	41.46	0.08	25.9	0.2
12 40	-41.60	$+0.10$	$+4 23.9$	-0.2

Mittlere Oerter 1875·0: **Nullpunkt:**
 der Anhaltsterne $+0^h 26^m 56^s.40 - 8^{\circ} 14' 14''.6$
 im Mittel aus:

Nr.	α	δ		
18	$12^h 20^m 24^s.51$	$-7^{\circ} 56' 27''.0$	$+0^h 26^m 56^s.42$	$-8^{\circ} 14' 17''.6$
19	20 32.64	8 8 16.0	56.64	16.4
28	21 30.25	7 59 5.4	56.10	15.8
58	25 34.25	7 55 14.7	56.43	12.4
88	29 11.41	7 56 28.6	56.30	12.7
114	32 21.75	8 5 9.5	56.53	16.7
134	34 32.22	8 4 11.2	56.72	14.5
137	34 49.82	8 5 23.5	56.39	14.0
151	36 37.02	7 55 25.9	56.02	13.8
167	38 31.04	7 50 50.3	56.43	11.7
170	12 39 0.40	-7 59 56.9	+0 26 56.44	-8 14 14.6

Zone 53. $D = -8^{\circ} 20'$.

$T = +0^m.5 \quad \Delta T = 0^s.0 \quad S = +0^h 17^m.2$
 $f = 12 \quad A = 0''.55 \quad B = +0.006 \quad C = +0^s.063$
 $C' = -0^s.286.$

Fadenintervalle:

	1	2	4	5
a	$+18^s.36$	$+9^s.57$	$-9^s.60$	$-18^s.17$
e	18.33	9.54	9.61	18.14
i	18.29	9.51	9.63	18.10
o	18.25	9.48	9.65	18.07
u	$+18.22$	$+9.45$	-9.67	-18.03

Reduction auf 1875·0:

	k	k'	k	k'
$12^h 20^m$	$-41^s.35$	$+0^s.06$	$+4' 27''.5$	$-0''.2$
30	41.49	0.08	25.9	0.2
12 40	-41.62	$+0.10$	$+4 23.9$	-0.2

Mittlere Oerter 1875·0: **Nullpunkt:**
 der Anhaltsterne $-0^h 16^m 38^s.73 - 8^{\circ} 34' 40''.2$
 im Mittel aus:

Nr.	α	δ		
20	$12^h 20^m 32^s.64$	$-8^{\circ} 8' 16''.0$	$-0^h 16^m 38^s.78$	$-8^{\circ} 34' 39''.2$
73	27 40.59	9 35.9	38.50	40.2
77	28 5.85	14 29.3	38.76	41.2
87	29 25.06	22 3.2	38.83	40.5
149*	37 9.59	8 58.0	38.91	39.7
179	12 41 22.18	-8 27 41.5	-0 16 38.63	-8 34 40.2

* Kf. 499.

Die unzureichende Uebereinstimmung in den Nullpunkten der Rectascensionen sowie die Differenzen der mit den Nachbarzonen gemeinsamen Sterne, führten zur Annahme, dass das Fadennetz nicht vollkommen richtig orientirt war. Die sodann abgeleitete Correction $-0^s.349$ für je $10'$ wurde mit C' zur Correction C' vereinigt und der dem Argumente „Decl. in Bogenmass“ entsprechende Betrag dieser Correction in der 8. Columnne „Refr. und Fadenneigung“ angesetzt; ferner wurde die Correction Fadenneigung in Declination für die verticalen Fäden 1, 2, 4, 5 um die Beträge $+2''.4$, $+1''.2$, $-1''.2$, $-2''.4$ geändert.

Zone 54. $D = -8^{\circ} 40'$.

$T = +0^m.5 \quad \Delta T = 0^s.0 \quad S = -0^h 22^m.7.$
 $f = 12 \quad A = 0''.57 \quad B = -0.008 \quad C = +0^s.055.$

Fadenintervalle:

	1	2	4	5
a	+ 18 ^s .38	+ 9 ^s .58	- 9 ^s .61	- 18 ^s .19
e	18.34	9.55	9.62	18.15
i	18.30	9.52	9.64	18.12
o	18.27	9.49	9.66	18.08
u	+ 18.23	+ 9.46	- 9.67	- 18.05

Reduction auf 1875^o0:

	k	k'	k	k'
12 ^h 20 ^m	- 41 ^s .36	+ 0 ^s .06	+ 4' 27 ^{''} .6	- 0 ^{''} .2
30	41.50	0.08	26.0	0.2
12 40	- 41.64	+ 0.10	+ 4 24.0	- 0.2

Mittlere Oerter 1875^o0:

Nr.	der Anhaltsterne		Nullpunkt:	
	α	δ	im Mittel aus:	
			+ 0 ^h 23 ^m 11 ^s .09	- 8 ^o 52' 22 ^{''} .0
41	12 ⁿ 24 ^m 57 ^s .92	- 8 ^o 29' 25 ^{''} .3	+ 0 ^h 23 ^m 10 ^s .90	- 8 ^o 52' 20 ^{''} .4
54	27 19.66	45 43.6	11.18	21.7
64	28 59.04	44 42.3	10.92	22.5
100	34 40.54	33 33.3	11.13	24.8
129	12 39 29.87	- 8 37 22.5	+ 0 23 11.30	- 8 52 20.5

Zone 55. D = - 9^o 0'.

$T = + 0^m.5 \quad \Delta T = 0^s.0 \quad S = + 0^h 9^m.5$
 $f = 12 \quad A = 0^{''}.57 \quad B = + 0.003 \quad C = + 0^s.061$
 $C' = 0^s.072.$

Fadenintervalle:

	1	2	4	5
a	+ 18 ^s .39	+ 9 ^s .59	- 9 ^s .61	- 18 ^s .20
e	18.36	9.56	9.63	18.17
i	18.32	9.53	9.65	18.13
o	18.28	9.50	9.67	18.10
u	+ 18.25	+ 9.47	- 9.68	- 18.06

Reduction auf 1875^o0:

	k	k'	k	k'
12 ⁿ 20 ^m	- 41 ^s .37	+ 0 ^s .06	+ 4' 27 ^{''} .6	- 0 ^{''} .2
30	41.52	0.08	26.0	0.2
12 40	- 41.66	+ 0.10	+ 4 24.0	- 0.2

Mittlere Oerter 1875^o0:

Nr.	der Anhaltsterne		Nullpunkt:	
	α	δ	im Mittel aus:	
			+ 0 ^h 8 ^m 0 ^s .18	- 9 ^o 11' 47 ^{''} .9
1	12 ^h 16 ^m 50 ^s .10	- 9 ^o 4' 33 ^{''} .3	+ 0 ^h 8 ^m 0 ^s .27	- 9 ^o 11' 46 ^{''} .3
17	20 9.88	8 56 35.9	0.50	46.5
19	20 23.56	8 56 40.2	0.06	45.7
33	22 16.70	8 52 30.0	7 59.86	47.8
35	22 24.26	8 58 35.8	8 0.02	48.4
49	24 36.23	9 5 48.2	0.07	46.7
50	24 42.87	8 47 44.6	0.30	45.0
70	27 19.66	8 45 43.6	0.03	47.7
73	27 56.71	8 54 41.0	0.12	49.9
79	28 59.04	8 44 42.3	0.30	47.7
95	31 2.75	8 58 11.2	0.18	49.3
117	34 23.31	9 5 5.3	0.26	48.8
122	35 7.60	9 6 18.3	0.25	(42.5)
129	36 25.95	8 47 42.7	0.18	48.8
135	37 19.93	9 4 58.5	0.20	48.3
166	12 42 6.08	- 9 5 3.2	- 0 8 0.25	- 9 11 51.1

Um eine bessere Uebereinstimmung in den Nullpunkten der Rectascensionen zu erzielen, wurde die Annahme gemacht, dass das Fadenetz nicht auf das strengste orientirt war. Die aus den Anhaltsternen sodann abgeleitete Correction von - 0^s.133 für je 10' wurde mit C zur Correction C' vereinigt und der dem Argumente „Decl. in Bogenmass entsprechende Betrag dieser Correction in der 8. Columnne „Refr. und Fadenneig.“ angesetzt; ferner wurde die Correction Fadenneigung in Declination für die verticalen Fäden 1, 2, 4, 5 um die Beträge + 0^{''}.8, + 0^{''}.4, - 0^{''}.4, - 0^{''}.8 geändert.

Zone 56. D = - 9^o 20'.

$T = + 0^m.9 \quad \Delta T = + 0^s.2 \quad S = + 1^h 11^m.3$
 $f = 14 \quad A = 0^{''}.62 \quad B = + 0.024 \quad C = + 0^s.074.$

Fadenintervalle:

	1	2	4	5
a	+ 18 ^s .41	+ 9 ^s .60	- 9 ^s .62	- 18 ^s .22
e	18.37	9.57	9.64	18.18
i	18.34	9.54	9.66	18.15
o	18.30	9.51	9.67	18.11
u	+ 18.26	+ 9.48	- 9.69	- 18.08

Reduction auf 1875^o0:

	k	k'	k	k'
12 ^h 20 ^m	- 41 ^s .30	+ 0 ^s .06	+ 4' 27 ^{''} .8	- 0 ^{''} .4
30	41.46	0.08	26.2	0.4
12 40	- 41.63	+ 0.10	+ 4 24.2	- 0.4

Mittlere Oerter 1875^o0:

Nr.	der Anhaltsterne		Nullpunkt:	
	α	δ	im Mittel aus:	
			- 1 ^h 10 ^m 23 ^s .56	- 9 ^o 29' 39 ^{''} .7
1	12 ^h 16 ^m 50 ^s .10	- 9 ^o 4' 33 ^{''} .3	- 1 ^h 10 ^m 23 ^s .14	- 9 ^o 29' 43 ^{''} .0
15	19 8.58	20 42.3	23.14	39.8
47	24 11.08	8 0.5	23.35	42.3
53	24 36.23	5 48.2	23.69	34.4
122	34 23.31	5 5.3	23.62	35.1
125	34 40.88	8 10.5	23.52	45.6
129	35 7.60	6 18.3	23.56	40.0
145	37 19.93	4 58.5	23.78	38.8
146	37 20.92	21 56.5	23.99	41.2
150	37 58.55	23 46.9	23.81	39.2
178	41 34.36	21 25.6	23.39	38.8
184	12 42 6.08	- 9 5 3.2	- 1 10 23.69	- 9 29 37.6

Zone 57. D = - 9^o 40'.

$T = + 0^m.9 \quad \Delta T = + 0^s.2 \quad S = + 1^h 42^m.6$
 $f = 15 \quad A = 0^{''}.70 \quad B = + 0.036 \quad C = + 0^s.085.$

Fadenintervalle:

	1	2	4	5
a	+ 18 ^s .43	+ 9 ^s .61	- 9 ^s .63	- 18 ^s .24
e	18.39	9.58	9.65	18.20
i	18.35	9.55	9.67	18.17
o	18.32	9.52	9.68	18.13
u	+ 18.28	+ 9.49	- 9.70	- 18.10

Reduction auf 1875^o0:

	k	k'	k	k'
12 ^h 20 ^m	- 41 ^s .31	+ 0 ^s .06	+ 4' 27 ^{''} .9	- 0 ^{''} .4
30	41.48	0.08	26.3	0.4
12 40	- 41.65	+ 0.10	+ 4 24.2	- 0.4

Mittlere Oerter 1875°0: der Anhaltsterne		Nullpunkt: —1 ^h 41 ^m 24 ^s .28 —9°48'39".0	
Nr.	α	δ	im Mittel aus:
22	12 ^h 20 ^m 26 ^s .34	—9°39'36".3	—1 ^h 41 ^m 24 ^s .23 —9°48'37".1
28	21 23.73	28 30.0	24.15 37.8
71	26 58.17	28 51.9	24.42 37.0
83	29 40.03	41 44.8	24.05 36.2
141	37 20.92	21 56.5	24.43 44.6
145	37 58.55	23 46.9	24.29 40.5
170	41 1.50	33 59.9	24.23 37.8
179	12 41 34.36	—9 21 25.6	—1 41 24.43 —9 48 41.2

Zone 58a. $D = -9^{\circ} 50'$.

$T = +1^m.9$ $\Delta T = +1^s.3$ $S = +2^h 52^m.5$
 $f = 32$ $A = 1''.05$ $B = +0.064$ $C = +0^s.127$

Fadenintervalle:

	1	2	4	5
a	+18 ^s .45	+9 ^s .62	—9 ^s .64	—18 ^s .26
e	18.41	9.59	9.66	18.22
i	18.37	9.56	9.68	18.19
o	18.34	9.53	9.69	18.15
u	+18.30	+9.50	—9.71	—18.12

Reduction auf 1875°0:

	k	k'	k	k'
12 ^h 15 ^m	—41 ^s .01	+0 ^s .05	+4' 27".8	—0".5
25	41.20	0.07	26.5	0.5
35	41.38	0.10	24.7	0.5
12 45	—41.57	+0.13	+4 22.4	—0.5

Mittlere Oerter 1875°0: der Anhaltsterne		Nullpunkt: —2 ^h 51 ^m 3 ^s .16 —10° 6'28".9	
Nr.	α	δ	im Mittel aus:
1	12 ^h 16 ^m 13 ^s .70	—9°41'43".8	—2 ^h 51 ^m 3 ^s .18 —10° 6'27".2
8	17 54.84	47 0.9	3.11 28.1
23	12 23 2.93	—9 56 57.0	—2 51 3.19 —10 6 31.4

Zone 58b. $D = -9^{\circ} 50'$.

$T = +1^m.9$ $\Delta T = +1^s.3$ $S = +2^h 57^m.6$
 $f = 34$ $A = 1''.11$ $B = +0.065$ $C = +0^s.132$.

**Fadenintervalle und Reduction auf 1875°0
wie Zone 58a.**

Mittlere Oerter 1875°0: der Anhaltsterne		Nullpunkt: —2 ^h 55 ^m 45 ^s .54 —10° 6'33".6	
Nr.	α	δ	im Mittel aus:
1	12 ^h 23 ^m 2 ^s .93	—9°56'57".0	—2 ^h 55 ^m 45 ^s .48 —10° 6'33".6
29	28 52.83	55 23.4	45.44 34.5
33	29 40.03	41 44.8	45.69 33.0
95	12 44 4.06	—9 53 24.3	—2 55 45.55 —10 6 33.1

Zone 59. $D = -10^{\circ} 10'$.

$T = +0^m.4$ $\Delta T = +0^s.5$ $S = -0^h 53^m.6$
 $f = 13$ $A = 0''.63$ $B = -0.018$ $C = +0^s.048$
 $C' = +0^s.409$.

Fadenintervalle:

	1	2	4	5
a	+18 ^s .46	+9 ^s .62	—9 ^s .65	—18 ^s .27
e	18.42	9.59	9.67	18.23
i	18.39	9.56	9.68	18.20
o	18.35	9.53	9.70	18.16
u	+18.31	+9.50	—9.72	—18.13

Reduction auf 1875°0:

	k	k'	k	k'
12 ^h 20 ^m	—47 ^s .33	+0 ^s .05	+5' 7".3	—0".3
30	47.51	0.08	5.8	0.3
12 40	—47.70	+0.11	+5 3.7	—0.3

Mittlere Oerter 1875°0: der Anhaltsterne		Nullpunkt: +0 ^h 53 ^m 59 ^s .79 —10°23' 3".5	
Nr.	α	δ	im Mittel aus:
6	12 ^h 19 ^m 39 ^s .50	—10° 7'36".4	+0 ^h 53 ^m 59 ^s .82 —10°22'59".3
22	23 2.93	9 56 57.0	59.71 66.4
40	27 50.75	10 11 37.8	60.01 64.4
48	28 52.83	9 55 23.4	59.87 ...
67	12 33 10.78	—10 8 20.8	+0 53 59.52 —10 22 63.8

Um eine bessere Uebereinstimmung in den Nullpunkten der Rectascension zu erzielen, wurde die Annahme gemacht, dass das Fadennetz nicht vollkommen richtig orientirt war. Die aus den wenigen Anhaltsternen abgeleitete Correction von +0^s.361 für je 10' wurde mit C zur Correction C' vereinigt und der dem Argumente „Decl. in Bogenmass“ entsprechende Betrag dieser Correction in der 8. Columne „Refr. und Fadenneig.“ angesetzt; ferner wurde die Correction Fadenneigung in Declination für die verticalen Fäden 1, 2, 4, 5 um die Beträge —2".4, —1".2, +1".2, +2".4 geändert.