

TARTU ÜLIKOOLI EESTI VEEKOGUDE UURIMISE
===== KOMISJONI VALJAANNE Nr. 25. =====

MEREVEE
TEMPERATUURI, SOOLSUSE JA
VOOLU VAATLUSED 1929—1934

TEMPERATUR-, SALZGEHALT- UND
STROMBEOBACHTUNGEN
DES MEERES
1929-1934

TARTUS 1936

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Vee temperatuur ja soolsus mitmesugustes sügavustes.

Temperatur und Salzgehalt in verschiedenen Tiefen.

m	t°	$S^{\circ}/_{\infty}$	t°	$S^{\circ}/_{\infty}$	t°	$S^{\circ}/_{\infty}$	t°	$S^{\circ}/_{\infty}$	t°	$S^{\circ}/_{\infty}$	t°	$S^{\circ}/_{\infty}$	t°	$S^{\circ}/_{\infty}$	t°	$S^{\circ}/_{\infty}$	t°	$S^{\circ}/_{\infty}$
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1929—1934

Keri

$\varphi = 59^{\circ} 43'$ $\lambda = 25^{\circ} 01'$
R. Dorofeev; L. Kirnmann.

1929																		
	1. I	21. I	11. V	21. V	3. VI	12. VI	21. VI	1. VII	11. VII	21. VII								
0	2.4	5.41	1.0	5.75	2.4	5.35	3.2	5.23	4.4	4.94	6.2	4.90	9.8	4.96	14.0	4.13	14.0	4.83
5	2.4	5.55	1.0	5.70	2.2	5.37	3.0	5.23	4.4	4.94	6.0	4.96	8.8	4.99	14.0	4.74	13.4	4.89
10	2.4	5.68	1.2	5.70	1.8	5.61	2.8	5.32	4.2	5.01	5.8	4.96	8.8	5.01	9.4	5.12	11.4	5.03
20	2.6	5.79	1.4	5.72	1.6	6.13	2.8	5.32	3.6	5.03	4.4	5.28	5.2	5.30	4.6	5.72	5.6	5.64
30	3.0	5.86	1.8	5.72	1.0	6.33	1.2	5.55	1.0	6.49	3.2	5.86	5.2	5.70	2.0	6.33	3.4	6.17
40	3.2	5.95	2.6	5.99	0.8	6.60	1.0	6.58	1.0	6.13	1.2	6.55	1.8	6.51	1.8	6.69	2.2	6.51
50	3.8	6.11	3.4	6.35	2.0	6.69	0.8	6.96	1.2	6.89	3.8	7.12	1.6	6.62	1.8	7.07	2.4	6.96
60	4.0	6.91	4.2	7.23	2.0	7.41	2.8	8.01	3.2	8.51	3.8	8.71	3.0	6.93	2.8	6.64	2.4	7.67
70	4.4	6.91	4.6	7.74	3.2	8.66	4.0	9.00	3.6	9.15	4.0	8.93	3.8	6.94	3.8	7.86	3.4	8.26
80	4.4	7.83	4.6	8.68	4.4	9.61	4.1	9.36	3.7	9.16	4.2	9.24	4.0	8.78	4.0	9.09	4.2	9.43
90	4.4	7.90	4.6	8.77	4.4	9.61	4.2	9.38	4.0	9.06	4.2	9.33	4.0	8.79	4.0	9.13	4.2	8.96
100	4.4	8.04	4.6	9.67	4.4	9.67	4.2	9.40	4.0	9.13	4.2	9.24	4.0	8.98	4.0	9.15	4.2	9.06
110	4.4	8.03	4.6	9.69	4.4	9.49	4.2	9.36	4.0	9.15	4.2	9.27	4.0	8.98	4.0	9.11	4.2	9.06
1929																		
	1. VIII	11. VIII	21. VIII	1. IX	12. IX	22. IX	1. X	28. X	1. XI	17. XI								
0	15.4	5.46	15.2	5.84	15.2	5.95	14.2	—	13.2	5.88	13.0	5.48	12.2	5.14	9.4	5.84	7.8	6.06
5	15.3	5.46	15.2	5.86	15.2	5.90	14.6	5.95	12.8	5.86	12.8	5.72	12.2	—	9.4	5.72	7.8	6.06
10	15.2	5.43	15.0	5.88	15.2	5.90	15.0	5.99	12.8	5.82	12.8	5.63	12.2	5.08	9.4	5.68	7.8	6.04
20	13.4	5.68	14.0	5.99	15.2	5.93	15.0	6.04	12.2	5.84	12.8	5.75	12.2	5.23	9.4	5.84	8.0	5.99
30	10.2	6.02	10.8	6.04	14.8	5.93	14.0	6.13	13.0	6.02	12.8	5.82	12.2	5.54	9.6	—	8.0	6.04
40	5.4	6.20	4.2	6.15	13.8	5.97	13.8	6.24	12.0	6.04	11.2	5.86	11.2	5.73	9.4	5.97	8.0	6.09
50	3.2	6.60	2.4	6.85	2.4	5.95	2.7	6.08	3.2	6.44	4.2	6.67	4.2	6.60	8.2	6.02	8.0	5.99
60	3.4	7.45	3.0	7.38	2.4	7.02	2.6	6.56	3.2	5.99	3.2	7.39	3.2	6.85	7.6	6.20	7.8	6.17
70	3.6	7.90	3.2	7.74	3.2	7.50	3.6	7.12	3.4	5.99	3.2	7.63	3.2	7.72	4.2	6.83	4.8	6.02
80	4.0	8.42	3.8	8.57	3.6	8.46	3.6	7.88	3.4	7.63	4.0	9.47	3.8	9.34	4.0	7.86	4.6	7.45
90	4.0	8.60	4.0	8.60	3.8	8.53	3.8	—	3.4	7.86	4.2	9.49	4.0	9.31	3.8	—	4.2	7.43
100	4.0	8.71	4.0	8.75	3.8	8.57	3.8	8.13	3.6	8.17	4.2	9.67	4.0	9.42	3.6	8.13	4.0	7.48
110	4.0	8.64	4.0	8.78	3.8	8.57	3.8	8.13	3.6	8.26	4.2	9.65	4.0	9.45	3.6	8.21	4.0	7.52
1929																		
	1. XII	21. XII	11. I	25. I	6. II	17. II	11. III	20. III	3. IV	11. IV								
0	7.0	5.72	5.2	5.08	4.0	5.14	3.6	5.23	2.1	5.54	0.4	5.01	0.8	5.43	0.1	5.03	1.2	5.52
5	7.0	6.02	5.2	4.98	4.0	5.23	3.6	5.26	2.2	5.32	0.4	5.03	0.8	5.34	0.1	4.90	1.2	5.52
10	7.0	5.99	5.2	5.01	4.0	5.52	3.6	5.25	2.3	5.43	1.0	5.25	0.8	5.35	0.1	4.99	1.2	5.55
20	7.0	5.99	5.2	5.50	4.0	5.62	3.8	5.34	2.3	5.46	1.6	5.59	1.2	5.37	0.8	5.14	1.4	5.59
30	7.0	6.02	5.6	5.84	4.0	5.61	4.0	5.46	2.3	5.70	1.8	5.79	1.2	5.41	1.6	5.14	1.4	5.55
40	7.0	5.91	6.2	5.88	4.2	5.86	4.0	5.43	2.4	5.81	1.8	5.93	1.2	5.48	2.2	5.99	1.6	5.70
50	7.2	6.04	6.2	5.99	4.5	5.84	4.2	5.48	2.8	5.66	2.6	6.09	2.6	6.19	2.4	6.24	1.6	5.90
60	6.4	6.09	6.2	6.08	4.6	5.86	5.0	5.81	3.2	5.93	3.2	6.44	2.8	6.53	2.8	6.37	2.0	6.15
70	6.2	6.28	6.2	6.42	4.6	5.86	5.6	6.22	3.8	6.91	4.0	7.88	3.6	7.61	4.0	7.92	3.0	7.14
80	6.2	6.33	6.0	6.89	4.6	6.40	5.6	6.19	3.8	7.03	4.2	7.94	4.4	8.86	4.2	8.84	3.8	8.13
90	5.2	7.12	5.2	6.98	4.6	6.44	5.6	6.37	4.0	8.13	4.0	9.11	4.4	8.89	4.4	8.84	3.8	8.26
100	4.8	7.20	5.2	7.07	4.6	6.56	5.6	6.46	4.0	8.21	4.0	9.15	4.4	9.18	4.4	9.11	4.0	8.28
110	4.6	7.11	—	—	4.6	6.53	5.6	6.46	—	—	—	—	4.4	9.07	4.4	9.11	4.0	8.21

m	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$
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Keri

	1930																			
	24. IV	1. V	13. V	21. V	2. VI	13. VI	21. VI	2. VII	14. VII	23. VII										
0	4.2	4.89	3.4	4.87	5.2	5.03	7.8	—	8.0	4.83	12.8	4.81	14.8	4.85	15.8	4.90	14.8	4.13	15.8	4.18
5	3.2	4.90	3.4	4.85	2.2	4.87	7.6	4.96	7.6	4.98	10.8	4.72	14.6	4.80	15.0	4.90	14.0	4.09	15.8	4.13
10	3.0	4.96	3.2	4.90	4.8	4.99	5.4	5.14	7.6	5.01	10.4	4.70	11.0	4.78	14.6	4.96	9.4	4.52	15.0	4.22
20	2.2	5.41	3.0	4.92	2.8	5.79	3.6	5.59	7.4	5.41	8.4	4.80	9.0	5.28	7.6	5.59	5.0	5.63	7.0	5.32
30	2.8	5.68	2.2	5.41	2.8	6.00	3.0	6.08	3.4	6.11	5.2	5.88	5.0	5.93	3.2	6.08	4.0	6.42	5.0	6.49
40	2.6	5.97	2.2	5.77	2.8	6.31	3.0	6.42	3.2	6.42	3.2	6.33	3.0	6.35	3.2	6.44	4.0	—	4.6	6.62
50	2.6	6.37	2.6	6.24	3.4	6.78	3.2	6.49	3.2	6.78	3.2	6.65	3.2	6.76	3.2	6.76	3.6	7.14	3.8	6.74
60	3.4	7.43	3.6	7.79	3.8	7.95	4.0	7.90	3.8	6.38	3.6	7.57	3.8	8.48	3.8	8.35	3.8	7.77	4.2	8.37
70	4.2	8.84	4.2	8.96	4.2	9.11	4.2	9.15	4.0	8.73	4.2	8.69	4.2	8.51	4.0	8.35	4.2	8.80	4.2	8.37
80	4.2	9.43	4.4	9.36	4.2	9.11	4.2	9.52	4.4	9.40	4.4	9.31	4.2	9.42	4.0	9.11	4.2	9.09	4.2	9.09
90	4.4	9.47	4.4	9.42	4.2	9.20	4.2	9.51	4.4	9.42	4.4	9.33	4.4	9.38	4.2	9.16	4.2	9.18	4.2	9.15
100	4.4	9.43	4.4	9.36	4.2	9.58	4.6	9.61	4.4	9.47	4.4	9.36	4.4	9.42	4.2	9.20	4.2	9.27	4.2	9.20
110	4.4	9.54	4.4	9.34	4.2	9.51	4.6	9.51	4.4	9.43	4.4	9.36	4.4	9.38	4.2	9.20	4.2	9.27	4.2	9.38

1930

	1. VIII	19. VIII	3. IX	11. IX	21. IX	1. X	4. XI	23. XI	9. XII	18. XII										
0	18.6	4.04	15.8	4.58	15.6	4.52	14.0	4.72	11.8	4.69	10.4	4.74	7.4	5.21	5.4	5.64	4.4	5.57	3.2	5.93
5	18.0	4.06	15.0	4.60	15.4	4.54	14.0	4.65	11.0	5.82	10.4	4.74	7.4	5.23	5.4	5.66	4.4	5.63	3.2	5.95
10	9.6	4.81	15.0	4.63	15.4	4.72	14.0	4.67	4.6	4.63	10.4	4.80	7.4	5.25	5.4	5.68	4.2	5.82	3.2	5.95
20	4.0	5.73	14.2	4.67	15.2	5.59	13.6	5.28	4.6	6.76	5.2	6.42	7.4	5.28	5.4	5.68	4.6	5.93	3.4	5.95
30	6.2	6.42	5.0	—	10.6	5.81	6.0	6.35	4.2	6.65	4.0	6.51	7.4	5.45	5.8	5.72	4.8	5.90	3.6	6.00
40	5.8	6.98	4.0	6.80	4.6	6.53	4.6	6.93	3.8	7.29	4.0	7.03	4.8	7.00	5.8	6.04	4.8	7.09	3.8	6.13
50	4.0	6.98	4.0	6.94	3.8	6.91	4.2	6.96	3.8	7.50	4.0	7.16	3.8	7.00	5.4	6.69	4.8	7.14	4.4	6.13
60	4.0	8.75	4.0	8.19	4.0	8.21	4.2	8.15	3.8	8.31	4.0	8.64	4.0	7.77	4.2	7.63	4.6	7.38	4.4	7.39
70	4.2	8.80	4.2	8.21	4.0	8.10	4.2	8.19	3.8	8.37	4.0	8.21	4.0	7.81	4.2	7.63	4.4	7.39	4.4	7.36
80	4.2	—	4.2	8.69	4.2	8.55	4.2	8.42	4.0	7.25	4.0	8.57	4.0	8.22	4.0	7.83	4.2	7.41	4.4	7.09
90	4.2	9.25	4.2	8.80	4.2	8.80	4.2	8.41	4.0	7.11	4.0	8.59	4.0	8.21	4.0	7.83	4.2	7.50	4.4	8.06
100	4.2	9.25	4.2	8.80	4.2	8.78	4.2	8.77	4.0	8.77	4.0	9.09	4.0	8.33	4.0	7.99	4.2	—	4.4	8.04
110	4.2	9.27	4.2	8.78	4.2	—	4.2	8.89	4.0	8.73	4.0	8.86	4.0	8.35	4.0	7.90	4.2	—	4.4	8.08

1931

	12. I	1. II	5. V	11. V	21. V	2. VI	13. VI	21. VI	1. VII	14. VII										
0	1.2	6.04	-0.2	6.24	3.2	5.72	4.0	5.16	6.8	5.23	7.2	5.64	8.2	5.55	9.6	5.79	11.8	5.91	15.2	5.91
5	1.4	6.33	-0.2	6.09	2.0	5.46	2.6	5.25	6.6	5.26	6.0	5.77	6.8	5.61	9.4	5.73	11.6	5.93	14.6	5.95
10	1.4	6.69	0.0	6.09	2.0	6.20	2.2	5.41	2.0	6.02	4.8	6.29	6.6	5.77	9.2	5.81	10.6	5.90	14.2	5.97
20	1.4	6.37	0.0	6.17	0.4	5.64	0.6	6.37	1.4	6.60	2.8	6.71	5.6	5.82	8.8	5.79	10.4	5.99	8.2	6.15
30	1.4	6.51	0.4	6.22	0.4	6.56	0.4	6.67	0.6	6.76	2.0	7.09	3.8	6.28	5.4	6.17	10.4	6.06	3.2	6.53
40	1.6	6.38	0.8	6.28	0.2	6.83	0.4	6.83	0.8	6.96	1.6	7.34	1.6	6.85	1.6	6.40	7.8	6.02	2.2	6.04
50	2.0	6.49	2.2	6.40	2.0	6.85	1.2	7.09	1.0	7.11	1.6	8.06	1.2	6.98	1.2	6.93	2.4	6.73	1.8	6.98
60	4.2	7.05	2.2	6.53	3.2	8.87	1.8	7.63	1.6	7.32	2.4	7.95	1.6	7.32	1.6	8.46	2.4	7.07	2.0	7.14
70	4.2	7.14	2.4	6.55	3.4	9.15	3.2	9.24	3.0	8.55	3.2	8.73	3.0	8.53	3.0	8.46	3.2	7.61	2.4	7.76
80	4.4	7.41	2.4	6.55	3.6	8.87	3.6	9.24	3.6	8.60	3.6	8.64	3.6	9.11	3.4	8.13	3.2	8.86	3.0	8.84
90	4.4	7.39	3.2	6.78	3.8	9.34	3.8	9.27	3.8	9.02	3.8	9.18	3.6	9.13	3.6	—	3.6	8.89	3.4	8.87
100	4.4	7.52	3.2	6.80	3.8	9.22	3.8	9.27	3.8	9.22	3.8	9.20	3.6	9.13	3.6	9.04	3.6	9.04	3.4	8.91
110	4.4	7.50	3.2	6.76	3.8	9.31	3.8	9.34	3.8	9.31	3.8	9.16	3.6	9.11	3.6	9.25	3.6	9.06	3.4	9.31

1931

	22. VII	1. VIII	12. VIII	22. VIII	2. IX	17. IX	24. IX	1. X	11. X	24. X										
0	14.8	5.82	17.2	6.09	17.6	5.93	17.8	6.08	16.0	6.00	13.4	5.97	12.2	5.84	11.2	5.63	10.2	5.17	8.2	5.79
5	14.6	5.86	16.4	6.11	17.2	5.93	17.6	6.02	16.0	6.00	13.2	6.09	12.2	5.88	11.2	5.57	10.2	5.28	8.2	5.79
10	14.4	5.88	15.2	6.15	16.8	5.93	17.6	6.02	15.8	6.00	13.2	6.00	12.4	5.95	11.2	5.61	10.2	5.35	8.2	5.84
20	8.4	5.95	14.6	6.20	15.6	6.00	17.2	6.08	14.8	6.02	13.2	6.09	12.6	5.97	11.6	5.86	10.2	5.41	8.4	5.84
30	7.0	6.15	12.0	6.08	12.2	6.08	11.6	6.08	12.6	6.00	13.2	6.04	12.6	5.95	11.6	5.86	10.2	5.45	8.4	5.82
40	4.6	6.46	3.4	6.58	6.2	6.11	4.8	6.38	7.4	6.49	12.6	6.11	6.4	6.24	5.6	6.02	9.8	5.63	8.4	5.86
50	2.2	6.82	2.8	6.64	4.0	6.53	3.8	6.58	4.8	6.49	4.4	6.44	4.2	6.29	5.4	6.60	4.0	6.62	8.4	5.86
60	1.8	7.03	2.4	7.02	2.6	6.93	2.4	7.14	3.6	7.63	3.0	7.16	2.8	7.27	4.0	7.14	3.8	7.57	4.0	7.09
70	2.2	7.03	2.6	7.95	2.2	7.43	2.2	7.67	2.6	8.19	3.0	7.72	2.8	7.30	3.6	8.48	3.4	7.52	3.6	7.18
80	2.8	8.17	2.8	8.31	3.0	8.42	3.0	8.50	2.8	8.24	3.0	8.17	3.0	8.37	3.6	9.25	3.6	7.88	3.2	—
90	3.0	8.19	3.0	8.03	3.2	8.39	3.2	8.55	3.0	7.29	3.6	8.21	3.2	8.37	3.6	8.96	3.6	9.20	3.4	—
100	3.4	8.73	3.2	8.48	3.2	8.51	3.2	8.82	3.2	8.57	4.2	8.60	3.2	8.66	3.6	8.89	3.6	9.11	3.6	8.57
110	3.4	8.89	3.2	8.48	3.2	8.48	3.2	8.78	3.2	8.60	4.2	8.60	3.2	8.66	3.6	9.18	3.6	9.22	3.6	8.68

m	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$
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Keri

1931

	2. XI	23. XI	10. XII	18. XII	30. XII	23. I	19. V	2. VI	11. VI	21. VI
0	6.8	5.73	5.4	6.02	3.2	5.95	2.4	5.99	1.4	5.88
5	7.0	5.79	5.2	6.02	3.4	6.00	2.4	5.99	1.4	5.81
10	7.0	5.82	5.0	6.06	3.6	5.99	2.8	6.06	1.6	5.84
20	7.0	5.82	5.4	6.19	3.8	6.06	3.0	6.15	1.8	5.79
30	7.0	5.90	5.6	6.19	4.0	6.20	3.0	6.13?	2.0	6.06
40	6.8	—	6.0	6.47	4.0	6.40	3.4	6.26?	2.8	6.40
50	6.6	6.42	5.4	6.47	4.2	6.37	3.6	6.19?	3.2	6.46
60	5.8	7.02	5.2	6.85	4.6	7.03	3.6	6.35?	3.6	6.69
70	5.2	7.03	4.8	6.87	4.4	7.07	3.8	6.38?	3.8	6.67
80	4.2	7.56	4.4	7.61	4.2	7.25	3.8	6.19?	4.0	5.91?
90	4.0	7.59	4.0	7.63	4.2	8.24	4.0	6.19?	4.0	6.08?
100	3.8	7.83	3.8	8.33	4.0	8.41	4.0	6.87?	4.0	7.09
110	3.8	7.90	3.8	8.37	4.0	8.39	4.0	6.91?	4.0	—

1932

	23. I	19. V	2. VI	11. VI	21. VI
0	1.2	5.86	7.2	5.73	6.8
5	1.2	—	1.0	5.16	5.0
10	1.8	5.82	1.0	5.93	4.8
20	2.2	5.91	1.0	6.40	4.2
30	2.8	6.08	0.6	6.60	0.8
40	3.2	5.97	0.4	6.87	0.2
50	3.4	5.91	0.6	6.93	1.8
60	3.6	6.44	3.0	8.44	2.6
70	3.8	6.44	3.0	8.39	3.0
80	3.8	6.49	3.0	8.42	3.2
90	4.0	6.47	3.0	8.31	3.4
100	4.0	7.00	3.2	8.62	3.2
110	4.0	7.12	3.2	8.62	3.2

1932

	5. VII	11. VII	22. VII	1. VIII	12. VIII	22. VIII	1. IX	15. IX	25. IX	3. X
0	16.2	4.52	18.0	4.49	18.0	4.20	3.78	19.2	4.78	18.0
5	13.2	4.52	17.0	4.51	16.6	4.11	19.6	3.91	18.6	4.85
10	9.8	5.39	16.4	4.54	14.8	4.22	18.0	4.15	17.8	4.89
20	3.0	6.35	3.4	5.84	5.6	5.34	5.8	6.31	3.8	6.02
30	1.2	6.62	1.2	6.51	3.4	6.60	2.4	6.85	2.8	6.69
40	1.0	6.87	1.0	6.82	2.6	6.62	2.2	6.87	2.4	7.02
50	1.2	7.25	1.0	7.03	1.8	7.56	2.0	7.63	2.2	7.00
60	1.6	7.18	2.2	5.88	1.8	7.54	2.2	7.70	2.2	7.83
70	2.6	8.21	2.8	7.85	2.6	8.46	2.8	8.42	2.4	7.85
80	2.8	8.28	3.0	8.44	2.8	8.46	2.8	8.41	2.6	8.33
90	3.2	8.44	3.2	8.44	3.2	8.62	3.0	8.64	2.8	8.39
100	3.2	8.44	3.2	8.60	3.2	8.62	3.0	8.62	2.8	8.37
110	3.2	8.51	3.2	8.62	3.2	8.64	3.0	8.84	3.0	8.39

1932

	16. X	30. X	2. XI	19. XI	26. XI	13. XII	21. XII	2. I	12. I	30. I
0	10.2	6.19	8.2	5.93	8.0	6.02	5.2	5.52	5.4	5.57
5	10.4	6.19	7.8	5.93	8.2	6.04	5.2	5.54	5.4	5.55
10	10.4	6.13	8.0	6.06	8.2	6.04	5.6	5.59	5.4	5.55
20	10.4	6.17	8.6	6.02	8.4	6.13	5.8	5.64	5.4	5.57
30	10.2	6.19	8.6	6.19	8.4	6.19	6.0	5.59	5.6	5.64
40	9.8	6.15	8.6	6.13	8.4	6.31	6.7	6.02	6.2	6.24
50	9.0	6.22	5.4	6.13	8.0	6.31	7.0	6.02	6.8	6.20
60	4.4	6.56	4.2	6.15	7.4	6.46	5.6	6.60	5.0	6.62
70	3.2	6.53	4.2	6.73	4.8	6.44	5.0	6.51	4.2	6.65
80	2.8	7.12	3.8	6.74	3.8	7.32	4.6	6.64	4.0	7.16
90	2.4	7.07	3.0	7.16	3.8	7.38	3.4	6.94	3.8	7.20
100	2.4	7.38	3.0	7.23	3.8	7.67	3.4	7.88	3.6	7.61
110	2.4	7.25	2.8	7.07	3.8	7.74	3.4	7.90	3.6	7.65

1933

	13. XII	21. XII	2. I	12. I	30. I
0	4.8	5.82	4.8	5.82	4.2
5	4.8	5.84	4.2	5.75	3.6
10	4.8	5.86	4.2	5.77	3.6
20	4.8	5.91	4.2	5.79	3.8
30	4.8	5.84	4.4	5.73	3.8
40	4.8	5.86	4.6	5.75	4.0
50	4.8	5.95	4.8	5.84	4.4
60	4.8	5.90	5.0	5.95	4.6
70	4.8	6.58	5.0	6.11	4.6
80	4.6	6.60	4.6	6.11	4.8
90	4.6	6.80	4.6	6.51	4.8
100	4.4	6.74	4.2	6.76	4.6
110	4.4	6.87	4.2	6.78	4.4

1933

	1. II	12. II	7. IV	21. IV	3. V	15. V	27. V	6. VI	11. VI	26. VI
0	1.0	5.79	0.4	5.73	0.6	5.43	1.4	5.34	3.2	5.08
5	1.0	5.82	—0.8	5.72	0.6	5.34	1.4	5.34	3.0	5.08
10	1.2	5.82	—0.8	5.79	0.6	5.37	1.2	5.34	2.8	5.12
20	1.6	5.79	0.6	5.79	0.6	5.37	1.2	5.35	2.2	5.12
30	2.0	6.00	1.8	6.20	1.4	5.79	0.8	5.99	1.4	6.33
40	2.4	6.06	2.6	6.15	2.0	5.79	1.0	6.60	1.0	6.38
50	2.8	6.19	3.0	6.15	2.2	6.65	1.6	6.51	1.8	7.02
60	3.0	6.19	3.2	5.99	2.4	6.67	2.0	7.48	2.4	7.03
70	3.2	6.28	3.2	6.00	3.2	8.17	2.4	7.50	3.4	8.51
80	3.4	6.37	3.6	5.97	3.8	8.26	3.8	8.57	3.8	8.59
90	3.4	7.41	3.8	7.14	4.0	8.15	4.0	8.48	3.8	8.48
100	3.6	7.81	4.0	7.32	4.0	8.42	4.0	7.68?	4.0	8.80
110	3.8	7.88	4.0	7.34	4.0	8.59	4.0	7.50?	4.0	8.87

m	t°	$S^{0/0}$	t°	$S^{0/0}$	t°	$S^{0/0}$	t°	$S^{0/0}$	t°	$S^{0/0}$	t^0	$S^{0/0}$	t°	$S^{0/0}$	t°	$S^{0/0}$
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1929—1934

Vilsandi

$$\varphi = 58^{\circ} 23' \quad \lambda = 21^{\circ} 50'$$

A. Thoin.

1929																				
	3. I	13. IV	27. IV	3. I. V	11. V	1. 21. V	9. VI	1. 11. VI	3. 27. VI	1. 2. VII										
0	3.5	6.95	0.2	7.02	2.0	6.85	4.0	6.53	5.3	6.42	4.0	7.00	6.8	6.49	9.0	6.53	10.3	6.47	13.8	6.40
5	3.6	6.94	0.2	7.02	1.8	6.85	3.8	6.55	5.2	6.37	3.9	7.00	6.8	6.51	8.2	6.53	9.8	6.76	13.4	6.44
10	3.6	6.98	0.3	7.02	1.5	6.87	3.4	6.51	4.0	6.49	3.8	6.99	6.9	6.51	7.9	6.67	7.4	6.83	13.6	6.58
20	5.4	7.18	0.4	7.05	1.2	6.83	3.2	6.58	2.1	7.00	3.6	7.00	7.1	6.55	8.3	6.69	6.4	6.80	6.8	6.82
1929																				
	11. VII	3. 27. VII	1. 7. VIII	3. 16. VIII	3. 21. VIII	3. 4. IX	1. 11. IX	3. 25. IX	1. 5. X	14. XI										
0	12.5	6.35	13.5	6.74	15.8	6.44	16.4	6.73	15.8	6.51	15.7	6.83	12.6	6.74	13.4	6.82	12.2	6.74	7.8	6.40
5	12.2	6.56	13.4	6.76	14.6	6.60	16.1	6.67	15.2	6.51	15.7	6.82	12.3	6.71	13.5	6.78	12.2	6.73	7.9	6.47
10	11.9	6.67	13.2	6.80	13.5	6.93	15.9	6.46	14.8	6.76	15.2	6.80	12.2	6.74	13.4	6.78	12.4	6.74	8.2	6.65
20	11.8	6.62	12.9	6.89	13.2	6.94	15.6	6.42	14.4	6.87	14.9	6.82	11.4	6.76	13.4	6.78	12.6	6.74	9.0	6.91
1929																				
	1. 21. XI	1. 1. XII	3. 13. XII	21. XII	1. 14. I	3. 25. I	1. 6. II	3. 13. II	1. 21. II	7. III										
0	7.4	6.71	6.0	6.47	5.8	6.47	6.3	6.89	3.6	—	4.5	6.96	1.3	6.89	2.5	6.89	2.4	6.89	2.8	6.69
5	7.6	6.56	6.1	6.35	5.9	6.46	6.3	6.83	3.6	6.67	4.5	6.93	1.7	6.89	2.3	6.85	2.4	6.87	2.8	6.67
10	8.3	6.78	6.2	6.40	5.9	6.64	6.3	6.87	3.6	6.71	4.4	7.00	1.8	6.91	2.3	6.85	2.5	6.93	2.8	6.69
20	8.4	7.02	6.2	6.42	6.1	6.65	6.4	6.89	3.8	6.73	4.3	6.98	2.0	6.93	2.1	6.89	3.2	6.98	2.7	6.78
1930																				
	3. 11. III	25. III	1. 1. IV	1. 11. IV	3. 21. IV	3. 1. V	3. 11. V	3. 21. V	1. 3. VI	3. 12. VI										
0	2.8	6.69	1.9	6.51	2.4	6.33	3.0	6.71	5.2	6.60	6.0	6.76	7.2	7.16	10.1	6.47	9.8	6.71	12.4	6.55
5	2.8	6.80	1.8	6.47	2.5	6.51	2.9	6.71	4.9	6.40	5.8	6.74	7.2	7.21	9.8	6.51	5.9	6.85	11.2	6.51
10	2.8	6.80	2.0	6.62	2.5	6.51	2.9	6.82	4.9	6.40	3.9	7.05	7.1	6.73	9.8	6.51	3.9	6.91	11.2	6.51
20	2.9	6.80	2.1	6.64	2.7	6.85	2.8	6.87	4.8	6.47	3.7	7.11	7.2	—	6.0	9.76	3.8	6.98	11.1	6.55
1930																				
	1. 21. VI	1. 2. VII	3. 11. VII	3. 21. VII	3. 1. VIII	3. 21. VIII	3. 2. IX	1. 11. IX	3. 26. IX	1. 5. X										
0	16.7	6.65	12.2	6.67	16.2	6.49	16.5	6.73	18.8	6.00	17.7	6.51	16.6	6.73	12.7	6.71	12.2	6.53	9.7	6.78
5	12.0	6.73	6.6	6.87	14.7	6.60	16.4	6.80	18.3	6.00	17.6	6.53	16.5	6.73	12.7	7.16	12.4	6.51	9.7	6.78
10	11.2	6.73	4.5	6.98	14.4	6.64	16.5	6.55	18.2	5.95	17.3	6.56	16.5	6.74	11.6	6.67	12.4	6.53	9.7	6.78
20	8.6	6.78	4.2	7.09	13.9	6.65	16.2	6.53	18.1	6.02	16.4	6.71	16.4	6.78	11.9	6.78	12.8	6.49	9.8	6.80
1930																				
	3. 15. X	1. 22. X	3. 5. XI	25. XI	1. 1. XII	3. 18. XII	3. 24. XII	3. 4. I	1. 13. I	28. I										
0	10.2	7.00	9.2	6.28	9.3	6.62	5.5	6.85	4.8	6.60	0.9	6.00	2.3	6.56	-0.3	5.93	-0.1	6.51	-0.3	6.00
5	10.2	6.98	9.2	6.33	9.5	6.58	5.5	6.91	5.0	6.56	1.3	6.11	3.9	6.89	-0.3	5.95	0.0	6.56	-0.3	5.97
10	10.2	6.91	9.1	6.29	9.5	6.64	5.7	6.94	7.0	6.93	1.7	6.15	4.6	6.98	-0.1	6.06	0.2	6.56	-0.2	6.04
20	10.3	6.91	9.0	6.29	9.6	6.78	5.8	6.89	7.2	6.93	1.4	6.44	5.1	7.09	0.3	6.37	0.4	6.65	0.0	6.42
1931																				
	12. IV	25. IV	3. V	26. V	1. VI	1. VII	11. VII	21. VII	1. VIII	11. VIII										
0	0.3	7.07	3.0	6.62	4.3	6.35	9.6	5.95	11.0	6.17	13.1	6.60	15.4	6.73	15.0	6.60	17.3	6.58	17.2	6.74
5	0.3	7.11	3.0	6.74	4.3	6.37	8.5	5.97	9.0	6.22	12.3	6.55	13.7	6.73	14.7	6.73	16.7	6.64	16.9	6.74
10	0.2	7.14	2.8	6.94	4.1	6.46	8.4	6.58	8.8	6.19	12.3	6.56	13.6	6.78	14.6	6.73	15.1	6.78	16.9	6.74
20	0.2	7.12	2.7	6.96	4.0	6.56	5.8	5.95	5.7	6.85	12.2	6.51	13.3	6.82	14.4	6.73	14.4	6.87	16.3	6.78
1931																				
	22. VIII	12. IX	28. IX	1. X	11. X	24. X	6. XI	11. XI	23. XI	23. XII										
0	17.6	6.64	13.7	6.69	8.6	6.76	9.1	6.82	10.9	6.64	8.1	6.87	6.1	6.80	6.5	6.44	4.7	6.47	1.4	6.65
5	17.4	6.64	13.7	6.94	6.8	7.30	—	7.11	9.8	6.74	8.2	6.87	6.2	6.82	6.5	6.44	4.7	6.49	1.4	6.78
10	17.3	6.73	13.4	6.82	6.4	7.48	—	7.11	9.7	6.73	8.3	6.87	6.2	6.82	6.6	6.47	4.7	6.46	1.6	6.78
20	16.6	6.82	13.4	6.78	6.4	7.48	—	7.12	9.6	6.73	8.2	6.94	6.2	6.82	6.8	6.49	4.8	6.55	1.7	5.99

1) 11 h; 2) 15 h; 3) 14 h; 4) 12 h;

m	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$
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Vilsandi

1932																				
	24. I		3. II		17. IV		21. IV		2. V		13. V		21. V		3. VI		11. VI		21. VI	
0	1.3	6.65	0.3	6.73	1.0	6.49	2.7	6.80	5.0	6.74	6.0	6.85	7.8	1.22	7.6	6.71	8.5	6.65	10.5	6.78
5	1.4	6.71	0.5	6.76	0.6	6.64	2.6	6.83	2.1	6.94	5.7	6.85	7.5	6.22	7.6	6.69	8.4	6.73	10.1	6.69
10	1.7	6.82	1.1	6.78	0.5	6.82	0.9	7.14	3.3	7.00	3.3	6.93	7.7	6.28	7.8	6.69	8.3	6.73	10.2	6.76
20	1.9	6.82	—	—	0.3	7.03	1.0	7.11	4.0	7.00	3.2	7.00	7.8	6.31	9.2	6.62	8.5	6.73	10.2	6.80
1932																				
	1. VII		11. VII		21. VII		1. VIII		11. VIII		21. VIII		1. IX		15. IX		28. IX		8. X	
0	11.5	6.56	15.3	6.58	18.5	6.56	19.5	5.77	16.2	6.46	17.3	6.62	16.2	6.71	15.3	—	14.1	6.76	—	—
5	11.3	6.74	13.2	6.89	18.2	6.56	19.4	5.77	15.8	6.56	17.3	6.62	16.1	6.69	15.2	6.71	14.2	6.73	12.0	6.74
10	11.3	6.96	11.6	7.02	18.2	6.56	19.1	5.82	13.3	6.69	17.2	6.62	8.3	6.76	15.4	6.73	14.1	6.78	12.4	6.89
20	11.1	7.02	11.4	7.00	17.3	6.56	19.6	6.11	9.9	6.85	6.2	6.93	8.2	6.08	15.6	6.85	14.0	6.82	12.2	6.76
1932																				
	11. X		21. X		1. XI		11. XI		3. XII		12. XII		21. XII		^{1) 1. I}		29. I		6. II	
0	—	—	—	—	—	6.73	5.4	6.19	—	—	4.2	6.69	—	—	2.3	6.85	0.2	6.93	0.4	6.80
5	12.0	6.82	11.0	6.78	9.0	6.74	6.4	6.09	5.6	6.47	5.2	6.74	4.3	6.62	4.2	6.83	1.0	6.87	0.8	6.80
10	10.0	6.78	10.8	6.78	8.9	6.76	6.2	6.17	6.4	6.51	5.2	6.73	4.2	6.60	4.1	6.82	1.0	6.87	1.5	6.78
20	10.0	6.67	10.3	6.74	8.8	6.78	6.2	6.22	6.2	6.51	5.2	6.69	4.2	6.62	3.0	6.87	1.2	6.87	1.8	6.74
1933																				
	16. II		23. III		9. IV		20. IV		1. V		11. V		25. V		1. VI		11. VI		21. VI	
0	0.0	6.80	1.0	6.67	2.4	6.82	4.0	6.80	3.6	6.78	5.4	6.69	5.6	6.78	8.4	6.83	9.2	6.73	16.9	6.04
5	—	6.80	1.2	6.74	1.8	6.82	2.2	6.78	3.2	6.85	5.3	—	5.5	6.83	5.2	6.80	5.4	6.76	16.8	6.20
10	—	6.80	1.3	6.87	1.8	6.83	2.2	6.83	3.2	6.76	5.3	6.82	2.6	7.05	2.8	6.96	3.6	6.73	15.3	6.76
20	—	6.78	1.2	6.93	2.2	7.21	2.2	7.20	2.6	6.94	5.4	6.85	2.4	7.25	2.5	7.09	3.2	7.09	5.2	6.83
1933																				
	1. VII		11. VII		21. VII		1. VIII		12. VIII		21. VIII		1. IX		11. IX		21. IX		9. X	
0	15.6	6.64	18.0	6.73	19.0	6.46	17.2	6.28	16.5	6.60	16.6	6.46	15.5	6.71	10.8	6.64	7.0	7.23	8.0	6.64
5	10.8	—	13.8	6.97	16.0	6.46	17.2	6.33	16.5	6.58	16.4	6.47	15.4	6.69	9.7	6.69	6.8	7.23	7.8	6.64
10	9.0	6.71	10.2	6.82	15.8	6.46	16.5	6.26	16.4	6.58	16.4	6.49	15.2	6.73	5.6	6.85	6.8	7.23	7.8	6.64
20	7.8	6.82	4.8	6.96	15.2	6.51	15.2	6.24	16.2	6.58	16.2	6.49	14.8	6.73	5.2	7.03	6.4	7.30	6.8	6.91
1933																				
	14. X		21. X		2. XI		11. XI		21. XI		1. XII		12. XII		21. XII		^{1) 1. I}		11. I	
0	8.2	6.65	8.1	6.67	7.1	6.60	5.6	6.58	2.6	6.73	3.7	6.69	2.2	6.71	2.0	6.74	—0.1	6.58	—0.1	6.44
5	8.0	6.64	8.2	6.71	7.2	6.64	6.1	6.64	2.4	6.65	3.8	6.69	2.2	6.69	2.1	6.76	0.1	6.58	0.0	6.44
10	8.0	6.23	8.0	6.71	7.2	6.64	6.5	6.82	2.4	6.65	4.2	6.71	2.4	6.67	2.3	6.76	0.2	6.58	0.2	6.42
20	7.9	6.69	7.8	6.73	7.1	6.62	6.9	6.76	2.6	6.65	4.4	6.74	2.4	6.71	2.4	6.87	0.3	6.60	0.2	6.42
1934																				
	^{2) 29. I}		^{3) 14. II}		24. II		11. III		21. III		1. IV		11. IV		21. IV		1. V		18. V	
0	1.5	6.98	0.7	6.73	0.2	6.76	0.4	6.49	1.0	6.51	1.6	6.56	2.0	6.74	4.0	6.69	7.0	6.40	10.2	6.04
5	1.8	6.96	0.7	6.76	0.2	6.76	1.0	6.87	0.6	6.71	1.4	6.72	1.9	6.76	3.5	6.71	6.1	6.67	10.0	6.15
10	1.8	6.93	0.6	6.78	0.4	6.76	1.2	6.91	0.7	6.71	1.7	5.70	1.8	6.80	3.4	6.71	4.9	6.85	10.0	6.17
20	2.0	6.91	1.8	6.96	0.4	6.76	1.4	6.91	0.8	6.73	2.0	5.70	1.9	6.85	3.4	6.73	3.9	6.91	9.9	6.13
1934																				
	25. V		1. VI		12. VI		26. VI		6. VII		11. VII		21. VII		2. VIII		15. VIII		23. VIII	
0	9.2	6.53	10.2	6.71	9.0	6.89	12.9	6.89	13.8	6.78	7.3	6.93	6.5	6.94	17.0	6.49	18.6	6.49	18.5	6.33
5	8.3	6.60	7.2	6.91	7.8	6.89	12.8	6.89	13.4	6.83	3.9	6.96	6.5	6.80	16.9	6.47	18.4	6.47	18.3	6.31
10	8.5	6.82	6.6	6.91	2.9	7.03	7.8	6.89	9.9	6.87	2.5	7.03	4.9	6.83	15.8	6.62	18.4	6.49	18.2	6.31
20	7.0	6.82	5.1	6.94	2.7	7.14	7.6	6.89	5.7	6.91	2.3	7.05	4.3	6.94	7.7	6.87	18.3	6.49	18.0	6.29

¹⁾ 11h; ²⁾ 15h; ³⁾ 14h; ⁴⁾ 12h;

[illegible]

Vilsandi

1934																					
	1. IX			11. IX		23. IX		1. X		13. X		26. X		1. XI		11. XI		21. XI		3. XII	
0	17.8	6.53	18.2	6.42	17.3	6.47	15.2	6.58	14.8	6.65	12.0	6.58	11.6	6.94	10.2	6.89	9.8	6.85	6.2	6.78	
5	17.8	6.40	18.1	6.40	17.0	6.46	15.2	6.58	14.8	6.62	12.0	6.60	11.6	6.94	10.3	6.89	9.7	6.89	6.2	6.82	
10	17.5	6.40	17.6	—	16.9	6.46	15.3	6.55	14.7	6.58	11.9	6.60	11.6	6.94	10.4	6.87	9.6	6.89	6.3	6.82	
20	17.2	6.51	17.1	6.71	16.8	7.07	15.2	6.60	14.6	6.67	12.1	6.62	11.5	6.94	9.7	6.83	9.4	6.91	6.4	6.82	

1934				
	12. XII		21. XII	
0	3.4	—	4.6	—
5	3.4	6.46	4.6	6.69
10	3.4	6.46	3.8	6.71
20	6.2	6.46	3.4	6.71

1929—1934

Viirelaid

$\varphi = 58^{\circ} 33'$ $\lambda = 23^{\circ} 26'$
V. Rattur; R. Johanson.

1929														
	1. II	1. III	11. III	21. III	1. IV	11. IV	21. IV	1. V	11. V	21. V				
0	-0.4	5.35	-0.2	5.16	-0.4	5.19	-0.2	5.16	0.2	4.98	-0.2	5.05	-0.2	5.08
5	-0.4	5.07	-0.2	5.10	-0.2	5.12	-0.2	5.14	-0.2	5.07	-0.2	5.05	0.0	4.89
10	—	—	-0.2	5.12	—	—	—	—	—	—	-0.2	5.07	0.0	5.07
20	—	—	—	—	—	—	—	—	—	—	—	—	0.0	4.98
1929														
	1. VI	11. VI	21. VI	1. VII	11. VII	21. VII	1. VIII	11. VIII	21. VIII	1. IX				
0	9.3	5.12	17.6	5.07	18.6	5.14	20.5	4.94	16.8	4.94	21.4	6.02	18.1	5.30
5	7.8	5.05	8.8	5.05	11.8	5.03	14.8	4.85	12.8	4.89	14.4	5.64	14.6	5.21
10	8.2	5.16	8.6	4.98	10.0	5.07	13.4	4.87	12.6	4.94	15.2	6.35	14.4	5.19
20	8.8	5.23	8.6	5.03	8.6	5.05	11.2	4.90	12.6	4.96	13.8	6.49	14.6	5.17
1929														
	11. IX	24. IX	1. X	13. X	21. X	1. XI	14. XI	1. XII	15. XII	21. XII				
0	12.6	5.99	12.8	5.10	12.4	5.21	11.6	5.19	9.0	5.25	7.8	5.03	7.4	4.96
5	12.6	6.02	12.6	5.14	12.6	5.32	11.4	5.23	9.0	5.32	7.8	5.01	7.0	5.16
10	12.0	6.20	12.6	5.17	12.6	5.34	11.4	5.25	8.8	5.30	8.0	5.05	7.0	5.17
20	12.9	6.49	12.6	5.21	12.6	5.35	11.2	5.21	8.8	5.34	8.0	5.05	7.0	5.35
1930														
	5. I	14. I	21. I	6. II	11. II	21. II	1. III	11. III	25. III	1. IV				
0	2.8	5.25	2.0	4.89	2.8	5.30	-0.4	5.08	-0.2	4.94	-0.2	4.98	0.0	5.16
5	2.8	5.23	2.6	5.14	2.8	5.28	-0.2	4.94	-0.2	4.89	-0.2	5.07	0.0	5.39
10	2.8	5.25	2.4	5.34	2.8	5.30	—	—	—	—	-0.2	5.08	0.0	5.13
20	2.8	5.25	2.2	5.39	2.6	5.30	—	—	—	—	—	—	0.6	5.17
1930														
	11. IV	21. IV	6. V	11. V	21. V	1. VI	12. VI	21. VI	1. VII	11. VII				
0	3.2	5.05	5.0	4.99	7.8	5.75	8.0	—	11.8	5.61	13.2	5.97	12.4	5.55
5	3.2	5.08	3.8	4.98	7.8	6.09	8.0	5.63	11.6	5.64	13.2	5.97	12.0	5.59
10	3.4	5.08	3.2	5.12	7.4	6.17	7.6	5.66	10.8	5.97	12.6	6.28	11.8	5.63
20	3.6	5.08	3.2	5.21	7.0	6.29	7.6	5.77	10.4	6.15	12.6	6.20	11.6	5.70

m	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$
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Viirelaid

1930																				
	23. VII		1. VIII		13. VIII		21. VIII		1. IX		11. IX		22. IX		1. X		13. X		21. X	
0	18.0	5.73	16.4	5.70	18.2	5.77	20.4	5.41	16.8	—	13.8	6.26	12.0	5.77	10.8	5.66	8.6	5.57	9.6	5.59
5	18.0	5.77	16.2	5.63	18.2	5.95	17.8	—	16.0	—	13.8	6.17	11.8	5.77	11.0	5.61	8.4	5.57	8.8	5.55
10	17.8	5.91	16.2	5.70	18.0	5.72	16.2	—	16.0	—	13.4	6.17	11.4	5.81	11.2	5.66	8.2	5.57	8.8	5.48
20	17.8	5.79	16.2	5.72	18.0	5.72	16.2	—	16.0	—	13.6	6.17	11.2	5.82	11.2	5.63	8.2	5.55	8.6	5.52
1930																				
	1. XI		11. XI		21. XI		2. XII		11. I		1. VII		11. VII		21. VII		1. VIII		11. VIII	
0	8.6	5.23	6.8	5.05	2.4	5.34	3.4	5.28	0.2	5.16	14.2	5.23	15.8	4.02	16.8	4.76	19.1	4.85	20.4	5.28
5	8.6	5.26	7.0	5.03	2.8	5.37	2.8	5.28	0.2	5.21	12.5	5.17	15.4	5.14	16.4	4.89	18.8	4.87	19.9	5.28
10	8.8	5.30	7.4	5.23	2.6	5.43	3.4	5.43	0.2	5.21	12.3	5.19	15.1	5.08	16.2	4.89	18.5	4.72	19.7	4.90
20	9.2	5.41	6.6	5.28	2.6	5.46	3.4	5.34	—	—	11.2	5.21	14.4	5.16	15.9	4.99	18.0	4.27	19.3	5.26
1931																				
	25. VIII		1. IX		11. IX		21. IX		1. X		11. X		21. X		1. XI		11. XI		21. XI	
0	18.0	5.35	15.0	5.32	13.7	3.98	12.8	4.49	11.1	5.07	6.8	4.89	4.5	5.16	1.7	4.54	4.6	6.73	1.5	5.14
5	17.7	5.43	13.2	5.43	13.5	5.12	12.8	4.33	10.6	4.85	6.8	5.01	4.3	4.42	1.7	4.67	4.6	7.09	1.6	4.61
10	17.5	5.17	13.0	4.80	13.1	4.80	12.6	4.70	10.5	5.23	6.6	5.30	4.0	4.16	1.5	4.34	4.4	6.26	1.7	5.07
20	17.0	5.45	12.7	4.69	13.0	4.90	12.3	4.94	10.2	5.23	6.2	5.08	3.7	4.89	1.4	4.22	4.3	5.95	1.9	5.93
1932																				
	1. III		1. VII		11. VII		21. VII		1. VIII		11. VIII		21. VIII		1. IX		11. IX		21. IX	
0	—0.5	5.99	18.0	5.46	21.7	5.66	19.8	5.23	19.9	5.95	19.2	5.25	17.9	5.91	14.6	5.12	13.8	5.35	12.3	5.10
5	—0.5	6.26	17.0	5.37	21.2	6.05	18.3	5.28	19.1	6.47	18.8	5.34	17.7	5.95	14.1	5.19	13.6	5.23	12.0	5.10
10	—0.4	6.22	16.8	5.41	20.2	6.15	14.0	5.32	16.8	5.88	18.5	5.45	17.4	6.28	13.2	5.21	13.2	5.28	11.6	5.10
20	0.0	6.24	14.2	5.30	12.8	—	9.6	5.37	12.1	7.57	17.8	6.78	17.0	5.91	13.1	5.19	13.0	5.30	11.4	5.10
1933																				
	21. II		1. III		11. III		11. VI		21. VI		1. VII		11. VII		21. VII		1. VIII		12. VIII	
0	—0.4	4.94	—0.2	5.08	—0.2	5.10	13.2	6.46	—	—	16.9	6.47	21.7	6.65	18.8	6.80	18.8	7.05	15.6	—
5	—0.4	5.12	—0.2	5.12	—0.2	5.08	11.2	6.55	13.3	5.88	15.5	6.58	20.1	6.58	18.2	6.83	18.7	7.09	15.6	6.98
10	—0.3	5.14	—0.1	5.17	—0.2	5.14	11.1	6.51	12.1	6.00	15.2	6.60	19.4	6.53	17.4	6.85	18.4	7.12	15.6	7.09
20	—0.2	5.14	—0.1	5.19	—0.1	5.19	10.0	6.51	11.2	5.99	14.8	6.64	18.8	6.65	16.2	6.94	17.8	7.21	15.1	7.20
1933																				
	21. VIII		1. IX		11. IX		21. IX		1. X		14. X		1. VII		11. VII		21. VII		1. VIII	
0	17.5	6.80	16.6	6.11	10.1	7.00	13.1	5.61	12.0	5.57	9.1	5.64	18.8	6.42	20.3	6.46	20.2	5.91	20.4	5.99
5	17.4	6.82	16.4	6.20	9.8	6.87	13.0	5.64	12.0	5.55	9.2	6.17	18.0	6.46	18.0	5.46	19.3	5.91	19.5	6.02
10	17.2	7.12	16.0	6.22	9.5	7.20	12.5	5.70	12.1	5.59	9.4	5.72?	17.8	6.47	17.2	6.51	18.5	6.19	18.8	6.02
20	16.8	7.21	15.6	6.26	9.0	6.85?	11.9	5.68	12.4	5.57	9.7	5.61?	16.8	6.46	16.8	6.40	15.1	6.33	15.3	5.99
1934																				
	11. VIII		21. VIII		1. IX		11. IX		22. IX		1. X		12. X		21. X		21. XI			
0	20.2	6.00	18.1	5.77	14.9	5.79	21.0	5.68	16.8	5.77	14.0	5.43	10.7	5.37	9.9	5.30	5.4	5.14		
5	19.7	6.00	17.8	6.00	14.3	5.79	20.5	5.68	16.2	5.79	13.6	5.39	10.1	5.39	9.1	5.35	6.3	5.26		
10	19.1	6.09	17.0	5.82	13.8	5.82	19.6	5.82	15.0	5.82	12.7	5.35	8.8	5.45	8.5	5.35	6.2	5.26		
20	16.2	6.33	15.8	5.90	12.9	5.90	17.4	5.82	14.3	5.81	10.6	5.41	6.9	5.45	7.8	5.45	6.5	5.26		

1) 14h; 2) 16h; 3) 12h; 4) 15h; 5) 9h; 6) 10h;

m	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$
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1929 — 1934 Tulelaev „Tallinn“. $\varphi = 59^{\circ} 43'$ $\lambda = 24^{\circ} 43' 5$
J. Komende; K. Tiismann. Das Leuchtschiff „Tallinn“.

1929																				
	1. I	11. I	21. I	11. V	21. V	1. VI	11. VI	21. VI	1. VII	11. VII										
0	2.6	5.86	2.6	5.88	1.4	5.95	2.3	5.91	3.2	5.32	5.7	5.68	6.8	5.03	12.2	5.12	14.4	4.74	11.3	5.30
5	3.4	5.90	2.6	5.91	1.4	5.82	2.4	5.88	2.6	5.45	5.6	5.14	6.6	5.03	10.8	5.14	11.8	4.76	11.0	5.43
10	3.6	5.90	2.8	5.88	1.1	5.86	0.7	5.88	2.3	5.45	4.8	4.98	6.5	5.08	9.8	5.16	12.0	4.87	10.6	5.45
20	3.6	5.91	2.6	5.88	1.4	5.86	0.6	6.22	2.5	5.75	2.6	5.70	5.3	5.43	6.2	5.70	6.4	5.34	10.8	5.57
1929																				
	21. VII	1. VIII	11. VIII	21. VIII	1. IX	11. IX	21. IX	1. X	11. X	21. X										
0	14.4	4.94	15.4	5.46	15.5	5.88	14.0	6.04	14.0	6.06	13.4	6.02	13.0	5.95	12.3	5.66	11.5	5.57	10.1	5.99
5	14.3	5.17	15.4	5.48	15.4	5.77	14.2	6.02	14.4	6.08	13.4	6.02	13.0	5.93	12.2	5.68	11.6	5.84	10.1	6.00
10	12.4	5.34	15.2	5.45	15.5	5.77	13.8	6.02	14.4	6.08	13.4	6.02	13.0	5.93	12.2	5.72	11.6	5.93	10.1	6.00
20	8.4	5.75	13.2	5.48	14.0	6.02	12.8	6.13	14.6	6.24	13.6	6.08	12.8	5.95	12.2	5.77	11.8	5.97	10.1	6.04
1929											1930									
	1. XI	11. XI	21. XI	1. XII	11. XII	21. XII	11. I	21. I	1. II	11. II										
0	9.1	5.90	8.4	5.95	7.4	5.84	6.5	5.52	6.6	5.97	5.6	5.64	4.4	5.61	4.2	5.54	3.1	5.61	1.7	5.73
5	9.1	5.90	8.2	5.97	7.4	5.86	6.6	5.52	6.6	5.90	5.5	5.59	4.4	5.61	4.2	5.48	3.1	5.61	1.7	5.75
10	9.0	5.86	8.4	6.08	7.4	5.86	6.6	5.52	6.6	5.93	5.5	5.63	4.4	5.61	4.2	5.48	3.1	5.61	1.8	5.77
20	9.0	5.88	8.4	6.00	7.4	5.88	7.2	5.91	6.6	5.90	5.6	5.64	4.4	5.70	4.2	5.48	3.2	5.70	1.4	5.86
1930																				
	21. II	1. III	11. III	21. III	1. IV	11. IV	21. IV	1. V	11. V	21. V										
0	0.2	4.90	0.6	5.25	1.0	5.43	0.5	5.72	1.5	5.79	3.0	5.30	2.4	5.23	4.4	5.12	4.4	5.52	8.0	5.01
5	0.2	4.70	0.6	5.23	1.0	5.43	0.5	5.77	1.4	5.70	2.4	5.48	2.4	5.63	3.8	5.17	4.4	5.46	7.8	5.03
10	0.2	4.72	0.6	5.21	1.0	5.52	0.5	5.68	1.4	5.72	2.1	5.59	2.4	5.82	3.4	5.37	4.6	5.54	8.4	5.26
20	1.0	5.30	0.6	5.21	1.0	5.55	0.6	—	1.4	5.75	1.8	5.64	1.3	5.86	2.4	5.90	3.6	5.81	3.0	5.95
1930																				
	1. VI	11. VI	21. VI	1. VII	11. VII	21. VII	1. VIII	21. VIII	1. IX	11. IX										
0	7.9	5.21	10.1	4.76	15.0	4.74	14.9	4.72	17.6	4.13	15.0	4.22	18.5	3.78	15.6	4.49	15.4	5.10	14.0	4.96
5	7.8	5.21	10.2	4.76	13.9	4.74	14.8	4.78	17.2	4.11	14.0	4.24	18.4	3.87	15.2	4.51	16.2	5.23	14.0	4.90
10	7.8	5.23	8.8	4.78	11.7	5.03	14.6	4.85	15.2	4.13	9.4	5.05	18.4	3.96	15.2	4.47	16.2	5.14	14.0	4.92
20	6.2	5.57	8.2	5.39	8.2	5.39	9.6	5.12	7.4	5.46	5.8	5.63	7.4	5.23	15.0	4.61	16.1	5.17	14.4	5.16
1930																				
	21. IX	1. X	11. X	21. X	1. XI	11. XI	21. XI	1. XII	11. XII	21. XII										
0	11.1	4.61	10.6	4.63	8.2	5.32	8.4	5.52	7.3	5.35	6.5	5.30	5.1	5.75	5.0	5.75	4.5	5.82	3.0	5.55
5	11.2	4.63	10.8	4.69	8.2	5.35	7.8	5.55	6.8	5.39	6.8	5.35	5.4	5.70	5.0	5.75	4.5	5.82	3.0	5.63
10	11.2	4.65	10.8	4.63	8.2	5.34	8.4	5.54	6.6	5.32	6.8	5.63	5.4	5.73	5.0	5.75	4.5	5.82	3.2	5.88
20	10.1	5.17	11.2	4.90	8.2	5.35	8.4	5.72	7.8	5.32	7.0	5.54	5.6	5.72	5.0	5.79	4.6	5.82	3.2	6.02
1931																				
	1. I	11. I	11. V	21. V	1. VI	11. VI	21. VI	1. VII	11. VII	21. VII										
0	2.0	6.17	1.6	6.37	3.8	5.70	6.1	5.10	6.3	5.43	7.1	5.97	9.6	5.68	11.4	5.97	13.2	5.88	15.0	5.70
5	1.8	6.17	1.6	6.29	3.6	5.75	5.9	5.10	6.4	5.45	7.2	5.66	9.5	5.68	11.2	5.91	12.0	5.90	14.8	5.81
10	1.8	6.17	2.4	6.35	3.2	5.81	5.9	5.41	6.2	5.48	5.7	5.61	8.8	5.68	11.0	5.91	11.6	5.86	14.4	5.77
20	2.8	6.19	1.8	6.35	0.2	6.58	4.6	6.13	6.0	6.11	6.7	5.70	8.2	5.79	10.8	5.99	11.4	5.97	9.8	5.88
1931																				
	1. VIII	11. VIII	21. VIII	1. IX	11. IX	21. IX	1. X	11. X	21. X	1. XI										
0	16.5	5.86	17.2	5.95	17.6	5.91	16.0	6.13	13.2	6.02	12.9	5.95	10.6	6.91	10.0	5.45	8.7	5.75	7.0	5.86
5	14.8	5.81	17.0	5.97	17.6	5.93	16.0	6.15	13.4	6.00	12.8	5.95	10.8	5.07	10.0	5.45	8.7	5.82	6.4	5.90
10	14.4	5.97	17.0	5.97	17.6	5.95	16.0	6.15	13.2	6.00	12.8	5.97	10.6	5.32	10.0	5.64	8.8	5.95	6.4	5.86
20	13.4	6.02	17.4	5.91	17.4	6.02	16.8	6.17	13.3	6.00	12.8	5.99	10.7	5.54	10.0	5.54	8.7	6.00	6.6	5.93

m	t°	S_{∞}°	t°	S_{∞}°	t°	S_{∞}°	t°	S_{∞}°	t°	S_{∞}°	t°	S_{∞}°	t°	S_{∞}°	t°	S_{∞}°
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Tulelaev „Tallinn“.

Das Leuchtschiff „Tallinn“.

	1931										1932									
	11. XI	21. XI	1. XII	11. XII	21. XII	1. I	11. I	21. I	1. II	11. V	1. I	11. I	21. I	1. II	11. V	1. I	11. I	21. I	1. II	11. V
0	6.6	5.97	5.8	6.08	4.7	6.24	3.4	5.95	2.5	5.66	1.2	5.81	1.2	6.04	1.3	6.11	1.1	6.09	2.0	5.77
5	6.6	6.00	5.8	6.11	4.7	6.24	3.4	5.97	2.4	5.66	1.4	5.88	1.2	6.04	1.2	6.11	1.2	6.08	2.0	5.66
10	6.6	6.00	5.8	6.13	4.7	6.22	3.4	5.90	2.5	5.68	1.8	5.99	1.2	6.06	1.2	6.11	1.2	6.08	1.8	5.79
20	6.6	6.04	5.9	6.17	4.8	6.26	3.4	5.95	3.0	6.20	2.1	6.02	1.2	6.06	1.2	6.08	1.1	6.08	1.1	5.81
	1932										1932									
	21. V	1. VI	11. VI	21. VI	1. VII	11. VII	21. VII	1. VIII	11. VIII	21. VIII	21. V	1. VI	11. VI	21. VI	1. VII	11. VII	21. VII	1. VIII	11. VIII	21. VIII
0	5.3	5.10	6.9	5.55	7.5	5.12	9.8	—	12.2	4.60	17.6	4.36	16.0	4.31	19.5	3.96	18.2	5.45	18.0	4.87
5	5.2	5.97	6.6	5.39	7.8	5.03	9.6	5.41	12.5	4.58	17.4	4.54	15.2	4.36	19.5	3.98	18.4	5.34	17.8	4.85
10	5.2	5.10	6.0	5.37	7.4	5.01	9.2	5.57	12.5	4.58	17.1	4.89	5.8	5.28	9.0	4.51	18.2	5.43	18.0	4.87
20	4.4	6.28	5.7	6.11	6.6	6.19	9.2	5.75	11.4	5.68	13.8	5.73	3.6	6.33	2.4	5.88	18.0	6.04	5.8	6.04
	1932										1932									
	1. IX	11. IX	21. IX	1. X	11. X	21. X	1. XI	11. XI	21. XI	1. XII	1. IX	11. IX	21. IX	1. X	11. X	21. X	1. XI	11. XI	21. XI	1. XII
0	16.9	5.34	15.7	5.77	13.8	6.00	11.0	5.93	10.6	6.17	9.5	5.99	8.4	6.15	7.2	5.54	5.8	5.72	5.9	5.84
5	17.0	5.28	15.8	5.81	13.4	6.04	11.2	—	10.6	6.24	9.5	6.09	8.4	6.15	7.3	5.59	5.8	5.81	5.8	5.91
10	17.0	5.34	15.7	5.75	13.9	6.00	11.3	5.84	10.6	6.15	9.5	6.04	8.4	6.17	7.3	5.59	5.8	5.68	6.0	5.84
20	17.1	5.66	15.4	5.82	13.8	6.06	11.6	5.93	10.6	6.17	8.1	6.06	8.4	6.15	7.6	6.00	6.2	5.66	6.2	5.82
	1932										1933									
	11. XII	21. XII	1. I	11. I	21. I	1. II	11. II	21. IV	1. V	11. V	11. XII	21. XII	1. I	11. I	21. I	1. II	11. II	21. IV	1. V	11. V
0	4.9	5.73	4.6	5.79	4.6	5.88	3.5	5.88	2.4	6.06	0.9	5.66	0.8	5.79	1.2	5.57	3.2	—	3.6	5.43
5	5.0	5.73	4.6	5.77	4.6	5.86	3.8	5.86	2.4	6.00	0.9	5.70	0.8	5.86	1.3	5.52	3.0	5.43	3.6	5.35
10	5.0	5.73	4.6	5.77	4.6	5.86	3.8	5.91	2.3	6.02	0.9	5.68	0.8	5.77	1.5	5.61	2.2	5.45	3.6	5.41
20	5.0	5.84	4.6	5.82	4.7	5.91	1.6	6.02	2.5	6.04	1.0	5.82	0.9	5.81	1.2	5.66	1.7	5.50	3.6	5.41
	1933										1933									
	21. V	1. VI	11. VI	21. VI	1. VII	11. VII	21. VII	1. VIII	11. VIII	21. VIII	21. V	1. VI	11. VI	21. VI	1. VII	11. VII	21. VII	1. VIII	11. VIII	21. VIII
0	4.4	5.57	8.3	5.77	15.5	4.60	6.9	5.23	13.0	4.27	18.9	4.40	16.5	5.08	16.6	5.37	16.0	5.75	15.3	5.37
5	4.0	5.57	8.2	5.73	9.3	4.69	6.9	5.25	13.4	4.27	14.4	4.90	15.8	5.10	16.6	5.41	16.0	5.73	14.8	5.48
10	3.6	5.57	6.0	6.09	7.7	4.90	6.8	5.26	9.8	5.54	13.2	5.05	14.8	5.23	16.4	5.46	16.0	5.75	14.3	5.63
20	3.2	5.91	6.0	6.31	4.4	5.61	4.6	5.84	8.4	5.54	9.4	5.63	14.6	5.32	16.3	5.48	15.8	5.79	10.4	5.72
	1933										1933									
	1. IX	11. IX	21. IX	1. X	11. X	21. X	1. XI	11. XI	21. XI	1. XII	1. IX	11. IX	21. IX	1. X	11. X	21. X	1. XI	11. XI	21. XI	1. XII
0	15.2	4.81	12.4	4.52	10.1	5.08	11.9	4.76	10.3	5.10	9.0	5.48	7.7	5.77	6.8	5.79	4.9	5.55	4.2	5.70
5	15.6	4.85	12.8	4.63	10.0	5.10	12.0	4.81	10.0	5.12	9.1	5.50	7.8	5.81	6.8	5.79	5.0	5.50	4.2	5.64
10	15.2	4.85	12.8	4.52	10.0	5.12	12.0	4.87	10.0	5.14	9.1	5.46	7.8	5.77	6.8	5.77	5.2	5.59	4.3	5.68
20	15.2	4.99	10.0	4.96	9.8	5.23	12.0	4.96	10.0	5.17	9.1	5.54	7.7	5.79	6.8	5.77	5.4	5.66	4.2	5.90
	1933										1934									
	11. XII	21. XII	1. I	11. I	21. I	1. II	11. II	1. V	11. V	21. V	1. I	11. I	21. I	1. II	11. II	1. V	11. V	21. V	1. VI	11. VI
0	3.3	5.73	2.1	5.86	1.0	6.20	0.4	6.13	0.4	6.20	0.3	6.28	2.4	6.08	3.6	6.13	5.4	5.93	6.8	6.00
5	3.4	5.77	2.0	5.97	1.0	6.22	0.6	6.08	0.4	6.22	0.3	6.26	2.2	6.09	3.6	—	5.4	5.93	7.4	6.08
10	3.4	5.73	2.0	5.93	1.0	6.20	0.6	6.20	0.4	6.20	0.4	—	2.0	6.08	3.6	6.15	4.6	6.06	8.0	6.15
20	3.4	5.79	2.6	6.15	1.0	6.19	0.7	6.22	0.4	6.22	0.4	6.31	1.8	6.24	3.0	6.15	2.3	6.24	6.4	6.20
	1934										1934									
	11. VI	21. VI	1. VII	11. VII	21. VII	1. VIII	11. VIII	21. VIII	1. IX	11. IX	11. VI	21. VI	1. VII	11. VII	21. VII	1. VIII	11. VIII	21. VIII	1. IX	11. IX
0	10.8	5.95	11.2	5.37	16.7	5.14	15.5	5.48	14.0	5.46	10.3	5.72	18.4	4.04	17.4	4.76	16.8	4.89	15.0	5.21
5	10.6	5.97	11.1	5.48	14.7	5.86	15.8	5.45	13.8	5.50	9.8	5.64	18.2	4.04	17.4	5.05	16.8	5.26	13.1	5.63
10	10.2	—	10.9	5.54	12.6	5.86	13.2	5.73	9.8	5.72	9.4	5.73	14.4	5.72	17.2	5.16	16.8	5.32	11.5	5.86
20	6.8	6.22	8.0	5.84	14.8	6.02	6.0	6.26	4.0	6.47	3.2	6.55	11.6	6.22	16.8	5.39	12.0	5.75	5.8	6.51

m	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$
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Tulelaev „Tallinn“.

Das Leuchtschiff „Tallinn“.

1934																		
	21. IX	1. X	11. X	21. X	1. XI	11. XI	21. XI	1. XII	11. XII	21. XII								
0	15.5	5.07	14.6	4.90	13.4	6.00	10.8	5.86	9.3	5.90	9.5	6.08	8.5	6.08	6.5	6.08	5.7	6.00
5	15.6	—	14.6	5.59	13.6	5.99	11.0	5.90	9.6	5.93	9.4	6.11	8.6	6.15	6.6	6.11	5.6	6.02
10	15.4	—	14.6	4.99	13.6	5.97	11.0	5.91	9.6	5.99	9.4	6.11	8.6	6.15	6.6	6.04	5.7	6.02
20	6.0	5.39	14.7	5.39	13.6	5.99	11.1	5.93	9.8	6.02	9.4	6.13	8.8	6.17	6.6	6.04	5.8	6.04

1929—1934 Tulelaev „Hiiumadal“. $\varphi = 59^{\circ}05'.5$ $\lambda = 22^{\circ}12'$ Das Leuchtschiff „Hiiumadal“.
J. Kaev.

1929																		
	1. I	11. I	21. I	1. V	11. V	21. V	1. VI	11. VI	21. VI	1. VII								
0	3.8	6.94	2.6	6.40	1.0	6.73	1.2	6.85	3.0	6.93	3.5	6.51	4.0	6.51	6.4	6.64	11.4	6.47
5	4.4	6.94	2.8	6.40	1.6	6.73	1.0	6.89	2.6	6.91	4.2	6.67	3.8	6.64	5.0	6.78	11.2	6.51
10	4.4	6.98	2.8	6.58	1.6	6.69	1.0	6.87	2.6	6.91	2.8	6.83	3.6	6.65	4.8	6.71	10.6	6.53
20	4.6	6.96	3.0	6.83	1.6	6.80	0.8	6.91	1.8	6.94	2.2	6.85	3.0	6.69	5.6	6.85	10.4	6.80
30	4.8	—	3.0	6.85	2.4	7.38	0.8	6.89	1.8	6.96	0.2	7.02	1.6	7.02	5.6	6.85	6.2	6.80

1929																		
	11. VII	21. VII	1. VIII	11. VIII	21. VIII	1. IX	11. IX	21. IX	1. X	11. X								
0	9.5	6.74	13.4	6.33	14.5	6.71	16.0	6.69	15.2	6.65	15.0	6.64	12.9	6.51	13.6	6.65	12.5	6.64
5	9.2	6.71	12.6	6.64	14.2	6.67	15.8	6.69	15.4	6.73	14.8	6.62	13.2	6.51	13.6	6.82	12.6	6.64
10	9.2	6.71	11.0	6.64	13.8	6.73	14.2	6.76	15.2	6.73	14.6	6.69	13.2	6.51	13.6	6.62	12.6	6.58
20	9.2	6.78	7.8	6.82	12.5	6.78	13.2	6.80	15.0	6.76	14.6	6.69	11.4	6.83	13.6	6.56	12.6	6.60
30	9.0	6.65	7.6	6.80	11.8	6.74	12.5	6.83	15.0	6.78	14.6	6.69	10.8	6.93	13.6	6.69	12.6	6.71

1929																		
	21. X	1. XI	11. XI	21. XI	1. XII	11. XII	21. XII	1. I	11. I	21. I								
0	9.5	6.64	9.0	6.69	9.0	6.78	6.8	6.15	7.8	6.78	7.0	6.89	6.5	6.58	5.5	6.87	4.6	6.80
5	9.8	6.71	9.2	—	9.0	6.78	6.8	6.29	8.0	6.82	7.2	6.85	6.6	6.58	5.6	6.83	4.6	6.76
10	9.8	6.65	9.2	6.73	9.0	6.70	7.2	6.49	8.0	6.85	7.4	6.71	6.8	6.55	5.6	6.74	4.6	6.80
20	9.8	6.64	9.2	6.83	9.0	6.80	7.6	6.76	8.0	6.98	7.4	6.83	6.8	6.74	5.6	6.91	4.6	6.85
30	9.8	6.65	9.2	6.71	8.8	6.85	8.4	6.78	8.0	6.91	7.6	6.87	7.0	6.80	5.6	6.91	4.6	6.87

1930																		
	1. II	11. II	21. II	1. III	11. III	21. III	1. IV	11. IV	21. IV	1. V								
0	1.5	6.58	2.2	6.71	2.2	6.51	1.8	6.28	2.4	6.28	2.0	6.74	2.5	6.56	5.4	6.49	3.6	6.49
5	3.2	6.62	0.4	6.60	2.4	6.46	1.6	6.08	2.4	6.24	2.2	6.67	2.5	6.69	4.0	6.62	3.6	6.47
10	3.0	6.73	0.4	6.60	2.4	6.46	1.6	6.08	2.6	6.49	2.2	6.67	2.5	6.71	4.0	6.64	3.4	6.73
20	3.0	6.74	1.0	6.64	3.4	6.73	1.8	6.08	2.8	6.47	2.2	6.78	2.5	6.64	3.8	6.76	3.4	6.80
30	3.0	6.74	3.4	7.32	4.2	6.94	1.8	6.08	2.8	6.47	2.2	6.73	2.5	6.76	3.0	6.83	3.4	6.82

1930																		
	11. V	21. V	1. VI	11. VI	21. VI	1. VII	11. VII	21. VII	1. VIII	11. VIII								
0	5.3	6.19	9.8	6.26	9.2	6.26	9.5	5.63	16.5	5.59	15.4	5.77	17.5	5.93	15.3	5.91	19.0	6.15
5	5.2	6.22	8.6	6.44	9.0	6.28	9.4	5.61	15.2	5.59	15.2	5.79	13.6	6.00	15.0	5.90	18.0	6.15
10	4.4	6.51	8.6	6.55	9.0	6.31	9.6	5.84	13.4	5.90	11.8	6.00	9.0	6.33	11.4	5.90	16.0	6.28
20	4.8	6.73	4.8	6.62	5.6	6.62	9.8	6.19	5.2	6.62	8.6	6.35	7.6	6.51	6.6	6.53	13.8	6.49
30	5.4	6.76	4.6	6.74	3.6	6.93	9.8	5.90	4.4	6.73	4.0	6.91	7.6	6.51	6.0	6.64	11.2	6.38

m	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$
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Tulelaev „Hiimadal“.

Das Leuchtschiff „Hiimadal“.

1930																		
	1. IX	11. IX	21. IX	1. X	11. X	21. X	1. XI	11. XI	21. XI	1. XII								
0	15.8	6.31	13.0	6.33	11.3	6.49	10.6	6.22	8.5	6.69	9.6	6.85	8.9	6.51	8.6	7.18	6.3	6.71
5	16.2	6.38	13.0	6.31	11.2	6.38	11.2	6.35	8.6	6.67	9.6	6.85	9.0	6.73	8.8	6.97	6.6	6.80
10	16.0	6.31	12.4	6.42	11.2	6.44	11.2	6.37	8.6	6.58	9.6	6.80	9.2	6.87	8.8	7.02	6.6	6.93
20	15.8	6.64	11.2	6.73	10.8	6.47	11.0	6.47	8.6	6.67	9.4	6.74	9.2	6.67	8.8	7.00	6.6	6.80
30	12.0	6.64	10.4	6.64	10.0	6.82	10.0	6.83	8.6	6.71	9.4	6.71	9.0	6.76	8.8	7.41	7.4	7.05
1930 1931																		
	21. XII	1. I	11. I	21. I	1. V	11. V	21. V	1. VI	11. VI	21. VI								
0	1.8	6.87	1.6	6.83	1.6	6.93	0.3	7.00	3.3	7.00	3.5	6.87	5.5	6.60	5.5	6.85	9.0	6.67
5	1.6	7.25	2.6	6.85	1.6	7.05	—	6.80	3.0	6.98	3.2	6.73	5.4	6.62	5.2	6.85	7.6	6.69
10	1.6	6.76	2.6	6.93	1.6	6.89	—	7.03	2.6	7.12	1.8	6.82	4.2	6.85	5.2	6.85	7.4	6.69
20	1.4	7.00	2.6	6.87	1.6	6.94	—	7.03	1.6	7.14	1.2	6.98	4.2	6.85	3.8	6.89	2.0	7.07
30	1.4	6.78	2.6	6.87	1.6	6.94	—	7.14	1.2	7.34	1.2	7.32	4.2	7.00	3.0	7.07	2.0	7.11
1931																		
	1. VII	11. VII	21. VII	1. VIII	11. VIII	21. VIII	1. IX	11. IX	21. IX	1. X								
0	11.8	6.67	13.6	6.62	14.3	6.56	16.2	6.65	16.5	6.60	17.5	6.71	15.0	6.49	13.5	6.58	12.2	6.53
5	11.2	6.89	13.6	6.58	14.2	6.56	16.2	6.58	16.4	6.60	17.6	6.53	14.8	6.49	13.4	—	12.4	6.49
10	10.6	6.69	13.6	6.60	14.2	6.58	16.2	6.67	16.2	6.60	17.5	6.58	14.8	6.47	13.4	6.69	12.4	6.47
20	10.6	6.73	13.6	6.60	13.2	6.58	13.2	6.69	16.2	6.62	16.8	6.58	12.4	6.51	13.2	6.58	9.4	6.73
30	10.4	6.74	13.4	6.60	13.0	6.65	11.3	6.93	16.2	6.65	16.8	6.62	11.0	6.65	13.2	6.60	4.0	7.25
1931 1932																		
	11. X	21. X	1. XI	11. XI	21. XI	1. XII	11. XII	21. XII	1. I	11. I								
0	9.4	6.62	8.2	6.71	6.4	6.76	6.2	6.78	5.2	—	2.5	6.74	4.0	6.82	2.6	6.74	1.9	6.98
5	9.4	6.71	8.0	6.87	6.4	6.76	6.2	5.41 ?	5.0	6.78	3.0	6.74	3.2	6.82	2.6	6.71	2.6	6.98
10	9.4	6.62	8.0	6.67	6.4	6.76	6.2	6.33	5.0	6.89	3.0	6.74	3.2	6.80	2.6	6.62	2.6	6.94
20	9.2	6.64	8.0	6.46	6.8	6.78	6.2	6.83	5.0	6.93	3.4	6.85	3.4	6.80	2.8	6.74	2.8	6.98
30	9.2	6.64	8.2	6.78	7.0	6.74	6.2	6.69	5.0	6.85	3.4	6.80	3.4	6.83	4.0	7.34	3.0	7.02
1932																		
	21. I	1. II	11. II	21. IV	1. V	11. V	21. V	1. VI	11. VI	21. VI								
0	2.0	6.98	1.5	6.73	0.0	6.76	1.2	7.09	2.6	6.94	2.5	6.96	5.3	6.56	7.6	6.55	7.5	—
5	2.0	6.94	1.4	6.74	0.6	6.76	1.0	7.07	2.4	6.98	2.4	6.98	5.0	6.60	7.4	6.60	7.6	6.83
10	2.0	7.00	1.4	6.65	0.6	6.80	1.0	7.07	2.2	7.02	2.4	6.94	5.0	6.80	6.4	6.78	6.6	6.85
20	2.0	6.89	1.4	6.60	0.8	7.00	0.8	7.18	2.0	7.00	2.4	6.96	4.4	6.91	3.6	7.00	6.0	6.93
30	2.0	6.94	1.4	6.71	3.0	—	0.8	7.11	2.0	7.25	2.4	6.98	3.4	6.96	1.8	7.03	6.0	6.98
1932																		
	1. VII	11. VII	21. VII	1. VIII	11. VIII	21. VIII	1. IX	11. IX	21. IX	1. X								
0	13.6	6.40	17.7	6.24	18.2	6.46	19.8	6.37	18.0	6.60	17.0	6.64	16.5	5.79	15.5	6.64	14.5	6.76
5	11.8	6.42	17.6	6.19	17.4	6.42	19.8	6.40	18.3	6.65	17.6	6.73	16.6	5.81	15.6	6.69	15.0	6.76
10	11.6	6.51	11.8	6.62	13.0	6.80	18.8	6.60	18.0	6.60	17.6	6.65	16.6	5.99	15.6	6.60	15.0	6.76
20	7.6	6.85	6.6	6.91	5.2	6.96	7.4	6.85	7.6	6.80	16.2	6.67	6.6	6.91	15.6	6.47	14.8	6.73
30	4.2	7.07	4.2	7.07	2.8	7.09	7.4	6.91	7.2	6.87	13.2	6.76	6.2	6.94	15.4	6.56	14.8	6.74
1932																		
	11. X	21. X	1. XI	11. XI	21. XI	1. XII	11. XII	21. XII	1. I	11. I								
0	11.5	6.69	10.6	6.64	7.0	6.44	8.8	6.69	6.8	6.73	7.0	6.85	5.6	6.56	5.5	6.74	5.0	6.62
5	11.0	6.69	11.0	6.64	8.4	6.44	8.8	6.69	7.2	6.71	7.0	6.87	5.6	6.47	5.8	6.73	5.2	6.65
10	11.0	6.65	11.0	6.64	8.4	6.47	8.8	6.64	7.2	6.71	7.0	6.93	5.6	6.53	5.4	6.76	5.2	6.64
20	10.8	6.67	11.0	6.69	8.4	6.44	8.8	6.69	7.2	6.76	7.0	6.80	5.6	6.46	6.6	6.71	5.2	6.65
30	10.8	6.69	11.0	6.65	8.6	6.62	9.0	6.69	7.2	6.78	7.0	—	5.4	6.44	6.0	6.74	5.2	6.62

Tulelaev „Hiiumadal“.

Das Leuchtschiff „Hiiumadal“.

<i>m</i>	<i>t</i> [°]	<i>S</i> ^{0/00}	<i>t</i> [°]	<i>S</i> ^{0/00}	<i>t</i> [°]	<i>S</i> ^{0/00}	<i>t</i> [°]	<i>S</i> ^{0/00}	<i>t</i> [°]	<i>S</i> ^{0/00}	<i>t</i> [°]	<i>S</i> ^{0/00}	<i>t</i> [°]	<i>S</i> ^{0/00}	<i>t</i> [°]	<i>S</i> ^{0/00}
1933																
	21. I	1. II	11. II	21. II	11. III	21. III	1. IV	11. IV	21. IV	1. V						
0	1.4	6.80	1.0	6.65	2.0	6.80	0.8	6.69	0.8	6.67	0.0	6.78	1.4	6.65	1.8	6.64
5	2.6	6.73	1.8	6.64	2.0	6.58	1.8	6.73	0.6	6.69	0.6	6.73	1.4	6.65	1.8	6.54
10	2.2	6.82	1.8	6.60	2.0	6.73	1.8	6.71	0.6	6.71	0.6	6.74	1.4	—	1.8	6.60
20	2.4	6.82	1.8	6.64	2.0	6.82	1.8	6.73	0.0	6.87	0.6	6.74	1.2	—	1.8	6.60
30	2.6	6.78	1.4	6.67	2.0	6.74	2.8	6.83	0.0	6.87	0.6	6.76	1.2	—	1.4	6.78
1933																
	11. V	21. V	1. VI	11. VI	21. VI	1. VII	11. VII	21. VII	1. VIII	11. VIII						
0	3.5	6.40	4.4	6.67	8.3	6.55	11.6	6.22	7.0	—	11.3	5.91	16.8	5.77	16.0	6.20
5	3.4	6.46	4.6	6.55	7.0	6.73	10.2	6.24	6.8	6.62	7.6	6.71	16.2	5.77	15.8	6.29
10	3.2	6.53	4.4	6.56	4.6	6.65	7.6	6.47	6.6	6.60	6.2	6.69	8.2	6.33	15.6	6.33
20	2.0	6.65	3.6	6.58	2.6	6.76	4.2	6.56	3.4	6.85	5.2	6.83	4.4	6.89	15.4	6.29
30	2.0	6.78	3.2	6.64	2.6	6.80	3.0	7.03	3.2	6.85	4.8	6.83	4.0	6.78	15.2	6.29
1933																
	21. VIII	1. IX	11. IX	21. IX	1. X	11. X	21. X	1. XI	11. XI	21. XI						
0	16.5	6.09	13.5	6.28	9.0	6.29	6.5	6.96	9.4	6.15	8.2	6.37	8.0	6.49	7.4	6.53
5	16.2	6.65	13.4	6.38	9.2	6.33	6.2	6.93	9.8	6.15	9.2	6.33	8.0	6.44	7.2	6.49
10	16.0	6.22	13.2	6.42	9.0	6.31	5.2	7.14	8.2	6.73	9.2	6.37	8.0	6.46	7.2	6.51
20	15.8	—	13.2	6.46	4.4	7.00	5.2	7.41	7.6	6.87	8.6	6.51	8.0	6.49	7.0	6.51
30	15.6	6.42	13.2	6.46	4.0	7.18	2.4	7.68	7.0	6.91	8.4	6.55	6.6	6.82	7.0	6.55
1933																
	1. XII	11. XII	21. XIII	1. I	1. II	11. II	21. II	1. III	11. III	21. III						
0	4.2	6.49	3.5	6.46	2.0	6.53	0.0	6.49	0.5	6.67	1.0	6.53	0.4	6.51	0.0	6.64
5	4.4	6.46	3.8	6.20	2.2	6.49	0.2	6.53	1.4	6.64	0.2	6.49	0.4	6.53	0.4	6.65
10	4.4	6.46	3.8	6.46	2.2	6.47	0.0	6.56	1.4	6.64	0.2	6.49	0.4	6.53	0.4	6.64
20	4.4	6.49	3.8	6.53	2.0	6.53	0.0	6.58	1.4	6.67	0.2	6.62	0.4	6.51	0.4	6.64
30	4.4	6.60	3.6	6.53	2.0	6.53	0.0	6.60	1.4	6.64	0.4	6.56	0.4	6.49	0.4	6.65
1934																
	1. IV	11. IV	21. IV	1. V	11. V	21. V	1. VI	11. VI	21. VI	1. VII						
0	1.0	6.64	1.1	6.71	2.8	6.78	4.8	6.76	6.2	6.80	7.8	6.74	7.2	6.51	9.6	6.47
5	1.0	6.83	1.2	6.71	2.6	6.76	4.0	6.74	6.2	6.73	7.6	6.73	7.2	6.56	9.6	6.55
10	1.0	6.78	1.2	6.71	2.6	6.83	4.0	6.76	6.2	6.85	7.6	6.74	7.2	6.53	9.0	6.58
20	1.0	6.76	1.2	6.73	2.6	6.83	4.0	6.80	5.4	6.82	7.2	6.71	4.2	6.83	6.8	6.82
30	1.6	7.07	—	—	2.8	6.83	2.2	6.87	3.4	6.96	7.0	6.78	3.0	7.00	3.8	6.80
1934																
	11. VII	21. VII	1. VIII	11. VIII	21. VIII	1. IX	11. IX	21. IX	1. X	11. X						
0	13.8	6.29	15.6	6.33	17.0	6.38	17.4	6.38	17.4	6.42	17.2	6.62	17.2	6.60	16.7	6.17
5	13.8	6.29	15.0	6.38	17.0	6.29	15.8	6.47	17.4	6.31	17.4	6.65	17.0	6.56	17.0	6.08
10	12.8	6.37	4.6	6.76	14.6	5.97	9.8	6.60	17.4	6.31	17.2	6.62	16.2	6.58	16.8	6.02
20	3.0	7.02	4.6	6.89	5.6	6.67	4.8	6.76	17.4	6.38	17.2	6.62	15.8	6.64	16.0	6.28
30	2.8	7.00	3.4	6.91	3.8	6.80	4.8	6.74	17.6	6.47	17.0	6.56	12.6	—	15.6	6.37
1934																
	21. X	1. XI	11. XI	21. XI	1. XII	11. XII	21. XII									
0	12.8	6.67	11.2	6.82	10.0	6.65	8.5	6.73	7.0	6.51	6.6	6.76	5.4	6.83		
5	12.8	6.38	11.6	6.74	10.0	6.71	9.2	6.71	7.4	6.53	7.0	6.69	6.2	6.80		
10	12.8	6.65	11.6	6.71	10.0	6.71	9.2	6.73	7.4	6.53	7.0	6.69	6.2	6.85		
20	12.8	6.65	11.6	6.71	9.8	6.71	9.0	6.78	7.4	6.56	7.0	6.69	6.2	6.82		
30	12.8	6.67	11.6	6.71	9.6	6.62	8.8	6.78	6.8	7.14	7.0	6.73	5.2	6.82		

m	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$	t°	$S^{\circ}/_{00}$
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1932—1934 Vaindlo

 $\varphi = 59^{\circ} 49'$ $\lambda = 26^{\circ} 20'$
A. Ohov.

1932										1933										
	21. IX	12. X	1) 21. X	2. XI	1) 21. XI	12. XII	2. I	11. I	1. II	21. II		2. I	11. I	1. II	21. II		2. I	11. I	1. II	21. II
0	12.8	5.55	10.3	5.59	8.6	4.94	7.7	5.26	4.1	5.26	3.8	5.14	3.2	5.45	2.0	5.28	0.5	5.61	-0.2	5.30
5	13.0	5.63	10.2	5.55	9.4	5.16	8.0	5.23	5.0	5.28	4.4	5.20	3.6	5.28	2.8	5.45	1.6	5.68	-0.2	5.28
10	12.9	5.55	10.3	5.57	9.4	5.19	8.2	5.26	5.0	5.28	4.5	5.26	3.8	5.32	2.9	5.45	1.7	5.68	-0.1	5.32
20	13.2	5.61	10.3	5.59	9.3	4.99	8.3	5.28	5.5	5.30	4.6	5.26	3.8	5.32	3.0	5.39	1.8	5.66	0.2	5.48
30	13.4	5.55	10.4	5.54	9.3	4.85	8.2	5.57	5.8	5.32	4.6	5.30	3.5	5.28	3.2	—	1.9	5.70	0.7	5.55
40	13.0	5.59	10.3	5.64	9.3	5.72	8.0	5.63	5.8	5.32	4.7	—	3.2	5.32	3.4	5.48	2.1	5.73	—	—
50	—	—	10.2	6.00	9.3	5.79	6.6	5.99	5.9	5.26	4.8	5.26	3.0	5.37	3.6	5.52	2.6	5.61	—	—
1933										1934										
	11. III	21. III	2. IV	11. IV	21. IV	3. V	15. V	21. V	1. VI	11. VI		15. V	21. V	1. VI	11. VI		15. V	21. V	1. VI	11. VI
0	0.1	5.21	-0.1	5.07	0.8	4.76	1.1	4.04	0.3	—	5.6	—	6.2	10.0	16.0	—	5.6	—	6.2	10.0
5	0.1	5.37	0.0	5.28	0.5	4.76	-0.4	4.52	0.3	—	3.0	4.5	5.2	6.0	8.1	—	3.0	4.5	5.2	6.0
10	0.0	5.32	0.1	5.23	0.5	4.74	-0.4	4.52	0.2	—	2.9	3.8	5.0	5.1	6.0	—	2.9	3.8	5.0	5.1
20	0.2	5.59	0.3	5.37	0.3	4.92	0.1	4.56	0.6	—	1.8	1.6	4.8	2.7	2.9	—	1.8	1.6	4.8	2.7
30	0.4	5.63	0.6	5.45	0.0	5.21	0.3	5.19	1.0	—	2.2	0.3	3.5	2.4	1.2	—	2.2	0.3	3.5	2.4
40	0.8	5.35	1.0	5.39	0.5	5.50	0.7	5.88	1.4	—	2.4	1.0	1.0	2.0	2.2	—	2.4	1.0	1.0	2.0
50	1.2	5.39	1.6	5.37	1.4	5.59	0.4	6.19	1.8	—	2.9	1.8	2.0	2.7	3.6	—	2.9	1.8	2.0	2.7
1933										1934										
	21. VI	1. VII	21. VII	1. VIII	12. VIII	21. VIII	1. IX	12. IX	23. IX	1. X		1. IX	12. IX	23. IX	1. X		1. IX	12. IX	23. IX	1. X
0	12.3	—	13.2	—	16.8	17.4	16.6	15.9	13.9	12.4	4.60	15.6	14.2	14.2	12.6	4.60	15.6	14.2	14.2	12.6
5	10.1	—	11.8	—	17.0	17.0	16.7	15.6	14.2	11.8	4.67	15.1	14.2	14.2	12.6	4.67	15.1	14.2	14.2	12.6
10	5.2	—	7.0	—	14.3	16.5	16.0	15.1	14.2	11.8	4.65	15.0	14.2	14.2	12.6	4.65	15.0	14.2	14.2	12.6
20	6.8	—	3.2	—	3.6	13.9	15.5	14.2	14.0	11.8	4.65	15.0	14.2	14.0	12.0	4.65	15.0	14.2	14.0	12.0
30	5.6	—	1.9	—	2.4	6.6	15.3	9.2	8.2	11.8	4.0	7.3	5.01	7.8	5.48	4.0	7.3	5.01	7.8	5.48
40	2.8	—	2.2	—	2.3	4.5	14.2	4.7	7.3	4.0	5.05	6.13	4.0	5.90	4.0	5.05	6.13	4.0	5.90	4.0
50	3.2	—	2.9	—	2.8	3.0	5.4	4.3	5.1	3.8	5.95	6.19	3.6	6.60	3.8	5.95	6.19	3.6	6.60	3.8
1933										1934										
	15. X	21. X	1) 1. XI	11. XI	21. XI	2. XII	21. XII	1. I	10. I	8. II		1. I	10. I	8. II		1. I	10. I	8. II		
0	8.9	—	8.3	5.03	7.6	5.25	3.1	5.07	2.9	5.37	1.1	5.43	-0.3	5.43	-0.1	5.41	-0.4	5.50	-0.4	
5	10.0	5.01	9.0	5.03	6.8	5.34	4.5	5.25	3.1	5.63	1.1	5.43	-0.2	5.48	-0.5	5.41	-0.9	5.52	-0.9	
10	10.0	5.01	8.9	5.03	7.6	5.25	4.5	5.30	3.2	5.37	1.3	5.48	-0.2	5.57	-0.4	5.45	-0.9	5.52	-0.9	
20	10.0	5.01	8.9	5.17	6.2	5.72	4.3	5.34	3.7	5.39	1.8	5.48	-0.2	5.68	-0.3	5.41	-0.9	5.52	-0.9	
30	7.3	5.07	7.7	5.90	6.0	5.23	4.2	5.30	3.8	5.41	1.5	5.52	0.2	5.66	-0.1	5.41	-0.9	5.63	-0.9	
40	7.3	5.07	3.8	7.07	4.5	6.11	3.8	5.26	3.8	6.74	1.5	5.50	1.8	5.84	0.4	5.55	—	—	—	
50	6.7	5.79	3.8	6.55	4.0	6.09	5.1	5.25	3.8	5.32	4.9	6.80	2.2	5.61	1.2	5.70	—	—	—	
1934										1934										
	22. II	1. III	11. III	21. III	1. IV	11. IV	21. IV	1. V	11. V	21. V		1. V	11. V	21. V		1. V	11. V	21. V		
0	-0.4	5.66	-0.5	5.70	-0.4	6.38	-0.3	3.17?	0.3	—	-0.1	4.54	—	6.4	5.50	6.3	5.50	5.1	5.32	
5	-0.9	5.66	-0.9	5.75	-0.9	5.57	-0.5	5.59	-0.6	5.72	-0.1	5.54	1.4	5.48	2.9	5.41	3.8	5.26	—	
10	-0.9	5.68	-0.9	5.73	-0.9	5.77	-0.6	5.66	-0.6	5.61	-0.1	5.52	1.4	5.59	2.9	5.45	3.5	5.25	—	
20	-0.9	5.77	-0.9	5.77	-0.9	5.77	-0.8	5.68	-0.7	5.63	-0.5	5.61	-0.1	5.54	1.2	5.48	2.9	5.54	2.5	
30	-0.9	5.70	-0.9	5.61	-0.9	5.79	-0.6	5.70	-0.5	5.72	-0.5	5.61	-0.2	5.52	0.6	5.61	2.8	5.54	2.2	
40	-0.9	5.77	—	—	-0.8	5.86	-0.6	5.73	-0.2	5.86	-0.4	5.61	-0.2	5.55	-0.1	6.11	2.1	6.04	1.4	
50	-0.6	5.84	—	—	0.2	6.13	0.0	6.11	0.4	5.95	-0.2	6.11	-0.2	5.75	0.2	6.35	0.5	6.53	0.2	
1934										1934										
	1. VI	11. VI	21. VI	1. VII	11. VII	22. VII	1. VIII	11. VIII	21. VIII	3. IX		1. VIII	11. VIII	21. VIII	3. IX		1. VIII	11. VIII	21. VIII	3. IX
0	7.5	5.45	11.9	5.39	13.8	4.96	19.2	4.90	16.2	4.70	16.0	—	15.1	4.49	14.3	5.08	16.9	4.33	17.1	—
5	5.9	5.45	8.8	5.37	11.5	5.21	14.6	4.90	16.5	4.72	9.6	5.14	11.6	4.90	13.0	5.05	15.2	4.33	16.2	4.90
10	5.8	5.43	7.0	5.41	9.8	5.43	14.5	5.07	14.6	4.76	5.0	5.30	6.4	5.50	6.2	5.08	13.2	4.34	16.2	4.90
20	5.5	5.43	3.6	5.61	9.2	5.54	14.0	5.50	8.6	5.25	6.6	6.22	4.0	6.22	3.8	6.13	3.6	5.43	7.0	5.16
30	1.2	5.59	0.6	6.13	8.4	5.70	2.4	5.82	5.5	5.84	2.0	6.51	3.0	6.46	2.0	6.47	2.0	5.30	2.6	5.35
40	0.4	5.86	1.0	6.17	1.8	6.19	1.0	6.31	5.1	6.46	4.6	6.73	2.5	6.71	2.0	6.73	1.8	6.29	2.6	6.85
50	0.4	6.46	1.8	6.17	0.7	6.44	1.6	6.64	4.5	6.91	1.8	7.48	2.4	7.16	1.8	—	1.8	7.74	2.2	7.30

1) 9 h; 2) 14 h;

[illegible]

1934

1934																				
	11. IX		21. IX		1. X		12. X		22. X		11. XI		21. XI		2. XII		11. XII		21. XII	
0	17.9	4.47	16.7	4.38	8.2	4.87	11.9	—	9.5	—	7.1	5.57	6.0	5.57	4.5	5.52	3.5	5.48	2.8	5.59
5	17.8	4.47	15.2	4.38	14.0	4.89	11.5	5.59	9.0	5.21	7.8	5.57	6.4	5.52	5.0	—	4.0	5.45	3.8	5.30
10	15.6	4.67	14.8	4.36	12.0	4.94	12.0	5.64	8.8	5.35	8.2	5.59	6.6	5.57	5.6	5.54	4.4	5.46	3.6	5.66
20	8.2	5.39	4.0	5.32	9.6	5.14	12.0	5.68	8.8	5.46	7.8	5.63	7.4	5.59	5.6	5.52	4.4	5.57	3.8	5.59
30	2.8	5.93	3.0	5.59	4.2	5.88	11.2	5.73	9.2	5.52	7.8	5.63	7.6	5.50	5.6	5.52	4.6	5.55	4.0	4.99
40	2.2	6.74	2.6	6.67	3.0	6.35	4.2	6.22	6.4	5.81	7.0	5.93	7.4	5.52	5.8	5.64	5.0	5.55	3.6	5.88
50	2.2	6.93	2.1	4.74	3.0	6.47	2.2	6.89	3.2	6.26	2.6	6.24	7.4	5.99	5.8	5.64	4.8	5.55	3.8	5.59

$\varphi = 59^{\circ} 43'$ $\lambda = 25^{\circ} 01'$
R. Dorofeev.

1929 Keri

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
	Temperatur 13h Temperatur.											
1	1.3	0.3	0.2	0.0	0.0	7.4	14.8	15.8	15.3	12.6	8.6	6.4
2	1.2	0.2	0.3	0.0	0.1	5.4	14.9	15.4	14.2	12.5	8.0	6.5
3	1.2	0.2	-0.2	0.1	0.0	6.1	15.0	15.2	14.0	12.0	8.2	6.2
4	1.4	0.3	-0.1	0.1	1.5	6.2	15.4	15.6	15.0	12.4	8.5	6.2
5	2.0	-0.5	0.2	0.1	1.4	6.4	15.5	15.9	14.5	12.2	8.3	6.0
6	1.2	0.5	0.3	0.0	3.0	7.0	15.6	15.6	13.8	12.1	7.5	6.5
7	2.0	0.4	0.3	-0.2	4.5	6.5	15.9	15.4	13.7	11.8	8.5	6.2
8	1.0	-0.3	0.3	0.1	5.8	6.0	14.0	16.4	13.1	12.1	8.5	6.8
9	1.6	0.3	0.3	0.1	3.5	8.1	12.9	16.4	12.5	11.6	8.3	6.2
10	1.4	0.3	0.3	0.1	4.2	6.4	12.1	16.4	12.8	12.4	8.4	6.2
11	1.8	0.3	0.3	0.1	5.0	7.6	12.4	16.0	13.0	11.5	7.6	6.2
12	1.6	0.4	0.3	0.1	4.1	8.3	15.0	17.2	13.8	11.6	7.6	5.5
13	2.1	0.4	-0.2	0.0	5.5	8.8	13.5	16.4	14.0	11.7	8.2	5.8
14	-0.4	0.3	0.2	0.1	8.0	7.6	12.9	16.3	13.4	11.0	8.0	6.2
15	-0.1	0.3	0.2	-0.1	5.1	7.9	14.3	15.0	13.8	11.4	7.6	6.2
16	-0.4	0.4	0.3	0.0	5.5	9.0	14.2	16.8	13.5	10.7	7.0	6.1
17	-0.3	0.4	0.3	-0.1	4.7	11.5	14.3	16.8	12.8	9.4	6.7	5.5
18	-0.4	0.4	0.2	-0.1	4.5	10.5	13.8	16.3	13.0	8.7	7.2	4.9
19	-0.3	0.3	0.3	0.1	4.2	11.6	15.3	16.7	13.2	9.0	6.8	5.4
20	-0.3	0.3	0.2	0.1	3.4	9.8	15.2	15.2	13.2	9.4	6.8	5.6
21	0.2	0.3	0.2	0.1	5.2	12.5	16.4	15.8	12.7	9.5	6.5	4.8
22	-0.5	0.3	-0.1	0.0	4.5	10.6	16.0	15.5	13.4	9.5	6.2	4.5
23	0.4	-0.3	0.1	-0.1	5.6	12.2	16.3	15.1	12.5	9.8	6.8	4.0
24	0.3	0.4	-0.2	-0.1	4.5	12.6	14.6	15.5	13.7	9.5	6.0	3.8
25	0.5	0.3	-0.1	-0.1	5.5	12.5	14.0	15.2	13.5	9.6	6.4	3.6
26	0.4	0.3	0.1	0.1	6.5	12.4	14.3	14.5	12.1	9.4	6.5	4.0
27	0.4	0.3	0.1	-0.1	6.0	13.6	14.6	15.2	12.8	9.4	6.6	4.5
28	-0.3	0.3	0.2	0.0	7.4	14.0	14.1	15.0	12.9	9.2	6.2	3.5
29	-0.4	0.3	0.0	0.1	8.6	14.2	15.6	15.4	13.0	8.2	5.5	2.5
30	-0.4	0.1	0.2	0.1	7.2	14.6	15.6	15.0	12.5	9.4	5.0	4.5
31	-0.3	0.1	0.2	0.1	7.9	15.6	16.1	15.6	12.5	9.0	5.5	5.5
7h	0.3	-0.3	-0.2	-0.1	4.1	8.2	13.7	14.6	12.4	10.2	7.0	5.2
13h	0.6	0.2	0.1	0.0	4.6	9.5	14.6	15.8	13.4	10.6	7.3	5.3
21h	0.6	0.3	0.1	0.0	4.5	9.4	14.4	15.4	13.1	10.4	7.2	5.2
K.	0.5	0.1	0.0	-0.0	4.1	9.0	14.3	15.3	12.9	10.4	7.2	5.2
M.												
	Soolsois 13h Salzgehalt.											
1	5.41	5.95	5.34	5.10	5.52	5.07	4.13	5.46	7.99	5.17	5.70	5.72
6	5.52	5.84	5.30	4.94	5.21	5.01	4.63	5.54	5.64	5.21	5.72	5.90
11	5.54	5.90	5.48	4.98	5.37	4.90	4.83	5.84	5.88	5.90	5.82	5.95
16	5.70	5.86	5.28	—	5.16	4.96	4.34	5.63	5.55	5.88	5.88	5.17
21	5.75	5.68	—	5.41	5.23	4.36	4.70	5.95	5.48	5.70	5.86	5.04
26	5.77	5.52	—	5.14	5.08	4.92	5.37	5.95	—	5.82	5.81	5.55
13h	5.61	5.79	(5.85)	5.11	5.26	4.97	4.67	5.73	6.09	5.61	5.80	5.55

⁴⁾ X 28.:5.86, ²⁾ X1 17.:5.84

$\varphi = 59^{\circ} 43' \quad \lambda = 25^{\circ} 01'$
 L. Kirmann.

1934 Keri

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Temperatuur 13h Temperatur.												
1	0.0	-0.2	-0.2	1.4	6.4	10.9	18.5	12.5	18.0	13.7	10.7	6.7
2	-0.1	-0.1	-0.3	1.3	11.0	11.2	16.0	14.2	15.5	14.5	9.6	6.4
3	0.6	0.1	-0.4	2.0	9.8	10.1	16.8	15.0	16.7	14.0	10.0	4.3
4	-0.1	0.0	-0.3	2.4	7.2	10.4	16.5	14.2	17.5	14.5	10.0	6.0
5	-0.4	0.0	-0.1	2.5	8.9	11.4	18.1	14.1	18.2	12.8	9.3	4.6
6	0.4	-0.1	-0.2	1.2	6.7	12.3	16.4	16.3	17.6	13.0	10.0	3.6
7	0.1	0.4	-0.1	0.8	12.4	11.8	20.5	16.5	18.0	14.2	9.2	4.2
8	1.0	-0.3	0.0	4.5	9.0	13.0	18.0	15.4	18.6	14.4	9.3	5.6
9	1.1	-0.4	0.1	7.7	12.9	13.5	16.8	16.9	18.8	13.5	9.5	4.6
10	0.3	-0.4	-0.5	0.8	8.9	12.3	19.0	14.8	18.2	13.2	9.4	4.3
11	1.0	0.1	-0.3	3.8	7.1	12.8	16.5	14.0	17.6	13.4	9.2	4.5
12	0.9	-0.5	0.0	6.9	9.2	13.7	17.0	14.5	17.5	13.0	9.0	3.6
13	0.1	-0.3	0.3	7.6	4.6	13.2	18.0	14.9	15.0	10.0	8.2	3.9
14	-0.6	-0.2	0.0	5.4	8.6	12.0	17.3	16.2	12.0	8.2	4.3	4.4
15	-0.4	0.0	-0.1	5.6	7.2	12.9	21.5	20.5	16.8	10.2	8.4	4.4
16	-0.3	-0.1	0.2	9.8	6.5	13.4	21.1	21.6	15.0	10.0	8.2	5.2
17	0.4	0.1	0.1	5.1	10.9	13.6	26.5	17.7	18.5	9.8	8.1	4.3
18	0.4	0.1	0.1	8.0	9.5	12.8	23.7	17.8	17.0	9.8	8.1	4.6
19	0.7	0.1	0.4	5.0	7.0	13.6	20.7	19.4	16.7	9.3	7.5	4.9
20	0.8	-0.2	0.2	2.6	6.8	13.7	17.5	18.6	17.4	11.5	6.9	3.0
21	-0.1	-0.4	0.4	4.9	6.4	14.7	16.0	18.0	16.8	10.8	6.2	3.9
22	0.6	-0.2	0.7	6.5	7.5	15.4	15.5	18.2	15.4	11.8	6.8	3.4
23	0.6	-0.2	0.4	3.6	6.4	14.9	16.5	18.6	16.7	12.0	6.8	3.9
24	0.8	-0.4	1.1	5.6	7.9	14.1	19.0	18.5	15.6	11.5	7.0	3.9
25	0.8	-0.4	1.1	5.1	7.8	13.8	15.2	17.5	14.2	11.9	6.2	2.5
26	0.7	-0.2	0.8	4.7	8.4	16.5	15.8	18.5	15.2	10.9	6.7	3.0
27	0.3	0.4	0.0	3.4	7.4	16.4	16.2	19.5	15.0	10.8	7.5	2.8
28	0.6	0.2	0.2	5.7	8.4	16.2	17.1	18.0	14.0	10.3	7.1	1.3
29	0.0	0.4	1.2	8.6	10.4	19.6	17.2	16.5	14.6	10.2	6.9	0.5
30	0.4	0.3	1.1	11.3	11.2	19.3	18.0	18.2	12.5	10.2	7.2	0.2
31	-0.1	0.1	0.1	9.0	9.0	16.5	17.0	16.5	17.0	10.2	10.2	0.5
7h	0.2	-0.2	0.0	1.9	5.9	11.6	16.0	14.8	14.7	11.5	8.1	3.7
13h	0.3	-0.1	0.1	4.8	8.5	13.7	18.1	16.9	16.5	11.9	8.2	3.8
21h	0.3	-0.2	0.0	2.0	6.8	12.3	16.8	16.2	15.2	11.6	8.0	3.5
K.	0.3	-0.2	0.0	2.9	7.1	12.5	17.0	16.0	15.5	11.7	8.1	3.7
M.												
Soolus 13h Salzgehalt.												
1	6.02	5.73	6.20	5.90	7.97	5.66	5.37	4.06	5.12	5.55	5.41	5.97
6	6.08	6.35	6.28	6.51	5.88	5.77	5.34	4.06	5.12	5.55	5.41	5.97
11	6.11	6.31	6.30	5.99	5.88	5.38	5.37	4.47	4.70	6.27	5.35	5.99
16	5.79	6.60	6.04	6.44	5.57	5.26	4.40	3.98	5.57	5.86	5.41	5.91
21	5.79	6.19	5.79	5.54	5.57	5.30	4.02	5.01	5.57	5.39	6.37	6.06
26	5.75	6.19	5.77	5.84	5.63	5.35	4.04	—	5.55	5.41	6.49	5.93
13h	5.92	6.23	5.90	6.37	6.08	5.46	4.76	4.32	5.20	5.69	5.84	5.82

Kuu- ja aasta-ülevaade.

Monats- und Jahresübersicht.

Keri

 $\varphi = 59^{\circ} 43' \quad \lambda = 25^{\circ} 01'$

Aasta Jahr		I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1929	t°	0.5	0.1	0.0	-0.0	4.1	9.0	14.3	15.3	12.9	10.4	7.2	5.2
	$S^{\circ}/_{00}$	5.61	5.79	(5.35)	5.11	5.26	4.97	4.67	5.73	6.09	5.61	5.80	5.55
1930	t°	3.6	1.1	0.9	2.7	6.6	12.4	16.7	16.5	12.2	8.1	5.7	2.6
	$S^{\circ}/_{00}$	5.37	5.36	5.35	5.27	4.86	4.75	4.15	4.24	4.69	5.21	5.39	5.86
1931	t°	-0.1	-0.3	-0.3	0.2	5.7	9.4	15.2	17.5	12.9	8.8	4.7	1.7
	$S^{\circ}/_{00}$	6.15	6.48	6.02	5.16	5.31	5.67	5.95	5.93	5.91	5.61	5.92	5.58
1932	t°	1.0	-0.2	-0.3	1.0	5.7	11.4	18.7	18.6	13.8	9.0	5.6	4.0
	$S^{\circ}/_{00}$	5.96	6.00	(5.91)	—	5.38	4.90	4.14	4.77	5.72	6.08	5.74	5.85
1933	t°	1.4	0.1	-0.0	2.0	5.5	13.6	16.7	16.0	11.8	8.4	4.5	1.2
	$S^{\circ}/_{00}$	6.01	5.88	5.94	5.34	5.11	5.16	5.54	5.75	4.93	5.02	5.52	5.73
1934	t°	0.3	-0.2	0.0	2.9	7.1	12.5	17.0	16.0	15.5	11.7	8.1	3.7
	$S^{\circ}/_{00}$	5.92	6.23	5.90	6.37	6.08	5.46	4.76	4.32	5.20	5.69	5.84	5.82

¹⁾ 1.4.5.95, ²⁾ 1.29.5.95, ³⁾ 11.8.6.06, ⁴⁾ 11.9.6.02, ⁵⁾ IV 5.5.86, ⁶⁾ IV 19.5.59, ⁷⁾ IV 25.5.72, ⁸⁾ V 3.5.79, ⁹⁾ V 14.5.82, ¹⁰⁾ V 27.5.81, ¹¹⁾ V 4.5.61, ¹²⁾ VII 4.5.37, ¹³⁾ VII 30.4.02, ¹⁴⁾ VIII 23.5.01, ¹⁵⁾ IX 4.5.34, ¹⁶⁾ IX 15.4.69, ¹⁷⁾ IX 23.5.55, ¹⁸⁾ XII 3.6.02.

$\varphi = 58^{\circ} 23' \lambda = 21^{\circ} 50'$
A. Thom.

1930 Vilsandi

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Temperatur 13 h Temperatur.												
1	2.4	-0.3	1.8	3.6	10.9	11.5	16.0	20.5	17.6	10.2	8.4	4.4
2	2.5	-0.4	2.7	4.8	9.4	10.4	17.5	21.8	18.4	10.5	8.1	2.5
3	1.7	-0.4	5.4	3.7	11.9	10.5	13.4	21.2	16.2	9.1	8.0	4.5
4	3.6	-0.4	2.5	3.2	9.3	13.0	11.4	22.2	15.9	9.2	8.3	4.3
5	3.6	-0.3	2.2	3.3	12.7	14.4	14.2	19.4	16.4	8.7	7.8	4.6
6	3.3	-0.2	1.7	6.5	9.0	15.6	11.9	20.3	13.7	7.2	7.4	4.6
7	3.7	-0.3	3.5	9.2	11.6	17.2	16.0	18.2	12.5	6.2	8.0	4.0
8	4.4	-0.3	3.5	8.8	8.4	17.7	18.9	17.2	13.2	6.5	6.8	2.5
9	3.9	-0.2	5.5	7.5	12.0	14.3	16.6	20.5	12.2	6.3	6.9	2.6
10	3.9	-0.2	3.3	10.2	17.9	17.0	16.8	20.9	12.4	9.3	7.7	2.9
11	3.5	0.2	3.2	10.4	13.3	17.4	18.2	17.6	13.8	9.5	8.4	2.4
12	1.8	0.6	2.9	11.1	12.7	18.8	17.7	19.1	13.8	8.8	8.9	1.5
13	2.2	1.4	1.4	9.6	12.3	19.2	17.0	18.0	11.8	8.6	7.8	-0.2
14	2.2	1.4	-0.2	7.8	14.0	16.2	16.4	16.7	9.5	9.0	7.5	-0.3
15	3.6	1.1	0.4	10.7	12.0	16.4	15.2	16.9	11.6	9.6	8.4	-0.4
16	3.4	1.8	1.5	11.8	13.5	15.2	18.4	17.4	12.2	10.6	7.2	-0.4
17	3.5	1.3	1.2	11.4	15.0	17.6	14.6	17.4	14.2	10.7	5.9	-0.5
18	2.9	0.5	0.1	5.8	15.6	18.2	16.6	16.8	12.4	10.2	4.7	-0.4
19	2.7	2.8	1.8	6.8	17.8	18.7	18.1	19.2	10.5	10.3	5.3	-0.3
20	3.6	2.2	1.2	6.4	16.3	19.6	16.1	18.6	10.5	9.7	5.4	0.0
21	3.5	1.5	1.5	9.7	15.5	20.1	17.6	19.3	10.2	9.7	3.2	0.0
22	3.2	1.9	2.1	12.2	15.5	21.2	20.5	17.1	12.0	10.0	0.0	0.0
23	2.4	2.0	3.0	11.4	19.9	18.9	20.0	17.9	11.9	10.5	1.8	1.5
24	2.6	1.3	5.5	12.0	16.2	20.6	20.7	20.7	11.6	9.5	2.9	1.0
25	2.7	0.6	4.3	8.5	19.5	22.0	20.8	18.7	12.8	8.9	1.3	0.5
26	2.7	-0.1	4.8	8.6	19.9	20.3	18.7	17.6	12.4	9.2	2.0	0.3
27	2.7	-0.2	4.7	10.1	19.8	21.3	20.5	16.6	12.4	8.7	3.1	0.5
28	2.4	-0.1	4.9	8.1	15.0	19.2	20.6	18.8	12.5	10.0	4.4	-0.2
29	2.9	0.6	5.6	8.2	14.9	17.4	21.1	15.8	13.0	8.2	4.5	-0.3
30	1.1	1.1	5.5	9.3	12.8	19.3	20.4	12.8	11.8	8.7	4.4	-0.4
31	-0.2		5.3	13.5		19.6	17.3		8.4			-0.4
7h	2.5	0.2	1.4	5.6	9.9	14.0	15.1	16.8	11.3	7.9	5.4	1.2
13h	2.8	0.6	3.0	8.6	13.8	17.3	17.5	18.7	13.0	9.1	5.8	1.3
21h	2.3	0.2	1.9	6.7	11.2	15.1	15.8	17.6	11.5	8.4	5.4	1.2
K.	2.5	0.3	2.1	7.0	11.6	15.5	16.1	17.7	11.9	8.5	5.5	1.2
M.												
Soolus 13h Salzgehalt.												
1	6.00	7.00	6.74	6.33	6.76	6.78	6.65	6.00	6.74	6.65	6.22	6.60
6	6.24	6.89	6.76	6.49	6.76	6.87	7.02	6.04	6.71	6.67	6.28	6.40
11	6.80	6.94	6.69	6.71	7.16	6.85	6.49	6.38	6.71	6.58	7.00	6.51
16	6.60	6.85	6.76	6.51	6.83	6.83	6.64	6.33	5.64	6.71	6.93	6.60
21	6.71	6.89	6.62	6.60	6.47	6.65	6.73	6.51	6.44	6.62	6.80	6.53
26	6.76	6.76	6.53	6.74	6.78	6.73	6.53	6.67	6.53	6.20	6.85	7.11
13h	6.52	6.89	6.68	6.56	6.79	6.78	6.68	6.32	6.46	6.57	6.68	6.62

1) XI 25.

 $\varphi = 58^{\circ} 23' \lambda = 21^{\circ} 50'$
A. Thom.

1929 Vilsandi

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Temperatur 13 h Temperatur.												
1	1.0	-0.2	-0.2	5.4	8.6	17.3	16.8	16.7	12.6	6.9	5.1	
2	0.1	-0.2	-0.2	4.3	10.0	19.4	16.8	16.0	13.0	6.7	4.8	
3	-0.1	-0.3	-0.1	5.9	11.8	16.0	15.6	16.4	12.6	7.3	5.2	
4	0.1	-0.3	-0.3	7.9	10.0	19.1	17.4	16.4	12.3	7.3	5.0	
5	1.9	-0.4	-0.3	8.4	11.4	16.0	17.4	16.7	11.8	7.6	4.6	
6	-0.2	-0.4	-0.3	7.8	11.0	19.3	17.6	16.0	11.5	8.3	5.1	
7	0.1	-0.4	-0.4	11.3	9.8	16.7	19.8	13.3	11.2	7.0	5.6	
8	0.0	-0.3	-0.4	9.3	9.5	13.7	18.2	12.7	12.1	7.1	5.6	
9	-0.2	-0.4	-0.4	0.1	9.8	9.4	13.6	17.8	12.6	13.0	7.5	5.4
10	0.1	-0.4	-0.3	0.6	8.0	10.5	16.2	18.0	13.3	12.3	7.4	4.5
11	1.9	-0.4	-0.4	2.1	10.4	13.0	15.4	18.7	13.4	11.3	6.4	5.3
12	1.4	-0.4	-0.2	0.5	12.0	13.8	16.0	19.3	15.0	11.0	6.2	3.8
13	1.3	-0.4	-0.2	0.6	14.5	14.6	16.4	19.6	16.0	10.8	6.7	4.4
14	-0.3	-0.4	-0.2	2.2	11.5	17.6	16.2	18.0	16.0	11.0	6.4	4.4
15	0.3	-0.4	-0.3	1.1	13.1	18.9	18.0	17.8	16.2	10.8	6.6	5.3
16	-0.2	-0.4	-0.3	1.1	11.0	17.1	16.4	19.3	14.9	10.1	3.6	5.3
17	-0.2	-0.4	-0.1	1.4	11.8	17.8	15.8	19.7	14.5	8.5	4.0	5.0
18	-0.2	-0.4	-0.2	0.5	9.1	17.8	15.7	19.3	16.0	6.2	4.4	3.8
19	-0.2	-0.4	-0.2	1.0	6.1	18.2	17.9	18.8	15.6	6.0	5.7	5.3
20	-0.3	-0.4	-0.2	0.0	8.9	18.3	17.1	16.8	13.8	6.7	5.4	6.0
21	-0.2	-0.3	-0.2	0.0	12.5	17.8	19.7	15.7	13.8	7.8	4.8	5.0
22	-0.2	-0.3	-0.2	1.5	12.1	16.3	16.6	15.8	13.8	9.8	4.0	3.2
23	-0.2	-0.4	-0.1	0.1	11.2	16.4	18.3	18.0	13.2	8.0	4.5	1.6
24	-0.3	-0.4	-0.1	0.2	11.4	13.8	16.5	15.8	14.2	7.8	4.6	-0.2
25	-0.3	-0.4	-0.1	0.5	13.7	13.6	15.8	16.6	13.6	8.4	4.5	-0.3
26	-0.4	-0.4	0.0	1.0	15.3	13.4	16.6	16.3	13.7	8.9	5.4	0.0
27	-0.4	-0.4	0.2	2.5	16.6	14.0	17.5	16.7	13.3	8.5	5.3	1.2
28	-0.4	-0.3	0.0	4.4	15.7	16.7	18.6	16.7	13.5	8.0	4.2	1.4
29	-0.3	0.0	0.5	4.5	13.9	15.5	18.6	16.9	13.8	7.8	4.9	0.2
30	-0.3	-0.3	0.0	7.0	13.4	15.0	18.7	17.1	13.4	6.9	4.5	0.9
31	-0.4	-0.3	-0.3	7.5			18.1		7.4			2.7
7h	0.1	-0.4	-0.3	0.1	7.7	11.2	13.8	15.4	12.8	9.1	5.5	3.4
13h	0.1	-0.4	-0.2	1.0	10.6	14.0	17.0	17.6	14.6	9.8	5.8	3.7
21h	0.0	-0.4	-0.3	0.5	8.5	12.3	15.3	16.4	13.2	9.2	5.5	3.5
K.	0.1	-0.4	-0.3	0.5	8.9	12.5	15.4	16.5	13.6	9.4	5.6	3.5
M.												
Soolus 13h Salzgehalt.												
1	6.82	7.36	6.80	7.38	6.53	6.67	6.60	6.69	6.80	6.55	6.35	6.47
6	6.78	8.10	7.59	6.89	6.47	6.87	6.38	6.35	6.73	6.55	6.40	6.13
11	6.87	6.80	6.93	6.42	6.53	6.35	6.38	6.74	6.51	6.49	6.42	6.42
16	7.07	7.02	7.16	6.83	6.28	6.53	6.60	6.73	6.60	6.67	6.00	6.55
21	7.07	7.14	5.84	6.73	7.00	6.35	6.82	6.51	6.65	6.53	6.71	6.89
26	6.67	6.83	3.96?	6.19	6.89	6.20	6.64	6.60	6.67	6.73	6.73	6.29
13h	6.89	7.22	6.32?	6.82	6.60	6.52	6.56	6.54	6.73	6.59	6.45	6.46

$\varphi = 58^{\circ} 23' \lambda = 21^{\circ} 50'$
A. Thom.

1932 Vilsandi

	I.	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
	Temperatur 13h Temperatur.											
1	0.3	0.8	-0.1	-0.2	7.4	10.7	16.4	21.2	20.0	13.7	3.4	4.5
2	0.1	-0.3	-0.1	0.4	6.3	12.8	18.8	21.2	17.5	12.5	3.8	4.0
3	0.4	-0.4	-0.4	0.5	7.3	10.4	18.1	20.5	16.8	12.2	3.9	4.2
4	-0.3	0.2	-0.4	0.7	4.2	9.4	19.6	19.3	15.8	11.4	4.5	4.9
5	-0.3	-0.3	-0.5	0.5	4.5	13.4	20.1	19.0	15.7	10.0	5.5	4.7
6	0.3	-0.3	-0.5	0.9	4.9	12.6	21.6	19.1	15.5	11.4	4.9	4.4
7	-0.3	0.3	-0.4	-0.2	8.9	14.3	21.8	18.0	14.6	9.2	4.8	3.8
8	0.1	-0.4	-0.4	-0.2	6.1	12.2	21.4	18.0	16.4	10.4	4.8	3.8
9	0.0	-0.4	-0.4	-0.1	7.1	10.7	20.7	18.4	16.7	7.4	5.6	2.0
10	0.1	-0.4	-0.5	0.1	6.5	11.3	20.8	17.2	17.6	7.8	5.3	3.2
11	0.2	-0.3	-0.4	-0.1	5.3	15.4	21.0	17.4	16.7	8.7	5.4	4.2
12	-0.4	-0.4	-0.4	0.5	9.5	17.6	21.8	18.3	15.4	10.0	5.4	4.0
13	-0.2	-0.4	-0.3	0.4	11.1	16.5	22.5	17.3	15.0	9.4	4.9	3.7
14	-0.3	-0.4	-0.3	1.5	8.6	14.5	10.1	18.8	14.5	8.4	5.0	1.4
15	-0.3	-0.3	-0.4	-0.2	9.0	10.8	11.0	20.0	14.6	9.5	4.9	2.4
16	-0.2	-0.3	-0.3	2.5	8.4	13.7	16.8	19.8	16.2	8.8	5.5	2.9
17	0.0	-0.3	-0.4	2.1	12.9	12.1	19.5	19.4	15.0	8.6	5.8	4.0
18	0.1	-0.2	-0.3	3.8	12.3	12.4	19.7	20.0	13.8	8.5	3.2	4.0
19	0.4	-0.2	-0.3	2.2	10.2	11.2	21.3	20.3	15.8	8.1	2.2	4.3
20	0.7	-0.3	-0.3	4.6	11.5	15.5	18.5	18.8	14.0	8.9	1.4	3.8
21	1.6	-0.4	-0.3	6.0	12.2	13.1	19.6	19.0	13.3	7.8	2.2	3.1
22	1.1	-0.4	-0.3	7.3	11.5	14.2	22.2	16.9	12.3	8.3	3.1	2.3
23	1.0	-0.5	-0.2	9.5	11.5	14.8	22.6	15.9	11.9	8.5	3.7	2.5
24	1.3	-0.5	-0.4	8.8	13.5	10.5	21.1	16.6	12.1	8.4	3.9	3.6
25	1.4	-0.4	-0.4	10.5	11.2	14.3	22.1	15.9	12.6	7.5	3.8	3.2
26	1.8	-0.2	-0.3	6.1	10.4	14.2	24.9	16.0	13.8	8.0	3.8	3.6
27	1.5	-0.4	-0.3	9.0	13.9	14.6	24.7	16.4	13.1	7.7	3.9	3.5
28	1.5	-0.4	-0.3	7.1	13.9	17.4	24.0	16.3	12.8	5.5	4.1	3.5
29	2.0	-0.4	-0.2	7.2	13.2	17.1	21.6	16.8	13.7	5.0	4.0	3.5
30	2.0	-0.4	-0.4	7.1	13.4	17.5	20.5	15.9	12.4	4.3	4.5	3.2
31	-0.2	-0.3	-0.3		8.9		22.6	16.5		4.0		2.8
7h	0.5	-0.3	-0.4	1.9	7.9	11.5	18.1	16.9	13.6	7.8	3.9	3.3
13h	0.5	-0.3	-0.3	3.4	9.4	13.5	20.3	18.2	14.9	8.7	4.2	3.6
21h	0.5	-0.3	-0.3	2.9	8.7	12.5	19.1	17.6	14.3	8.3	4.0	3.3
K.	0.5	-0.3	-0.3									
M.				2.7	8.7	12.5	19.2	17.6	14.3	8.3	4.0	3.4
	Soolsus 13h Salzgehalt.											
1	6.20	6.73	7.18	6.78	6.87	6.74	6.56	5.77	6.71	6.60	6.73	6.47
6	6.42	6.85	7.14	6.19	6.96	6.69	6.56	6.76	6.65	6.62	6.33	6.24
11	6.91	7.09	7.56	5.66	6.64	6.65	6.58	6.46	6.53	6.85	6.19	6.09
16	6.37	7.11	6.87	6.62	6.82	6.82	6.80	6.53	6.73	6.35	6.67	6.31
21	6.26	7.16	6.76	6.80	6.22	6.78	6.56	6.62	6.80	6.93	6.31	6.69
26	7.00	7.20	6.85	6.55	6.49	6.82	6.55	6.73	6.76	6.46	6.24	6.51
13h	6.53	7.02	7.06	6.43	6.67	6.75	6.60	6.48	6.70	6.63	6.41	6.48

) II 2.

$\varphi = 58^{\circ} 23' \lambda = 21^{\circ} 50'$
A. Thom.

1931 Vilsandi

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
	Temperatur 13h Temperatur.											
1	-0.4	-0.4	-0.4	-0.3	8.5	11.0	16.2	17.0	12.9	9.1	2.0	-0.3
2	-0.4	-0.2	-0.4	-0.3	8.7	10.3	17.0	16.4	13.7	9.2	2.3	-0.3
3	-0.4	-0.3	-0.4	-0.3	8.3	13.3	17.4	16.8	14.1	8.8	4.8	-0.2
4	-0.4	-0.3	-0.4	-0.3	10.1	19.3	16.2	15.4	8.0	5.4	-0.4	-0.4
5	-0.3	-0.3	-0.4	-0.2	8.8	10.6	19.1	16.7	13.0	7.8	6.8	-0.4
6	-0.3	-0.4	-0.4	-0.3	9.5	10.6	17.1	16.6	13.9	9.8	6.3	-0.1
7	-0.4	-0.3	-0.4	-0.3	8.9	12.0	16.0	19.8	9.2	8.6	6.0	0.3
8	-0.2	-0.3	-0.4	-0.3	8.9	11.5	18.2	18.0	13.2	10.3	5.3	0.5
9	-0.3	-0.3	-0.4	-0.2	6.8	9.5	18.2	17.3	13.2	9.6	4.8	1.5
10	-0.1	-0.3	-0.4	-0.2	5.2	6.3	15.4	18.0	12.0	10.2	4.5	-0.2
11	-0.1	-0.2	-0.4	0.1	6.2	7.3	15.4	17.5	12.5	9.4	5.8	0.1
12	-0.2	-0.3	-0.4	0.5	7.2	12.0	16.3	16.8	12.2	10.4	5.3	0.2
13	-0.3	-0.4	-0.4	1.9	10.7	10.6	17.3	18.8	12.6	10.2	5.8	2.8
14	-0.1	-0.4	-0.4	1.2	10.4	12.4	17.5	18.4	10.1	10.0	5.2	2.3
15	-0.2	-0.4	-0.4	1.9	10.0	15.3	17.0	17.2	11.8	8.6	4.9	3.0
16	-0.2	-0.4	-0.4	0.5	12.2	13.2	16.6	18.9	13.8	10.2	4.2	0.2
17	-0.2	-0.4	-0.4	1.6	11.3	12.1	17.4	18.2	12.0	9.6	3.6	-0.2
18	-0.3	-0.4	-0.4	2.7	13.8	15.0	14.3	19.2	12.7	8.0	3.4	0.3
19	-0.4	-0.4	-0.3	3.8	13.3	14.5	14.6	19.0	12.8	6.9	2.0	1.0
20	-0.4	-0.3	-0.3	3.8	9.9	14.2	16.7	18.9	12.0	7.6	1.4	1.2
21	-0.4	-0.3	-0.4	3.5	9.0	15.8	16.2	18.5	10.9	6.3	0.6	1.4
22	-0.4	-0.2	-0.3	4.0	10.0	14.5	14.6	18.2	9.0	6.4	0.6	1.4
23	-0.4	-0.3	-0.3	0.5	10.7	14.5	17.0	18.3	11.5	6.8	-0.2	1.1
24	-0.4	-0.2	-0.3	2.7	12.5	14.0	16.8	16.6	8.2	5.8	-0.5	1.8
25	-0.4	-0.3	-0.3	2.5	12.5	14.2	20.5	18.0	7.0	5.8	-0.4	2.3
26	-0.4	-0.1	-0.3	7.2	12.8	12.4	20.0	17.8	9.1	5.8	-0.4	1.9
27	-0.3	-0.3	-0.2	7.8	12.5	13.4	19.0	15.4	8.5	4.1	-0.3	1.6
28	-0.3	-0.4	-0.3	7.5	12.5	12.8	20.3	12.4	6.5	3.8	-0.4	1.4
29	-0.4	-0.3	-0.3	7.0	12.2	15.6	19.0	11.0	9.2	1.6	-0.2	0.5
30	-0.4	-0.3	-0.3	6.8	10.1	14.8	17.8	10.8	7.6	3.2	-0.1	1.0
31	-0.4	-0.3	-0.3		7.2		16.6	8.6				-0.4
7h	-0.3	-0.3	-0.4	1.5	9.6	12.0	16.4	16.2	10.6	7.2	2.9	0.7
13h	-0.3	-0.3	-0.4	2.2	10.0	12.6	17.2	16.8	11.4	7.6	2.9	0.8
21h	-0.3	-0.3	-0.4	2.1	9.9	12.4	17.0	16.0	11.0	7.4	2.9	0.8
K.	-0.3	-0.3	-0.4									
M.				1.9	9.8	12.3	16.9	16.3	11.0	7.4	2.9	0.8
	Soolsus 13h Salzgehalt.											
1	7.16	5.91	7.16	7.03	6.40	6.17	6.60	6.58	6.93	6.82	6.87	6.24
6	6.06	6.85	7.21	7.02	6.08	6.42	6.37	6.85	6.74	6.96	6.80	6.09
11	6.38	6.31	7.18	6.82	6.71	6.82	6.73	6.74	6.82	6.64	6.44	6.76
16	6.60	6.64	7.07	6.69	6.11	6.56	6.64	6.80	6.80	6.82	6.44	6.64
21	6.58	6.69	7.02	6.98	6.20	6.46	6.60	6.73	6.91	6.82	6.90?	6.69
26	6.58	6.42	6.78	6.64	5.95	6.31	6.56	6.55	6.93	6.91	6.67	7.18
13h	6.56	6.47	7.07	6.86	6.24	6.46	6.58	6.71	6.85	6.83	7.05	6.60

Kuu- ja aasta-ülevaade.

Monats- und Jahresübersicht.

Vilsandi

 $\varphi = 58^{\circ} 23' \quad \lambda = 21^{\circ} 50'$

Aasta Jahr		I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1929	t° $S^{\circ}/_{00}$	0.1 6.89	-0.4 7.22	-0.3 6.32?	0.5 6.82	8.9 6.60	12.5 6.52	15.4 6.56	16.5 6.54	13.6 6.73	9.4 6.59	5.6 6.45	3.5 6.46
1930	t° $S^{\circ}/_{00}$	2.5 6.52	0.3 6.89	2.1 6.68	7.0 6.56	11.6 6.79	15.5 6.78	16.1 6.68	17.7 6.32	11.9 6.46	8.5 6.57	5.5 6.68	1.2 6.62
1931	t° $S^{\circ}/_{00}$	-0.3 6.56	-0.3 6.47	-0.4 7.07	1.9 6.86	9.8 6.24	12.3 6.46	16.9 6.58	16.3 6.71	11.0 6.85	7.4 6.83	2.9 7.05	0.8 6.60
1932	t° $S^{\circ}/_{00}$	0.5 6.53	-0.3 7.02	-0.3 7.06	2.7 6.43	8.7 6.67	12.5 6.75	19.2 6.60	17.6 6.48	14.3 6.70	8.3 6.63	4.0 6.41	3.4 6.48
1933	t° $S^{\circ}/_{00}$	0.5 6.78	-0.3 6.83	0.1 —	3.8 (6.60)	7.6 6.78	11.0 6.78	16.0 6.47	16.3 6.50	10.2 6.73	7.2 6.50	3.0 6.49	0.4 6.77
1934	t° $S^{\circ}/_{00}$	-0.2 6.54	0.2 6.86	0.7 6.36	5.5 6.48	11.6 6.45	12.6 6.90	13.7 6.89	18.0 6.57	16.6 6.47	11.4 6.52	6.4 6.69	1.4 6.41

 $\varphi = 58^{\circ} 33' \quad \lambda = 23^{\circ} 26'$
V. Rattur.

1929 Viirelaid

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Temperatuur 13h Temperatur.												
1	-0.3	-0.4	-0.2	0.2	3.6	9.3	20.5	18.1	18.0	12.4	7.8	5.6
2	-0.3	-0.4	-0.3	0.2	4.2	9.8	21.4	19.8	18.2	13.0	6.9	4.8
3	-0.3	-0.4	-0.2	0.2	4.1	11.5	19.0	16.2	16.4	12.8	7.5	5.5
4	-0.3	-0.3	-0.3	0.2	5.0	10.0	20.0	18.6	15.8	12.4	7.2	5.6
5	-0.3	-0.4	-0.2	0.2	5.2	11.8	16.4	17.4	16.6	10.8	4.8	4.5
6	-0.3	-0.4	-0.2	0.2	4.8	11.6	16.8	18.5	16.5	12.3	7.0	5.6
7	-0.3	-0.4	-0.3	0.2	5.0	10.2	16.2	19.8	12.0	11.0	7.0	5.6
8	-0.3	-0.4	-0.2	0.0	8.8	10.3	14.2	20.4	11.4	11.8	7.1	5.6
9	-0.3	-0.4	-0.2	-0.1	8.8	11.8	14.0	21.4	11.3	12.4	7.3	4.7
10	-0.2	-0.4	-0.2	-0.1	4.8	13.5	17.8	19.0	11.8	12.8	6.8	4.5
11	-0.2	-0.4	-0.4	-0.2	8.0	17.6	16.8	19.0	12.6	11.8	6.0	4.6
12	-0.1	-0.4	-0.1	0.0	8.8	16.4	18.5	20.5	14.8	11.3	6.2	4.0
13	-0.2	-0.4	0.0	0.2	5.5	16.7	17.6	19.0	15.1	11.6	6.4	4.6
14	-0.3	-0.4	0.0	0.2	7.8	20.0	15.8	19.2	15.8	7.4	4.2	4.2
15	-0.3	-0.4	-0.2	0.2	7.7	19.5	18.8	17.0	15.4	8.2	5.8	5.2
16	-0.3	-0.4	-0.2	0.2	4.6	16.8	17.0	18.8	15.8	7.4	4.8	2.8
17	-0.3	-0.4	-0.1	0.3	16.5	19.0	15.0	20.5	14.4	7.5	4.8	2.5
18	-0.3	-0.4	0.0	0.3	8.4	19.8	17.4	18.6	15.5	6.8	3.4	0.4
19	-0.3	-0.4	0.0	0.4	5.6	19.0	19.0	19.8	13.6	6.5	4.0	2.0
20	-0.3	-0.3	0.0	0.2	10.0	20.0	20.0	15.8	15.0	6.8	3.0	3.6
21	-0.3	-0.2	-0.2	-0.2	15.0	18.6	21.4	17.6	13.0	9.0	3.6	3.8
22	-0.3	-0.3	-0.1	-0.2	12.8	15.4	17.4	15.5	12.4	7.4	4.4	2.5
23	-0.3	-0.3	0.0	0.1	14.5	17.0	18.2	18.4	12.0	7.8	4.5	0.3
24	-0.3	-0.4	0.0	0.3	14.0	12.8	17.0	16.0	12.8	8.4	4.2	-0.2
25	-0.4	-0.4	0.1	0.3	14.6	13.0	14.6	17.5	11.0	8.5	4.4	1.5
26	-0.4	-0.4	0.1	0.5	18.0	14.5	16.3	15.7	12.8	8.5	5.4	2.0
27	-0.4	-0.4	0.2	2.0	18.4	17.8	18.2	16.8	12.6	8.5	4.8	1.6
28	-0.4	-0.4	0.2	4.0	19.5	18.6	18.3	17.8	13.5	8.2	4.2	2.0
29	-0.4	-0.4	0.2	4.0	18.0	18.8	18.3	17.8	13.8	7.5	4.7	1.6
30	-0.4	-0.4	0.1	5.0	16.6	17.4	18.5	17.2	13.5	7.2	4.4	2.2
31	-0.4	-0.4	0.0	8.6	17.4	20.3	17.4	17.4	13.5	8.0	4.4	2.2
7h	-0.3	-0.4	-0.1	0.2	6.2	11.5	14.8	14.9	12.0	8.6	5.1	3.2
13h	-0.3	-0.4	-0.1	0.5	9.9	15.3	17.8	18.2	14.0	9.6	5.5	3.4
21h	-0.3	-0.4	-0.1	0.5	5.4	14.3	16.6	17.2	13.0	8.9	5.4	3.4
K.	-0.3	-0.4	-0.1	0.4	7.2	13.7	16.4	16.8	13.0	9.0	5.3	3.3
Soolsus 13h Salzgehalt.												
1	5.10	5.35	5.16	4.98	4.52	5.12	4.94	5.30	5.26	5.21	5.03	5.21
6	4.89	5.17	5.16	2.58?	3.98	5.39	4.85	5.10	5.17	5.35	5.03	5.08
11	4.74	5.25	5.19	5.05	4.89	5.07	4.94	5.32	5.99	5.19	5.4.96	4.98
16	5.12	5.39	5.14	—	2.88?	5.14	5.05	5.28	6.00	5.68	6.37	5.03
21	5.52	5.32	5.16	5.08	4.42	5.14	6.02	5.25	5.10	5.25	—	4.99
26	5.03	5.32	3.68?	4.36	4.92	4.87	6.40	5.16	5.35	5.30	5.12	5.01
13h	5.07	5.30	4.91?	4.27?	5.12	5.37	5.24	5.48	5.33	5.30	5.30	5.05

1) IX 24., 2) X 13., 3) XI 14.

$\varphi = 58^{\circ} 33'$ $\lambda = 23^{\circ} 26'$
R. Johanson.

1934 Viirelaid

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
	Temperatuur 13h Temperatur.											
1	-0.3	-0.4	-0.4	1.5	7.3	11.2	20.7	15.8	14.1	10.0	14.1	1.4
2	-0.3	-0.4	-0.4	1.4	8.0	11.3	21.4	17.8	13.8	7.5	1.9	1.9
3	-0.3	-0.4	-0.4	1.6	9.0	11.4	22.0	20.9	19.1	13.9	5.9	2.2
4	-0.3	-0.3	-0.3	1.8	9.6	11.6	19.5	21.0	20.9	13.7	5.3	2.5
5	-0.3	-0.2	-0.1	2.0	13.1	11.6	20.0	20.4	20.6	13.5	4.8	1.0
6	-0.2	-0.2	-0.1	2.0	14.8	12.9	19.2	20.3	21.0	13.8	8.1	0.6
7	-0.2	-0.3	-0.1	2.0	15.1	15.1	24.7	21.6	19.6	14.6	8.1	0.8
8	-0.2	-0.3	-0.1	2.3	15.3	17.8	23.4	20.7	20.4	13.4	8.2	0.8
9	-0.2	-0.4	-0.1	2.2	15.5	18.3	19.1	20.9	20.6	13.5	8.3	1.0
10	-0.2	-0.3	-0.2	1.8	17.0	19.8	20.0	21.3	19.9	13.8	7.8	2.2
11	-0.2	-0.2	-0.2	2.5	16.1	15.7	20.5	20.4	21.4	13.7	7.6	2.9
12	-0.2	-0.3	-0.3	4.0	14.7	16.4	20.6	20.1	21.3	11.0	7.5	1.5
13	-0.3	-0.3	-0.3	5.8	12.0	17.1	20.5	19.6	16.2	10.1	7.3	1.0
14	-0.3	-0.3	-0.3	7.0	12.2	17.8	20.1	20.2	16.8	10.3	6.7	2.4
15	-0.3	-0.3	-0.3	7.1	11.5	18.0	22.0	20.5	18.8	11.0	6.6	2.4
16	-0.2	-0.3	-0.2	7.4	11.5	18.2	22.7	22.8	16.5	9.5	6.1	2.2
17	-0.1	-0.2	-0.2	7.5	11.2	17.8	22.6	20.0	18.1	9.8	6.2	2.5
18	0.0	-0.2	-0.2	7.6	10.3	18.3	23.0	19.0	19.8	8.6	6.3	2.4
19	0.0	-0.3	0.0	7.5	10.2	18.9	24.3	18.7	20.7	9.4	5.0	2.2
20	-0.1	-0.3	0.0	7.4	10.3	17.7	20.2	21.1	17.8	9.4	3.9	2.2
21	-0.1	-0.4	0.4	7.1	10.7	18.1	20.5	19.4	16.6	10.1	3.4	1.3
22	-0.1	-0.3	0.4	6.9	11.1	18.6	19.9	20.2	17.1	10.6	4.3	1.2
23	-0.2	-0.3	0.5	5.6	11.4	14.2	20.1	18.8	16.1	10.8	6.2	0.0
24	-0.2	-0.3	0.5	5.3	11.3	14.3	22.0	19.6	15.8	10.2	2.5	-0.3
25	0.0	-0.3	0.4	5.6	11.4	15.0	20.9	19.2	14.5	9.8	2.4	-0.4
26	-0.2	-0.2	0.4	6.0	11.3	17.9	22.7	19.8	15.3	9.2	3.0	-0.5
27	-0.2	-0.2	0.8	6.0	11.2	22.0	22.8	18.8	14.7	10.1	4.9	-0.3
28	-0.3	-0.4	1.3	6.3	11.2	24.0	22.7	20.8	13.6	9.5	5.3	-0.3
29	-0.2	-0.4	1.8	6.2	10.8	23.0	22.3	18.4	12.5	8.5	2.4	-0.3
30	-0.1	1.5	6.4	10.7	22.0	22.4	18.6	13.0	8.3	1.9	8.7	-0.3
31	-0.4	1.4	10.9	19.9	16.6	19.9	16.6	16.6	16.6	16.6	16.6	-0.3
7h	-0.2	-0.3	0.1	4.6	11.4	16.1	20.4	18.4	15.8	10.4	5.5	1.0
13h	-0.2	-0.3	0.2	4.8	11.8	16.9	21.3	20.1	17.7	11.2	5.8	1.2
21h	-0.2	-0.3	0.2	4.8	11.9	17.0	21.5	19.8	17.3	10.7	5.5	1.1
K.	-0.2	-0.3	0.2	4.7	11.7	16.6	21.1	19.4	16.9	10.8	5.6	1.1
M.												
	Soolusid 13h Salzgehalt.											
1	5.64	5.95	5.63	4.15	6.55	6.47	6.49	5.93	5.73	5.32	5.34	5.86
6	5.61	5.43	5.73	4.20	6.49	6.37	6.49	6.28	5.70	5.43	5.35	5.55
11	5.77	5.55	5.72	4.29	6.47	6.64	6.55	6.20	5.79	5.30	5.43	5.64
16	5.06	5.64	5.70	5.17	6.51	6.69	6.64	5.61	5.91	5.17	5.37	5.63
21	5.61	5.70	5.61	4.38	6.40	6.78	6.47	5.82	5.77	5.39	5.35	5.64
26	5.64	5.75	—	4.52	6.53	6.98	6.22	5.77	5.48	5.35	5.35	5.64
13h	5.66	5.55	5.68	4.45	6.49	6.66	6.48	5.94	5.73	5.33	5.56	5.66

1) IX 22.5.79, 2) X 12.5.43.

Kuu- ja aasta-ülevaade.

Monats- und Jahresübersicht.

Viirelaid

$\varphi = 58^{\circ} 33'$ $\lambda = 23^{\circ} 26'$

Aasta Jahr		I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1929	t°	-0.3	-0.4	-0.1	0.4	7.2	13.7	16.4	16.8	13.0	9.0	5.3	3.3
	$S^{\circ}/_{00}$	5.07	5.30	4.91 ?	(4.41 ?)	4.27 ?	5.12	5.37	5.24	5.48	5.33	5.30	5.05
1930	t°	1.8	-0.2	0.1	6.9	13.7	17.3	19.3	17.6	12.0	8.0	4.3	7.8
	$S^{\circ}/_{00}$	5.27	5.12	5.01	5.04	5.76	6.25	6.02	5.54	(5.80)	5.52	5.23	5.11
1931	t°	-0.3	-0.4	-0.3	0.1	9.4	10.8	17.9	19.1	13.3	5.7	2.7	-0.2
	$S^{\circ}/_{00}$	4.88	5.26	5.29	(5.30)	5.11	5.39	4.83	5.14	4.83	4.83	6.04	5.47
1932	t°	0.1	-0.4	-0.4	1.0	11.5	16.2	22.7	19.0	13.9	8.6	2.6	2.1
	$S^{\circ}/_{00}$	5.02	6.11	5.90	—	4.99	5.45	5.58	5.82	5.56	5.13	5.18	5.18
1933	t°	-0.0	-0.3	-0.1	4.3	11.1	17.4	19.0	16.7	12.4	7.5	1.6	-0.3
	$S^{\circ}/_{00}$	5.28	5.27	(4.58)	4.88	6.23	6.21	6.52	7.01	6.47	5.63	5.59	5.58
1934	t°	-0.2	-0.3	0.2	4.7	11.7	16.6	21.1	19.4	16.9	10.8	5.6	1.1
	$S^{\circ}/_{00}$	5.66	5.55	5.68	4.45	6.49	6.66	6.48	5.94	5.73	5.33	5.56	5.66

1929. Tulelaev „Tallinn“ $\varphi = 59^{\circ}45'$ $\lambda = 24^{\circ}43'5$
Das Leuchtschiff „Tallinn“ J. Komende.

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	2.6	—	—	—	—	5.7	14.4	15.4	14.0	12.3	9.1	6.5
2	2.8	—	—	—	—	5.1	15.3	15.2	14.0	12.2	8.9	6.8
3	3.1	—	—	—	—	5.2	14.7	14.4	14.0	12.2	8.7	6.8
4	3.1	—	—	—	—	5.2	14.9	15.1	14.0	12.1	8.7	7.1
5	3.1	—	—	—	—	4.9	13.5	15.1	13.7	11.9	8.2	6.4
6	3.0	—	—	—	—	4.6	12.9	15.1	14.3	11.8	8.6	6.6
7	2.9	—	—	—	—	5.9	13.0	15.7	13.0	11.8	8.6	6.6
8	2.2	—	—	—	—	5.8	12.0	15.5	15.5	11.8	8.2	6.8
9	2.8	—	—	—	—	1.7	2.9	10.9	16.3	13.6	11.9	8.2
10	2.7	—	—	—	—	2.7	6.3	11.0	16.3	13.3	11.9	8.3
11	2.6	—	—	—	—	2.3	6.8	11.3	15.5	13.4	11.5	8.4
12	2.3	—	—	—	—	2.1	6.8	12.0	15.5	13.5	11.4	8.4
13	2.4	—	—	—	—	3.3	7.4	13.0	13.3	12.9	11.3	8.3
14	2.3	—	—	—	—	3.8	8.0	11.8	15.6	12.6	11.2	8.2
15	1.3	—	—	—	—	3.4	9.7	12.4	14.7	12.5	10.5	8.2
16	1.8	—	—	—	—	2.8	8.9	12.5	13.9	12.6	10.4	7.9
17	1.2	—	—	—	—	3.5	10.6	12.9	13.2	12.9	10.2	7.8
18	1.2	—	—	—	—	3.4	10.9	12.9	16.0	13.1	10.6	7.7
19	1.3	—	—	—	—	2.9	10.4	13.4	15.0	13.0	10.2	7.6
20	1.5	—	—	—	—	2.9	10.7	13.8	13.0	12.4	10.0	7.5
21	1.4	—	—	—	—	3.2	12.2	14.4	14.0	13.0	10.1	7.4
22	1.3	—	—	—	—	3.1	11.4	14.0	15.0	12.8	10.0	7.2
23	1.0	—	—	—	—	3.8	12.0	14.6	15.0	12.7	10.0	7.2
24	0.8	—	—	—	—	4.0	12.2	13.5	15.0	12.7	9.9	7.3
25	0.7	—	—	—	—	4.4	12.0	13.6	15.0	12.8	9.7	7.2
26	0.5	—	—	—	—	3.9	10.2	13.4	15.0	12.4	9.7	7.1
27	0.4	—	—	—	—	5.0	12.7	13.8	15.0	12.4	9.4	7.0
28	0.5	—	—	—	—	6.9	11.9	14.0	14.0	12.5	9.5	7.0
29	0.1	—	—	—	—	6.7	12.5	15.2	14.0	12.6	9.4	7.0
30	—	—	—	—	—	6.0	13.1	15.2	14.0	12.5	9.2	6.6
31	—	—	—	—	—	6.6	—	—	—	—	—	5.0
7h	1.8	—	—	—	—	(3.4)	8.4	13.1	14.7	13.0	10.8	7.9
13h	1.8	—	—	—	—	(3.8)	8.8	13.4	15.0	13.2	10.8	7.9
21h	1.8	—	—	—	—	(3.7)	8.9	13.5	14.7	13.1	10.7	7.9
K.	1.8	—	—	—	—	(3.6)	8.7	13.3	14.8	13.1	10.8	7.9
N.	—	—	—	—	—	—	—	—	—	—	—	5.9
Soolsus 13h Salzgehalt.												
1	5.86	—	—	—	—	5.68	4.74	5.46	6.06	5.66	5.90	5.52
6	5.91	—	—	—	—	5.07	5.46	5.77	6.22	5.93	5.81	5.84
11	5.88	—	—	—	—	5.03	5.30	5.88	6.02	5.57	5.95	5.97
16	5.82	—	—	—	—	5.34	—	—	5.86	5.77	5.95	5.55
21	5.93	—	—	—	—	5.32	5.12	4.94	6.04	5.95	5.99	5.84
26	5.86	—	—	—	—	5.16	5.08	3.25	5.93	5.59	5.86	5.82
13h	5.88	—	—	—	—	(5.43)	5.20	4.80	5.82	5.93	5.83	5.90

1930 Tulelaev „Tallinn“ $\varphi = 59^{\circ}43'$ $\lambda = 24^{\circ}43'5$
Das Leuchtschiff „Tallinn“ J. Komende.

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	—	3.1	0.6	1.5	4.4	7.9	14.9	18.5	15.4	10.6	7.3	5.0
2	5.0	3.0	0.7	1.5	4.5	7.7	16.2	19.0	15.3	10.5	7.0	4.8
3	4.8	2.7	0.7	1.6	4.6	8.1	15.4	17.9	16.1	10.5	7.4	4.7
4	4.7	2.9	0.8	1.6	3.8	8.2	15.9	17.5	15.5	10.4	7.7	4.7
5	4.5	2.7	0.7	1.7	3.4	8.7	17.0	18.0	15.1	10.0	7.4	4.7
6	4.6	2.9	0.5	1.9	4.1	9.0	16.6	18.0	15.0	9.7	7.4	4.7
7	4.6	2.6	0.8	2.1	4.6	9.4	17.4	18.0	14.5	9.0	7.1	4.7
8	4.7	2.4	0.8	2.2	4.8	9.8	17.3	18.0	14.6	8.8	7.0	4.7
9	4.6	1.9	0.8	2.8	4.4	10.0	15.6	—	14.3	8.4	6.9	4.3
10	4.5	1.8	1.0	2.8	4.7	10.0	16.3	—	14.0	8.2	6.8	4.4
11	4.2	1.7	1.0	3.0	4.4	10.1	17.1	—	14.0	8.2	6.5	4.5
12	4.2	1.8	1.0	2.7	4.8	10.4	15.6	—	14.9	7.1	6.3	4.6
13	4.4	1.6	1.0	3.0	5.6	10.9	15.0	—	13.4	7.9	6.5	4.5
14	4.2	1.1	0.5	3.5	6.2	11.4	14.9	—	13.4	7.9	6.1	4.4
15	4.2	0.7	0.5	3.3	5.8	11.9	16.1	—	12.8	7.8	6.4	4.0
16	4.2	0.7	0.5	3.1	6.3	11.9	15.6	—	13.1	8.1	5.6	3.6
17	4.0	0.6	0.5	2.8	7.2	11.8	16.4	—	13.0	8.1	5.4	3.6
18	3.9	0.6	0.5	2.2	8.0	12.1	15.5	—	12.5	7.9	5.9	3.6
19	4.2	0.4	0.5	2.3	7.7	13.9	17.3	16.0	10.9	8.5	6.0	3.6
20	4.3	0.3	0.5	2.4	8.2	14.4	15.6	16.0	11.1	8.4	6.0	3.6
21	4.2	0.2	0.5	2.4	8.0	15.0	15.0	15.6	11.1	8.4	5.1	3.9
22	4.0	0.2	1.2	2.6	8.8	14.7	13.0	15.3	11.5	8.4	5.6	—
23	3.9	0.2	1.1	2.5	8.9	15.4	17.1	15.0	10.5	8.3	5.4	—
24	4.0	0.1	1.2	2.7	9.8	15.1	16.6	15.4	10.5	8.2	5.4	—
25	4.1	0.2	1.2	3.0	10.1	16.5	17.0	14.8	10.8	8.2	5.2	—
26	4.0	0.4	1.2	2.9	10.4	15.1	17.9	14.7	10.9	8.2	5.0	—
27	3.9	0.4	1.2	3.0	10.3	14.0	17.5	14.4	11.2	8.1	5.1	—
28	3.9	0.4	1.3	3.0	10.4	14.1	17.8	15.1	10.8	8.2	4.8	—
29	3.7	—	1.4	3.2	8.7	14.3	17.8	16.1	11.0	7.9	4.7	—
30	3.5	—	1.4	3.6	7.3	14.1	17.6	16.9	11.1	7.9	5.1	—
31	3.2	—	1.3	—	7.6	—	18.2	16.3	—	7.9	—	—
7h	4.1	1.3	0.8	2.3	6.5	11.5	16.1	—	12.8	8.5	6.1	—
13h	4.2	1.3	0.9	2.6	6.7	11.9	16.4	—	12.9	8.6	6.1	—
21h	4.2	1.4	0.9	2.6	6.9	11.9	16.6	—	12.8	8.5	6.1	—
K.	4.2	1.3	0.9	2.5	6.7	11.8	16.4	—	12.8	8.5	6.1	—
N.	—	—	—	—	—	—	—	—	—	—	—	—
Soolsus 13h Salzgehalt.												
1	—	5.61	5.25	5.79	5.12	5.21	4.72	3.78	5.10	4.63	5.35	5.75
6	5.68	5.97	5.30	5.72	5.05	5.30	4.69	4.13	5.16	5.07	5.34	5.63
11	5.61	5.73	5.43	5.30	5.52	4.76	4.13	—	4.96	5.32	5.30	5.82
16	5.46	5.0	5.34	5.54	5.12	4.53	4.16	—	4.63	5.25	5.63	5.84
21	5.54	4.99	5.72	5.23	5.01	4.74	4.22	4.49	4.61	5.52	5.75	5.55
26	5.81	5.12	5.48	5.12	5.21	4.81	3.82	4.47	4.58	—	5.81	—
13h	5.62	5.40	5.44	5.45	5.17	4.94	4.29	(4.22)	4.84	5.20	5.53	5.72

1931 Tulelaev „Tallinn“
Das Leuchtschiff „Tallinn“
 $\varphi = 59^{\circ} 43'$ $\lambda = 24^{\circ} 43' 5$
J. Komende.

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Temperatur 13h Temperatur.												
1	1.2	1.1	—	—	—	6.9	12.2	19.5	16.9	11.0	8.4	5.9
2	1.7	1.1	—	—	—	7.9	13.8	19.3	17.0	10.2	8.2	5.6
3	1.5	0.7	—	—	—	6.1	14.7	19.6	16.7	10.6	8.2	5.6
4	1.5	0.9	—	—	—	2.1	5.9	15.0	19.3	16.2	10.9	8.1
5	1.3	0.7	—	—	—	2.2	6.5	15.4	19.3	13.5	11.6	8.0
6	1.3	0.7	—	—	—	2.1	6.4	16.4	18.9	15.2	11.1	8.0
7	1.3	0.7	—	—	—	2.3	6.4	16.2	19.2	15.4	11.6	7.9
8	1.4	0.2	—	—	—	1.7	7.7	16.5	19.1	15.7	11.7	7.6
9	1.3	0.0	—	—	—	2.4	6.8	17.1	19.3	15.6	11.4	7.6
10	1.3	—	—	—	—	2.5	7.1	17.1	18.7	15.7	11.0	6.9
11	1.2	—	—	—	—	2.0	7.5	17.6	18.2	15.7	10.6	7.2
12	1.2	—	—	—	—	2.0	8.5	18.0	18.2	15.5	10.5	7.0
13	1.0	—	—	—	—	2.8	9.5	18.5	18.9	14.9	10.5	6.9
14	1.0	—	—	—	—	2.0	10.9	18.2	19.1	14.6	10.4	6.8
15	1.1	—	—	—	—	2.8	11.1	18.5	19.1	14.0	10.3	6.6
16	1.1	—	—	—	—	5.4	8.2	18.5	19.0	13.8	10.3	6.5
17	1.2	—	—	—	—	5.1	8.1	18.0	19.2	14.4	10.1	6.4
18	1.2	—	—	—	—	4.2	8.3	16.0	18.7	14.1	9.8	6.3
19	1.3	—	—	—	—	6.6	9.2	18.0	18.9	14.2	9.5	5.9
20	1.3	—	—	—	—	5.2	9.2	18.0	18.7	14.0	9.4	5.7
21	1.3	—	—	—	—	5.3	9.8	16.0	18.0	13.8	9.5	5.8
22	—	—	—	—	—	6.2	10.1	16.0	17.4	13.9	9.4	5.8
23	—	—	—	—	—	4.8	10.4	15.0	17.3	13.5	9.3	5.8
24	1.1	—	—	—	—	5.7	11.4	16.0	17.1	9.6	9.3	5.9
25	1.2	—	—	—	—	6.6	9.8	19.0	17.0	9.4	9.3	5.5
26	1.2	—	—	—	—	5.9	11.2	21.0	16.3	9.3	9.1	5.6
27	1.2	—	—	—	—	5.5	11.7	22.0	16.8	9.8	9.1	5.6
28	1.3	—	—	—	—	5.6	11.6	20.0	16.5	11.3	9.0	5.6
29	1.2	—	—	—	—	5.7	12.0	18.0	16.8	11.0	8.7	5.6
30	1.3	—	—	—	—	6.6	12.0	18.0	17.1	11.3	8.6	5.8
31	1.1	—	—	—	—	7.2	19.0	17.4	—	8.5	—	4.7
7h	1.2	—	—	—	—	4.0	8.6	16.4	18.1	13.8	10.0	6.8
13h	1.2	—	—	—	—	4.2	8.9	17.2	18.3	13.9	10.1	6.7
21h	1.2	—	—	—	—	4.3	9.1	17.1	18.4	13.8	10.0	6.7
K.	1.2	—	—	—	—	4.2	8.9	16.9	18.3	13.8	10.0	6.7
N.	—	—	—	—	—	—	—	—	—	—	—	—
Soolus 13h Salzgehalt.												
1	5.81	6.09	—	—	—	5.55	4.60	3.96	5.34	5.93	6.15	5.84
6	6.02	6.20	—	—	—	5.57	4.99	4.38	4.74	5.57	6.22	5.64
11	6.04	—	—	—	—	5.77	5.12	4.36	5.45	5.77	5.54	5.73
16	5.99	—	—	—	—	5.30	5.19	4.83	4.70	6.06	5.55	5.72
21	6.11	—	—	—	—	5.10	—	4.31	4.87	6.00	5.99	5.79
26	5.93	—	—	—	—	5.77	5.03	3.80	4.76	5.30	6.11	5.61
13h	5.98	—	—	—	—	5.50	5.18	4.38	4.75	5.67	6.09	5.78

[illegible]

1933 Tulelaev „Tallinn“ $\varphi = 59^{\circ} 43' \lambda = 24^{\circ} 43' 5$
Das Leuchtschiff „Tallinn“ K. Tiismann.

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	4.6	0.9	—	—	3.2	8.3	13.0	16.6	15.2	11.9	7.7	4.2
2	4.4	1.6	—	—	3.0	6.6	13.5	17.3	14.9	11.8	7.7	3.8
3	4.2	1.2	—	—	3.1	7.4	13.4	17.4	14.5	11.3	7.5	3.7
4	4.4	1.0	—	—	3.0	8.6	12.8	17.4	13.4	11.1	7.4	3.8
5	4.3	0.9	—	—	2.8	8.1	13.2	16.5	14.2	11.0	7.4	3.8
6	4.0	0.9	—	—	3.0	8.9	14.1	16.7	12.7	10.8	7.3	3.8
7	4.2	0.9	—	—	3.2	10.1	14.6	16.5	12.2	10.5	7.2	3.6
8	4.0	0.6	—	—	3.0	10.6	16.0	16.3	10.6	10.5	7.1	3.6
9	3.5	0.6	—	—	3.2	11.0	16.7	16.0	11.8	10.6	6.8	3.7
10	3.5	0.9	—	—	3.5	12.2	18.6	16.4	13.6	10.0	6.9	3.6
11	3.5	0.8	—	—	3.6	15.5	18.9	16.0	12.4	10.3	6.8	3.3
12	3.5	0.8	—	—	1.1	3.7	15.0	18.1	16.1	12.8	9.5	6.7
13	3.4	0.7	—	—	1.0	3.5	10.4	18.2	15.8	13.7	9.6	6.6
14	3.4	0.5	—	—	1.1	3.3	10.7	17.6	16.5	13.1	9.5	6.3
15	3.5	0.3	—	—	1.1	3.4	12.0	15.0	16.4	11.5	9.4	6.2
16	3.2	0.2	—	—	1.2	3.8	13.1	15.0	16.5	11.4	9.3	6.0
17	3.0	—	—	—	1.1	3.4	13.3	15.5	16.7	10.3	9.1	5.8
18	2.9	—	—	—	1.2	3.7	10.1	15.5	16.4	11.9	9.1	5.5
19	3.0	—	—	—	1.1	4.0	9.3	15.5	16.5	10.0	9.2	5.1
20	2.9	—	—	—	1.2	4.2	7.3	16.0	14.7	10.5	9.2	5.0
21	2.4	—	—	—	1.2	4.4	6.9	16.5	15.3	10.1	9.0	4.9
22	2.1	—	—	—	1.7	3.7	7.9	16.0	15.3	10.0	8.9	4.9
23	1.1	—	—	—	1.6	4.7	12.4	16.5	16.1	10.9	8.7	4.9
24	1.3	—	—	—	1.5	4.2	10.4	16.5	14.6	12.0	8.6	4.8
25	1.9	—	—	—	1.5	4.2	9.9	16.0	14.1	11.1	8.4	4.7
26	1.5	—	—	—	1.7	4.2	12.2	16.0	14.0	11.8	8.3	4.6
27	0.7	—	—	—	2.0	5.0	11.2	16.5	13.8	10.9	8.2	4.4
28	0.6	—	—	—	2.4	5.5	13.1	16.5	14.5	11.4	8.2	4.3
29	0.8	—	—	—	2.6	6.6	13.4	16.5	14.8	11.8	8.1	4.0
30	0.7	—	—	—	2.6	6.2	11.6	16.5	14.5	11.7	8.1	4.2
31	1.2	—	—	—	6.4	—	—	16.5	15.0	—	8.0	—
7h	2.8	—	—	—	3.8	10.3	15.6	15.7	11.9	9.6	6.0	2.8
13h	2.8	—	—	—	4.0	10.6	15.8	15.8	12.1	9.6	6.0	2.9
21h	2.8	—	—	—	4.1	10.6	16.0	15.8	12.0	9.5	5.9	2.8
K.	2.8	—	—	—	4.0	10.5	15.8	15.8	—	—	—	—
M.	—	—	—	—	—	—	—	—	—	—	—	—
Soolus 13h Salzgehalt.												
1	5.88	5.66	—	—	6.13	5.77	4.27	5.37	4.81	4.76	5.77	5.70
6	5.84	5.82	—	—	5.23	5.54	4.80	5.55	5.25	5.05	5.64	5.73
11	5.88	5.79	—	—	5.43	4.60	4.40	5.75	4.52	5.10	5.79	5.73
16	5.90	5.64	—	—	5.52	5.26	4.51	4.76	5.77	4.94	5.39	5.82
21	6.06	—	—	—	5.57	5.57	5.23	5.08	5.37	5.08	5.48	5.86
26	5.55	—	—	—	5.37	5.48	4.33	5.21	5.63	4.74	—	6.13
13h	5.85	(5.73)	—	—	(5.47)	5.52	5.00	4.75	4.89	5.16	5.70	5.84

1934 Tulelaev „Tallinn“ $\varphi = 59^{\circ} 43' \lambda = 24^{\circ} 43' 5$
Das Leuchtschiff „Tallinn“ K. Tiismann.

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	—	—	—	—	2.4	6.8	16.7	10.3	16.8	14.6	9.3	6.5
2	—	0.4	—	—	3.5	8.6	14.5	12.3	16.0	14.2	9.9	6.2
3	—	0.5	—	—	3.1	7.8	15.5	13.0	16.1	14.5	10.6	6.1
4	—	0.4	—	—	2.5	7.4	15.0	13.4	16.0	13.5	10.4	6.1
5	—	0.4	—	—	2.9	8.1	16.2	10.8	17.0	13.6	8.6	6.3
6	0.8	0.5	—	—	3.5	8.7	15.0	11.4	16.6	14.0	10.0	6.1
7	0.8	0.5	—	—	3.9	9.2	16.0	13.4	16.4	13.6	9.7	6.1
8	0.9	0.3	—	—	4.8	10.4	15.2	14.5	16.6	13.3	10.0	6.1
9	1.0	0.3	—	—	6.2	10.1	16.2	15.5	16.2	11.3	9.9	5.7
10	0.6	0.2	—	—	3.8	10.2	16.0	17.7	15.8	11.3	9.6	5.9
11	1.0	0.3	—	—	3.6	10.8	15.5	18.4	15.0	13.4	9.5	5.7
12	1.1	0.1	—	—	3.7	10.6	15.5	18.2	15.0	12.0	9.4	5.6
13	0.9	0.0	—	—	3.8	10.6	16.0	18.2	16.2	12.5	9.4	5.4
14	0.8	—	—	—	4.5	10.3	16.1	18.2	15.2	13.0	9.2	5.4
15	0.6	—	—	—	4.2	9.5	18.0	18.5	14.7	13.1	9.1	5.2
16	0.6	—	—	—	4.3	10.0	19.0	18.1	15.2	12.9	8.5	5.2
17	0.6	—	—	—	4.9	10.5	18.2	18.4	15.4	12.9	9.1	5.2
18	0.7	—	—	—	5.0	10.5	18.0	17.1	15.4	12.7	8.7	5.2
19	0.7	—	—	—	4.8	10.8	18.0	17.3	15.7	12.5	8.6	5.4
20	0.7	—	—	—	5.1	10.7	12.0	17.1	15.6	12.1	8.6	5.3
21	0.4	—	—	—	5.4	11.2	14.0	17.4	15.5	10.8	8.5	5.2
22	0.4	—	—	—	5.3	11.2	14.0	17.6	15.1	10.8	8.5	5.1
23	0.7	—	—	—	5.5	11.5	14.1	17.9	15.5	10.8	7.6	5.1
24	0.5	—	—	—	5.2	12.0	14.9	17.8	15.1	11.1	8.1	4.9
25	0.5	—	—	—	5.0	12.2	14.4	17.7	14.4	10.6	7.9	5.0
26	0.6	—	—	—	5.4	12.8	14.9	17.9	14.3	11.3	7.8	4.8
27	0.7	—	—	—	5.4	14.1	14.2	18.0	14.4	11.7	7.8	5.1
28	0.7	—	—	—	5.8	14.0	14.2	17.7	13.8	11.5	7.3	4.6
29	0.4	—	—	—	6.1	14.4	12.5	17.2	14.0	11.3	7.4	4.4
30	0.7	—	—	—	2.2	14.6	12.5	17.2	14.3	11.3	7.1	4.4
31	0.6	—	—	—	8.5	—	12.6	16.9	—	9.8	—	4.4
7h	—	—	—	—	4.5	10.4	15.2	16.2	15.3	12.3	8.9	5.4
13h	—	—	—	—	4.7	10.6	15.3	16.3	15.4	12.4	8.9	5.4
21h	—	—	—	—	4.8	11.0	15.4	16.4	15.5	12.4	8.8	5.4
K.	—	—	—	—	4.7	10.7	15.3	16.3	15.4	12.4	8.9	5.4
M.	—	—	—	—	—	—	—	—	—	—	—	—
Soolus 13h Salzgehalt.												
1	—	6.20	—	—	6.08	6.00	5.14	5.72	4.89	4.90	5.90	6.08
6	6.15	6.19	—	—	6.08	5.82	5.82	5.86	4.92	4.90	6.00	6.11
11	6.20	6.28	—	—	6.13	5.95	5.48	4.04	5.21	6.00	6.08	6.00
16	6.24	—	—	—	5.81	5.75	5.23	4.38	4.80	5.88	6.06	5.93
21	6.13	—	—	—	5.93	5.37	5.46	4.96	5.07	5.86	6.08	6.06
26	6.13	—	—	—	6.17	5.72	5.61	5.37	4.99	5.86	6.11	6.09
13h	6.17	(6.22)	—	—	5.96	5.75	5.42	5.00	4.98	5.73	6.04	6.04

Kuu- ja aasta-ülevaade.

Monats- und Jahresübersicht.

Tulelaev „Tallinn“
Das Leuchtschiff „Tallinn“ $\varphi = 59^{\circ} 43'$ $\lambda = 24^{\circ} 43'.5$

Aasta Jahr		I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1929	t° $S^{\circ}/_{00}$	1.8 5.88	— —	— —	— —	(3.6) (5.43)	8.7 5.20	13.3 4.80?	14.8 5.82	13.1 5.93	10.8 5.83	7.9 5.90	5.9 5.72
1930	t° $S^{\circ}/_{00}$	4.2 5.62	1.3 5.40	0.9 5.44	2.5 5.45	6.7 5.17	11.8 4.94	16.4 4.29	— (4.22)	12.8 4.84	8.5 5.20	6.1 5.53	— 5.72
1931	t° $S^{\circ}/_{00}$	— (6.25)	— —	— —	— —	— (5.34)	8.0 5.72	14.4 5.89	17.2 5.92	13.4 6.02	9.2 5.79	6.1 5.98	3.0 6.00
1932	t° $S^{\circ}/_{60}$	1.2 5.98	— —	— —	— —	4.2 5.50	8.9 5.18	16.9 4.38	18.3 4.75	13.8 5.67	10.0 6.09	6.7 5.78	4.9 5.77
1933	t° $S^{\circ}/_{00}$	2.8 5.85	— (5.73)	— —	— (5.47)	4.0 5.52	10.5 5.00	15.8 4.75	15.8 5.57	12.0 4.89	9.6 5.16	6.0 5.70	2.8 5.84
1934	t° $S^{\circ}/_{00}$	— 6.17	— (6.22)	— —	— —	4.7 5.96	10.7 5.75	15.3 5.42	16.3 5.00	15.4 4.98	12.4 5.73	8.9 6.04	5.4 6.04

 $\varphi = 59^{\circ} 05'.5$ $\lambda = 22^{\circ} 12'$
J. Kaev; K. Tiismann.1929 Tulelaev „Hiiumadal“
Das Leuchtschiff „Hiiumadal“

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Temperatuur 13h Temperatur.												
1	3.8	—	—	—	1.2	4.0	15.0	14.5	15.0	12.5	9.0	7.8
2	3.5	—	—	—	0.8	4.4	15.7	14.5	14.8	12.4	9.4	7.7
3	3.5	—	—	—	1.2	5.0	15.2	13.5	14.7	12.2	9.2	7.0
4	3.8	—	—	—	1.4	5.2	15.0	13.5	14.6	12.5	9.5	7.3
5	3.0	—	—	—	2.0	5.1	14.2	13.8	14.6	12.5	8.8	7.0
6	3.2	—	—	—	1.5	5.4	14.4	14.5	14.6	12.3	9.3	7.3
7	2.8	—	—	—	2.4	5.8	14.2	14.5	14.2	12.0	9.0	7.6
8	2.3	—	—	—	2.0	5.3	10.5	15.5	13.5	12.3	9.0	7.1
9	2.5	—	—	—	2.2	5.5	12.5	15.5	12.8	12.4	9.0	7.5
10	2.4	—	—	—	2.7	5.7	12.8	15.5	12.9	12.3	9.3	7.5
11	2.6	—	—	—	3.0	6.4	9.5	16.0	12.9	12.2	9.0	7.0
12	3.0	—	—	—	2.8	7.8	10.0	15.5	13.0	12.1	9.2	7.0
13	2.8	—	—	—	4.0	9.0	11.2	15.5	13.0	12.0	9.2	7.0
14	1.4	—	—	—	3.5	9.8	11.0	15.0	13.4	11.8	9.1	7.0
15	1.3	—	—	—	3.8	10.6	13.2	14.5	13.0	11.6	8.5	7.0
16	1.0	—	—	—	4.2	10.2	14.5	14.5	13.0	11.0	7.4	7.0
17	1.2	—	—	—	4.4	10.5	11.5	15.7	12.9	10.7	7.5	7.0
18	1.4	—	—	—	3.8	10.5	11.2	16.0	13.0	10.4	7.2	6.5
19	1.5	—	—	—	3.0	10.5	12.4	15.6	12.8	9.8	6.9	6.5
20	0.8	—	—	—	3.0	10.8	13.2	15.0	12.8	10.0	6.9	6.5
21	1.5	—	—	—	3.5	11.4	13.4	15.2	13.6	9.5	6.8	6.5
22	1.0	—	—	—	4.1	11.5	13.0	15.2	13.5	9.8	7.5	6.2
23	—	—	—	—	5.0	11.6	13.3	15.0	13.5	9.8	7.9	5.8
24	0.2	—	—	—	6.1	11.6	12.8	15.0	12.2	9.8	7.5	5.5
25	—	—	—	—	6.5	11.3	12.0	14.9	13.2	10.0	7.5	3.5
26	—	—	—	—	7.5	11.5	12.7	14.8	12.8	10.2	7.4	4.2
27	—	—	—	—	8.2	12.5	13.7	14.8	12.6	10.0	7.7	5.2
28	—	—	—	—	0.8	9.5	13.0	14.0	14.5	13.0	10.0	7.8
29	—	—	—	—	1.0	9.5	14.2	13.9	14.8	12.6	9.8	7.8
30	—	—	—	—	6.7	16.1	14.6	14.7	12.8	10.0	6.8	6.0
31	—	—	—	—	6.2	—	15.4	14.8	—	9.5	—	5.0
7h	—	—	—	—	3.6	8.6	12.6	14.3	13.3	11.0	8.2	6.5
13h	—	—	—	—	4.1	9.1	13.1	14.9	13.4	11.1	8.2	6.5
21h	—	—	—	—	4.0	9.2	12.9	14.9	13.3	11.1	8.2	6.5
K.	—	—	—	—	3.9	9.0	12.9	14.7	13.3	11.1	8.2	—
M.	—	—	—	—	—	—	—	—	—	—	—	—
Soolsus 13h Salzgehalt.												
1	6.94	—	—	—	6.85	6.51	6.55	6.71	6.64	6.64	6.69	6.78
6	6.94	—	—	—	6.96	6.31	6.47	6.71	6.62	6.67	6.56	—
11	6.40	—	—	—	6.93	6.64	6.74	6.69	6.51	6.53	6.78	6.89
16	6.87	—	—	—	6.67	6.60	6.69	6.64	6.38	6.73	6.69	6.89
21	6.73	—	—	—	6.51	6.47	6.33	6.65	6.65	6.64	6.15	6.58
26	—	—	—	—	6.44	6.71	6.65	6.71	6.46	6.83	—	6.73
13h	6.78	—	—	—	6.73	6.54	6.57	6.68	6.54	6.67	6.57	6.77

1930 Tulelaev „Hiiumadal“ $\varphi = 59^{\circ}05'.5 \lambda = 22^{\circ}12'$
Das Leuchtschiff „Hiiumadal“ J. Kaev.

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	5.5	1.5	1.8	2.5	5.6	9.2	15.4	19.0	15.8	10.6	8.9	6.0
2	5.2	2.1	2.0	2.5	5.6	9.2	16.6	18.6	15.5	10.5	8.6	6.0
3	4.8	1.4	2.0	2.5	5.5	9.7	16.5	18.6	16.0	10.2	8.6	6.2
4	5.0	0.6	2.0	2.5	5.2	9.4	18.8	18.4	15.0	10.0	8.0	6.1
5	5.0	0.4	1.8	3.0	5.2	9.2	17.0	18.6	15.3	9.9	9.1	6.2
6	5.4	1.2	1.4	3.0	5.2	9.3	16.4	18.5	15.0	9.0	8.8	6.2
7	5.5	1.4	1.8	3.2	5.4	9.7	17.5	18.5	14.6	5.0	8.8	6.3
8	5.5	1.6	2.0	3.7	5.2	9.4	17.6	18.2	14.3	6.5	8.6	—
9	5.4	2.4	2.2	3.6	5.0	9.0	14.5	18.3	13.7	7.6	9.0	—
10	4.8	1.3	2.2	4.6	5.6	9.5	15.0	18.4	13.0	8.6	8.5	—
11	4.6	2.2	2.4	5.4	5.3	9.5	17.5	18.4	13.0	8.5	8.6	—
12	4.5	0.4	1.4	5.0	6.5	10.5	15.5	18.2	12.8	8.4	8.4	—
13	4.2	2.4	2.5	5.0	6.6	11.6	15.0	17.6	12.8	9.1	8.5	—
14	4.4	2.6	2.0	4.5	7.0	11.3	14.8	17.6	11.6	9.4	8.0	—
15	4.3	2.7	1.8	4.2	6.5	11.5	15.7	17.4	13.0	9.5	8.2	—
16	4.6	2.8	2.3	5.2	7.4	11.4	18.9	17.8	13.1	9.5	7.6	—
17	4.5	2.6	1.8	4.6	7.6	12.8	16.8	16.8	13.3	9.7	7.4	—
18	5.0	2.8	1.4	3.0	8.5	14.5	16.5	17.0	12.9	9.8	6.8	—
19	5.0	2.2	2.6	3.6	9.3	14.5	16.2	18.1	11.5	9.8	7.9	2.8
20	5.0	2.2	2.1	3.6	9.6	16.0	15.0	—	11.6	9.5	6.5	2.8
21	5.0	2.2	2.0	3.6	9.8	16.5	15.3	—	11.3	9.6	6.3	1.8
22	4.5	2.1	2.4	4.0	9.5	16.8	15.6	—	11.5	9.2	6.4	3.2
23	4.2	2.0	2.5	4.2	10.4	17.0	16.5	—	10.5	9.2	5.6	4.2
24	4.4	1.5	2.1	4.4	10.6	17.2	16.3	—	10.8	9.0	5.8	3.1
25	4.2	1.6	2.4	5.0	11.4	18.0	17.0	—	11.4	9.0	5.3	3.2
26	4.3	1.0	2.4	4.8	12.6	16.5	17.2	—	11.5	9.0	4.8	2.2
27	4.2	1.5	2.5	5.2	12.8	15.3	17.5	—	11.9	8.8	6.3	2.4
28	3.6	1.6	2.5	4.9	12.2	16.5	16.0	—	11.6	8.8	6.2	3.0
29	3.8	2.8	2.5	4.5	10.2	15.5	17.5	—	11.7	8.8	6.2	2.5
30	3.0	3.0	2.5	5.0	7.7	14.4	17.8	17.0	11.4	9.1	6.7	2.4
31	2.1	2.1	2.5	7.8	7.8	—	—	16.5	11.4	9.0	—	2.6
7h	4.5	1.8	2.0	3.8	7.6	12.3	16.0	—	12.8	9.1	7.5	—
13h	4.5	1.8	2.1	4.0	7.8	12.7	16.5	—	12.9	9.0	7.5	—
21h	4.5	1.8	2.1	4.0	7.8	12.5	16.4	—	12.9	9.0	7.5	—
K.	4.5	1.8	2.1	3.9	7.7	12.5	16.3	—	12.9	9.0	7.5	—
M.	—	—	—	—	—	—	—	—	—	—	—	—

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	6.87	6.58	6.28	6.56	6.31	6.26	5.77	6.15	6.22	6.51	6.76	6.74
6	6.91	6.42	6.17	6.65	6.20	6.37	5.64	6.11	6.26	6.17	6.85	6.96
11	6.80	6.71	6.28	6.49	6.19	5.63	5.93	6.20	6.33	6.69	7.18	—
16	6.85	6.62	6.47	6.64	6.13	5.90	5.86	6.24	6.46	6.87	6.98	—
21	6.89	6.51	6.74	6.49	6.26	5.59	5.91	—	6.49	6.85	6.71	6.87
26	6.55	6.02	6.71	6.80	6.20	5.72	6.02	—	6.31	6.69	6.96	6.83
13h	6.81	6.48	6.44	6.57	6.21	5.91	5.85	(6.18)	6.36	6.58	6.86	(6.86)

1931 Tulelaev „Hiiumadal“ $\varphi = 59^{\circ}05'.5 \lambda = 22^{\circ}12'$
Das Leuchtschiff „Hiiumadal“ J. Kaev. K. Tiismann.

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	1.6	—	—	—	3.3	5.5	11.8	16.2	15.0	9.5	6.4	2.5
2	0.4	—	—	—	4.6	7.7	13.0	17.0	15.0	9.0	6.5	4.5
3	0.2	—	—	—	4.1	8.2	13.6	17.4	15.0	9.5	6.5	5.0
4	—	—	—	—	4.5	5.8	14.0	17.7	15.0	9.2	6.6	4.0
5	0.2	—	—	—	4.6	6.0	15.0	16.9	15.0	9.2	6.8	4.5
6	0.2	—	—	—	4.6	6.2	15.6	16.5	15.0	9.6	6.9	4.0
7	0.2	—	—	—	4.6	6.5	15.6	17.5	15.0	8.5	6.7	4.0
8	0.6	—	—	—	5.5	7.6	16.0	17.0	14.5	9.4	6.7	4.0
9	0.2	—	—	—	3.4	7.8	14.8	17.0	14.5	9.4	7.1	4.0
10	0.3	—	—	—	3.5	10.0	13.5	17.0	13.5	9.4	6.2	4.5
11	1.6	—	—	—	3.5	9.0	13.6	16.5	13.5	9.4	6.2	4.0
12	1.8	—	—	—	3.5	8.9	13.9	16.5	13.2	9.6	6.2	4.0
13	1.5	—	—	—	3.5	9.5	13.9	16.5	13.0	9.4	6.5	4.0
14	1.2	—	—	—	3.5	10.1	13.9	16.5	12.6	9.3	6.0	4.0
15	1.5	—	—	—	4.0	9.7	15.6	16.5	12.2	9.0	6.0	4.0
16	1.4	—	—	—	4.5	10.7	16.4	17.0	12.6	9.3	6.3	3.0
17	0.8	—	—	—	5.5	10.0	15.2	17.0	13.0	9.3	6.0	2.4
18	0.9	—	—	—	6.0	10.7	14.2	17.0	12.8	8.7	5.8	1.9
19	0.8	—	—	—	5.5	10.8	14.0	16.5	12.8	8.8	5.2	2.0
20	0.6	—	—	—	5.5	11.0	13.8	17.0	12.5	8.7	5.2	2.0
21	0.3	—	—	—	5.5	10.4	14.3	17.5	12.2	8.2	5.2	2.6
22	0.4	—	—	—	3.5	11.0	14.3	17.0	10.4	8.2	4.6	2.4
23	0.5	—	—	—	1.5	4.2	10.2	13.5	17.0	11.0	4.5	2.5
24	0.6	—	—	—	1.5	4.2	10.6	14.0	17.0	11.3	4.8	2.8
25	—	—	—	—	1.9	4.6	10.2	16.0	16.5	11.3	7.1	4.5
26	—	—	—	—	2.0	6.0	11.2	16.0	16.0	9.6	7.4	4.8
27	—	—	—	—	2.8	6.8	10.8	16.6	16.0	7.0	4.4	2.4
28	—	—	—	—	3.2	8.0	11.4	16.6	15.5	6.7	4.2	2.0
29	—	—	—	—	2.9	9.0	11.0	16.3	15.5	9.6	6.5	3.8
30	—	—	—	—	3.0	4.6	11.4	16.0	15.5	9.2	6.6	3.8
31	—	—	—	—	5.1	—	—	15.5	15.0	6.5	—	1.5
7h	(0.6)	—	—	—	4.5	9.0	14.3	16.4	12.3	8.6	5.7	3.1
13h	(0.6)	—	—	—	4.8	9.3	14.7	16.6	12.5	8.6	5.7	3.2
21h	(0.6)	—	—	—	4.8	9.4	14.8	16.5	12.4	8.6	5.6	3.1
K.	(0.6)	—	—	—	4.7	9.2	14.6	16.5	12.4	8.6	5.7	3.1
M.	—	—	—	—	—	—	—	—	—	—	—	—

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	6.83	—	—	—	7.00	6.85	6.67	6.65	6.49	6.42	6.76	6.74
6	6.80	—	—	—	6.82	6.82	6.71	6.62	6.62	6.47	6.91	6.74
11	6.93	—	—	—	6.87	6.67	6.62	6.80	6.58	6.62	6.78	6.82
16	6.85	—	—	—	6.56	6.46	6.56	6.58	6.58	6.62	6.78	—
21	7.00	—	—	—	6.60	6.58	6.56	6.71	6.53	6.71	6.74	—
26	6.96	—	—	—	7.02	6.83	6.60	6.58	6.67	6.91	6.96	6.89
13h	6.89	—	—	—	6.78	6.66	6.62	6.64	6.62	6.60	6.84	6.79

1933 Tulelaev „Hiiumadal“ $\varphi = 59^{\circ}05'5''$ $\lambda = 22^{\circ}12'$
Das Leuchtschiff „Hiiumadal“ J. Kaev.

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	5.0	1.0	—	1.4	3.2	8.3	11.3	17.0	13.5	9.4	7.4	4.2
2	4.8	1.0	—	1.5	3.5	6.4	12.0	17.0	16.0	11.2	7.0	3.4
3	4.5	1.4	—	1.3	3.5	6.5	11.4	17.0	12.5	7.0	6.9	3.5
4	4.8	1.0	0.4	1.4	3.4	7.0	12.0	17.0	12.5	8.5	7.0	4.1
5	4.4	1.8	0.0	1.5	3.4	7.5	12.0	16.0	12.5	8.5	7.0	4.0
6	4.6	2.5	0.0	1.4	3.8	8.5	14.0	15.5	13.0	8.5	6.8	4.0
7	4.8	2.0	0.3	1.0	3.8	9.5	14.6	16.0	10.5	9.0	6.8	3.0
8	4.8	1.6	0.4	1.4	3.8	10.0	15.6	16.0	11.5	9.0	6.0	3.4
9	4.7	1.8	0.8	1.8	3.1	10.3	14.5	15.5	8.0	8.0	6.4	3.0
10	3.8	1.0	0.8	1.8	3.6	12.0	17.4	15.0	9.0	7.8	7.0	3.5
11	3.0	2.0	0.8	1.8	3.5	11.6	16.8	14.5	9.0	8.2	7.0	3.5
12	2.6	1.8	0.9	2.0	2.8	13.0	16.6	15.0	9.5	8.8	6.2	2.7
13	2.0	2.0	0.8	1.8	3.0	10.5	16.4	15.5	9.5	9.0	5.6	2.4
14	2.2	1.5	0.8	1.8	3.5	9.6	15.6	16.0	9.8	8.7	5.6	2.6
15	3.2	1.0	0.8	1.8	3.9	9.0	15.0	15.5	9.4	9.0	5.0	2.0
16	2.8	1.4	1.0	1.8	4.0	14.0	15.8	15.5	7.0	8.5	4.3	2.4
17	2.4	0.8	1.0	1.6	3.7	12.5	15.4	15.5	7.4	9.0	3.4	2.6
18	0.0	1.0	1.2	1.8	3.8	11.0	15.2	15.5	7.4	8.8	3.2	2.5
19	0.5	0.8	1.8	4.4	9.0	14.7	15.5	8.0	8.0	8.0	3.0	3.2
20	0.8	0.5	0.5	2.0	4.5	8.5	15.0	15.5	7.0	8.2	3.0	2.5
21	1.4	0.8	0.0	2.0	4.4	7.0	16.0	16.5	6.5	8.0	3.2	2.0
22	1.5	0.3	0.3	2.5	4.2	6.8	16.0	16.5	6.0	7.6	4.6	1.9
23	1.4	0.2	1.0	2.6	4.0	6.8	17.0	16.5	6.4	7.6	4.8	2.2
24	1.0	0.4	0.8	2.5	3.8	6.4	16.2	15.0	7.5	7.5	4.4	2.8
25	0.9	0.5	0.8	2.4	4.0	6.6	16.2	15.0	12.0	7.6	3.8	2.4
26	2.0	0.5	0.7	3.0	4.2	7.0	16.0	12.0	9.6	7.4	4.0	1.0
27	2.0	—	1.0	3.4	4.4	10.0	15.8	10.0	9.5	7.0	4.7	0.8
28	2.0	—	1.0	4.2	5.0	10.0	16.5	12.0	9.7	7.4	3.9	0.9
29	2.2	1.0	1.2	4.2	5.5	10.0	16.0	12.0	9.0	7.5	4.1	0.5
30	2.2	1.3	1.3	3.2	7.4	10.2	16.0	12.5	9.6	7.3	4.6	0.4
31	1.8	1.3	1.3	8.0	—	16.4	13.0	—	—	7.0	—	0.0
7h	2.7	1.2	0.6	1.9	4.0	8.5	14.7	14.9	9.3	8.2	5.3	2.6
13h	2.7	1.2	0.7	2.1	4.1	9.2	15.1	15.1	9.6	8.3	5.2	2.5
21h	2.7	1.2	0.7	2.1	4.1	9.1	15.2	15.1	9.4	8.2	5.2	2.5
K.	2.7	1.2	0.7	2.0	4.1	8.9	15.0	15.0	9.4	8.2	5.2	2.5
M.	—	—	—	—	—	—	—	—	—	—	—	—
Soolsus 13h Salzgehalt.												
1	6.62	6.65	—	6.65	6.29	6.55	5.91	6.49	6.28	6.15	6.53	6.49
6	6.80	6.82	6.56	6.73	6.37	6.38	5.73	6.76	6.19	7.00?	6.53	6.44
11	6.78	6.80	6.67	6.64	6.40	6.22	5.77	6.19	6.29	6.37	6.53	6.46
16	6.82	7.20	6.62	6.49	7.36	6.02	6.06	6.56	6.56	6.51	6.42	6.47
21	6.80	6.69	6.78	6.65	6.67	7.59?	6.20	6.09	6.95	6.49	6.40	6.53
26	6.62	6.76	6.78	6.42	6.74	6.74	6.42	6.29	6.96	6.49	6.58	6.53
13h	6.74	6.82	6.68	6.63	6.49	6.81	6.01	6.31	6.54	6.50	6.50	6.42

1932 Tulelaev „Hiiumadal“ $\varphi = 59^{\circ}05'5''$ $\lambda = 22^{\circ}12'$
Das Leuchtschiff „Hiiumadal“ J. Kaev.

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	1.9	1.5	—	—	2.6	7.6	13.6	19.8	16.5	14.2	7.0	7.0
2	2.3	1.2	—	—	3.2	8.4	14.0	19.6	16.5	14.0	8.0	6.5
3	1.6	0.6	—	—	2.8	6.5	14.0	19.5	16.5	13.2	8.0	6.5
4	1.5	1.0	—	—	3.0	7.2	15.0	19.0	16.0	13.2	8.0	6.4
5	2.2	0.3	—	—	2.6	6.6	14.8	19.0	15.5	12.8	8.2	6.2
6	2.5	0.3	—	—	3.0	7.2	15.8	18.0	15.5	12.0	7.8	6.6
7	2.2	0.6	—	—	2.8	7.6	17.0	19.0	15.5	12.5	8.4	6.1
8	2.6	0.0	—	—	3.2	7.0	17.8	18.0	15.5	12.4	8.4	6.0
9	2.3	0.0	—	—	3.2	6.5	17.6	18.0	15.5	12.0	8.4	6.0
10	1.8	—0.1	—	—	3.0	7.0	17.6	18.5	16.0	11.5	8.4	6.2
11	1.8	0.0	—	—	2.5	7.5	17.7	18.0	15.5	11.5	8.8	5.6
12	1.7	0.0	—	—	0.5	2.6	8.2	18.4	17.5	15.4	11.5	8.4
13	1.7	0.0	—	—	0.5	3.6	8.6	18.5	18.0	15.0	11.7	8.0
14	1.6	0.3	—	—	0.5	3.5	9.0	18.4	18.0	14.8	11.5	8.2
15	1.7	—	—	—	0.4	4.0	9.2	18.8	18.5	14.5	11.7	7.8
16	1.4	—	—	—	0.6	4.5	7.6	19.2	19.0	14.5	11.2	7.8
17	2.0	—	—	—	0.8	6.0	5.5	16.0	19.0	14.8	11.4	7.6
18	1.7	—	—	—	0.7	7.5	5.2	17.8	18.5	14.2	11.2	7.0
19	1.7	—	—	—	1.0	5.6	5.6	18.8	18.0	14.3	11.0	6.8
20	1.5	—	—	—	0.7	5.4	7.5	16.8	18.0	14.4	10.0	6.6
21	2.0	—	—	—	1.2	5.3	7.5	18.2	17.0	14.5	10.6	6.8
22	2.0	—	—	—	1.0	5.3	9.8	18.0	17.0	14.0	10.4	7.0
23	2.0	—	—	—	1.6	5.5	11.0	18.3	16.5	13.9	10.4	7.0
24	1.8	—	—	—	2.0	5.8	10.0	19.0	17.0	13.8	10.2	7.1
25	1.8	—	—	—	2.0	5.8	12.0	19.2	16.0	13.8	10.0	7.2
26	1.6	—	—	—	2.0	4.5	10.9	20.4	16.5	13.8	9.8	7.0
27	1.7	—	—	—	2.2	4.5	10.6	21.8	16.5	14.0	9.5	6.6
28	2.2	—	—	—	2.1	4.5	11.2	21.4	16.5	13.6	9.2	6.6
29	2.0	—	—	—	2.2	5.0	11.0	21.0	16.5	14.0	9.2	6.2
30	2.0	—	—	—	2.0	5.8	11.6	19.6	16.5	14.0	8.5	6.4
31	1.3	—	—	—	7.4	—	20.0	16.0	—	7.8	—	5.0
7h	1.9	—	—	—	4.0	8.1	17.0	17.5	14.7	11.2	7.5	5.6
13h	1.9	—	—	—	4.3	8.4	17.9	17.8	14.9	11.1	7.5	5.6
21h	1.8	—	—	—	4.4	8.5	18.0	17.6	14.8	11.1	7.5	5.6
K.	1.9	—	—	—	4.2	8.3	17.8	17.6	14.8	11.1	7.5	5.6
M.	—	—	—	—	—	—	—	—	—	—	—	—
Soolsus 13h Salzgehalt.												
1	6.98	6.73	—	—	6.94	6.55	6.40	6.37	5.79	6.73	6.44	6.85
6	7.00	6.76	—	—	6.96	6.64	6.64	6.65	6.64	6.64	6.62	6.80
11	6.96	6.76	—	—	6.96	—	6.24	6.60	6.64	6.69	6.69	6.56
16	6.89	—	—	—	7.07	6.98	6.83	6.38	6.60	6.62	6.74	6.56
21	6.98	—	—	—	7.09	6.56	6.73	6.46	6.64	6.76	6.64	6.73
26	6.94	—	—	—	7.02	6.89	6.56	6.73	6.42	6.44	6.44	6.78
13h	6.96	(6.75)	—	—	(7.06)	6.88	6.66	6.47	6.51	6.48	6.63	6.67

1934

Tulelaev ..Hiiumadal“

ulelaev „Hiiumadal“ $\varphi = 59^{\circ}05'5$ $\lambda = 22^{\circ}12'$
Das Leuchtschiff „Hiiumadal“ J. Kaev; A. Vesterbusch.

Das Leuchtschiff „Hiiumadal“

[illegible]

Kuu- ja aasta-ülevaade.

Monats- und Jahresübersicht.

Tulelaev „Hiiumadal“

Das Leuchtschiff „Hilumadal“

$$\varphi = 59^{\circ} 05'.5 \quad \lambda = 22^{\circ} 12'$$

Aasta Jahr		I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1929	t°	—	—	—	—	3.9	9.0	12.9	14.7	13.3	11.1	8.2	6.5
	$S^{0}_{/00}$	6.78	—	—	—	6.73	6.54	6.57	6.68	6.54	6.67	6.57	6.77
1930	t°	4.5	1.8	2.1	3.9	7.7	12.5	16.3	—	12.9	9.0	7.5	—
	$S^{0}_{/00}$	6.81	6.48	6.44	6.57	6.21	5.91	5.85	(6.18)	3.60	6.58	6.86	(6.86)
1931	t°	(0.6)	—	—	—	4.7	9.2	14.6	16.5	12.4	8.6	5.7	3.1
	$S^{0}_{/00}$	6.89	—	—	—	6.78	6.66	6.62	(6.64)	6.62	6.60	(6.84)	(6.79)
1932	t°	1.9	—	—	—	4.2	8.3	17.8	17.6	14.8	11.1	7.5	5.6
	$S^{0}_{/00}$	6.96	(6.75)	—	(7.06)	6.88	6.66	6.47	6.51	6.48	6.63	6.67	6.67
1933	t°	2.7	1.2	0.7	2.0	4.1	8.9	15.0	15.0	9.4	8.2	5.2	2.5
	$S^{0}_{/00}$	6.74	6.82	6.68	6.63	6.49	6.81	6.01	6.31	6.54	6.50	6.50	6.42
1934	t°	—	0.8	0.3	2.0	7.1	10.2	15.7	16.6	16.7	13.5	9.3	5.4
	$S^{0}_{/00}$	(6.57)	6.60	6.69	6.75	6.77	6.54	6.37	6.43	6.42	6.61	6.72	6.69

Kuu- ja aasta-ülevaade.

Monats- und Jahresübersicht.

Tahkuna

 $\varphi = 59^{\circ} 06'$ $\lambda = 22^{\circ} 35'$

Aasta Jahr		I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1929	t° $S^{\circ}/_{00}$	-0.4 6.92	— (6.46)	— —	0.8 5.64	9.3 6.37	12.7 6.58	15.8 6.55	16.2 6.65	13.1 6.51	8.5 6.52	4.8 6.27	3.2 6.35
1930	t° $S^{\circ}/_{00}$	2.1 6.29	0.2 6.71	1.6 6.07	7.1 6.26	11.6 6.38	15.9 6.29	18.0 5.85	17.4 5.93	11.2 6.17	7.3 6.35	4.6 6.60	0.9 6.02
1931	t° $S^{\circ}/_{00}$	-0.4 7.02	-0.4 6.35	-0.3 6.54	1.5 5.22	10.2 6.51	13.1 6.69	17.8 6.62	17.6 6.44	11.3 6.49	7.0 6.59	2.7 6.41	0.0 6.72
1932	t° $S^{\circ}/_{00}$	0.5 6.58	-0.3 7.01?	0.6 6.04?	3.5 6.34	9.4 6.53	13.0 6.50	19.5 6.61	18.1 6.45	13.7 6.51	7.6 6.58	3.3 6.18	2.9 6.25
1933	t° $S^{\circ}/_{00}$	0.3 6.60	-0.3 6.61	0.7 6.09	3.9 6.56	8.4 6.37	15.3 6.60	17.5 6.01	— 6.39	11.4 6.67	7.0 6.36	1.9 6.11	0.0 6.61
1934	t° $S^{\circ}/_{00}$	-0.0 6.99	0.0 6.81	0.9 6.57	5.9 6.34	12.4 6.70	14.5 6.65	17.6 6.48	17.6 6.49	16.4 6.19	10.6 6.31	5.8 6.26	(1.5) 5.98

 $\varphi = 59^{\circ} 49'$ $\lambda = 26^{\circ} 22'$
V. Kaevats; A. Sederholm.

1929 Vaindlo

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Temperatuur 13h Temperatur.												
1	2.1	—	—	—	0.0	6.3	16.9	16.9	15.0	12.6	8.2	6.3
2	1.8	—	—	—	0.0	6.2	16.4	17.1	14.0	12.2	8.1	6.3
3	1.3	—	—	—	0.1	7.9	16.3	15.4	14.2	12.2	8.5	5.7
4	1.9	—	—	—	1.1	6.9	17.8	15.0	14.2	11.8	7.7	6.5
5	2.0	—	—	—	1.0	6.5	17.6	15.2	14.0	11.7	6.5	5.8
6	1.5	—	—	—	2.5	7.0	15.8	15.6	14.0	11.7	6.5	6.0
7	1.3	—	—	—	3.5	9.7	17.7	16.2	13.6	11.5	8.0	5.5
8	1.5	—	—	—	5.1	6.0	14.5	17.0	12.5	11.5	7.3	6.4
9	1.2	—	—	—	6.8	7.5	13.5	16.2	13.6	11.5	8.0	5.2
10	1.1	—	—	—	4.8	7.5	13.7	16.4	11.5	11.7	7.5	5.2
11	1.5	—	—	—	5.3	7.3	14.6	17.5	12.3	11.1	7.1	5.5
12	1.4	—	—	—	3.7	8.2	14.8	18.1	13.0	11.0	6.8	5.0
13	1.4	—	—	—	3.7	9.0	17.0	16.6	12.6	10.3	7.5	5.5
14	0.6	—	—	—	3.1	8.4	15.1	15.6	12.5	10.0	7.7	5.6
15	0.0	—	—	—	5.0	11.4	15.7	15.4	12.5	10.5	6.4	5.0
16	0.0	—	—	—	5.0	12.2	15.5	15.7	13.1	8.5	6.2	4.8
17	0.2	—	—	—	6.0	12.0	14.6	15.8	12.6	6.9	6.6	4.5
18	0.3	—	—	—	3.0	12.1	14.0	15.7	12.5	8.2	6.5	3.5
19	0.3	—	—	—	3.4	10.5	15.2	15.6	13.4	6.6	6.4	4.9
20	—	—	—	—	3.0	11.3	15.3	15.4	13.5	8.0	5.0	5.0
21	—	—	—	—	4.0	13.5	15.2	16.7	12.7	8.3	5.3	4.8
22	—	—	—	—	4.0	11.6	15.5	15.1	12.4	8.0	5.2	4.2
23	—	—	—	—	3.0	12.0	16.3	14.6	12.7	8.6	5.3	4.2
24	—	—	—	—	8.9	13.5	16.2	15.2	13.2	8.8	5.3	3.4
25	—	—	—	—	10.5	12.6	15.1	15.0	12.7	8.0	5.3	2.5
26	—	—	—	—	12.0	12.2	15.6	14.5	12.5	8.5	5.7	3.6
27	—	—	—	—	12.5	14.7	15.5	15.2	12.7	8.8	6.0	3.5
28	—	—	—	—	12.5	13.6	16.2	14.8	13.0	9.5	5.5	2.7
29	—	—	—	—	13.6	14.2	16.2	15.5	12.6	8.2	5.8	2.2
30	—	—	—	—	10.6	15.2	16.2	16.3	15.0	12.5	5.1	3.5
31	—	—	—	—	10.6	15.2	16.5	15.0	12.5	8.4	5.5	4.0
7h	—	—	—	—	4.0	9.3	14.8	14.9	12.5	9.6	6.5	4.5
13h	—	—	—	—	5.4	10.2	15.7	15.8	13.1	9.8	6.6	4.7
21h	—	—	—	—	4.8	9.8	15.3	15.2	12.7	9.4	6.3	4.5
K.	—	—	—	—	4.7	9.8	15.3	15.3	12.8	9.6	6.5	4.6
M.	—	—	—	—	—	—	—	—	—	—	—	—
Soolisalt 13h Salzgehalt.												
1	5.16	5.30	5.34	7.14	2.68?	4.38	4.18	4.52	5.08	4.51	4.96	5.08
6	5.14	5.82	4.96	6.20	4.98	4.20	4.02	4.56	5.26	4.85	5.08	5.25
11	5.19	4.89	5.48	5.46	4.76	4.18	3.95	4.61	4.81	4.89	5.05	5.14
16	5.15	4.02	—	—	—	—	—	2.12?	4.72	4.63	5.05	5.12
21	5.35	4.89	4.74	4.33	4.31	4.25	4.02	5.05	4.92	4.94	5.05	5.19
26	5.37	5.21	—	—	3.30?	4.27	4.51	4.65	4.83	4.99	5.21	5.25
13h	5.22	5.02	(5.13)	5.29?	4.30?	4.26	3.80?	4.68	4.92	4.87	5.08	5.19

$\varphi = 59^{\circ} 49'$ $\lambda = 26^{\circ} 22'$
J. Neider.

Vaindlo

1931

$\varphi = 59^{\circ} 49'$ $\lambda = 26^{\circ} 22'$
A. Sederholm; J. Neider.

Vaindlo

1930

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	-0.5	-0.3	-0.9	-0.2	1.2	9.0	11.5	18.2	15.6	9.5	6.0	2.2
2	-0.8	-1.0	-0.7	-0.5	1.2	9.0	11.0	19.2	15.2	9.8	5.3	2.0
3	-1.0	-0.5	-0.7	-0.4	1.2	8.0	13.2	20.2	14.6	10.4	5.2	2.0
4	-0.9	-0.5	-0.7	-0.1	1.2	6.5	13.2	19.0	15.4	9.8	5.5	1.8
5	-0.5	-0.5	-0.7	-0.2	1.6	6.8	16.0	19.0	15.0	10.0	5.7	1.6
6	1.2	-0.6	-0.7	0.0	1.8	5.6	17.9	18.0	15.0	9.1	5.6	1.6
7	0.5	-0.6	-0.6	0.0	1.5	8.0	17.5	19.1	14.6	9.4	6.0	2.8
8	-0.5	-0.8	-0.7	-0.2	1.8	7.5	17.1	17.9	13.0	9.3	5.8	2.2
9	-1.0	-0.8	-0.6	0.0	1.8	9.5	14.2	17.7	13.2	9.3	5.5	2.0
10	-1.0	-0.6	-0.7	0.0	1.8	8.8	13.2	17.3	13.0	9.4	6.0	2.0
11	0.0	-1.0	-0.5	0.0	2.0	8.8	13.4	16.9	12.4	9.4	6.0	2.4
12	-0.6	-0.7	-0.6	0.2	2.2	8.8	14.3	17.5	13.0	9.4	6.0	2.0
13	0.5	-0.8	-1.0	0.2	3.2	9.5	14.0	17.5	12.2	9.5	6.0	2.2
14	-0.3	-1.0	-1.5	0.1	6.0	9.0	15.5	17.6	12.6	9.4	6.1	2.2
15	-0.8	-0.8	-0.8	0.2	5.8	9.0	14.3	16.6	12.3	9.1	5.9	2.0
16	-0.8	-0.4	-0.7	0.0	6.0	9.2	16.0	18.0	12.6	8.9	5.7	2.0
17	-0.4	-0.5	-0.8	0.1	5.5	10.0	16.7	18.4	13.0	9.0	5.7	2.0
18	-1.0	-0.5	-0.4	0.2	5.1	11.0	15.6	18.3	12.9	8.6	5.5	2.0
19	-1.0	-0.5	-0.5	0.2	5.8	10.5	16.2	19.0	12.8	8.4	5.4	1.8
20	-1.5	-0.5	-0.4	0.2	5.2	9.5	15.0	19.4	12.6	8.7	5.4	1.8
21	-1.5	-0.2	-0.3	0.4	6.0	10.4	15.4	17.6	12.2	8.3	5.3	1.8
22	-1.0	0.0	-0.4	0.5	6.4	9.8	14.5	17.2	11.6	8.0	5.0	1.6
23	-0.6	-0.6	-0.1	1.0	6.0	10.5	14.5	16.6	11.7	8.3	4.2	1.6
24	-1.2	-0.5	-0.2	0.6	6.4	10.4	15.6	16.6	11.4	6.8	4.8	1.6
25	-0.9	-0.3	-0.6	0.5	7.0	10.5	14.3	17.1	12.2	6.5	4.8	1.8
26	-0.8	-0.4	-0.1	0.5	7.2	10.2	17.6	16.4	10.6	6.6	4.2	1.8
27	-1.0	-0.5	-0.2	1.0	8.0	11.2	18.2	16.5	10.8	6.4	3.5	1.6
28	-1.0	-0.7	-0.2	0.6	7.5	10.4	16.2	16.5	11.3	6.3	3.1	1.4
29	-0.4	-0.4	-0.4	0.8	9.0	11.5	19.0	16.1	10.1	6.0	3.1	1.2
30	-1.0	-0.6	-0.6	1.0	10.0	10.8	17.4	16.0	10.5	6.4	2.8	1.0
31	-0.5	-0.5	-0.5	1.0	10.1	17.7	16.1	16.1	10.5	6.1	2.8	1.0
7h	-0.8	-0.6	-0.6	0.2	4.6	8.8	14.2	16.8	12.2	8.2	5.2	1.8
13h	-0.7	-0.6	-0.6	0.2	4.8	9.3	15.4	17.7	12.8	8.4	5.2	1.8
21h	-0.7	-0.6	-0.6	0.2	4.8	9.1	15.0	17.1	12.2	8.3	5.1	1.9
K.	-0.7	-0.6	-0.6	0.2	4.7	9.1	14.8	17.2	12.4	8.3	5.2	1.8
M.												

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$\eta = 59^{\circ} 49'$ $\lambda = 26^{\circ} 22'$
A. Ohov.

1934 Vaindlo

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Temperatuur 13h Temperatur.												
1	-0.3	-0.3	-0.5	0.3	6.4	7.5	19.2	15.1	16.8	8.2	8.0	5.2
2	-0.3	-0.3	-0.5	0.3	6.2	8.2	16.2	16.1	16.3	12.6	7.8	4.5
3	-0.2	-0.4	-0.5	0.3	4.8	7.3	15.0	17.4	17.1	12.6	7.5	4.1
4	-0.3	-0.3	-0.5	0.6	4.1	9.4	16.5	13.8	17.4	10.3	7.5	4.3
5	-0.4	-0.3	-0.5	0.8	6.6	11.4	16.6	14.6	16.9	11.2	7.1	3.0
6	-0.3	-0.3	-0.4	0.5	8.2	11.6	16.9	15.1	17.2	9.0	7.0	3.1
7	-0.2	-0.2	-0.4	0.4	8.3	11.3	19.6	17.4	17.2	10.6	8.4	3.7
8	0.1	-0.1	-0.3	0.6	9.1	10.9	17.1	16.1	18.8	12.4	7.9	3.4
9	0.2	-0.5	-0.3	0.7	6.2	11.3	17.2	11.1	18.7	12.4	7.8	3.9
10	-0.1	-0.5	-0.4	-0.1	5.5	9.5	17.7	12.7	18.3	12.1	8.0	4.1
11	-0.3	-0.5	-0.4	-0.1	6.3	11.9	16.2	14.3	17.9	12.7	7.1	3.5
12	-0.2	-0.5	-0.4	0.1	4.9	10.7	17.0	15.4	17.2	11.9	7.0	3.4
13	-0.5	-0.5	-0.4	0.5	4.8	10.6	17.9	17.0	16.8	9.2	7.4	3.1
14	-0.4	-0.4	-0.4	1.6	5.9	10.4	20.6	16.2	16.5	9.0	7.4	3.3
15	-0.6	-0.4	-0.4	1.7	5.0	11.4	20.2	16.2	16.8	8.5	7.4	3.8
16	-0.5	-0.4	-0.4	2.7	6.9	10.5	21.8	18.4	16.5	8.2	7.3	4.0
17	-0.3	-0.3	-0.3	0.8	7.6	11.0	22.6	17.4	16.7	9.2	7.0	3.9
18	-0.2	-0.3	-0.3	1.7	5.3	10.9	22.1	15.3	16.4	8.6	7.6	3.7
19	0.0	-0.3	-0.3	0.6	6.2	11.7	19.2	16.0	16.0	8.4	6.3	3.0
20	0.0	-0.4	-0.3	1.6	5.0	12.8	15.6	16.5	16.4	8.6	6.0	2.9
21	-0.3	-0.4	-0.3	2.6	5.1	13.8	15.1	16.9	16.7	9.1	6.0	2.8
22	-0.2	-0.4	-0.2	1.0	5.3	13.4	16.0	17.9	14.9	9.5	5.7	2.8
23	-0.1	-0.4	-0.2	2.8	5.3	13.9	16.9	17.4	16.2	9.8	6.0	3.5
24	-0.2	-0.4	-0.2	2.1	5.7	14.4	16.9	17.5	15.1	8.0	4.9	3.0
25	-0.1	-0.4	0.1	3.4	6.1	13.8	15.9	17.5	14.5	9.0	6.4	2.0
26	-0.1	-0.4	0.4	2.7	7.7	13.3	16.5	17.8	14.2	7.9	4.5	1.0
27	-0.1	-0.3	0.1	2.2	5.9	15.3	15.5	18.0	13.6	8.9	6.3	1.4
28	-0.1	-0.4	0.2	2.6	6.8	14.6	14.2	18.5	12.3	9.1	6.4	1.1
29	-0.1	-0.4	0.3	4.2	6.9	16.9	16.7	16.5	11.8	8.5	5.4	1.7
30	-0.1	0.1	0.3	6.1	8.4	16.6	16.4	16.5	10.0	8.3	5.2	0.6
31	-0.2	0.2	0.2	7.9	7.9	16.1	16.8	16.1	16.8	8.5	5.2	0.4
7h	-0.2	-0.4	-0.3	0.9	4.5	10.4	16.2	15.0	14.6	9.4	6.5	2.9
13h	-0.2	-0.4	-0.2	1.5	6.3	11.9	17.5	16.2	16.0	9.8	6.8	3.0
21h	-0.2	-0.4	-0.2	1.3	5.3	11.1	16.9	15.6	15.0	9.7	6.5	2.8
K _c	-0.2	-0.4	-0.2	1.2	5.4	11.1	16.9	15.6	15.2	9.6	6.6	2.9
M _c	-0.2	-0.4	-0.2	1.2	5.4	11.1	16.9	15.6	15.2	9.6	6.6	2.9
Soolsus 13h Salzgehalt.												
1	5.57	5.32	5.70	3.12	5.50	5.45	4.90	4.49	4.85	4.87	5.39	5.52
6	5.55	5.61	5.72	3.12	5.50	5.45	4.90	4.63	4.83	5.32	5.43	5.59
11	5.41	5.63	6.38	4.54	5.50	5.39	4.70	5.08	4.37	5.73	5.57	5.48
16	5.35	5.66	6.58	3.04	5.32	5.46	4.76	4.27	4.63	5.30	—	5.45
21	5.70	5.84	—	6.13	5.32	4.96	6.00	4.53	4.58	5.41	5.57	5.59
26	5.64	—	—	5.52	5.45	5.03	4.56	4.58	4.00	3.95	5.68	5.54
13h	5.57	5.61	5.87	4.47	5.43	5.27	4.94	4.56	4.60	5.10	5.53	5.52

Kuu- ja aasta-ülevaade.

Monats- und Jahresübersicht.

Vaindlo

$\eta = 59^{\circ} 49'$ $\lambda = 26^{\circ} 22'$

Aasta Jahr		I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1929	t°	—	—	—	—	4.7	9.8	15.3	15.3	12.8	9.6	6.5	4.6
	$S^{\circ}/_{00}$	5.22	5.02	(5.13)	5.20?	4.30?	4.26	3.80?	4.68	4.92	4.87	5.08	5.19
1930	t°	2.7	(0.4)	—	—	8.0	12.3	17.2	16.1	12.1	7.7	—	—
	$S^{\circ}/_{00}$	4.78	5.02	4.71	4.68	4.58	4.23	3.60	3.83	4.23	4.65	5.15	5.28
1931	t°	-0.7	-0.6	-0.6	0.2	4.7	9.1	14.8	17.2	12.4	8.3	5.2	1.8
	$S^{\circ}/_{00}$	5.76	6.36	5.22	(4.84)	3.77	4.58	4.80	4.89	—	—	—	—
1932	t°	0.7	-0.1	-0.1	—	4.8	10.6	18.2	17.4	13.6	9.4	5.9	4.1
	$S^{\circ}/_{00}$	—	—	—	—	—	4.25	3.89	4.14	4.91	5.34	5.28	5.25
1933	t°	1.4	0.1	-0.1	1.0	5.5	12.1	15.9	15.9	12.5	8.6	4.6	1.6
	$S^{\circ}/_{00}$	5.46	5.46	5.16	(4.53)	—	—	—	—	4.47	5.29	5.01	5.42
1934	t°	-0.2	-0.4	-0.2	1.2	5.4	11.1	16.9	15.6	15.2	9.6	6.6	2.9
	$S^{\circ}/_{00}$	5.57	5.61	(5.87)	4.47?	5.43	5.27	4.94	4.56	4.60	5.10	5.53	5.53

Kuu- ja aasta-ülevaade.

Monats- und Jahresübersicht.

Sörve

 $\varphi = 57^{\circ} 55'$ $\lambda = 22^{\circ} 03'$

Aasta Jahr		I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1929	t° $S^0/_{00}$	-0.1 5.33	-0.2 5.84	— 5.48	— (5.38)	9.6 5.65	13.4 5.35	16.5 5.34	16.4 5.82	13.0 6.15	9.1 6.12	5.6 5.73	3.4 5.47
1930	t° $S^0/_{00}$	2.5 6.44	-0.0 (6.66)	1.4 5.57	6.5 5.26	12.1 5.43	16.8 6.24	19.1 5.90	17.5 5.59	12.1 5.55	8.6 5.43	4.6 5.27	1.3 5.55
1931	t° $S^0/_{00}$	-0.2 5.65	-0.3 5.46	-0.1 5.63	1.0 5.19	9.3 4.66	13.7 5.54	16.8 6.10	17.5 5.90	10.8 5.78	7.2 5.48	3.4 5.13	0.4 5.38
1932	t° $S^0/_{00}$	0.8 5.46	-0.4 6.59?	— 6.16	3.2 5.65	10.8 5.36	14.8 5.73	21.1 5.78	17.8 6.04	13.7 6.22	7.5 (5.89)	3.9 5.15	2.9 (4.94?)
1933	t° $S^0/_{00}$	0.3 (6.06)	-0.2 5.19	0.3 (5.20)	4.2 5.71	10.7 5.52	17.2 5.46	18.8 5.88	16.5 6.16	13.1 5.79	7.8 5.83	2.6 5.58	-0.0 6.12
1934	t° $S^0/_{00}$	— (6.02)	-0.2 4.87	0.0 (5.63)	— (5.67)	12.1 6.10	16.3 6.39	19.8 (6.12)	19.2 5.90	16.6 5.84	10.7 (5.95)	5.7 (5.79)	0.9 —

Temperatur 13h Temperatur.

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	0.7	-0.3	0.4	-0.2	1.3	4.0	15.6	16.3	14.8	12.8	8.1	6.4
2	0.7	-0.2	-0.2	-0.3	1.1	4.5	14.7	15.6	14.7	12.8	8.1	5.9
3	1.1	-0.2	-0.4	-0.4	1.3	5.0	14.8	15.4	15.1	12.5	8.9	6.4
4	2.4	-0.2	-0.3	-0.3	2.8	5.1	15.2	15.8	14.6	12.4	8.9	6.4
5	2.1	-0.5	-0.4	-0.2	2.1	5.9	14.8	15.2	15.0	12.4	8.6	6.5
6	2.1	-0.4	-0.5	-0.2	2.0	5.3	14.1	15.0	14.8	12.3	8.2	6.4
7	2.3	-0.5	-0.4	-0.3	3.1	5.9	14.6	16.2	15.5	11.4	7.9	6.2
8	1.3	-0.4	-0.3	-0.2	3.4	5.5	7.4	16.7	12.9	11.9	8.3	5.9
9	1.0	-0.5	-0.4	-0.1	4.2	6.4	10.2	17.8	12.4	10.6	7.7	5.5
10	2.0	-0.4	-0.4	0.0	4.8	7.0	9.8	17.0	13.0	12.0	7.7	5.0
11	2.3	-0.5	-0.4	0.2	5.6	7.2	12.4	17.0	13.4	11.5	7.4	5.6
12	2.2	-0.4	-0.3	0.1	6.0	9.4	10.5	15.7	13.6	11.5	6.9	4.7
13	2.8	-0.4	-0.1	0.1	4.9	10.4	10.2	16.9	13.7	10.7	7.6	5.2
14	0.3	-0.4	-0.1	0.0	4.9	12.0	11.5	16.7	13.6	11.0	7.9	5.4
15	0.8	-0.4	-0.2	-0.1	6.0	12.8	14.1	16.4	12.7	10.6	7.2	5.7
16	0.2	-0.4	-0.3	0.2	7.7	11.3	12.6	16.1	13.5	10.9	6.0	5.3
17	-0.3	-0.4	-0.1	0.1	8.4	10.8	12.2	16.1	13.7	9.5	6.1	4.7
18	0.2	-0.4	-0.2	0.0	6.3	13.2	12.4	15.8	13.3	8.5	6.9	4.3
19	-0.3	-0.3	-0.2	0.4	3.1	12.0	13.7	16.2	13.3	8.9	6.9	4.6
20	0.5	-0.3	-0.1	-0.2	2.6	12.9	14.2	14.9	12.7	9.1	6.8	5.5
21	1.1	-0.3	0.0	-0.3	3.6	13.2	15.5	15.8	12.5	8.6	5.9	5.2
22	-0.2	-0.4	-0.1	0.1	4.1	12.5	14.4	14.5	12.9	9.5	6.3	4.7
23	-0.4	-0.4	0.0	0.0	5.9	13.2	15.1	14.5	12.4	9.6	6.6	4.1
24	-0.4	-0.5	0.0	-0.1	7.6	12.4	14.7	15.4	12.5	9.1	5.1	2.5
25	-0.5	-0.4	0.0	1.5	6.5	11.3	14.0	15.7	12.7	9.3	5.3	2.3
26	-0.5	-0.5	-0.1	0.0	6.3	11.0	14.8	14.9	13.1	9.0	6.2	5.1
27	-0.4	-0.4	-0.1	-0.1	8.2	13.6	15.0	15.6	13.0	9.2	6.6	4.7
28	-0.4	-0.4	0.0	0.0	7.0	13.1	16.5	14.8	13.0	9.4	5.6	4.7
29	-0.4	-0.4	-0.1	0.6	6.5	15.3	14.9	16.6	13.1	8.3	5.2	3.1
30	-0.3	-0.3	-0.3	2.7	6.3	15.9	16.2	15.4	12.8	7.5	4.8	2.7
31	-0.4	-0.3	-0.3	5.3	5.3	15.8	15.3	15.3	12.8	8.2	4.8	3.2
7h	0.6	-0.4	-0.3	-0.2	4.1	9.2	13.1	15.3	13.0	10.1	6.9	4.9
13h	0.7	-0.4	-0.2	0.1	4.8	9.9	13.6	15.8	13.5	10.4	7.0	5.0
21h	0.7	-0.4	-0.3	0.0	4.9	10.3	13.5	15.6	13.3	10.2	6.9	4.8
K.	0.7	-0.4	-0.3	-0.0	4.6	9.8	13.4	15.6	13.3	10.2	6.9	4.9
M.												

Soolsus 13h Salzgehalt.

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	6.17	6.49	6.19	6.44	6.33	6.06	5.84	5.95	6.56	6.44	6.22	5.97
6	6.09	6.65	6.09	6.19	6.38	6.24	5.90	6.04	6.58	6.37	5.93	6.09
11	6.24	6.98	7.18	—	6.17	6.09	6.22	6.09	6.33	6.38	5.91	5.70
16	6.08	6.71	6.35	—	5.86	6.02	6.02	6.11	6.44	6.29	6.22	5.59
21	6.26	6.37	5.84	6.35	5.83	5.97	5.88	6.33	6.31	6.22	6.22	5.81
26	6.37	6.76	6.26	6.06	6.53	6.13	6.13	6.51	6.33	6.29	6.11	—
13h	6.20	6.66	6.32	(6.26)	6.27	6.08	6.00	6.17	6.42	6.33	6.10	5.83

1934 Osmussaar $\varphi = 59^{\circ} 18' \lambda = 23^{\circ} 22'$
A. Allik.

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Temperatuur 13h Temperatur.												
1	0.3	0.1	-0.3	1.3	9.0	7.8	16.8	15.5	6.0	15.1	10.2	7.6
2	0.5	0.1	-0.3	2.3	7.5	10.2	14.4	17.2	6.0	14.7	10.2	6.8
3	0.5	0.2	-0.3	1.0	8.1	10.0	14.8	16.3	5.0	14.7	9.5	6.5
4	0.2	0.2	-0.2	2.1	8.0	9.3	16.0	13.4	11.0	14.7	10.0	6.5
5	0.2	0.2	-0.1	2.3	8.1	10.1	15.8	7.9	11.0	14.1	9.5	3.6
6	0.5	0.4	0.3	0.9	9.7	10.2	15.5	9.0	11.5	14.5	10.0	-0.4
7	0.8	0.6	0.2	1.1	8.3	11.0	15.5	11.0	12.5	15.0	9.5	4.5
8	1.0	0.3	0.2	2.5	8.0	12.5	15.5	12.0	12.5	14.6	9.2	5.2
9	1.0	0.3	0.3	0.5	9.7	11.3	15.8	12.0	16.0	14.3	9.5	4.8
10	0.9	0.3	-0.1	0.2	8.1	12.1	14.2	10.0	17.6	13.3	9.4	5.3
11	0.9	0.3	-0.3	2.0	7.0	10.0	13.1	12.5	18.4	13.4	9.6	4.0
12	0.8	0.2	-0.3	0.3	6.0	9.4	14.9	12.0	18.0	13.0	9.5	4.1
13	-0.2	0.2	-0.3	1.0	6.8	10.3	14.2	14.0	16.4	12.5	9.2	3.1
14	-0.3	0.3	-0.3	2.0	7.1	9.5	16.4	10.5	17.0	12.4	8.8	3.2
15	-0.4	0.3	0.3	0.5	7.5	9.0	17.8	14.5	17.0	10.5	9.5	4.2
16	-0.3	0.3	0.3	3.3	8.2	12.0	17.3	18.0	16.9	12.5	7.9	4.6
17	0.0	0.3	-0.2	4.0	8.0	12.3	17.9	12.5	18.0	11.8	8.0	4.6
18	0.0	0.3	-0.1	1.8	8.4	10.4	19.1	10.5	17.5	10.5	8.1	4.5
19	0.2	0.4	-0.1	7.3	7.9	11.2	19.0	11.0	17.7	11.2	8.5	4.0
20	0.4	0.3	-0.1	6.0	7.0	14.2	10.0	15.0	16.8	12.1	7.9	2.6
21	0.1	0.2	-0.1	3.0	7.3	11.7	9.7	14.0	16.0	12.5	7.5	3.8
22	0.1	0.2	0.1	6.6	9.0	12.8	11.3	15.5	15.8	12.5	5.2	3.0
23	0.3	0.2	0.6	4.0	6.5	11.2	14.4	15.0	15.4	13.9	8.4	2.7
24	0.3	0.2	0.5	2.4	7.0	11.0	14.6	14.5	15.2	12.5	8.2	2.8
25	0.3	0.2	0.3	5.4	9.4	13.0	10.3	14.5	15.2	12.2	7.8	2.2
26	0.5	-0.2	1.1	7.0	8.4	14.3	15.3	15.0	14.7	11.4	8.0	1.8
27	0.3	-0.2	1.0	3.0	8.0	14.6	12.4	12.5	15.0	11.0	8.5	2.5
28	0.3	0.0	0.4	6.4	9.0	15.0	13.8	14.5	15.4	10.4	8.9	1.0
29	0.5	0.6	0.5	7.0	8.6	18.4	12.5	12.5	15.2	11.5	7.4	0.1
30	0.3	0.5	0.6	6.0	8.8	17.9	15.3	9.5	14.2	10.5	7.5	0.5
31	0.3	0.4	0.4	9.2	9.2	16.1	16.1	6.0	10.2	10.2	7.5	1.4
7h	0.3	0.2	0.1	1.7	6.6	9.9	13.9	11.6	13.6	12.5	8.7	3.4
13h	0.3	0.2	0.1	3.1	8.1	11.8	14.8	12.8	14.5	12.7	8.7	3.6
21h	0.3	0.2	0.1	2.4	7.4	11.0	14.3	11.8	14.1	12.4	8.7	3.7
K.	0.3	0.2	0.1	2.4	7.4	10.9	14.3	12.1	14.1	12.5	8.7	3.6
M.												
Soolus 13h Salzgehalt.												
1	6.28	6.33	6.47	6.40	6.31	6.44	5.99	6.28	5.91	6.15	6.09	6.40
11	6.33	6.42	6.47	6.49	6.31	6.43	5.97	6.53	5.90	6.17	5.75	6.40
16	6.55	6.33	6.33	5.81	6.40	6.31	5.97	5.50	5.73	6.55	6.24	5.82
21	5.34	6.31	6.19	6.31	6.40	5.97	5.99	5.07	5.75	6.56	6.44	6.40
26	6.53	6.33	6.37	6.42	6.44	5.99	6.40	5.34	6.00	6.11	6.37	6.42
13h	6.58	6.40	6.42	6.35	6.26	6.22	6.24	5.35	6.00	6.09	6.42	6.38
	6.27	6.35	6.41	6.31	6.37	6.21	6.09	5.68	6.27	6.22	6.20	6.30

Kuu- ja aasta-ülevaade.

Monats- und Jahresübersicht.

Osmussaar

$\varphi = 59^{\circ} 18' \lambda = 23^{\circ} 22'$

Aasta Jahr		I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1929	t°	0.7	-0.4	-0.3	-0.0	4.6	9.8	13.4	15.6	13.3	10.2	6.9	4.9
	$S^{0/_{00}}$	6.20	6.66	6.32	(6.26)	6.27	6.08	6.00	6.17	6.42	6.33	6.10	5.83
1930	t°	3.0	1.2	1.0	3.7	7.5	13.1	15.8	17.0	11.8	7.7	6.1	2.5
	$S^{0/_{00}}$	5.87	6.23	6.03	6.18	5.65	—	5.84	5.42	5.82	5.88	(6.45)	6.30
1931	t°	0.1	-0.4	-0.3	0.4	5.1	9.7	15.8	17.3	12.3	8.4	4.6	1.5
	$S^{0/_{00}}$	6.66	(6.61)	6.79	6.25	6.44	6.24	6.21	6.12	6.36	6.31	6.32	6.30
1932	t°	1.1	-0.4	-0.4	0.7	5.4	9.6	17.5	17.9	13.9	9.3	5.9	3.7
	$S^{0/_{00}}$	6.56	6.56	7.30?	5.79	6.25	6.20	5.82	5.95	6.00	6.27	6.33	6.35
1933	t°	1.8	0.4	0.8	2.0	4.9	10.5	16.0	15.4	9.1	8.0	4.6	1.8
	$S^{0/_{00}}$	6.21	6.19	6.09	6.10	5.91	6.10	5.66	6.09	5.90	5.74	6.11	6.23
1934	t°	0.3	0.2	0.1	2.4	7.4	10.9	14.3	12.1	14.1	12.5	8.7	3.6
	$S^{0/_{00}}$	6.27	6.35	6.41	6.31	6.37	6.21	6.09	5.68	5.88	6.27	6.22	6.30

TUULE JA VEEVOOLU VAATLUSED TULELAEVADEL 1929—1934

WIND- UND STROMBEOBACHTUNGEN AN
DEN LEUCHTSCHIFFEN IN DEN JAHREN
1929—1934

TULELAEV „TALLINN“ $\varphi = 59^{\circ} 43'$ $\lambda = 24^{\circ} 43'.5$
Das Leuchtschiff „Tallinn“

TULELAEV „HIIMADAL“ $\varphi = 59^{\circ} 05'.5$ $\lambda = 22^{\circ} 12'$
Das Leuchtschiff „Hiimadal“

Tulelaev „Tallinn“

Das Leuchtschiff „Tallinn.“

	Tuul Wind 7 h	Vool 7 h Strom			Tuul Wind 13 h	Vool 13 h Strom			Tuul Wind 21 h	Vool 21 h Strom					
		0 m	10 m	20 m		0 m	10 m	20 m		0 m	10 m	20 m			
Juuni 1929.															
J. Komende.															
1	4	3	10	720	10	540	8	180	6	3	16	240			
2	32	5	8	480	8	480	8	540	32	3	8	120			
3	26	1	22	240	20	180	20	240	24	2	—	0			
4	14	1	18	480	18	600	20	720	12	1	12	300			
5	20	3	16	720	16	240	16	360	22	4	12	840			
6	18	5	16	120	12	120	—	0	20	5	—	0			
7	18	2	—	0	—	0	—	0	4	1	8	660			
8	8	1	28	120	26	360	26	300	6	1	4	600			
9	26	1	28	240	32	420	24	240	22	1	24	120			
10	28	2	28	600	28	720	28	960	26	2	24	240			
11	22	3	24	720	24	540	24	660	24	3	30	300			
12	24	2	22	300	20	300	22	180	24	2	—	0			
13	24	1	24	120	24	240	—	0	26	1	—	0			
14	22	2	24	120	28	360	24	180	24	1	—	0			
15	16	1	20	300	20	420	18	240	24	1	20	240			
16	—	0	20	120	20	300	20	420	22	2	20	360			
17	18	1	20	420	20	120	20	120	—	0	8	240			
18	20	2	16	360	18	420	18	300	24	2	24	720			
19	22	2	18	120	—	0	20	240	22	2	24	420			
20	24	1	10	60	8	120	—	0	24	1	—	0			
21	14	1	20	120	—	0	20	120	12	1	—	0			
22	24	1	24	420	—	0	—	0	24	2	24	300			
23	20	2	16	240	20	180	20	480	20	1	24	720			
24	10	2	24	480	24	540	24	240	8	4	16	480			
25	6	3	16	480	16	600	16	60	8	1	20	660			
26	4	4	12	240	10	120	12	300	4	2	20	1080			
27	4	1	24	360	24	480	24	—	0	0	18	240			
28	24	1	22	240	22	240	24	180	24	1	24	300			
29	—	0	—	0	—	0	—	0	22	1	—	0			
30	20	1	28	180	—	0	—	0	24	1	10	240			
Juuli 1929.															
J. Komende.															
1	—	0	—	0	14	60	—	0	4	1	8	120			
2	16	2	32	240	2	300	2	60	28	1	2	240			
3	12	1	—	0	—	0	4	60	8	1	2	420			
4	20	2	16	240	8	60	8	60	20	1	14	180			
5	22	2	32	360	32	240	30	60	—	0	16	120			
6	26	3	6	540	6	420	6	540	24	2	24	180			
7	24	1	—	0	—	0	—	0	4	1	8	240			
8	8	6	12	600	12	360	14	120	12	5	24	2760			
9	12	4	6	1260	6	540	8	780	16	4	18	360			
10	22	4	28	120	30	480	28	720	22	4	16	420			
11	20	2	24	600	16	360	16	480	24	2	24	360			
12	18	1	—	0	—	0	22	180	18	1	28	60			
13	18	1	—	0	—	0	—	0	22	1	16	60			
14	32	4	2	720	32	300	32	360	32	3	8	720			
15	30	3	28	900	28	480	26	240	24	2	12	240			
16	28	3	26	360	28	120	28	60	28	2	4	180			
17	28	2	16	300	24	180	28	480	24	2	24	240			
18	28	3	2	420	24	360	24	180	30	1	14	240			
19	30	1	30	300	30	300	24	420	24	2	26	480			
20	24	2	24	660	24	600	24	480	24	1	28	420			
21	24	1	26	480	26	540	24	480	24	1	24	420			
22	18	2	22	420	20	480	20	600	22	4	22	360			
23	22	1	32	480	—	0	26	180	20	2	20	840			
24	24	5	24	2040	24	1560	24	1560	24	6	30	960			
25	20	3	22	420	28	540	28	360	22	7	24	1320			
26	26	2	28	240	28	420	28	480	24	1	24	720			
27	24	1	22	240	22	600	24	600	24	1	24	600			
28	28	1	28	600	28	540	28	600	28	1	26	780			
29	28	1	26	1500	26	1200	26	1080	26	1	24	840			
30	24	1	20	960	20	840	22	600	22	1	24	1140			
31	24	1	22	900	22	1020	20	960	28	1	22	480			

Tulelaev „Tallinn“

Das Leuchtschiff „Tallinn“

	Tuul Wind			Vool 7 h Strom			Tuul Wind	Vool 13 h Strom			Tuul Wind	Vool 21 h Strom				
	7 h			0 m	10 m	20 m		0 m	10 m	20 m		0 m	10 m	20 m		
August 1929																
J. Komende, K. Tiismann.																
1	12	2	22	960	20	900	20	1080	18	2	24	120	24	240		
2	12	2	22	840	22	720	24	600	20	2	24	360	24	240		
3	20	5	20	720	20	660	20	840	20	6	20	840	20	900		
4	24	5	20	720	20	780	20	480	22	5	20	840	22	660		
5	16	2	24	840	24	1080	24	840	—	0	24	720	24	540		
6	10	2	24	840	24	720	24	960	12	1	26	960	26	900		
7	28	1	24	720	20	540	20	480	28	1	26	1140	24	1080		
8	8	1	26	960	26	1140	26	960	8	1	26	1200	26	960		
9	16	1	24	960	24	840	24	780	24	1	28	1020	28	960		
10	28	1	24	480	24	480	26	420	20	1	24	900	22	840		
11	24	2	24	840	24	840	24	960	24	4	24	900	24	840		
12	18	3	24	840	26	720	26	720	18	2	28	780	26	360		
13	20	2	24	480	24	480	24	360	24	2	24	840	24	600		
14	24	1	20	120	16	360	16	60	22	3	20	480	20	240		
15	16	4	20	720	20	360	20	240	20	4	26	1320	26	1200		
16	24	1	26	720	26	720	26	540	24	1	24	1140	24	960		
17	20	1	24	360	24	600	24	660	—	0	24	600	24	420		
18	16	4	24	1200	26	1320	26	1380	22	1	24	1800	24	1440		
19	4	1	28	420	28	540	28	600	12	1	24	780	26	840		
20	22	7	20	1320	20	1560	24	1920	22	8	24	1560	24	2040		
21	30	1	12	240	14	300	14	120	4	1	24	960	22	780		
22	6	2	16	480	20	720	20	720	6	3	16	600	20	840		
23	4	2	18	300	20	240	18	240	2	3	20	120	20	240		
24	20	3	20	960	20	1320	24	1080	18	3	20	1200	24	1260		
25	18	6	20	840	20	600	20	720	24	7	24	1200	24	1080		
26	22	5	20	720	24	360	24	480	18	5	24	720	24	960		
27	24	5	26	180	32	540	32	60	24	5	26	240	30	360		
28	28	6	4	720	8	1080	8	840	24	5	28	840	24	480		
29	20	1	20	180	20	240	22	240	12	2	12	240	16	180		
30	24	6	24	1920	24	1560	24	1680	24	8	24	1440	24	1560		
31	24	3	26	660	26	1200	26	1080	24	3	20	1080	22	1080		
September 1929																
K. Tiismann, J. Komende.																
1	28	1	24	720	24	960	24	1080	24	1	24	840	24	900		
2	12	2	22	360	22	540	22	420	12	2	22	420	22	660		
3	4	2	26	420	26	300	20	600	24	5	24	1080	24	1440		
4	24	3	26	720	22	540	20	480	24	1	24	720	22	960		
5	18	2	20	720	24	720	24	960	20	2	20	900	20	840		
6	16	3	24	480	24	720	24	840	20	3	20	1260	20	1200		
7	26	8	24	1260	24	1080	24	720	30	9	28	420	28	780		
8	30	7	22	960	24	900	24	840	32	6	18	360	18	240		
9	32	1	20	180	20	240	20	360	4	1	20	360	24	360		
10	30	1	24	840	20	840	24	600	6	2	20	720	20	660		
11	28	1	26	660	24	600	24	480	26	1	24	300	24	300		
12	4	1	24	480	24	600	24	600	—	0	24	360	24	240		
13	18	2	22	660	22	480	24	360	18	1	26	240	24	120		
14	18	2	24	180	24	240	20	180	20	1	28	120	—	0		
15	18	2	24	480	26	240	24	480	18	1	24	240	24	60		
16	20	2	22	300	20	360	20	420	20	2	24	420	24	360		
17	26	2	24	360	8	420	12	540	26	1	8	120	8	180		
18	16	1	—	0	16	120	16	240	16	1	20	120	24	240		
19	16	2	24	240	24	180	24	360	16	1	24	240	24	360		
20	14	4	18	360	18	480	20	120	14	4	24	360	24	480		
21	14	4	20	720	20	960	20	840	12	5	20	720	20	840		
22	22	1	8	960	8	840	8	960	14	1	16	240	16	300		
23	2	4	4	1440	8	1200	8	960	8	4	16	240	16	540		
24	6	2	8	120	8	240	8	120	4	2	4	480	4	600		
25	26	1	28	120	28	240	—	0	24	2	20	120	28	120		
26	12	1	20	240	20	120	—	0	4	1	12	600	8	420		
27	16	1	—	0	—	0	—	0	20	1	20	240	20	120		
28	22	3	32	420	32	480	28	120	28	1	8	360	8	420		
29	22	3	24	480	28	360	24	480	20	4	28	240	24	360		
30	20	4	24	300	20	300	20	480	20	6	10	240	10	180		

Tulelaev „Tallinn“

Das Leuchtschiff „Tallinn“

	Tuul Wind 7 h	Vool 7 h Strom			Tuul Wind 13 h	Vool 13 h Strom			Tuul Wind 21 h	Vool 21 h Strom					
		0 m	10 m	20 m		0 m	10 m	20 m		0 m	10 m	20 m			
Oktoober 1929.															
J. Komende.															
1	12	1	28	120	28	240	16	2	26	360	26	240			
2	26	5	32	420	32	600	22	5	26	720	24	480			
3	24	6	24	1200	24	1080	22	7	4	240	4	600			
4	24	6	30	420	30	300	28	6	24	600	24	720			
5	24	2	8	600	8	720	8	20	20	360	20	180			
6	28	1	12	120	12	180	12	1	8	180	—	—			
7	10	4	12	120	12	600	12	5	16	480	20	1080			
8	20	1	4	240	32	360	28	3	24	240	26	360			
9	12	3	22	300	20	480	20	2	20	600	20	720			
10	22	2	22	1080	22	960	22	3	22	1080	22	1200			
11	24	3	18	1200	18	1080	18	4	16	660	12	780			
12	18	5	18	840	20	1080	18	4	16	120	28	420			
13	24	3	24	240	28	420	24	3	24	60	24	180			
14	30	3	32	120	28	120	28	3	20	960	20	900			
15	24	7	24	720	24	840	24	9	24	240	32	120			
16	28	6	24	360	30	180	30	6	28	600	28	480			
17	32	3	8	300	8	600	4	1	24	480	4	120			
18	12	2	14	600	14	600	8	2	16	840	16	600			
19	10	2	20	780	20	240	20	2	12	240	12	480			
20	10	5	12	240	8	720	12	6	22	720	22	780			
21	4	2	12	240	8	180	8	2	4	60	16	120			
22	24	2	—	0	16	240	28	4	14	1020	16	900			
23	20	6	10	360	2	60	10	4	12	360	12	180			
24	16	4	24	360	16	420	16	4	14	900	14	900			
25	16	4	16	240	12	480	12	4	16	600	22	300			
26	14	3	20	240	16	480	20	2	24	120	28	60			
27	10	3	16	600	20	480	20	3	12	120	16	480			
28	10	1	8	660	8	600	8	2	8	780	8	660			
29	20	4	32	180	32	240	28	4	12	540	12	480			
30	12	3	12	840	12	900	12	3	16	420	28	300			
31	32	1	32	360	4	540	8	1	32	60	24	300			
November 1929.															
J. Komende.															
1	4	3	32	240	28	360	32	3	24	240	26	360			
2	4	2	8	960	8	660	8	1	32	720	8	660			
3	6	2	20	240	20	120	120	6	16	720	16	480			
4	20	4	20	300	20	480	—	22	4	24	480	24	360		
5	26	4	4	300	4	360	4	6	16	720	18	720			
6	12	2	16	240	20	480	20	4	20	960	20	960			
7	20	3	12	480	12	300	12	4	20	360	24	240			
8	18	4	20	120	20	240	24	3	8	360	4	120			
9	16	5	8	900	4	420	4	6	14	720	14	300			
10	24	4	24	600	24	720	24	5	28	960	24	480			
11	16	6	26	480	26	660	32	7	24	240	24	360			
12	16	6	24	660	22	480	20	6	8	480	4	60			
13	14	4	10	1320	10	1200	10	4	16	480	16	600			
14	20	2	20	120	—	—	—	12	1	18	240	18	120		
15	12	4	20	480	20	660	22	5	12	480	20	180			
16	12	5	18	420	16	480	18	6	20	120	12	360			
17	16	3	8	360	8	240	4	1	8	300	8	240			
18	4	4	12	420	8	360	8	5	—	—	—	—			
19	32	3	12	420	12	660	—	4	4	120	4	360			
20	20	3	6	600	8	420	6	3	32	420	30	32			
21	—	0	—	0	20	180	20	2	20	360	20	540			
22	18	3	20	360	24	660	20	3	24	420	18	120			
23	18	3	20	240	—	0	18	2	24	180	24	120			
24	12	3	24	480	24	600	24	2	24	120	12	60			
25	16	1	22	360	20	360	20	2	20	480	20	720			
26	18	3	20	540	20	600	20	3	16	720	20	600			
27	18	3	16	240	22	180	22	3	24	240	24	360			
28	14	1	20	180	18	300	20	1	20	720	20	540			
29	—	0	0	16	120	16	120	1	16	240	16	480			
30	12	4	16	420	16	540	20	4	—	0	16	480			

Tulelaev „Tallinn“

Das Leuchtschiff „Tallinn“

	Tuul Wind 7h	Vool 7h Strom			Tuul Wind 13h	Vool 13h Strom			Tuul Wind 21h	Vool 21h Strom					
		0 m	10 m	20 m		0 m	10 m	20 m		0 m	10 m	20 m			
Detsember 1929.															
J. Komende, K. Tiismann.															
1	4	1	4	300	32	300	6	180	4	4	16	180			
2	10	2	12	480	12	600	8	720	12	2	18	240			
3	12	3	20	120	20	120	16	300	12	2	20	660			
4	16	3	16	660	16	600	16	480	20	2	20	840			
5	16	2	26	240	8	600	8	180	12	3	24	420			
6	12	2	12	240	12	240	16	180	16	2	16	720			
7	14	3	6	480	6	240	6	240	14	4	24	420			
8	18	3	20	480	20	600	20	600	18	5	20	840			
9	16	4	20	360	20	180	20	540	18	4	24	600			
10	16	4	12	360	8	840	8	720	14	7	16	720			
11	18	6	8	1080	8	1440	8	1560	18	5	20	660			
12	14	4	10	480	14	840	16	720	12	6	20	960			
13	12	3	10	300	10	540	10	240	20	3	24	240			
14	18	4	8	600	4	720	8	840	18	9	16	1200			
15	24	7	8	300	8	240	10	360	24	7	28	1440			
16	28	5	8	360	6	540	4	720	26	5	2	360			
17	30	5	2	720	4	660	4	420	32	5	32	60			
18	32	1	24	180	20	240	16	120	24	2	26	840			
19	24	3	8	180	10	240	10	360	22	4	22	960			
20	22	3	20	420	20	360	18	600	22	3	24	360			
21	20	1	8	360	8	480	8	360	20	1	24	120			
22	8	3	20	420	20	180	20	420	12	2	20	300			
23	10	2	8	300	16	600	8	180	12	2	24	480			
24	12	1	20	360	24	600	24	840	12	4	20	720			
25	12	5	4	240	4	420	8	300	12	5	12	480			
26	16	6	16	1080	16	600	16	480	16	6	8	360			
27	18	7	20	2100	20	1920	16	1780	18	5	20	240			
28	18	3	16	1320	20	1200	20	1500	18	3	16	900			
29	16	2	4	300	20	720	16	480	16	5	20	840			
30	14	6	20	1320	20	1080	20	600	14	6	20	1680			
31	18	6	20	900	20	420	16	900	18	7	16	240			
Jaanuär 1930															
J. Komende.															
1	—	—	—	—	—	—	—	—	—	—	—	—			
2	—	—	—	—	—	—	—	—	—	—	—	—			
3	14	3	8	540	8	120	12	360	14	3	16	180			
4	18	7	20	360	20	240	24	480	22	7	32	180			
5	24	5	24	960	24	900	24	720	24	5	8	600			
6	18	3	24	480	16	360	8	240	18	3	18	600			
7	22	7	20	840	22	840	22	840	24	5	6	240			
8	22	6	20	600	20	480	24	720	22	6	26	720			
9	20	5	26	120	—	0	26	720	20	5	12	480			
10	22	4	28	480	—	0	30	480	20	5	22	660			
11	18	6	12	420	14	240	16	120	16	3	20	480			
12	14	2	16	480	16	600	12	720	14	3	8	240			
13	16	3	—	0	—	0	12	360	18	3	16	180			
14	14	1	16	120	24	240	20	300	20	1	16	240			
15	20	6	20	720	20	600	20	420	18	6	14	720			
16	18	6	16	120	20	120	16	120	24	6	28	540			
17	26	1	4	240	6	480	8	600	30	1	14	600			
18	18	3	20	540	20	240	24	420	20	4	18	600			
19	20	6	12	840	12	840	8	480	20	5	18	960			
20	18	4	10	480	10	360	12	480	18	7	20	240			
21	20	3	22	840	20	660	20	480	24	3	20	360			
22	28	5	28	300	4	540	4	780	28	5	32	300			
23	22	4	32	900	28	600	26	360	22	6	22	840			
24	22	6	26	600	24	480	24	120	24	6	26	840			
25	24	1	24	360	24	480	24	600	24	1	8	120			
26	20	2	24	30	24	16	120	20	2	16	720				
27	18	6	20	300	—	0	20	120	26	5	32	120			
28	32	2	32	840	2	360	4	840	4	1	28	600			
29	10	3	4	360	4	420	8	240	8	4	6	840			
30	6	4	32	540	32	480	30	960	6	4	26	300			
31	12	2	8	600	22	360	20	240	10	3	16	600			

Tulelaev „Tallinn“

Das Leuchtschiff „Tallinn“

	Tuul Wind 7 h			Vool 7 h Strom			Tuul Wind 13 h	Vool 13 h Strom			Tuul Wind 21 h	Vool 21 h Strom							
				0 m	10 m	20 m		0 m	10 m	20 m		0 m	10 m	20 m					
Veebruar 1930.																			
J. Komende.																			
1	8	3	20	120	20	360	20	240	8	5	24	240	22	360					
2	8	7	16	540	20	480	20	480	8	8	8	1200	12	480					
3	8	8	12	720	12	600	18	600	8	8	24	600	24	1200					
4	10	6	20	960	20	1200	22	1680	10	7	20	660	20	1440					
5	12	4	20	1080	24	1200	20	1080	14	3	20	840	20	960					
6	10	1	16	660	16	720	16	540	4	6	12	540	16	840					
7	2	3	8	360	20	480	20	300	30	3	24	720	20	480					
8	32	3	24	1200	24	840	22	960	32	4	26	360	24	360					
9	24	1	22	1200	22	1020	20	1200	26	3	26	1560	24	1440					
10	18	2	20	1080	20	960	20	840	16	3	20	1740	20	2040					
11	28	6	26	600	28	360	28	420	30	6	24	840	24	720					
12	20	1	24	840	26	720	24	960	20	4	24	1800	26	1440					
13	24	3	22	300	32	240	28	120	24	2	22	600	26	840					
14	22	4	26	840	28	720	28	360	22	6	26	1080	28	240					
15	22	6	8	240	4	360	4	720	22	6	24	720	26	240					
16	20	3	24	420	32	480	32	240	28	3	32	720	—	0					
17	2	2	26	480	26	240	24	120	30	1	—	0	—	0					
18	24	2	24	600	24	600	26	360	26	2	8	480	8	720					
19	28	2	16	240	18	360	18	300	28	1	26	240	24	120					
20	28	1	4	240	8	120	—	0	—	0	16	360	16	180					
21	20	1	12	600	12	180	—	0	22	1	30	300	30	480					
22	24	2	24	240	32	660	24	420	22	2	26	120	—	0					
23	26	2	28	60	32	240	—	0	30	2	12	360	20	240					
24	6	1	16	60	16	120	—	0	26	1	32	240	32	480					
25	24	3	28	240	32	360	32	180	24	3	24	240	24	720					
26	24	3	28	120	28	240	24	240	22	3	24	180	24	16					
27	18	3	20	360	28	300	20	180	22	4	6	600	32	600					
28	20	3	—	0	—	0	4	240	20	3	20	480	—	0					
Märts 1930.																			
J. Komende.																			
1	24	6	12	480	8	360	8	480	24	4	8	600	8	840					
2	26	3	20	120	24	120	—	0	26	2	26	240	28	180					
3	24	2	—	0	24	120	—	0	24	3	20	240	20	360					
4	24	3	16	120	4	360	8	120	24	2	24	180	24	120					
5	2	2	4	240	6	360	6	480	30	1	14	120	14	120					
6	32	3	12	720	12	480	12	840	24	3	22	1260	22	1320					
7	26	4	12	600	12	600	14	720	26	4	24	840	26	600					
8	22	5	24	540	24	240	—	0	24	4	24	360	28	120					
9	26	3	—	0	8	120	—	0	24	1	—	0	—	0					
10	20	4	20	600	20	720	20	600	22	6	20	300	20	120					
11	30	1	—	0	16	300	12	240	2	1	24	600	24	600					
12	4	2	—	0	—	0	24	600	4	2	24	240	24	600					
13	8	7	8	900	8	600	8	600	8	7	12	900	12	1500					
14	4	6	28	480	24	360	24	120	4	4	24	300	24	600					
15	4	5	28	180	28	240	32	120	2	4	32	120	32	240					
16	32	3	8	300	32	600	28	900	32	2	4	720	28	900					
17	16	0	—	0	—	0	—	0	16	1	20	300	24	600					
18	14	3	24	720	24	120	24	360	14	2	16	480	16	300					
19	10	5	8	600	24	600	24	600	16	1	24	480	16	1080					
20	26	0	24	600	24	600	24	300	6	1	8	600	32	900					
21	20	8	24	2700	24	3300	24	2700	20	11	24	1800	24	3000					
22	20	5	—	—	20	900	20	1200	18	3	22	840	22	960					
23	12	7	20	840	22	1680	20	1080	20	7	24	600	26	480					
24	20	6	8	180	8	540	8	420	20	3	—	0	—	0					
25	12	1	—	0	—	0	28	120	—	0	16	120	12	180					
26	28	1	10	180	8	240	8	180	18	1	16	180	24	16					
27	10	3	12	300	12	360	12	420	6	3	30	1200	12	360					
28	6	2	10	480	10	240	10	120	6	1	20	240	20	60					
29	12	1	24	120	20	300	24	60	8	2	12	360	—	0					
30	14	3	24	360	28	360	28	720	8	2	—	0	26	240					
31	12	1	28	60	28	240	28	240	8	1	—	0	8	60					

Tulelaev „Tallinn“

Das Leuchtschiff „Tallinn“

	Tuul Wind 7 h	Vool 7 h Strom			Tuul Wind 13 h	Vool 13 h Strom			Tuul Wind 21 h	Vool 21 h Strom					
		0 m	10 m	20 m		0 m	10 m	20 m		0 m	10 m	20 m			
April 1930.															
J. Komende.															
1	8	1	24	240	24	180	24	120	6	4	8	480			
2	8	2	16	180	—	0	16	180	6	3	16	540			
3	8	2	—	0	—	0	28	120	6	3	20	120			
4	8	2	20	300	20	480	20	240	6	3	8	240			
5	8	3	12	120	14	360	—	0	8	4	12	480			
6	10	3	16	60	—	0	16	120	8	2	20	480			
7	12	1	20	180	20	360	20	360	6	1	18	480			
8	4	1	20	120	20	120	20	60	—	0	—	0			
9	6	1	4	60	4	120	—	0	4	1	6	60			
10	10	1	24	60	—	0	—	0	6	1	—	0			
11	—	0	28	120	—	0	—	0	24	60	24	60			
12	16	1	16	240	16	240	12	120	—	0	—	0			
13	—	0	8	720	8	600	8	480	—	0	4	420			
14	8	1	12	120	—	0	—	0	6	3	8	360			
15	8	3	16	120	16	240	16	120	8	3	26	360			
16	12	1	26	360	26	480	26	360	4	1	8	120			
17	6	3	8	600	32	360	28	720	6	6	8	1440			
18	4	8	4	480	4	480	2	840	4	8	32	720			
19	6	5	4	720	4	300	12	240	4	4	14	360			
20	12	2	16	360	16	360	16	240	16	120	16	240			
21	—	0	20	180	20	120	—	0	—	0	12	1200			
22	12	2	12	840	12	600	12	480	10	2	12	1080			
23	24	2	20	480	20	420	20	300	22	1	12	1320			
24	—	0	16	480	12	480	12	180	—	0	—	0			
25	2	2	20	360	16	600	20	240	—	0	16	1020			
26	2	2	18	300	20	600	20	120	12	1	20	600			
27	28	1	20	480	20	720	20	600	24	2	20	180			
28	24	3	22	600	8	240	—	0	24	3	24	360			
29	4	2	10	480	10	360	8	180	8	2	12	420			
30	28	1	26	360	26	300	24	240	24	3	24	360			
Mai 1930.															
J. Komende															
1	32	1	28	240	26	240	28	360	—	0	—	0			
2	24	2	24	180	24	240	22	360	26	1	26	240			
3	26	2	—	0	—	0	24	180	24	3	22	540			
4	30	3	—	0	8	480	6	120	28	2	18	660			
5	32	4	26	720	28	480	4	360	28	3	12	180			
6	32	2	12	240	12	120	12	120	24	1	26	120			
7	2	2	32	180	2	120	—	0	24	1	24	300			
8	10	2	24	180	24	240	24	480	6	5	12	960			
9	8	4	12	480	12	720	12	420	8	4	—	0			
10	10	2	8	180	—	0	12	60	8	3	10	480			
11	20	1	20	300	20	480	20	600	24	3	26	120			
12	22	2	24	180	24	240	24	240	24	1	12	240			
13	—	0	—	0	—	0	—	0	—	0	24	120			
14	20	1	24	360	26	240	26	360	24	2	22	240			
15	4	3	4	240	8	120	8	60	4	1	18	420			
16	2	1	30	240	30	240	—	0	10	1	—	0			
17	10	1	—	0	24	240	—	0	8	2	8	180			
18	20	1	20	300	20	180	—	0	20	1	24	300			
19	12	1	24	120	24	60	—	0	6	2	10	480			
20	10	1	12	360	12	360	16	180	6	2	—	0			
21	20	1	4	360	4	240	4	60	24	1	20	240			
22	6	1	4	180	4	180	28	120	6	2	10	840			
23	6	2	12	180	12	240	—	0	6	4	6	480			
24	8	1	16	300	16	300	18	60	6	3	8	360			
25	8	1	8	300	10	300	12	120	6	2	16	480			
26	8	1	20	120	24	240	—	0	—	0	—	0			
27	12	1	12	180	12	60	—	0	10	1	12	180			
28	4	1	8	180	—	0	—	0	4	2	14	420			
29	24	5	4	480	4	480	4	120	24	7	20	1200			
30	26	4	6	600	6	660	8	840	30	3	26	540			
31	32	3	32	540	30	720	24	540	32	1	24	480			

Tulelaev „Tallinn“

Das Leuchtschiff „Tallinn“

	Tuul		Vool 7 h Strom			Tuul		Vool 13 h Strom			Tuul		Vool 21 h Strom			
	Wind	7 h	0 m	10 m	20 m	Wind	13 h	0 m	10 m	20 m	Wind	21 h	0 m	10 m	20 m	
August 1930.																
J. Komende.																
1	18	1	12	480	8	420	8	180	—	0	10	360	10	540	8	180
2	30	1	6	960	8	540	8	240	30	2	12	300	12	960	12	540
3	26	3	8	840	8	480	12	120	28	3	8	240	12	840	24	24
4	28	2	6	600	8	240	8	120	26	2	10	120	4	420	4	360
5	22	1	24	120	2	120	—	0	24	3	28	360	26	840	26	600
6	20	2	—	0	8	120	—	0	24	3	26	180	28	240	28	120
7	6	4	4	480	2	360	2	360	4	4	—	0	20	120	16	240
8	2	1	—	0	6	180	28	180	—	0	28	360	32	480	32	540
9	24	3	32	120	32	480	—	0	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	2	1	26	240	26	300	28	240	2	1	30	60	30	240	32	120
21	4	3	32	240	28	240	30	180	12	3	20	720	16	60	—	0
22	10	2	24	240	28	120	28	60	8	2	8	480	4	300	4	300
23	18	1	20	180	16	180	—	0	24	2	24	180	28	360	28	240
24	20	1	4	240	32	180	24	180	24	1	24	240	26	240	24	120
25	28	2	28	960	26	480	26	120	24	4	24	600	24	360	28	840
26	26	6	26	420	28	780	28	720	28	6	28	600	30	660	30	780
27	32	2	8	420	8	600	12	360	28	2	24	720	22	840	26	360
28	32	3	4	540	2	480	32	360	32	2	22	300	24	120	26	420
29	2	1	30	120	30	180	30	180	6	1	24	240	24	360	16	308
30	24	1	24	780	24	780	26	840	24	1	24	960	24	720	24	780
31	20	4	24	960	24	1080	24	720	22	5	26	900	26	480	26	300
September 1930.																
J. Komende.																
1	18	6	22	1080	26	1080	24	900	28	6	28	660	28	1020	28	720
2	24	2	28	780	28	660	24	600	26	2	22	360	16	480	24	420
3	26	1	24	300	20	420	20	420	—	0	24	300	24	360	24	360
4	28	1	24	840	24	660	24	600	4	1	22	600	22	660	20	600
5	2	4	4	300	24	360	24	180	2	4	4	480	10	600	—	0
6	32	4	8	360	28	300	32	120	32	2	16	240	24	60	—	0
7	2	2	24	240	24	360	28	120	4	1	8	180	10	120	10	480
8	2	2	28	180	28	360	28	120	32	1	24	120	24	60	24	32
9	32	3	32	300	4	420	4	240	4	4	8	720	10	120	10	240
10	4	2	8	360	8	720	8	720	4	2	32	480	4	360	32	180
11	4	2	4	420	4	420	24	240	4	2	4	360	32	240	32	300
12	2	2	4	240	4	120	32	240	4	1	8	60	12	180	8	180
13	16	1	16	300	16	360	8	360	12	1	12	120	12	180	12	300
14	10	4	10	1440	10	840	12	600	10	3	4	360	32	240	32	240
15	4	3	10	600	12	480	12	600	12	3	12	960	12	720	12	600
16	14	2	10	600	10	720	12	840	12	2	12	1080	12	1080	8	1080
17	16	1	6	600	8	480	8	720	20	2	8	510	8	720	8	660
18	28	8	2	240	—	0	2	420	28	8	4	840	2	900	2	720
19	32	4	4	360	8	480	8	480	32	1	4	60	4	180	32	68
20	18	2	8	360	8	600	8	480	16	1	8	600	6	300	6	240
21	12	4	8	360	8	360	8	120	12	3	10	480	10	600	10	60
22	4	1	8	600	8	360	8	180	16	1	8	540	6	240	4	180
23	2	4	8	240	—	0	—	0	2	3	10	480	14	480	14	240
24	18	2	12	180	10	240	10	240	18	3	12	720	16	600	16	600
25	18	4	12	240	12	240	12	300	18	4	16	300	16	240	8	360
26	16	4	12	480	12	720	16	360	18	2	24	300	—	0	—	0
27	6	1	8	180	8	60	8	180	6	2	8	360	8	240	8	240
28	32	1	32	120	4	120	4	120	26	2	26	240	30	240	28	60
29	24	2	8	120	8	120	8	120	24	4	28	420	30	320	32	600
30	28	4	2	480	28	240	2	480	28	3	8	960	8	840	8	720

Tulelaev „Tallinn“

Das Leuchtschiff „Tallinn“

	Tuul Wind 7h	Vool 7h Strom			Tuul Wind 13h	Vool 13h Strom			Tuul Wind 21h	Vool 21h Strom																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
		0 m	10 m	20 m		0 m	10 m	20 m		0 m	10 m	20 m																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Mai 1931.														J. Komende.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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Tulelaev „Tallinn“

Das Leuchtschiff „Tallinn“

Tuul Wind		Vool 7h Strom			Tuul Wind		Vool 13h Strom			Tuul Wind		Vool 21h Strom						
7h		0 m	10 m	20 m	13h		0 m	10 m	20 m	21h		0 m	10 m	20 m				
Juuli 1931.																		
J. Komende, K. Tiismann.																		
1	2	1	—	0	12	180	4	1	8	360	12	480	12	360				
2	—	0	12	480	12	660	12	780	22	1	16	60	16	240				
3	18	1	20	480	22	180	22	60	4	1	8	240	16	120				
4	12	1	—	0	—	0	—	0	8	1	12	60	24	60				
5	6	1	8	180	4	120	2	120	6	2	8	360	8	240				
6	4	1	6	540	8	360	8	240	—	0	12	240	4	60				
7	4	2	24	60	—	0	8	180	4	1	4	240	4	240				
8	8	1	4	600	4	360	4	300	8	3	8	780	8	720				
9	18	1	28	180	28	60	24	180	12	1	8	960	8	720				
10	16	4	16	600	20	360	20	360	16	6	20	180	6	240				
11	16	3	32	240	32	240	2	300	20	3	12	360	10	360				
12	—	0	24	120	28	120	28	240	24	1	32	180	8	180				
13	24	2	30	300	30	360	28	180	24	2	24	480	26	300				
14	—	0	—	0	28	240	28	300	—	0	32	360	30	360				
15	8	2	4	60	32	60	—	0	6	3	2	360	4	180				
16	8	1	20	60	24	60	—	0	8	3	8	600	6	720				
17	20	2	4	720	4	420	4	960	6	1	8	360	8	360				
18	20	3	20	480	—	0	—	0	20	2	8	120	8	360				
19	16	2	32	180	8	240	16	240	12	2	—	0	—	0				
20	16	2	8	120	8	600	8	480	16	5	24	300	28	420				
21	8	1	32	480	32	480	32	720	10	1	8	480	8	480				
22	16	3	16	420	16	420	16	180	24	2	28	600	32	600				
23	20	5	20	960	20	240	20	240	24	5	28	720	28	840				
24	24	5	—	0	—	0	—	0	22	4	—	0	16	240				
25	24	1	24	840	24	1080	24	1080	24	1	28	120	28	120				
26	—	0	20	120	20	240	20	540	8	1	8	360	20	240				
27	8	1	—	0	—	0	28	120	8	2	12	300	—	0				
28	24	2	24	600	24	660	24	660	24	1	32	420	4	120				
29	12	1	16	240	16	180	24	240	8	1	8	120	8	60				
30	10	1	12	120	12	300	—	0	10	1	16	120	—	0				
31	24	1	24	240	24	360	24	360	22	2	24	360	24	480				
August 1931.																		
J. Komende, K. Tiismann.																		
1	24	1	—	0	—	0	—	0	24	1	32	60	32	60				
2	—	0	4	120	6	120	4	120	28	1	28	120	28	60				
3	28	2	—	—	—	—	—	—	28	1	—	—	—	0				
4	26	1	24	240	24	120	24	120	24	3	26	960	26	360				
5	30	3	2	360	2	420	26	540	26	4	4	300	—	0				
6	26	1	24	900	24	600	24	180	24	2	4	480	4	360				
7	18	1	20	780	20	480	20	480	4	1	2	240	28	300				
8	18	3	22	360	20	360	22	600	20	3	16	420	20	240				
9	24	7	26	600	28	480	30	480	22	5	8	180	10	360				
10	16	1	18	420	18	360	20	360	18	2	20	480	24	420				
11	20	3	20	540	20	420	22	480	22	1	22	240	—	0				
12	22	1	24	240	28	240	28	120	—	0	32	60	28	120				
13	30	2	28	180	28	360	28	240	28	2	32	240	24	240				
14	18	2	22	240	22	240	22	360	—	0	26	240	24	300				
15	—	0	24	240	24	180	24	240	20	1	24	840	24	600				
16	22	1	—	0	26	360	28	360	22	1	24	600	26	480				
17	24	1	—	0	26	240	—	0	—	0	22	360	22	420				
18	—	0	6	300	6	360	6	360	10	1	10	360	8	240				
19	18	1	32	360	32	360	32	120	—	0	—	0	8	60				
20	16	1	32	60	6	240	8	300	—	0	—	0	8	240				
21	12	2	6	240	20	120	6	300	12	3	10	360	10	600				
22	—	0	24	120	26	60	26	60	8	1	6	240	8	420				
23	14	5	16	480	20	960	20	600	16	4	26	540	32	120				
24	18	4	18	540	12	300	24	240	18	3	26	240	24	180				
25	20	2	20	240	24	60	20	240	22	3	20	540	24	480				
26	4	1	28	60	32	120	32	60	6	2	—	0	4	240				
27	2	6	32	660	8	660	26	300	2	6	4	960	6	600				
28	4	6	8	120	32	180	8	240	4	5	8	180	28	120				
29	4	2	16	240	—	0	4	120	4	1	16	120	—	0				
30	30	3	24	360	28	300	32	240	30	4	32	480	32	480				
31	32	2	32	600	4	180	32	180	30	2	24	420	26	180				

Tulelaev „Tallinn“

Das Leuchtschiff „Tallinn“

	Tuul Wind 7 h	Vool 7 h Strom			Tuul Wind 13 h	Vool 13 h Strom			Tuul Wind 21 h	Vool 21 h Strom				
		0 m	10 m	20 m		0 m	10 m	20 m		0 m	10 m	20 m		
September 1931.														
1	22	4	24	120	24	180	—	0	24	6	360	—	0	
2	8	1	2	180	8	240	6	60	24	4	240	32	240	
3	12	2	16	120	12	60	12	240	14	5	16	420	20	480
4	20	3	16	120	20	240	20	180	20	4	28	480	28	360
5	32	1	4	120	6	360	8	180	6	1	8	480	8	600
6	16	2	26	1080	26	1140	24	1080	18	5	20	960	20	840
7	16	4	20	1320	20	1200	20	1140	26	2	28	240	32	180
8	28	5	32	300	4	300	8	240	28	5	32	180	32	120
9	20	5	24	480	20	360	20	480	20	3	26	360	32	120
10	20	2	28	240	32	180	32	180	24	5	20	480	26	360
11	24	5	20	840	22	480	24	600	24	6	28	360	28	480
12	20	1	20	540	20	480	22	360	16	1	—	0	26	240
13	4	5	4	480	32	240	32	360	32	5	24	600	24	660
14	30	3	32	540	28	360	28	360	28	3	24	960	24	720
15	32	4	—	0	8	240	8	240	26	3	24	480	26	300
16	28	2	24	300	20	240	—	0	24	3	26	300	24	360
17	24	2	4	120	8	120	6	360	24	2	24	180	24	240
18	32	1	20	180	22	120	20	120	32	1	6	180	4	60
19	20	1	24	420	24	300	4	240	20	1	20	180	—	0
20	30	3	28	240	4	300	4	300	32	3	8	180	8	120
21	32	3	4	120	6	120	—	0	32	4	6	480	8	240
22	2	3	18	480	18	360	20	300	2	2	32	600	32	600
23	2	4	—	0	20	300	24	240	2	1	2	60	20	120
24	24	1	26	180	24	240	18	300	24	1	28	360	24	180
25	26	2	22	240	22	420	24	360	32	3	20	480	20	360
26	2	7	28	360	24	720	24	600	32	7	32	660	32	600
27	2	5	28	420	6	180	6	120	30	4	30	120	6	360
28	28	1	12	240	8	240	8	180	24	1	16	300	16	240
29	32	3	8	660	8	480	8	600	32	2	10	600	10	600
30	2	2	—	0	8	420	8	360	4	2	8	660	8	660
Oktoober 1931.														
1	20	1	16	780	20	600	20	480	22	2	20	840	20	660
2	18	4	12	480	16	300	16	480	20	4	20	600	20	360
3	20	6	—	0	6	420	6	480	24	6	8	240	8	360
4	28	5	32	480	8	240	8	600	28	6	4	480	8	840
5	28	1	8	120	8	180	8	240	20	1	10	360	10	240
6	24	2	—	0	20	120	14	300	24	2	8	360	8	480
7	18	1	16	480	16	360	16	240	20	2	—	0	8	180
8	12	4	20	600	20	540	16	120	20	3	18	540	20	600
9	20	4	—	0	12	600	8	600	22	4	24	480	20	300
10	20	2	20	240	20	240	24	360	20	6	26	600	26	720
11	22	1	24	120	28	60	—	0	22	1	22	240	22	300
12	24	3	6	420	6	600	6	360	24	3	8	180	8	300
13	22	2	16	240	20	120	16	300	22	4	22	600	28	540
14	20	4	14	720	12	360	12	240	22	1	—	0	2	180
15	30	5	8	420	8	600	8	840	30	3	28	360	30	240
16	26	2	8	840	8	960	8	1020	24	2	4	360	4	240
17	22	3	22	360	22	600	16	480	22	5	28	660	—	0
18	30	4	2	60	2	360	2	180	30	3	8	180	28	120
19	24	5	24	1200	24	960	24	840	22	8	20	1320	16	1200
20	24	5	24	420	16	180	16	600	18	5	20	780	20	360
21	24	7	—	0	8	600	8	540	24	4	8	840	8	1200
22	30	5	32	720	28	720	28	420	30	4	32	360	28	120
23	16	6	16	840	16	720	16	600	24	7	22	1080	24	1320
24	4	1	24	660	24	720	24	840	8	2	24	480	24	600
25	4	7	24	120	28	360	26	480	4	7	28	1080	24	1020
26	28	2	24	480	24	360	16	120	32	2	32	180	4	120
27	28	2	24	660	22	840	22	1020	24	3	20	600	20	540
28	20	7	20	1080	20	900	18	600	20	7	16	840	20	780
29	16	2	16	420	20	600	20	480	16	1	22	720	24	780
30	20	2	20	660	22	780	22	600	30	2	20	600	20	660
31	28	4	26	420	24	480	24	600	28	3	24	780	20	780

Tulelaev „Tallinn“

Das Leuchtschiff „Tallinn“

	Tuul Wind				Vool 7 h Strom				Tuul Wind				Vool 13 h Strom				Tuul Wind				Vool 21 h Strom																																										
	7 h				0 m				10 m				20 m				13 h				0 m				10 m				20 m				21 h				0 m				10 m				20 m																		
Jaanaar 1932.																																J. Komende.																															
1	24	1	24	600	26	660	24	840	26	2	26	420	26	540	24	480	26	1	2	300	24	240	24	180																																							
2	18	7	16	1320	20	1440	20	1560	18	9	20	1680	20	1200	20	960	18	9	18	720	18	240	6	240																																							
3	26	7	28	540	28	540	28	360	28	7	28	900	28	1200	28	720	28	7	28	720	28	600	28	420																																							
4	30	7	2	740	8	780	8	420	30	7	32	740	2	480	32	540	30	6	28	540	26	600	30	180																																							
5	26	3	4	360	8	480	8	480	16	3	14	960	16	720	16	540	16	3	16	600	16	480	16	420																																							
6	10	3	12	180	12	120	—	0	14	3	20	360	20	300	24	600	14	4	20	540	24	720	24	780																																							
7	16	3	16	840	12	720	12	540	16	4	16	780	16	660	20	1200	16	5	20	960	20	1200	20	1380																																							
8	24	2	12	720	8	780	8	840	20	5	20	900	22	840	24	780	20	4	20	900	24	1200	24	1200																																							
9	24	3	32	120	2	240	4	360	24	3	—	0	8	120	8	300	24	3	24	420	20	480	20	600																																							
10	30	3	—	0	8	120	8	120	28	3	26	360	28	180	28	120	28	1	—	0	32	60	22	120																																							
11	18	4	16	360	—	0	24	120	18	7	20	540	20	360	20	480	16	6	24	480	24	600	24	840																																							
12	18	5	18	480	24	600	20	720	18	5	16	480	12	720	12	360	18	4	16	360	20	180	20	480																																							
13	18	3	16	600	16	360	20	360	18	3	18	720	20	720	20	540	18	3	18	300	22	300	18	600																																							
14	18	4	16	180	18	480	20	720	18	4	20	600	24	360	24	600	18	4	24	480	24	360	20	300																																							
15	24	3	28	120	32	240	—	0	24	3	4	360	6	180	4	180	20	2	20	120	—	0	20	120																																							
16	18	3	20	420	14	360	16	420	22	4	8	60	8	120	8	120	22	3	14	360	12	300	—	0																																							
17	18	2	20	300	22	240	20	360	18	3	18	720	20	660	20	360	18	3	16	660	22	540	24	600																																							
18	18	3	20	300	20	360	20	360	18	3	20	360	20	600	20	360	18	5	20	1080	18	840	18	720																																							
19	20	6	8	240	12	720	12	600	22	5	8	120	12	840	12	1140	20	4	20	840	16	600	20	720																																							
20	22	5	28	360	24	180	20	120	24	5	24	240	16	240	20	240	24	2	8	180	6	540	6	420																																							
21	18	1	24	120	24	240	24	360	20	2	20	480	20	360	24	420	18	2	16	840	24	720	22	660																																							
22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																																								
23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																																								
24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																																								
25	22	4	24	600	20	600	16	720	22	7	24	480	20	660	20	420	22	3	20	660	22	960	22	600																																							
26	24	4	24	420	32	300	32	300	24	5	24	600	28	360	24	300	26	5	4	480	32	420	26	420																																							
27	28	1	8	480	8	420	8	360	20	1	24	360	24	480	20	600	20	2	20	480	24	720	20	120																																							
28	24	4	28	420	32	360	2	120	24	3	8	60	8	120	4	360	24	3	24	300	20	240	24	240																																							
29	22	7	22	960	20	1200	22	960	22	8	22	960	24	600	24	720	22	7	16	480	28	600	—	0																																							
30	24	5	24	720	26	720	26	900	28	7	28	480	30	480	2	420	30	8	2	960	2	720	4	960																																							
31	32	7	2	360	32	300	28	360	28	4	24	900	24	840	24	780	26	3	20	900	24	480	20	480																																							
Veebruar 1932.																																J. Komende.																															
1	26	8	24	120	32	240	28	180	30	8	4	600	32	480	8	960	26	8	4	840	6	960	6	900																																							
2	32	6	24	1206	24	720	22	960	32	3	24	780	24	780	24	600	30	1	24	360	24	120	24	240																																							
3	2	4	8	1020	8	1020	8	1080	28	1	22	1620	22	1680	22	1560	22	2	22	1620	22	1740	22	1620																																							
4	28	4	8	360	8	600	8	720	32	6	4	820	8	300	8	360	32	7	4	480	32	540	4	600																																							
5	2	7	32	360	10	360	12	360	2	5	20	360	20	840	20	1020	4	3	22	840	22	1020	20	900																																							
6	20	7	20	840	20	840	20	960	24	7	24	900	28	900	24	900	24	4	26	240	28	300	26	240																																							
7	32	3	32	360	24	180	24	120	2	3	24	120	16	180	22	360	4	2	—	0	28	240	12	360																																							
8	8	3	4	420	8	240	8	300	6	5	8	360	12	480	16	300	6	5	32	240	—	0	16	300																																							
9	4	4	4	840	8	600	8	540	6	6	8	600	16	600	18	360	4	6	2	480	28	840	28	1200																																							
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Tulelaev „Tallinn“

Das Leuchtschiff „Tallinn“

	Tuul Wind		Vool 7h Strom			Tuul Wind	Vool 13h Strom		Tuul Wind	Vool 21h Strom			
	7h		0 m	10 m	20 m	13h	0 m	10 m	20 m	21h	0 m	10 m	20 m
Mai 1932.													
1	—	—	—	—	—	—	—	—	—	4	1	8	120
2	—	—	—	—	—	—	—	—	—	1	1	16	120
3	6	2	20	240	20	360	20	360	6	2	8	120	8
4	8	4	10	480	10	300	8	240	6	3	12	360	8
5	—	—	—	—	—	—	—	—	—	—	—	—	—
6	22	1	22	420	24	420	24	360	20	1	8	120	8
7	24	1	—	0	24	120	—	0	6	3	6	480	8
8	—	0	12	120	12	120	—	0	—	0	22	300	22
9	—	0	28	180	28	240	30	420	—	0	8	120	8
10	4	3	—	0	—	16	240	4	3	24	120	24	360
11	24	1	—	0	24	60	24	60	20	3	24	600	20
12	16	2	20	240	20	120	20	360	20	1	22	240	22
13	—	0	24	240	24	120	20	120	—	0	—	0	—
14	12	1	18	240	20	300	24	120	14	2	16	420	16
15	22	1	16	120	20	300	22	120	22	1	22	300	24
16	—	0	8	120	8	120	8	60	—	0	—	0	—
17	—	0	10	360	12	120	8	60	—	0	12	540	12
18	—	0	4	120	4	60	8	60	22	1	—	0	—
19	22	1	—	0	—	24	120	20	2	2	20	420	16
20	22	2	8	120	8	240	8	240	22	4	22	180	26
21	22	3	6	300	4	120	6	120	20	3	16	360	16
22	28	1	28	240	28	180	28	180	—	0	8	360	8
23	8	6	8	600	8	660	8	420	8	6	16	480	18
24	22	1	8	120	12	360	16	420	2	1	2	300	4
25	10	1	10	300	12	240	12	120	6	3	8	120	8
26	8	4	8	600	8	480	10	600	6	6	4	660	8
27	6	4	8	180	8	240	8	240	6	4	8	480	8
28	6	1	8	180	10	300	10	360	8	1	8	300	10
29	22	1	16	240	16	180	16	60	22	1	10	60	8
30	26	1	14	420	14	540	16	300	—	0	8	60	—
31	—	0	18	240	—	0	—	—	0	12	360	12	240
J. Komende.													
1	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	—	—	—	—
J. Komende.													
1	4	3	10	600	12	720	12	720	4	1	12	60	12
2	4	1	8	180	—	0	—	18	1	12	180	12	120
3	18	4	28	300	28	600	28	480	24	1	8	840	8
4	16	2	12	600	12	480	12	480	8	1	32	540	32
5	20	3	30	420	32	360	32	240	12	4	24	720	24
6	20	1	32	360	32	660	32	240	22	2	24	420	26
7	24	1	24	360	24	300	24	180	22	2	22	420	22
8	22	3	24	300	24	240	—	0	—	0	16	480	16
9	16	1	22	300	24	180	—	0	22	2	24	120	24
10	26	2	32	240	32	360	28	180	24	3	22	720	24
11	26	1	24	120	28	360	28	240	22	1	20	120	20
12	20	1	—	0	—	0	20	180	—	0	8	120	8
13	12	1	24	120	24	360	24	360	6	1	12	240	—
14	28	1	26	180	20	120	22	120	24	1	—	0	—
15	32	1	24	360	24	300	24	240	32	1	4	120	4
16	2	5	4	360	12	240	16	180	4	7	2	480	4
17	6	6	12	420	16	480	16	660	6	4	20	480	24
18	30	1	28	180	24	120	28	60	—	0	24	120	24
19	18	2	20	360	22	540	22	600	30	1	28	120	32
20	14	1	16	120	20	300	20	180	6	2	20	540	20
21	6	1	8	60	24	120	24	120	4	1	20	360	20
22	4	1	32	120	28	60	—	0	6	1	4	60	30
23	2	1	—	0	—	24	60	24	120	—	0	20	120
24	8	2	24	120	24	60	20	60	6	3	8	120	12
25	12	1	14	120	16	120	16	180	4	1	28	120	28
26	24	2	20	120	20	60	24	180	24	1	24	120	—
27	22	2	24	120	22	180	24	120	24	3	30	300	32
28	20	4	20	300	28	480	28	240	22	4	26	360	32
29	20	2	14	300	8	240	12	240	16	2	28	300	28
30	26	3	30	240	30	180	28	300	22	2	8	300	8

Tulelaev „Tallinn“

Das Leuchtschiff „Tallinn“

	Tuul Wind 7 h	Vool 7 h Strom			Tuul Wind 13 h	Vool 13 h Strom			Tuul Wind 21 h	Vool 21 h Strom														
		0 m	10 m	20 m		0 m	10 m	20 m		0 m	10 m	20 m												
September 1932.						J. Komende.																		
1	—	0	—	0	—	0	26	120	22	2	20	600	24	420	24	480	24	3	24	600	28	180	32	120
2	16	3	20	840	20	600	24	600	18	4	18	300	24	300	20	360	16	5	12	600	16	360	22	840
3	18	7	18	660	20	900	20	900	22	5	4	240	4	360	8	420	22	4	20	660	22	660	22	720
4	20	4	20	420	20	540	20	600	22	6	22	1260	24	1080	24	1080	22	6	20	300	24	180	24	180
5	24	5	20	720	22	600	16	480	24	7	20	900	21	420	20	420	24	5	22	1320	24	1200	24	1200
6	24	3	24	1320	24	1320	24	1560	24	3	24	1440	24	1620	24	1800	22	3	22	1620	24	1800	24	1500
7	18	3	20	1860	24	1800	24	1620	16	4	20	1320	22	1440	20	1320	16	5	22	2160	22	2160	24	1920
8	18	4	20	1320	20	1380	24	1440	22	2	22	600	22	720	22	660	24	2	22	1320	22	1500	22	1260
9	22	2	22	600	22	540	24	600	22	2	24	540	24	600	24	360	22	1	20	1020	20	960	20	840
10	12	1	20	840	24	960	24	900	10	1	18	660	18	840	18	840	12	2	22	840	24	780	24	1260
11	16	3	22	960	22	840	22	1080	16	2	22	660	24	840	24	840	20	5	20	2040	22	2160	20	1920
12	16	2	20	660	22	600	22	540	24	5	24	1680	24	1640	24	1440	24	5	24	1440	24	840	24	900
13	20	4	24	1020	24	960	24	1080	24	4	24	1320	24	1320	22	960	26	4	26	1080	24	960	24	1680
14	26	4	24	1380	24	1440	22	1320	26	4	26	960	24	1320	24	1380	28	4	28	960	24	1080	24	1680
15	30	4	24	960	24	1440	24	1500	24	1	24	1320	24	1200	24	1440	18	3	24	1500	24	1560	24	1560
16	24	2	24	1440	24	1560	24	1620	26	2	24	1200	24	1200	26	1020	24	3	24	2160	24	1920	24	1500
17	24	2	24	720	24	720	24	480	24	4	24	1080	24	600	24	480	26	3	24	960	26	840	26	780
18	26	2	24	720	24	480	24	600	12	1	26	960	28	900	28	780	8	2	24	120	24	600	26	480
19	12	4	18	900	24	780	24	600	20	3	24	840	24	720	24	960	18	2	24	540	28	600	26	600
20	22	3	26	180	26	360	26	120	22	3	22	960	24	660	24	780	22	5	24	480	24	600	22	660
21	24	3	20	720	24	660	24	630	24	3	24	720	26	840	26	600	20	2	20	1200	24	900	24	660
22	28	4	28	480	24	240	300	26	23	3	26	840	20	840	24	960	26	5	26	840	24	960	24	1020
23	20	4	20	840	20	720	22	720	20	6	26	600	24	480	24	240	18	5	20	480	24	480	22	300
24	20	2	24	480	26	420	26	600	24	2	24	540	24	420	28	420	24	3	4	120	4	240	24	120
25	8	1	12	360	20	480	22	720	18	1	—	0	4	420	4	480	12	1	8	540	8	420	8	300
26	20	2	28	120	28	120	—	0	20	2	4	240	2	300	28	180	20	1	32	180	30	360	30	420
27	16	3	16	480	22	420	24	420	18	3	28	360	28	480	28	360	24	1	34	840	24	960	24	600
28	28	3	28	360	32	600	32	420	24	4	24	960	22	900	20	960	24	4	24	600	26	540	24	480
29	24	6	28	720	8	180	8	300	24	6	24	480	24	360	28	360	24	6	24	660	24	420	24	480
30	26	1	12	120	12	240	12	540	—	0	24	180	24	240	24	240	—	0	12	240	12	120	12	180
Oktoober 1932.						J. Komende.																		
1	16	4	20	600	20	780	16	480	20	4	24	1080	24	780	24	600	20	6	22	420	28	720	24	360
2	18	5	16	300	10	360	8	420	16	6	16	1080	20	900	20	720	24	6	24	1200	24	1080	24	900
3	26	4	8	480	8	780	8	600	26	1	10	180	12	420	12	480	24	2	24	960	24	960	26	660
4	28	4	28	360	26	480	26	360	22	2	12	600	12	300	12	420	22	1	24	240	24	120	20	240
5	12	4	12	840	12	1080	12	960	14	4	16	360	16	240	16	240	12	3	22	240	20	240	20	300
6	2	1	24	840	24	1020	24	1080	32	1	26	660	24	900	24	600	4	2	22	720	22	720	18	360
7	20	1	24	240	20	420	20	240	20	3	16	480	20	540	22	480	16	4	16	720	20	840	20	360
8	18	3	24	600	20	240	14	720	18	2	24	120	22	240	22	300	16	2	16	180	16	180	18	240
9	12	3	16	480	16	300	18	540	12	5	12	360	16	480	16	420	10	7	14	960	16	720	20	480
10	12	6	16	600	16	840	20	900	8	7	8	360	28	120	24	60	10	8	12	480	20	660	12	480
11	12	6	16	720	20	480	20	600	14	4	20	360	16	240	30	240	14	3	16	600	16	240	18	240
12	—	0	26	300	26	240	26	300	24	2	22	360	16	540	20	480	22	2	20	480	22	240	20	240
13	18	2	22	540	20	540	20	480	22	3	20	1080	24	720	24	360	20	4	22	600	20	420	20	360
14	16	3	16	480	20	540	12	600	14	4	16	360	20	1020	24	840	12	4	18	600	20	540	20	720
15	12	3	12	600	12	900	12	780	12	2	20	660	20	1020	20	900	12	2	22	720	24	840	24	960
16	22	1	28	180	12	60	12	60	20	4	20	300	24	360	20	660	20	4	20	840	24	780	24	540
17	18	3	20	540	20	600	16	720	18	3	18	540	20	480	20	720	18	3	20	360	24	420	18	300
18	18	3	16	300	12	180	12	120	24	2	18	600	20	360	22	300	24	1	8	240	12	240	12	300
19	—	0	24	180	24	180	22	120	4	3	28	360	—	0	24	60	2	2	—	0	16	240	26	540
20	28	1	28	360	24	240	24	240	26	2	—	0	2	240	32	300	26	1	—	0	32	120	24	60
21	—	0	—	0	—	0	30	120	12	2	8	240	24	360	28	120	12	3	12	180	—	0	8	60
22	6	2	20	120	20	60	20	60	4	1	24	240	26	300	24	240	20	1	30	480	30	480	28	360
23	14	5	20	300	24	600	28	360	16	5	16	360	20	480	22	720	20	6	24	540	24	540	24	300
24	24	5	8	120	8	420	8	480	20	2	32	120	32	360	32	240	16	2	28	180	26	240	24	240
25	30	3	32	660	32	240	4	720	26	3	28	1080	26	600	24	600	26	3	26	540	24	660	24	720
26	20	2	20	720	20	600	20	360	24	3	28	240	22	240	32	840	26	2	8	240	8	480	8	480
27	8	3	8	600	12	480	—	0	8	4	16	540	20	480	20	660	6	7	12	300	14	300	—	0
28	2	6	8	420	24	360	24	420	2	5	26	360	20	360	24	600	32	4	24	120	24	360	24	420
29	2	1	10	300	10	180	12	540	32	1	—	0	12	120	12	180	2	1	32	180	28	360	28	120
30	4	2	16	240	16	360	14	480	32	1	24	300	22	600	28	300	32	1	24	120	24	480	24	480
31	4	2	4	480	8	600	8	660	8	3	22	360	16	240	16	300	10	3	16	240	16	600	16	660

Tulelaev „Tallinn“

Das Leuchtschiff „Tallinn“

	Tuul Wind 7 h	Vool 7h Strom			Tuul Wind 13 h	Vool 13h Strom			Tuul Wind 21 h	Vool 21h Strom					
		0 m	10 m	20 m		0 m	10 m	20 m		0 m	10 m	20 m			
November 1932.															
J. Komende.															
1	4	5	8	720	8	480	8	180	4	5	16	240			
2	2	1	2	300	32	240	30	600	4	1	2	540			
3	14	3	20	540	20	720	24	420	16	5	16	480			
4	16	2	20	1080	20	1200	20	960	16	3	22	780			
5	20	3	20	600	20	960	24	660	20	3	20	480			
6	2	5	6	420	8	600	8	660	32	4	20	420			
7	22	3	22	600	16	360	—	0	22	5	24	600			
8	24	4	28	540	28	420	32	600	28	1	6	720			
9	12	2	12	360	14	420	16	300	12	3	16	660			
10	16	3	20	600	20	480	16	360	16	4	16	300			
11	24	4	30	480	30	420	30	420	24	3	8	540			
12	2	3	8	540	8	540	8	960	6	3	6	480			
13	24	4	20	840	26	420	28	360	24	5	28	780			
14	22	4	24	300	28	120	28	240	22	7	24	960			
15	24	7	26	720	32	780	32	960	24	6	12	480			
16	28	3	30	660	28	600	28	300	32	3	2	300			
17	28	2	—	0	4	180	8	360	4	2	32	720			
18	32	4	2	420	32	400	32	360	32	3	32	600			
19	16	1	26	360	28	180	28	120	18	3	20	480			
20	20	6	16	900	16	600	12	660	20	5	8	120			
21	16	3	12	120	12	120	8	240	16	3	24	540			
22	16	4	16	660	16	540	12	600	16	4	16	480			
23	18	4	16	660	20	480	20	360	16	5	18	600			
24	18	4	24	660	22	360	24	240	18	6	22	600			
25	18	4	20	600	22	360	24	240	16	3	16	480			
26	16	2	20	480	16	360	24	240	16	1	24	120			
27	16	3	16	600	12	540	12	300	14	5	16	660			
28	18	4	12	360	12	480	8	540	18	4	24	480			
29	24	3	8	240	8	480	8	360	20	8	20	1440			
30	20	8	8	600	8	960	8	1020	20	7	20	1320			
Detsember 1932.															
J. Komende.															
1	20	6	16	1200	12	1080	12	840	20	5	20	900			
2	16	5	16	840	16	720	18	480	16	6	16	600			
3	16	2	16	360	12	240	8	240	14	1	—	0			
4	18	3	—	0	8	420	8	360	18	3	18	780			
5	16	2	12	360	16	240	16	300	24	1	4	120			
6	16	1	24	120	24	360	24	240	16	1	16	540			
7	4	3	6	300	8	240	6	480	6	3	6	600			
8	4	4	4	180	4	120	—	0	2	5	4	240			
9	32	3	4	720	6	360	8	300	32	3	8	300			
10	24	2	20	780	28	480	28	360	24	3	22	1080			
11	28	3	8	600	8	480	8	360	24	6	22	1800			
12	32	3	6	780	8	1020	6	1320	30	1	24	960			
13	24	2	—	0	10	360	8	240	24	1	24	420			
14	16	2	16	360	16	180	18	60	18	2	20	180			
15	16	1	20	120	16	120	16	60	18	3	20	240			
16	20	2	20	420	20	300	26	240	18	3	20	480			
17	20	2	16	420	16	360	20	240	24	1	24	300			
18	18	3	18	960	16	720	16	360	20	6	24	720			
19	20	2	16	240	8	360	8	360	20	4	20	1320			
20	22	4	24	480	24	240	28	300	22	3	24	240			
21	24	2	26	120	24	240	—	0	28	2	—	0			
22	24	2	24	540	28	420	28	480	24	1	28	180			
23	18	3	24	180	24	240	24	240	22	2	20	300			
24	24	2	20	720	20	480	20	420	24	2	24	600			
25	18	2	24	120	24	60	—	0	24	1	26	300			
26	24	5	24	1140	24	900	24	780	24	6	20	900			
27	24	3	24	360	24	240	24	480	22	4	22	720			
28	24	6	32	120	6	660	6	360	22	5	24	120			
29	22	7	20	120	4	180	4	180	24	7	24	180			
30	22	6	22	360	20	240	24	240	22	6	22	960			
31	18	5	16	480	20	360	20	480	18	4	16	420			

Tallinna madalik.

Das Leuchtschiff „Tallinn“.

	Tuul Wind 7h			Vool 7h Strom			Tuul Wind 13h	Vool 13h Strom			Tuul Wind 21h	Vool 21h Strom				
	0 m	10 m	20 m	0 m	10 m	20 m		0 m	10 m	20 m		0 m	10 m	20 m		
Aprill 1933.																
K. Tiismann.																
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12	16	3	16	240	16	240	18	360	16	120	16	3	—	0		
13	20	2	22	360	24	300	22	300	26	3	30	600	32	360		
14	30	5	28	360	4	480	4	240	26	2	24	480	28	360		
15																
16	12	3	12	300	14	180	10	480	12	3	14	180	16	180		
17	8	2	20	240	18	300	20	240	6	2	16	120	18	180		
18	2	4	2	420	4	120	8	180	2	2	4	32	720	2		
19	4	4	26	480	24	360	24	300	2	5	32	180	30	420		
20	2	3	26	120	26	120	26	120	2	2	2	240	2	240		
21	4	1	4	120	28	120	28	120	6	1	—	0	—	0		
22	—	0	6	60	—	0	—	0	—	0	2	28	60	24		
23	20	3	20	480	24	420	26	240	20	1	10	180	8	120		
24	24	3	30	240	—	0	2	180	24	4	5	4	120	4		
25	28	2	28	120	30	120	28	60	22	1	3	24	360	24		
26	26	1	12	240	12	180	12	180	—	0	1	12	60	12		
27	24	1	8	240	8	480	8	600	24	1	8	240	8	360		
28	6	1	10	60	10	60	—	0	6	1	28	60	—	0		
29	2	2	28	120	26	120	24	180	32	1	0	—	0	32		
30	22	1	28	60	—	0	20	—	0	20	0	30	60	30		
31																
Mai 1933.																
K. Tiismann.																
1	4	2	30	60	16	60	—	0	16	1	18	60	—	0		
2	2	2	18	60	—	0	20	60	—	0	24	120	—	0		
3	—	0	22	180	22	120	24	120	22	1	20	120	24	60		
4	28	4	32	180	4	240	4	240	22	3	8	60	12	60		
5	28	3	28	300	28	240	30	180	22	2	28	60	—	0		
6	26	1	20	420	18	240	18	120	—	0	28	180	32	180		
7	4	2	8	360	8	600	10	420	6	3	12	480	14	480		
8	6	5	12	180	12	420	18	60	6	6	6	660	6	600		
9	10	2	10	180	14	120	12	180	6	3	12	660	12	480		
10	—	0	4	60	8	120	12	120	24	1	22	240	22	300		
11	6	4	4	300	12	120	12	180	6	4	8	180	16	60		
12	6	4	8	180	—	0	—	0	6	5	8	600	12	480		
13	6	4	8	600	10	540	12	420	6	6	8	240	6	180		
14	6	2	8	660	10	540	6	240	6	2	14	240	14	120		
15	24	1	16	60	—	0	22	120	22	1	18	480	18	300		
16	—	0	10	180	12	180	12	120	—	0	12	180	16	120		
17	6	4	8	780	8	600	10	360	8	3	8	420	8	600		
18	8	2	8	120	8	60	—	0	6	4	4	600	4	540		
19	8	1	8	660	8	660	10	540	6	1	8	420	8	240		
20	18	1	20	120	—	0	—	0	24	1	28	60	22	60		
21	24	3	22	480	24	360	24	420	—	0	—	0	—	0		
22	28	4	32	240	32	360	2	360	30	3	12	240	8	300		
23	4	4	6	360	8	300	8	180	4	4	8	720	8	240		
24	2	3	12	360	12	240	14	240	4	2	6	600	2	600		
25	2	3	4	720	32	540	4	540	10	1	8	360	8	300		
26	6	4	—	0	14	180	16	240	4	3	10	540	8	300		
27	4	1	8	180	12	180	—	0	8	1	16	360	16	180		
28	4	1	8	300	8	240	8	180	20	1	10	540	8	300		
29	—	0	8	900	8	720	8	600	8	2	8	840	8	660		
30	—	0	24	60	24	120	24	120	24	1	20	420	20	240		
31	—	0	16	240	12	240	8	60	—	0	8	360	8	240		

Tulelaev „Tallinn“

Das Leuchtschiff „Tallinn“

	Tuul Wind 7h	Vool 7h Strom			Tuul Wind 13h	Vool 13h Strom			Tuul Wind 21h	Vool 21h Strom					
		0 m	10 m	20 m		0 m	10 m	20 m		0 m	10 m	20 m			
Juuni 1933.															
K. Tiismann.															
1	28	1	—	0	24	1	24	120	24	120	—	0			
2	32	4	12	600	16	32	1	14	240	14	300	28			
3	2	4	8	480	10	1	16	480	16	480	16	180			
4	2	2	16	420	16	1	18	360	18	240	20	180			
5	6	1	14	540	18	2	1	18	300	16	120	16			
6	2	1	10	120	6	1	14	360	16	120	16	120			
7	8	1	24	720	24	1	—	0	22	120	—	0			
8	8	1	18	60	20	4	1	18	240	22	240	20			
9	—	0	—	0	—	0	—	0	8	120	24	180			
10	—	0	28	60	28	0	—	0	20	60	20	120			
11	—	0	—	0	—	0	—	0	26	60	20	1			
12	2	2	8	540	12	6	2	16	360	16	300	8			
13	8	3	4	240	8	5	12	480	12	120	16	60			
14	6	1	—	0	—	6	1	6	240	8	180	6			
15	—	0	16	180	18	4	1	16	120	8	180	8			
16	—	0	10	300	8	6	1	6	120	6	120	6			
17	12	1	6	120	—	8	2	10	60	10	60	12			
18	10	2	10	600	10	8	4	8	960	10	600	12			
19	8	2	14	540	16	6	5	10	1200	10	480	10			
20	6	5	12	840	16	6	5	8	420	12	360	8			
21	6	5	10	840	14	6	4	12	660	14	480	16			
22	8	1	12	960	12	8	2	8	960	10	480	10			
23	—	0	12	1380	12	—	0	12	960	12	420	12			
24	6	5	8	840	8	6	2	12	540	16	240	—			
25	32	2	8	480	14	0	12	300	12	180	14	120			
26	20	1	14	360	12	1	8	1620	8	960	8	720			
27	—	0	8	1080	10	0	14	600	14	300	16	300			
28	24	1	14	600	12	2	14	540	12	480	12	480			
29	20	1	14	840	14	3	10	600	10	300	12	480			
30	20	2	14	840	12	3	10	540	12	360	8	360			
Juuli 1933.															
K. Tiismann, K. Börjer.															
1	24	1	12	720	12	2	8	360	12	180	14	120			
2	24	2	4	240	32	3	24	480	26	240	26	180			
3	24	2	24	360	26	2	8	480	8	420	6	240			
4	28	4	28	660	28	4	8	300	4	120	2	180			
5	32	3	8	360	8	1	20	840	20	420	22	300			
6	8	1	30	600	28	1	16	600	16	360	16	300			
7	—	0	24	480	24	1	12	420	12	240	—	0			
8	4	1	22	180	20	0	—	0	—	0	—	0			
9	32	1	8	120	8	0	20	660	20	540	22	360			
10	—	0	26	240	22	0	24	120	24	180	22	420			
11	24	2	24	360	24	1	30	300	28	180	26	180			
12	16	2	20	300	20	3	24	240	26	180	24	360			
13	18	1	20	240	—	0	2	8	420	12	360	—			
14	18	4	26	420	28	1	24	120	4	180	32	120			
15	24	6	24	1680	24	4	8	840	8	1020	8	540			
16	20	3	24	1200	24	1	24	300	24	480	24	420			
17	16	1	24	300	24	3	16	720	24	360	24	360			
18	16	6	24	900	28	5	16	1260	16	960	16	780			
19	14	5	24	1080	24	5	20	480	20	600	24	420			
20	20	3	24	1320	24	1	—	0	4	300	4	420			
21	26	2	24	720	24	1	24	1380	24	1560	24	1680			
22	26	1	24	360	24	1	24	1200	24	1080	24	900			
23	24	2	24	1080	24	3	24	1440	24	1680	24	1740			
24	12	1	24	1500	24	2	24	1260	24	1440	24	1620			
25	20	6	24	1620	24	7	24	780	24	780	24	660			
26	20	2	24	960	24	2	24	840	24	1080	24	1200			
27	28	4	28	420	28	1	24	660	24	840	24	960			
28	26	1	24	720	24	1	24	1020	24	1020	24	1260			
29	24	6	24	2700	24	7	24	1560	24	1740	24	1500			
30	24	4	24	780	24	4	24	1320	24	1200	24	960			
31	24	2	24	960	24	2	24	1380	24	1380	24	1440			

Tulelaev „Tallinn“

Das Leuchtschiff „Tallinn“

	Tuul Wind 7h	Vool 7h Strom			Tuul Wind 13h	Vool 13h Strom			Tuul Wind 21h	Vool 21h Strom															
		0 m	10 m	20 m		0 m	10 m	20 m		0 m	10 m	20 m													
August 1933.																									
K. Tiismann.																									
1	18	2	24	720	24	960	24	840	24	840	26	1	24	120	26	180	24	240							
2	8	1	18	180	20	240	20	180	6	2	14	300	16	360	16	360	—	0	18	840	18	660	20	600	
3	18	1	18	900	20	780	20	480	22	1	20	720	20	600	20	600	18	1	20	240	22	360	20	360	
4	—	0	24	960	24	840	24	780	10	2	20	60	20	720	18	480	28	3	24	480	22	960	24	600	
5	28	6	28	1320	26	1320	24	1080	26	5	24	1080	22	1200	22	840	28	4	32	120	8	300	8	120	
6	28	5	26	780	20	480	22	660	28	2	24	780	22	600	20	720	26	2	24	540	8	660	20	660	
7	24	2	24	780	22	600	22	420	18	3	18	1320	20	1080	20	720	20	3	20	720	20	840	20	1020	
8	24	4	22	720	24	600	22	600	24	3	22	1320	20	960	20	1260	22	2	18	420	18	600	18	600	
9	28	1	20	180	20	420	20	660	22	3	24	1320	24	1200	22	1140	22	5	20	660	20	420	22	420	
10	20	3	20	600	20	600	18	840	22	7	20	1320	22	1140	22	1140	24	7	22	660	24	1020	24	1140	
11	24	6	24	180	24	120	14	—	0	24	5	24	480	18	660	20	300	26	3	24	660	20	720	20	360
12	28	1	32	180	28	180	—	480	24	2	24	180	24	180	24	360	—	0	24	840	24	1080	24	840	
13	4	2	24	840	24	960	24	900	6	3	20	240	20	360	22	180	8	1	24	480	24	600	24	720	
14	8	2	24	240	24	300	26	480	8	1	14	360	18	120	—	0	8	2	28	360	30	600	26	300	
15	18	2	26	480	28	420	24	180	—	0	30	360	32	420	32	480	8	1	2	360	32	240	32	120	
16	16	1	32	240	32	480	30	540	12	1	—	0	2	600	30	240	8	1	2	180	32	480	32	240	
17	14	2	30	300	30	720	28	360	10	2	30	540	28	720	30	120	10	2	—	0	32	540	32	360	
18	24	2	28	1080	28	1020	28	420	22	3	28	600	28	600	28	360	24	4	28	1080	30	1080	28	960	
19	20	1	24	780	30	840	26	600	4	1	28	900	28	660	26	420	12	2	24	480	30	600	26	660	
20	16	1	20	600	22	720	20	660	6	1	20	120	24	540	24	180	24	2	22	360	22	360	20	240	
21	28	1	20	120	20	180	20	180	24	1	22	480	24	240	24	180	24	2	20	180	18	300	16	120	
22	28	1	14	300	16	240	16	240	24	1	24	60	—	0	12	60	22	1	—	0	—	0	8	60	
23	18	1	—	0	12	60	12	60	8	1	8	120	10	60	10	60	8	2	12	60	10	120	8	120	
24	6	4	8	180	4	360	2	600	6	7	8	1140	10	840	10	840	4	7	32	360	8	180	26	240	
25	28	7	4	660	4	300	8	240	4	7	4	160	4	360	—	0	2	6	8	960	8	840	8	1020	
26	2	5	2	720	4	600	6	600	32	4	4	720	6	720	6	740	2	4	4	720	4	480	6	600	
27	32	4	4	1140	6	420	6	840	32	2	4	600	6	600	8	480	32	2	6	720	8	840	8	660	
28	2	2	8	720	10	960	10	660	6	1	6	1020	6	600	6	600	12	1	8	360	6	600	4	600	
29	18	3	26	60	28	240	—	0	22	3	2	360	2	480	2	420	22	2	6	240	2	360	2	480	
30	22	3	30	60	32	180	28	480	22	3	28	360	4	300	4	600	22	2	12	180	12	540	14	420	
31	18	2	12	240	12	300	12	120	18	1	8	180	6	600	6	600	16	2	8	360	8	480	8	480	
September 1933.																									
K. Tiismann.																									
1	18	2	2	240	6	480	8	360	—	0	12	180	10	240	8	240	4	1	6	420	6	480	8	420	
2	4	4	4	720	4	240	8	180	2	4	4	480	6	480	4	240	2	5	4	600	4	840	4	600	
3	2	6	6	960	8	840	8	600	4	4	4	480	4	480	2	600	4	4	2	600	2	660	32	480	
4	4	3	4	600	4	780	8	600	4	3	4	1560	4	1380	6	600	6	1	4	660	2	1180	2	1020	
5	4	1	6	900	4	900	4	600	4	1	2	660	32	600	32	540	4	1	4	480	4	660	4	660	
6	4	4	10	840	8	600	8	420	4	4	4	180	4	240	6	240	4	5	12	240	8	360	8	600	
7	2	5	2	480	4	300	4	300	32	5	8	180	8	480	10	300	2	5	4	1140	6	660	8	660	
8	2	3	8	1560	8	1380	8	1200	2	1	6	1080	8	1440	8	1440	2	3	8	1500	8	1380	8	1140	
9	32	3	32	660	4	660	6	720	32	1	8	1080	8	960	8	720	24	2	10	900	8	1080	8	960	
10	24	3	8	480	8	600	8	420	26	3	4	660	6	960	6	780	26	4	28	120	4	720	6	120	
11	26	5	32	720	2	840	4	840	26	4	8	900	8	840	8	420	28	4	32	720	2	960	4	540	
12	26	3	4	360	4	300	6	480	26	3	2	480	4	660	4	540	26	2	10	480	8	780	8	360	
13	18	2	8	360	6	420	4	180	20	2	8	360	4	720	8	600	—	0	8	600	6	840	4	660	
14	2	2	4	840	2	660	2	600	2	4	2	1320	2	1200	32	960	2	4	32	1440	2	1200	2	480	
15	32	5	30	660	32	480	32	360	32	3	30	720	30	600	26	600	30	5	32	1380	30	1260	30	960	
16	30	5	2	1080	2	600	4	360	32	8	4	1080	6	720	6	960	32	7	8	420	8	480	8	360	
17	2	7	4	480	4	660	6	600	4	6	—	0	8	240	8	180	8	2	26	480	26	600	24	660	
18	10	1	4	300	4	300	4	360	6	1	2	180	32	120	32	240	8	2	16	300	18	120	—	0	
19	4	5	4	300	4	360	6	480	6	7	20	120	12	300	6	600	6	6	8	600	10	300	10	360	
20	6	5	4	360	4	120	—	0	6	5	8	660	8	660	10	480	6	5	8	720	12	480	6	360	
21	10	3	8	600	10	540	8	360	8	4	8	780	8	690	8	840	8	3	12	300	10	480	8	540	
22	12	3	8	420	8	360	10	180	8	3	6	300	12	180	12	120	10	2	10	180	12	240	12	300	
23	12	4	4	900	8	960	12	540	16	1	16	300	18	480	—	0	12	2	10	1200	10	1080	8	1020	
24	14	1	10	1980	10	1680	10	1380	10	1	8	1560	10	1080	10	720	12	1	12	360	10	300	8	180	
25	12	1	12	360	12	420	12	300	12	1	12	1020	12	960	12	780	—	0	10	1560	10	1440	10	1260	
26	12	1	12	360	12	360	16	240	—	0	12	840	12	960	10	1020	—	0	8	1080	8	840	8	720	
27	6	1	14	300	16	360	16	540	8	1	12	720	12	720	12	540	8	1	14	960	12	780	12	540	
28	8	2	12	600	12	420	12	180	8	2	12	180	8	240	12	480	8	2	12	360	12	600	12	180	
29	12	2	10	240	8	240	10	300	12	1	8	60	8	120	—	0	18	1	14	240	12	300	12	240	
30	20	3	20	600	20	780	30	660	20	5	22	480	20	240	20	180	22	1	14	120	—	0	—	0	

Tulelaev „Tallinn“

Das Leuchtschiff „Tallinn“

	Tuul 7h			Vool 7h Strom			Tuul 13h	Vool 13h Strom			Tuul 21h	Vool 21h Strom													
	Wind	0 m	10 m	20 m	Wind	0 m	10 m	20 m	Wind	0 m	10 m	20 m	Wind	0 m	10 m	20 m									
Oktoober 1933.																									
K. Tiismann																									
1	30	1	20	180	20	120	22	120	—	0	18	120	14	240	12	180	14	1	14	180	12	300	12	480	
2	20	3	—	0	12	120	8	300	22	1	20	180	16	300	14	360	32	1	—	0	12	120	—	0	
3	32	6	8	360	20	360	22	480	32	5	28	780	26	480	24	300	32	6	32	360	8	420	32	120	
4	30	3	28	240	8	480	8	180	18	2	18	420	20	360	20	120	16	4	16	480	18	300	24	360	
5	30	4	6	360	6	420	4	480	2	2	6	360	32	120	28	120	4	3	4	120	32	300	—	0	
6	32	5	2	600	2	660	2	300	30	4	32	420	8	300	8	360	30	3	24	240	24	480	22	360	
7	18	4	22	480	20	600	18	360	20	6	20	420	24	540	28	360	24	5	28	480	32	120	30	60	
8	26	4	28	360	26	240	26	360	28	4	32	180	2	180	—	0	28	3	30	300	28	180	22	120	
9	2	1	—	0	10	240	26	180	6	4	16	240	16	480	18	180	8	4	12	600	16	600	26	120	
10	12	4	18	600	16	360	20	420	12	6	12	300	12	240	—	0	16	5	12	480	24	240	26	360	
11	20	7	20	300	20	120	24	120	20	7	12	360	12	180	14	360	18	4	20	420	18	480	14	360	
12	20	8	20	960	22	1020	24	1200	22	10	22	1860	22	1620	24	1440	22	7	4	1320	6	1560	10	1680	
13	24	3	24	1500	24	1380	22	1560	24	5	24	1440	22	1080	24	1500	24	4	26	600	22	540	24	130	
14	22	3	28	360	28	180	28	240	22	5	24	60	32	300	6	180	24	4	30	360	28	420	28	480	
15	18	4	22	360	26	240	16	120	16	3	12	240	16	120	—	0	16	1	12	120	14	180	—	0	
16	8	2	10	240	8	120	8	60	8	4	8	480	8	420	8	300	8	3	14	240	16	300	16	240	
17	16	1	16	180	16	240	16	240	20	3	22	420	20	300	20	360	22	3	18	360	20	360	20	420	
18	—	0	20	360	18	420	20	420	12	1	12	420	12	360	12	300	10	1	10	420	12	360	12	480	
19	8	1	8	240	8	180	8	180	6	3	8	420	10	420	16	300	6	3	8	180	—	0	—	0	
20	6	5	8	480	12	240	12	180	8	5	20	120	20	480	20	600	8	4	—	0	22	120	22	420	
21	8	1	12	120	14	180	16	240	8	3	14	180	16	240	16	120	8	1	22	120	24	240	24	240	
22	14	1	20	120	20	180	20	180	—	0	0	24	180	24	240	24	120	—	0	22	240	22	360	22	240
23	16	1	22	120	24	240	24	240	20	2	22	600	24	420	24	420	18	1	22	360	24	480	24	840	
24	16	4	24	600	28	300	28	360	20	2	28	180	28	240	26	240	20	2	24	480	26	420	26	300	
25	16	3	24	600	24	480	24	240	16	3	18	240	16	120	—	0	12	2	6	360	—	0	—	0	
26	8	2	12	360	12	300	12	300	10	3	10	240	12	360	12	360	8	4	8	360	8	180	10	240	
27	8	2	8	240	8	120	—	0	12	2	10	300	6	180	—	0	10	2	16	120	—	0	24	120	
28	8	4	—	0	8	120	10	180	10	3	16	120	—	0	20	240	18	1	—	0	24	60	24	60	
29	20	1	20	120	18	120	16	60	16	1	14	180	12	240	12	240	14	1	12	120	—	0	—	0	
30	8	5	10	360	14	240	—	0	10	4	20	1740	24	1680	24	1620	18	5	20	1740	22	2040	22	1960	
31	16	8	8	1800	8	1920	8	1920	16	6	20	1320	20	1620	22	1500	18	7	24	1680	24	1620	24	1440	
November 1933.																									
K. Tiismann																									
1	16	1	14	1500	12	1260	12	1140	16	3	8	360	8	300	—	0	14	3	8	240	6	300	2	240	
2	8	3	24	120	24	180	24	300	6	5	20	60	24	480	22	240	2	2	24	300	24	960	24	900	
3	12	4	16	720	16	120	20	360	12	4	12	180	—	0	—	0	10	4	24	360	24	480	24	240	
4	4	2	8	660	8	360	6	480	6	1	—	0	14	120	12	120	32	1	—	0	8	120	8	60	
5	22	1	22	180	24	240	24	120	24	5	24	780	26	780	24	720	22	6	24	480	24	660	22	180	
6	28	3	12	120	—	0	12	60	28	2	6	180	8	540	8	360	28	5	28	600	26	360	32	240	
7	28	2	—	0	—	0	—	0	32	3	2	480	2	360	32	180	32	2	28	600	26	540	28	720	
8	28	6	28	600	28	360	28	300	30	6	32	300	6	360	6	300	30	5	32	120	6	480	—	0	
9	30	1	—	0	—	0	30	120	16	1	16	300	20	180	8	300	14	3	16	480	18	300	20	480	
10	22	5	22	600	22	420	24	240	22	4	22	480	24	720	24	780	22	5	20	600	24	600	28	600	
11	20	3	24	600	24	300	24	240	20	3	20	180	22	360	24	180	20	3	20	360	24	540	24	660	
12	6	5	—	0	12	240	32	120	6	5	—	0	20	120	10	120	6	4	16	480	20	240	20	180	
13	10	3	14	360	—	0	—	0	8	4	10	480	12	240	12	180	8	4	8	120	16	660	14	360	
14	10	3	8	360	8	360	10	420	8	3	10	240	10	360	12	120	10	3	8	540	8	660	6	480	
15	10	5	12	720	8	480	10	720	8	6	6	600	12	480	8	420	8	6	14	600	14	480	12	120	
16	8	7	6	720	10	300	—	0	6	7	8	720	10	360	10	240	6	7	12	480	—	0	20	120	
17	2	3	8	360	8	300	10	180	2	4	20	60	—	0	20	120	2	4	—	0	14	120	14	540	
18	4	2	14	60	12	60	—	0	4	2	20	300	20	360	18	360	8	1	16	300	22	120	22	180	
19	14	1	16	60	14	120	14	240	18	1	8	60	8	120	—	0	—	0	—	0	—	0	14	60	
20	18	1	8	120	6	60	—	0	22	1	30	120	28	120	24	180	24	1	—	0	24	120	22	120	
21	—	0	—	0	—	0	—	0	20	2	22	240	22	120	20	180	20	1	28	240	26	120	26	180	
22	20	3	24	240	24	240	22	180	22	4	28	480	—	0	32	240	24	4	24	180	24	180	—	0	
23	22	5	24	300	22	180	—	0	20	4	20	360	22	360	24	180	20	4	22	360	18	120	18	120	
24	16	1	16	420	16	300	18	240	10	2	10	540	8	540	12	300	8	4	8	540	8	600	8	780	
25	4	6	2	540	4	420	32	240	4	5	8	600	6	420	4	300	4	5	6	660	8	300	4	180	
26	30	1	32	360	28	300	28	300	24	1	22	420	24	300	28	540	24	3	22	600	22	480	24	360	
27	32	1	—	0	16	180	14	120	6	2	8	120	10	240	—	0	6	2	4	720	12	540	20	180	
28	8	3	8	300	8	360	10	240	10	1	—	0	12	240	16	180	10	1	18	240	18	360	14	300	
29	24	1	20	120	20	240	16	540	20	3	24	600	22	420	22	240	20	4	22	540	20	480	20	240	
30	24	4	26	240	4	120	2	120	24	4	—	0	30	240	30	120	26	3	24	420	24	240	28	360	

Tulelaev „Tallinn“

Das Leuchtschiff „Tallinn“

	Tuul Wind			Vool 7h Strom			Tuul Wind	Vool 13h Strom			Tuul Wind	Vool 21h Strom		
	7h			0 m	10 m	20 m	13h	0 m	10 m	20 m	21h	0 m	10 m	20 m
Detsember 1933.														
K. Tiismann.														
1	4	3	4	420	6	240	6	480	4	3	20	360	20	660
2	4	2	4	60	6	180	—	0	2	1	—	0	18	180
3	26	4	30	720	24	240	28	660	26	4	24	540	24	540
4	24	6	22	780	24	660	24	660	26	8	26	1020	24	660
5	28	4	6	300	6	240	8	300	28	4	28	300	28	540
6	4	6	6	1200	6	1080	4	960	2	6	14	120	12	300
7	4	5	—	0	6	180	4	180	4	3	6	240	8	300
8	24	7	22	1320	24	1140	24	1080	26	7	24	420	32	600
9	2	3	4	600	8	540	12	180	28	1	22	1080	22	1320
10	24	6	30	420	28	120	4	300	24	6	26	360	28	360
11	2	5	18	300	6	660	6	960	32	6	2	300	32	120
12	2	2	32	360	2	120	—	0	30	1	—	0	32	60
13	30	2	—	0	8	180	8	300	24	3	24	1020	28	900
14	22	8	22	840	24	300	28	240	20	8	16	300	8	420
15	6	6	2	240	4	120	16	60	6	4	20	540	20	840
16	18	3	20	240	8	120	—	0	18	5	22	540	20	600
17	20	3	6	780	8	1200	8	1020	26	2	4	300	8	660
18	24	2	32	300	6	360	2	540	20	4	20	480	20	420
19	26	4	4	720	4	960	4	1260	24	3	8	360	8	900
20	32	6	2	720	2	660	4	540	32	5	4	1320	4	960
21	6	2	8	480	8	600	8	600	6	1	16	360	12	300
22	18	3	18	360	26	480	—	0	18	4	22	480	20	300
23	24	3	8	60	—	0	32	120	24	2	12	300	10	360
24	24	3	24	1080	26	720	26	720	28	5	28	720	24	600
25	26	3	24	840	24	540	24	420	2	4	28	600	24	540
26	6	4	28	300	28	420	24	900	6	2	4	600	32	480
27	18	2	20	360	24	600	22	780	16	3	20	600	22	300
28	10	3	12	540	16	600	16	360	10	3	—	0	20	480
29	8	6	8	840	10	660	10	600	8	6	20	660	22	900
30	10	6	18	420	22	480	22	480	12	5	22	240	20	480
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jaanuär 1934.														
K. Tiismann.														
1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	18	5	—	0	14	300	16	240	18	4	24	300	24	240
7	18	6	18	960	16	480	—	0	18	6	24	120	18	240
8	18	5	20	840	20	720	20	540	20	7	20	840	22	840
9	22	4	24	600	24	600	26	420	20	2	20	1140	20	1200
10	30	1	4	120	8	360	8	180	24	1	24	960	24	900
11	18	3	22	360	12	480	—	0	18	4	24	240	—	0
12	16	4	16	600	20	420	20	300	18	3	20	480	20	660
13	16	4	22	240	24	480	24	360	14	4	16	300	20	540
14	14	5	16	660	18	240	18	360	14	5	22	720	20	600
15	12	3	16	240	12	420	18	180	12	4	12	300	20	540
16	14	4	14	540	18	600	16	480	14	3	20	480	22	480
17	16	2	16	600	16	480	16	360	16	2	18	660	20	600
18	16	4	16	660	20	540	16	720	16	5	20	480	20	600
19	16	3	—	0	24	120	—	0	16	3	18	300	24	300
20	24	4	22	120	—	0	—	0	24	5	—	0	6	120
21	28	3	8	240	8	360	8	300	24	3	24	780	24	540
22	24	5	6	300	8	1320	8	1260	24	4	24	480	24	480
23	26	6	18	660	20	600	24	180	22	7	22	300	—	0
24	22	3	20	420	8	180	10	240	22	3	28	600	6	60
25	22	4	16	120	16	120	18	300	22	3	22	240	28	360
26	24	3	26	300	18	180	24	180	22	3	22	480	20	360
27	18	4	20	960	20	540	24	480	18	3	18	720	20	840
28	22	3	26	600	22	600	20	480	24	3	24	60	24	120
29	22	1	16	420	18	240	20	240	18	2	20	1080	20	720
30	20	4	22	480	24	480	18	180	20	5	20	1200	24	960
31	30	4	14	240	12	720	16	120	30	2	6	240	6	300

Tulelaev „Tallinn“

Das Leuchtschiff „Tallinn“

	Tuul Wind 7h	Vool 7h Strom			Tuul Wind 13h	Vool 13h Strom			Tuul Wind 21h	Vool 21h Strom															
		0 m	10 m	20 m		0 m	10 m	20 m		0 m	10 m	20 m													
Juuni 1934.																									
K. Tiismann.																									
1	26	2	10	210	8	300	8	150	22	3	20	1110	20	900	20	720	24	4	28	300	4	210	2	330	
2	26	1	24	210	24	390	24	450	24	2	24	450	24	330	24	120	24	1	24	150	20	60	20	180	
3	24	2	24	270	24	150	24	210	24	2	24	600	24	360	24	330	—	0	26	150	26	90	26	120	
4	32	1	28	120	26	270	24	210	—	0	20	210	20	240	20	240	6	1	10	150	—	0	16	90	
5	6	3	8	420	12	300	12	240	6	1	12	150	14	60	12	30	6	1	8	90	—	0	—	0	
6	6	4	14	270	16	120	20	30	6	5	12	300	14	300	14	120	4	1	28	120	28	210	22	180	
7	6	2	18	180	16	90	20	90	6	3	8	180	8	30	—	0	4	1	—	0	22	180	24	120	
8	—	0	16	210	20	240	16	120	24	1	22	480	24	270	24	240	24	3	24	180	24	150	24	60	
9	4	4	6	270	12	180	8	120	8	3	16	150	16	300	16	180	24	1	28	480	28	260	24	180	
10	20	2	22	630	24	570	22	360	24	2	28	420	28	480	28	360	28	1	16	150	16	90	—	0	
11	4	3	8	690	8	510	12	360	10	1	20	270	24	240	20	240	24	2	32	300	4	150	—	0	
12	30	1	26	180	28	150	28	120	22	3	24	450	22	210	24	330	22	6	28	480	28	780	28	330	
13	28	2	26	180	24	210	—	0	24	3	26	210	24	180	24	210	24	5	28	450	28	420	28	150	
14	8	1	20	60	20	60	10	270	6	4	6	450	8	420	8	120	4	5	12	180	18	120	18	120	
15	2	3	4	240	8	120	—	0	32	1	22	60	24	360	22	300	32	1	4	390	6	360	4	150	
16	32	1	32	120	4	120	32	150	22	2	24	300	24	180	24	150	24	2	24	90	2	300	2	240	
17	20	2	24	600	24	540	24	450	24	3	32	180	4	150	28	120	22	3	24	330	24	300	24	120	
18	16	1	14	420	16	210	18	60	22	3	22	630	24	600	24	480	22	2	6	120	4	240	28	60	
19	26	2	32	180	32	180	28	210	22	3	22	180	24	150	24	240	24	2	8	90	2	180	30	240	
20	—	0	24	360	24	330	24	300	6	2	8	660	6	480	8	360	—	0	26	600	26	480	24	330	
21	18	1	16	390	16	300	16	60	20	1	28	450	28	480	26	300	20	1	18	330	18	360	20	180	
22	20	3	10	90	6	240	—	0	22	3	24	480	24	330	24	270	22	2	2	180	4	240	4	90	
23	12	1	24	240	24	210	24	90	8	2	8	240	8	330	12	120	4	3	4	420	4	330	6	210	
24	30	3	32	300	30	300	24	510	24	1	32	60	—	0	30	90	30	2	30	540	32	300	32	90	
25	28	3	4	180	30	60	2	180	24	3	24	390	24	360	24	300	26	4	2	210	32	210	32	180	
26	24	1	24	240	24	270	24	330	24	2	24	90	26	120	24	120	24	2	24	300	24	180	24	120	
27	26	1	24	60	24	120	22	1	24	1	24	30	32	90	28	180	26	1	32	60	24	60	26	60	
28	—	0	20	60	—	0	22	180	8	1	8	30	24	30	24	60	—	0	20	120	12	120	10	90	
29	—	0	8	120	—	0	30	20	60	24	1	22	300	20	360	20	360	26	1	10	330	10	150	10	240
30	20	1	26	180	24	210	24	210	22	1	22	360	20	450	20	420	12	1	6	180	14	210	—	0	
Juuli 1934.																									
K. Tiismann.																									
1	20	1	24	420	24	390	22	450	22	1	24	90	24	330	24	420	22	3	28	480	28	210	28	330	
2	28	4	28	180	24	180	24	150	—	—	—	—	—	—	—	—	24	3	32	450	—	0	32	450	
3	14	2	24	540	24	330	24	180	14	1	24	150	24	180	24	450	—	0	—	0	24	150	—	0	
4	—	0	4	60	—	0	28	60	8	1	32	210	20	150	20	90	30	1	28	360	24	150	24	450	
5	22	1	24	600	24	450	24	600	—	0	28	150	20	240	20	210	28	1	28	360	28	360	28	360	
6	6	4	12	750	12	900	12	900	4	3	24	60	28	90	—	0	6	2	20	450	20	300	20	150	
7	4	1	24	450	24	450	24	240	4	1	8	450	8	300	8	150	6	1	—	0	4	150	20	300	
8	4	4	12	150	—	0	—	0	4	4	28	450	12	600	20	300	6	2	—	0	28	270	—	0	
9	6	1	16	360	16	240	16	90	6	2	16	600	32	750	32	600	32	1	24	750	28	600	32	300	
10	28	3	6	510	4	180	—	0	24	2	24	180	24	120	24	120	20	1	8	210	8	300	8	240	
11	28	4	4	600	4	450	28	300	24	3	24	60	24	150	24	150	24	2	12	300	12	450	12	450	
12	30	1	32	150	—	0	—	0	22	0	22	1	8	300	8	300	2	1	4	360	4	300	4	300	
13	12	2	24	300	12	150	8	90	6	1	28	240	12	450	20	210	8	2	—	0	—	0	—	0	
14	8	2	12	300	12	360	12	450	4	1	12	240	24	450	12	150	4	1	12	630	10	180	—	0	
15	—	0	4	360	4	180	4	120	—	0	24	630	24	450	24	450	—	0	4	900	4	600	4	600	
16	2	1	32	240	28	450	32	600	30	1	12	150	—	0	—	0	30	1	32	240	32	270	32	300	
17	28	1	24	240	24	240	24	210	28	1	24	270	24	180	24	210	32	1	12	300	—	0	—	0	
18	4	1	4	750	4	300	4	240	4	1	16	900	16	300	—	0	32	1	32	750	4	270	—	0	
19	28	1	32	120	32	180	32	270	8	6	8	2100	8	720	12	300	8	5	32	510	32	750	32	360	
20	14	4	24	600	28	750	28	450	8	5	4	660	4	330	4	360	12	3	16	600	16	1080	16	900	
21	8	1	12	180	—	0	24	810	2	1	32	600	32	720	32	600	8	1	—	0	32	150	24	300	
22	16	1	4	150	4	90	4	60	—	0	24	750	28	450	28	300	—	0	—	0	32	150	24	330	
23	—	0	32	300	32	450	28	450	—	0	8	60	8	60	32	90	—	4	1	8	240	8	270	8	300
24	10	1	24	150	24	180	24	420	4	1	6	180	6	240	8	60	4	1	4	210	4	270	4	180	
25	6	1	12	120	24	150	24	270	6	1	24	240	24	180	24	120	4	1	8	300	6	330	6	420	
26	8	1	8	60	20	60	20	90	—	0	24	240	24	150	24	120	20	1	14	120	12	120	12	90	
27	16	1	12	30	12	240	14	210	—	0	24	240	24	210	24	180	8	1	12	840	16	450	14	300	
28	12	1	4	420	8	120	10	60	—	0	20	600	16	450	24	420	12	1	8	390	8	300	8	300	
29	12	1	—	0	10	240	8	180	12	1	12	300	12	330	16	390	10	1	16	60	16	90	16	60	
30	12	1	12	390	12	300	12	270	—	0	6	240	8	270	12	270	22	1	16	210	14	240	—	0	
31	2	2	8	1200	8	690	8	690	8	4	12	480	12	330	14	120	6	4	12	600	14	420	14	300	

Tulelaev „Tallinn“

Das Leuchtschiff „Tallinn“

	Tuul Wind			Vool 7h Strom			Tuul Wind	Vool 13h Strom			Tuul Wind	Vool 21h Strom		
	7h			0 m	10 m	20 m	13h	0 m	10 m	20 m	21h	0 m	10 m	20 m
August 1934.														
K. Tiismann.														
1	4	2	4	330	4	210	4	180	4	1	8	420	8	330
2	4	1	28	480	28	360	28	300	4	1	4	600	4	480
3	8	1	4	150	6	240	6	210	4	1	4	420	4	360
4	6	1	8	870	8	570	12	540	8	2	16	420	16	600
5	8	3	18	870	20	900	20	990	8	3	12	600	16	480
6	6	1	20	300	20	270	22	480	4	1	2	180	4	60
7	—	0	4	360	4	150	6	60	—	0	4	240	4	180
8	—	0	2	90	30	270	30	180	24	1	26	150	32	120
9	22	2	24	330	24	60	22	120	20	2	28	600	20	120
10	20	2	20	390	22	270	22	270	22	3	4	480	4	150
11	22	2	28	90	4	30	—	0	16	3	2	300	2	300
12	18	3	24	480	24	360	24	270	22	3	4	360	10	600
13	20	4	16	240	20	120	14	300	22	4	32	300	10	450
14	18	3	20	300	20	270	16	240	22	3	24	210	16	120
15	22	3	24	240	28	210	28	120	22	1	20	150	8	120
16	18	1	20	510	20	360	20	210	—	0	20	60	8	30
17	18	3	—	0	—	0	28	120	22	4	24	630	20	480
18	24	7	24	840	28	750	26	570	24	7	20	1080	22	360
19	24	2	26	690	26	600	22	450	24	1	20	1020	20	900
20	2	2	22	1320	20	1620	20	1560	24	1	22	930	22	1200
21	14	1	16	810	18	660	18	300	14	2	16	540	18	210
22	2	2	2	630	32	570	32	450	28	1	28	240	28	450
23	18	2	24	300	22	240	16	330	16	1	24	300	26	360
24	12	3	22	270	22	360	22	270	30	1	18	210	20	120
25	26	5	24	660	26	510	26	300	24	5	24	480	20	330
26	24	1	24	150	24	240	24	360	24	1	24	360	22	480
27	24	1	24	600	24	390	20	480	24	1	24	300	24	390
28	4	2	—	0	26	330	24	240	4	2	20	270	20	300
29	10	3	24	540	24	690	24	480	6	5	—	0	4	210
30	10	4	28	480	26	600	26	180	8	5	11	240	18	330
31	8	6	—	—	22	480	22	450	8	6	—	—	12	210
September 1934.														
K. Tiismann.														
1	8	1	8	120	24	60	24	90	8	4	12	180	10	60
2	8	5	22	720	24	1080	22	1080	10	1	1	28	90	24
3	4	1	4	390	6	570	20	1020	6	1	4	240	4	270
4	12	1	26	60	28	60	—	0	8	1	—	0	—	0
5	16	1	26	210	26	360	28	150	8	1	2	270	32	180
6	10	1	—	0	30	90	28	90	8	1	32	210	32	360
7	8	2	24	60	28	180	28	240	6	2	28	90	26	120
8	2	1	26	120	26	150	24	210	4	1	16	60	—	0
9	12	1	32	270	30	90	30	60	4	1	32	120	32	150
10	14	1	—	0	—	0	12	60	12	1	12	90	10	120
11	14	1	12	300	12	270	12	150	—	0	12	360	12	270
12	20	1	12	1020	12	840	12	690	20	3	16	540	16	540
13	30	4	8	690	8	480	8	420	28	3	12	600	10	480
14	32	3	10	240	10	330	10	390	32	1	4	720	6	600
15	28	1	16	60	20	60	20	90	26	2	32	240	8	120
16	—	0	24	60	24	60	24	90	24	1	12	660	12	300
17	18	1	18	600	16	300	16	360	—	0	12	90	12	210
18	18	2	16	120	16	210	16	360	18	1	12	30	10	180
19	20	3	20	330	20	270	20	270	—	0	10	120	10	90
20	16	4	16	420	16	330	16	480	16	3	—	0	22	60
21	16	5	14	480	18	360	18	180	16	2	18	120	16	90
22	14	3	12	240	12	210	10	120	16	2	16	690	16	540
23	—	0	16	300	16	90	16	60	20	1	24	60	—	0
24	12	4	20	390	12	270	10	240	14	4	24	600	24	780
25	20	6	24	420	28	360	28	300	20	5	24	600	24	510
26	4	3	—	0	24	120	24	150	30	2	32	60	24	90
27	20	2	20	480	24	540	24	360	20	4	20	750	20	960
28	24	6	24	1740	24	1680	24	1560	26	7	26	840	30	720
29	30	4	30	360	28	120	24	660	32	2	28	750	28	1050
30	6	1	30	540	28	600	28	630	14	2	26	210	28	300

Tulelaev „Tallinn“

Das Leuchtschiff „Tallinn“

	Tuul Wind 7h	Vool 7h Strom			Tuul Wind 13h	Vool 13h Strom			Tuul Wind 21h	Vool 21h Strom					
		0 m	10 m	20 m		0 m	10 m	20 m		0 m	10 m	20 m			
Oktoober 1934.															
K. Tiismann.															
1	16	3	24	480	26	720	28	840	18	3	24	960			
2	22	4	24	840	24	840	24	960	22	3	24	600			
3	26	1	26	600	26	720	26	720	8	1	26	600			
4	26	7	32	960	2	780	2	750	24	2	18	750			
5	10	6	26	540	26	420	26	480	8	6	26	360			
6	12	3	20	1380	22	1500	22	1260	16	2	20	780			
7	30	1	26	540	24	780	20	840	22	1	22	960			
8	18	5	22	660	22	660	20	510	20	6	20	960			
9	18	4	28	300	28	300	24	240	18	3	24	240			
10	16	2	22	90	—	0	—	0	16	3	16	360			
11	18	6	20	300	20	360	20	240	22	5	28	660			
12	24	1	24	1260	24	1230	28	2	26	540	26	600			
13	2	2	28	420	28	480	26	570	32	2	24	1050			
14	28	3	26	1020	26	960	24	840	28	2	28	360			
15	6	3	26	720	26	840	24	1080	6	5	32	270			
16	4	6	20	480	22	540	22	390	4	4	24	300			
17	6	1	28	30	16	120	—	0	12	1	20	120			
18	16	1	20	600	20	480	22	600	24	2	26	540			
19	18	7	20	450	22	1020	20	870	18	7	16	780			
20	24	4	24	1260	24	1170	24	990	24	4	24	780			
21	20	5	20	840	22	960	22	930	24	5	22	540			
22	22	3	22	510	24	540	20	600	20	3	20	780			
23	20	2	20	390	22	540	24	630	18	3	18	780			
24	18	4	20	360	14	300	18	300	18	5	20	630			
25	18	4	22	420	10	300	10	240	18	4	22	450			
26	32	5	8	600	6	480	4	390	4	1	20	360			
27	16	4	16	270	16	120	18	300	18	3	20	420			
28	18	7	18	510	18	450	24	540	20	7	24	600			
29	22	6	22	720	24	780	24	870	20	5	22	600			
30	20	4	22	600	22	540	20	360	18	4	22	900			
31	22	2	22	360	28	90	28	240	18	3	24	840			
November 1934.															
K. Tiismann.															
1	12	5	12	480	14	540	20	600	20	8	20	1800			
2	18	1	20	180	16	180	—	0	—	0	22	630			
3	22	4	22	720	24	840	24	720	18	4	18	660			
4	24	3	24	570	24	810	24	690	24	4	24	480			
5	18	3	20	390	20	450	18	360	18	4	22	1020			
6	16	5	16	720	16	540	16	450	16	3	20	300			
7	14	3	14	360	12	300	12	210	—	0	10	150			
8	16	3	24	270	24	450	24	600	16	3	16	360			
9	16	3	16	450	16	330	12	420	16	2	22	270			
10	14	5	16	690	16	630	16	540	18	3	16	270			
11	28	1	4	360	6	450	8	420	4	1	4	300			
12	4	4	8	600	8	540	8	390	6	6	8	600			
13	8	6	16	720	16	840	18	540	12	5	20	540			
14	10	5	22	420	22	600	22	720	12	4	16	540			
15	24	6	24	960	24	1020	24	1110	24	4	32	540			
16	18	1	24	600	24	540	24	450	8	1	4	300			
17	8	5	16	390	16	330	18	480	10	4	26	300			
18	24	1	24	300	22	360	22	360	28	3	26	900			
19	32	2	2	690	4	660	4	510	2	1	2	300			
20	32	1	6	240	8	120	—	0	32	1	32	300			
21	—	0	4	30	8	120	8	60	—	0	—	0			
22	14	1	20	120	—	0	—	0	16	3	20	210			
23	28	3	26	210	24	60	—	0	2	6	2	780			
24	28	7	26	1020	26	750	24	300	30	8	32	960			
25	2	3	32	30	24	330	24	240	6	1	24	180			
26	16	4	22	420	16	240	16	60	16	5	20	840			
27	14	4	16	330	16	390	14	300	26	4	28	360			
28	24	7	22	1200	26	1080	26	1320	24	9	32	1050			
29	26	8	22	780	26	600	28	480	26	8	30	480			
30	26	8	28	720	28	570	30	270	28	8	28	1080			

Tulelaev „Tallinn“

Das Leuchtschiff „Tallinn“

	Tuul Wind		Vool 7h Strom			Tuul Wind	Vool 13h Strom			Tuul Wind	Vool 21h Strom													
	7h		0 m	10 m	20 m		13h				21h	0 m	10 m	20 m										
Detsember 1934.																								
K. Tiismann.																								
1	28	6	28	780	28	450	30	390	28	7	2	720	32	480	32	600	28	5	30	360	28	210	28	300
2	2	1	32	180	2	120	2	120	4	1	4	300	32	180	32	210	8	1	—	0	4	60	—	0
3	14	2	14	390	16	330	16	210	12	2	—	0	24	180	28	120	12	1	20	120	20	120	24	180
4	12	2	14	120	16	180	20	300	12	3	14	90	—	0	—	0	12	2	16	390	18	270	20	210
5	12	4	16	480	16	300	20	240	12	4	16	240	16	120	16	90	12	4	20	240	20	420	22	360
6	14	5	16	270	16	390	18	480	14	4	20	540	20	660	24	600	14	3	20	360	24	600	24	660
7	16	3	16	180	—	0	—	0	18	3	18	150	20	180	24	540	20	2	24	330	24	480	24	540
8	20	3	20	60	—	0	28	120	20	3	24	210	24	210	24	240	20	2	22	360	26	240	24	360
9	18	2	20	120	22	90	24	90	18	2	18	120	16	360	16	540	18	3	18	240	20	420	24	660
10	18	3	8	120	6	120	10	300	18	2	18	180	—	0	20	180	18	2	12	210	10	240	8	270
11	16	2	6	150	18	60	8	60	16	2	16	90	16	120	12	300	16	2	16	120	16	120	18	180
12	16	3	16	420	16	510	16	540	16	3	20	540	20	360	16	540	16	3	20	420	16	580	16	210
13	14	5	18	720	16	540	12	240	14	4	16	360	20	420	20	660	14	3	20	690	20	720	20	720
14	14	2	14	210	12	180	10	240	16	2	10	300	8	270	8	240	16	2	24	240	24	180	24	60
15	12	2	8	240	8	330	8	390	12	2	—	0	—	0	28	30	12	2	14	60	—	0	6	60
16	10	1	—	0	2	60	—	0	8	3	4	240	4	60	10	120	8	2	4	420	8	240	20	60
17	8	2	12	330	4	210	6	390	8	3	4	270	6	330	8	150	8	3	12	540	12	240	24	60
18	12	3	20	210	20	330	20	480	14	3	16	600	20	840	20	660	14	2	18	630	20	780	20	750
19	16	3	20	1050	22	600	20	360	16	2	24	240	24	330	22	420	16	2	20	180	24	420	24	450
20	16	2	10	300	8	330	8	270	16	2	20	360	20	270	20	540	16	2	24	330	24	390	24	510
21	18	1	18	300	20	300	20	240	18	1	18	420	18	600	20	630	18	1	20	570	22	480	22	360
22	18	1	20	210	20	270	20	180	20	1	20	390	20	390	20	300	18	1	20	420	20	390	20	330
23	4	4	4	600	6	540	6	540	4	4	8	240	20	60	20	180	4	5	30	540	24	420	24	360
24	6	5	8	600	8	420	8	270	10	4	18	420	20	660	20	840	8	4	20	690	20	1200	24	1080
25	10	1	18	180	20	300	20	240	20	1	20	540	20	570	20	720	16	1	18	600	20	480	20	540
26	4	1	24	420	24	450	24	390	16	1	18	510	20	540	20	690	16	1	16	690	16	570	16	480
27	10	2	20	300	24	420	24	480	12	1	24	240	22	480	22	420	12	2	20	420	20	480	20	660
28	16	1	20	240	20	330	20	270	14	1	18	240	22	300	22	450	16	1	16	270	20	480	20	600
29	16	2	16	480	16	450	16	390	20	2	22	300	24	600	24	540	20	2	20	630	20	570	22	690
30	16	2	20	240	20	330	20	390	16	2	20	240	24	300	24	330	16	3	—	0	16	60	16	90
31	16	3	18	480	20	480	20	390	16	3	16	150	18	210	18	330	16	3	18	570	16	480	16	420

Tulelaev „Hiiumadal“

Das Leuchtschiff „Hiiumadal“

	Tuul Wind 7 h	Vool 7 h Strom			Tuul Wind 13 h	Vool 13 h Strom			Tuul Wind 21 h	Vool 21 h Strom		
		0 m	10 m	20 m		0 m	10 m	20 m		0 m	10 m	20 m
Jaanuar 1929.												
1	10	2	—	0	120	24	200	8	1	—	0	0
2	2	6	360	6	400	6	320	32	3	—	0	0
3	26	1	16	120	16	160	16	160	22	3	16	240
4	24	3	24	300	24	240	24	200	24	3	20	480
5	4	1	16	160	16	160	16	200	8	1	16	320
6	18	1	12	160	12	40	—	0	20	2	—	0
7	24	2	24	120	20	160	20	200	24	2	20	80
8	4	2	12	320	12	80	—	0	6	1	16	160
9	22	3	20	400	20	480	20	560	22	4	20	480
10	26	3	12	120	—	0	—	0	26	2	4	80
11	28	3	4	320	4	240	4	120	28	4	4	360
12	30	6	8	680	8	800	8	840	30	5	8	720
13	26	6	28	440	20	480	20	560	26	8	4	160
14	32	7	4	2400	6	2000	6	1920	32	7	4	2200
15	20	1	20	320	16	600	16	840	18	3	20	640
16	10	4	20	1200	20	1240	20	1320	10	4	20	720
17	10	2	20	120	20	120	20	80	10	2	20	440
18	28	1	20	1000	20	1080	20	1200	26	2	20	720
19	12	4	20	1080	20	640	20	360	10	4	20	800
20	32	6	4	920	4	760	4	800	20	4	8	880
21	16	4	16	320	20	560	20	640	16	4	20	520
22	16	3	20	400	20	520	20	560	16	4	20	480
23	12	4	12	320	12	280	8	120	12	4	—	—
24	12	4	12	200	16	240	16	240	12	4	8	240
K. Hiimann.												
1	10	2	—	0	120	24	200	8	1	—	0	0
2	2	6	360	6	400	6	320	32	3	—	0	0
3	26	1	16	120	16	160	16	160	22	3	16	240
4	24	3	24	300	24	240	24	200	24	3	20	480
5	4	1	16	160	16	160	16	200	8	1	16	320
6	18	1	12	160	12	40	—	0	20	2	—	0
7	24	2	24	120	20	160	20	200	24	2	20	80
8	4	2	12	320	12	80	—	0	6	1	16	160
9	22	3	20	400	20	480	20	560	22	4	20	480
10	26	3	12	120	—	0	—	0	26	2	4	80
11	28	3	4	320	4	240	4	120	28	4	4	360
12	30	6	8	680	8	800	8	840	30	5	8	720
13	26	6	28	440	20	480	20	560	26	8	4	160
14	32	7	4	2400	6	2000	6	1920	32	7	4	2200
15	20	1	20	320	16	600	16	840	18	3	20	640
16	10	4	20	1200	20	1240	20	1320	10	4	20	720
17	10	2	20	120	20	120	20	80	10	2	20	440
18	28	1	20	1000	20	1080	20	1200	26	2	20	720
19	12	4	20	1080	20	640	20	360	10	4	20	800
20	32	6	4	920	4	760	4	800	20	4	8	880
21	16	4	16	320	20	560	20	640	16	4	20	520
22	16	3	20	400	20	520	20	560	16	4	20	480
23	12	4	12	320	12	280	8	120	12	4	—	—
24	12	4	12	200	16	240	16	240	12	4	8	240
J. Kaev												
24	12	3	20	480	20	800	20	1840	16	2	20	480
25	12	2	16	400	20	440	20	480	12	2	20	160
26	18	3	16	760	16	720	16	600	14	3	16	400
27	28	3	4	340	—	0	—	0	30	3	—	0
28	26	1	24	80	—	0	—	0	30	1	24	80
29	22	2	20	40	20	80	20	80	22	2	20	40
30	10	2	—	0	—	0	—	0	8	3	4	400
J. Kaev.												
1	18	1	20	400	20	320	20	240	4	1	20	300
2	18	5	20	720	20	640	20	480	20	5	24	1040
3	22	4	20	560	24	480	24	400	22	4	20	760
4	22	2	24	320	24	240	24	200	20	2	24	720
5	12	1	16	120	16	80	—	0	6	1	—	0
6	14	2	—	0	—	0	—	0	18	3	20	80
7	14	1	20	40	20	80	20	160	14	1	20	80
8	12	3	16	80	16	120	12	120	20	1	20	80
9	8	1	—	0	20	60	20	120	4	1	8	40
10	6	1	20	40	20	80	20	80	6	1	8	40
11	20	1	24	40	—	0	—	0	20	1	24	80
12	20	2	24	360	24	240	20	200	20	2	24	160
13	16	1	20	160	20	160	20	120	16	0	20	240
14	14	1	20	80	20	120	16	160	18	3	20	960
15	18	1	16	480	16	400	20	160	—	0	20	40
16	4	1	4	40	4	40	—	0	30	1	4	80
17	2	3	4	160	4	120	4	80	32	3	4	200
18	32	4	8	240	4	280	4	280	2	5	8	800
19	2	2	24	80	24	40	—	0	2	3	—	0
20	26	2	28	160	28	160	32	80	26	2	32	240
21	16	1	20	120	20	120	20	40	18	1	28	200
22	20	2	24	240	24	320	24	320	20	1	24	240
23	—	0	—	0	—	0	—	0	32	1	8	160
24	8	1	16	80	12	40	8	40	6	1	8	400
25	6	1	8	40	8	40	—	0	6	2	4	40
26	8	1	—	0	—	0	—	0	8	1	12	80
27	10	1	8	80	—	0	—	0	10	1	8	120
28	8	1	12	240	12	160	12	80	—	0	20	80
29	—	0	28	120	28	40	—	0	26	1	28	160
30	28	4	8	360	8	440	8	440	28	5	8	480
31	8	1	4	200	8	300	8	300	10	1	12	160

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	Tuul Wind			Vool 7h Strom			Tuul Wind	Vool 13h Strom			Tuul Wind	Vool 21h Strom		
	7h			0 m	10 m	20 m	13h	0 m	10 m	20 m	21h	0 m	10 m	20 m
Juuni 1929.														
1	32	4	4	800	8	720	8	560	30	3	8	640	8	560
2	28	2	8	640	8	560	8	440	28	3	8	400	12	240
3	28	4	8	360	8	440	8	560	28	2	8	640	8	640
4	12	2	12	520	12	360	12	320	18	2	16	80	12	240
5	20	5	24	640	24	640	24	720	20	5	20	880	20	760
6	20	5	20	1200	20	1080	20	1040	20	5	20	640	20	800
7	16	1	20	320	20	240	20	280	12	1	12	240	12	240
8	14	1	20	290	20	240	20	320	10	1	16	80	16	120
9	22	1	20	200	20	200	20	240	18	1	20	120	20	120
10	24	3	4	200	8	120	8	160	24	3	8	160	8	120
11	28	1	24	320	24	320	20	240	24	1	24	240	20	400
12	20	1	32	200	32	80	—	0	24	1	28	40	28	40
13	—	0	4	80	—	0	—	0	20	1	20	80	20	80
14	20	1	20	120	20	200	20	240	—	0	20	40	20	120
15	20	1	24	80	—	0	—	0	20	1	24	40	24	40
16	18	2	20	440	20	380	24	160	22	2	24	360	24	300
17	18	1	24	160	24	160	24	240	18	2	24	400	24	320
18	22	2	20	280	20	240	20	240	20	3	24	240	24	200
19	20	1	28	120	28	160	24	160	20	3	24	400	24	400
20	20	1	24	160	24	200	16	280	20	2	24	120	20	80
21	12	1	20	280	20	360	20	240	20	1	24	400	24	400
22	20	1	20	200	24	320	24	400	22	2	20	160	20	240
23	20	3	20	440	20	360	20	320	20	3	20	480	20	520
24	10	4	20	640	20	720	20	800	10	4	20	600	24	800
25	4	3	20	40	20	160	20	360	4	2	16	400	16	320
26	4	4	4	240	4	80	—	0	4	5	4	520	4	480
27	—	0	20	40	20	40	—	0	30	1	—	0	—	0
28	20	1	20	120	20	40	—	0	22	1	24	160	24	80
29	—	0	12	240	12	80	—	0	—	0	12	80	—	0
30	—	0	—	0	—	0	—	0	—	0	4	160	4	80
Juuli 1929.														
1	20	2	16	280	16	120	—	0	20	3	20	120	20	120
2	16	0	20	200	20	240	—	0	20	0	20	160	20	160
3	2	1	24	80	24	120	—	0	8	2	12	440	12	280
4	20	1	24	80	24	40	24	40	14	1	32	120	—	0
5	—	0	20	400	20	320	20	240	—	0	20	400	20	480
6	24	1	8	160	8	280	8	320	24	1	24	200	24	80
7	16	1	24	400	8	400	20	400	12	1	20	240	16	120
8	12	4	12	120	12	200	12	240	16	8	20	1920	20	2080
9	16	7	16	440	20	120	20	280	18	7	16	840	20	320
10	22	3	20	880	20	880	20	880	22	2	22	2400	22	1400
11	20	3	20	800	20	840	20	960	18	1	20	640	20	640
12	18	2	20	80	20	80	20	160	18	1	20	200	20	120
13	20	1	20	400	20	160	20	80	—	0	20	280	20	280
14	30	3	4	440	8	320	8	160	30	4	32	240	32	240
15	28	2	8	240	8	280	8	360	28	3	8	80	8	160
16	28	5	32	300	4	200	4	200	28	4	4	880	4	880
17	28	5	4	240	4	320	28	4	28	5	8	160	8	240
18	28	4	4	400	4	320	8	440	28	3	4	560	4	560
19	26	1	8	240	8	200	8	200	24	1	8	320	8	240
20	18	2	16	200	20	160	20	1160	18	3	16	320	20	320
21	—	0	28	200	24	80	24	160	20	1	24	40	24	40
22	20	2	20	480	20	360	24	240	20	2	20	400	20	240
23	20	2	20	360	20	360	20	320	20	3	20	280	20	360
24	22	5	24	1000	24	1000	24	960	20	6	20	1200	20	1120
25	20	3	20	1320	20	1200	20	1160	20	4	20	1800	20	1720
26	26	3	24	360	24	480	24	480	26	2	20	160	20	280
27	20	1	20	240	20	240	20	160	22	1	—	0	—	0
28	—	0	20	80	20	120	20	120	—	0	28	80	—	0
29	—	0	—	0	—	0	—	0	28	1	—	0	—	0
30	26	1	32	240	32	160	—	0	24	1	24	160	—	0
31	16	1	32	80	32	80	20	320	8	1	12	320	12	240

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	Tuul Wind	Vool 7 h Strom			Tuul Wind	Vool 13 h Strom			Tuul Wind	Vool 21 h Strom					
		0 m	10 m	20 m		0 m	10 m	20 m		0 m	10 m	20 m			
August 1929.															
K. Tiismann, J. Kaev.															
1	20	3	24	720	24	600	20	360	20	4	20	480			
2	20	4	20	720	20	720	20	960	16	4	20	1560			
3	20	5	16	1320	20	840	20	1320	20	6	20	1320			
4	22	3	24	600	24	600	24	600	24	3	24	900			
5	18	1	20	240	20	360	20	360	16	1	20	240			
6	16	1	20	360	20	450	20	480	20	1	20	450			
7	18	0	20	180	—	0	—	0	24	0	—	0			
8	4	0	—	0	—	0	—	0	4	1	4	120			
9	20	1	—	0	—	0	—	0	24	1	—	0			
10	22	1	—	0	—	0	—	0	22	1	28	240			
11	22	2	—	0	—	0	—	0	22	3	—	0			
12	20	3	20	360	20	420	20	360	18	3	20	240			
13	24	1	24	480	24	600	24	840	24	1	20	360			
14	20	2	24	150	24	120	24	120	20	2	24	720			
15	16	7	20	1200	20	1440	20	1440	20	6	20	1320			
16	22	1	24	360	20	360	20	360	22	1	20	720			
17	18	3	16	320	16	360	16	480	20	2	20	400			
18	16	3	16	320	16	360	16	480	20	2	20	400			
19	20	1	24	360	20	520	20	400	20	4	20	800			
20	22	6	24	1200	24	1120	24	1000	22	5	24	640			
21	2	3	8	160	4	200	4	240	6	2	8	280			
22	8	2	8	40	8	120	8	200	8	2	20	320			
23	28	1	20	80	24	40	—	0	—	0	—	0			
24	16	4	20	120	20	200	20	200	16	5	20	640			
25	22	5	20	880	20	1040	20	1560	22	6	20	1280			
26	22	4	20	400	16	560	20	720	24	4	20	560			
27	26	2	4	160	8	160	8	200	20	3	8	80			
28	28	3	32	200	4	360	4	400	26	2	4	240			
29	14	2	20	80	—	0	—	0	12	1	20	240			
30	22	5	24	480	20	840	20	920	22	6	20	800			
31	22	3	24	600	20	560	20	480	24	4	20	960			
September 1929.															
J. Kaev.															
1	32	1	4	240	4	80	—	0	26	1	4	160			
2	12	2	8	200	16	120	20	120	14	3	20	400			
3	24	4	24	720	24	600	20	400	24	4	24	600			
4	28	3	28	440	28	320	—	0	28	2	32	240			
5	20	3	24	960	16	600	16	480	20	3	20	560			
6	18	3	20	360	20	480	20	560	22	2	20	480			
7	18	7	28	960	28	960	32	920	30	8	—	—			
8	30	7	4	720	4	1120	4	1200	30	6	4	1920			
9	4	1	16	120	16	160	16	160	6	1	12	560			
10	2	2	16	720	16	720	16	720	6	2	16	520			
11	28	2	8	360	8	400	4	400	26	2	8	360			
12	12	1	12	400	12	400	12	400	16	1	16	240			
13	16	1	20	360	20	560	20	560	18	1	20	600			
14	18	1	20	280	20	120	—	0	18	1	20	120			
15	16	1	20	320	20	360	20	400	18	1	20	400			
16	18	3	20	1000	20	880	20	840	18	3	20	560			
17	32	1	16	80	20	200	20	280	32	1	24	80			
18	14	1	16	360	18	280	18	280	16	1	20	280			
19	14	2	24	120	20	160	20	160	16	3	20	240			
20	16	4	16	560	20	600	20	720	16	5	20	640			
21	16	4	16	480	16	240	16	100	18	3	16	1200			
22	16	2	16	120	16	200	16	280	12	1	20	400			
23	2	3	4	160	4	160	8	200	32	5	4	960			
24	2	2	8	200	8	360	8	440	4	2	8	240			
25	22	1	16	320	16	320	16	240	20	2	20	480			
26	24	2	20	380	20	320	20	440	—	0	—	0			
27	20	1	20	240	20	200	20	160	20	2	20	720			
28	26	2	20	200	24	280	24	320	4	1	4	320			
29	20	3	20	1160	20	1120	20	1000	20	4	20	800			
30	20	5	20	1000	16	840	20	600	22	4	24	800			

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	Tuul Wind 7 h	Vool 7h Strom			Tuul Wind 13h	Vool 13h Strom			Tuul Wind 21h	Vool 21h Strom					
		0 m	10 m	20 m		0 m	10 m	20 m		0 m	10 m	20 m			
Oktoober 1929.															
J. Kaev.															
1	16 1	20	480	16 480	12 520	16 3	20	640	16 560	12 680	18 5	20 800			
2	22 4	20	400	20 320	20 400	20 3	20	480	20 400	20 320	14 3	20 400			
3	22 6	20	760	20 680	20 680	20 6	20	1040	20 1040	20 1120	20 6	20 800			
4	22 5	20	1120	20 1280	20 1520	22 7	20	960	20 840	20 760	20 5	20 1120			
5	20 2	20	200	20 80	— 0	20 1	16	640	16 640	16 600	16 1	20 720			
6	28 1	—	0	— 0	— 0	2 1	—	0	— 0	— 0	10 2	12 480			
7	12 6	12	800	12 720	16 320	12 6	12	400	12 400	12 480	20 2	20 400			
8	20 3	20	560	20 560	20 600	20 3	20	400	20 360	20 360	14 1	20 200			
9	12 4	12	360	12 360	8 880	14 3	16	80	16 80	16 120	14 1	20 240			
10	22 1	20	560	20 560	20 560	20 2	20	560	20 520	20 480	16 3	20 440			
11	22 1	24	400	20 480	20 480	18 6	20	1200	20 1040	20 960	20 5	20 1200			
12	20 3	20	1200	20 1200	20 1160	20 3	20	880	20 800	20 720	28 3	24 320			
13	24 4	24	240	24 360	24 360	22 5	20	400	20 520	20 520	30 5	28 800			
14	24 1	4	280	4 360	4 400	20 3	16	200	16 200	20 200	20 4	20 560			
15	28 10	24	1200	20 1120	20 1000	28 11	—	—	—	—	26 10	—			
16	30 7	—	—	—	—	28 6	8	400	8 600	8 800	28 4	8 640			
17	8 1	8	480	8 640	8 640	12 1	8	360	8 280	8 280	12 3	16 720			
18	8 4	4	640	4 760	8 800	8 4	8	680	8 680	8 720	10 4	8 600			
19	10 4	8	680	8 760	12 840	10 4	8	560	12 600	12 680	10 5	8 720			
20	14 5	8	600	12 720	8 960	14 4	20	320	20 480	20 560	8 1	20 520			
21	2 3	32	560	4 600	4 680	2 3	4	400	4 480	4 600	30 4	8 240			
22	24 3	20	400	24 240	24 160	22 4	20	560	24 480	24 400	20 6	20 640			
23	20 5	20	880	20 880	20 880	20 5	20	1200	20 1200	20 1160	16 4	20 640			
24	20 4	20	560	20 600	20 800	20 5	20	1600	20 1200	20 1040	18 4	20 1040			
25	16 5	20	920	20 760	20 640	16 5	20	1040	20 920	20 840	14 5	16 280			
26	14 3	12	640	12 500	16 360	12 3	12	160	20 160	20 160	12 4	—			
27	12 4	16	640	16 280	16 160	12 4	16	280	16 440	20 520	14 3	16 480			
28	12 1	20	160	20 240	20 440	4 1	20	80	20 80	— 0	26 4	24 360			
29	22 2	20	360	20 240	20 160	22 4	24	400	24 280	24 200	14 4	20 400			
30	12 2	20	320	20 400	20 440	12 2	20	320	20 320	20 400	2 2	20 160			
31	32 2	32	120	32 80	— 0	4 1	—	0	20 80	20 120	2 4	—			
November 1929.															
J. Kaev.															
1	2 3	4	120	4 120	4 80	2 2	4	320	4 320	4 240	4 3	4 240			
2	2 3	8	240	8 240	8 200	2 2	8	40	— 0	— 0	4 2	8 80			
3	4 2	8	40	8 40	— 0	2 2	8	40	— 0	— 0	20 2	20 120			
4	22 4	20	600	20 480	20 720	24 5	28	400	20 320	24 400	30 4	24 560			
5	22 5	20	360	20 240	20 240	24 5	20	880	20 640	20 640	18 1	20 800			
6	20 1	20	320	20 400	20 400	22 1	20	600	20 640	20 720	16 2	20 560			
7	16 4	20	440	20 480	20 560	16 3	20	480	20 400	20 400	20 4	20 480			
8	20 4	20	1240	20 1120	20 880	20 4	20	1000	20 600	20 520	24 4	20 560			
9	16 4	16	560	20 640	20 760	16 6	20	1120	20 1040	20 1040	18 3	20 1080			
10	20 3	20	1160	20 1120	20 1120	24 3	20	880	20 760	20 720	22 5	20 400			
11	16 7	16	600	20 720	20 720	16 7	20	1040	20 1080	20 1280	16 4	20 1000			
12	16 6	16	800	20 960	20 1000	16 8	16	920	20 1000	20 1000	18 8	20 480			
13	16 4	20	720	20 840	20 840	16 2	20	880	20 920	20 1120	16 1	20 840			
14	22 1	20	200	20 120	20 80	16 1	—	0	— 0	— 0	10 3	—			
15	12 5	20	400	24 320	24 280	10 6	20	560	20 440	20 400	12 7	16 600			
16	12 4	20	440	20 520	20 560	12 4	20	480	20 600	20 640	14 4	20 640			
17	16 3	20	720	20 800	20 800	12 3	20	400	20 560	20 640	8 1	16 200			
18	2 4	4	760	8 840	12 960	16 4	4	800	8 920	8 1000	30 4	4 760			
19	30 4	4	800	4 880	4 720	2 4	8	400	8 560	8 640	28 3	8 440			
20	28 3	8	360	8 240	8 160	30 2	8	320	8 200	— 0	28 1	8 400			
21	18 1	—	0	— 0	— 0	30 1	24	720	24 640	24 560	14 3	24 600			
22	16 3	20	320	20 320	20 280	18 3	20	360	20 320	20 240	20 3	20 360			
23	12 1	24	600	24 600	24 600	18 2	20	400	20 360	20 360	18 3	16 240			
24	18 3	20	280	16 280	16 400	18 3	16	240	16 320	16 320	18 2	—			
25	14 1	16	80	— 0	— 0	18 1	16	160	16 120	16 120	18 3	16 200			
26	20 1	20	600	20 640	20 600	18 1	20	680	20 680	20 640	16 3	20 640			
27	16 3	20	600	20 640	20 640	18 3	20	400	20 360	20 320	18 2	20 440			
28	14 2	12	160	20 400	20 640	16 1	16	240	20 320	20 400	12 1	16 240			
29	16 1	20	240	20 360	16 400	14 1	20	200	20 240	20 320	14 0	20 240			
30	12 5	20	480	20 360	20 160	16 5	20	240	20 160	20 120	16 1	8 320			

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	Tuul Wind 7 h	Vool 7 h Strom			Tuul Wind 13 h	Vool 13 h Strom			Tuul Wind 21 h	Vool 21 h Strom					
		0 m	10 m	20 m		0 m	10 m	20 m		0 m	10 m	20 m			
Detsember 1929.															
J. Kaev, K. Tiismann.															
1	2	20	400	20	320	20	200	2	3	16	80	16			
2	12	2	16	80	16	120	16	160	12	3	12	160			
3	14	2	16	160	20	200	20	280	18	2	20	480			
4	26	3	24	400	20	600	20	720	24	2	24	320			
5	16	3	16	200	8	120	8	320	14	3	20	240			
6	14	1	20	520	20	560	20	560	14	1	20	520			
7	14	2	20	440	20	400	20	520	16	2	20	480			
8	18	5	20	1040	20	1120	24	1160	20	6	20	1440			
9	16	4	16	720	20	520	20	400	16	5	20	800			
10	—	—	—	—	—	—	—	—	16	6	20	1200			
11	20	5	24	1800	24	1200	20	1320	20	5	20	1500			
12	14	6	20	900	16	1200	20	900	14	7	20	840			
13	20	1	22	600	22	720	20	660	16	1	20	840			
14	18	5	24	720	22	900	20	1020	18	7	20	1500			
15	22	7	24	1800	24	2100	24	1800	22	6	24	1200			
16	26	7	28	1200	26	660	30	300	28	7	32	720			
17	32	5	4	1560	4	900	4	1200	32	5	4	1780			
18	28	1	8	600	8	840	8	1320	22	2	18	300			
19	24	2	—	0	—	0	22	660	22	3	22	420			
20	20	4	28	300	24	600	4	180	18	3	26	360			
21	—	—	—	—	—	—	—	—	20	1	28	320			
22	12	3	16	200	16	80	—	0	12	3	—	0			
23	12	3	4	160	8	120	8	120	12	3	12	120			
24	12	2	12	160	4	120	4	320	12	2	4	80			
25	12	5	20	240	12	240	4	320	12	4	8	360			
26	16	6	20	880	20	760	20	640	16	5	20	640			
27	18	5	16	1360	20	1360	20	1440	20	4	20	1000			
28	16	2	20	480	20	600	20	640	16	3	20	400			
29	14	3	20	560	20	520	20	440	14	3	20	560			
30	14	4	16	480	24	560	24	640	22	5	20	1200			
31	20	5	20	1000	20	1080	20	1080	18	5	20	960			
Jaanuar 1930.															
J. Kaev.															
1	22	3	20	1200	20	1080	20	960	20	5	24	880			
2	20	3	20	720	20	720	24	720	16	3	16	800			
3	14	3	20	720	20	680	20	560	16	3	20	640			
4	20	6	20	1200	20	1120	20	1080	22	7	20	880			
5	24	5	20	840	20	1120	20	1200	24	5	20	760			
6	16	3	20	800	20	800	20	800	18	4	20	800			
7	22	6	20	1280	20	1200	20	920	24	7	20	1400			
8	20	6	22	1200	22	920	22	800	20	5	24	720			
9	22	5	24	720	20	760	20	760	20	5	20	600			
10	20	4	20	840	20	920	20	960	20	5	20	1120			
11	18	4	20	840	20	800	20	800	18	3	20	600			
12	14	4	20	200	—	0	—	0	14	5	20	320			
13	20	5	20	880	24	1000	24	1200	16	4	20	680			
14	14	1	20	120	20	200	20	240	16	1	20	160			
15	20	4	20	720	20	800	20	800	20	4	20	840			
16	22	4	24	720	20	760	20	800	26	5	20	240			
17	28	1	8	120	8	80	—	0	30	1	8	160			
18	20	4	28	400	28	160	—	0	20	5	20	960			
19	20	5	20	840	20	920	20	960	20	5	20	720			
20	18	5	20	1240	20	1200	20	1160	20	7	20	1200			
21	22	2	24	560	24	800	20	1120	24	4	20	520			
22	26	3	4	400	8	320	12	200	26	3	8	320			
23	20	4	20	800	20	360	20	200	22	6	20	640			
24	20	6	20	1200	20	920	20	800	24	3	28	480			
25	—	0	8	560	8	520	12	320	16	1	16	240			
26	18	1	20	160	24	200	24	200	18	1	20	360			
27	22	5	24	800	24	760	20	640	26	4	28	400			
28	30	3	4	1000	6	920	8	800	4	2	12	400			
29	10	4	12	720	12	600	12	360	8	3	4	560			
30	6	2	8	280	10	320	12	360	6	2	8	560			
31	10	4	12	480	12	640	12	680	10	5	8	640			

Tulelaev „Hiiumadal“

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	Tuul Wind			Vool 7h Strom			Tuul Wind	Vool 13h Strom			Tuul Wind	Vool 21h Strom							
	7h			0 m	10 m	20 m		0 m	10 m	20 m		0 m	10 m	20 m					
Veebruar 1930.																			
J. Kaev.																			
1	10	5	8	320	12	200	12	160	10	5	12	480	12	520					
2	10	6	12	760	12	640	12	640	8	6	12	1040	12	1080					
3	10	7	8	1200	8	1000	8	960	10	7	8	520	8	480					
4	10	6	8	600	8	520	12	440	10	5	8	800	8	800					
5	12	4	8	600	8	440	8	400	12	3	16	400	16	360					
6	12	1	16	160	16	200	12	240	8	3	8	460	8	360					
7	2	4	4	200	4	320	4	400	30	1	8	520	4	400					
8	12	1	16	240	16	440	16	720	32	4	12	160	12	120					
9	28	3	4	560	6	600	6	600	32	4	4	520	4	560					
10	14	4	12	360	12	320	8	160	16	4	20	400	20	280					
11	28	8	32	720	4	600	6	560	30	8	4	1040	4	1240					
12	22	2	8	640	8	640	8	680	24	2	8	320	8	440					
13	26	3	4	80	8	160	8	200	24	4	16	320	16	160					
14	22	5	24	1280	24	1320	20	1440	22	5	24	600	24	760					
15	20	7	20	1600	20	1000	20	640	20	7	16	1360	20	1360					
16	30	5	32	400	20	160	20	200	28	4	28	240	12	80					
17	32	3	8	280	8	360	8	400	32	2	4	360	4	240					
18	26	3	32	440	32	320	32	120	26	3	24	240	24	360					
19	30	2	8	200	4	240	4	320	30	2	16	360	8	360					
20	30	1	4	480	4	440	8	400	4	1	4	480	4	400					
21	22	1	28	200	32	80	—	0	22	1	28	160	28	120					
22	20	2	24	320	20	640	20	800	20	2	20	400	20	440					
23	24	2	8	600	8	520	8	320	28	2	8	400	8	320					
24	—	0	—	0	12	80	12	80	—	0	—	0	—	0					
25	22	1	8	240	8	160	8	120	22	1	8	200	8	240					
26	18	2	28	160	32	80	—	0	16	2	—	0	20	160					
27	18	4	16	240	16	280	16	320	18	3	16	560	16	680					
28	18	2	32	400	32	320	32	240	20	2	20	160	20	160					
Märts 1930.																			
J. Kaev, K. Tiismann.																			
1	24	5	24	320	24	320	24	240	24	4	28	240	28	160					
2	24	4	32	120	32	120	32	80	26	4	24	200	24	160					
3	24	1	32	240	32	160	4	160	22	1	28	160	28	120					
4	26	3	4	160	4	280	4	480	26	2	—	0	4	80					
5	30	2	4	240	4	200	32	160	32	2	4	320	4	240					
6	30	3	4	320	4	320	4	480	24	4	32	520	8	560					
7	26	6	4	520	4	520	4	560	22	4	4	240	4	80					
8	22	5	24	480	20	480	20	640	24	6	24	560	24	600					
9	26	2	—	0	24	120	24	280	26	1	4	40	4	80					
10	22	5	24	1040	24	1080	20	1120	20	6	20	1440	20	1280					
11	2	2	24	240	24	320	24	400	4	1	28	160	32	160					
12	4	2	8	580	8	480	8	480	4	2	8	440	8	480					
13	6	6	8	880	8	800	8	720	6	6	8	1200	8	1200					
14	4	7	8	800	8	880	8	880	2	4	8	800	8	1040					
15	2	4	8	760	8	840	8	920	2	4	8	280	8	280					
16	30	1	12	640	12	640	12	640	4	1	8	1040	8	920					
17	20	2	12	240	12	200	12	160	18	1	20	160	20	160					
18	12	3	16	400	20	480	20	560	12	3	20	560	20	480					
19	14	5	20	880	20	880	20	960	18	3	20	960	20	880					
20	10	1	20	320	20	360	20	480	8	2	20	240	20	320					
21	20	8	—	—	—	—	—	—	22	6	20	1200	20	1360					
22	18	5	20	1040	20	1120	20	1360	20	5	20	800	20	1320					
23	20	7	20	1120	20	640	20	960	20	7	20	1280	20	480					
24	20	3	20	640	20	200	20	640	20	3	20	400	20	240					
25	—	0	20	160	20	160	20	320	18	1	20	240	20	160					
26	—	0	20	160	20	240	20	160	16	1	20	80	20	200					
27	8	3	20	240	20	280	20	400	6	3	8	320	8	360					
28	6	1	4	300	—	0	—	0	—	0	4	600	4	450					
29	12	2	12	480	24	720	16	300	12	2	20	180	—	0					
30	12	3	20	480	12	240	12	120	12	1	20	240	12	240					
31	16	1	16	600	24	180	—	0	20	1	—	0	—	0					

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	Tuul Wind 7 h	Vool 7 h Strom			Tuul Wind 13 h	Vool 13 h Strom			Tuul Wind 21 h	Vool 21 h Strom					
		0 m	10 m	20 m		0 m	10 m	20 m		0 m	10 m	20 m			
April 1930.															
K. Tiismann, J. Kaev.															
1	8	1	4	300	—	0	—	0	8	2	4	600			
2	6	3	2	480	24	720	16	300	6	5	20	180			
3	6	3	20	480	12	240	12	120	4	3	20	240			
4	8	2	16	600	24	180	—	0	8	3	—	0			
5	10	3	12	300	16	300	12	900	8	2	4	480			
6	8	3	8	320	8	320	8	200	10	3	20	120			
7	12	1	12	120	16	40	—	0	8	1	12	80			
8	2	1	8	120	8	80	4	40	4	1	8	160			
9	4	1	—	0	—	0	—	0	4	2	8	120			
10	12	1	12	80	12	120	12	120	—	0	8	120			
11	—	0	12	120	16	80	16	80	—	0	12	80			
12	—	0	16	120	16	120	16	160	—	0	20	80			
13	—	0	12	80	—	0	—	0	—	0	—	0			
14	10	2	12	240	16	360	12	360	12	3	20	280			
15	10	2	12	200	12	120	12	40	10	1	12	160			
16	10	1	16	320	20	240	20	200	8	1	12	80			
17	2	3	8	400	8	160	—	0	4	4	8	800			
18	4	8	4	1600	4	1280	4	1200	4	8	4	1360			
19	12	1	8	480	8	400	16	520	6	3	20	240			
20	16	2	12	720	12	600	12	440	20	1	16	120			
21	18	1	20	480	20	560	20	720	20	1	20	400			
22	14	3	20	120	20	160	20	240	12	2	20	200			
23	20	2	20	400	20	440	20	600	20	2	20	360			
24	8	1	20	60	20	60	20	80	4	1	4	80			
25	4	2	8	80	—	0	—	0	4	2	8	40			
26	4	2	32	200	4	160	4	80	2	2	4	80			
27	—	0	32	120	24	80	24	80	—	0	20	160			
28	22	4	20	480	20	520	20	520	22	4	20	480			
29	2	3	28	440	4	320	32	400	4	3	4	240			
30	22	1	—	0	—	0	—	0	24	1	28	240			
Mai 1930.															
J. Kaev.															
1	2	1	4	320	4	200	4	120	32	1	8	320			
2	20	1	16	240	16	200	16	160	20	2	16	560			
3	28	4	32	200	4	160	8	160	28	5	4	320			
4	30	5	4	880	4	600	4	440	30	4	4	680			
5	30	1	4	480	4	480	8	480	30	4	4	320			
6	4	2	4	240	4	240	4	280	4	1	4	40			
7	4	1	8	320	8	200	8	120	4	1	4	280			
8	10	3	12	360	12	440	12	440	10	4	12	240			
9	12	4	16	560	16	480	16	320	14	4	16	440			
10	28	1	16	560	16	560	16	640	24	1	—	0			
11	22	1	8	120	8	200	8	200	22	1	8	80			
12	20	1	24	80	24	120	24	120	—	0	—	0			
13	6	1	16	40	—	0	—	0	6	1	8	80			
14	22	1	20	240	20	120	20	80	20	1	20	160			
15	2	2	8	720	8	640	4	480	2	3	12	1000			
16	—	0	16	120	16	80	—	0	4	1	—	0			
17	20	1	8	80	8	80	8	120	20	1	28	60			
18	18	1	—	0	—	0	—	0	22	1	—	0			
19	10	1	8	120	8	120	8	80	14	1	8	160			
20	16	1	12	80	12	80	16	120	12	1	8	120			
21	22	1	8	200	8	240	8	320	26	1	4	160			
22	4	1	4	240	4	160	4	120	6	3	12	320			
23	—	0	8	320	8	200	12	160	4	1	8	360			
24	4	1	4	80	4	80	4	120	4	1	12	280			
25	6	1	8	40	8	40	8	80	6	1	8	320			
26	16	2	—	0	20	80	20	120	—	0	20	200			
27	14	2	20	320	20	320	20	360	20	1	20	240			
28	32	2	32	200	32	240	4	120	28	2	4	240			
29	22	6	24	240	24	200	—	0	22	7	24	1120			
30	28	7	28	480	28	400	28	360	28	6	28	400			
31	30	5	32	400	4	280	4	240	28	3	8	160			

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	Tuul Wind			Vool 7h Strom			Tuul Wind	Vool 13h Strom			Tuul Wind	Vool 21h Strom		
	7h	0 m	10 m	20 m	13h	0 m	10 m	20 m	21h	0 m	10 m	20 m		
Juuni 1930.														
1	8	2	8	960	8 1040	8 1040	6	2	16	160	12	200	8 320	28
2	6	2	12	120	—	0	4	1	12	160	12	160	12 160	4
3	2	2	8	240	8 320	8 360	28	3	8	160	12	160	—	0
4	2	2	4	560	4 560	4 480	2	1	8	640	8 560	8 480	28	2
5	20	2	8	440	4 520	4 600	20	2	20	200	20 160	20 120	20	2
6	20	3	24	80	24 120	24 120	20	3	20	280	20 240	20 160	20	4
7	3	3	20	440	20 400	20 400	20	3	24	240	24 240	24 200	20	3
8	16	2	20	220	20 320	20 360	12	1	20	400	20 360	20 360	16	2
9	18	2	20	240	20 240	20 320	18	4	20	400	20 400	20 480	20	3
10	20	3	20	440	20 480	20 560	20	3	20	480	20 520	20 520	20	3
11	20	3	20	920	20 1000	20 1280	20	3	20	600	20 960	20 1480	20	3
12	22	2	20	480	20 400	20 280	22	1	24	200	24 240	24 240	20	1
13	18	1	20	120	20 400	—	0	20	1	20	400	20 240	20 120	—
14	32	2	8	200	8 120	8 80	2	2	4	240	4 280	4 320	2	1
15	2	2	4	720	4 600	4 520	30	1	4	640	4 480	4 400	28	3
16	32	3	8	600	8 920	8 1200	32	1	8	200	8 160	8 80	24	1
17	28	1	8	240	8 200	8 120	28	1	8	320	8 240	8 160	26	1
18	30	1	8	200	8 120	8 80	28	1	8	200	8 80	8 80	28	1
19	28	1	4	320	4 320	4 360	26	1	4	480	4 480	4 400	24	1
20	28	1	4	400	4 280	4 200	—	0	8	720	8 600	8 400	28	1
21	26	1	8	120	8 80	8 80	28	1	8	320	8 240	8 240	24	1
22	22	2	16	280	16 160	16 120	24	1	4	720	4 480	4 240	4	1
23	16	1	12	320	12 200	12 160	16	2	20	480	20 320	20 80	22	1
24	12	1	20	160	20 160	20 120	20	1	12	360	12 200	8 80	20	1
25	10	1	16	400	16 280	12 160	12	2	20	400	16 320	16 240	22	2
26	24	3	24	160	20 120	20 120	24	4	24	240	24 240	24 360	22	4
27	26	2	32	320	32 280	28 320	26	2	28	200	28 120	28 80	26	1
28	4	1	4	320	4 240	4 240	2	1	4	160	4 120	4 120	8	2
29	10	3	12	280	12 320	16 400	20	3	20	360	20 340	20 160	20	5
30	2	6	12	280	40 120	20 120	2	5	4	560	4 560	4 480	28	3
Juuli 1930.														
1	30	3	8	800	8 720	8 480	2	1	8	840	8 560	8 680	—	0
2	24	1	—	0	8 200	8 200	22	1	—	0	—	0	26	1
3	4	4	8	920	8 840	8 800	6	4	8	880	8 760	8 720	4	2
4	2	1	8	1120	8 1000	8 960	2	2	8	1600	8 920	8 640	30	1
5	6	1	8	800	8 760	8 640	4	1	8	1040	8 920	8 800	4	1
6	8	2	8	720	8 680	8 440	4	2	8	560	8 640	12 720	4	1
7	—	0	8	1280	8 1160	8 1000	28	1	8	400	8 440	8 520	28	1
8	26	1	4	520	4 360	8 240	22	2	4	360	4 120	—	0	22
9	4	6	4	960	4 920	4 800	10	5	12	1040	12 960	12 840	6	1
10	—	0	20	520	20 400	20 360	4	1	10	560	20 480	20 400	32	1
11	8	1	12	320	12 360	16 360	6	1	16	1120	16 800	16 640	6	2
12	4	2	16	120	16 120	12 160	6	5	12	320	16 400	16 480	6	4
13	6	1	28	240	28 160	28 120	4	1	32	160	32 120	28 120	4	1
14	4	1	8	360	8 320	4 280	6	2	4	320	4 240	4 280	32	1
15	28	1	4	240	4 360	4 440	32	1	4	320	4 280	4 240	28	1
16	—	0	4	200	4 160	4 160	—	0	8	200	4 200	4 160	32	1
17	4	1	8	120	8 160	4 200	32	1	8	240	8 160	8 120	6	4
18	14	1	8	40	8 120	8 200	—	0	4	160	4 160	8 240	—	0
19	10	1	12	480	12 320	12 320	6	2	8	880	8 880	4 880	6	3
20	4	1	20	80	20 120	20 120	6	1	—	0	—	0	—	0
21	26	1	24	200	24 240	24 320	24	1	24	120	24 120	24 160	32	1
22	4	2	4	480	4 320	4 240	4	1	—	0	—	0	4	1
23	—	0	—	0	—	0	—	0	22	1	—	0	—	0
24	22	3	24	240	24 120	24 120	22	4	24	360	24 200	24 120	20	2
25	12	1	24	80	24 120	20 120	6	1	14	240	12 160	20 120	6	3
26	2	3	8	200	12 240	12 240	2	1	20	120	20 200	20 200	30	3
27	—	0	20	240	20 240	20 160	—	0	20	160	20 160	20 240	20	1
28	20	2	20	480	20 480	20 520	20	3	20	640	20 600	20 600	20	3
29	18	1	20	720	20 480	20 560	22	2	20	800	20 720	20 640	22	3
30	18	1	20	320	20 640	20 600	22	2	20	800	20 1000	20 1040	22	3
31	20	3	20	800	20 840	20 960	20	2	20	960	20 1040	20 1120	18	1

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	Tuul Wind		Vool 7h Strom				Tuul Wind	Vool 13h Strom				Tuul Wind	Vool 21h Strom							
			0 m	10 m	20 m			0 m	10 m	20 m			0 m	10 m	20 m					
August 1930.																				
J. Kaev.																				
1	18	1	20	720	20	800	20	880	14	1	20	1000	20	1200	20	1440				
2	30	1	20	400	20	480	20	520	26	1	20	400	20	400	26	26				
3	28	2	24	200	24	120	24	120	28	2	32	200	32	280	32	400				
4	32	2	16	160	16	200	20	280	28	2	20	160	20	80	0	30				
5	—	0	24	280	24	200	24	160	18	1	20	200	20	160	20	160				
6	24	2	24	520	20	600	20	640	24	1	20	400	20	520	20	560				
7	4	3	24	160	24	120	24	120	2	4	4	160	4	160	24	4				
8	24	2	28	360	24	280	20	240	22	2	24	320	24	280	24	24				
9	22	6	24	960	24	880	24	880	22	5	24	840	24	840	24	880				
10	30	0	24	160	24	120	24	120	2	1	24	240	24	160	24	80				
11	2	5	4	560	4	480	4	360	2	5	8	720	8	600	8	480				
12	30	4	8	360	8	400	8	440	26	6	4	480	4	480	28	4				
13	26	1	8	600	4	520	4	480	16	2	8	240	8	400	8	480				
14	18	3	20	880	20	760	20	720	18	5	20	800	20	800	18	5				
15	12	3	20	680	20	920	20	1120	10	4	20	560	20	560	20	720				
16	12	2	20	360	20	280	20	240	14	4	20	400	20	400	12	2				
17	30	5	28	320	28	200	24	160	4	6	4	480	4	480	4	5				
18	16	6	16	1120	20	1000	20	960	14	7	20	640	20	720	14	3				
19	14	2	16	240	20	320	20	480	8	1	16	320	20	320	20	320				
20																				
21																				
22																				
23																				
24																				
25																				
26																				
27																				
28																				
29																				
30	18	1	20	80	20	120	20	120	20	1	24	160	24	120	20	80				
31	20	5	20	720	20	720	20	640	20	5	20	880	20	880	20	840				
September 1930.																				
J. Kaev.																				
1	20	5	20	720	20	720	20	640	28	7	20	280	20	400	20	520				
2	28	2	8	240	8	240	8	360	18	2	8	240	8	320	8	360				
3	—	0	8	200	8	200	8	80	18	1	4	320	4	280	4	240				
4	32	4	32	440	32	440	4	360	30	3	4	240	4	80	0	30				
5	2	3	4	640	4	640	8	720	2	3	4	720	4	680	8	640				
6	32	4	8	760	8	840	8	1000	32	3	8	600	8	800	8	840				
7	32	2	8	720	8	720	8	720	6	1	8	840	8	800	8	760				
8	4	3	8	480	8	360	8	160	4	2	8	320	8	800	8	1240				
9	2	2	4	720	8	600	8	600	2	3	8	920	8	640	8	480				
10	6	2	4	360	8	480	8	480	6	2	4	400	4	520	8	600				
11	4	2	4	480	4	360	4	360	2	2	4	240	4	240	4	280				
12	2	1	4	440	4	280	4	240	8	1	4	80	8	80	8	80				
13	10	3	8	520	8	360	8	200	8	3	16	320	8	480	8	240				
14	10	5	12	600	12	520	16	480	10	5	20	80	20	80	20	80				
15	10	3	20	520	20	400	20	280	10	4	20	400	20	440	20	480				
16	14	2	16	140	20	120	20	200	12	2	20	480	20	320	20	160				
17	20	3	16	600	20	480	20	440	20	2	16	400	20	360	20	320				
18	28	7	32	440	28	320	28	200	28	6	4	640	4	520	4	480				
19	2	3	4	1040	4	960	4	800	2	2	8	800	8	640	12	520				
20	12	4	16	720	12	520	12	480	12	3	20	560	16	480	16	320				
21	12	4	12	640	16	490	16	400	14	3	20	360	20	240	20	200				
22	26	1	20	120	20	800	20	800	26	1	20	240	20	240	16	240				
23	2	3	8	440	4	360	4	280	2	2	4	480	4	440	4	400				
24	14	3	4	200	4	120	8	120	18	5	20	240	16	160	16	160				
25	16	4	20	640	20	640	20	720	18	5	20	640	20	800	20	840				
26	16	4	20	600	20	680	20	800	16	4	20	400	20	400	20	480				
27	4	1	—	0	20	200	20	200	4	1	—	0	—	0	—	0				
28	32	1	32	200	4	320	8	360	30	1	4	240	4	240	2	2				
29	24	2	—	0	32	320	32	320	22	3	24	30	—	0	160	26				
30	32	4	24	200	20	360	20	440	32	3	4	800	4	720	30	3				

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	Tuul Wind			Vool 7h Strom			Tuul Wind	Vool 13h Strom			Tuul Wind	Vool 21h Strom		
	7h	0 m	10 m	20 m	13h	0 m		10 m	20 m	21h		0 m	10 m	20 m
Oktoober 1930.														
J. Kaev.														
1	30	4	8	720	8	840	8	880	30	6	8	800	8	1160
2	32	4	8	800	8	840	8	840	30	3	8	840	8	800
3	30	4	4	120	4	120	4	80	30	4	4	80	16	120
4	30	4	4	960	16	880	8	800	30	4	4	560	8	1080
5	12	2	12	320	8	240	8	360	12	3	12	200	8	480
6	8	7	8	1120	8	1120	8	1000	8	8	12	880	8	680
7	4	7	8	1040	8	840	8	840	4	7	4	1200	8	800
8	20	1	20	400	20	440	20	560	16	2	20	800	20	1600
9	14	4	12	560	12	600	16	680	18	4	20	400	20	1240
10	26	8	28	640	24	760	24	960	26	9	—	—	20	600
11	26	5	24	960	20	960	20	920	26	4	24	240	24	160
12	14	2	8	440	12	320	20	240	14	1	20	240	20	440
13	22	2	20	360	20	400	20	520	22	3	24	920	20	1360
14	24	4	24	520	20	760	20	840	22	3	24	440	22	800
15	22	1	24	400	24	480	20	640	22	2	24	400	20	480
16	20	1	20	200	20	240	20	360	16	1	20	240	20	160
17	22	2	20	360	20	320	20	120	22	1	20	320	20	120
18	18	1	20	120	20	160	20	200	18	2	20	160	20	280
19	20	1	20	440	20	520	20	560	24	1	20	160	20	240
20	12	1	—	0	—	0	20	120	12	1	16	80	12	160
21	12	3	12	200	16	240	16	240	12	3	16	80	20	160
22	16	2	16	320	20	400	20	520	16	2	16	320	20	480
23	14	1	12	160	16	120	16	120	14	3	20	360	20	160
24	16	3	16	400	20	440	20	520	16	3	16	320	20	560
25	12	4	16	320	16	360	16	440	12	4	12	440	20	480
26	20	4	20	640	20	640	20	600	20	2	24	480	24	320
27	4	4	4	560	8	600	8	680	4	3	8	160	8	240
28	14	1	11	120	16	80	12	80	—	0	—	0	—	0
29	14	4	20	240	12	200	16	120	16	5	20	640	20	400
30	24	1	20	680	20	600	20	600	24	2	20	600	20	640
31	8	3	8	160	—	0	—	0	30	1	20	160	20	240
November 1930.														
J. Kaev.														
1	26	5	—	0	20	120	20	120	24	5	4	280	20	960
2	18	1	24	120	24	120	24	80	14	2	12	160	40	520
3	14	4	16	480	20	560	20	600	14	5	16	520	20	720
4	14	3	20	560	20	560	20	640	14	3	20	640	20	880
5	16	1	20	360	20	440	20	480	—	0	20	160	20	400
6	32	2	—	0	—	0	20	120	32	4	8	960	8	920
7	26	4	28	320	8	400	8	440	24	2	8	200	8	400
8	18	3	20	240	20	120	—	0	16	5	16	840	20	640
9	22	4	20	960	20	920	20	800	22	6	20	1040	20	1240
10	26	4	20	560	20	720	20	760	26	4	20	400	16	840
11	26	1	20	320	20	360	20	400	18	1	16	40	20	240
12	32	5	4	800	4	640	4	280	30	6	4	320	4	480
13	22	6	20	640	24	920	24	1040	24	7	24	720	24	1040
14	26	9	—	—	—	—	—	26	9	—	—	—	—	480
15	24	3	20	800	20	720	20	640	24	2	20	400	20	960
16	28	5	24	560	24	560	20	640	28	5	28	360	24	440
17	28	4	8	480	8	360	8	320	28	4	8	640	8	480
18	32	2	8	400	8	80	8	160	28	4	8	400	8	240
19	28	4	8	400	8	360	8	320	28	4	4	400	8	560
20	24	3	8	240	8	240	8	320	24	5	28	360	28	240
21	14	2	20	400	20	360	20	360	16	4	24	200	24	160
22	16	7	16	1120	16	1240	16	1320	16	7	12	1240	16	1360
23	10	2	12	560	16	600	16	600	10	1	20	480	20	480
24	4	4	4	480	4	400	4	400	4	2	4	360	4	280
25	2	1	—	0	—	0	28	80	—	0	—	0	28	120
26	12	2	12	320	12	240	12	240	12	3	16	240	16	200
27	14	3	20	640	20	600	20	560	16	4	20	800	20	1000
28	22	3	20	160	20	240	20	280	22	2	20	600	20	720
29	—	0	20	80	16	40	16	40	10	1	—	0	—	0
30	12	3	20	640	20	600	20	560	16	3	20	400	20	400

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	Tuul Wind 7 h			Vool 7 h Strom			Tuul Wind 13 h	Vool 13 h Strom			Tuul Wind 21 h	Vool 21 h Strom															
	0 m	10 m	20 m	0 m	10 m	20 m		0 m	10 m	20 m																	
Veebruar 1931.														J. Kaev.													
13	12	6	16	720	16	720	16	800	14	5	16	800	16	800	16	840	14	5	16	840	16	800	16	800			
23	16	2	20	560	20	640	20	760	14	1	20	560	20	560	20	640	12	1	20	520	20	520	20	560			
24	14	2	20	320	20	320	20	360	14	1	20	240	20	240	20	240	16	1	18	240	20	200	20	80			
25	18	3	20	320	20	360	20	400	18	4	20	560	20	640	20	720	18	6	20	840	20	960	20	1040			
26	18	2	20	720	20	960	20	1040	22	5	20	800	20	960	20	1080	26	6	24	1400	24	1600	24	1800			
27	30	6	32	320	32	360	4	400	32	3	4	320	4	360	4	480	32	3	4	320	32	120	32	120			
28	32	1	8	240	8	240	12	320	—	0	—	—	—	—	—	—	12	3	—	—	—	—	—	—			
April 1931.														A. Westerbusch.													
21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	20	60	20	60	20	40				
22	16	6	20	640	20	600	20	600	18	6	20	360	20	400	20	440	18	4	20	700	20	920	20	1040			
23	18	1	20	160	20	160	20	160	20	1	20	120	20	120	20	120	8	1	12	80	12	80	12	80			
24	4	1	—	0	—	0	—	0	4	1	4	400	4	400	4	360	32	1	20	80	20	120	20	160			
25	—	0	—	0	—	0	—	0	—	0	—	—	—	—	—	—	4	1	—	0	—	0	—	0			
26	8	1	—	0	—	0	—	0	8	1	—	0	—	0	—	40	4	1	8	120	8	120	8	120			
27	6	1	—	0	—	0	—	0	6	2	8	60	8	120	8	240	6	2	8	80	8	80	8	80			
28	10	0	16	160	16	160	16	160	24	1	8	80	8	80	8	80	26	1	4	120	4	120	4	40			
29	20	0	—	0	—	0	—	0	4	1	—	0	4	40	4	80	32	1	4	40	—	0	—	0			
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Mai 1931.														J. Kaev.													
1	4	2	8	80	8	80	8	80	6	1	—	0	—	0	—	0	4	1	12	80	12	80	8	120			
2	32	1	—	0	—	0	—	0	2	1	—	8	80	4	80	4	80	8	16	80	16	40	12	40			
3	12	1	16	240	16	160	16	160	12	1	8	120	8	120	8	80	—	0	0	—	0	16	80				
4	10	1	8	80	8	80	12	40	—	0	—	—	—	0	20	80	6	2	8	120	8	320	16	360			
5	4	2	8	120	8	120	8	120	4	2	8	120	8	120	8	120	4	1	—	0	—	0	—	0			
6	26	1	—	0	—	0	—	0	24	1	24	80	24	80	—	0	24	2	24	120	24	120	24	40			
7	26	1	—	0	—	0	—	0	28	1	—	0	—	0	—	0	—	0	4	120	4	160	4	160			
8	—	0	32	120	4	80	4	120	—	0	—	0	—	0	—	0	—	2	4	160	4	80	—	0			
9	28	3	4	200	4	200	4	280	30	4	4	160	4	200	4	240	28	4	32	200	24	160	24	200			
10	28	1	12	160	12	200	12	240	24	1	24	120	8	80	8	80	28	1	28	40	8	120	8	200			
11	24	1	—	0	18	120	18	120	20	1	20	40	18	120	18	160	16	2	20	440	20	600	20	640			
12	18	3	24	600	24	680	24	720	20	3	20	640	20	600	20	480	18	3	20	560	20	480	20	440			
13	20	2	20	320	20	400	20	360	20	2	20	280	20	320	20	320	20	1	20	200	20	240	20	240			
14	20	1	20	200	20	200	20	160	20	2	20	340	20	240	20	200	18	1	20	160	20	160	20	120			
15	16	1	20	320	20	320	20	360	20	1	20	320	20	320	20	320	20	0	20	160	20	160	20	160			
16	16	1	20	200	20	200	20	160	20	1	—	0	—	0	20	80	4	2	4	120	4	120	4	200			
17	—	0	—	0	—	0	—	0	—	0	20	320	20	280	20	240	—	0	20	240	20	240	20	240			
18	10	1	16	120	20	240	20	240	10	2	16	320	20	320	20	400	12	3	4	280	20	200	20	280			
19	18	1	20	80	20	160	20	320	20	1	20	40	20	80	20	320	—	0	4	40	—	0	12	40			
20	30	2	32	120	32	80	—	0	30	3	32	160	32	120	4	120	30	3	4	120	4	280	4	320			
21	2	3	4	320	4	360	8	480	2	3	8	400	8	280	4	160	6	4	8	480	8	360	8	240			
22	4	6	8	600	8	720	8	800	4	7	8	160	8	240	8	320	4	6	4	200	4	200	4	280			
23	6	3	—	0	20	80	24	120	6	3	20	120	20	120	20	80	6	2	—	0	—	0	—	0			
24	24	1	—	0	—	0	—	0	22	1	20	160	20	160	20	80	20	1	—	0	—	0	—	0			
25	20	1	8	80	8	40	8	40	20	1	—	0	8	40	8	40	16	1	24	80	24	120	24	120			
26	20	1	24	120	24	200	24	240	22	1	20	80	20	120	20	160	—	0	—	0	—	0	20	80			
27	20	1	24	200	24	120	—	0	24	1	24	280	24	200	24	80	24	1	—	0	—	0	—	0			
28	32	1	4	120	4	200	4	240	—	0	4	80	4	120	4	160	—	0	—	0	—	0	—	0			
29	—	0	—	0	—	0	—	0	32	1	4	80	—	0	—	0	—	0	—	0	—	0	—	0			
30	4	3	4	240	4	240	4	240	4	3	4	640	4	560	4	480	4	3	4	280	4	240	4	240			
31	6	3	4	320	4	320	4	360	6	4	4	360	4	280	4	320	6	4	4	120	—	0	—	0			

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Tuul Wind				Vool 7h Strom				Tuul Wind				Vool 13h Strom				Tuul Wind				Vool 21h Strom																			
7h				0 m 10 m 20 m				13h				0 m 10 m 20 m				21h				0 m 10 m 20 m																			
Juuni 1931.																				J. Kaev.																			
1	8	1	20	80	20	120	20	120	10	1	20	120	20	200	20	240	12	1	20	240	20	320	20	360															
2	20	2	20	320	20	360	20	400	20	2	20	400	20	400	20	480	22	2	20	720	20	800	20	1000															
3	20	5	20	1200	20	1000	20	1000	20	6	20	1160	20	1040	20	960	20	6	20	1240	20	1200	20	1200															
4	26	4	20	720	20	760	20	800	26	3	24	400	20	600	20	640	40	0	20	440	20	600	20	600															
5	28	2	20	280	20	400	20	400	26	5	28	320	28	480	28	640	26	5	24	640	24	480	24	400															
6	28	5	28	560	32	480	4	480	26	6	28	240	32	400	32	480	28	4	8	400	8	400	8	320															
7	22	1	24	360	28	240	28	240	22	1	28	240	28	240	28	320	26	1	4	240	4	240	32	240															
8	32	1	8	160	8	160	8	200	32	1	8	120	8	160	8	160	4	1	8	240	8	360	8	400															
9	12	2	4	200	8	240	8	240	4	1	4	120	28	120	4	120	32	1	8	240	8	280	8	320															
10	2	1	8	240	8	320	8	320	30	1	8	240	8	280	8	320	22	1	24	160	24	80	24	40															
11	18	2	20	40	20	120	20	120	20	1	20	80	20	160	20	160	8	1	16	240	16	240	16	240															
12	—	0	20	320	20	240	20	240	24	1	20	240	20	240	20	240	28	1	16	0	0	—	0	0															
13	—	0	—	0	—	0	—	0	—	0	16	80	20	80	20	80	—	0	16	160	16	160	16	240															
14	28	1	—	0	4	40	4	40	26	2	28	120	—	0	—	0	24	2	0	16	0	120	8	200															
15	22	1	20	120	—	0	8	40	20	2	20	400	20	320	20	240	14	1	20	320	20	240	20	240															
16	30	1	24	160	20	200	20	240	26	3	24	200	24	280	20	280	24	1	20	120	20	240	20	240															
17	24	2	20	280	20	360	20	400	22	3	20	320	20	360	20	360	24	2	20	320	20	280	20	320															
18	16	1	20	400	20	400	20	360	18	1	20	320	20	320	20	320	—	0	20	720	20	800	20	840															
19	26	1	20	440	20	600	20	560	20	4	20	640	20	680	20	720	20	4	20	600	20	640	20	640															
20	20	2	20	840	20	760	20	720	20	2	20	600	20	520	20	600	18	3	4	640	20	720	20	800															
21	20	2	20	520	20	560	20	560	22	3	20	480	20	480	20	520	20	5	20	720	20	640	20	600															
22	20	4	20	960	20	920	20	840	20	4	20	1120	20	1200	20	1200	20	6	20	1240	20	1080	20	1040															
23	22	6	20	1280	20	1400	20	1600	20	6	20	1360	20	1480	20	1560	22	3	20	840	20	920	20	1040															
24	30	1	20	360	20	400	20	360	28	3	20	320	20	360	20	320	28	4	20	200	20	360	20	400															
25	22	2	20	200	20	80	20	200	22	2	28	120	28	80	4	240	22	1	28	320	28	200	4	560															
26	32	2	8	400	8	400	4	320	30	2	8	320	8	360	4	480	22	3	32	240	32	240	28	160															
27	20	2	32	80	28	80	28	120	22	5	24	80	—	0	—	0	22	3	20	320	20	200	24	160															
28	22	3	20	680	20	560	20	520	22	3	20	800	20	720	20	560	26	3	—	0	8	80	8	120															
29	20	3	20	240	20	240	20	320	20	5	20	600	20	560	20	440	20	4	20	560	20	600	20	600															
30	26	1	20	320	20	480	20	880	22	2	16	400	20	400	24	400	22	2	—	0	20	40	20	80															
31																																							
Juuli 1931.																				J. Kaev.																			
1	8	1	20	320	20	320	20	320	4	1	—	0	20	120	20	200	—	0	24	120	24	200	20	240															
2	—	0	20	120	20	160	20	160	22	1	20	240	20	240	20	240	20	1	20	160	20	160	20	240															
3	16	1	20	480	20	480	20	480	16	2	20	360	20	440	20	440	12	1	20	240	20	240	20	160															
4	10	1	20	200	20	200	20	160	—	0	20	80	20	120	20	120	6	1	—	0	—	0	20	40															
5	8	1	20	240	20	140	20	160	6	2	16	200	16	200	16	160	6	2	20	320	20	320	20	240															
6	6	2	20	200	20	280	20	280	4	1	—	0	—	0	4	80	4	1	4	120	4	200	4	120															
7	6	2	4	240	4	200	4	200	12	1	16	360	16	240	16	120	16	1	20	80	—	0	—	0															
8	12	2	20	320	20	320	20	160	12	2	20	400	20	320	20	200	12	1	16	440	16	360	20	280															
9	16	4	16	360	16	360	20	320	14	5	20	800	20	640	20	560	18	6	20	840	20	760	20	640															
10	18	6	20	920	20	840	20	840	18	6	20	1000	20	1200	20	1480	18	5	20	1200	20	1280	20	1400															
11	20	4	20	1080	20	1200	20	1320	20	2	20	480	20	560	20	760	20	1	20	320	20	400	20	480															
12	20	1	20	320	20	360	20	400	24	1	20	200	20	240	20	240	24	1	—	0	—	0	—	0															
13	20	1	20	200	20	160	20	160	20	1	20	280	20	200	20	200	22	1	—	0	—	0	—	80															
14	14	1	16	360	16	320	16	320	—	0	26	200	20	120	16	80	6	1	16	240	16	200	16	280															
15	6	2	20	240	20	320	20	320	10	2	20	200	20	160	20	160	10	1	—	0	—	0	—	0															
16	12	2	16	160	16	240	20	480	10	2	20	240	20	280	20	320	18	3	20	1120	20	1040	20	1040															
17	18	3	20	1120	16	1160	20	1280	16	2	20	960	20	1080	20	320	20	4	20	840	20	960	20	960															
18	18	3	20	1040	20	1040	20	960	18	2	20	920	20	920	20	920	18	3	20	800	20	800	20	880															
19	14	1	20	800	20	800	20	840	14	2	20	640	20	640	20	480	20	1	20	400	20	400	20	440															
20	20	5	20	1200	20	1160	20	1040	20	5	20	1440	20	1360	20	1280	20	3	20	640	20	680	20	760															
21	6	1	16	480	16	480	20	400	4	1	16	320	16	320	16	280	24	1	16	160	16	200	16	240															
22	22	1	20	320	20	240	20	240	20	1	20	480	20	520	20	640	20	3	20	1040	20	1080	20	1120															
23	20	3	20	800	20	880	20	920	20	5	20	960	20	1040	20	1040	20	4	20	760	20	800	20	840															
24	20	2	20	800	20	800	20	960	20	3	20	680	20	680	20	720	20	2	20	560	20	560	20	640															
25	18	0	20	720	20	240	20	880	18	0	20	560	16	720	20	720	4	1	12	720	16	440	20	400															
26	10	1	20	240	20	120	20	200	6	1	12	240	12	240	12	240	8	1	12	360	12	200	—	0															
27	12	1	8	320	4	200	—	0	20	1	12	200	12	160	12	120	20	1	16	240	12	200	12	240															
28	16	1	20	160	20	880	20	200	16	0	16	120	—	0	—	0	14	1	16	40	—	0	—	0															
29	32	1	—	0	—	0	—	0	4	1	8	320	8	160	8	160	24	1	—	0	—	0	—	80															
30	28	1	4	240	4	200	4	160	28	1	4	240	8	360	8	360	24	1	4	320	8	400	8	400															
31	28	1	4	160	4	120	4	120	24	1	4	160	4	160	4	160	—	0	4	160	4	160	4	120															

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	Tuul Wind 7h	Vool 7h Strom			Tuul Wind 13h	Vool 13h Strom			Tuul Wind 21h	Vool 21h Strom				
		0 m	10 m	20 m		0 m	10 m	20 m		0 m	10 m	20 m		
August 1931.														
J. Kaev, K. Tiismann.														
1	20	0	4	80	—	0	—	0	—	0	12	120	12	160
2	—	0	—	—	0	—	—	—	0	—	—	—	—	—
3	30	3	4	520	8	360	30	2	8	320	8	400	8	460
4	24	1	8	440	8	800	8	320	22	2	4	400	8	520
5	28	3	4	880	16	800	8	560	28	4	8	960	8	800
6	22	1	24	80	—	0	—	0	24	2	12	180	12	120
7	14	2	24	300	24	420	24	420	14	2	16	300	16	240
8	20	5	24	720	24	1440	24	1560	20	5	20	1140	20	1860
9	22	5	24	1380	24	1080	24	1320	22	4	24	660	24	1440
10	22	4	20	840	20	1080	20	1200	20	5	20	1480	20	1080
11	22	4	24	840	24	960	24	1200	22	2	24	300	24	420
12	20	1	24	540	24	480	20	540	20	1	24	360	24	120
13	12	1	—	0	—	0	—	0	4	1	20	240	—	0
14	24	1	28	300	24	360	24	180	22	1	26	240	24	0
15	30	1	30	120	4	120	4	240	8	1	24	240	24	300
16	16	1	—	0	—	0	—	0	22	2	24	300	28	300
17	12	1	4	60	4	60	32	120	8	1	—	0	—	0
18	14	1	20	60	—	0	—	0	20	1	24	240	24	120
19	16	2	—	0	24	120	24	120	18	1	20	540	20	180
20	20	1	—	0	—	0	—	0	20	1	24	360	24	120
21	12	3	12	1080	12	540	12	660	20	4	24	840	24	720
22	28	1	24	120	24	300	24	300	4	1	24	60	24	28
23	20	7	24	1440	24	1560	24	1920	20	7	20	1140	20	900
24	20	4	20	1140	20	1260	20	1560	20	5	20	960	20	1680
25	20	3	20	720	20	600	20	600	22	3	24	720	20	24
26	12	1	—	0	16	60	20	120	4	1	—	0	—	420
27	32	6	4	240	8	720	8	1200	32	7	4	1440	8	1680
28	4	6	4	1320	4	1920	4	1860	4	6	4	1920	4	1200
29	6	2	12	1200	12	960	12	1320	6	2	8	540	12	720
30	32	4	8	960	8	1080	8	740	2	5	8	1380	8	2280
31	32	3	8	1200	8	1320	8	1620	30	3	8	1200	8	300
September 1931.														
K. Tiismann, J. Kaev.														
1	24	5	24	300	—	0	—	0	22	6	24	720	24	420
2	24	1	24	600	24	900	24	1500	22	3	24	900	24	1080
3	18	2	24	720	20	720	24	480	16	4	20	900	20	1080
4	18	4	20	900	20	720	20	720	24	3	24	1080	24	600
5	4	1	4	300	4	300	4	300	4	3	4	840	4	1020
6	22	1	24	960	24	900	24	780	22	1	20	420	24	900
7	28	6	20	720	20	600	20	720	28	8	28	840	4	1080
8	32	4	8	240	8	420	8	660	32	5	8	600	8	960
9	22	3	20	540	20	120	20	720	22	4	24	780	20	780
10	24	2	24	1200	24	1080	24	1200	24	3	24	600	24	1620
11	24	7	24	720	20	720	20	960	24	4	24	320	20	80
12	14	2	20	280	20	280	20	240	12	2	20	280	20	200
13	4	4	28	160	24	120	24	120	2	4	4	240	4	240
14	30	6	32	320	4	200	4	160	30	5	32	280	4	240
15	30	5	4	480	4	600	8	680	28	4	4	360	8	320
16	28	3	8	200	8	240	8	240	28	3	32	160	4	80
17	22	1	20	120	20	80	—	0	—	0	20	240	20	320
18	4	1	20	240	20	240	20	200	2	1	20	160	20	200
19	8	1	20	120	20	80	20	80	18	1	20	240	20	240
20	26	4	32	200	32	120	—	0	26	4	32	240	32	240
21	32	6	32	600	4	560	8	480	32	6	4	1040	8	1160
22	2	3	8	800	8	1080	16	1120	2	2	8	960	8	960
23	2	2	8	920	8	960	8	1000	2	2	8	840	8	16
24	20	1	—	0	—	0	—	0	20	1	—	0	—	0
25	30	4	12	120	12	120	12	80	30	6	8	600	8	1560
26	32	7	8	1440	8	1440	8	1440	32	6	8	1200	8	1480
27	32	4	8	800	8	960	8	1040	30	2	8	720	8	360
28	16	2	4	120	—	0	—	0	18	3	24	480	24	160
29	30	2	8	320	8	240	12	200	2	2	8	400	12	160
30	32	2	8	240	8	320	8	320	32	1	4	360	8	160

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	Tuul Wind 7 h			Vool 7 h Strom			Tuul Wind 13 h	Vool 13 h Strom			Tuul Wind 21 h	Vool 21 h Strom					
	0 m	10 m	20 m	0 m	10 m	20 m		0 m	10 m	20 m		0 m	10 m	20 m			
Oktoober 1931.																	
J. Kaev.																	
1	16	2	4	160	—	0	—	0	18	1	4	80	—	0	—		
2	20	4	20	80	20	80	20	120	18	4	20	200	8	80	240		
3	22	5	20	880	20	1040	20	1160	24	5	20	800	20	1080	20		
4	28	6	8	560	8	320	8	200	28	7	4	800	8	1000	8		
5	20	1	8	640	8	680	8	720	20	3	12	320	12	320	12		
6	24	1	28	120	28	40	8	80	26	3	28	160	28	120	28		
7	20	1	20	240	20	240	20	320	18	3	20	560	20	680	20		
8	14	3	20	640	20	720	20	720	20	4	20	1200	20	1200	20		
9	22	2	24	960	24	1040	20	1200	22	4	24	880	24	960	20		
10	22	4	20	720	20	840	20	960	22	5	20	840	20	840	20		
11	24	1	24	240	24	320	24	320	24	2	24	720	24	720	22		
12	24	2	24	640	24	720	24	720	24	2	24	160	24	160	24		
13	20	2	—	0	—	0	—	0	20	5	20	280	20	280	20		
14	20	2	20	600	24	560	24	560	26	2	24	560	24	560	32		
15	32	6	4	1120	8	1120	8	1000	28	4	4	400	8	360	8		
16	26	2	8	240	8	320	8	320	26	3	8	200	8	200	8		
17	22	3	20	160	20	120	20	120	24	3	24	200	28	160	32		
18	28	5	8	200	8	240	8	240	30	5	4	320	8	520	8		
19	22	5	8	80	8	120	8	160	22	7	24	520	24	400	24		
20	22	5	20	960	20	1040	20	1160	20	6	20	800	20	1000	20		
21	26	4	8	120	8	160	8	160	28	4	8	80	8	200	8		
22	28	4	4	440	8	560	8	720	30	5	4	520	8	560	8		
23	20	6	20	800	20	760	20	640	24	5	20	440	20	360	20		
24	12	1	20	240	20	240	20	240	10	2	20	80	—	0	—		
25	4	5	8	640	12	560	12	640	4	5	8	280	16	400	16		
26	30	3	8	120	8	120	8	160	32	3	8	200	8	160	8		
27	28	1	4	160	8	80	8	120	24	3	20	80	20	80	22		
28	18	6	20	1120	20	1200	20	1200	16	6	20	400	20	480	20		
29	14	1	20	480	20	480	20	520	14	1	20	400	20	480	20		
30	26	1	20	160	20	320	20	320	30	1	20	240	20	320	20		
31	30	5	32	320	4	200	4	160	30	6	32	320	4	360	4		
November 1931.																	
J. Kaev.																	
1	32	4	4	320	4	200	4	200	32	4	8	400	8	480	8		
2	20	3	20	360	20	440	20	560	20	4	20	720	20	800	20		
3	22	2	20	720	20	800	20	840	22	3	20	560	20	640	20		
4	20	5	20	920	20	1000	20	1000	20	6	20	880	20	1280	20		
5	20	5	20	1200	20	1280	20	1280	22	5	20	720	20	880	20		
6	20	1	20	480	20	480	20	560	—	0	20	280	20	320	20		
7	8	2	20	120	20	160	20	200	8	2	20	120	20	160	20		
8	16	4	20	320	20	240	20	240	16	3	20	400	20	280	20		
9	16	4	20	360	20	440	20	480	16	3	20	440	20	400	20		
10	14	3	16	320	20	360	20	400	14	4	16	400	20	400	20		
11	14	3	20	160	20	200	20	240	12	2	16	200	16	200	16		
12	18	1	20	160	20	160	20	160	16	1	16	40	—	0	—		
13	12	1	—	0	—	0	—	0	12	1	—	0	—	0	—		
14	8	1	8	160	4	200	4	200	8	1	8	200	8	200	4		
15	4	4	4	760	4	760	4	800	4	5	4	800	4	880	4		
16	2	5	4	400	4	400	4	440	2	5	4	400	4	400	4		
17	6	6	8	480	8	440	8	360	8	5	8	400	8	360	8		
18	10	2	12	240	12	240	12	120	10	3	12	280	12	240	12		
19	10	1	12	200	8	240	8	320	10	1	8	120	8	160	10		
20	16	2	16	320	16	320	16	360	16	2	16	360	16	360	16		
21	14	3	16	440	20	440	16	520	14	3	16	360	16	360	16		
22	16	1	20	240	20	240	20	240	16	1	16	320	20	280	20		
23	14	2	16	240	20	200	20	200	12	2	16	160	16	120	12		
24	16	2	16	400	16	400	16	480	16	4	16	440	20	600	20		
25	14	3	16	320	20	280	20	280	16	2	20	360	20	320	20		
26	14	2	20	240	20	280	20	280	14	2	20	360	20	400	20		
27	10	4	12	280	20	200	8	120	12	4	8	640	8	560	12		
28	10	3	8	560	16	480	16	480	12	4	12	360	12	320	12		
29	16	2	16	240	16	160	20	120	14	2	20	360	20	360	20		
30	24	3	20	200	20	320	20	400	26	2	20	200	16	240	16		

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	Tuul Wind			Vool 7h Strom			Tuul Wind	Vool 13h Strom			Tuul Wind	Vool 21h Strom		
	7h	0 m	10 m	20 m	13h	0 m		10 m	20 m	21h		0 m	10 m	20 m
Detsember 1931.														
K. Tiismann, J. Kaev.														
1	10	4	—	—	—	—	10	4	12	540	12	540	12	240
2	16	4	20	780	16	300	16	180	16	3	20	420	20	360
3	22	5	20	240	20	540	20	840	22	5	20	1200	22	1080
4	18	6	20	360	20	600	20	960	18	6	20	360	20	600
5	16	5	16	360	20	540	20	960	16	5	20	840	20	1020
6	16	3	16	360	20	480	20	660	16	2	20	360	20	420
7	22	6	24	540	24	660	24	960	22	7	24	1500	24	1500
8	32	8	32	540	32	600	32	600	32	4	8	420	8	420
9	24	3	—	0	—	0	—	0	24	3	24	780	24	360
10	32	2	8	600	8	60	8	600	24	1	—	0	—	0
11	4	4	4	480	4	960	4	360	6	3	12	540	8	360
12	4	7	20	420	20	540	20	720	22	7	20	1020	20	1200
13	26	3	24	300	24	300	24	360	26	7	16	360	16	540
14	32	7	32	600	4	600	4	600	30	2	32	120	4	360
15	20	4	20	660	20	960	20	900	22	3	24	600	24	780
16	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	2	5	—	—	—	—	—	—	2	6	4	240	4	320
18	32	2	8	160	8	120	8	120	30	2	8	160	8	160
19	30	2	8	120	8	120	8	120	28	3	32	200	4	160
20	30	4	8	200	8	240	8	240	30	3	8	240	8	280
21	30	4	4	320	4	320	4	360	30	4	4	400	4	440
22	24	3	24	400	24	280	24	240	24	2	24	160	24	240
23	26	3	4	320	4	320	4	280	26	2	4	160	4	120
24	26	3	4	80	—	0	—	0	24	1	4	80	4	40
25	22	6	20	1040	20	1080	20	1280	24	6	20	1240	20	1360
26	28	9	—	—	—	—	—	—	26	8	—	—	—	—
27	20	3	12	480	12	480	12	620	12	4	24	440	24	640
28	14	1	16	240	20	320	20	400	12	3	20	400	20	400
29	30	5	8	160	8	160	8	240	30	4	20	520	20	520
30	32	1	4	240	4	160	4	200	30	2	4	360	4	200
31	—	0	8	160	8	160	8	160	20	1	8	160	8	200
Jaauuar 1932.														
J. Kaev.														
1	30	1	20	200	20	200	20	240	24	1	20	240	20	280
2	18	9	20	1200	20	1160	20	1120	20	8	20	1240	20	1320
3	28	7	24	760	24	760	24	800	28	7	28	640	24	400
4	30	7	4	360	4	1080	4	1080	30	6	4	920	4	1000
5	20	3	24	1040	24	1120	24	1160	14	4	20	600	20	800
6	14	1	20	640	20	680	20	720	16	3	20	600	20	600
7	14	4	16	400	20	240	20	240	18	5	24	320	24	120
8	22	4	20	400	20	400	20	400	22	5	20	800	20	1000
9	28	3	28	200	20	320	20	360	26	3	28	240	28	400
10	26	1	4	240	4	240	4	160	24	3	4	80	4	120
11	16	5	16	200	20	280	20	320	16	6	16	320	16	800
12	16	5	16	480	16	480	16	520	16	4	16	720	20	760
13	16	4	20	560	20	640	20	680	20	2	20	600	20	800
14	16	5	16	640	16	640	16	720	18	4	20	840	20	920
15	24	4	20	560	20	600	20	640	22	2	24	600	20	720
16	24	4	20	640	20	640	20	680	22	3	20	640	20	680
17	20	4	20	320	20	560	20	560	18	4	20	240	20	400
18	18	2	20	720	20	720	20	720	20	3	20	960	20	1000
19	22	4	20	400	20	320	20	320	20	4	20	800	20	880
20	22	6	20	640	20	640	20	680	24	4	24	400	20	440
21	18	1	20	200	20	160	20	160	18	2	20	280	20	200
22	20	5	20	800	20	800	20	920	22	6	20	880	20	920
23	22	1	20	240	20	240	20	200	22	2	20	120	20	80
24	20	1	20	160	20	160	20	240	22	2	24	240	24	240
25	22	5	20	920	20	800	20	760	22	6	20	1200	20	1000
26	24	4	20	720	20	720	20	760	26	5	20	400	20	440
27	24	1	—	0	—	0	—	0	22	2	24	200	24	240
28	24	4	24	640	24	720	20	720	26	4	24	560	24	720
29	22	5	24	720	24	760	24	760	24	6	24	800	24	800
30	26	7	24	1200	24	1240	24	1280	28	9	24	640	24	680
31	32	5	8	680	8	720	8	720	28	2	8	760	8	800

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	Tuul Wind			Vool 7 h Strom			Tuul Wind	Vool 13 h Strom			Tuul Wind	Vool 21 h Strom							
	7 h			0 m	10 m	20 m		0 m	10 m	20 m		0 m	10 m	20 m					
Veebruar 1932.																			
J. Kaev.																			
1	26	9	—	—	—	—	28	8	—	—	30	8	—	—					
2	32	6	4	560	4	640	32	3	4	600	18	2	6	960					
3	4	4	4	400	4	400	28	1	4	320	20	5	24	920					
4	30	5	8	640	8	680	30	7	32	800	32	8	32	800					
5	4	6	4	560	4	560	2	5	4	600	2	1	4	560					
6	22	5	20	800	20	760	24	4	20	400	28	4	—	0					
7	32	2	20	240	20	240	32	2	4	320	2	1	4	440					
8	8	5	8	400	8	400	8	5	8	360	4	6	8	360					
9	4	5	4	1280	4	1280	4	5	4	1120	4	6	8	880					
10	2	2	—	0	8	80	2	2	8	320	28	2	8	280					
11	30	3	8	1200	8	1200	32	4	8	1200	32	6	8	1280					
12	2	5	8	1160	8	1120	2	4	8	800	—	0	8	400					
13	10	3	12	800	12	800	12	1	16	720	26	1	20	360					
14	12	2	—	0	0	20	16	1	20	200	16	3	16	120					
Aprill 1932.																			
J. Kaev.																			
12	16	3	20	640	20	720	16	2	20	200	20	4	1	20					
13	14	1	16	240	20	280	16	1	20	640	28	2	24	160					
14	24	1	24	320	24	400	18	1	20	240	20	2	24	80					
15	—	0	20	240	20	240	2	1	—	0	20	2	1	—					
16	4	3	4	320	4	240	4	3	4	240	—	0	4	120					
17	—	0	20	200	20	280	—	0	20	80	—	0	—	0					
18	20	1	20	160	20	120	20	1	20	200	28	1	—	0					
19	26	1	24	160	24	80	24	1	—	0	28	1	—	0					
20	30	1	32	80	4	120	—	0	—	0	—	0	—	0					
21	16	1	—	0	—	0	—	0	—	0	14	1	—	0					
22	18	2	20	160	20	120	16	2	20	240	16	2	20	200					
23	16	1	16	120	20	160	14	1	16	160	14	1	16	240					
24	20	0	16	80	16	120	—	0	20	120	30	0	—	0					
25	30	1	24	80	24	80	—	0	8	120	6	1	8	160					
26	10	1	12	120	12	160	1	20	160	20	22	1	20	80					
27	—	0	—	0	—	0	18	1	24	120	20	1	8	160					
28	12	1	16	80	16	120	18	2	20	160	16	1	20	240					
29	16	2	20	640	16	640	18	3	20	640	28	1	24	320					
30	32	1	24	400	24	400	32	1	24	360	32	1	4	320					
Mai 1932.																			
J. Kaev.																			
1	4	1	16	80	16	80	6	1	20	40	4	1	24	80					
2	32	1	—	0	—	0	—	0	4	80	0	32	1	—					
3	4	3	32	640	32	640	4	4	320	4	2	1	8	120					
4	4	1	8	400	8	360	2	1	4	160	4	1	8	240					
5	2	4	8	640	8	640	4	4	8	560	32	1	24	320					
6	—	0	4	80	4	80	—	0	4	40	0	16	1	4					
7	10	1	20	240	20	280	8	3	24	120	4	1	20	360					
8	30	2	20	480	20	360	30	3	24	160	30	3	32	240					
9	30	2	4	480	4	480	30	2	8	80	30	3	8	80					
10	32	3	4	560	4	520	32	1	4	280	30	3	12	240					
11	28	6	32	800	32	800	28	5	28	480	22	2	12	320					
12	20	3	20	800	20	840	20	3	20	760	18	2	20	480					
13	18	1	20	360	20	480	20	1	20	160	—	0	20	120					
14	14	2	12	80	16	160	18	3	16	120	18	2	20	280					
15	26	1	20	560	20	560	32	1	20	200	2	1	20	80					
16	2	1	28	80	—	0	4	1	16	40	2	1	8	40					
17	30	0	8	120	8	80	—	0	—	0	—	0	—	0					
18	—	0	—	0	—	0	—	0	—	0	—	0	—	0					
19	20	3	20	240	20	200	20	3	20	160	20	3	20	200					
20	24	2	24	120	24	160	22	1	20	400	20	2	20	560					
21	22	2	24	200	20	320	22	2	24	240	22	1	4	160					
22	4	1	—	0	—	0	8	1	8	120	0	6	4	240					
23	6	3	8	360	8	400	10	1	20	560	18	2	20	640					
24	16	1	20	280	20	320	20	1	20	160	—	0	20	80					
25	4	2	4	120	4	80	4	3	4	200	4	3	4	920					
26	4	5	4	1280	4	1080	6	6	4	1360	6	4	4	1200					
27	6	4	4	640	4	600	6	6	8	960	6	5	4	520					
28	6	3	20	240	20	160	6	3	20	200	4	1	20	120					
29	30	1	20	80	20	80	32	0	—	0	—	0	—	0					
30	—	0	—	0	—	0	—	0	8	160	—	0	8	240					
31	—	0	—	0	—	0	2	1	8	120	30	1	—	0					

Tulelaev „Hiimadal“

Das Leuchtschiff „Hiimadal“

	Tuul Wind 7 h	Vool 7 h Strom			Tuul Wind 13 h	Vool 13 h Strom			Tuul Wind 21 h	Vool 21 h Strom					
		0 m	10 m	20 m		0 m	10 m	20 m		0 m	10 m	20 m			
Juuni 1932.															
J. Kaev.															
1	2	4	4	320	4	280	8	240	2	3	8	720			
2	2	2	—	0	24	40	20	40	—	0	16	480			
3	20	2	20	960	20	880	20	880	30	1	24	240			
4	20	3	20	640	20	560	20	480	20	2	20	480			
5	24	3	24	560	24	560	20	560	22	3	24	640			
6	26	1	20	160	20	160	20	240	26	1	32	80			
7	20	1	24	240	16	240	16	160	20	2	24	400			
8	16	3	20	640	20	680	20	720	18	2	20	560			
9	26	1	20	400	20	400	20	400	28	5	24	360			
10	24	1	20	400	20	320	20	160	24	1	20	120			
11	16	1	20	80	20	80	20	80	20	2	20	160			
12	14	1	20	40	—	0	—	0	18	1	—	0			
13	18	1	—	0	—	0	—	0	22	1	—	0			
14	32	2	8	160	8	120	8	80	30	2	8	480			
15	30	4	4	560	8	480	8	400	30	4	8	640			
16	32	4	8	1240	8	1200	8	1080	32	4	8	1200			
17	2	3	8	480	8	360	8	360	4	2	16	240			
18	8	1	20	560	20	520	20	520	—	0	—	0			
19	20	2	24	400	24	320	24	240	18	1	20	160			
20	—	0	4	80	4	80	4	120	6	1	16	160			
21	6	2	4	200	4	160	8	80	4	2	16	240			
22	2	1	4	160	4	60	8	40	4	1	12	320			
23	2	1	12	320	12	320	12	240	4	2	8	480			
24	4	1	8	400	8	320	8	240	4	3	4	800			
25	18	1	16	240	16	120	8	80	22	1	28	160			
26	18	1	24	320	20	360	20	480	18	2	24	560			
27	22	2	24	320	24	360	20	400	20	3	20	640			
28	22	2	24	400	24	400	24	480	22	3	20	640			
29	16	1	24	640	20	400	20	400	18	1	20	760			
30	28	3	28	240	32	280	32	280	28	3	—	0			
Juuli 1932.															
J. Kaev.															
1	32	1	—	0	32	80	32	120	4	1	8	320			
2	12	1	4	120	4	120	4	160	12	1	—	0			
3	14	1	20	80	—	0	—	0	12	1	20	160			
4	12	1	20	80	20	120	20	160	20	1	20	120			
5	24	1	20	120	20	80	20	80	22	1	20	240			
6	24	1	4	40	—	0	—	0	24	1	20	80			
7	8	1	4	160	4	120	8	120	8	1	12	240			
8	28	1	20	640	20	640	20	720	26	1	4	440			
9	24	1	20	480	20	480	20	440	22	3	24	560			
10	22	3	24	960	24	840	24	760	24	2	28	160			
11	30	3	8	240	8	240	8	320	28	3	8	280			
12	28	1	—	0	—	0	—	0	30	3	24	400			
13	28	1	24	80	—	0	—	0	30	3	4	480			
14	2	1	12	880	12	880	8	880	2	2	12	360			
15	6	2	8	480	8	480	8	560	4	2	8	360			
16	2	1	4	400	4	320	4	160	4	3	8	1040			
17	6	3	4	120	4	120	4	160	6	2	12	160			
18	10	1	20	240	20	280	20	400	20	1	28	160			
19	14	1	24	160	20	320	20	400	20	2	24	640			
20	28	2	28	560	24	480	24	480	28	3	4	120			
21	18	3	24	480	24	400	20	360	—	0	28	320			
22	10	1	16	320	16	320	12	320	—	0	20	240			
23	6	1	4	480	4	440	4	400	6	2	12	320			
24	6	1	8	160	8	200	8	200	4	1	8	80			
25	28	1	20	160	20	160	20	120	28	1	8	120			
26	12	1	12	80	—	0	—	0	32	1	24	80			
27	12	1	24	160	24	120	24	120	—	0	20	80			
28	16	1	4	200	4	200	4	240	20	1	20	240			
29	—	0	8	80	8	80	—	0	16	1	16	160			
30	20	4	20	480	20	520	20	560	20	4	20	720			
31	24	0	20	240	20	360	20	520	24	1	20	200			

Tulelaev „Hiiumadal“

Das Leuchtschiff „Hiiumadal“

	Tuul Wind 7 h	Vool 7 h Strom			Tuul Wind 13 h	Vool 13 h Strom			Tuul Wind 21 h	Vool 21 h Strom														
		0 m	10 m	20 m		0 m	10 m	20 m		0 m	10 m	20 m												
August 1932.																								
J. Kaev																								
1	18	3	20	480	20	440	20	400	14	2	20	640	20	680	20	720	18	3	20	960	20	1040	20	1200
2	18	1	20	800	20	960	20	1000	20	3	20	560	20	640	20	720	20	5	20	680	20	720	20	760
3	20	4	20	800	20	1040	20	1520	20	3	20	1920	20	1920	20	1920	20	1	20	920	20	1000	20	1160
4	6	2	—	—	—	—	—	—	12	3	24	60	24	600	24	480	30	2	28	540	28	600	24	60
5	28	3	28	360	32	120	24	240	28	1	24	480	24	120	20	240	24	0	—	0	—	0	16	120
6	32	1	—	0	8	60	—	0	32	1	8	120	8	240	4	120	32	2	32	480	32	360	4	720
7	32	3	8	420	8	540	8	660	32	2	8	540	8	600	8	720	32	2	8	1020	8	1080	8	1080
8	4	5	4	1680	8	2160	8	960	4	4	8	1200	8	630	8	1380	4	3	8	660	—	0	24	600
9	14	3	16	960	16	600	16	1080	8	2	12	480	16	720	12	600	10	1	16	600	20	840	16	1080
10	30	3	8	720	8	1080	32	1320	30	4	28	480	4	120	4	120	28	5	8	120	—	0	28	120
11	28	3	32	720	4	840	4	480	28	3	32	660	32	120	32	180	30	3	32	480	8	1260	8	1200
12	32	1	32	780	8	240	8	480	32	1	8	1080	8	1320	8	960	32	1	4	120	4	240	4	120
13	32	0	—	0	—	0	—	0	32	1	8	540	8	480	8	120	30	1	—	0	—	0	—	0
14	28	2	8	360	8	120	12	120	28	2	24	540	8	660	8	360	24	1	—	0	—	0	—	0
15	24	2	—	0	24	120	—	0	20	2	20	240	—	0	—	0	22	1	28	240	28	120	24	360
16	4	2	24	360	24	540	24	240	8	2	—	0	—	0	—	0	8	2	8	120	—	0	—	0
17	12	2	20	360	20	240	16	240	16	1	20	960	24	720	16	960	22	2	24	720	24	1080	24	1320
18	20	3	24	120	24	660	24	540	20	4	24	1440	20	1560	24	1320	20	4	24	1320	24	1080	24	1560
19	22	1	24	180	16	660	16	1200	22	2	24	600	24	720	20	1320	20	2	24	600	16	660	16	1140
20	16	1	24	480	24	720	24	600	20	1	24	720	24	720	24	1200	22	3	24	1320	24	1320	24	2400
21	20	2	24	1380	24	1260	24	1800	16	5	24	1680	24	1440	24	1320	26	7	28	360	28	480	28	720
22	28	1	32	300	32	420	32	540	32	1	32	120	4	360	—	0	4	2	4	360	8	360	8	240
23	8	1	8	660	8	1180	8	1260	32	2	4	600	8	480	8	720	28	2	4	600	4	420	4	540
24	30	6	32	240	—	0	8	1500	32	5	8	720	8	1320	8	840	32	5	4	1800	4	1320	4	1920
25	28	3	4	600	4	840	8	1080	28	3	8	1140	8	1260	8	1020	28	2	8	720	8	840	8	720
26	30	4	12	240	8	420	4	180	30	3	—	0	8	1080	8	840	30	3	8	480	8	840	8	1080
27	28	1	16	540	16	780	16	660	20	2	8	600	8	960	8	960	24	3	12	120	12	240	12	180
28	12	1	16	240	16	720	16	660	8	1	8	300	16	180	20	360	2	2	24	1020	24	660	24	420
29	32	4	8	600	8	720	8	720	2	4	8	660	8	780	4	540	32	2	4	840	4	1200	4	1320
30	32	1	4	960	4	960	4	1200	24	1	8	120	12	600	12	720	32	0	8	720	8	900	8	840
31	16	0	16	540	16	180	—	0	28	1	4	120	4	180	4	120	28	1	8	480	8	300	8	180
September 1932.																								
J. Kaev.																								
1	22	2	20	240	24	120	24	240	22	3	—	0	32	90	4	720	22	1	8	180	8	120	—	0
2	20	3	24	240	28	240	—	0	18	3	20	1080	20	900	20	900	20	5	24	1380	24	1080	24	1560
3	18	6	24	1380	24	2460	24	2580	20	5	24	960	24	900	24	1140	22	4	24	1200	24	1320	24	1560
4	22	7	24	720	24	1200	24	960	22	7	24	1020	24	1260	24	1380	22	8	24	1200	24	1920	24	1920
5	24	5	24	1200	24	1080	24	1080	24	5	24	1080	24	1200	24	1080	24	6	24	1260	24	1380	24	1740
6	24	2	24	1260	24	840	24	1020	24	3	24	660	24	720	24	960	22	4	24	840	24	1080	24	960
7	16	3	20	840	20	960	20	720	16	4	24	1140	24	1440	24	1860	18	7	24	480	24	480	24	780
8	20	3	20	880	20	840	20	720	20	3	24	960	24	960	20	1120	22	3	20	640	20	680	20	720
9	20	2	12	480	20	560	20	720	20	1	20	480	20	240	20	440	—	0	—	0	—	0	20	80
10	12	3	12	400	12	400	12	400	12	2	16	720	16	480	12	560	20	2	16	800	16	880	20	960
11	18	2	20	400	16	640	16	960	16	3	24	1840	20	1280	20	1040	20	6	20	1680	20	1640	20	1600
12	26	5	24	720	20	840	20	1120	24	5	20	880	20	880	20	800	24	6	24	960	24	720	24	1120
13	26	6	24	880	24	1040	20	1680	28	6	24	960	20	1120	20	1280	28	6	28	560	24	680	24	720
14	28	5	4	560	4	560	4	640	28	6	4	1040	4	880	4	720	30	7	28	640	32	800	32	960
15	30	1	32	320	4	640	4	960	28	2	32	160	32	240	32	400	20	5	32	120	32	120	32	80
16	30	4	28	240	24	280	20	320	26	3	28	400	28	320	32	720	26	3	24	400	24	480	28	560
17	24	2	4	720	4	560	4	480	24	3	24	480	28	640	28	880	30	2	20	260	20	240	20	240
18	12	2	16	240	12	240	12	240	12	2	12	280	12	320	12	320	12	4	12	320	12	480	12	720
19	22	2	24	200	24	240	24	320	22	4	24	1040	24	960	24	840	20	3	20	880	20	800	20	800
20	22	4	24	240	24	400	20	560	22	4	24	1040	24	1200	24	1520	22	5	20	960	20	880	24	960
21	22	4	28	440	24	200	24	240	20	5	20	720	20	760	20	800	28	1	24	760	24	840	24	840
22	28	6	4	320	4	400	4	400	28	6	28	400	28	240	28	320	28	5	20	1360	20	880	20	560
23	20	5	8	160	8	200	8	120	20	5	20	960	20	920	20	760	16	6	20	1120	20	1080	20	1080
24	28	5	28	280	24	200	24	80	24	3	24	720	24	560	24	400	24	3	28	960	28	560	28	320
25	18	1	—	0	—	0	12	120	16	2	16	480	12	320	12	240	12	3	12	240	20	280	20	280
26	22	2	20	320	20	400	20	400	20	3	24	560	20	640	20	960	18	3	20	960	24	1040	24	1200
27	16	3	20	400	20	440	20	600	18	5	20	960	20	840	20	760	24	1	20	640	20	560	20	560
28	28	1	20	320	20	560	20	440	24	2	24	960	24	440	20	560	24	6	24	400	24	640	24	720
29	22	6	24	720	24	800	24	880	22	5	24	960	24	960	20	1040	24	4	20	1520	20	1280	24	1600
30	4	1	28	160	24	240	24	240	8	1	20	560	12	400	12	240	20	3	20	400	24	400	24	400

Tulelaev „Hiimadal“

Das Leuchtschiff „Hiimadal“

	Tuul Wind	Vool 7 h Strom			Tuul Wind	Vool 13 h Strom			Tuul Wind	Vool 21 h Strom			
		0 m	10 m	20 m		0 m	10 m	20 m		0 m	10 m	20 m	
Oktoober 1932.													
J. Kaev.													
1	16	4	20	400	20	480	20	640	22	7	20	1040	20
2	18	6	20	960	20	1040	20	1120	28	4	24	1200	24
3	26	3	24	640	24	600	24	520	26	3	32	400	32
4	28	3	32	320	32	640	32	1360	26	4	28	400	32
5	16	4	16	240	20	400	20	480	16	4	20	800	20
6	30	5	32	800	32	880	32	1040	28	5	32	320	32
7	16	2	20	480	20	480	20	520	16	4	20	1200	20
8	18	2	16	320	16	480	16	640	16	3	16	960	12
9	12	4	12	440	20	360	20	320	10	6	8	840	10
10	10	6	8	800	12	1000	16	1000	10	6	12	960	10
11	16	3	20	440	20	400	20	320	14	2	20	400	14
12	20	1	28	280	32	160	32	120	22	1	16	640	16
13	20	2	24	400	24	400	24	400	22	3	24	480	20
14	14	4	16	360	16	80	—	0	14	4	16	880	16
15	14	3	16	400	20	600	20	720	16	3	20	520	18
16	20	3	20	400	20	520	20	560	20	3	20	960	20
17	20	3	20	600	20	800	20	860	20	3	20	480	20
18	22	1	20	280	20	320	20	400	24	1	20	360	20
19	8	1	20	160	12	160	12	240	6	1	12	120	6
20	26	4	24	160	24	240	24	320	30	3	32	880	30
21	12	4	16	400	12	520	8	800	10	3	12	880	10
22	20	1	24	80	24	120	24	160	20	0	16	320	18
23	16	6	16	480	16	400	16	400	20	7	20	1520	22
24	22	3	20	880	24	720	24	480	20	1	16	480	2
25	32	4	4	440	4	640	4	880	30	4	4	320	30
26	22	5	24	560	24	560	24	560	24	4	24	720	0
27	8	6	8	480	8	640	8	800	8	6	12	720	4
28	2	5	4	400	4	560	4	800	32	3	4	320	12
29	8	3	8	240	4	480	12	640	4	4	12	240	3
30	4	1	32	160	32	240	4	400	4	1	—	0	1
31	12	2	12	320	12	240	12	240	8	2	8	880	8
November 1932.													
J. Kaev.													
1	2	5	4	840	4	1200	4	1320	2	3	4	560	3
2	32	1	32	480	32	400	32	400	32	1	4	240	1
3	16	4	16	360	20	480	20	560	16	4	16	800	16
4	14	2	16	600	20	720	20	800	16	3	20	480	3
5	22	2	20	720	16	960	16	1200	20	2	20	400	2
6	2	5	24	120	24	200	24	240	2	3	32	480	3
7	20	2	4	120	28	200	4	160	20	3	24	240	22
8	24	3	—	0	—	0	—	0	26	2	24	240	4
9	12	3	8	400	8	240	8	80	12	3	16	480	14
10	16	4	20	880	20	720	20	480	16	4	16	880	18
11	22	4	28	1120	24	1200	24	1360	24	2	24	560	26
12	4	4	4	800	4	800	4	800	4	4	8	640	6
13	24	3	24	960	24	880	20	800	24	3	24	1200	26
14	24	3	24	960	24	920	24	800	24	6	24	920	22
15	24	4	24	480	24	800	20	1200	24	4	24	320	28
16	30	4	4	560	4	560	4	680	30	5	4	520	32
17	28	4	20	560	20	720	24	1040	28	7	32	400	6
18	2	4	4	560	8	640	8	1120	2	2	8	520	—
19	14	4	16	1280	16	1360	20	1520	18	4	20	960	6
20	18	4	20	560	20	560	20	560	16	4	20	520	16
21	16	3	20	640	20	720	20	1040	16	3	20	720	16
22	18	2	20	760	20	760	20	800	18	4	20	840	20
23	16	5	20	800	20	1000	20	1120	16	6	16	560	16
24	16	2	20	1280	20	1440	20	1680	16	3	20	800	20
25	22	2	20	400	20	360	20	320	16	3	20	560	16
26	8	1	20	320	20	400	20	560	—	0	20	800	18
27	18	5	20	1440	20	1280	16	1200	14	6	20	1520	18
28	20	4	20	960	20	720	20	640	20	4	20	1000	28
29	22	4	20	960	20	1000	20	1000	20	7	24	800	8
30	20	7	20	800	20	1040	20	1440	20	7	20	1120	6

Tulelaev „Hiiumadal“

Das Leuchtschiff „Hiiumadal“

	Tuul Wind	Vool 7h Strom			Tuul Wind	13h	Vool 13h Strom			Tuul Wind	21h	Vool 21h Strom						
		7h	0 m	10 m	20 m		0 m	10 m	20 m			0 m	10 m	20 m				
Detsember 1932.																		
J. Kaev.																		
1	5	20	1120	20	1040	20	960	20	5	20	1320	20	1400	20	1400			
2	18	6	16	1000	18	1120	20	1200	18	6	20	960	20	1040	20	1120		
3	14	2	16	800	16	880	16	1040	16	2	20	560	20	520	20	520		
4	16	3	16	320	20	120	—	0	16	3	20	800	20	720	20	640		
5	18	1	20	560	20	640	20	800	18	1	20	400	20	360	20	360		
6	28	1	20	600	20	520	20	600	28	1	20	240	20	240	20	320		
7	2	4	4	800	4	880	32	1040	2	3	4	320	4	280	4	280		
8	4	4	4	760	4	920	4	1000	32	4	4	560	4	600	4	800		
9	32	4	4	800	4	960	4	1200	2	2	4	400	12	560	12	560		
10	28	2	4	200	4	240	4	400	26	2	32	240	32	280	280	280		
11	28	4	4	720	4	880	4	1040	24	6	20	1280	20	1160	20	1040		
12	32	3	4	600	8	800	8	960	32	1	12	80	12	120	12	120		
13	26	1	24	640	24	720	20	1040	24	1	20	400	20	480	20	520		
14	16	3	32	400	32	520	32	600	16	2	16	240	20	320	20	320		
15	16	3	8	960	12	480	12	720	18	4	20	960	20	840	16	840		
16	20	4	24	1320	24	1200	24	1440	20	3	4	24	1560	24	960	24	1200	
17	22	3	24	480	24	840	24	960	22	3	24	240	—	0	24	420		
18	22	4	24	1140	24	780	24	1480	20	4	24	1420	24	1080	24	1620		
19	20	3	20	540	20	840	20	360	20	3	24	1080	24	1320	24	1680		
20	20	2	24	300	24	360	20	600	20	2	24	480	24	720	20	540		
21	20	3	24	660	20	640	24	240	30	3	28	300	24	240	—	0		
22	28	1	12	240	12	360	8	120	28	1	12	360	12	240	16	120		
23	18	2	16	360	20	540	20	420	20	2	20	240	20	360	20	180		
24	24	2	24	480	24	360	24	600	24	3	24	360	24	120	24	240		
25	24	1	24	120	24	60	24	240	24	3	24	180	—	0	24	120		
26	24	5	24	720	24	600	24	960	24	4	28	480	32	480	4	360		
27	24	4	24	720	24	600	24	1080	22	5	24	780	24	900	24	1080		
28	22	6	24	900	24	660	24	300	22	6	24	720	24	600	24	1080		
29	22	6	24	600	24	480	24	960	22	6	24	720	24	900	24	960		
30	22	5	24	660	24	840	24	720	22	5	24	900	24	480	24	720		
31	20	5	24	420	24	480	24	900	20	5	24	900	24	1080	24	720		
Jaauuar 1933.																		
J. Kaev.																		
1	12	1	16	480	16	400	20	560	16	1	16	320	16	360	16	400		
2	16	2	20	200	20	240	20	320	18	2	20	240	20	280	20	280		
3	16	4	16	480	16	640	20	800	14	5	20	720	20	800	20	920		
4	18	4	20	880	20	1000	20	960	20	2	20	840	20	920	20	920		
5	16	3	16	640	16	800	16	880	16	2	20	720	20	720	20	960		
6	16	3	16	720	20	1000	20	1000	16	2	20	680	20	720	20	880		
7	16	2	16	800	16	640	16	480	16	2	16	720	20	560	20	560		
8	20	1	16	120	16	80	—	0	16	2	20	160	16	280	16	480		
9	16	6	20	720	16	800	16	880	16	7	20	960	20	960	20	1120		
10	14	5	16	320	20	400	20	440	14	4	16	360	20	480	20	480		
11	14	3	16	960	16	1120	20	1200	14	3	20	840	20	920	20	1040		
12	12	3	12	400	16	400	20	320	12	2	16	320	16	320	14	320		
13	12	1	20	640	12	480	12	320	12	2	12	560	12	520	12	520		
14	16	4	16	600	16	800	16	840	16	5	20	560	20	720	20	720		
15	20	4	24	1120	24	1200	24	1440	18	4	20	840	20	960	20	960		
16	14	3	16	280	20	320	20	240	12	3	12	160	12	200	10	200		
17	10	1	12	160	12	320	12	640	—	0	12	200	12	240	8	160		
18	10	4	8	320	8	200	8	160	10	5	12	320	12	260	12	160		
19	10	4	8	1200	8	960	8	720	10	3	20	240	20	320	20	360		
20	8	3	—	0	20	120	20	200	8	3	8	80	8	120	6	120		
21	8	3	4	640	8	800	8	960	8	3	8	720	8	720	8	640		
22	8	3	8	160	8	160	8	160	8	3	12	200	12	240	8	240		
23	8	1	8	240	8	320	8	480	8	1	8	200	8	240	8	360		
24	16	3	16	360	16	240	16	200	18	4	20	480	20	360	20	360		
25	28	1	—	0	—	0	—	0	26	1	4	200	4	160	—	0		
26	26	3	4	360	8	400	8	560	26	3	32	400	32	400	32	360		
27	28	4	28	1040	28	720	28	480	28	5	4	480	4	480	4	400		
28	24	3	24	800	24	960	24	1000	24	5	4	920	4	880	8	880		
29	28	3	32	160	32	560	32	1040	24	3	4	520	4	640	4	640		
30	22	1	20	200	20	120	20	80	20	1	20	160	20	120	20	80		
31	14	4	12	1120	12	880	12	640	14	3	20	120	20	160	20	160		

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	Tuul Wind			Vool 7h Strom			Tuul Wind 13h	Vool 13h Strom			Tuul Wind 21h	Vool 21h Strom			
	7h	0 m	10 m	20 m	0 m	10 m		20 m	0 m	10 m		20 m			
Veebruar 1933.															
J. Kaev.															
1	16	1	16	160	16	320	20	400	16	1	16	320	20	480	
2	18	7	20	1040	20	800	20	640	20	3	20	920	20	840	
3	16	3	20	600	20	800	20	800	20	1	24	240	24	160	
4	24	3	20	800	20	960	20	1200	22	3	20	840	20	920	
5	18	6	20	1000	20	1160	20	1200	18	4	20	920	20	960	
6	2	1	—	0	32	160	32	320	20	1	32	240	28	280	
7	30	4	28	320	24	400	24	400	32	2	1	4	160	4	160
8	16	1	16	480	16	640	16	960	16	2	20	640	20	680	
9	16	5	20	720	20	800	20	800	16	7	20	1080	20	1080	
10	32	4	24	320	24	480	24	640	30	4	20	600	20	760	
11	30	7	32	800	4	1000	8	1200	30	7	4	760	4	760	
12	32	4	4	1280	4	1120	4	880	2	1	12	400	12	480	
13	28	2	24	200	24	320	24	440	26	2	20	480	20	520	
14	32	2	32	480	32	640	32	800	30	2	32	200	32	160	
15	32	1	32	120	4	80	4	80	2	1	32	160	4	120	
16	2	2	4	480	4	400	4	320	32	1	4	280	4	240	
17	2	2	4	80	4	120	4	120	2	1	24	160	24	120	
18	2	2	24	240	24	240	24	160	32	2	—	0	—	0	
19	4	1	8	120	8	120	8	160	4	1	4	400	4	480	
20	10	3	8	480	8	480	8	520	12	3	20	160	20	200	
21	14	2	20	240	20	320	20	320	14	2	16	120	16	320	
22	10	4	8	560	8	560	8	560	10	4	8	600	8	600	
23	8	7	8	1440	8	1360	8	1280	8	8	8	640	8	800	
24	10	4	12	120	12	120	12	80	10	2	12	80	12	80	
25	6	1	8	240	8	160	8	160	10	1	8	320	8	720	
26	6	1	4	240	4	160	4	160	6	1	—	—	—	—	
27															
28															
Märts 1933.															
J. Kaev.															
1															
2															
3															
4	10	4	4	320	4	640	4	640	8	5	4	400	4	520	
5	10	2	12	80	8	160	8	200	8	3	4	160	4	160	
6	10	2	8	120	8	120	8	160	10	4	8	600	8	400	
7	8	3	4	400	4	400	4	320	8	3	4	400	4	360	
8	14	3	16	320	16	320	20	280	14	2	16	120	16	160	
9	16	2	16	280	16	360	20	480	16	1	20	240	20	240	
10	28	1	12	260	12	240	12	240	20	1	16	200	12	200	
11	20	2	16	280	20	360	20	400	20	2	20	400	20	400	
12	24	2	20	160	20	160	20	160	24	1	20	120	20	120	
13	24	1	24	80	—	0	—	0	24	1	20	260	20	400	
14	28	1	4	320	4	320	8	280	22	1	20	400	20	320	
15	18	1	20	240	20	200	20	200	24	1	20	560	20	520	
16	24	3	20	560	20	560	24	520	22	3	20	1280	20	1160	
17	20	2	16	1120	20	960	20	720	22	1	20	720	20	800	
18	18	3	20	720	20	640	20	560	18	3	20	1040	20	1200	
19	18	4	20	720	20	720	20	760	20	4	20	480	20	520	
20	12	3	16	560	16	720	16	960	18	2	16	200	16	320	
21	32	7	4	1200	4	1080	4	1020	32	7	4	800	4	800	
22	28	2	12	880	12	920	12	1160	8	3	16	560	16	640	
23	—	0	—	0	—	0	—	0	20	1	20	160	20	120	
24	30	3	20	320	20	320	20	400	20	3	20	360	20	280	
25	20	4	20	1280	20	1280	20	1200	20	4	20	880	20	880	
26	30	2	—	0	24	40	24	80	28	2	8	160	8	120	
27	4	3	4	240	4	200	4	200	—	0	8	160	8	160	
28	24	1	20	400	20	560	24	720	26	1	12	120	12	120	
29	30	1	8	240	8	200	8	160	—	0	12	240	12	240	
30	16	3	24	160	24	120	20	80	20	3	24	280	24	280	
31	20	2	20	360	20	320	20	240	18	2	20	720	20	720	

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	Tuul Wind 7h	Vool 7h Strom			Tuul Wind 13h	Vool 13h Strom			Tuul Wind 21h	Vool 21h Strom					
		0 m	10 m	20 m		0 m	10 m	20 m		0 m	10 m	20 m			
April 1933.															
J. Kaev.															
1	22	4	24	880	24	920	24	960	20	4	20	800			
2	18	2	20	520	20	520	20	560	26	1	20	320			
3	2	2	24	400	24	360	24	400	30	3	4	400			
4	6	4	20	400	20	440	4	480	4	6	4	880			
5	30	3	28	720	28	560	28	400	30	4	32	240			
6	20	3	—	0	—	0	—	0	22	3	24	880			
7	32	6	4	440	28	600	28	760	32	3	4	480			
8	30	1	12	320	12	280	12	240	30	2	24	320			
9	20	1	24	80	—	0	—	0	12	80	12	80			
10	16	1	20	320	20	280	20	120	20	1	20	400			
11	16	4	24	880	24	720	12	640	18	4	20	480			
12	16	4	20	480	20	600	20	880	18	6	20	960			
13	18	6	20	960	20	1080	20	1200	18	7	20	1200			
14	30	4	28	240	24	360	24	440	30	6	32	800			
15	28	3	8	640	8	720	8	800	26	2	8	560			
16	16	3	20	480	20	600	20	880	26	4	28	400			
17	32	7	32	400	32	360	4	320	2	6	4	480			
18	2	3	4	560	4	400	4	320	32	4	4	1120			
19	2	4	4	440	4	640	4	760	4	4	8	800			
20	2	3	4	240	4	280	4	320	32	2	32	160			
21	2	2	4	240	4	320	4	280	4	2	16	240			
22	32	1	12	80	12	40	—	0	30	1	32	160			
23	26	1	20	440	20	600	20	600	28	2	20	200			
24	26	3	—	0	—	0	—	0	26	4	24	160			
25	30	3	4	600	4	760	4	800	28	2	8	240			
26	22	1	20	160	20	80	—	0	22	1	24	160			
27	20	1	16	200	16	240	16	240	—	0	12	320			
28	8	1	12	400	12	520	12	560	6	1	4	400			
29	32	2	8	400	8	320	8	400	32	2	8	320			
30	28	2	32	560	4	600	4	720	28	2	32	560			
Mai 1933.															
J. Kaev.															
1	30	1	4	400	4	320	4	200	4	1	8	280			
2	4	3	8	320	8	480	8	640	4	3	8	160			
3	20	2	8	240	8	200	8	200	20	3	24	160			
4	28	2	4	320	4	160	4	120	28	3	4	480			
5	26	2	4	160	4	120	4	80	26	2	8	280			
6	20	1	20	120	20	120	20	80	20	1	20	240			
7	6	1	32	160	28	80	—	0	6	4	8	560			
8	6	4	8	800	8	720	8	640	6	5	8	640			
9	6	3	4	440	4	400	4	320	6	2	20	120			
10	18	1	24	480	24	360	24	280	18	1	24	320			
11	4	1	20	120	20	80	20	80	4	2	8	280			
12	4	4	8	200	8	200	8	160	4	4	4	480			
13	4	4	8	440	4	360	8	400	4	3	8	400			
14	20	1	24	120	24	120	24	80	24	1	24	640			
15	26	1	24	320	24	280	24	200	28	1	24	80			
16	30	1	8	320	8	360	8	400	32	1	4	160			
17	6	2	4	640	8	400	8	560	4	3	8	400			
18	6	3	8	360	8	400	8	440	6	3	8	1040			
19	4	1	8	280	8	240	8	200	4	1	8	240			
20	20	1	20	80	20	120	8	200	20	1	20	240			
21	30	2	20	240	20	240	20	280	30	3	20	640			
22	28	3	32	120	32	120	—	0	28	5	4	480			
23	2	3	4	600	4	720	4	760	2	4	4	560			
24	2	3	4	200	4	200	4	240	32	3	12	160			
25	32	2	4	80	12	120	12	200	32	2	12	120			
26	4	4	4	200	4	240	4	320	2	3	12	480			
27	32	1	8	120	8	80	8	120	28	1	—	0			
28	32	2	12	120	12	200	12	200	30	1	—	0			
29	—	0	—	0	—	0	—	0	4	1	—	0			
30	—	0	—	0	—	0	—	0	—	0	—	0			
31	—	0	—	0	—	0	—	0	—	0	—	0			

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	Tuul Wind 7h	Vool 7h Strom			Tuul Wind 13h	Vool 13h Strom			Tuul Wind 21h	Vool 21h Strom					
		0 m	10 m	20 m		0 m	10 m	20 m		0 m	10 m	20 m			
Juuni 1933.															
J. Kaev.															
1	—	0	8	240	8	280	8	280	28	1	28	240			
2	32	3	4	200	4	320	4	440	2	2	8	560			
3	32	2	8	800	8	820	8	840	30	4	4	1360			
4	28	0	4	160	4	240	4	200	—	0	8	320			
5	—	0	—	0	—	0	8	60	30	1	4	160			
6	32	1	8	400	8	400	8	320	32	1	8	400			
7	4	1	8	440	8	440	8	480	4	1	8	720			
8	6	1	8	480	8	440	8	360	4	1	4	160			
9	6	1	12	400	12	280	12	240	4	1	4	560			
10	—	0	12	160	12	120	—	0	—	0	12	480			
11	4	1	8	420	8	400	8	320	4	1	8	320			
12	4	1	8	200	8	240	8	240	4	2	8	960			
13	4	2	8	320	8	400	8	440	4	2	4	400			
14	4	1	—	0	—	0	16	120	4	1	—	0			
15	—	0	—	0	8	80	8	80	—	0	—	0			
16	—	0	12	320	12	400	12	400	4	1	12	320			
17	—	0	8	200	8	200	8	200	—	0	12	240			
18	8	1	8	160	8	160	8	120	—	0	12	80			
19	6	1	8	120	8	40	—	0	8	2	8	520			
20	4	3	—	0	—	0	24	80	4	4	1120	4			
21	6	3	20	80	20	200	20	320	6	2	16	160			
22	6	2	8	400	8	240	8	80	4	1	8	240			
23	4	2	8	80	8	80	—	0	4	2	—	0			
24	6	4	8	560	8	520	8	400	6	5	8	720			
25	24	1	16	200	20	240	20	360	26	1	24	240			
26	—	0	20	320	20	240	20	160	4	1	8	160			
27	—	0	24	240	24	240	24	200	—	0	—	0			
28	28	1	—	0	—	0	—	0	—	0	16	240			
29	28	2	8	560	8	400	20	200	24	2	12	400			
30	22	2	20	400	20	280	20	160	20	2	16	120			
Juuli 1933.															
J. Kaev.															
1	28	2	8	640	8	400	8	160	30	3	12	240			
2	24	1	12	440	12	320	12	280	26	1	4	720			
3	30	3	8	320	8	200	24	160	2	3	16	400			
4	28	4	4	800	4	640	4	320	28	5	4	1680			
5	30	1	12	320	12	360	8	560	28	1	4	200			
6	4	1	8	280	8	200	8	160	2	1	8	480			
7	4	1	8	120	8	80	8	80	2	1	8	40			
8	4	1	8	120	8	120	8	40	2	1	4	320			
9	28	1	12	480	12	320	8	200	26	1	20	160			
10	16	1	—	0	—	0	—	0	20	1	20	400			
11	18	1	12	240	20	320	20	400	20	1	12	80			
12	16	2	20	320	20	400	20	400	18	3	20	640			
13	18	1	20	420	20	400	20	480	20	2	20	400			
14	16	3	20	720	20	760	20	880	18	4	20	1120			
15	22	4	20	280	20	280	20	200	22	3	20	560			
16	18	1	20	440	20	400	20	320	20	3	20	1200			
17	8	1	20	680	20	600	20	600	10	1	20	520			
18	20	4	24	1000	24	1120	24	1200	20	5	20	1440			
19	16	4	20	800	20	840	20	1000	18	4	20	840			
20	20	2	20	600	20	560	20	600	20	2	24	960			
21	20	1	20	200	20	160	20	240	20	1	8	160			
22	24	2	20	560	20	280	20	200	24	2	—	0			
23	20	1	24	160	24	160	24	160	20	1	20	80			
24	20	2	20	400	20	320	20	240	20	3	20	480			
25	24	3	24	480	24	720	24	880	22	1	20	480			
26	20	2	20	720	20	720	20	720	22	3	24	560			
27	28	4	32	880	28	600	28	320	28	4	32	640			
28	18	1	24	160	24	120	24	80	20	1	24	640			
29	22	7	20	1280	20	1160	20	1040	22	7	20	1160			
30	20	3	24	1120	24	960	24	720	20	2	20	720			
31	20	2	20	320	20	480	20	640	20	3	20	360			

Tulelaev „Hiimadal“

Das Leuchtschiff „Hiimadal“

	Tuul Wind		Vool 7 h Strom			Tuul Wind	Vool 13 h Strom			Tuul Wind	Vool 21 h Strom						
	7 h		0 m	10 m	20 m		0 m	10 m	20 m		0 m	10 m	20 m				
August 1933.																	
A. Vesterbusch																	
1	20	2	20	400	20	400	22	1	20	360	20	300	32				
2	8	1	20	200	20	200	6	2	4	300	12	400	4				
3	14	2	12	180	—	0	12	300	24	2	24	300	24				
4	20	0	—	0	24	300	—	0	20	2	20	240	28				
5	28	7	4	720	4	600	4	600	28	7	—	0	—				
6	30	5	4	240	4	420	8	780	30	5	—	0	—				
7	18	3	16	600	16	660	16	720	22	3	28	900	24				
8	26	2	24	720	24	1080	24	480	22	2	24	480	24				
9	26	2	28	540	24	720	24	780	24	3	24	720	24				
10	22	5	24	720	24	960	24	840	24	6	24	1200	24				
11	24	5	24	1380	24	900	20	1080	26	6	24	600	—				
12	28	1	4	420	4	300	—	0	28	1	28	240	4				
13	32	2	4	900	4	900	4	720	2	3	4	60	8				
14	16	1	12	300	12	180	12	420	18	1	—	0	—				
15	18	2	20	180	24	120	24	240	20	3	20	720	28				
16	14	2	20	720	24	420	24	600	16	2	20	360	20				
17	12	3	20	180	20	180	20	600	14	3	20	480	24				
18	24	3	24	420	24	600	24	720	24	4	20	1380	20				
19	18	1	20	540	20	180	20	480	22	1	24	420	24				
20	30	2	24	600	24	600	24	600	24	1	24	480	28				
21	24	1	—	0	—	0	—	0	24	1	—	0	—				
22	24	1	24	180	24	120	24	60	24	1	24	600	24				
23	12	1	16	60	24	120	24	180	10	1	12	180	—				
24	4	5	—	0	—	0	—	0	4	6	—	0	—				
25	4	7	8	1380	8	1500	8	1380	4	7	8	1380	8				
26	2	6	8	1500	8	1200	8	1500	2	6	8	1200	8				
27	2	5	8	1680	8	1620	8	1500	32	4	12	900	12				
28	4	1	—	0	8	120	12	600	8	1	8	300	8				
29	18	3	16	600	20	300	16	600	3	24	240	24	120				
30	20	2	20	720	20	840	24	900	20	3	24	960	24				
31	20	3	24	1140	24	1320	24	1680	20	3	20	720	24				
September 1933.																	
A. Vesterbusch, J. Kaev.																	
1	20	1	24	600	24	900	24	1200	22	1	24	540	24				
2	32	1	4	240	4	120	28	240	2	1	—	0	—				
3	4	5	4	1080	4	960	8	720	6	4	12	1200	12				
4	6	4	—	0	—	0	12	1080	6	4	4	360	4				
5	30	1	—	0	8	300	8	300	32	1	—	0	—				
6	6	2	12	780	8	660	8	480	4	2	8	900	8				
7	2	5	8	1020	8	900	8	1200	4	4	8	600	8				
8	4	5	8	780	8	1200	8	900	4	4	12	820	12				
9	2	1	12	660	16	660	16	660	4	1	12	480	12				
10	28	1	4	120	8	240	8	180	28	3	4	720	12				
11	28	1	8	540	8	600	—	0	30	5	8	540	8				
12	24	1	8	720	12	480	12	360	28	2	8	660	8				
13	32	1	—	0	16	300	16	240	18	1	—	0	—				
14	2	2	8	440	8	360	8	320	2	4	8	880	8				
15	2	5	4	1200	4	1160	4	1120	32	5	4	1360	4				
16	32	7	8	1280	8	1160	8	1120	32	8	8	1680	8				
17	2	7	4	1840	4	1600	4	1440	2	4	8	1600	8				
18	8	1	8	200	8	120	8	80	6	2	12	280	12				
19	2	6	4	800	8	1000	8	1120	2	5	4	1920	4				
20	6	3	4	200	4	280	4	280	6	3	4	240	4				
21	8	2	8	600	8	640	8	720	8	2	8	320	8				
22	12	1	12	400	16	400	16	400	10	1	20	240	20				
23	14	2	16	320	20	400	20	480	14	2	20	800	20				
24	6	1	24	200	24	120	28	120	12	1	20	240	20				
25	14	1	20	360	20	480	20	520	—	0	4	640	4				
26	—	0	4	400	4	240	4	200	18	1	4	80	—				
27	4	1	32	120	28	200	28	200	4	1	8	560	8				
28	6	1	8	160	8	80	—	0	4	1	4	640	4				
29	12	1	8	720	8	680	8	640	14	1	4	800	4				
30	20	2	24	880	24	880	24	600	20	2	8	560	12				

Tulelaev „Hiiumadal“

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	Tuul Wind 7h	Vool 7h Strom			Tuul Wind 13h	Vool 13h Strom			Tuul Wind 21h	Vool 21h Strom					
		0 m	10 m	20 m		0 m	10 m	20 m		0 m	10 m	20 m			
Oktoober 1933.															
J. Kaev.															
1	8	1	24	160	24	160	20	120	—	0	4	80			
2	22	2	4	600	4	440	4	320	22	2	4	960			
3	32	4	32	640	32	480	4	320	30	5	32	1120			
4	20	2	12	640	12	600	8	480	22	2	4	80			
5	28	4	32	440	32	360	28	240	30	5	32	480			
6	32	5	32	720	32	640	4	480	32	4	4	560			
7	20	3	4	200	4	160	4	80	20	4	24	720			
8	28	7	32	320	32	400	28	440	30	4	32	880			
9	6	4	4	320	4	320	4	280	6	4	4	1280			
10	12	4	20	80	20	160	20	160	14	4	20	120			
11	18	6	20	800	20	960	20	1000	18	5	20	720			
12	18	9	20	960	20	1000	20	1120	22	8	20	1040			
13	24	1	24	600	24	1120	24	1280	24	1	24	320			
14	2	2	—	0	—	0	—	0	24	1	8	280			
15	16	2	16	160	12	160	12	280	18	2	20	240			
16	8	1	—	0	—	0	6	2	3	200	8	280			
17	20	1	8	160	8	240	8	280	20	1	20	160			
18	16	1	16	120	16	160	16	160	16	1	24	80			
19	6	1	8	200	8	200	8	200	6	1	4	640			
20	8	5	8	800	8	760	8	720	6	2	12	400			
21	10	2	12	320	8	280	8	240	10	2	4	320			
22	12	1	12	160	12	160	12	160	12	1	20	160			
23	16	1	24	240	24	160	20	120	16	1	20	320			
24	20	3	20	160	20	120	20	120	18	2	8	160			
25	16	3	12	400	20	320	20	240	16	3	20	240			
26	8	1	12	160	12	160	12	160	8	1	16	120			
27	10	3	12	320	12	280	12	280	10	3	12	1120			
28	10	3	8	240	8	240	8	240	14	2	20	400			
29	14	2	16	360	16	240	12	160	14	2	16	320			
30	8	4	8	800	8	400	8	320	18	4	20	400			
31	16	5	16	1040	20	1120	20	1120	18	5	20	1600			
November 1933.															
J. Kaev.															
1	16	4	20	1200	20	1000	20	760	16	4	20	840			
2	8	3	20	80	20	120	20	120	8	1	4	240			
3	8	4	4	120	4	200	4	240	10	3	4	320			
4	6	1	16	200	20	160	20	240	4	1	—	0			
5	24	3	4	200	4	240	4	320	24	4	20	360			
6	32	2	20	160	20	160	20	120	28	3	24	160			
7	30	1	4	200	4	160	4	240	2	3	4	120			
8	30	5	4	400	4	520	4	600	30	5	4	480			
9	12	1	12	400	12	600	12	600	14	3	16	1360			
10	22	4	20	480	20	480	20	520	22	4	24	1200			
11	20	2	24	320	24	400	24	440	18	2	24	320			
12	4	4	4	1200	4	1240	4	1320	4	4	8	1280			
13	8	3	8	400	8	400	8	400	8	2	20	80			
14	10	2	8	80	12	80	20	120	10	3	4	240			
15	8	6	8	800	8	670	8	480	8	7	8	1280			
16	6	4	12	720	8	600	8	440	8	4	4	480			
17	4	2	8	80	8	240	8	480	4	2	8	400			
18	12	1	28	80	28	80	20	160	12	2	16	240			
19	8	2	8	160	8	160	8	120	14	1	—	0			
20	16	1	—	0	—	0	—	0	14	1	—	0			
21	12	1	16	80	16	80	16	120	18	1	12	240			
22	22	4	24	400	24	360	24	360	22	3	24	360			
23	20	3	20	320	20	400	20	600	20	3	20	400			
24	4	1	4	160	—	0	16	200	4	1	20	80			
25	4	5	4	760	4	720	4	640	4	5	4	800			
26	14	1	16	320	20	400	20	440	16	1	20	400			
27	26	1	20	120	20	160	20	160	—	0	20	80			
28	8	2	—	0	—	0	—	0	10	1	12	120			
29	16	1	16	120	16	120	16	160	20	1	20	200			
30	26	3	32	400	4	600	4	720	24	2	24	200			

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	Tuul Wind 7h			Vool 7h Strom			Tuul Wind 13h	Vool 13h Strom			Tuul Wind 21h	Vool 21h Strom				
	0 m	10 m	20 m	0 m	10 m	20 m		0 m	10 m	20 m		0 m	10 m	20 m		
Detsember 1933.																
J. Kaev.																
1	4	2	4	320	4	240	4	200	4	3	8	480	8	480		
2	8	1	20	240	20	280	20	360	4	1	24	200	24	200		
3	26	2	24	160	—	0	—	0	24	3	24	400	24	280		
4	26	5	24	960	24	840	24	760	26	6	24	1000	24	800		
5	30	3	28	240	28	320	28	400	28	3	28	400	28	560		
6	2	3	4	160	4	120	4	120	4	5	4	360	4	400		
7	2	3	8	560	8	560	8	720	2	4	4	160	4	240		
8	24	5	24	1200	24	1120	24	960	28	5	28	800	32	80		
9	4	3	8	480	8	480	8	520	32	1	4	240	4	480		
10	30	4	20	240	20	320	20	360	24	4	24	240	24	280		
11	32	3	4	640	4	640	4	560	4	3	32	320	32	480		
12	2	2	4	160	4	200	4	280	2	2	—	—	0	4		
13	30	1	—	0	—	0	—	0	30	2	28	160	28	320		
14	22	7	20	1280	20	1360	20	1440	22	7	20	1400	20	1600		
15	4	6	8	800	8	800	8	720	6	6	4	400	4	560		
16	16	2	12	840	12	760	12	680	20	5	16	920	16	1000		
17	24	3	24	160	24	160	24	160	28	3	28	240	28	320		
18	20	1	20	120	16	200	16	240	20	2	20	280	20	360		
19	28	2	20	160	20	160	20	200	28	1	24	160	24	320		
20	32	6	8	640	8	720	8	840	32	5	4	600	8	800		
21	6	1	8	280	8	320	8	480	12	1	12	320	12	400		
22	16	5	20	400	20	520	20	560	18	4	20	520	20	600		
23	24	1	20	320	20	320	20	320	24	1	24	160	24	240		
24	28	5	8	600	8	640	8	760	28	5	4	400	4	480		
25	30	2	8	240	8	240	8	280	30	5	32	480	32	640		
26	8	2	8	400	8	360	8	320	6	2	16	560	16	600		
27	14	2	16	240	16	240	16	240	14	2	20	800	20	640		
28	12	2	12	120	12	80	—	0	12	3	—	0	28	120		
29	10	6	12	480	12	480	12	520	10	7	12	1200	12	1040		
30	10	3	8	400	8	520	12	560	12	3	12	400	16	320		
31	8	1	4	160	4	160	4	120	6	1	4	320	4	480		
Jaanuär 1934.																
J. Kaev.																
1	—	0	—	0	—	0	—	0	2	1	4	200	4	200		
2	16	1	12	320	12	320	12	280	16	3	20	560	20	640		
3	20	2	20	160	20	160	20	240	18	2	20	160	20	160		
4	16	2	16	240	16	240	16	280	16	3	16	240	16	320		
5	16	2	20	840	20	920	20	960	16	3	20	800	20	880		
6	16	2	20	360	20	560	16	600	22	1	24	320	24	400		
7	18	5	20	960	20	720	20	680	20	6	20	1000	20	800		
8	18	5	20	1360	20	1280	20	1160	20	7	24	1040	24	1280		
9	20	3	20	320	20	360	20	460	20	2	20	280	20	560		
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22	26	4	20	160	20	160	16	160	24	4	24	240	24	560		
23	22	6	20	400	20	480	20	640	22	6	24	640	24	640		
24	22	4	24	640	24	640	20	640	24	4	24	480	24	720		
25	22	3	20	400	20	520	20	560	22	3	20	440	20	600		
26	22	2	20	320	20	360	20	360	22	2	20	480	20	560		
27	18	5	20	360	20	480	20	520	18	4	20	320	20	400		
28	22	2	20	320	20	320	20	360	28	2	28	240	28	400		
29	24	1	28	120	28	160	28	160	20	1	24	240	24	240		
30	20	3	20	480	20	400	20	320	20	4	20	560	20	400		
31	32	5	8	400	8	400	8	480	32	4	32	400	4	520		

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	Tuul Wind			Vool 7h Strom			Tuul Wind	Vool 13h Strom			Tuul Wind	Vool 21h Strom															
	7h			13h				21h																			
		0 m	10 m		20 m	0 m			10 m	20 m		0 m	10 m	20 m													
Veebruar 1934.														J. Kaev.													
1	4	5	8	800	8	920	8	960	4	6	4	1120	4	960	4	800	4	1	4	800	4	640	4	480			
2	22	4	24	120	24	120	24	80	22	5	22	400	22	600	22	800	20	7	22	800	22	1120	20	1000			
3	32	6	32	640	32	560	32	560	32	4	4	340	4	480	4	320	28	1	4	400	4	560	4	640			
4	22	5	20	240	20	280	20	360	22	7	24	400	20	520	20	600	28	4	24	360	20	480	20	520			
5	24	1	4	240	4	240	4	240	20	2	24	640	24	800	24	960	22	4	24	960	24	1120	24	1280			
6	24	3	20	400	20	480	20	560	26	3	20	520	20	560	20	600	26	7	20	600	20	600	20	560			
7	30	4	32	240	32	160	32	160	26	1	20	720	20	560	20	400	32	4	20	480	20	640	20	800			
8	12	2	12	400	12	480	12	520	10	4	8	320	8	520	8	600	4	6	8	360	8	480	8	480			
9	30	4	8	320	8	480	8	480	26	4	28	480	28	640	28	880	26	2	28	560	28	720	28	960			
10	18	2	20	280	20	360	20	400	26	5	28	1200	28	1280	28	1400	24	4	28	800	28	920	28	920			
11	24	3	20	640	20	620	20	800	30	4	28	400	28	560	28	720	28	5	28	560	28	720	28	960			
12	32	7	4	400	4	520	4	560	32	7	4	400	4	600	4	720	32	6	4	1040	4	960	4	960			
13	22	2	12	280	12	280	12	320	20	3	24	320	24	480	24	640	24	1	24	400	24	640	24	720			
14	24	1	24	240	24	240	24	280	—	0	24	160	24	120	24	120	—	0	0	—	0	—	0	—			
15	24	1	32	80	32	80	32	80	28	2	32	240	32	320	32	480	28	2	32	480	32	560	32	640			
16	24	4	24	560	24	640	24	680	24	2	—	0	8	80	8	280	26	2	8	200	8	240	8	320			
17	26	3	4	400	8	400	8	400	28	4	32	400	32	560	32	640	26	2	32	640	32	800	32	960			
18	30	3	4	200	4	240	4	240	30	3	4	160	4	200	4	200	24	4	4	160	4	160	4	240			
19	24	6	20	560	4	720	4	760	24	5	28	960	28	800	28	720	24	6	28	720	28	560	28	400			
20	28	7	8	720	8	800	8	920	30	6	4	800	8	800	8	1000	30	8	8	840	8	840	8	960			
21	32	2	4	440	8	560	8	600	32	1	8	320	8	400	8	480	22	2	8	480	8	640	8	720			
22	22	2	20	160	20	200	20	240	20	3	20	200	20	320	20	400	20	4	20	240	20	240	20	360			
23	26	7	20	800	20	920	20	920	28	6	28	480	28	640	28	760	28	3	28	560	28	720	28	800			
24	32	1	32	320	32	320	32	400	2	2	—	0	—	0	—	0	12	1	24	120	24	120	24	80			
25	14	4	24	240	24	200	24	200	16	2	20	800	20	640	20	560	20	2	20	640	20	800	20	960			
26	18	3	20	480	20	480	20	520	18	2	20	440	20	480	20	480	16	1	20	360	20	360	20	320			
27	12	2	20	320	20	400	20	400	12	3	12	160	12	240	12	320	12	2	12	320	12	480	12	640			
28	10	3	8	640	8	720	8	800	10	4	8	360	12	440	12	560	8	6	8	360	12	480	12	520			
Märts 1934.														J. Kaev.													
1	10	7	8	800	8	760	8	920	10	7	8	880	8	1040	8	1200	10	6	8	960	8	1120	8	1280			
2	14	5	12	320	12	360	12	400	14	4	16	800	16	860	16	240	14	5	16	520	16	520	16	360			
3	14	5	14	280	14	160	14	120	16	3	16	720	16	360	16	1040	14	4	16	880	16	960	16	1200			
4	18	3	20	200	20	240	20	240	20	2	20	200	20	200	20	280	22	2	24	400	24	400	24	480			
5	20	1	24	240	20	320	20	320	20	1	24	160	24	200	24	240	20	3	24	240	24	320	24	400			
6	18	4	20	400	20	480	20	560	18	5	20	800	20	1000	20	1200	18	7	20	880	20	880	20	800			
7	16	2	20	320	20	400	20	400	14	3	16	960	16	1040	16	1280	12	1	16	800	16	880	16	960			
8	22	2	20	880	20	720	20	560	22	2	20	600	20	600	20	520	22	1	20	480	20	520	20	520			
9	20	1	20	360	20	400	20	400	—	0	16	1040	16	880	16	720	2	3	16	640	16	560	16	480			
10	32	1	4	480	4	640	4	800	2	1	4	160	4	200	4	200	2	1	12	160	12	160	12	160			
11	—	0	32	200	32	160	32	160	6	1	12	160	12	240	12	400	8	1	12	320	12	480	12	560			
12	12	3	16	240	16	320	16	480	12	3	12	200	12	200	12	280	10	4	12	400	12	400	12	480			
13	12	4	12	280	12	280	16	320	10	5	4	300	4	560	4	900	8	6	4	560	4	720	4	800			
14	8	1	8	480	8	640	8	800	22	2	24	520	24	400	24	320	10	2	24	560	24	560	24	560			
15	20	1	20	240	20	360	20	400	18	1	20	480	20	560	20	640	12	1	20	160	20	240	20	320			
16	14	2	16	560	16	640	16	720	16	2	16	320	16	240	16	200	16	2	16	360	16	320	16	240			
17	16	1	20	800	20	800	20	760	16	1	20	400	20	480	20	600	12	2	20	320	20	350	20	480			
18	12	3	12	1120	12	960	12	800	12	3	12	560	12	640	12	640	12	3	12	320	12	320	12	280			
19	12	3	12	120	12	160	12	160	14	2	16	320	16	480	16	640	14	1	16	360	16	520	16	560			
20	18	1	20	100	20	320	20	400	18	1	—	0	20	160	20	400	—	0	—	0	20	80	20	80			
21	8	1	8	80	—	0	—	0	6	2	8	240	8	320	8	480	6	3	8	320	8	360	8	400			
22	8	1	8	240	8	240	8	240	6	2	4	160	4	200	4	200	6	2	4	200	4	200	4	200			
23	4	1	—	0	4	160	4	320	32	1	4	120	4	160	4	200	28	2	28	240	28	320	28	480			
24	28	2	8	240	8	240	8	280	20	1	—	0	—	0	—	0	16	2	—	0	—	0	—	0			
25	10	1	—	0	—	0	—	0	—	0	—	0	—	0	—	0	4	1	—	0	—	0	—	0			
26	8	1	8	400	8	480	8	560	6	2	24	80	24	120	24	120	4	4	4	320	4	480	4	640			
27	4	2	4	200	4	200	4	240	10	1	24	240	24	320	24	400	12	1	20	360	20	400	20	480			
28	4	1	16	240	16	320	16	400	2	1	16	200	16	240	16	240	4	2	4	240	4	320	4	400			
29	32	1	4	80	4	60	4	60	32	1	4	160	4	120	4	120	4	2	32	120	32	80	32	80			
30	4	4	4	640	4	720	4	800	4	5	4	900	4	1120	4	1280	6	4	4	640	4	800	4	960			
31	6	4	8	400	8	360	8	360	6	4	4	280	4	240	8	160	6	3	8	240	8	240	8	320			

Tulelaev „Hiimadal“

Das Leuchtschiff „Hiimadal“

	Tuul Wind	Vool 7 h Strom			Tuul Wind	Vool 13 h Strom			Tuul Wind	Vool 21 h Strom			
		0 m	10 m	20 m		13 h	0 m	10 m		20 m	21 h	0 m	10 m
April 1934.													
K. Tiismann.													
1	12	2	20	320	20	280	—	0	—	0	—	0	160
2	—	0	—	—	0	—	—	0	—	—	—	0	32
3	8	2	8	320	8	280	8	3	12	480	12	640	8
4	16	1	20	160	20	120	20	2	20	480	20	180	3
5	20	4	22	300	20	240	20	2	20	210	16	180	24
6	4	5	12	450	12	360	12	6	4	630	4	420	6
7	2	2	—	0	4	60	—	0	32	1	32	180	30
8	10	1	32	60	32	120	2	150	—	0	32	210	32
9	16	3	26	240	28	300	24	210	18	2	24	90	2
10	2	7	4	900	2	870	2	1020	2	7	4	1080	2
11	4	2	8	330	8	420	8	510	32	1	12	270	14
12	20	1	16	80	16	160	16	200	24	1	16	80	16
13	30	3	4	720	4	800	4	880	30	2	8	560	8
14	20	2	24	320	24	240	24	240	20	2	0	16	8
15	18	1	24	80	—	0	—	0	—	0	—	0	—
16	14	1	12	80	—	0	—	0	16	1	16	200	20
17	24	3	20	480	20	400	20	360	22	2	20	240	20
18	8	1	—	0	—	0	—	0	6	2	8	200	8
19	20	3	20	480	20	440	20	400	20	4	20	960	10
20	22	4	20	600	20	610	20	680	16	1	20	400	20
21	22	1	20	560	20	480	24	400	20	1	20	440	20
22	22	1	20	200	20	200	20	200	20	2	20	160	20
23	12	2	20	120	20	80	20	80	12	2	12	80	12
24	20	5	16	760	20	800	20	920	20	3	16	1440	16
25	20	1	20	280	20	240	20	240	18	1	16	320	16
26	16	1	20	240	20	320	20	320	20	3	20	480	20
27	6	3	12	200	12	120	—	0	4	3	32	640	32
28	32	1	28	200	24	200	24	200	—	0	—	0	—
29	18	1	20	160	—	0	—	0	—	0	28	240	28
30	8	1	—	0	—	0	—	0	6	1	—	0	—
Mai 1934.													
J. Kaev.													
1	—	0	28	160	28	160	28	120	—	0	28	240	28
2	—	0	—	0	—	0	—	0	—	0	—	0	—
3	22	1	28	240	28	320	28	400	—	0	—	0	—
4	6	3	12	400	8	360	8	280	6	3	8	720	6
5	12	2	20	80	—	0	—	0	—	0	8	1	8
6	12	1	12	80	—	0	—	0	—	0	8	1	12
7	8	1	—	0	—	0	—	0	—	0	—	0	—
8	12	1	—	0	—	0	—	0	—	0	—	0	—
9	—	0	—	0	—	0	—	0	—	0	20	1	20
10	24	2	20	360	20	280	20	240	22	3	24	640	24
11	30	1	8	80	—	0	—	0	28	2	—	0	—
12	20	3	24	160	24	160	24	120	20	5	20	1120	20
13	18	3	20	720	20	720	20	680	30	1	20	240	20
14	28	2	28	200	24	120	—	0	28	1	—	0	—
15	12	1	12	320	12	240	12	200	20	4	16	640	16
16	20	2	20	600	20	760	20	800	20	3	20	720	20
17	14	2	16	400	20	280	20	240	16	5	16	480	16
18	28	1	20	320	20	280	20	200	24	1	24	640	24
19	—	0	20	200	20	200	20	200	30	1	—	0	—
20	6	2	4	200	4	280	4	280	2	1	4	240	4
21	22	3	20	440	24	320	24	280	22	4	20	480	20
22	20	3	20	400	20	280	20	320	20	2	24	560	24
23	24	1	24	560	24	400	24	360	24	3	24	160	24
24	28	5	28	800	24	760	20	720	26	5	28	400	28
25	26	2	28	320	28	320	28	320	28	1	8	160	8
26	—	0	24	80	24	80	24	80	8	1	—	0	—
27	2	3	8	480	8	400	8	320	32	3	8	400	8
28	28	3	32	280	32	200	28	160	28	2	4	320	4
29	26	2	24	240	24	200	24	120	26	3	28	200	28
30	30	2	4	280	4	240	4	160	28	1	4	480	4
31	28	3	24	160	24	160	28	160	28	1	4	200	4

Tulelaev „Hiiumadal“

Das Leuchtschiff „Hiiumadal“

		Tuul Wind			Vool 7 h Strom			Tuul Wind 13h	Vool 13h Strom			Tuul Wind 21h	Vool 21h Strom																
		7h	0 m		10 m	20 m	0 m		10 m	20 m	0 m		10 m	20 m															
Juuni 1934.															J. Kaev.														
1	28	1	4	400	4	400	26	1	4	240	4	320	28	1	4	480	4	400	4	320									
2	20	1	—	0	—	0	24	1	4	120	4	160	4	0	—	8	160	8	200	4	200								
3	24	1	4	80	4	160	28	2	4	80	4	120	4	3	4	120	4	120	4	160									
4	30	1	4	240	4	280	30	1	4	560	4	480	4	4	400	4	160	4	240										
5	4	1	4	80	4	120	4	3	4	200	4	240	4	1	4	800	4	840	4	960									
6	6	4	8	1040	8	960	6	5	8	960	8	920	8	4	4	840	8	760	8	640									
7	4	2	8	80	8	120	4	3	8	400	8	480	8	2	2	160	4	240	4	320									
8	—	0	4	80	—	0	—	0	—	0	—	0	28	1	—	0	—	0	—	0									
9	6	3	8	480	8	400	6	3	8	240	8	240	8	3	4	120	4	120	32	80									
10	20	2	20	440	20	360	20	2	24	320	24	480	24	3	8	400	8	480	8	560									
11	2	3	8	320	8	320	6	1	8	800	8	720	8	3	8	360	8	360	8	400									
12	30	1	8	200	8	280	20	2	4	240	4	320	4	5	32	160	32	160	32	240									
13	28	2	8	240	8	320	8	3	8	280	8	360	8	4	8	200	8	240	8	280									
14	14	1	16	80	—	0	16	1	1	20	120	20	160	4	6	4	120	4	80	4	80								
15	32	4	32	200	32	200	32	3	4	720	4	760	4	4	8	560	8	600	8	640									
16	30	1	8	520	8	480	8	1	—	0	—	0	20	2	8	160	8	120	4	80									
17	18	2	8	240	8	120	20	3	20	200	20	160	20	3	20	280	20	280	20	320									
18	22	2	—	0	—	0	24	2	8	80	8	80	8	2	8	120	8	120	8	160									
19	24	1	8	80	8	80	8	1	—	0	—	0	—	0	20	80	20	80	—	0									
20	12	1	20	240	20	280	20	0	20	280	20	280	20	1	20	320	20	320	20	360									
21	20	2	20	400	20	520	20	3	20	320	20	320	20	3	20	280	20	360	20	400									
22	22	2	20	320	20	400	22	3	20	400	20	440	20	2	20	360	20	400	20	440									
23	12	3	16	240	16	280	20	5	12	240	4	240	12	2	4	0	—	0	12	80									
24	30	3	8	440	8	440	16	4	4	320	8	400	8	4	4	200	8	120	—	0									
25	28	1	8	80	8	200	8	1	8	120	8	120	8	1	4	160	4	160	4	160									
26	24	1	32	40	32	40	32	1	32	40	4	160	6	1	4	120	4	200	4	320									
27	—	0	—	0	—	0	—	0	0	8	80	8	80	8	0	8	160	8	120	12	80								
28	32	2	8	120	8	80	8	4	1	8	360	8	240	8	1	8	240	8	240	8	280								
29	4	1	16	80	8	40	8	40	1	12	160	8	80	8	1	12	240	8	160	8	160								
30	18	1	—	0	—	0	—	20	1	20	160	20	200	20	2	32	120	24	80	24	120								
Juuli 1934.															J. Kaev.														
1	20	2	20	120	20	120	20	2	4	240	4	240	4	5	8	160	8	160	8	120									
2	28	1	4	440	4	400	4	1	4	320	4	280	4	2	20	120	20	120	20	160									
3	18	2	32	120	32	80	32	2	—	0	—	0	20	1	32	80	32	160	32	240									
4	4	2	28	80	24	120	24	1	24	120	24	160	24	1	—	0	—	0	—	0									
5	26	1	—	0	—	0	—	30	1	4	160	4	320	4	1	16	320	16	480	16	560								
6	2	5	4	560	4	600	4	2	5	4	1040	4	1080	4	2	4	840	4	840	4	920								
7	10	1	8	80	12	120	12	1	4	400	4	480	4	2	1	4	640	4	560	4	480								
8	2	3	8	480	8	520	4	3	8	360	8	400	8	4	8	560	8	640	8	760									
9	32	3	8	1040	8	880	8	3	8	1120	8	960	8	32	4	8	1440	4	1280	4	1120								
10	30	4	6	1000	6	920	6	5	8	1080	8	1040	8	4	8	840	8	760	8	720									
11	28	3	4	480	8	360	8	3	4	960	4	800	4	1	4	560	4	480	4	400									
12	—	0	8	400	8	480	8	1	12	320	12	400	12	2	12	280	12	320	12	320									
13	8	1	8	560	8	640	8	2	12	400	12	480	12	0	4	280	4	320	4	400									
14	—	0	24	120	24	200	24	2	—	0	24	120	24	1	—	0	—	0	20	80									
15	28	1	8	240	8	160	8	1	8	960	8	800	8	3	4	320	4	480	4	640									
16	30	2	4	800	8	1000	8	2	8	240	8	320	8	2	8	360	8	440	8	560									
17	30	1	4	280	8	280	8	2	4	1040	4	880	4	2	4	800	4	720	4	640									
18	28	1	4	600	8	600	8	1	4	360	4	480	4	3	4	400	4	520	4	560									
19	28	1	8	640	8	800	8	1	4	720	4	560	4	3	8	720	8	640	8	560									
20	6	2	8	200	8	80	—	0	8	320	8	200	8	8	8	360	8	280	8	280									
21	8	1	—	0	—	0	—	8	2	12	320	12	480	12	1	8	160	8	240	8	320								
22	20	1	20	160	16	200	16	0	0	4	120	4	160	—	0	—	0	—	0	—									
23	32	1	4	160	4	160	4	1	12	560	12	480	12	3	8	400	8	320	8	360									
24	32	1	8	480	8	400	8	2	1	8	600	8	600	8	2	1	160	4	160	4	120								
25	4	1	—	0	—	0	—	2	1	8	160	8	240	8	1	—	0	—	0	—									
26	8	1	20	40	20	40	20	1	24	300	24	300	24	1	—	0	8	300	—	0									
27	18	1	20	240	20	60	20	1	12	300	16	450	16	1	16	210	12	120	16	270									
28	20	1	24	600	24	1030	24	2	20	600	20	360	20	3	18	660	22	720	22	1020									
29	16	3	20	390	20	300	20	1	24	720	22	780	24	1	24	660	24	300	24	900									
30	24	1	24	240	24	420	24	1	24	420	24	180	24	2	26	600	26	600	26	300									
31	16	3	26	600	26	540	26	3	4	240	8	300	4	3	4	960	4	900	32	600									

Tulelaev „Hiiumadal“

Das Leuchtschiff „Hiiumadal“

	Tuul Wind			Vool 7 h Strom			Tuul Wind	Vool 13 h Strom			Tuul Wind	Vool 21 h Strom															
	7 h			13 h	0 m	10 m		20 m	21 h	0 m		10 m	20 m														
		0 m	10 m											20 m													
Detsember 1934.														J. Kaev.													
1	28	6	4	560	4	640	4	800	28	5	4	560	4	480	4	400	26	3	4	480	4	400	4	320			
2	28	1	8	240	8	320	8	400	28	1	8	200	8	280	8	360	10	2	8	160	8	200	8	280			
3	14	2	16	200	16	240	16	240	14	2	8	160	8	200	8	240	14	2	8	160	8	160	8	240			
4	12	2	20	240	20	240	20	280	12	2	20	200	20	280	20	320	12	3	20	240	20	320	20	320			
5	10	5	12	560	12	640	12	720	10	6	20	800	20	800	20	920	12	5	20	840	20	840	20	960			
6	12	5	12	480	12	480	12	520	14	5	20	560	20	600	20	680	16	3	20	640	20	640	20	760			
7	16	3	20	640	20	680	20	720	16	3	20	560	20	560	20	640	16	3	20	520	20	520	20	560			
8	14	2	16	320	16	320	16	360	14	2	16	240	16	280	16	320	14	2	16	160	16	200	16	240			
9	16	3	16	240	16	280	16	320	16	3	20	480	20	580	20	520	16	2	20	480	20	520	20	560			
10	16	2	16	320	16	320	16	360	16	2	16	280	16	280	16	320	16	3	16	240	16	240	16	280			
11	16	2	16	240	16	360	16	400	14	3	16	400	16	400	16	480	14	3	16	480	16	480	16	520			
12	14	3	16	160	16	240	16	320	14	3	16	280	16	320	16	360	14	4	16	240	16	280	16	360			
13	12	4	16	200	20	160	20	200	12	3	20	240	20	240	20	280	16	3	20	240	20	280	20	280			
14	16	3	16	400	16	320	16	240	16	2	16	360	16	280	16	200	12	2	20	320	20	240	20	240			
15	10	2	16	240	20	160	20	160	10	1	4	240	4	240	4	280	8	1	4	280	4	280	4	320			
16	12	2	16	800	16	720	16	640	10	2	16	560	16	560	16	520	10	2	12	400	12	360	12	440			
17	10	3	8	320	12	320	8	240	10	3	4	160	4	160	4	200	12	3	4	160	4	120	4	240			
18	14	3	16	720	16	880	16	640	14	3	20	400	20	480	20	480	14	2	20	560	20	560	20	640			
19	14	3	16	320	16	320	16	360	14	3	16	720	16	640	16	560	14	3	16	640	16	520	16	480			
20	14	2	16	400	16	480	16	560	14	2	16	240	16	320	16	400	16	1	16	160	16	240	16	280			
21	16	2	16	160	16	200	16	240	16	2	20	120	20	120	20	160	16	1	20	80	20	80	20	120			
22	14	1	20	160	20	160	20	120	14	1	16	160	16	240	16	320	16	1	16	240	16	280	16	360			
23	8	1	—	0	—	0	—	0	8	3	20	120	20	120	20	80	6	4	20	80	20	80	20	80			
24	8	5	8	720	8	640	8	560	8	5	8	480	8	480	8	400	8	3	8	240	8	320	8	360			
25	8	3	12	200	16	240	16	320	8	2	8	360	8	360	8	320	12	2	8	480	8	480	8	360			
26	16	3	16	640	16	720	16	560	16	3	16	400	16	320	16	280	12	2	16	240	16	240	16	200			
27	14	1	8	320	4	360	4	320	14	1	8	240	8	240	8	280	12	3	8	160	8	160	8	240			
28	14	2	8	240	12	320	12	360	14	2	12	200	12	280	12	280	14	3	12	240	12	200	12	160			
29	14	3	12	280	12	200	12	160	14	3	16	240	16	240	16	160	12	5	16	240	16	240	16	160			
30	14	3	12	240	12	280	12	320	16	3	16	280	16	320	16	400	14	3	16	480	16	520	16	520			
31	16	4	16	640	16	800	16	1000	16	4	12	520	12	560	12	560	16	4	12	480	12	520	12	520			

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Käesolev väljaanne sisaldab Eesti tuletornidest ja tulelaevadel toimetatud merevee temperatuuri, soolsuse ja voolude ning tuule vaatlusi.

Vaatluskohdade geograafilised koordinaadid (põhjalaius ja idapikkus Greenwich'ist) on antud tabelite alul leiduva vaatluskoha nimetuse juures.

Instrumentid. Veepinna temperatuuri mõõtmiseks on tarvitatud 0,1° jaotustega Richter & Wiese veepinna termomeetreid, mis varustatud metallkaitsetega. Sügavustemperatuuri mõõtmiseks on tarvitatud Richter & Wiese pöörtermomeetreid ning soolsusproovide võtmiseks Witting'u batomeetreid. Voolu sihti ja kiirust, nii pinnal kui ka sügavamal, on mõõdetud ujuva boiga ja vooluristiga. Boiks on tarvitatud plekksilindrit, mille kõrgus 25 sm, läbimõõt 14.5 sm ja raskus 0.75 kg; vooluristikis tarvitati plekk-risti, mille raskus 2.5 kg ja tiiva suurus 25×50 sm. Kõik instrumendid on enne tarvitusele võtmist kontrollitud. Tuule sihti on märgitud kompasi järgi, kuna kiirust on hinnatud silmaga.

Soolsus on määratud tiitrimisega Tartus, kasutades prof. Knudseni poolt koostatud tabeleid.

Pindvaatlused. Veepinna temperatuuri on mõõdetud igal kuupäeval kell 7, 13 ja 21.

Soolsuseproovid pinnalt on võetud igal 1., 6., 11., 16., 21. ja 26. kuupäeval kella 13 ajal. Tabelites on antud veepinna temperatuur igal kuupäeval kell 13 ning all keskmine kell 7, keskmine kell 13 ja keskmine kell 21 ning nende all kuu keskmine s. o. keskmine ülalmainitud kolmest keskmisest. Samuti on tabelis antud iga kuu keskmine soolsus, mis on keskmine ülalmainitud kuuest vaatlusest.

Temperatuuri andmed on Celsius'e kraadides. Soolsuse andmed on promille (‰).

Sügavusvaatlused. Tabelites leiduv m täh. sügavust meetrites, t⁰ — temperatuuri Celsius'e kraadides ja S⁰/‰ — soolsust pro mille. Merevee temperatuuri ja soolsuse vaatlusi mitmesug. sügavustes on toimetatud kolm korda kuus, igal 1., 11. ja 21. kuupäeval kella 13 ajal. Üksikud kõrvalekalded nim. tähtaegadest, kui nad esinevad, on enamasti tingitud halvast ilmastikust.

Tulelaevadel „Tallinnal“ ja „Hiiumadalal“ on sügavusproovid otse laevalt võetud, samuti ka pindproovid, mis seetõttu täiesti sõltumatud on kohalikkudest oludest. Vaatluskohtades, kus sügavusproove üldse pole võetud, on kõik pindproovid võetud kaldasillalt.

Tuule ja veevoolu vaatlused. Tuule ja veevoolu vaatlusi on toimetatud kahel tulelaeval „Tallinnal“ ja „Hiiumadalal“, igal kuupäeval kell 7, 13 ja 21. Veevoolu vaatlusi kolmes sügavuses — pinnakihis, keskkihis ja põhjalähedases kihis. Üksikute talvekuude vaatlused puuduvad seetõttu, et laev on jääolude tõttu olnud sunnitud oma kohalt lahkuma. Tabelite alul leiduv m täh. sügavust meetrites, millisel on mõõdetud voolu sihti ning kiirust. Voolu kiirus on antud meeter/tunnis. Tuule kiirus on Beaufort'i pallides.

Tuule ja veevoolu siht on märgitud järgmise šifri järgi:

NNE : 2	SSW : 18
NE : 4	SW : 20
ENE : 6	WSW : 22
E : 8	W : 24
ESE : 10	WNW : 26
SE : 12	NW : 28
SSE : 14	NNW : 30
S : 16	N : 32

Vaikuse korral esineb sihi all kriips (—) ja kiiruse all null (0). Juhul, kui vaatlust pole tehtud, esineb mõlemil kohal kriips (—). Tuule ja veevoolu sihi all tuleb mõista seda ilmakaart, kust tuul puhub resp. vool tuleb.

Vaatlusmaterjali on läbi töötanud ja tabelitesse koostanud stud. math. Joh. Limberg.

K. Kirde.

Vorliegende Arbeit enthält die Ergebnisse der an Leuchttürmen u. Feuerschiffen angestellten Beobachtungen von Temperatur, Salzgehalt und Strömung des Seewassers, u. Wind.

Die geographischen Breiten u. Längen der Beobachtungspunkte sind bei den betreffenden Tabellen angegeben.

Bei den Beobachtungen wurden folgende Instrumente verwendet. Für die Oberflächenbeobachtungen: Oberflächenthermometer (Einteilung $0,1^\circ$) mit Schutzvorrichtung aus Metall von Richter & Wiese; für die Tiefenbeobachtungen: Umkippthermometer von Richter & Wiese; zur Entnahme der Wasserproben für Salzgehaltbestimmung: Witting'sche Bathometer. Die Strommessungen an der Oberfläche sowie in der Tiefe sind mit Schwimmkörper u. Senkkreuz ausgeführt. Als Schwimmkörper wurde ein Blechzylinder (Höhe 25 cm, Durchmesser 14.5 cm, Gewicht 0.75 kg) und als Senkkreuz ein Blechkreuz (Gewicht 2.5 kg, Flügelgrösse 25×50 cm) benutzt.

Alle Instrumente sind vor Gebrauch einer Kontrolle unterzogen worden.

Die Windrichtung wurde nach dem Kompass bestimmt, die Windstärke nach der Beaufort-Skala abgeschätzt.

Der Salzgehalt des Seewassers wurde in Tartu durch Titrierung bestimmt, wobei die von Prof. Knudsen zusammengestellten Tabellen Verwendung fanden.

Oberflächenbeobachtungen. Die Oberflächentemperatur wurde täglich um 7, 13 und 21 Uhr gemessen. Die Wasserprobeentnahmen zur Bestimmung des Salzgehaltes an der Oberfläche wurden um 13 Uhr am 1., 6., 11., 16., 21. und 26. eines jeden Monats angestellt. In den Tabellen ist die Oberflächentemperatur um 13 Uhr für jeden Tag angegeben sowie die mittlere Temperatur um 7, 13 u. 21 Uhr; unterhalb der letzteren steht das Monatsmittel. Gleichfalls ist in der Tabelle das Monatsmittel des Salzgehaltes gegeben.

Tiefenbeobachtungen. Die Buchstaben in der Tabelle bedeuten: m — Tiefe in Metern, t — Temperatur ($^\circ$), S°_{∞} — Salzgehalt pro mille. Die Temperaturbeobachtungen sowie die Wasserprobeentnahmen von verschiedenen Tiefen sind 3 mal monatlich gemacht worden: an jedem 1., 11. und 21. des Monats um 13 Uhr. Einzelne Abweichungen von den genannten Terminen sind durch schlechte Witterung bedingt.

Auf den Feuerschiffen „Tallinn“ und „Hiiumadal“ wurden die Tiefenproben direkt von Deck aus genommen ebenso wie die Oberflächenproben, wodurch die letzteren von jeglichen örtlichen Einflüssen vollkommen frei sind.

An Beobachtungspunkten, an denen keine Tiefenbeobachtungen gemacht wurden, sind die Oberflächenproben ausschliesslich vom Uferstege aus entnommen worden.

Wind- u. Strombeobachtungen. Die Beobachtungen von Wind und Strom (in 3 Tiefen) wurden täglich um 7, 13 u. 21 Uhr auf zwei Feuerschiffen („Tallinn“ und „Hiiumadal“) angestellt. Es fehlen die Beobachtungen in einigen Wintermonaten, da die Schiffe schwieriger Eisverhältnisse wegen gezwungen waren den Ort zu verlassen.

In den Tabellen bedeutet m die Tiefe in Metern, in welcher Richtung u. Stärke des Stromes gemessen wurden. Die Stromstärke ist in Metern pro Stunde, die Windgeschwindigkeit in Beaufort gegeben. Die Wind- und Stromrichtung ist nach folgender Chiffre notiert.

NNE : 2	SSW : 18
NE : 4	SW : 20
ENE : 6	WSW : 22
E : 8	W : 24
ESE : 10	WNW : 26
SE : 12	NW : 28
SSE : 14	NNW : 30
S : 16	N : 32

Ein Strich (—) an Stelle der Richtung und Null (0) an Stelle der Wind-, bzw. Stromstärke, bedeuten Stille. Ein Strich in beiden Rubriken bedeutet, dass die Beobachtung ausgeblieben ist.

Als Wind- und Stromrichtung ist die Richtung angegeben, aus welcher der Wind weht, bzw. der Strom kommt.

Die Bearbeitung der Beobachtungen für die Veröffentlichung erfolgte durch stud. math. Joh. L i m b e r g.

K. Kirde.
