LATVIJAS UNIVERSITATES ĢEOFIZIKAS UN METEOROLOĢIJAS INSTITŪTA DARBI.

ARBEITEN DES INSTITUTS FÜR GEOPHYSIK UND METEOROLOGIE AN DER UNIVERSITÄT LETTLANDS

№ 29

Juris Baumanis

Latvijas Universitates Meteoroloģijas Observatorijas novērojumu desmit gadu (1926.—1930. un 1931.—1935.) pārskats.

Beobachtungen des Meteorologischen Observatoriums der Lettländischen Universität in Riga. Uebersicht 1926—1930 und 1931—1935.

(Ģeografiskie raksti VI no 145.—163. lpp. 1938.)

Rīgā, 1938.

LATVIJAS ĢEOGRAFIJAS BIEDRĪBAS IZDEVNIECĪBA

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Observatorija atrodas Rīgā, geogr. platums $\varphi = 56^0 57'$ N; ģeografiskais garums $\lambda = 24^0 6'$ E; starpība starp lietoto un Griničas laiku $\Delta G = +1$ st. 36,5 min; stacijas (zemes virsas) augstums virs jūras līmeņa $H_s = 2{,}8$ m; barometra nulles punkta augstums virs jūras līmeņa $H_b = 20.5$ m; termometra augstums virs zemes $h_t = 2.0$ m; nokrišņu mērītāja uztverošās virsas augstums virs zemes $h_r = 2.0$ m; anemometra augstums virs zemes $h_a = 28.8$ m; vēja virziena rādītāja augstums virs zemes $h_d = 31.0$ m.

Šai pārskatā stipri saīsinātā veidā sakopoti Latv. Universitates Meteoroloģijas Observatorijas novērojumi laikā no 1926. g. līdz 1930. g. un no 1931. līdz 1935. g. Paskaidrojumi par novērošanas apstākļiem un gaitu atrodami līdz šim publicēto gadgājumu (līdz 1933. g. iesk.) ievadrakstos. 1934. un 1935. gada novērojumi ir apstrādāti, bet vēl nav publicēti. Jāatzīmē, ka šajos gados kārtējā novērošanā nekādu sevišķu pārgrozību nav bijis. Ņemot vērā, ka 1928. gadā mainīts barometra augstums virs jūras līmeņa no 6 m uz 20,5 m, še visas iepriekšējo gadu (1926. un 1927. g.) gaisa spiediena vērtības pārrēķinātas uz augstumu 20.5 m.

Nokrišņu un ūdens iztvaikojuma summas reducētas uz vienu gadu, turpretim vēju atkārtošanās tabulās dotas **summas** par 5 gadiem. Par dienu ar vētru skaitīta tāda, kad tā vispār novērota, tā tad neatkarīgi no vērošanas termiņiem.

Saules spīduma dati tagad pārstrādāti, kādēļ še dotie skaitļi nedaudz atšķiras no agrāk publicētiem datiem. Tabulās sastopamie burti un zīmes lietotas pēc iespējas saskaņā ar starptautiskā klimatoloģijas komisijā un direktoru konferencē 1935. gadā izstrādātām instrukcijām novērošanas datu sakopošanai. Bez tam še lietoti vēl daži citi apzīmējumi.

Burtu nozīme. Bedeutung der Buchstaben.

a	Tvaika spiediens. Dampfdruck.
$\bar{a}$	Vidējais tvaika spiediens. Dampfdruckmittel.
Δ a	Piesātināšanas deficits. Sättigungsdefizit.
$\Delta \bar{a}$	Vidējais piesātināšanas deficits. Mittel des Sättigungsdefizits.
E	Iztvaikojums. Verdunstung.
$\bar{E}$	Vidējais iztvaikojums. Mittlere Verdunstung.
F.	Vēja stiprums. Windstärke.
$\bar{F}$	Vidējais vēja stiprums. Mittlere Windstärke.
M	Vidējā vērtība. Mittelwert.
Max	Maksimums. Maximum.
Min	Minimums. Minimum.
N	Apmākšanās. Bewölkung.
$\bar{N}$	Vidējā apmākšanās. Mittlere Bewölkung.
$\bar{N}<2$	Skaidrās dienas. Heitere Tage.
$\bar{N}>8$	Apmākušās dienas. Trübe Tage.
n	Atkārtošanās. Zall der Fälle.
n D	Vēja virzienu atkārtošanās. Häufigkeit der Windrichtungen.
P	Gaisa spiediens. Luftdruck.
$\bar{P}$	Vidējais gaisa spiediens. Luftdruckmittel.
P_n	Minimālais gaisa spiediens. Luftdruckminimum.
P_x	Maksimālais gaisa spiediens. Luftdruckmaximum.
R	Nokrišņi. Niederschlag.
R_x	Nokrišņu maksimums diennaktī. Niederschlagsmaximum in 24 Stunden.
R %	Nokrišņi procentos. Niederschläge in Prozenten.
T	Gaisa temperatūra. Lufttemperatur.
$\bar{T}$	Vidējā gaisa temperatura. Mittel der Lufttemperatur.
T_E	Zemes temperatura. Bodentemperatur.
$\bar{T}_E$	Vidējā zemes temperatura. Mittel der Bodentemperatur.
T_n	Minimālā gaisa temperatura. Minimum der Lufttemperatur.
$\bar{T}_n$	Vidējā minimālā gaisa temperatura. Mittleres Minimum der Lufttemperatur.
T_x	Maksimalā gaisa temperatūra. Maximum der Lufttemperatur.
$\bar{T}_x$	Vidējā maksimālā gaisa temperatura. Mittleres Maximum der Lufttemperatur.
U	Relatīvais mitrums. Relative Feuchtigkeit.
$\bar{U}$	Vidējais relatīvais mitrums. Mittel der relativen Feuchtigkeit.
Σ	Summa. Summe.
$\odot_h$	Saules spīduma ilgums stundās. Sonnenscheindauer in Stunden.
$\odot$ %	Relatīvais saules spīduma ilgums. Relative Sonnenschein dauer.

$P_{700\ mm}+$

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	$\overline{P}$
1926. — 1930.	I	61.7	61.7	61.7	61.7	61.6	61.5	61.5	61.5	61.7	61.8	61.8	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.9	62.0	62.0	62.1	61.82
	II	64.6	64.6	64.6	64.5	64.6	64.6	64.6	64.6	64.7	64.7	64.8	64.7	64.7	64.7	64.6	64.5	64.6	64.6	64.6	64.6	64.7	64.8	64.8	64.9	64.64
	III	59.1	59.0	58.8	58.8	58.8	58.7	58.7	58.6	58.8	58.8	58.7	58.7	58.8	58.8	58.7	58.6	58.5	58.6	58.6	58.7	58.8	58.8	58.7	58.7	58.79
	IV	57.0	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.1	57.1	57.2	57.1	57.1	57.0	57.0	56.8	56.8	56.8	56.9	57.0	57.0	57.1	57.1	57.1	57.00
	V	58.1	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.1	58.0	58.0	57.9	57.9	57.9	58.0	58.1	58.1	58.2	58.2	58.06
	VI	57.0	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.0	57.0	56.9	56.9	56.9	56.9	57.1	57.1	57.2	57.1	57.12
	VII	56.0	55.9	55.9	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9	55.8	55.8	55.7	55.7	55.7	55.7	55.7	55.8	55.9	55.9	55.9	55.9	55.84
	VIII	57.3	57.3	57.2	57.1	57.2	57.2	57.3	57.2	57.3	57.4	57.4	57.4	57.4	57.5	57.4	57.4	57.4	57.4	57.5	57.6	57.7	57.7	57.6	57.6	57.20
	IX	59.5	59.4	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.5	59.5	59.5	59.5	59.5	59.4	59.4	59.3	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.42
	X	55.4	55.4	55.3	55.3	55.2	55.2	55.2	55.3	55.4	55.5	55.5	55.4	55.4	55.4	55.3	55.3	55.3	55.4	55.5	55.5	55.5	55.5	55.4	55.4	55.38
	XI	56.7	56.7	56.7	56.6	56.6	56.5	56.5	56.5	56.6	56.6	56.6	56.5	56.4	56.4	56.4	56.4	56.4	56.5	56.5	56.6	56.7	56.8	56.8	56.8	56.57
	XII	61.7	61.7	61.6	61.6	61.4	61.3	61.2	61.1	61.3	61.4	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.4	64.5	61.5	61.6	61.7	61.7	61.43
	M	58.69	58.64	58.59	58.55	58.52	58.53	58.52	58.51	58.62	58.66	58.67	58.63	58.62	58.59	58.55	58.51	58.50	58.51	58.57	58.63	58.70	58.75	58.75	58.74	58.62
1931. — 1935.	I	62.4	62.4	62.4	62.3	62.3	62.2	62.1	62.1	62.1	62.2	62.2	62.1	62.0	62.0	61.9	61.9	62.0	62.0	62.0	62.1	62.1	62.2	62.3	62.3	62.15
	II	57.4	57.3	57.2	57.1	57.1	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.0	57.1	57.2	57.2	57.3	57.3	57.4	57.5	57.5	57.17
	III	59.7	59.7	59.6	59.5	59.5	59.5	59.5	59.5	59.6	59.7	59.7	59.7	59.6	59.6	59.5	59.4	59.4	59.4	59.5	59.6	59.6	59.7	59.8	59.8	59.58
	IV	57.2	57.2	57.1	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.0	57.0	56.9	56.8	56.9	57.0	57.2	57.3	57.3	57.3	57.3	57.07
	V	59.0	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.1	59.1	59.1	59.0	59.0	58.9	58.8	58.8	58.7	58.7	58.7	58.8	58.9	58.9	59.0	59.0	58.91
	VI	57.5	57.5	57.5	57.4	57.5	57.5	57.6	57.6	57.6	57.6	57.7	57.7	57.6	57.6	57.5	57.4	57.3	57.4	57.4	57.4	57.6	57.6	57.6	57.7	57.53
	VII	56.2	56.2	56.1	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.0	55.9	55.8	55.8	55.8	55.8	55.8	55.9	56.0	56.1	56.1	56.2	56.03
	VIII	57.4	57.4	57.3	57.3	57.3	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.4	57.4	57.3	57.2	57.2	57.2	57.2	57.3	57.4	57.5	57.5	57.5	57.36
	IX	58.0	58.0	57.9	57.8	57.7	57.7	57.7	57.8	57.9	58.0	58.0	58.1	58.1	58.0	58.0	58.0	57.9	58.0	58.1	58.1	58.2	58.2	58.2	58.1	57.98
	X	55.9	55.8	55.8	55.7	55.7	55.6	55.6	55.7	55.9	55.9	55.9	55.9	55.8	55.8	55.7	55.6	55.6	55.8	55.8	55.8	55.9	55.9	55.8	55.8	55.78
	XI	62.7	62.7	62.6	62.6	62.5	62.5	62.5	62.5	62.7	62.8	62.7	62.7	62.6	62.5	62.5	62.5	62.6	62.6	62.7	62.7	62.8	62.9	62.9	62.9	62.64
	XII	60.9	60.8	60.8	60.7	60.7	60.6	60.5	60.6	60.7	60.8	60.8	60.7	60.7	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.9	60.9	60.9	60.72
	M	58.69	58.65	58.59	58.53	58.51	58.49	58.49	58.53	58.62	58.66	58.66	58.63	58.58	58.53	58.47	58.44	58.43	58.46	58.51	58.57	58.66	58.70	58.74	58.73	58.54

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		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	T
1926. — 1930.	I	—4.6	—4.7	—4.8	—4.9	—4.9	—4.9	—5.0	—5.1	—5.0	—4.8	—4.4	—4.0	—3.6	—3.5	—3.6	—3.8	—4.0	—4.2	—4.3	—4.4	—4.5	—4.5	—4.6	—4.7	— 4.05
	II	—6.2	—6.3	—6.4	—6.5	—6.6	—6.7	—6.7	—6.7	—6.4	—5.9	—5.2	—4.7	—4.3	—4.1	—4.1	—4.3	—4.6	—4.9	—5.2	—5.4	—5.5	—5.7	—5.9	—6.0	— 5.61
	III	—1.4	—1.6	—1.8	—1.9	—2.1	—2.2	—2.1	—1.7	—0.9	—0.2	0.6	1.2	1.7	1.8	1.9	1.7	1.3	0.7	0.2	—0.1	—0.4	—0.7	—0.9	—1.0	— 0.33
	IV	2.8	2.5	2.2	2.0	1.9	1.9	2.6	3.3	4.5	5.2	6.2	6.6	7.3	7.5	7.6	7.6	7.1	6.6	5.8	5.1	4.5	4.2	3.7	3.3	4.66
	V	8.9	8.6	8.3	9.1	8.3	8.7	9.9	10.8	12.2	12.9	13.7	13.9	14.3	14.3	14.2	13.9	13.5	13.1	12.4	11.5	10.7	10.2	9.7	9.4	11.31
	VI	11.7	11.3	11.1	11.0	11.3	11.8	12.0	13.6	14.9	15.8	16.5	16.9	17.3	17.4	17.4	17.1	16.8	16.4	15.7	15.0	15.0	15.2	14.6	14.3	14.33
	VII	15.2	14.9	14.5	14.3	14.6	15.1	16.1	17.1	18.5	19.4	20.1	20.5	20.0	20.9	20.9	20.7	20.4	20.0	19.4	18.6	17.5	16.7	16.1	15.6	17.82
	VIII	14.4	14.2	13.9	13.7	13.7	13.9	14.6	15.5	17.1	17.9	18.5	19.0	19.3	19.4	19.4	19.2	18.8	18.3	17.4	16.6	16.0	15.4	15.0	14.6	16.49
	IX	10.3	10.2	9.9	9.8	9.6	9.6	9.9	10.6	12.1	13.1	14.1	14.6	15.1	15.1	14.9	14.6	14.0	13.3	12.4	11.9	11.3	10.9	10.6	10.4	12.00
	X	6.2	6.0	5.9	5.9	5.8	5.7	5.7	6.1	7.0	7.5	8.3	8.7	9.1	9.1	9.0	8.7	8.0	7.9	7.5	7.2	6.9	6.7	6.5	6.4	7.14
	XI	3.2	3.2	3.1	3.1	2.9	2.8	2.9	2.9	3.0	3.3	3.7	4.0	4.2	4.3	4.2	4.0	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.2	3.45
	XII	—3.3	—3.3	—3.4	—3.4	—3.4	—3.4	—3.4	—3.3	—3.3	—3.1	—2.8	—2.6	—2.3	—2.3	—2.5	—2.6	—2.7	—2.9	—3.0	—3.2	—3.3	—3.4	—3.4	—3.5	— 3.06
	M	4.78	4.59	4.38	4.27	4.25	4.36	4.80	5.25	6.14	6.74	7.45	7.82	8.24	8.31	8.26	8.05	7.74	7.32	6.83	6.35	5.87	5.52	5.22	5.01	6.14
1931. — 1935.	I	—4.4	—4.5	—4.5	—4.6	—4.6	—4.5	—4.6	—4.7	—4.6	—4.4	—4.0	—3.6	—3.2	—3.1	—3.2	—3.4	—3.5	—3.6	—3.8	—3.9	—4.0	—4.1	—4.1	—4.3	— 4.04
	II	—4.5	—4.6	—4.6	—4.6	—4.7	—4.7	—4.7	—4.7	—4.4	—4.0	—3.4	—3.0	—2.7	—2.7	—2.8	—3.0	—3.2	—3.5	—3.7	—3.8	—4.0	—4.2	—4.4	—4.4	— 3.93
	III	—2.7	—2.9	—3.2	—3.4	—3.6	—3.8	—3.8	—3.4	—2.6	—2.3	—0.6	0.1	0.8	0.9	1.0	0.8	0.3	—0.3	—0.9	—1.3	—1.6	—1.8	—2.1	—2.4	— 1.59
	IV	3.3	3.1	2.8	2.6	2.4	2.5	3.1	4.0	5.4	6.3	7.1	7.7	8.1	8.2	8.2	7.9	7.6	7.0	6.2	5.5	4.9	4.5	4.2	3.9	5.26
	V	9.5	9.3	8.9	8.8	8.9	9.3	10.4	11.3	12.6	13.5	14.2	14.6	15.0	15.0	14.9	14.7	14.4	13.8	13.2	12.0	11.4	10.9	10.4	10.1	11.97
	VI	12.2	11.9	11.6	11.4	11.7	12.5	13.6	14.5	16.0	16.9	17.5	17.8	18.1	18.2	18.2	18.0	17.7	17.3	16.8	16.0	14.6	13.9	13.2	12.8	15.10
	VII	15.8	15.6	15.3	15.1	15.3	15.8	16.8	17.6	18.8	19.6	20.3	20.9	21.3	21.3	21.3	21.1	20.9	20.4	19.7	18.9	17.9	17.2	16.7	16.3	18.35
	VIII	14.7	14.4	14.1	13.8	13.8	14.1	14.8	15.7	17.1	18.1	18.8	19.4	19.9	19.8	19.9	19.6	19.3	18.7	17.7	16.9	16.2	15.7	15.3	14.9	16.77
	IX	11.2	11.0	10.7	10.5	10.3	10.3	10.6	11.3	12.8	13.9	14.8	15.4	16.0	16.0	15.9	15.6	15.1	14.2	13.5	12.8	12.4	12.1	11.7	11.4	12.90
	X	6.9	6.8	6.6	6.5	6.4	6.3	6.3	6.5	7.3	8.1	8.8	9.3	9.7	9.7	9.6	9.2	8.8	8.3	7.9	7.6	7.4	7.2	7.0	6.9	7.70
	XI	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.5	1.9	2.3	1.7	3.0	3.0	2.8	2.6	2.3	2.1	2.0	1.8	1.7	1.5	1.4	1.3	1.86
	XII	—1.9	—2.0	—2.0	—2.0	—2.1	—2.1	—2.0	—2.1	—2.0	—1.8	—1.6	—1.4	—1.1	—1.1	—1.3	—1.5	—1.7	—1.7	—1.7	—1.8	—1.8	—1.9	—2.0	—2.0	— 1.77
	M	5.12	4.95	4.75	4.62	4.60	4.76	5.13	5.65	6.49	7.22	7.88	8.33	8.74	8.78	8.72	8.48	8.17	7.71	7.23	6.73	6.25	5.91	5.61	5.37	6.57

R %

		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Rmm
1926—1930	I	4	3	5	4	4	4	6	4	5	4	6	8	2	2	2	2	5	5	4	4	2	5	4	5		21.3
	II	3	4	4	4	5	5	3	2	2	2	3	3	6	5	7	9	6	7	7	4	2	2	2	2		21.2
	III	6	7	5	5	6	9	8	4	7	8	7	4	4	4	3	2	0	0	2	2	1	1	2	3		29.5
	IV	5	4	2	4	2	4	9	5	3	1	6	6	4	2	3	4	5	4	5	3	4	7	3	5		41.0
	V	9	4	2	2	4	4	3	3	2	2	3	2	5	4	4	5	6	5	5	4	5	5	4	6		76.4
	VI	3	3	3	4	4	3	3	4	3	2	3	4	6	3	4	6	8	6	6	6	3	5	3	4		73.5
	VII	6	4	1	2	2	3	2	4	2	6	6	5	4	7	5	4	3	6	4	3	4	5	2	9		70.4
	VIII	5	6	3	3	3	3	3	4	2	3	4	3	6	7	4	4	4	5	4	4	4	5	5	7		85.1
	IX	4	6	7	4	5	4	4	4	5	3	2	2	4	5	5	6	5	4	4	3	4	5	3	2		86.9
	X	3	3	4	4	4	4	5	5	5	4	4	3	3	3	3	6	6	3	3	4	5	6	5	4		87.1
	XI	5	5	3	2	4	5	5	4	5	6	7	5	5	5	4	3	4	4	2	3	4	3	4	3		91.1
	XII	3	4	3	3	5	4	6	4	3	3	4	5	3	5	4	5	4	5	7	4	4	5	3	4		29.9
	M	4.9	4.5	3.6	3.2	3.7	4.1	4.0	4.0	3.4	3.9	4.4	3.8	4.6	4.9	4.0	4.7	4.9	4.7	4.2	3.6	3.8	4.7	3.6	4.9		713.3
1931—1935	I	4	4	3	4	3	4	4	6	6	6	5	5	6	5	4	5	4	3	4	3	4	3	3	6		39.3
	II	5	3	2	3	4	3	4	2	4	4	4	6	7	8	5	4	2	3	5	5	5	4	4	4		29.7
	III	2	1	1	3	5	5	5	7	4	6	2	2	5	3	3	4	3	3	7	7	3	6	7	3		27.2
	IV	2	5	6	5	6	7	2	4	4	4	3	5	7	3	3	4	3	6	5	5	3	2	4	4		37.7
	V	2	1	3	5	5	2	2	2	5	4	2	2	5	4	4	4	5	6	8	8	8	3	3	4		66.6
	VI	6	5	4	4	3	3	1	2	2	1	1	3	9	2	3	4	11	6	5	10	5	4	4	3		74.6
	VII	1	4	4	2	1	2	1	2	2	2	4	3	1	4	7	11	9	5	12	5	10	6	2	2		83.4
	VIII	1	2	2	3	2	3	3	7	3	4	3	4	4	8	6	8	2	6	10	8	5	2	3	2		84.3
	IX	5	7	6	7	5	6	4	4	3	4	8	6	1	3	2	3	1	2	4	4	4	6	6	2		66.8
	X	3	2	4	5	4	4	3	3	4	3	2	3	3	5	5	7	6	6	5	5	4	6	5	4		67.8
	XI	2	4	5	3	5	6	2	2	4	5	5	6	6	8	8	5	3	5	4	2	2	3	3	3		35.2
	XII	3	3	4	5	5	4	6	6	6	10	9	7	5	2	2	5	3	1	1	2	5	4	3	1		31.2
	M	2.9	3.4	3.7	4.1	3.6	3.6	2.5	3.8	3.4	3.9	3.7	3.9	4.5	4.4	4.4	5.8	5.2	4.7	6.6	5.7	5.3	4.2	3.6	3.0		643.9

		$P_{700\ mm}+$			T							F				N				a				U				△a			
		$\bar{P}$	P_x	P_n	$\bar{T}$	T_x	$\bar{T}_x$	T_n	$\bar{T}_n$	$T_x \leq 0°$	$T_x \geq 25°$	$T_n \leq 0°$	7^h	13^h	21^h	$\bar{F}$	7^h	13^h	21^h	$\bar{N}$	7^h	13^h	21^h	$\bar{a}$	7^h	13^h	21^h	$\bar{u}$	7^h	13^h	21^h	$\Delta\bar{a}$
1926 — 1930	I	61.7	**88.8**	36.1	—4.4	6.0	—2.1	—25.0	—7.1	17.0	0	26.8	3.2	3.2	3.2	3.2	8.1	8.4	7.9	8.1	3.0	3.1	3.0	3.1	85.1	81.4	83.6	83.4	0.4	0.6	0.5	0.5
	II	64.7	82.5	**30.4**	—5.5	5.5	—2.8	**—27.7**	—8.6	17.6	0	26.4	2.8	3.1	2.9	2.9	8.0	7.8	7.7	7.8	2.8	2.9	2.8	2.8	86.5	78.7	84.6	83.2	0.4	0.7	0.5	0.5
	III	58.7	79.8	33.8	—0.2	12.5	2.9	—20.6	—3.6	6.6	0	21.8	3.0	3.7	3.1	3.2	7.1	6.9	6.1	6.7	3.6	3.9	3.8	3.7	87.2	72.8	81.7	80.6	0.5	0.5	0.8	1.0
	IV	57.1	75.2	33.8	4.8	23.5	8.7	— 8.6	1.0	0.8	0	10.8	2.7	3.5	2.7	3.0	7.6	7.3	6.9	7.2	4.6	4.9	4.9	4.8	81.6	62.8	75.8	73.4	1.0	3.2	1.7	2.0
	V	58.1	73.6	33.1	11.6	28.0	19.8	— 2.0	6.9	0	1.8	1.4	2.9	3.7	2.9	3.2	6.7	6.9	6.3	6.6	7.4	7.7	7.5	7.5	78.5	62.9	76.7	72.8	2.1	5.3	2.6	3.3
	VI	57.1	69.8	38.4	14.7	28.9	18.8	1.6	10.0	0	3.4	0	3.0	3.7	2.5	3.1	6.5	6.9	5.8	6.4	8.9	8.8	8.9	8.8	78.7	60.0	74.2	70.9	2.5	6.6	3.3	4.1
	VII	55.8	67.4	40.3	18.1	**31.9**	22.3	7.2	13.6	0	8.0	0	2.6	3.5	2.3	2.8	6.8	6.8	5.6	6.4	11.2	11.2	11.3	11.2	81.7	61.6	75.6	72.9	2.7	7.6	3.8	4.6
	VIII	57.4	71.7	39.7	16.7	28.2	20.6	7.9	12.8	0	2.9	0	2.8	3.6	2.6	3.0	6.8	7.7	5.9	6.8	11.0	11.1	11.1	11.0	87.4	67.1	81.5	78.7	1.6	5.8	2.6	3.3
	IX	59.5	73.5	40.7	12.1	24.4	16.0	0.9	8.4	0	0	0	2.4	3.2	2.4	2.7	7.8	7.5	5.2	6.8	8.3	8.7	8.5	8.5	89.8	68.3	84.3	80.8	1.0	4.3	1.6	2.3
	X	55.4	73.2	33.0	7.3	19.5	10.1	—4.9	4.5	0	0	4.4	3.1	3.7	3.1	3.3	8.3	8.4	7.1	7.9	6.4	6.9	6.6	6.7	90.8	77.7	86.4	85.0	0.6	2.0	1.0	1.2
	XI	56.5	85.4	32.3	3.5	13.4	5.3	—16.0	1.5	2.8	0	7.0	2.9	3.1	3.1	3.0	9.2	9.1	8.0	8.7	5.4	5.6	5.5	5.5	91.6	87.6	90.0	89.8	0.5	0.8	0.6	0.6
	XII	61.3	78.9	34.5	—3.0	7.5	—0.9	—20.1	—5.4	16.2	0	25.0	2.9	3.1	3.2	3.0	8.4	8.6	8.2	8.4	3.4	3.5	3.4	3.4	86.4	83.4	85.9	85.2	0.4	0.6	0.5	0.5
	M	58.6	88.8	30.4	6.3	31.9	9.5	—27.7	2.9	61.0	16.0	123.6	2.8	3.5	2.8	3.0	7.6	7.7	6.7	7.3	6.3	6.5	6.5	6.4	85.4	72.0	81.7	79.7	1.1	3.3	1.6	2.0
1931 — 1935	I	62.1	83.1	**12.2**	—4.0	7.0	—1.9	**—23.4**	—6.4	16.6	0	26.4	3.3	3.4	3.4	3.3	8.3	8.7	8.0	8.3	3.2	3.3	3.3	3.3	88.5	83.5	87.0	86.3	0.4	0.6	0.4	0.5
	II	57.1	79.6	26.2	—3.7	6.9	—1.1	—21.6	—7.0	15.4	0	25.0	3.2	3.4	3.2	3.2	8.3	8.7	7.5	8.2	3.1	3.1	3.1	3.1	86.9	77.8	84.2	83.0	0.4	0.8	0.5	0.6
	III	59.6	83.5	34.0	—1.5	14.6	2.2	—23.0	—5.0	11.0	0	24.4	2.7	3.4	2.9	3.0	7.5	7.5	6.4	7.1	3.3	3.5	3.5	3.5	87.5	69.5	81.9	79.6	0.4	1.6	0.7	1.5
	IV	57.1	73.6	35.0	5.4	25.0	9.4	— 7.4	0.2	0.6	0.2	11.0	2.7	3.4	2.6	2.9	6.5	6.9	6.1	6.5	4.8	4.9	5.0	4.9	82.9	61.6	75.7	73.4	1.1	3.6	1.8	2.2
	V	58.9	71.2	43.9	12.3	28.5	16.5	— 3.0	7.7	0	2.6	0.8	2.6	3.4	2.5	2.8	6.6	7.1	6.5	6.7	7.5	7.7	7.7	7.7	77.9	60.3	75.3	71.2	2.2	5.8	2.7	3.5
	VI	57.6	70.1	42.4	15.4	**30.9**	19.6	1.5	10.5	0	3.8	0	2.8	3.7	2.5	3.0	6.1	6.7	5.4	6.1	9.0	9.1	9.2	9.1	76.7	58.6	72.5	69.3	2.8	7.0	3.6	4.5
	VII	56.0	66.7	35.3	18.7	30.6	22.7	8.9	14.3	0	8.2	0	2.6	3.6	2.3	2.8	7.1	6.9	6.6	6.9	11.8	11.7	12.0	11.9	82.6	62.4	78.7	74.6	2.5	7.7	3.4	4.5
	VIII	57.4	67.5	38.3	16.9	29.4	21.0	7.5	12.9	0	3.8	0	2.4	3.2	2.3	2.6	7.5	7.5	6.0	7.0	11.2	11.4	11.9	11.4	88.4	66.7	83.9	79.7	1.5	6.1	2.3	3.3
	X	58.0	70.6	32.0	13.0	27.7	16.9	— 2.4	9.3	0	1.2	0.2	2.7	3.7	2.7	3.0	7.4	7.3	5.5	6.7	8.7	9.2	9.1	9.0	89.5	67.4	82.5	79.7	1.1	4.8	1.9	2.6
	XI	55.8	75.2	28.6	7.8	21.5	10.7	— 3.9	4.9	0	0	3.0	2.9	3.4	3.0	3.1	8.2	8.3	7.2	7.9	6.7	7.0	6.9	6.9	90.7	76.6	86.9	84.8	0.7	2.3	1.1	1.3
	IX	62.6	**86.3**	40.2	2.0	13.0	3.9	—15.0	—0.2	6.4	0	13.0	3.0	3.1	3.2	3.1	8.4	8.4	8.1	8.3	4.7	4.9	4.7	4.7	88.1	81.0	86.3	85.5	0.6	1.1	0.7	0.8
	XII	60.6	82.7	22.6	—1.6	8.2	0.2	—18.3	—3.7	11.4	0	24.4	3.2	3.2	3.2	3.2	8.6	8.5	8.6	8.6	3.7	3.8	3.7	3.7	87.5	84.4	86.9	86.3	0.5	0.6	0.5	0.6
	M	58.6	86.3	12.2	6.7	**30.9**	10.0	—23.4	3.2	61.4	19.8	128.2	2.8	3.4	2.8	3.0	7.5	7.7	6.8	7.3	6.5	6.6	6.6	6.6	85.6	70.9	81.8	79.4	1.2	3.5	1.6	2.1

	E			R								n																				
	7^h-21^h	21^h-7^h	7^h-7^h	7^h-21^h	21^h-7^h	7^h-7^h	R_x	≥ 0.1	≥ 0.2	≥ 0.5	≥ 1.0	≥ 10.0	●	✳	▲	△	○	☾	∨	▷	⊔	≡	☃	⊠	⊢	⊆	↘	$\bar{N}\vee 2$	$\bar{N}\wedge 8$	⊠		
I	5.9	3.5	9.4	11.3	10.0	21.3	7.9	15.8	12.8	9.2	7.3	0	1.6	13.0	0.2	1.0	0.2	0.2	2.0	0	5.0	6.2	1.8	0	0	0	0.6	2.0	20.6	24.6		
II	4.8	2.9	7.7	12.7	8.4	21.1	11.0	11.2	10.2	7.2	5.2	0.2	1.2	9.3	0.2	0.6	0.4	0.8	3.0	0	4.6	8.2	1.6	0	0	0	0.4	1.8	17.4	25.6		
III	15.6	7.7	23.2	14.5	14.9	29.5	9.4	13.0	12.4	10.4	9.0	0	4.4	8.6	0.6	2.0	0.4	0	0.8	0.4	8.0	8.2	2.6	0.2	0.2	0	1.4	4.8	14.2	16.8		
IV	30.0	9.0	39.1	21.1	19.9	41.0	22.3	14.0	12.4	11.0	9.4	0.6	9.2	4.6	0.8	2.0	0.2	0	0.2	3.0	5.2	4.6	2.6	0	0	0	1.0	2.4	14.4	3.4		
V	49.2	11.9	61.2	43.9	32.5	76.4	34.3	16.2	14.8	13.4	11.2	2.2	14.4	1.8	2.0	1.4	0	0	0	13.8	0.4	4.4	0.6	2.6	1.2	0	0.6	3.8	12.6	0		
VI	51.8	11.2	63.0	44.1	29.4	73.5	41.1	14.8	14.8	13.2	10.8	1.8	14.4	0.4	0.8	0.2	0	0	0	14.0	0	1.8	1.2	2.0	0.4	0	0.2	4.2	11.0	0		
VII	58.5	12.6	71.1	42.4	28.0	70.4	40.8	12.8	11.8	9.4	7.4	2.2	12.8	0	0	0	0	0	0	16.4	0	2.0	5.2	1.8	0.4	0	0.6	3.6	10.0	0		
VIII	45.5	10.3	55.8	49.6	35.5	85.1	30.1	14.8	14.4	12.8	10.0	3.2	14.8	0	0.4	0	0	0	0	19.8	0	4.8	3.2	1.0	0.6	0.2	1.0	3.2	12.8	0		
IX	29.3	7.7	36.9	46.9	40.0	86.9	38.4	16.6	15.6	14.0	11.8	2.6	18.6	0	0.2	0.2	0	0	0	18.0	0.4	9.6	2.6	1.2	0.2	0	0	1.6	12.2	0		
X	18.2	7.9	26.1	50.2	36.9	87.1	23.9	22.8	20.6	19.2	16.6	2.2	19.8	2.2	2.0	2.4	0.2	0	0.2	8.4	3.0	12.2	1.2	0.2	0	0	2.8	0.8	17.8	2.2		
XI	8.4	5.3	13.7	54.6	36.5	91.1	30.6	24.6	21.6	18.8	16.0	2.0	17.4	5.0	0.4	1.4	0.4	0.2	0.4	3.0	1.8	11.0	0.8	0	0	0	0.4	1.0	22.6	6.8		
XII	5.6	3.7	9.3	16.9	13.0	29.9	9.3	18.2	16.2	13.4	9.8	0	4.2	13.6	0.8	1.6	1.0	1.2	0.6	0.2	5.8	6.2	1.2	0	0	0	0	1.6	22.2	20.0		
1926 — 1930 Σ	322.8	94.1	416.9	408.4	304.0	713.3	41.1	194.8	177.6	152.0	124.4	17.0	130.8	58.4	8.4	12.8	2.8	2.6	7.2	97.0	34.2	79.2	24.6	9.0	3.0	0.2	9.0	30.8	188.2	99.2		
I	5.7	3.1	8.8	24.3	15.2	39.3	15.4	19.4	17.4	13.0	10.0	0.6	3.6	15.0	0.2	1.0	0.2	1.8	1.6	0.2	6.0	5.8	0.4	0	0	0	1.6	1.6	21.4	26.6		
II	6.9	3.4	10.2	18.6	11.1	29.7	8.6	16.6	14.2	11.6	9.0	0	2.0	14.4	0.2	2.2	0.6	0.4	0.8	0	5.2	3.8	1.0	0	0	0	1.6	1.4	16.6	27.0		
III	12.2	4.7	16.9	15.5	11.7	27.2	10.5	14.0	12.4	10.0	7.6	0.2	2.8	10.8	0.6	1.2	0.6	0.6	1.2	0.8	8.8	6.8	2.0	0.2	0	0	0.4	3.6	15.8	20.4		
IV	29.9	7.5	37.4	21.8	15.8	37.7	17.8	14.4	13.0	11.0	7.8	0.8	7.8	6.4	0.6	1.4	0.2	0	0	6.4	7.0	4.0	0.4	0	0.2	0.2	0	4.0	12.4	4.6		
V	41.2	10.9	52.1	42.8	23.8	66.6	17.9	14.2	13.8	12.8	11.2	1.6	14.2	0.2	0.6	0.4	0	0	0	14.0	1.0	2.6	1.2	2.2	1.6	0	0	4.0	14.4	0		
VI	52.7	10.4	63.1	47.7	26.9	74.6	35.5	12.8	12.0	10.6	8.8	2.4	12.8	0	0.8	0	0	0	0	17.8	0	1.4	1.4	2.0	1.0	0	0	3.2	8.6	0		
VII	53.2	11.2	64.3	63.4	20.0	83.4	31.4	14.4	14.0	11.4	10.2	3.2	14.4	0	0.2	0	0	0	0	18.0	0	1.2	0.2	1.8	2.8	0	0.6	2.4	13.4	0		
VIII	39.3	9.4	48.7	59.3	25.0	84.3	32.2	16.2	14.8	13.4	12.4	2.8	16.0	0	0.2	0	0	0	0	21.0	0	3.8	1.2	1.6	1.0	0.4	0.4	1.2	12.2	0		
IX	28.6	7.8	36.5	30.7	36.1	66.8	18.5	17.0	16.0	14.4	12.2	1.6	17.0	0	0.6	0.4	0	0	0	18.6	0.4	4.8	0.4	0.4	0.6	0.2	0.2	2.0	11.4	0		
X	16.2	5.9	22.1	40.3	27.5	67.8	16.6	21.0	19.4	17.4	14.6	1.6	19.2	1.6	1.2	1.0	0.2	0	0	11.6	2.8	5.6	0.2	0.4	0	0.2	1.8	1.4	18.6	0.6		
XI	9.6	5.1	14.8	23.5	11.7	35.2	14.4	14.8	10.2	9.4	7.2	0.6	8.4	4.8	0.2	1.4	0.4	0.4	1.0	3.0	4.2	8.6	0	0	0	0	1.0	1.6	21.0	5.0		
XII	6.8	3.9	10.7	16.9	14.3	31.2	10.0	17.2	15.0	12.0	8.8	0.2	5.0	11.0	0	2.2	0.4	1.6	1.4	0.8	3.8	4.8	0.4	0	0	0	1.8	1.2	21.6	14.4		
1931 — 1935. Σ	302.1	83.3	385.5	404.7	239.1	643.9	35.5	192.0	172.2	14.7	12.0	15.6	123.2	64.2	5.4	11.2	2.6	4.8	6.0	112.2	39.2	53.2	8.8	8.6	7.2	1.0	9.4	27.6	187.4	98.6		

ΣnD 1926. — 1930.

		C	N	NNE	NE	ENE	E	ESE	SE
I	7h	2	5	7	6	2	9	13	24
	13h	2	7	6	5	2	2	15	27
	21h	2	5	—	4	7	7	16	22
II	7h	6	10	7	10	3	8	10	9
	13h	—	16	8	6	4	6	11	14
	21h	7	12	5	11	8	8	7	8
III	7h	5	18	2	5	3	6	7	17
	13h	—	17	5	2	2	4	3	16
	21h	1	17	4	5	3	6	7	14
IV	7h	9	5	7	8	7	11	16	12
	13h	1	14	3	9	8	6	15	12
	21h	7	12	7	15	12	10	15	3
V	7h	3	19	8	6	4	6	25	21
	13h	1	28	7	1	3	1	10	9
	21h	5	23	18	10	7	10	15	9
VI	7h	7	7	6	2	4	4	7	16
	13h	2	21	2	—	3	—	5	8
	21h	9	19	13	7	6	2	7	5
VII	7h	12	7	3	2	7	4	6	3
	13h	—	13	5	2	4	3	7	4
	21h	9	16	16	6	3	4	6	6
VIII	7h	6	15	2	3	5	5	8	14
	13h	1	19	1	1	—	3	5	7
	21h	8	16	4	7	5	5	5	6
IX	7h	15	8	5	2	4	6	14	12
	13h	1	18	3	5	2	3	4	14
	21h	12	18	9	9	5	4	3	15
X	7h	6	5	8	1	3	2	13	14
	13h	2	10	3	2	2	1	13	13
	21h	5	7	3	3	2	6	10	17
XI	7h	2	4	2	7	11	5	7	23
	13h	4	7	2	6	6	5	9	22
	23h	3	5	3	7	7	2	7	19
XII	7h	5	3	3	8	8	9	14	18
	13h	4	7	4	8	6	7	16	10
	21h	2	10	4	11	7	5	19	13
Σ	7h	78	106	60	60	61	75	140	183
Σ	13h	18	177	49	47	42	41	113	156
Σ	21h	70	160	86	95	72	69	117	137
ΣΣ		166	443	195	202	175	185	370	476

ΣnD 1926 — 1930

SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
20	22	10	15	7	6	4	1	2
19	24	16	8	4	6	7	4	1
25	21	14	9	3	7	5	1	7
19	13	9	6	2	11	1	6	11
17	10	11	9	5	7	3	5	9
24	9	11	4	2	8	2	9	6
11	13	10	15	4	14	6	9	10
13	10	11	7	10	11	7	20	17
11	14	9	10	8	12	5	15	14
10	6	5	12	13	11	3	9	6
7	3	9	8	11	9	7	10	18
12	10	4	6	8	10	5	8	6
6	9	7	10	3	8	2	9	9
16	10	13	9	9	6	2	8	22
6	4	—	8	4	6	1	12	17
5	10	5	15	10	18	4	17	13
6	7	6	13	13	10	11	14	29
1	4	7	9	13	10	10	10	18
13	7	13	8	23	15	9	11	12
5	9	10	3	12	16	11	23	29
5	5	3	6	17	18	8	11	16
11	9	5	15	18	16	9	6	8
9	11	4	10	12	22	10	24	16
13	4	7	17	13	9	10	17	9
11	11	10	13	16	9	5	2	7
9	12	6	14	8	16	9	9	17
12	8	6	8	10	14	2	11	4
16	26	13	11	15	12	5	3	2
13	23	7	7	17	13	9	13	7
15	20	8	13	11	15	6	9	5
21	26	9	9	6	11	1	3	3
25	18	5	12	10	8	4	5	2
20	23	15	9	4	12	10	2	2
21	25	11	9	4	7	3	5	2
25	19	12	13	8	7	4	2	3
26	221	14	6	6	4	3	4	—
164	177	107	138	121	138	52	81	85
164	155	110	113	119	131	84	137	170
170	143	98	105	99	125	67	109	104
498	475	315	356	339	394	203	327	359

ΣnD 1931. — 1935.

		C	N	NNE	NE	ENE	E	ESE	SE
I	7^h	2	4	5	5	3	5	10	23
	13^h	—	4	4	2	2	5	9	17
	21^h	2	5	3	4	3	2	10	25
II	7^h	2	10	8	5	1	6	18	12
	13^h	—	18	2	6	1	4	11	12
	21^h	3	12	7	8	1	2	16	12
III	7^h	7	9	3	8	6	4	9	17
	13^h	1	12	2	4	3	6	10	14
	21^h	—	15	5	10	6	5	11	11
IV	7^h	6	14	3	10	5	3	10	26
	13^h	—	17	9	2	3	3	3	15
	21^h	8	22	9	10	4	7	11	19
V	7^h	6	12	5	11	11	7	16	8
	13^h	—	24	5	4	5	6	7	14
	21^h	6	24	18	15	6	9	3	9
VI	7^h	6	13	8	7	8	7	7	10
	13^h	—	26	1	6	3	3	3	8
	21^h	3	23	10	15	3	9	5	8
VII	7^h	7	11	1	4	2	3	14	16
	13^h	1	12	2	3	1	2	9	8
	21^h	9	14	4	13	2	11	9	8
VIII	7^h	9	10	9	7	7	2	10	12
	13^h	1	22	3	4	3	—	11	7
	21^h	12	22	12	11	7	3	7	15
IX	7^h	7	8	9	6	2	2	10	17
	13^h	2	18	3	3	3	3	5	7
	21^h	6	12	9	12	4	4	6	13
X	7^h	2	7	2	3	7	4	10	14
	13^h	2	5	4	2	4	2	8	10
	21^h	5	4	2	7	3	4	12	12
XI	7^h	—	5	2	9	6	8	13	22
	13^h	6	7	1	5	7	1	12	22
	21^h	3	3	4	9	4	7	12	29
XII	7^h	4	9	4	6	3	8	9	26
	13^h	1	6	9	8	4	3	13	22
	21^h	3	5	8	9	—	5	13	23
Σ	7^h	58	112	59	81	61	59	136	203
Σ	13^h	14	171	45	49	39	38	101	156
Σ	21^h	60	161	91	123	43	68	115	184
ΣΣ		132	444	195	253	143	165	352	543

ΣnD 1931. — 1935.

SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
23	16	21	5	6	13	9	2	3
29	22	14	10	10	10	8	4	5
20	23	21	8	9	13	2	3	2
14	9	2	3	7	9	4	10	11
14	15	10	6	6	9	9	8	10
13	16	12	6	5	10	5	5	8
13	14	15	11	8	7	4	7	13
11	8	23	8	9	9	7	12	16
10	12	19	13	8	7	6	8	9
15	7	11	2	9	8	2	9	10
13	7	15	3	15	3	3	15	24
9	9	9	3	3	3	9	6	9
13	5	7	2	12	8	10	12	10
8	3	6	6	7	4	10	13	33
9	1	7	5	6	4	6	9	18
5	8	14	3	14	10	7	14	9
9	5	6	6	9	9	7	20	29
5	3	5	4	8	19	5	8	17
4	11	16	9	11	9	10	8	19
7	10	14	8	16	7	7	20	28
8	5	8	9	7	13	5	10	20
9	16	14	9	13	11	4	4	9
5	14	11	5	14	6	9	12	28
7	6	6	6	9	8	4	10	10
12	8	18	11	16	12	3	3	6
11	20	11	10	6	7	9	15	17
16	14	11	7	11	9	3	2	11
15	20	23	16	14	5	6	4	3
12	24	18	13	16	11	9	5	10
16	24	25	8	12	10	3	3	5
39	15	11	5	5	5	—	4	1
38	15	15	3	4	3	5	3	3
23	15	17	7	5	4	2	2	4
15	29	8	4	8	9	6	3	4
24	15	12	4	10	9	5	5	5
21	22	10	2	5	16	6	4	3
177	158	170	80	123	106	65	80	98
191	148	155	82	122	87	88	132	208
157	150	150	78	88	116	56	70	116
525	456	475	240	333	309	209	282	422

1926. — 1930.

$\odot^h$

	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Σ
I							0.8	3.7	5.5	6.3	6.6	7.6	6.1	1.0						37.5
II						1.0	4.3	6.5	7.7	8.4	8.4	8.5	7.8	6.9	2.2					61.6
III					0.7	6.8	10.7	13.1	14.8	15.2	15.2	14.9	14.4	13.0	9.9	0.7				129.3
IV			0.2	3.9	8.7	10.6	13.3	13.8	15.1	15.1	14.7	14.1	14.3	13.6	12.5	9.3	3.9	0.2		163.4
V		0.1	5.1	13.5	15.2	16.7	17.5	18.3	19.3	18.6	18.7	17.9	17.9	16.9	15.8	14.6	12.2	5.7	0.0	244.0
VI		0.8	10.1	13.8	15.3	16.2	17.5	18.0	17.7	18.1	17.8	17.5	16.2	16.6	16.6	16.5	15.9	13.2	1.3	258.8
VII		0.4	9.5	15.2	17.2	17.7	19.3	20.8	20.6	20.5	20.0	19.5	19.7	19.0	18.5	18.2	15.8	8.8	0.7	281.5
VIII			0.8	9.0	14.7	17.0	18.3	18.4	18.7	18.8	19.3	19.5	18.2	17.9	16.4	15.5	10.4	1.7		234.6
IX				0.2	2.7	8.9	13.3	15.3	15.9	17.0	17.1	17.1	16.6	14.9	11.7	4.6	0.4			155.8
X						2.5	6.5	8.8	9.2	10.7	11.2	10.3	9.8	82	3.3					80.4
XI							1.0	2.8	4.0	4.5	4.5	4.2	3.7	1.4	0.0					25.9
XII							0.1	2.9	4.2	5.0	4.5	5.1	3.5	0.1						25.3
Σ		1.3	24.7	55.6	74.5	97.4	122.6	142.4	152.7	158.2	158.0	156.2	148.2	129.5	106.9	79.4	58.6	29.6	2.0	1698.1

$\odot$ %

																				M
I							4	12	18	20	22	24	20	5						16.4
II						5	15	23	27	30	30	30	28	24	12					23.4
III					3	22	34	42	48	49	49	48	46	42	32	3				35.6
IV			4	15	29	36	44	48	50	50	49	47	48	45	42	31	14	3		38.5
V		2	17	44	49	54	57	59	62	60	60	58	58	56	51	47	39	19	1	48.1
VI		3	34	46	51	54	58	60	59	60	59	58	54	55	55	55	53	44	5	48.8
VII		3	31	49	56	57	62	67	67	66	64	63	64	61	60	59	51	29	4	53.1
VIII			5	29	47	55	59	59	60	61	62	63	59	58	53	50	33	9		49.9
IX				2	9	30	44	53	53	57	57	57	55	50	39	15	4			40.6
X						9	21	28	30	35	36	36	33	32	27	11				25.0
XI							4	9	13	15	15	14	12	5	0					10.6
XII							1	9	14	16	15	17	11	1						12.1
M		2.7	22.6	33.7	34.7	36.6	36.8	39.0	41.8	43.3	43.3	42.8	40.6	38.9	40.1	37.0	35.6	26.0	4.2	37.9

1931. — 1935.

$\odot^h$

	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Σ
I							0.9	3.7	4.6	5.4	5.7	5.7	5.0	1.5						32.5
II						1.2	4.3	6.9	7.9	8.0	7.5	7.6	7.7	5.8	1.5					58.4
III				0.0	1.9	7.2	10.0	11.7	14.1	15.5	16.5	15.7	15.3	14.4	11.2	1.9				135.4
IV			0.0	5.1	12.2	14.5	15.6	16.6	16.9	18.4	18.0	18.0	18.2	16.1	14.2	11.4	5.1	0.1		200.5
V		0.1	5.8	13.7	16.0	16.3	16.8	17.9	18.9	18.4	18.2	17.7	17.1	17.1	16.8	15.6	12.5	5.0		244.0
VI		2.4	13.6	16.3	17.5	18.3	20.5	21.2	20.5	20.2	18.8	18.1	18.2	19.1	17.9	17.8	17.3	14.8	2.7	295.3
VII		1.0	10.6	15.5	16.8	17.7	19.5	19.8	19.5	20.2	20.3	18.9	18.8	18.1	17.8	15.5	13.6	10.3	0.8	274.7
VIII			1.2	9.2	12.6	14.3	16.7	17.5	18.1	19.1	19.7	19.9	18.9	18.2	17.0	15.6	10.9	2.2		231.2
IX				0.5	5.7	11.7	14.9	15.7	16.0	16.6	17.2	17.4	17.2	16.2	14.3	7.5	0.7			171.7
X					0.1	3.2	7.0	9.5	10.8	11.0	11.0	10.2	9.6	9.0	5.0	0.2				86.4
XI							2.1	5.3	6.3	7.0	7.7	6.9	5.8	3.2	0.2					44.5
XII							0.1	2.9	4.3	6.0	5.4	5.7	4.4	0.1						28.9
Σ	3.5	31.2	60.3	82.8	104.5	128.4	148.7	157.9	165.8	166.0	161.8	156.2	138.8	115.9	85.5	60.1	32.4	3.5		1803.5

$\odot$ %

	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	M
I							4	12	15	18	18	18	16	7						
II						7	15	25	28	28	27	27	27	20	8					22.1
III				0	8	23	32	38	45	50	53	51	49	47	36	8				37.2
IV			0	19	47	48	52	55	56	61	60	60	61	54	47	38	19	0		47.1
V		1	20	44	52	53	54	58	61	59	52	57	55	55	54	55	40	17		48.3
VI		9	46	54	58	61	68	71	68	67	63	60	61	64	60	59	58	49	11	58.1
VII		6	34	50	54	57	63	64	63	65	65	61	61	58	58	50	44	33	5	51.5
VIII			7	30	41	46	54	58	59	62	63	64	61	59	55	50	35	13		49.3
IX				4	19	39	50	52	53	55	57	58	57	54	48	25	6			44.8
X					1	11	23	31	35	35	35	33	31	29	17	2				26.9
XI							8	18	21	23	26	23	19	12	4					18.4
XII							1	9	14	19	17	17	14	1						13.8
M		7.2	18.9	36.6	38.6	39.2	38.5	40.7	43.3	45.4	45.4	44.3	42.8	41.7	43.6	39.8	36.5	28.4	7.0	40.3

T_E

		0. 1 m.						0. 2 m.					
		7^h	13^h	21^h	$\bar{T}_E$	Max.	Min.	7^h	13^h	21^h	$\bar{T}_E$	Max.	Min.
1926 — 1930	I	—1.8	—1.4	—1.7	—1.7	3.6	—9.5	—0.6	—0.5	—0.6	—0.5	2.3	—5.2
	II	—3.0	—2.4	—2.7	—2.7	1.1	**—9.8**	—1.6	—1.5	—1.5	—1.5	0.6	**—5.5**
	III	—0.9	0.3	—0.4	—0.3	5.3	—6.9	—0.5	—0.2	—0.2	—0.3	2.6	—4.0
	IV	2.8	6.2	4.4	4.5	16.9	—1.3	3.5	5.1	5.3	4.6	15.0	—0.1
	V	9.6	13.5	11.4	11.5	22.9	1.4	9.8	10.5	10.9	10.4	17.5	1.4
	VI	12.9	17.5	15.0	15.1	24.4	7.2	13.5	14.3	14.8	14.2	18.8	8.5
	VII	15.9	20.1	17.9	18.0	**25.2**	12.0	16.4	17.1	17.5	17.0	**20.9**	12.9
	VIII	15.2	18.7	16.8	16.9	23.8	11.6	16.0	16.6	16.9	16.5	20.7	13.3
	IX	11.4	14.1	12.5	12.6	18.5	5.7	12.5	12.9	13.1	12.9	16.7	8.8
	X	6.9	8.6	7.6	7.7	14.6	0.0	8.0	8.2	8.3	8.1	12.5	1.6
	XI	4.1	4.6	4.3	4.3	9.5	—0.1	4.9	4.9	4.9	4.9	9.0	1.5
	XII	0.1	0.3	0.1	0.2	5.5	—4.5	1.2	1.2	1.2	1.2	5.4	—1.8
	M	6.1	8.4	7.1	7.2	25.2	—9.8	6.9	7.4	7.6	7.3	20.9	—5.5
1931 — 1935	I	—1.4	—1.2	—1.3	—1.3	1.0	—7.8	—0.5	—0.5	—0.5	—0.5	1.4	**—4.2**
	II	—1.4	—1.1	—1.2	—1.2	0.8	—5.4	—0.5	—0.5	—0.5	—0.5	0.4	—3.4
	III	—1.0	—0.2	—0.6	—0.6	6.9	—5.3	—0.4	—0.3	—0.3	—0.3	2.2	—2.7
	IV	3.1	6.4	4.7	4.7	18.5	—1.8	3.7	4.2	4.7	4.2	13.3	—0.1
	V	10.6	14.2	12.5	12.4	23.6	2.7	11.0	11.5	12.0	11.5	17.0	4.9
	VI	13.9	17.9	16.3	16.0	25.1	8.0	14.5	15.1	15.7	15.1	21.6	9.5
	VII	17.2	20.6	19.1	18.9	**25.6**	13.5	17.5	18.0	18.5	18.0	**21.7**	14.8
	VIII	16.0	19.0	17.5	17.5	23.5	11.9	16.8	17.1	17.5	17.1	20.3	14.0
	IX	12.3	14.8	13.4	13.5	20.6	4.8	13.4	13.6	13.9	13.6	17.8	8.0
	X	7.8	9.3	8.3	8.5	15.3	1.2	9.0	9.1	9.2	9.1	14.4	3.5
	XI	3.0	3.5	3.2	3.2	8.6	—2.7	4.2	4.2	4.2	4.2	8.6	0.5
	XII	—0.4	—0.1	—0.3	—0.3	5.0	**—8.7**	0.8	0.8	0.8	0.8	4.7	—3.8
	M	6.7	8.6	7.6	7.6	25.6	—8.7	7.4	7.7	7.9	7.7	21.7	—4.2

T_E

		0. 4 m.						0. 8 m.						1 . 6 m.		
		7^h	13^h	21^h	$\bar{T}_E$	Max.	Min.	7^h	13^h	21^h	$\bar{T}_E$	Max.	Min.	13^h	Max.	Min.
1926 — 1930	I	—0.6	—0.6	—0.6	—0.6	1.3	**—3.2**	2.0	2.0	1.9	2.0	3.7	0.9	4.7	5.8	3.4
	II	—0.1	—0.1	—0.1	—0.1	2.5	—2.4	1.3	1.3	1.3	1.3	2.8	0.1	3.5	4.6	2.6
	III	3.1	3.0	3.3	3.1	10.2	0.0	0.8	0.8	0.8	0.8	2.6	**0.0**	2.7	3.7	2.1
	IV	9.6	9.5	9.9	9.7	15.2	1.2	2.6	2.6	2.6	2.6	7.9	0.2	2.8	5.8	**2.0**
	V	13.5	13.4	13.7	13.6	17.8	9.3	7.5	7.6	7.6	7.6	11.5	0.8	5.2	8.1	**2.0**
	VI	16.2	16.1	16.4	16.3	19.2	12.9	11.3	11.3	11.4	11.3	14.2	8.5	8.4	10.8	6.4
	VII	0.5	0.5	0.4	0.5	2.4	—2.4	13.8	13.8	13.8	13.8	15.8	10.8	10.8	12.3	8.8
	VIII	16.2	16.1	16.3	16.2	**19.3**	14.4	14.5	14.5	14.5	14.5	**16.1**	13.2	12.2	**13.2**	10.9
	IX	13.1	13.0	13.1	13.1	16.6	10.1	13.0	13.0	13.0	13.0	15.0	11.4	12.2	**13.2**	11.2
	X	8.8	8.8	8.8	8.8	12.3	3.0	9.9	9.9	9.8	9.9	12.3	5.6	10.7	12.0	9.1
	XI	5.6	5.6	5.6	5.6	9.1	2.5	7.2	7.1	7.1	7.1	9.9	4.6	8.7	10.3	7.2
	XII	2.2	2.2	2.2	2.2	5.6	0.4	4.3	4.3	4.2	4.3	6.4	2.4	6.6	8.0	4.9
	M	7.4	7.3	7.4	7.4	19.3	—3.2	7.4	7.3	7.3	7.3	16.1	0.0	7.4	13.2	2.0
1931 — 1935	I	0.2	0.2	0.2	0.2	2.2	**—2.3**	2.1	2.1	2.1	2.1	4.1	1.1	4.6	6.0	3.4
	II	0.1	0.0	0.0	0.0	1.0	—1.3	1.5	1.5	1.5	1.5	2.4	0.9	**3.6**	4.7	3.0
	III	0.0	0.0	0.0	0.0	1.4	—1.3	1.1	1.1	1.1	1.1	2.1	**0.6**	3.0	4.1	**2.2**
	IV	3.9	3.8	4.2	4.0	11.2	—0.1	3.1	3.2	3.2	3.2	7.9	**0.6**	3.1	5.1	2.3
	V	10.8	10.6	11.0	10.8	15.4	5.6	8.5	8.5	8.6	8.5	11.6	5.1	6.1	8.2	3.6
	VI	14.4	14.3	14.7	14.5	**20.4**	9.5	11.9	12.0	12.0	12.0	15.8	9.2	9.0	10.8	7.2
	VII	17.5	17.4	17.7	17.5	20.1	14.9	14.8	14.9	14.8	14.9	**16.8**	13.2	11.6	13.1	9.9
	VIII	17.1	17.0	17.2	17.1	19.5	14.3	15.6	15.6	15.6	15.6	16.7	14.0	13.3	**13.8**	12.6
	IX	14.0	13.8	14.0	13.9	17.1	8.6	13.8	13.8	13.8	13.8	15.7	11.1	13.0	**13.8**	11.8
	X	9.7	9.6	9.7	9.7	14.2	4.6	10.8	10.8	10.7	10.8	13.6	7.2	11.4	13.3	9.8
	XI	5.0	5.0	5.0	5.0	8.8	1.8	7.0	7.0	6.9	7.0	10.0	4.4	9.0	11.1	7.1
	XII	1.7	1.7	1.6	1.7	4.8	—1.1	3.9	3.8	3.8	3.8	6.4	1.5	6.4	8.7	4.7
	M	7.8	7.8	7.9	7.9	20.4	—2.3	7.9	7.8	7.8	7.8	16.8	0.6	7.9	13.8	2.2

1926. — 1930.

	$P_{+700\,mm}$	T	T_x	T_n	F	N	a	U	Δ_a	E	R
1. I. — 5. I.	57.9	—2.6	6.0	—16.0	2.9	8.3	3.4	85.5	0.6	1.8	2.5
6. I. — 10. I.	63.8	—3.5	5.4	—21.5	2.6	6.1	3.3	86.0	0.5	1.4	3.9
11. I. — 15. I.	58.7	—4.6	5.3	—25.0	3.7	7.9	3.1	82.4	0.6	1.6	3.9
16. I. — 20. I.	63.0	—6.1	3.9	—15.1	3.8	7.5	2.5	79.4	0.5	1.5	4.5
21. I. — 25. I.	63.7	—5.9	4.8	—16.1	3.2	7.0	5.0	83.8	0.4	1.0	3.5
26. I. — 30. I.	61.9	—2.6	4.5	—16.0	3.6	8.0	3.2	82.5	0.7	2.3	2.2
31. I. — 4. II.	61.6	—5.2	2.2	—19.9	3.2	7.5	2.9	85.4	0.4	1.5	6.7
5. II. — 9. II.	64.6	—7.4	5.2	—26.0	3.0	6.5	2.6	80.4	0.5	1.7	2.5
10. II. — 14. II.	61.6	—4.4	5.5	—27.7	3.3	6.4	3.1	83.0	0.6	1.9	6.9
15. II. — 19. II.	61.5	—4.7	3.7	—19.9	2.7	6.3	3.0	84.0	0.5	1.3	3.3
20. II. — 24. II.	69.1	—4.9	1.5	—19.6	2.5	7.0	2.6	81.5	0.5	1.1	1.5
25. II. — 1. III.	69.6	—4.5	2.2	—20.0	2.5	6.7	5.0	85.6	0.4	1.2	1.0
2. III. — 6. III.	52.6	—0.3	12.0	—19.9	3.1	7.4	4.0	85.7	0.7	2.4	4.6
7. III. — 11. III.	54.9	—1.9	7.9	—20.6	3.1	6.0	3.8	83.5	0.6	2.2	6.8
12. III. — 16. III.	57.2	—1.3	9.7	—11.3	3.7	5.8	3.3	78.2	0.9	2.9	0.7
17. III. — 21. III.	63.3	—0.5	8.5	—13.8	2.8	5.6	4.0	80.9	1.0	3.6	6.3
22. III. — 26. III.	51.4	0.7	10.2	—10.2	3.9	6.2	3.7	75.9	1.3	5.6	6.6
27. III. — 31. III.	57.7	1.1	12.5	— 6.5	3.4	6.7	4.0	78.9	1.1	4.4	4.4
1. IV. — 5. IV.	59.4	2.5	11.5	— 7.7	2.9	7.6	4.4	76.4	1.4	4.3	2.2
6. IV. — 10. IV.	57.2	3.6	16.3	— 8.6	2.9	7.0	4.0	74.7	1.7	5.8	3.6
11. IV. — 15. IV.	58.0	3.8	17.5	— 5.1	3.0	5.4	4.2	68.7	2.1	6.7	2.3
16. IV. — 20. IV.	51.4	5.6	20.7	— 5.8	2.9	6.6	5.4	77.5	1.8	7.1	14.6
21. IV. — 25. IV.	55.7	5.8	19.5	— 5.8	2.7	6.0	5.3	74.8	1.9	6.1	12.0
26. IV. — 30. IV.	60.1	7.3	23.5	— 2.0	3.3	5.1	5.2	68.4	3.0	9.1	6.2
1. V. — 5. V.	60.5	7.7	19.3	— 0.5	3.5	3.9	5.6	71.1	1.9	9.5	5.5
6. V. — 10. V.	59.8	9.9	24.2	0.7	3.8	5.7	6.4	71.1	3.2	10.2	21.3
11. V. — 15. V.	56.9	9.6	24.3	— 2.0	2.9	6.3	6.9	72.2	2.5	8.5	11.1
16. V. — 20. V.	58.3	13.1	25.5	1.0	3.0	6.5	8.8	71.0	4.1	11.4	14.7
21. V. — 25. V.	60.5	14.6	28.0	3.4	2.9	5.8	9.8	73.6	3.9	9.5	10.2
26. V. — 30. V.	56.9	14.9	27.2	4.4	3.3	6.6	10.0	72.6	4.0	10.2	11.5
31. V. — 4. VI.	57.1	12.1	28.6	1.6	3.3	6.5	8.0	74.8	3.3	9.7	14.5
5. VI. — 9. VI.	54.5	14.1	28.5	3.0	3.3	6.1	8.5	70.9	4.2	10.6	10.9
10. VI. — 14. VI.	60.4	15.1	27.5	4.6	3.0	2.9	8.3	64.1	4.9	12.3	10.4
15. VI. — 19. VI.	58.1	14.7	25.2	5.2	2.8	4.7	8.8	70.7	4.0	9.9	12.9
20. VI. — 24. VI.	57.0	15.9	27.5	6.2	3.1	6.3	9.4	72.6	4.1	10.8	14.5
25. VI. — 29. VI.	57.1	15.8	28.9	8.0	2.9	6.1	9.7	73.5	4.0	9.8	9.6
30. VI. — 4. VII.	58.4	18.0	28.1	9.8	2.9	5.9	10.8	70.9	4.9	12.0	13.8
5. VII. — 9. VII.	55.6	17.3	26.8	8.1	2.9	5.8	10.7	73.3	4.2	11.1	17.6
10. VII. — 14. VII.	58.1	18.9	29.7	10.0	2.3	5.7	11.5	69.5	3.7	11.7	5.6
15. VII. — 19. VII.	57.0	19.1	31.9	10.1	2.9	5.0	11.5	70.4	5.5	13.2	3.5
20. VII. — 24. VII.	53.2	18.2	29.2	7.2	3.0	6.3	11.4	73.8	4.6	11.8	12.6
25. VII. — 29. VII.	55.8	16.8	27.6	8.5	2.7	6.6	11.3	78.9	3.2	8.3	16.3

1926. — 1930.

	$P_{+700\,mm}$	T	T_x	T_n	F	N	a	U	Δ^a	E	R
30. VII. — 3. VIII.	55.8	17.5	29.0	9.8	3.0	6.6	11.3	75.8	5.9	10.9	8.1
4. VIII. — 8. VIII.	58.8	17.1	28.2	9.9	2.8	6.1	11.0	76.6	3.7	8.9	12.5
9. VIII. — 13. VIII.	58.6	17.6	28.1	9.5	3.1	7.0	11.4	76.8	3.9	10.4	19.0
14. VIII. —18. VIII.	55.3	16.5	27.3	9.8	3.0	7.6	11.2	80.9	3.0	7.5	21.8
19. VIII. — 23. VIII.	56.9	16.3	26.0	9.3	2.7	7.7	7.1	80.7	2.9	8.1	16.7
24. VIII. — 28. VIII.	56.5	15.6	22.0	8.7	3.6	7.7	10.4	79.1	2.9	9.3	6.6
29. VIII. — 2. IX.	63.4	15.6	25.2	7.9	2.7	4.6	10.1	77.0	3.4	9.3	5.1
3. IX. — 7. IX.	60.3	14.3	24.1	6.1	2.6	6.2	9.3	77.9	5.0	8.9	16.6
8. IX. — 12. IX.	58.5	12.1	24.4	3.6	2.5	7.1	8.6	80.8	2.3	6.2	12.7
13. IX. — 17. IX.	59.9	11.9	19.6	5.4	2.9	7.7	8.4	80.6	2.3	5.8	16.3
18. IX. — 22. IX.	56.6	11.4	21.5	1.0	2.8	6.5	8.2	81.5	2.1	5.2	11.3
23. IX. — 27. IX.	58.4	11.0	20.0	1.0	2.6	6.8	8.3	83.8	1.7	2.3	23.3
28. IX. — 2. X.	61.4	9.6	19.3	— 0.6	2.7	7.6	7.5	82.8	1.7	4.7	11.2
3. X. — 7. X.	57.9	8.9	19.5	0.0	3.3	6.9	7.0	81.4	1.7	5.5	9.0
8. X. — 12. X.	53.0	9.1	19.5	— 1.5	3.9	7.7	7.3	81.9	1.6	5.9	16.4
13. X. — 17.X.	56.9	6.1	17.0	— 1.9	3.1	8.3	5.9	81.8	1.4	4.7	18.4
18. X. — 22. X.	55.6	6.0	16.4	— 2.4	3.2	7.8	6.5	89.9	0.7	2.6	14.3
23. X. — 27. X.	54.3	6.4	14.9	— 4.8	3.1	8.4	6.7	89.2	0.8	2.7	14.1
28. X. — 1. XI.	55.9	6.2	14.2	— 4.9	3.3	8.0	6.4	88.7	0.9	3.4	14.8
2. XI. — 6. XI.	56.3	5.9	13.4	— 6.3	2.9	8.7	6.5	90.3	0.6	2.3	22.2
7. XI. — 11. XI.	54.4	5.0	11.7	— 2.3	3.1	8.1	6.0	89.9	0.7	2.3	13.4
12. XI. — 16. XI.	53.6	4.4	11.7	— 4.5	3.6	9.1	5.6	87.1	0.9	3.7	20.3
17. XI. — 21. XI.	58.5	0.7	9.0	—12.2	2.7	8.2	4.8	89.2	0.6	1.6	11.9
22. XI. — 26. XI.	57.8	1.7	10.8	—16.0	3.2	9.2	4.9	90.1	0.5	1.7	8.6
27. XI. — 1. XII.	58.9	2.2	7.5	— 8.0	2.8	9.1	5.0	91.4	0.4	1.7	10.1
2. XII. — 6. XII.	64.4	0.1	7.0	— 9.3	2.3	9.0	4.3	87.6	0.5	1.4	3.4
7. XII. — 11. XII.	61.1	—0.7	6.9	—11.9	3.1	7.6	4.0	87.3	0.5	1.6	2.2
12. XII. — 16. XII	56.7	—3.0	7.5	—14.6	3.5	8.6	3.3	83.1	0.6	1.9	10.9
17. XII. — 21. XII.	66.2	—6.6	4.0	—19.1	2.4	7.9	2.7	85.6	0.4	0.8	3.7
22. XII. — 26. XII.	63.0	—4.0	2.6	—18.5	3.3	8.6	3.1	85.0	0.5	1.5	5.4
27. XII. — 3. XII.	56.3	—4.4	4.3	—20.1	3.7	8.9	3.0	82.2	0.6	1.7	4.2
M	58.6	6.3			3.1	7.3	6.5	79.7	2.0	416.9	713.2

1931. — 1935.

	P_{+} 700 mm	T	T_x	T_n	F	N	a	U	△a	E	R
1. I. — 5. I.	60.8	—5.4	2.1	—19.6	3.6	9.1	2.8	86.1	0.4	1.1	8.9
6. I. — 10. I.	63.5	—5.0	7.0	—21.8	3.2	8.3	3.3	86.1	0.4	1.3	5.4
11. I. — 15. I.	63.8	—5.5	3.2	—16.5	3.4	7.7	2.8	85.2	0.5	1.2	6.2
16. I. — 20. I.	62.7	—2.4	7.0	—17.5	3.3	8.8	3.7	88.9	0.4	1.2	10.8
21. I. — 25. I.	67.4	—4.2	4.5	—23.4	3.2	8.0	3.3	85.7	0.4	1.3	3.6
26. I. — 30. I.	59.0	—1.6	6.7	—17.6	3.3	8.4	3.7	87.0	0.6	2.2	3.5
31. I. — 4. II.	55.6	—5.7	3.7	—17.2	4.0	8.4	3.0	83.5	0.6	1.7	7.1
5. II. — 9. II.	59.3	—6.0	5.6	—21.6	3.1	7.9	2.5	83.0	0.5	1.4	5.1
10. II. — 14. II.	57.0	—4.3	5.0	—17.2	3.4	8.1	3.0	83.5	0.6	1.6	5.4
15. II. — 19. II.	57.4	—2.7	6.9	—14.0	3.1	8.5	3.1	84.3	0.6	1.5	5.3
20. II. — 24. II.	58.1	—2.7	6.5	—15.6	3.6	8.5	3.3	81.0	0.7	3.1	3.5
25. II. — 1. III.	59.0	—2.9	6.5	—15.8	2.9	8.0	3.2	82.7	0.6	1.6	4.8
2. III. — 6. III.	62.7	—5.3	6.4	—15.6	3.1	5.8	2.4	79.5	0.8	2.0	1.8
7. III. — 11. III.	61.2	—4.7	4.5	—23.0	2.8	7.4	2.8	79.8	0.7	1.5	5.5
12. — 16. III.	54.4	—1.0	8.5	—18.4	3.3	7.5	3.7	83.5	0.8	2.4	4.0
17. III. — 21. III.	57.1	0.5	10.5	—13.6	3.0	7.7	3.9	80.7	1.0	3.2	4.9
22. III. — 26. III.	63.2	1.1	12.0	—14.0	2.7	7.1	4.0	79.4	1.1	3.3	7.5
27. III. — 31. III.	59.3	0.9	14.6	— 9.5	3.2	6.6	5.9	77.4	1.3	4.1	2.8
1. IV. — 5. IV.	56.9	2.7	13.5	— 7.4	3.2	7.0	4.2	77.2	2.6	4.0	8.0
6. IV. — 10. IV.	53.3	5.1	14.9	— 3.1	3.2	6.9	4.2	77.5	1.5	5.0	7.6
11. IV. — 15. IV.	57.1	4.3	16.5	— 4.0	2.9	7.1	4.0	73.6	1.9	5.9	6.1
16. IV. — 20. IV.	57.6	5.7	18.5	— 2.8	2.9	5.7	4.6	70.1	2.5	6.9	6.6
21. IV. — 25. IV.	58.5	8.6	20.4	— 2.2	2.7	6.3	5.7	69.2	3.0	8.2	2.6
26. IV. — 30. IV.	58.9	8.1	25.0	— 2.1	2.4	6.8	6.0	72.8	2.7	7.3	6.7
1. V. — 5. V.	59.8	11.0	28.5	— 3.0	2.5	5.5	7.2	73.3	3.5	8.0	8.2
6. V. — 10. V.	59.8	12.1	28.5	1.6	2.7	7.1	7.3	69.4	4.1	9.4	8.6
11. V. — 15. V.	57.9	10.3	23.0	— 0.6	2.8	6.6	6.3	66.7	3.4	9.5	7.8
16. V. — 20. V.	59.9	13.6	25.1	2.9	3.0	6.7	8.1	70.6	3.9	9.2	15.3
21. V. — 25. V.	58.4	13.1	26.9	5.0	3.0	7.8	8.6	75.1	3.1	7.1	15.9
26. V. — 30. V.	58.2	13.2	24.5	3.7	3.2	6.3	8.4	73.7	3.4	7.4	10.4
31. V. — 4. VI.	56.6	12.5	28.6	1.5	3.5	5.9	7.7	69.5	3.5	10.1	8.6
5. VI. — 9. VI.	58.1	13.8	24.8	2.2	3.2	6.5	7.8	66.7	3.4	10.0	4.2
10. VI. — 14. VI.	58.9	15.3	27.7	4.3	2.8	5.2	8.4	65.7	4.1	11.1	12.6
15. VI. — 19. VI.	57.3	16.0	25.9	5.4	3.3	6.8	9.4	69.4	4.6	10.7	15.3
20. VI. — 24. VI.	57.1	16.8	30.9	7.4	2.8	6.6	10.6	74.5	4.1	8.8	27.2
25. VI. — 29. VI.	57.1	17.4	28.2	8.1	2.7	5.4	10.3	69.8	5.2	11.8	6.2
30. VI. — 4. VII.	58.6	17.7	28.2	8.9	2.8	6.2	10.2	68.5	5.3	12.2	5.5
5. VII. — 9. VII.	57.4	18.8	30.6	9.9	3.0	5.8	11.5	69.9	5.4	13.4	14.7
10. VII. — 14. VII.	57.6	18.6	30.0	10.7	2.7	6.2	11.7	73.7	4.6	10.3	9.6
15. VII. — 19. VII.	54.4	19.2	30.0	10.5	3.1	8.1	12.8	78.1	4.1	9.3	6.0
20. VII. — 24. VII.	56.8	18.7	27.0	10.7	2.2	6.8	11.4	76.0	4.2	8.3	15.6
25. VII. — 29. VII.	55.3	19.0	29.6	10.8	3.1	7.6	12.8	76.8	4.5	10.3	26.4

1931. — 1935.

	P_{+} 700 mm	T	T_x	T_n	F	N	a	U	△a	E	R
30. VII. — 3. VIII.	56.9	18.1	28.0	10.7	2.4	7.1	12.8	82.9	2.9	7.2	8.9
4. VIII. — 8. VIII.	54.8	18.1	27.6	9.0	3.1	6.6	11.9	77.5	3.8	10.2	15.3
9. VIII. — 13. VIII.	56.6	18.5	28.3	9.5	2.6	6.8	11.7	76.6	4.2	10.0	17.2
14. VIII. —18. VIII.	56.3	17.3	28.5	8.0	2.1	5.6	11.7	79.9	3.4	6.8	15.7
19. VIII. — 23. VIII.	55.5	16.1	29.4	9.4	3.0	8.1	10.9	83.1	2.6	6.8	18.0
24. VIII. — 28. VIII.	56.2	15.7	27.1	8.4	3.0	6.9	10.5	81.4	2.7	6.1	12.1
29. VIII. — 2. IX.	60.0	14.7	24.1	6.4	2.5	5.8	10.3	77.6	3.1	6.6	7.8
3. IX. — 7 IX.	55.6	14.8	25.0	7.4	3.3	6.5	10.0	80.0	3.1	6.2	14.3
8. IX. — 12. IX.	58.7	13.7	27.7	3.5	2.6	6.8	9.3	79.1	2.9	6.9	8.6
13. IX. — 17. IX.	58.7	12.5	22.0	3.5	3.3	7.5	8.7	79.9	2.3	6.1	15.3
18. IX. — 22. IX.	56.8	12.5	24.7	4.0	3.3	6.2	8.5	78.9	2.7	6.2	10.0
23. IX. — 27. IX.	57.1	12.7	23.0	2.0	3.2	6.7	8.5	80.3	2.3	5.5	11.8
28. IX. — 2. X.	60.5	10.9	19.3	— 2.4	2.7	7.3	8.2	81.7	1.9	5.6	7.7
3. X. — 7. X.	56.2	10.3	21.5	— 4.2	3.2	8.1	8.0	82.9	1.8	4.8	14.1
8. X. — 12. X.	58.4	9.8	17.7	1.8	3.4	7.4	7.7	83.9	1.5	4.2	9.6
13. X. — 17.X.	55.7	8.5	15.4	— 0.4	2.8	7.7	7.2	86.2	1.3	3.1	9.8
18. X. — 22. X.	57.3	6.4	13.8	— 1.5	3.1	8.1	6.2	84.4	1.3	3.2	9.8
23. X. — 27. X.	56.3	5.3	15.0	— 2.0	2.9	8.1	5.8	86.2	0.9	2.5	11.7
28. X. — 1. XI.	52.8	4.5	12.5	— 3.9	3.4	7.9	4.9	84.9	1.0	3.0	8.5
2. XI. — 6. XI.	59.9	4.2	12.3	— 3.7	3.0	8.1	5.4	86.6	0.8	2.1	7.6
7. XI. — 11. XI.	60.3	5.5	13.0	— 1.8	3.2	9.4	6.0	88.3	0.8	3.2	5.8
12. XI. — 16. XI.	60.7	3.3	8.1	— 4.9	2.8	8.7	5.3	88.9	0.6	2.0	7.4
17. XI. — 21. XI.	69.6	—1.2	9.0	—15.0	2.7	7.2	3.7	82.2	0.8	2.2	6.5
22. XI. — 26. XI.	60.3	—0.7	8.6	—12.1	3.3	8.9	3.7	82.4	0.8	2.6	3.2
27. XI. — 1. XII.	61.9	—0.3	10.5	—11.9	3.7	7.4	4.0	84.9	0.7	2.7	5.2
2. XII. — 6. XII.	56.8	—0.7	7.0	—11.2	3.5	8.1	4.0	86.5	0.6	1.5	5.0
7. XII. — 11. XII.	62.0	—0.7	5.5	— 9.1	3.3	8.5	3.6	81.2	0.8	2.5	4.1
12. XII. — 16. XII	60.8	—3.3	5.0	—17.9	3.4	8.1	3.3	85.9	0.5	1.7	6.7
17. XII. — 21. XII.	62.2	—0.4	8.2	—18.3	2.9	9.0	4.3	89.5	0.5	1.5	3.8
22. XII. — 26. XII.	62.0	—2.2	6.0	—16.0	2.8	8.7	3.7	87.5	0.5	1.7	2.6
27. XII. — 31. XII.	59.7	—3.3	4.5	—14.4	3.5	9.1	3.1	87.3	0.5	1.3	7.7
M	58.5	6.8			3.0	7.4	6.5	79.5	2.1	385.5	643.9

Beobachtungen des Meteorologischen Observatoriums der Lettländischen Universität in Riga. Uebersicht 1926—1930 und 1931—1935.

Zusammenfassung.

Geographische Breite $\varphi = 56^0 57'$ N. Geographische Länge $\lambda = 24^0 6'$ E. Unterschied zwischen der benutzten Zeit und Weltzeit $\Delta G =$ $= 1$ St. 36,5 Min.

Höhe der Station (Erdboden) über dem Meeresspiegel $H_s = 2{,}8$ m.
Höhe des Windrichtungsanzeigers über dem Erdboden $h_d = 31.0$ m.
Höhe des Thermometers über dem Erdboden $h_t = 2.0$ m.
Höhe der Auffangfläche des Regenmessers über d. Erdboden $h_r =$ $= 2{,}0$ m.
Höhe des Anenmometers über dem Erdboden $h_a = 28.8$ m.
Höhe des Windrichtungsanzeigers über dem Erdboden $h_d =$ $= 31.0$ m.

Die Zusammenfassung der Beobachtungsergebnisse für zwei Jahrfünfte erfolgt in gedrängtester Form. Erläuterungen betreffend Art und Aufstellung der Instrumente, Beobachtung und Bearbeitung findet man in den bisher veröffentlichten Jahrgängen der „Beobachtungen". Die Ergebnisse der Jahre 1934 und 1935 sind bearbeitet aber noch nicht veröffentlicht; in diesen Jahren haben keine nennenswerten Änderungen stattgefunden.

Im Hinblick auf die Verlegung des Barometers aus 6,0 m Seehöhe bis auf 20.5 m im Jahre 1928 sind die Luftdruckangaben der vorhergehenden Jahre auf die Höhe von 20,5 m umgerechnet worden.

Die Summen der Niederschläge und der Verdunstung sind von fünf auf e i n Jahr umgerechnet worden; dagegen enthalten die Tabellen der Häufigkeit verschiedener Windrichtungen die Summen für 5 Jahre.

Als Tage mit Sturm sind alle Tage gezählt worden, an denen zu den Beobachtungsterminen o d e r i n d e r Z w i s c h e n z e i t Sturm beobachet wurde.

Die Registrierungen der Dauer des Sonnenscheins sind alle nochmals überarbeitet worden; die Ergebnisse stimmen nicht genau mit den für die einzelnen Jahre veröffentlichten Angaben überein.

In den Tabellen sind Buchstaben und andre Zeichen möglichst in Übereinstimmung mit den Beschlüssen der Intern. Klimatologischen Kommission und der Direktorenkonferenz 1935 angewandt worden; für einige dort nicht vorgesehene Grössen sind weitere Zeichen eingeführt worden. (Erklärung hierzu siehe S. 146.).

Iespiests F. Vītuma spiestuvē Rīgā, Matīsa ielā № 57