ASSOCIATION D'OCÉANOGRAPHIE PHYSIQUE

Union Géodésique et Géophysique Internationale

PUBLICATION SCIENTIFIQUE Nº 5

MONTHLY and ANNUAL MEAN HEIGHTS of SEA-LEVEL

Up to and including the year 1936

1940

Secrétariat de l'Association: The University, Liverpool 3

The Association issues two series of publications, viz. "Publications Scientifiques" and "Procès-Verbaux."

The following numbers have already appeared:—

PUBLICATIONS SCIENTIFIQUES.

No. 1. S. F. GRACE:
- I. Historical review of dynamical explanations of tides in non-elongated enclosed seas and lakes.
- II. Historical review of dynamical explanations of the tides of the Mediterranean, the Baltic Sea, the Gulf of Mexico, and the Arctic Ocean. (1931.)

No. 2. Tidal Bibliography (Third instalment). (1932.)

No. 3. Bibliography on tides and certain kindred matters (Fourth instalment). (1936.)

No. 4. PHIL E. CHURCH: Temperatures of the Western North Atlantic from Thermograph Records. (1937.)

PROCÈS-VERBAUX.

No. 1. Cinquième Assemblée Générale réunie à Lisbonne Septembre 1933. (1934.)

No. 2. General Assembly at Edinburgh, September 1936. (1937.)

These publications form a continuation of the "Bulletins de la Section d'Océanographie de l'Union Géodésique et Géophysique Internationale," of which there were 17 numbers, No. 1 being issued in 1921 and No. 17 in 1931.

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Committee on Mean Sea-Level and its Variations

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Preface

At the General Assembly of the *Association d'Océanographie Physique*, which was held at Lisbon in 1933, Professor R. Witting submitted a memorandum on "Mean Sea-Level and its Changes" (*Proc. Verb.* No. 1, pp. 41–44). The Association then appointed a Committee on the subject and asked for the collaboration of the *Association de Géodésie* and of the International Hydrographic Bureau of Monaco. Both these bodies readily agreed to this request, and nominated respectively Monsieur J. Vignal and Admiral J. D. Nares as members of the Committee.

The International Hydrographic Bureau collected much information on observed heights of sea-level from many countries and placed it at the disposal of the Committee. Other information was collected by the Secretary of the Committee.

At the General Assembly of the *Association d'Océanographie Physique*, held at Edinburgh in 1936, it was decided that the collection of data should be made as comprehensive as possible and then published in a special volume. It was considered that such a volume of data, which is fundamental for many problems of geophysics, would be a valuable contribution to science (*Proc. Verb.* No. 2, pp. 55–56). The present volume is the result of this decision. It contains monthly and yearly mean heights of sea-level from observations up to the end of the year 1936, together with information dealing with the way in which the observations have been taken and reduced, and with the datums from which the heights have been measured.

Corresponding data from observations taken in 1937 have already been published by the Association in a separate pamphlet, and it is the intention of the Committee that similar pamphlets shall be published for subsequent years. It is also intended that, every fifth year, the printed lists for the preceding five years, together with any lists which have not previously been published in collected form by the Association, shall be

bound together and issued as a *Publication Scientifique* of the Association.

The Committee expresses its cordial thanks to the International Hydrographic Bureau and to the various national authorities for the ready way in which they have provided the information now published. In preparing the volume, the Secretary of the Committee has received valuable assistance from Mr R. H. Corkan of the Liverpool Observatory and Tidal Institute, and from Mr J. Bernhardt. Much of the information on methods of observation and reduction and on datums was extracted by them from a large number of different sources.

It may be mentioned that information on the seasonal variation of the height of sea-level is contained in the harmonic constants Sa and Ssa. Mean values of these are published by the International Hydrographic Bureau, and series of values for individual years have been published by a number of authorities, notably by the Survey of India.

J. Proudman
(*Secretary of the Committee*).

Introduction

The primary sections of the volume relate to different countries and islands; the order of their arrangement is a geographical one.

The information for each country is arranged as follows:—

§ 1. A list of authorities, containing sources of information.
§ 2. A list of apparatus of observations.
§ 3. A description of the datums from which the heights have been measured.

Table A, giving particulars of the stations,
authorities for information, observations and reductions,
apparatus of observation,
methods of reduction,
datums from which heights are measured,
periods covered by the observations,
and using the reference numbers of §§ 1, 2, 3 and those given on p. 10.

Table B, giving the monthly and annual mean heights of sea-level.

Table C, giving the annual mean heights of sea-level when monthly mean heights are not available.

The entries in the two columns of Table A headed "Datums" give the heights of the datums *above* the surface of the levelling system or *above* the local bench marks.

Methods of Reduction of Observations

1. From readings at every hour:
   a. with allowance for incomplete tidal periods.
2. From daily mean heights, calculated from:
   a. continuous records by integration,
   b. one reading of a médimarémètre.
3. Two-daily mean heights, calculated from continuous records.
4. From daily readings:
   a. at hours 6, 7, 8, . . . 19, 20.
   b. ,, ,, 6, 7, 8, . . . 16, 17.
   c. ,, ,, 0, 3, 6, 9, 12, 15, 18, 21.
   d. ,, ,, 2, 5, 8, 11, 14, 17, 20, 23.
   e. ,, ,, 0, 4, 8, 12, 16, 20.
   f. ,, ,, 1, 5, 9, 13, 17, 21.
   g. ,, ,, 2, 6, 10, 14, 18, 22.
   h. ,, ,, 0, 6, 12, 18.
   i. ,, ,, 8, 12, 16, 20.
   j. ,, ,, 2, 8, 14, 20.
   k. ,, ,, 6, 12, 18.
   l. ,, ,, 12, 18.
   m. three times per day.
   n. twice per day.
   o. once per day.
5. From readings of high and low water:
   a. day and night.
   b. day only.
6. From readings once per week.

When observations have been interrupted, inferred values have sometimes been used as indicated in the tables. Such inferred values have often been based on observations at some neighbouring station during the periods in question.

NORWAY

§ 1. *Authorities.*

1. Norsk Gradmålings-Kommission, Kristiania.
   a. Resultater af Vandstands-Observationer paa den Norske Kyst I–VI (1882–1904).
2. Norges Geografiske Opmåling, Oslo.
3. Norges Sjökartverk, Oslo.
4. Port Authorities.
5. Conseil permanent international pour l'exploration de la mer. Bull. hydrog., 1928–1936 (Copenhague).
6. Liverpool Observatory and Tidal Institute.

The earlier observations were organised by Authority 1. Since 1904, observations have been taken by Authority 2, which possesses five gauges with men specially engaged for the work of control.

§ 2. *Apparatus.*

1. Recording gauge of
   a. Norwegian construction.
   b. German construction.
   c. U.S. Coast and Geodetic Survey pattern.

§ 3. *Datums.*

All datums are local.

The individual bench-marks are described in Authority 1*a* (VI).

The change of datum at Bergen occurred on 13th April 1887.

NORWAY

TABLE A: Stations, Authorities and Conditions

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums, § 3		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
			§ 1	§ 1	§ 1	§ 2	1:	cm./day	p. 10		cm.		
Vardö	70° 22′ N.	31° 06′ E.	1*a*	1	1	1*a*	20	..	1	..	−72·0	1880–5	..
											0·0	..	1891–2
Narvik	68 26 „	17 25 „	5	2 or 4	2	1*c*	18	..	1	..	−44·2	1928–36	..
Kabelvaag	68 13 „	14 30 „	1*a*	1	1	1*a*	20	..	1	..	−200·0	1880–5	..
											0·0	..	1889–90
Bodö	67 17 „	14 24 „	1*a*	1	1	1*a*	20	..	1	..	0·0	..	1896–7, 1900–1
Heimsjö	63 26 „	9 07 „	5	2 or 4	2	1*c*	16	..	1	..	−41·6	1935–6	..
Trondhjem	63 26 „	10 22 „	1*a*	1	1	1*a*	20	..	..	..	..	1872–4, 1877–8, 1880–1	..
Kjölsdal	61 55 „	5 38 „	5	2 or 4	2	1*c*	12	..	1	..	−367·9	1935–6	..
Bergen	60 24 „	5 18 „	1*a*	1	1	1*b*	..	..	1	..	−213·0	1883–7	..
											−200·0	1887–9	..
			5	2 or 4	2		..	..		..	0·0	..	1884–5, 1893–4
Stavanger	58 58 „	5 44 „	1*a*	1	1	1*b*	..	..	1	..	1·4	1928–36	..
											−48·0	1881–5	..
							..	..		..	0·0	..	1899–1900, 1900–1
			5	2 or 4	2		..	..	1	..	−10·9	1928–36	..
Tregde	58 00 „	7 34 „	5	2 or 4	2	1*c*	6	..	1	..	−230·7	1935–6	..
Arendal	58 27 „	8 47 „	1*a*	1	1	1*a*	20	..	1	..	0·0	1886–9	..
Nevlung-havn	58 58 „	9 53 „	5	2 or 4	2	1*c*	6	..	1	..	−343·8	1935–6	..
Horten	59 25 „	10 29 „	6	3	6	1	22	3·5	1*a*	..	..	1934	..
Oscarsborg	59 41 „	10 37 „	1*a*	1	1	1*a*	20	..	1	..	−100·0	1872–82	..
									..	..	0·0	..	..
Oslo	59 54 „	10 45 „	1*a*	1	1	1*a*	20	..	1	..	−100·0	1885–9	1884–5
										..	−102·0	1890	..
			5	2 or 4	2			..		..	0·0	..	1892–3
										..	−3·4	1928–36	..

TABLE B: Monthly and Annual Mean Heights of Sea-Level

VARDÖ. The mean values increase upwards; the unit is 1 metre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1880	..	..	..	..	1·913	2·003	1·991	2·053	2·031	2·022	..	2·089	(2·015)
1881	2·084	..	..	..	..	2·063	2·213	2·238	2·211	2·324	2·560	2·491	(2·277)
1882	2·550	2·506	2·349	2·134	2·073	2·085	2·180	2·251	2·151	2·111	2·038	2·121	2·212
1883	2·315	1·962	1·810	1·779	..	..	..	..	1·982	2·085	2·102	2·151	(2·023)
1884	2·213	2·112	1·961	1·862	1·876	1·958	2·021	2·022	2·157	2·228	2·226	2·150	2·065
1885	2·107	2·076	2·049	1·894	1·934	2·068	2·064	2·025	2·122	2·048	2·202	2·335	2·077

NARVIK. The mean values increase downwards; the unit is 1 metre.

1928	..	3·958	3·768	4·148	3·938	3·838	3·718	3·818	..	4·088	4·148	4·148	..
1929	4·368	4·328	3·944	4·149	4·109	4·031	3·963	3·933	3·851	3·704	3·650	3·517	3·962
1930	..	..	(3·847)	(4·025)	(3·900)	(3·853)	(3·989)	(3·935)	(3·927)	(3·707)	(3·575)	(3·715)	(3·847)
1931	..	..	..	..	..	..	..	3·874	3·865	3·626	3·750	3·631	..
1932	(3·473)	(3·837)	3·898	3·937	4·051	(3·975)	3·689	3·805	3·618	3·690	3·644	3·529	3·762
1933	3·613	3·791	3·866	3·914	4·036	4·004	3·852	3·819	3·874	3·738	3·828	(3·748)	3·840
1934	(3·521)	3·701	3·936	4·037	3·869	3·951	3·946	3·946	3·859	3·601	3·649	(3·781)	3·816
1935	(3·794)	(3·665)	3·954	4·024	(4·048)	(3·926)	(3·823)	3·851	3·910	3·747	3·792	3·835	3·864
1936	(3·842)	3·906	3·973	4·022	4·065	(3·870)	3·523	(3·787)	3·748	3·668	3·422	3·396	3·768

( ), the enclosed mean values have been calculated from an incomplete series of observations.

NORWAY

TABLE B—*continued*.

KABELVAAG. The mean values increase upwards; the unit is 1 metre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1880	..	..	..	..	..	..	1·919	1·884	2·023	..	2·240	..	(2·016)
1881	..	..	..	2·056	2·011	1·905	2·001	2·111	1·920	1·934	2·143	2·247	(2·037)
1882	2·294	2·179	2·087	1·724	1·951	2·057	2·268	2·347	2·180	2·220	2·240	2·130	2·140
1883	2·325	2·195	1·976	2·027	..	..	..	1·995	1·922	2·079	2·153	2·140	(2·079)
1884	2·072	1·896	1·761	1·789	1·978	1·989	2·033	1·998	2·092	2·252	2·169	2·359	2·032
1885	2·178	2·397	2·214	2·108	2·148	2·034	1·980	1·955	2·128	2·027	2·103	2·260	2·128

HEIMSJÖ. The mean values increase downwards; the unit is 1 metre.

1935	2·925	(2·735)	3·086	(3·070)	3·174	3·006	2·978	2·975	(2·912)	2·678	2·811	2·828	2·931
1936	(2·887)	2·883	(3·116)	(3·006)	3·198	3·040	2·990	(2·908)	2·953	2·825	2·861	2·610	2·940

TRONDHJEM. The mean values increase upwards; the unit is 1 metre.

1872	..	..	..	2·133	2·196	2·220	2·225	2·174	2·216	2·385	2·335	2·434	(2·257)
1873	2·455	2·118	2·032	2·060	2·269	2·199	..	..	..	..	2·459	2·495	(2·260)
1874	2·647	2·389	2·318	2·255	2·355	2·357	2·259	2·330	2·440	2·613	..	..	(2·396)
1877	..	..	2·164	2·065	2·098	2·192	2·235	2·161	2·144	2·390	2·497	2·329	(2·227)
1878	2·295	2·342	2·210	2·093	2·239	2·305	..	2·153	2·232	2·379	..	..	(2·250)
1880	..	2·330	2·153	..	..	..	2·155	1·956	2·265	2·190	2·448	2·315	(2·226)
1881	..	..	2·180	2·066	2·047	2·190	2·218	2·298	2·130	2·247	..	2·377	(2·194)

KJÖLSDAL. The mean values increase downwards; the unit is 1 metre.

1935	2·082	1·916	2·171	2·169	2·281	2·114	(2·013)	2·060	1·935	1·803	1·878	(1·956)	2·032
1936	(1·962)	2·034	(2·152)	2·203	2·202	2·186	2·033	1·993	(2·073)	2·005	1·949	1·793	2·056

BERGEN. The mean values increase upwards: the unit is 1 metre.

1883	1·924	1·878	1·730	1·752	1·840	2·001	2·148	2·196	2·188	2·251	2·321	2·195	2·035
1884	2·290	2·160	2·073	2·096	2·153	2·114	2·167	2·208	2·282	2·280	2·199	2·298	2·193
1885	2·159	2·279	2·119	2·123	2·199	2·208	2·148	2·202	2·332	2·324	2·305	2·339	2·228
1886	2·268	2·045	2·154	2·187	2·184	2·241	2·279	2·346	2·354	2·332	2·372	2·393	2·263
1887	2·336	2·247	2·141	..	..	..	1·985	2·069	2·109	2·113	2·110	2·168	(2·142)
1888	1·993	1·855	1·908	1·875	1·971	1·993	2·058	2·034	..	2·070	2·230	2·203	(2·014)
1889	2·080	2·018	2·013	1·973	2·037	2·058	2·024	2·094	2·108	2·160	2·162	2·184	2·076
1928	·136	·016	−·084	−·024	−·114	·026	·076	·076	·046	·156	·196	·096	·050
1929	−·124	−·103	−·096	−·090	−·088	−·016	−·016	·076	·141	·245	·217	·298	·037
1930	·219	−·133	−·013	−·080	−·016	·005	·030	·085	·076	·246	·212	·093	·060
1931	·096	(·028)	(−·040)	−·054	−·033	·023	·178	·078	(−·024)	·072	·181	·157	·055
1932	·265	−·080	−·019	·020	·028	−·061	·057	·031	·139	·219	·149	·201	·079
1933	·102	·031	−·047	−·048	−·065	−·011	−·012	·011	·010	·057	·002	−·035	·000
1934	·105	−·008	−·069	−·185	−·022	−·061	·003	·077	·191	·274	·114	·142	·047
1935	−·044	·152	−·120	−·058	−·184	−·022	−·014	−·082	·150	·267	·178	·077	·025
1936	·131	·076	−·069	−·058	−·148	−·076	−·047	−·021	−·026	·081	·105	·197	·020

( ), the enclosed mean values have been calculated from an incomplete series of observations.

NORWAY

TABLE B—*continued.*

STAVANGER.

The mean values increase upwards; the unit is 1 metre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1881	..	..	..	..	..	·524	·635	·640	·606	·678	·871	·727	(·669)
1882	·584	·557	·545	·484	..	·531	·604	·669	·675	·682	·738	·545	(·601)
1883	·675	·625	·469	·538	·604	..	·529	·690	·595	·653	·702	·523	(·600)
1884	..	..	·501	·665	·658	·582	·692	·666	..	·661	·579	..	(·625)
1885	·554	·746	·505	·428	..	·486	·481	·535	·644	·629	·614	..	(·562)
1928	·302	·092	·062	·102	·042	·132	·202	·212	·212	·322	·312	·192	·182
1929	·026	−·009	−·027	·057	·108	·101	·193	·214	·220	·379	·339	·464	·172
1930	(·404)	(·020)	·113	·104	·126	·102	(·195)	(·269)	(·214)	·367	·350	·219	·207
1931	·241	·100	·097	·069	·161	·099	(·170)	(·159)	·082	·264	·298	·287	·169
1932	·343	·028	·123	·196	·183	·109	·234	·184	(·274)	·352	·265	(·371)	·222
1933	·290	(·232)	·143	·082	·114	·177	·138	·266	·195	(·147)	(..)	(·086)	(·170)
1934	·270	·106	·109	·050	·112	(·088)	·149	·328	·306	·360	·200	·283	·197
1935	(·126)	(·237)	(·039)	(·023)	(−·036)	·105	·101	·131	·314	·380	·318	·287	·169
1936	(·313)	·156	·054	·108	·014	(·037)	·235	·178	·099	(·222)	(·244)	(·402)	·172

TREGDE.

The mean values increase downwards; the unit is 1 metre.

1935	(1·711)	(1·577)	1·840	(1·747)	1·850	1·751	1·695	1·707	(1·572)	(1·511)	(1·587)	(1·599)	1·679
1936	(1·560)	1·713	1·829	1·739	1·798	(1·767)	1·659	1·691	1·714	1·612	1·636	1·553	1·689

ARENDAL.

The mean values increase upwards; the unit is 1 metre.

1886	·987	..	·924	·928	·875	·988	1·045	1·071	1·056	..	..	..	(·984)
1887	·977	·902	..	·871	·915	·967	·986	1·050	1·054	1·056	1·000	1·093	(·989)
1888	..	·760	·829	·805	·937	·940	1·031	1·016	·968	1·055	1·058	1·073	(·952)
1889	·967	·949	·909	·859	·936	·963	1·043	1·083	1·062	1·035	1·084	1·007	(·991)

NEVLUNGHAVN.

The mean values increase downwards; the unit is 1 metre.

1935	(2·785)	2·650	2·911	(2·850)	(2·932)	(2·759)	(2·685)	(2·738)	(2·595)	(2·544)	2·654	2·720	2·735
1936	2·699	2·893	2·976	2·875	2·967	(2·840)	2·706	2·726	2·853	(2·722)	2·429	2·564	2·771

HORTEN.

The mean values increase upwards; the unit is 1 metre.

1934	1·201	1·130	·987	·934	1·124	1·073	1·083	1·230	1·236	1·363	1·114	1·103	1·131

OSCARSBORG.

The mean values increase upwards; the unit is 1 metre.

1872	..	·704	·704	·666	·861	·826	·952	·932	1·115	1·052	..	·768	(·858)
1873	1·118	·703	·530	·557	·373	·519	·704	·876	1·096	1·159	·967	1·065	·806
1874	·666	·197	·175	·801	·821	·877	..	..	..	..	..	..	(·589)
1875	..	..	..	..	·839	·980	·888	·983	1·021	·770	·719	·923	(·891)
1876	·798	·648	·830	·715	·615	·840	1·007	·980	·959	·860	·582	·527	·780
1877	·730	·746	..	..	·757	·978	1·062	·946	·924	1·069	1·209	·918	(·934)
1878	·761	·847	·797	·639	·947	·929	·894	·918	1·097	1·004	·790	·763	·866
1879	·628	·688	·695	·672	·735	1·062	·960	·987	1·087	·965	·725	·905	·842
1880	·725	·795	·789	·769	·709	·824	1·038	·943	·957	·777	1·085	1·067	·873
1881	·629	·505	·815	·627	·670	·778	·929	1·074	·680	·674	1·052	·984	·785
1882	·965	·864	·730	·657	·757	·812	·934	1·031	·904	·826	·840	·580	·825

( ), the enclosed mean values have been calculated from an incomplete series of observations.

NORWAY

TABLE B—*continued.*

OSLO.

The mean values increase upwards; the unit is 1 metre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1885	..	..	..	..	..	..	1·155	1·097	1·272	1·201	1·157	1·382	(1·211)
1886	1·094	·851	·928	1·031	1·008	1·128	1·234	1·255	1·228	1·052	1·235	1·280	1·110
1887	1·181	1·163	1·015	·990	1·042	1·100	1·209	1·241	1·228	1·191	1·132	1·196	1·141
1888	1·099	·867	·878	·904	1·122	1·076	1·225	1·253	1·194	1·294	1·244	1·205	1·113
1889	1·112	1·012	·990	·896	·996	1·092	1·159	1·285	1·156	1·072	1·249	1·196	1·102
1890	1·375	·953	1·106	1·013	1·023	1·127	1·312	1·272	1·198	1·328	1·140	·977	1·152
1928	·025	−·005	−·265	−·205	−·245	·015	·165	·085	·015	·085	·075	−·005	−·021
1929	−·272	−·385	−·166	−·158	−·131	·052	·090	·121	·101	·257	·211	·262	−·015
1930	·284	−·178	(·041)	(−·160)	−·069	−·027	(−·027)	·043	−·077	·167	·170	−·046	·010
1931	−·074	(−·083)	−·263	(−·234)	−·137	·016	(·117)	(·002)	−·112	·129	(·013)	·169	−·038
1932	·246	−·146	(−·176)	−·051	−·189	(−·164)	(·027)	·027	·210	·156	·075	·069	−·007
1933	·050	·019	−·115	−·157	−·223	(−·107)	(·081)	·092	−·116	−·043	−·207	−·198	−·077
1934	·131	·028	−·140	−·236	−·020	−·068	−·093	·065	·074	·210	−·039	−·080	−·014
1935	−·091	·139	−·235	−·170	−·251	−·021	(·046)	−·034	·127	(·263)	·005	·004	−·018
1936	·029	−·204	−·317	−·217	−·318	−·085	·091	·061	(−·170)	·037	·021	·251	−·068

TABLE C: ANNUAL MEAN HEIGHTS OF SEA-LEVEL

The mean values increase upwards; the unit is 1 metre

Station	Year	Annual Mean Height
Vardö	1891 Apr. 1–1892 Apr. 4	1·430
Kabelvaag	1889 Feb. 7–1890 Feb. 10	·083
Bodö	1896 June 1–1897 June 4	−1·123
	1900 Jan. 1–1901 Jan. 4	(−1·334)
Bergen	1884 Dec. 27–1885 Dec. 30	·092
	1893 Dec. 1–1894 Dec. 4	·074
Stavanger	1899 Apr. 1–1900 Apr. 4	·152
	1900 July 1–1901 July 4	·146
Oscarsborg	1884 Jan. 1–1885 Jan. 3	−·172
Oslo	1892 July 1–1893 July 4	·106

( ), the enclosed mean values have been calculated from an incomplete series of observations.

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§ 1. *Authorities.*

1. Statens Meteorologisk-Hydrografiska Anstalt, Stockholm.
   - *a.* F. Bergsten: Vattenstånden vid Rikets Kuster. Medd. 2 (4). (1925.)
   - *b.* Årsbok III, 1922–1936.
   - *c.* Årsbok I, 1922–1930.
2. K. Nautisk-Meteorologiska Byrån, Stockholm.
3. F. Bergsten: Changes of Level on the Coasts of Sweden, Geogr. Annal., 1930, H. 1.

Hourly heights, daily and monthly mean heights for the years 1907–1910 have been published in K. Nautisk-Meteorologiska Byrån. Registrerade Vattenhöjder vid Byråns Mareografstationer. (Södertälje, 1918.)

Monthly and annual mean heights for the years 1928–1936 from certain stations have been published in Cons. internat. explor, mer. Bull. hydrog. (Copenhague.)

§ 2. *Apparatus.*

1. Recording gauge, of local construction, described in Authority 1*b*, 1922.
2. Non-recording gauge.
3. Fixed scale.

§ 3. *Datums.*

The standard surface of the Swedish system of precision levelling is *Sveriges Normalhöjdpunkt* or N.H. But the *Zero-Surface* of the system of precision levelling, to which reference is made in Table A, is 1180·0 cm. below N.H.

It has been shown that the whole of Sweden is undergoing a progressive change of level.

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TABLE A: Stations, Authorities and Conditions

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations: Height Ratio	Apparatus for Observations: Time Scale	Methods of Reduction	Datums, § 3: Levelling System	Datums, § 3: Bench Marks	Periods: Table B	Periods: Table C
	° ′	° ′	§ 1	§ 1	§ 1	§ 2	1:	cm./hr.	p. 10	cm.	cm.		
Strömstad	58 57 N.	11 11 E.	1	2, 1	2, 1	3	..	..	4*o*	−315	..	1900–23, 1925–36	..
Smögen	58 22 ,,	11 13 ,,	1*a*, 1*b*	2, 1	2, 1	1*a*	10	2·0	1	+348·3	..	1911–36	..
Bäckevik	58 22 ,,	11 15 ,,	1	2, 1	2, 1	3	..	..	4*o*	98	..	1895–1928	..
Göteborg	57 43 ,,	11 58 ,,	1	2, 1	2, 1	1	..	..	2*a*	−1013·7	..	1887–1900, 1902–36	..
Varberg	57 06 ,,	12 13 ,,	1*a*, 1*b*	2, 1	2, 1	1*a*	10	2·0	1	462·7	..	1887–1936	..
Ualmö	55 37 ,,	13 00 ,,	3	2, 1	2, 1	..	..	..	4*o*	−10	..	..	1902–27
Limhamn	55 35 ,,	12 56 ,,	1	1	1	1	..	..	2*a*	−108	..	1928–36	..
Klagshamn	55 31 ,,	12 55 ,,	1	1	1	1	..	..	2*a*	−98	..	1929–36	..
Ystad	55 25 ,,	13 49 ,,	1*a*, 1*b*	2, 1	2, 1	1*a*	10	2·0	1	399·1	..	1887–1936	..
Åhus	55 55 ,,	14 18 ,,	3	2, 1	2, 1	..	..	..	4*o*	..	..	..	1903–27
Kungsholms fort (Karlskrona)	56 06 ,,	15 35 ,,	1*a*, 1*b*	2, 1	2, 1	1*a*	10	2·0	1	423·1	..	1887–1936	..
Kalmar	56 40 ,,	16 22 ,,	3	2, 1	2, 1	..	..	..	4*o*	..	..	..	1903–27
Ölands n. udde	57 22 ,,	17 06 ,,	1	1	1	2	..	..	4*o*	179	..	1923–36	..
Visby	57 39 ,,	18 18 ,,	3	2, 1	2, 1	..	..	..	4*o*	..	..	..	1916–27
Västervik	57 46 ,,	16 39 ,,	3	2, 1	2, 1	..	..	..	4*o*	..	..	..	1896–27
Mem	58 29 ,,	16 25 ,,	1	2	2	3	..	..	6	..	..	..	1864–86
				2, 1	2, 1		..	..	4*o*	..	..	1887–1925	..
Nedre Nyköping	58 45 ,,	17 01 ,,	1	2	2	3	..	..	4*o*	−99	..	1909–20	..
Landsort	58 45 ,,	17 52 ,,	1*a*, 1*b*	2, 1	2, 1	1*a*	10	2·0	1	442·4	..	1887–1936	..
Nedre Södertälje	59 12 ,,	17 38 ,,	1	2, 1	2, 1	3	..	..	4*o*	−384	..	1869–1936	..
Nedre Stockholm	59 19 ,,	18 05 ,,	3	2, 1	2, 1	3	..	..	4*o*	−384	..	..	1825–1927
			1*b*	1	1		..			..	..	..	1928–32
Stockholm	59 19 ,,	18 05 ,,	1*a*, 1*b*	2, 1	2, 1	1*a*	10	2·0	1	320·9	..	1889–1936	..
Grönskär	59 17 ,,	19 02 ,,	1*c*	1	1	3	..	..	4*o*	−385	..	1922–30	..
Björn	60 38 ,,	17 58 ,,	1*a*, 1*b*	2, 1	2, 1	1*a*	10	2·0	1	375·7	..	1892–1936	..
Nedre Gävle	60 41 ,,	17 10 ,,	1	2, 1	2, 1	1	..	..	2*a*	−324	..	1896–1936	..
Draghällan (Sundsvall)	62 20 ,,	17 28 ,,	1*a*, 1*b*	2, 1	2, 1	1*a*	10	2·0	1	341·3	..	1898–1936	..
Ratan	64 00 ,,	20 55 ,,	1*a*, 1*b*	2, 1	2, 1	1*a*	10	2·0	1	368·2	..	1892–1936	..
Furuögrund	64 55 ,,	21 14 ,,	1*a*, 1*b*	2, 1	2, 1	1*a*	10	2·0	1	298·8	..	1916–36	..
Luleå	65 32 ,,	22 11 ,,	3	2, 1	2, 1	3	..	..	..	..	..	..	1912–27

TABLE B: Monthly and Annual Mean Heights of Sea-Level

STRÖMSTAD. The mean values increase upwards; the unit is 1 centimetre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1900	*i* 300	*i* 288	*i* 285	*i* 292	*i* 306	310·7	309·0	311·9	309·9	317·3	295·1	324·7	304·1
1901	307·0	295·2	281·0	300·8	288·8	313·5	301·5	306·7	297·5	311·3	305·6	300·6	300·8
1902	324·3	292·2	304·1	284·6	291·8	292·7	307·2	311·2	303·0	307·3	309·7	307·4	303·0
1903	314·3	331·3	313·9	300·3	301·4	297·4	312·5	326·7	308·4	311·7	321·7	299·2	311·6
1904	310·0	290·3	277·9	302·4	295·7	302·6	307·7	309·6	299·7	313·1	314·9	318·1	303·5

i, the mean values have been obtained by interpolation or inference.

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TABLE B—*continued.*

STRÖMSTAD—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1905	302·3	300·3	297·1	286·9	291·5	296·6	307·9	310·4	310·7	298·0	298·7	320·6	301·8
1906	314·4	303·0	304·5	290·6	292·0	297·8	308·1	308·8	297·0	304·3	306·6	306·9	302·8
1907	297·2	302·6	292·8	289·3	291·7	307·9	303·5	320·1	309·7	308·0	304·9	296·8	302·0
1908	306·1	300·6	271·7	276·8	292·2	298·8	298·5	306·1	302·9	293·1	309·3	302·5	296·6
1909	307·3	291·4	276·7	286·8	290·3	296·3	314·0	312·5	299·2	326·2	309·3	314·0	302·0
1910	316·3	307·9	294·7	294·9	293·8	292·8	302·7	300·3	297·3	292·8	288·6	304·9	298·9
1911	299·3	312·1	286·2	289·3	298·4	298·1	301·5	301·5	312·6	296·1	312·4	305·9	301·1
1912	291·0	298·4	299·5	283·7	302·6	305·1	301·1	312·5	302·6	300·5	311·7	333·3	303·5
1913	292·8	307·3	312·4	288·4	294·9	307·9	300·4	298·7	293·7	304·6	332·1	316·9	304·2
1914	306·8	316·1	298·5	301·1	296·7	296·4	302·7	303·6	309·5	288·9	307·4	315·7	303·6
1915	294·1	287·4	288·5	293·4	287·1	291·7	309·9	308·6	293·1	279·4	295·9	289·4	293·2
1916	325·3	296·8	278·1	290·6	291·8	i300·8	304·0	296·5	300·5	307·0	312·4	305·5	300·8
1917	278·1	291·4	278·2	285·9	281·2	295·6	292·9	301·7	315·1	314·9	318·7	298·3	296·0
1918	298·5	300·4	276·6	271·6	279·7	296·9	298·7	304·6	315·7	307·1	304·0	305·6	296·6
1919	286·0	278·6	284·6	289·2	278·0	294·7	296·7	311·7	315·5	291·5	289·2	297·1	292·7
1920	309·1	307·5	298·5	295·0	297·6	296·1	308·3	303·4	296·1	282·3	305·5	290·3	299·2
1921	321·1	282·6	305·3	283·9	297·0	293·8	300·8	304·8	301·3	305·3	287·3	320·4	300·3
1922	280·5	290·0	291·0	283·7	300·4	300·7	305·3	306·3	294·8	291·3	304·5	308·1	296·4
1923	309·0	276·4	279·2	277·8	303·8	305·2	304·5	308·8	313·7	329·0	302·7	300·6	300·9
1924	..	..	..	..	..	..	..	..	..	..	..	..	..
1925	315·4	306·1	281·2	296·9	293·5	300·3	295·6	308·5	308·3	305·5	297·8	307·8	301·4
1926	288·7	286·0	297·0	286·2	294·3	304·5	298·5	309·9	307·3	299·1	307·1	298·0	298·1
1927	i305	i291	i291	i299	i287	i300·0	i301	315·3	310·1	313·5	299·7	271·1	i298·6
1928	303·6	300·5	273·5	279·8	278·8	302·5	313·4	307·9	303·9	309·3	305·9	301·8	298·4
1929	269·2	261·4	286·8	285·7	285·3	301·2	303·0	311·9	308·2	321·4	316·4	323·3	298·0
1930	317·9	279·5	296·9	278·6	292·7	296·2	302·8	304·9	292·0	309·4	317·9	297·6	299·0
1931	296·7	292·1	277·4	279·8	287·6	304·2	309·7	301·1	290·1	314·1	303·3	315·2	297·7
1932	323·7	284·2	285·1	295·6	286·8	294·1	305·6	303·1	319·3	310·2	310·0	310·0	302·4
1933	302·0	291·4	287·9	287·1	287·0	291·2	304·1	307·5	290·7	295·9	281·5	283·1	292·5
1934	305·9	299·0	284·9	277·0	297·4	292·9	294·9	304·7	306·4	319·1	298·3	294·5	297·9
1935	291·7	311·4	277·1	286·8	276·7	300·5	306·6	297·9	314·0	324·7	303·8	303·2	299·4
1936	306·0	282·6	273·3	285·6	273·3	294·2	309·7	304·5	283·2	304·0	305·9	326·4	295·8

SMÖGEN. The mean values increase downwards; the unit is 1 centimetre.

1911	360·9	346·1	370·1	364·4	364·6	362·5	358·8	355·7	346·4	359·3	342·5	351·2	356·9
1912	363·6	357·4	355·6	368·6	357·4	351·9	356·4	346·4	354·7	353·3	347·3	329·3	353·5
1913	362·8	351·9	344·5	365·2	363·0	353·0	356·4	355·8	360·3	351·8	324·6	339·0	352·4
1914	352·6	344·3	357·1	358·9	361·0	362·5	356·8	355·0	348·1	364·8	350·3	339·9	354·3
1915	361·5	366·9	367·9	365·5	370·0	366·3	351·4	350·6	360·7	374·8	359·2	364·6	363·3
1916	333·3	359·9	373·9	367·9	366·6	360·1	356·1	354·8	356·7	348·6	345·5	353·7	356·4
1917	379·0	367·9	377·9	371·2	377·0	365·0	362·8	353·7	342·1	341·9	341·4	357·7	361·5
1918	355·1	356·5	377·9	381·3	377·5	361·3	357·8	354·1	341·1	352·3	355·8	353·1	360·3
1919	371·5	371·6	369·9	369·2	377·3	361·0	356·8	345·5	343·9	361·5	363·7	360·9	362·7
1920	348·7	352·6	359·8	362·1	360·1	361·3	351·5	355·4	356·7	370·1	354·4	365·7	358·2
1921	339·1	371·7	353·8	372·6	364·1	362·9	356·7	352·2	354·7	351·5	366·0	337·1	356·9
1922	371·4	364·5	364·8	373·7	362·0	358·5	353·2	351·6	359·6	366·5	350·1	349·1	360·4
1923	350·2	373·7	380·9	377·8	361·7	356·1	353·4	348·4	346·3	333·2	347·0	358·7	357·3
1924	366·7	367·1	372·5	372·9	366·4	359·7	351·7	351·7	341·8	352·4	357·3	345·6	358·8
1925	342·5	354·0	374·4	369·6	368·2	361·6	361·7	353·2	348·7	351·8	359·8	347·5	357·8
1926	362·9	368·5	359·3	369·5	366·2	359·2	358·5	349·5	350·6	352·2	347·3	356·7	358·4
1927	352·0	366·5	366·0	358·0	370·1	353·3	356·4	349·0	347·3	344·9	357·0	378·6	358·3
1928	352·9	358·5	379·1	375·4	378·4	357·5	346·9	350·9	355·4	350·7	349·1	360·8	359·6
1929	384·1	391·6	372·3	371·9	372·1	358·5	355·5	352·3	353·1	341·5	345·2	342·9	361·8
1930	345·3	381·8	367·2	383·2	371·3	368·5	359·5	356·4	367·4	350·3	342·1	362·0	362·9
1931	361·6	371·0	382·8	376·6	371·6	359·0	350·6	357·5	364·7	345·7	356·3	347·0	362·0
1932	344·0	375·6	373·9	364·2	372·6	365·6	356·2	357·1	344·3	349·1	351·4	352·5	358·9
1933	364·9	368·0	372·9	371·3	373·4	368·2	358·7	353·7	366·7	361·2	375·9	374·3	367·4
1934	354·6	360·8	371·9	378·0	366·2	366·2	363·4	354·5	355·1	343·0	358·9	361·7	361·2
1935	366·5	350·9	377·7	371·4	379·7	363·6	354·9	360·6	346·5	339·0	355·9	356·7	360·3
1936	354	374	383	374	383	367	355	357	370	354	357	340	364·0

The mean values increase downwards; the unit is 1 centimetre.

i, the mean values have been obtained by interpolation or inference.

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TABLE B—*continued.*

BÄCKEVIK. The mean values increase downwards; the unit is 1 centimetre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1895	122·2	130·5	113·4	110·0	116·0	111·5	94·0	95·0	98·5	92·4	98·5	95·2	106·4
1896	103·0	111·5	108·7	112·5	115·0	103·5	105·0	100·5	98·0	102·0	109·0	116·0	107·1
1897	128·0	107·8	118·0	120·5	107·0	108·2	99·5	98·0	90·8	104·0	102·0	108·0	107·7
1898	94·0	99·5	122·0	122·0	107·0	106·5	98·3	96·5	99·5	107·0	100·5	78·0	102·6
1899	101·0	103·5	111·9	107·5	116·3	116·5	99·0	104·0	89·5	87·2	80·5	114·0	102·6
1900	109·6	126·3	128·8	120·5	113·0	107·3	100·7	102·3	98·5	93·0	111·0	86·6	108·1
1901	106·9	117·0	126·5	117·7	123·7	108·0	111·0	106·6	113·0	99·4	105·9	106·5	111·9
1902	90·7	117·8	107·7	125·3	117·9	118·6	103·0	100·0	107·1	103·2	108·8	107·8	109·0
1903	101·6	85·0	98·5	109·6	109·6	112·2	99·7	85·8	100·2	95·6	93·8	111·8	100·3
1904	103·5	115·9	130·6	109·3	114·7	109·3	103·8	97·5	112·4	100·2	97·6	95·1	107·5
1905	106·6	108·3	114·8	121·9	118·9	112·5	106·4	102·5	98·0	106·8	111·2	94·4	108·5
1906	96·5	110·3	107·8	117·8	116·3	111·9	100·2	99·7	109·5	103·6	104·2	100·6	106·5
1907	110·7	107·4	113·3	118·0	115·3	102·7	106·4	90·1	100·9	102·0	104·9	111·1	106·9
1908	105·0	107·0	134·0	130·7	116·7	110·5	109·2	102·0	105·3	114·8	99·5	108·1	111·9
1909	100·7	115·9	128·3	121·0	118·0	114·1	96·1	96·6	109·9	85·7	99·3	96·6	106·8
1910	91·4	99·9	115·6	113·1	114·3	106·8	104·4	105·4	111·1	115·5	104·1	104·3	107·2
1911	110·2	95·7	119·6	116·6	112·1	109·0	106·9	106·3	96·5	109·4	93·1	101·5	106·4
1912	114·3	110·3	107·9	121·0	107·5	101·6	105·3	95·5	104·7	105·5	98·5	77·0	104·1
1913	113·0	103·5	95·0	116·7	113·5	100·7	106·3	107·3	112·8	105·2	79·1	88·1	103·4
1914	101·1	94·1	108·5	112·3	110·9	110·9	103·4	103·7	97·2	116·8	100·6	93·6	104·4
1915	114·0	116·0	120·0	113·7	120·2	116·0	99·0	98·8	110·8	125·8	110·5	115·5	113·4
1916	86·0	110·2	128·9	118·2	115·0	107·7	103·4	105·6	107·3	101·1	99·3	106·5	107·4
1917	128·1	119·5	123·9	121·3	128·1	115·2	115·5	106·0	96·5	94·8	92·3	113·1	112·9
1918	111·1	109·1	129·8	134·0	129·0	114·2	110·5	109·0	92·5	105·6	109·2	105·8	113·3
1919	122·7	125·2	122 9	124·3	129·5	113·8	109·8	100·0	98·8	116·1	118·8	113·5	116·3
1920	101·0	105·9	115·3	116·8	111·8	115·3	104·0	106·8	110·8	127·1	107·7	119·4	111·8
1921	90·5	124·1	106·1	125·0	116·0	115·3	110·2	105·5	110·5	105·8	121·2	94·0	110·4
1922	122·9	117·1	112·9	125·2	112·1	110·7	103·4	102·9	112·3	118·5	104·5	103·4	112·1
1923	103·5	124 5	131·1	129·3	112·6	109·3	103·9	99·4	100·2	85·5	98·5	107·9	108·7
1924	120·3	115·9	123·5	124·3	115·6	109·2	101·5	101·3	95·0	103·7	108·2	95·2	109·4
1925	91·5	106·1	124·8	117·8	117·1	110·8	111·9	105·5	100·8	105·6	110·8	97·1	108·3
1926	114·8	118·0	111·1	119·0	116·5	106·8	109·4	101·5	102·3	104·4	97·7	108·1	109·1
1927	102·4	114·3	114·7	108·8	117·3	100·3	103·4	97·9	100·3	97·9	108·5	130·3	108·0
1928	102·1	106·0	129·2	126·0	129·2	108·3	97·9	103·5	108·0	103·5	100·8	110·3	110·4

GÖTEBORG. The mean values increase upwards; the unit is 1 centimetre.

1887	1012	1009	1002	999	1010	1016	1028	1032	1020	1020	1010	1018	1015·7
1888	1006	990	992	994	1003	994	1006	1023	1016	1031	1023	1023	1008·5
1889	1012	1001	1005	999	1003	1008	1018	1030	1020	1012	1015	1013	1012·1
1890	1034	996	1020	1007	1007	1020	1032	1030	1021	1034	1018	1001	1019·8
1891	1010	1010	1030	994	1014	1009	1022	1026	1032	1030	1007	1026	1018·6
1892	1017	1008	1001	1008	1013	1021	1029	1027	1036	1026	1019	1024	1018·3
1893	1009	1017	1025	1006	1007	1018	1025	1027	1040	1041	1028	1034	1023·1
1894	1028	1046	1021	1006	1009	1014	1026	1036	1019	1017	1033	1035	1024·2
1895	1000	1000	1014	1017	1008	1012	1033	1034	1030	1036	1029	1031	1020·3
1896	1024	1016	1020	1014	1012	1023	1025	1024	1027	1025	1016	1009	1019·6
1897	996	1020	1008	1007	1017	1019	1027	1028	1036	1022	1024	1020	1018·7
1898	1034	1027	1006	1003	1017	1019	1032	1030	1030	1018	1030	1052	1025·4·8
1899	1028	1024	1020	1021	1009	1010	1021	1020	1035	1037	1046	1010	1023·4
1900	1011	1001	997	1004	1013	1017	1023	1019	1027	1033	1014	1033	1016·0
1901	..	..	..	..	..	..	..	..	..	..	..	..	..
1902	1028	1007	1014	994	1005	1005	1022	1026	1018	1019	1012	1013	1013·6
1903	1023	1045	1030	1018	1013	1008	1025	1041	1024	1028	1031	1008	1024·5
1904	1016	1003	990	1012	1009	1013	1019	1025	1007	1019	1023	1025	1013·4
1905	1016	1014	1003	998	1000	1006	1014	1017	1021	1015	1007	1025	1011·3
1906	1025	1011	1016	1000	1001	1007	1020	1022	1009	1013	1014	1021	1013·2
1907	1013	1014	1011	1003	1006	1018	1016	1036	1024	1019	1014	1009	1015·2
1908	1019	1016	985	989	1001	1007	1009	1016	1011	999	1016	1007	1006·2
1909	1011	1000	987	993	1000	1004	1019	1030	1016	1037	1023	1028	1012·3
1910	1033	1022	1006	1007	1006	1014	1017	1017	1009	1005	1017	1015	1014·0
1911	1015	1027	1003	1008	1008	1009	1015	1017	1028	1012	1032	1016	1016·8
1912	1003	1013	1015	1003	1014	1024	1016	1029	1020	1017	1027	1047	1019·0

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TABLE B—*continued.*

GÖTEBORG—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1913	1009	1022	1031	1008	1008	1023	1019	1020	1011	1017	1048	1040	1022
1914	1024	1033	1015	1013	1013	1011	1016	1018	1029	1005	1021	1033	1019
1915	1009	1000	1004	1009	1003	1008	1024	1022	1013	996	1014	1010	1009
1916	1041	1017	996	1005	1008	1018	1020	1021	1019	1028	1029	1018	1018
1917	998	1007	997	1006	998	1010	1009	1018	1032	1034	1036	1018	1014
1918	1020	1017	994	991	991	1013	1016	1021	1037	1021	1016	1021	1013
1919	1002	999	1000	1002	992	1011	1016	1030	1028	1011	1002	1006	1008
1920	1024	1020	1014	1010	1012	1010	1024	1022	1016	997	1017	1002	1014
1921	1034	1001	1020	1000	1006	1009	1017	1021	1018	1021	1006	1034	1018
1922	1003	1003	1011	997	1013	1017	1022	1024	1016	1005	1020	1024	1019
1923	1028	999	987	992	1013	1020	1021	1027	1028	1044	1031	1016	1017
1924	1006	1007	1002	1000	1008	1016	1023	1023	1031	1018	1014	1026	1015
1925	1037	1021	999	1004	1005	1015	1013	1019	1025	1021	1015	1026	1017
1926	1011	1001	1015	1003	1004	1015	1013	1025	1023	1022	1024	1017	1014
1927	1022	1008	1007	1016	1003	1024	1018	1024	1024	1029	1016	991	1015
1928	1023	1021	991	995	994	1020	1032	1027	1022	1025	1027	1020	1016
1929	994	984	1002	1003	1005	1017	1022	1026	1024	1038	1031	1038	1016
1930	1035	994	1006	992	999	1008	1018	1023	1008	1025	1038	1009	1013
1931	1011	998	986	996	1002	1016	1026	1020	1012	1029	1014	1026	1011
1932	1033	1001	994	1009	1004	1009	1019	1018	1032	1027	1022	1022	1016
1933	1011	1007	1001	1004	1000	1004	1018	1024	1005	1012	996	996	1006
1934	1017	1018	1003	992	1007	1008	1010	1020	1016	1032	1017	1009	1012
1935	1006	1024	995	1005	992	1009	1020	1013	1030	1036	1013	1015	1013
1936	1020	997	988	1000	986	1004	1020	1017	1005	1022	1016	1040	1010

VARBERG. The mean values increase downwards; the unit is 1 centimetre.

1887	465	467	472	473	471	465	457	452	454	454	462	452	462·0
1888	464	480	484	482	467	470	459	457	463	449	452	456	465·2
1889	465	467	476	478	478	472	460	447	456	467	457	463	465·5
1890	446	480	463	470	474	460	452	453	460	443	460	478	461·5
1891	474	474	459	485	470	472	462	454	448	451	468	451	464·3
1892	458	471	483	474	470	463	456	453	450	461	472	461	464·5
1893	480	475	462	478	474	465	460	456	443	426	454	452	460·4
1894	459	443	463	479	477	470	460	452	462	471	455	452	461·9
1895	482	484	472	466	478	472	452	453	454	448	458	456	464·5
1896	463	468	466	470	472	462	460	460	458	463	468	478	465·7
1897	488	468	476	476	468	466	457	457	448	462	458	464	465·8
1898	451	454	473	480	468	464	451	458	454	468	459	434	459·4
1899	454	461	463	462	474	468	462	460	446	446	438	471	458·8
1900	472	484	487	480	466	468	462	464	458	450	472	450	467·7
1901	‘470	‘480	‘490	‘480	485	469	473	463	472	460	459	464	472·0
1902	444	472	469	488	475	476	458	456	462	460	468	464	466·0
1903	458	440	456	462	468	472	457	440	456	456	449	473	457·2
1904	466	475	488	470	472	465	459	452	470	458	453	451	464·8
1905	457	461	476	475	476	470	459	455	456	458	469	454	463·8
1906	452	465	460	474	476	466	456	452	465	464	462	455	462·2
1907	466	465	467	474	471	463	461	444	455	460	469	470	463·8
1908	463	458	490	486	477	472	469	457	461	473	462	467	469·6
1909	462	473	484	480	476	471	455	453	465	449	457	457	465·2
1910	453	460	471	469	469	461	459	461	466	470	462	463	463·7
1911	464·7	452·4	474·9	466·6	470·2	468·6	462·5	460·8	449·9	462·6	447·6	465·0	462·2
1912	476·0	467·1	466·0	472·0	462·9	457·4	465·1	452·0	458·1	461·8	453·2	436·0	460·6
1913	471·3	458·7	448·9	469·0	472·5	458·0	459·5	458·1	468·7	462·4	432·1	438·8	458·2
1914	454·3	449·9	463·7	466·4	465·0	468·1	462·4	460·1	451·1	472·0	458·3	446·2	459·6
1915	471·1	478·6	476·0	472·4	476·4	471·9	458·2	458·0	463·8	483·6	465·6	469·1	470·4
1916	438·8	464·4	481·7	476·8	473·5	466·5	463·4	458·2	462·4	455·0	457·0	467·1	463·7

i, the mean values have been obtained by interpolation or inference.

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TABLE B—*continued.*

VARBERG—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1917	480·5	475·6	481·9	475·4	482·1	470·0	468·6	462·6	446·8	447·4	445·2	456·6	466·1
1918	458·0	461·6	483·5	486·9	489·8	465·3	461·1	457·7	443·1	457·8	462·1	461·1	465·7
1919	478·1	479·3	479·5	474·6	485·5	465·0	461·5	446·5	449·1	463·6	474·7	468·9	468·9
1920	457·3	457·8	464·3	467·8	465·8	465·0	455·1	458·0	461·4	481·6	466·7	479·2	465·0
1921	445·1	473·9	458·2	474·7	471·5	465·5	458·1	455·3	457·2	452·7	467·9	442·8	460·2
1922	473·4	474·1	467·4	480·1	466·3	461·2	456·1	455·4	459·1	469·1	453·4	452·8	464·0
1923	450·2	476·0	490·0	486·0	468·9	458·4	458·8	451·3	450·8	436·6	448·0	461·3	461·4
1924	474·1	469·2	476·1	477·0	472·6	463·1	454·1	457·0	448·3	458·7	462·9	455·9	464·1
1925	445·6	457·3	477·0	474·6	475·3	463·9	464·1	455·8	450·3	452·2	462·9	452·5	461·0
1926	468·4	475·4	462·1	473·4	472·9	462·7	462·4	451·3	452·5	452·6	455·7	459·0	462·4
1927	455·6	470·0	472·1	460·6	470·6	456·0	459·5	453·3	451·1	445·1	461·3	482·6	461·5
1928	460·3	460·7	488·4	482·6	482·4	458·2	449·2	450·6	456·5	453·0	451·3	461·1	462·9
1929	484·1	498·6	477·8	473·6	475·7	461·3	457·2	454·1	454·9	442·3	451·6	449·8	465·1
1930	452·2	484·4	474·8	488·0	478·2	473·3	461·1	459·2	472·7	452·7	442·5	467·0	467·2
1931	463·7	479·6	483·4	481·4	476·1	462·0	452·8	458·0	463·9	447·6	464·5	449·4	465·2
1932	447·7	474·0	476·2	469·4	475·1	469·3	461·4	461·5	446·6	452·5	458·9	458·6	462·6
1933	474·0	470·1	478·9	470·4	476·0	473·3	461·7	454·5	469·9	465·9	477·2	480·5	471·0
1934	462·9	460·3	472·9	487·2	470·5	469·0	465·5	458·0	460·5	445·7	‘460·0	‘468·0	465·0
1935	‘473·0	‘447·0	‘476·0	‘468·0	‘478·0	‘464·0	‘449·0	(459·0)	446·7	439·2	461·1	462·2	‘460·3
1936	457	478	487	475	485	472	458	458	468	451	458	442	466

LIMHAMN. The mean values increase upwards; the unit is 1 centimetre.

1928	..	..	..	..	..	..	..	127	120	118	117	115	..
1929	‘ 98	‘ 77	‘ 89	93	99	111	117	115	120	126	110	108	105·2
1930	110	‘ 95	92	90	92	96	114	116	100	115	132	103	104·6
1931	110	‘ 87	‘100	94	96	107	119	115	117	123	103	121	107·7
1932	118	114	98	101	98	106	113	115	121	122	107	109	110·2
1933	100	108	89	111	101	101	112	121	110	105	106	92	104·7
1934	100	120	99	79	99	106	116	118	111	‘123	115	102	107·3
1935	97	‘128	97	104	92	‘104	122	116	117	127	108	107	109·9
1936	108	‘102	91	100	93	101	108	114	109	124	115	121	107·2

KLAGSHAMN. The mean values increase upwards; the unit is 1 centimetre.

1929	..	..	..	..	..	..	..	..	..	..	..	100	..
1930	‘ 99	‘ 86	81	84	81	87	101	108	94	97	121	99	94·8
1931	97	‘ 78	‘ 88	87	89	93	111	105	107	106	102	94	96·4
1932	106	109	86	92	91	93	102	103	104	116	94	96	99·3
1933	89	‘ 99	‘ 76	102	91	88	99	113	102	90	95	82	93·8
1934	85	101	99	70	87	100	99	107	96	105	107	97	96·1
1935	81	‘102	100	113	89	92	106	111	100	112	104	104	101·2
1936	101	‘101	80	90	87	91	96	102	101	102	105	100	96·3

YSTAD. The mean values increase downwards; the unit is 1 centimetre.

1887	433	419	407	414	411	406	399	395	396	399	397	388	405·3
1888	408	404	426	426	409	412	405	402	411	400	412	391	408·9
1889	414	386	412	411	427	414	402	394	397	400	414	413	407·0
1890	404	408	418	409	417	399	399	402	404	385	387	416	404·0
1891	418	417	402	421	417	415	408	400	401	401	413	406	409·9
1892	403	396	427	414	406	404	393	402	399	408	421	402	406·2
1893	406	411	405	408	414	406	405	400	387	389	383	393	400·6
1894	413	385	398	422	415	412	405	402	391	408	405	402	404·8
1895	393	416	411	405	415	413	397	400	387	390	393	399	401·6
1896	413	400	401	412	405	404	391	399	405	405	404	418	404·8

( ), the enclosed mean value has been calculated from an incomplete series of observations; *i*, the mean values have been obtained by interpolation or inference.

TABLE B—*continued.*

YSTAD—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1897	415	421	409	407	403	410	393	402	397	397	416	402	406·0
1898	399	376	397	409	412	405	387	398	392	406	406	391	398·2
1899	379	392	398	398	406	396	406	389	388	388	376	376	391·0
1900	418	412	413	422	403	408	400	398	401	385	401	401	405·2
1901	410	401	418	416	424	411	408	416	405	410	396	384	408·2
1902	388	401	412	420	414	407	396	389	394	406	404	419	404·2
1903	404	384	390	382	402	405	398	386	378	397	393	401	393·3
1904	422	405	424	422	406	406	388	393	404	405	396	382	404·4
1905	392	388	421	412	410	412	396	390	390	391	408	393	400·2
1906	398	395	392	408	416	402	396	391	394	410	418	386	400·5
1907	404	412	398	412	404	410	395	386	386	404	422	411	403·7
1908	416	384	418	428	414	410	407	399	394	409	422	397	408·2
1909	416	401	421	418	414	403	397	384	396	406	388	403	403·9
1910	386	399	409	412	403	408	393	397	405	400	404	415	402·6
1911	396·3	397·1	393·3	411·0	401·6	412·0	395·6	401·8	387·0	399·5	394·7	410·5	400·0
1912	412·7	408·4	411·7	398·0	404·0	393·4	406·3	396·0	381·2	401·1	399·0	384·3	399·7
1913	388·8	409·1	391·3	397·5	413·9	399·6	389·2	387·7	403·3	413·0	389·9	354·1	394·8
1914	385·0	384·4	396·7	411·1	394·3	404·3	400·4	396·2	399·1	386·0	422·6	396·1	398·0
1915	402·8	412·4	409·8	405·5	409·5	401·3	401·0	390·5	388·7	408·8	412·8	393·1	403·0
1916	391·9	385·5	417·5	407·5	407·2	402·7	397·5	389·2	392·5	392·5	405·0	402·5	399·3
1917	400·7	419·7	414·6	409·0	409·5	412·6	402·3	407·6	397·2	386·6	392·1	368·0	401·7
1918	394·3	403·5	410·4	416·7	431·5	399·3	391·6	393·2	390·7	386·7	406·2	408·1	402·7
1919	405·9	415·1	421·1	411·5	417·8	400·2	392·7	383·4	395·1	383·5	418·2	398·5	403·6
1920	399·0	401·9	395·9	410·0	399·0	401·2	401·6	385·3	396·8	418·5	424·2	423·5	404·7
1921	397·3	393·2	407·6	394·8	413·7	401·2	389·6	393·5	391·2	389·1	388·1	409·1	397·4
1922	374·4	420·8	394·0	410·7	408·8	393·7	390·9	389·8	396·4	402·3	398·5	382·9	396·9
1923	398·1	387·8	427·4	427·3	409·1	390·8	393·0	382·3	388·8	383·6	375·9	388·8	396·1
1924	407·9	398·5	409·9	403·0	409·5	403·3	386·3	397·5	401·2	398·1	399·4	408·5	401·9
1925	383·4	383·9	408·0	410·5	413·6	396·3	399·7	391·7	382·6	382·5	390·3	394·2	394·7
1926	395·5	410·9	399·2	403·6	410·0	401·2	400·9	391·9	381·7	391·6	397·3	396·4	398·4
1927	393·9	402·9	408·4	404·0	388·1	389·2	392·0	394·2	392·2	389·1	382·2	407·9	395·3
1928	414·2	404·2	430·5	416·6	413·9	396·3	383·5	380·8	388·7	391·7	392·3	387·2	400·0
1929	404·7	424·3	420·9	406·1	404·2	398·8	391·7	397·7	390·6	383·9	391·3	397·6	401·0
1930	395·8	409·3	416·1	413·8	417·9	412·3	395·6	387·6	401·4	398·9	372·1	396·5	401·4
1931	396·8	416·1	406·8	410·2	409·8	406·2	387·8	393·6	387·7	389·7	393·0	403·6	400·1
1932	387·3	382·5	410·8	404·2	406·5	403·2	396·0	391·4	393·7	379·1	402·3	397·6	396·2
1933	407·3	395·6	419·9	393·9	406·1	409·6	399·2	383·5	393·3	408·8	399·5	412·6	402·4
1934	413·1	393·4	396·2	428·4	410·3	396·9	396·5	389·6	402·0	389·5	385·7	398·3	400·0
1935	416·3	393·7	403·3	396·6	413·9	407·7	391·4	383·8	398·0	383·2	392·6	392·5	397·8
1936	395	394	417	406	411	407	404	397	396	395	391	397	401

KUNGSHOLMS FORT (KARLSKRONA). The mean values increase downwards; the unit is 1 centimetre.

1887	439	432	422	427	425	418	413	406	411	410	414	400	418·1
1888	422	422	447	442	424	427	418	415	426	409	422	402	423·0
1889	425	397	429	427	445	429	416	404	411	416	426	426	420·9
1890	434	421	430	423	433	411	411	414	418	394	404	432	418·8
1891	434	427	418	438	432	430	422	411	414	415	428	416	423·8
1892	413	409	445	428	421	417	406	413	414	422	436	413	419·8
1893	429	426	416	421	431	419	419	412	396	399	395	408	414·2
1894	425	390	411	439	432	424	418	412	406	427	420	414	418·2
1895	414	434	427	419	433	429	411	413	402	403	409	415	417·4
1896	426	406	419	427	418	420	406	413	422	420	419	433	419·1
1897	432	432	425	423	421	425	410	418	411	412	428	414	420·9
1898	409	388	416	427	430	420	399	409	405	424	421	396	412·0
1899	390	404	408	410	428	412	421	403	400	399	385	394	404·5
1900	434	430	429	435	432	422	414	413	413	397	418	410	420·6
1901	423	414	436	430	444	424	424	420	423	426	410	390	422·0
1902	392	416	426	438	428	421	406	403	409	421	420	433	417·8
1903	415	391	406	396	418	422	412	398	398	414	408	419	408·1
1904	436	422	443	438	434	420	402	405	420	420	406	393	419·9

TABLE B—*continued.*

KUNGSHOLMS FORT (KARLSKRONA)—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1905	402	398	438	428	427	428	410	405	404	405	424	406	414·6
1906	410	410	401	423	432	416	409	403	409	426	430	398	413·9
1907	414	423	409	426	418	424	408	397	400	421	438	432	417·5
1908	425	393	436	443	429	427	423	412	407	423	433	412	421·9
1909	427	417	439	435	430	418	410	399	413	421	404	417	419·2
1910	396	411	423	426	420	425	406	411	420	416	418	429	416·8
1911	407·0	407·6	409·4	424·1	418·1	426·3	408·8	415·9	400·2	413·4	405·2	425·8	413·5
1912	429·5	424·0	426·4	411·9	417·5	408·1	423·5	409·4	396·6	417·9	411·6	393·5	414·2
1913	404·7	420·9	401·1	413·5	430·7	412·8	402·5	401·9	422·1	430·1	401·4	364·8	408·9
1914	396·1	398·7	412·9	425·4	410·5	420·8	416·8	411·4	412·8	406·1	437·7	409·2	413·2
1915	420·2	429·0	426·6	419·9	424·5	416·7	414·3	404·6	401·9	428·6	427·2	407·8	418·4
1916	402·5	402·6	438·9	426·1	426·0	419·5	411·9	403·3	409·6	407·0	422·1*	419·5	415·8
1917	422·3	436·7	436·4	425·2	428·4	431·1	420·5	425·4	411·5	402·9	404·7	382·8	419·0
1918	418·6	419·1	435·4	440·0	451·9	415·4	408·9	410·2	404·4	405·4	424·3	422·4	421·3
1919	425·5	434·9	441·2	428·8	438·1	417·1	409·5	397·4	411·0	402·0	439·0	417·0	421·8
1920	414·8	416·5	413·2	429·2	418·0	419·6	419·2	405·4	415·0	440·2	441·6	445·4	423·2
1921	409·7	411·1	421·9	413·8	432·2	417·3	405·2	409·8	407·7	405·3	407·1	420·8	413·5
1922	394·1	439·6	411·9	430·6	424·5	410·8	408·2	406·9	414·3	422·0	414·4	400·6	414·8
1923	412·8	409·7	450·6	450·0	427·5	406·1	409·5	397·7	405·9	398·3	389·6	406·7	413·7
1924	427·0	415·9	428·4	421·7	429·3	421·0	404·1	416·5	419·1	418·6	417·5	427·5	420·6
1925	398·3	403·2	428·0	432·2	435·6	415·0	419·4	410·6	400·0	401·2	411·1	413·4	414·0
1926	417·6	435·0	417·5	426·6	430·5	421·8	420·9	409·1	400·9	410·5	419·5	415·9	418·8
1927	413·6	423·1	430·3	422·4	408·7	408·7	412·5	414·9	413·1	408·0	404·2	433·2	416·1
1928	433·0	423·2	455·2	440·0	435·7	414·2	400·6	400·3	408·6	412·3	413·4	409·3	420·5
1929	427·9	451·0	443·4	428·6	425·3	416·4	407·9	415·8	408·7	401·0	409·9	414·9	424·6 420·9
1930	414·5	431·6	435·2	436·8	438·5	432·9	413·1	405·0	423·5	416·1	385·8	416·9	420·8
1931	414·8	437·5	426·9	431·4	432·0	424·1	407·0	412·3	406·6	406·5	414·8	418·0	419·3
1932	402·7	403·1	430·9	425·0	428·4	422·2	415·1	409·5	410·6	398·2	419·9	416·1	415·1
1933	429·1	415·9	440·6	413·9	427·5	430·6	416·1	401·4	413·7	427·9	423·2	434·1	422·9
1934	429·6	406·4	416·6	451·3	427·7	414·8	413·5	407·8	420·9	403·6	403·6	420·0	418·0
1935	434·2	408·0	423·5	416·3	434·5	426·0	406·3	402·2	414·3	398·7	413·1	412·8	415·8
1936	413	417	440	426	434	428	423	415	415	411	409	411	420·2

ÖLANDS N. UDDE. The mean values increase downwards; the unit is 1 centimetre.

1923	161	167	209	207	180	157	162	149	156	147	'139	160	166·2
1924	188	169	183	177	184	173	156	170	170	172	170	178	174·0
1925	145	154	180	185	190	165	172	163	149	150	163	164	165·2
1926	175	191	169	181	186	177	174	158	152	160	170	165	171·3
1927	163	176	184	172	161	158	166	155	163	153	155	185	166·8
1928	181	173	212	198	191	165	150	152	159	160	159	159	171·6
1929	180	209	194	180	179	168	158	167	160	154	165	167	173·1
1930	166	189	189	196	194	186	165	156	180	167	136	172	174·6
1931	167	194	181	188	188	176	159	167	161	158	171	167	172·8
1932	152	158	185	181	185	177	170	162	159	154	176	171	169·2
1933	185	172	196	166	185	189	169	154	171	183	180	192	178·5
1934	184	157	174	208	182	170	169	162	176	153	158	179	172·8
1935	190	159	181	174	192	180	157	158	165	149	170	170	170·4
1936	168	178	199	181	194	184	177	170	172	165	165	162	176·3

MEM. The mean values increase upwards; the unit is 1 centimetre.

1887	376	379	382	378	375	384	393	389	390	397	372	401	384·8
1888	373	367	361	361	384	386	392	389	383	390	373	401	380·2
1889	381	405	372	375	360	363	391	407	392	389	359	371	380·5
1890	390	379	390	384	381	384	390	394	387	410	408	377	389·5
1891	385	392	391	376	377	373	383	396	393	393	391	391	386·8
1892	393	389	363	386	386	391	390	389	385	390	374	398	386·1
1893	383	385	393	384	379	386	384	392	404	408	399	386	390·4
1894	372	411	394	364	383	376	387	392	405	374	398	394	387·4

i, the mean value has been obtained by interpolation.

SWEDEN

TABLE B—*continued.*

MEM—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1895	393	382	387	390	373	376	399	392	401	400	402	402	391·3
1896	384	396	389	384	383	380	402	402	376	385	386	387	387·9
1897	393	388	387	376	375	374	390	383	402	388	368	397	385·2
1898	399	411	385	376	367	384	406	401	399	381	389	416	392·7
1899	397	385	388	392	371	389	371	397	406	394	412	407	393·3
1900	380	372	368	364	372	379	396	401	388	410	381	397	384·1
1901	373	389	370	371	358	378	381	386	384	373	384	396	378·6
1902	401	376	373	362	370	373	397	406	391	389	378	378	383·0
1903	402	406	399	406	379	376	388	408	404	381	397	392	394·7
1904	371	394	378	369	392	388	397	398	381	377	392	401	386·4
1905	388	391	383	374	384	364	387	398	395	395	374	392	385·5
1906	394	390	396	375	369	390	389	393	387	367	371	401	385·2
1907	388	387	388	379	384	371	388	405	384	368	362	376	381·7
1908	373	414	369	352	368	371	369	390	395	374	364	393	377·6
1909	388	384	381	368	369	384	396	399	383	375	384	386	383·2
1910	406	389	386	380	384	368	388	386	381	382	395	373	384·8
1911	391	386	382	384	376	370	394	385	401	380	394	369	384·2
1912	366	387	375	380	381	395	368	395	399	381	391	414	386·0
1913	393	371	394	382	373	384	395	396	371	365	403	431	388·4
1914	390	401	380	372	391	375	374	383	375	386	367	392	382·2
1915	385	369	366	374	370	379	385	398	387	368	372	396	379·2
1916	394	392	361	377	380	379	392	396	382	392	373	378	382·9
1917	373	367	369	377	369	364	373	372	382	401	404	412	380·6
1918	390	382	377	358	345	384	393	390	408	399	375	377	381·5
1919	377	377	376	377	366	382	382	405	380	375	360	391	379·1
1920	401	385	388	368	393	387	395	398	390	366	356	361	382·3
1921	400	386	380	380	371	381	393	393	385	384	394	387	386·2
1922	397	364	393	374	377	388	385	401	388	369	384	391	384·4
1923	379	389	357	352	372	393	388	409	389	399	417	381	385·4
1924	369	381	371	372	368	373	394	378	372	381	378	372	375·7
1925	403	394	375	368	..	..	..	..	..	..	..	..	..

NEDRE NYKÖPING. The mean values increase upwards; the unit is 1 centimetre.

1909	..	..	..	..	..	..	..	..	99	94	103	98	..
1910	120	101	88	84	90	85	105	98	87	91	96	85	94
1911	104	104	98	85	86	82	102	92	113	97	111	87	97
1912	81	85	84	96	92	103	86	104	112	94	102	128	97
1913	110	96	115	94	79	99	106	109	86	79	114	146	103
1914	114	113	98	86	101	89	94	99	97	98	74	106	97
1915	89	81	80	91	88	94	101	107	105	74	83	103	92
1916	117	109	68	85	85	93	98	106	100	105	93	93	96
1917	88	72	70	88	85	81	89	85	104	115	111	130	93
1918	101	93	75	69	61	100	100	103	115	105	91	90	92
1919	88	77	70	87	74	98	104	120	106	111	74	97	92
1920	105	103	92	74	95	91	95	105	97	69	75	64	89

LANDSORT. The mean values increase downwards; the unit is 1 centimetre.

1887	459	453	448	453	451	445	436	428	437	432	440	421	441·9
1888	447	454	483	474	449	456	444	440	451	431	442	426	449·8
1889	446	427	459	460	475	460	443	426	438	447	449	450	448·3
1890	435	450	452	454	463	438	434	439	442	418	436	462	443·6
1891	462	449	442	472	460	462	451	437	437	443	457	439	450·9
1892	437	430	476	457	448	445	432	439	439	450	463	443	446·6
1893	460	460	442	450	465	450	449	441	420	425	423	432	443·1
1894	447	411	438	474	465	456	448	440	438	459	446	439	446·8
1895	451	475	457	448	467	461	436	439	429	430	437	446	448·0
1896	452	436	447	457	450	449	434	441	450	448	451	470	448·8
1897	474	463	459	457	456	455	440	448	435	438	453	439	451·4

SWEDEN

TABLE B—*continued.*

LANDSORT—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1898	432	417	448	464	462	451	425	436	434	457	448	414	440·6
1899	418	434	436	438	458	446	453	434	427	424	411	430	434·1
1900	466	467	465	468	451	454	444	445	443	424	452	436	451·1
1901	451	445	470	461	475	454	456	452	459	454	440	434	454·2
1902	422	448	460	475	462	458	438	430	438	452	453	465	450·1
1903	442	413	434	430	452	458	443	422	428	446	437	452	438·1
1904	462	458	481	468	454	450	433	433	454	453	436	424	450·5
1905	431	426	466	462	460	464	440	434	435	436	457	434	445·4
1906	436	438	428	456	467	449	440	434	446	460	461	428	445·2
1907	443	452	439	461	451	456	440	421	428	455	470	464	448·3
1908	454	424	475	479	463	462	459	444	438	461	460	444	455·2
1909	451	451	473	470	461	451	440	426	446	450	439	445	450·2
1910	423	442	455	460	456	460	441	448	457	452	448	460	450·2
1911	438·6	439·7	446·1	458·6	458·0	462·8	442·1	451·3	430·8	445·6	431·0	458·5	446·9
1912	464·0	458·1	459·2	447·1	451·5	442·5	461·0	442·4	434·6	457·3	447·0	423·1	449·0
1913	446	455	430	451·7	468·2	445·5	438·8	437·9	463·8	466·8	429·3	398·5	445·1
1914	429·2	429·3	449·0	458·7	446·7	457·6	453·3	445·8	447·2	448·4	470·3	438·1	447·8
1915	455·8	463·6	463·6	453·6	458·5	452·6	446·3	439·4	439·8	473·3	462·8	444·2	454·5
1916	431·7	438·6	480·1	464·1	463·6	450·0	447·7	440·4	447·1	440·4	455·9	456·9	451·4
1917	464·9	472·4	477·5	460·7	465·1	467·1	459·7	461·8	441·0	431·0	432·4	413·5	453·9
1918	436·5	450·6	472·6	481·6	491·0	448·8	442·7	444·7	431·5	440·1	457·0	454·0	454·3
1919	461·8	472·9	477·9	462·6	478·4	451·8	445·2	426·7	441·5	438·5	475·2	450·3	456·9
1920	441·3	444·0	445·6	466·1	453·3	454·7	451·3	441·0	451·9	478·3	470·6	482·0	456·7
1921	435·0	447·7	448·5	450·7	467·5	449·2	436·2	437·5	437·9	436·8	444·2	445·3	444·7
1922	432·3	474·5	448·0	469·6	457·1	444·3	444·4	439·9	449·5	462·2	447·8	435·5	450·4
1923	440·4	451·8	493·7	492·0	462·2	437·8	443·4	428·7	438·5	427·7	419·7	444·0	448·3
1924	465·6	454·5	465·3	459·5	466·6	457·0	439·3	453·8	451·9	454·6	451·5	455·9	456·3
1925	423·1	434·3	464·8	468·0	474·1	450·0	457·0	446·2	431·9	435·6	448·1	444·9	448·2
1926	456·2	475·4	451·0	466·3	470·6	461·4	458·0	443·0	435·5	444·7	454·2	448·9	455·4
1927	442·8	458·7	467·3	452·7	445·5	440·8	450·7	449·0	445·7	436·3	441·3	474·8	450·5
1928	461·5	452·4	494·7	481·0	476·5	447·3	430·7	432·6	443·7	446·6	446·0	443·9	454·7
1929	466·8	495·2	477·5	463·8	464·0	451·8	442·3	451·6	446·2	435·8	445·5	445·7	457·2
1930	444·6	472·7	471·5	482·5	478·6	470·9	451·2	440·4	466·9	452·5	419·1	455·0	458·8
1931	451·2	475·1	469·9	472·9	474·9	459·7	443·9	451·8	448·2	441·1	454·2	450·5	457·8
1932	430·5	445·9	471·4	463·6	470·3	461·7	455·1	449·4	443·9	437·5	456·7	452·2	453·2
1933	467·9	455·6	478·6	453·1	469·7	475·3	454·0	438·5	459·8	467·2	466·3	476·9	463·6
1934	461·9	441·7	457·9	495·8	467·2	456·5	455·0	448·0	460·9	436·6	443·8	462·7	457·3
1935	472·0	443·5	465·3	457·4	477·3	465·2	441·8	444·3	449·6	429·7	451·0	450·9	454·0
1936	450	464	484	467	481	469	460	452	458	452	446	438	460·0

NEDRE SÖDERTÄLJE. The mean values increase upwards; the unit is 1 centimetre.

1869	384	414	385	368	383	399	400	401	410	415	424	398	398·4
1870	390	362	377	375	398	395	405	378	401	393	395	380	388·4
1871	374	356	388	400	381	384	388	402	391	380	380	392	385·6
1872	392	361	370	380	381	380	388	391	400	399	397	390	386·8
1873	408	381	369	361	386	390	397	403	403	415	402	434	396·8
1874	433	416	383	394	373	394	396	403	405	402	408	393	400·0
1875	375	375	355	378	386	395	383	382	387	381	370	373	378·3
1876	380	377	393	379	370	386	400	396	407	391	383	366	386·6
1877	371	392	389	371	372	384	404	405	405	403	415	398	392·4
1878	398	399	412	377	375	405	405	390	405	408	398	396	397·3
1879	390	370	383	363	373	387	405	394	403	404	399	384	388·8
1880	403	386	388	367	380	383	391	389	381	395	411	433	392·3
1881	404	378	372	379	379	387	399	416	391	376	388	393	389·5
1882	416	406	416	376	378	393	387	406	387	356	376	360	388·1
1883	371	365	375	363	373	382	388	400	394	394	406	416	386·6
1884	409	410	362	350	379	384	385	380	375	402	399	403	387·5
1885	371	374	386	363	370	393	385	388	395	399	380	404	384·0
1886	403	357	342	365	365	374	401	394	385	372	363	396	377·4
1887	369	376	378	372	374	379	390	396	387	392	381	400	383·8
1888	380	372	343	354	378	372	383	388	377	396	380	405	377·3
1889	382	399	365	368	351	369	383	403	386	383	378	381	379·0

TABLE B—*continued.*

NEDRE SÖDERTÄLJE—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1890	396	383	374	373	366	393	398	393	386	407	394	365	386
1891	365	375	385	356	369	364	376	393	393	383	370	387	376
1892	389	382	352	371	376	382	396	391	391	376	365	383	380
1893	369	367	386	377	364	381	378	387	408	407	409	402	386
1894	384	419	400	356	365	373	384	394	388	371	385	390	384
1895	379	355	372	383	363	369	395	390	403	400	399	386	388
1896	379	395	384	373	376	381	396	388	378	385	379	365	382
1897	360	372	372	375	376	374	391	380	393	387	373	390	379
1898	399	413	382	366	368	381	409	399	395	373	381	415	390
1899	411	391	393	393	368	384	375	392	400	406	418	399	394
1900	364	365	363	361	378	375	387	386	386	404	379	390	378
1901	379	383	359	366	354	379	372	375	369	374	383	391	374
1902	402	380	370	352	366	370	393	400	392	379	376	364	379
1903	388	415	397	399	376	370	388	409	402	379	392	376	391
1904	366	369	378	361	373	378	396	396	374	375	388	404	377
1905	395	404	360	363	368	363	386	395	391	389	364	396	381
1906	390	391	397	368	355	373	382	391	381	367	366	399	380
1907	385	375	391	366	375	375	386	412	402	373	359	362	380
1908	373	405	355	348	368	368	368	387	394	365	360	384	373
1909	379	379	355	361	367	375	393	404	384	377	391	386	379
1910	406	389	374	371	373	369	388	378	370	376	381	367	378
1911	390	390	385	373	373	365	388	378	394	380	397	360	382
1912	362	369	368	380	376	388	368	388	396	372	386	415	381
1913	388	374	404	375	360	386	390	391	363	361	399	430	385
1914	411	397	379	370	382	370	374	380	377	375	355	387	380
1915	372	363	365	377	373	379	383	389	387	353	365	388	375
1916	398	394	348	362	365	377	387	390	378	394	375	380	379
1917	367	355	352	369	364	364	370	368	384	400	397	420	376
1918	398	381	359	349	340	380	387	384	399	391	378	380	377
1919	378	358	356	366	351	376	385	402	395	393	356	383	375
1920	387	392	385	368	379	373	383	389	377	349	358	347	374
1921	387	380	385	387	368	376	383	391	388	390	379	377	383
1922	393	355	381	360	371	388	384	391	380	364	376	395	378
1923	386	380	341	339	368	391	387	399	390	402	408	384	381
1924	363	374	363	371	363	370	388	375	375	373	375	371	372
1925	403	393	363	361	356	380	375	383	396	389	379	387	380
1926	371	354	377	361	357	367	369	384	394	386	377	379	373
1927	386	371	361	373	383	390	379	380	385	390	387	353	378
1928	368	377	336	347	353	381	398	395	385	383	384	384	374
1929	360	334	351	363	363	376	386	379	382	392	382	383	371
1930	383	354	357	344	351	360	378	388	361	377	408	376	370
1931	377	354	359	356	354	371	389	378	379	388	375	378	372
1932	396	380	356	365	358	369	375	380	386	391	372	377	375
1933	362	373	350	374	359	354	375	390	369	360	361	350	365
1934	366	385	371	332	357	367	366	377	369	392	386	368	370
1935	359	384	363	371	349	364	383	381	379	399	378	379	374
1936	378	363	344	357	345	359	367	375	367	373	381	389	367

STOCKHOLM. The mean values increase downwards; the unit is 1 centimetre.

1889	316	299	330	332	345	330	313	296	308	318	321	321	319·1
1890	304	320	321	322	331	307	302	308	313	288	304	332	312·7
1891	332	319	311	341	329	332	320	307	307	312	326	309	320·4
1892	306	311	347	326	318	316	302	309	308	319	333	312	317·2
1893	329	329	309	318	332	317	319	309	289	291	290	300	311·0
1894	315	279	305	342	332	324	315	307	308	328	313	306	314·5
1895	320	345	327	317	336	330	306	308	298	300	306	313	317·2
1896	319	305	316	326	320	319	305	313	321	319	321	333	318·1
1897	341	326	328	326	324	325	309	318	309	312	325	310	321·1
1898	303	286	317	332	334	323	295	306	304	329	320	286	311·2
1899	288	310	310	308	330	318	326	307	299	297	284	300	306·4
1900	337	340	338	338	320	326	314	316	316	294	322	308	322·4
1901	323	318	342	334	347	326	330	326	333	326	314	304	326·9

TABLE B—*continued.*

STOCKHOLM—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1902	294	317	331	348	334	330	310	301	309	322	323	335	321·2
1903	312	282	303	298	322	328	313	290	298	316	308	322	307·7
1904	334	329	352	338	323	320	304	303	326	325	308	295	321·4
1905	302	296	340	334	330	335	312	306	307	307	328	306	316·9
1906	307	306	300	328	338	322	312	308	319	332	334	300	317·2
1907	316	326	312	334	324	328	314	294	300	326	343	336	321·1
1908	327	296	344	350	335	333	332	316	310	334	338	318	327·8
1909	323	323	346	343	333	323	312	299	318	322	312	317	322·6
1910	295	313	327	332	328	333	313	321	331	326	319	333	322·6
1911	311·9	312·4	318·1	330·6	330·5	335·9	315·2	325·7	304·5	320·0	302·9	330·7	319·9
1912	336·8	330·1	332·0	320·4	325·1	315·8	334·7	314·8	306·9	326·1	314·5	288·6	320·5
1913	313·3	323·1	297·8	323·2	340·5	318·3	311·7	310·4	337·9	340·5	303·0	272·1	316·0
1914	301·4	299·6	320·3	330·6	318·5	331·1	327·2	321·0	322·8	322·5	345·0	310·9	320·9
1915	329·5	336·9	336·8	326·5	330·7	325·5	319·2	312·4	313·8	347·0	335·7	316·1	327·5
1916	304·1	309·3	353·3	336·4	336·2	328·0	320·5	313·9	320·4	315·3	327·7	327·6	324·4
1917	337·8	344·0	351·1	332·6	337·0	339·3	333·2	336·0	315·3	302·6	305·4	285·4	326·6
1918	309·3	322·6	344·6	353·8	363·4	322·2	316·2	318·8	304·2	311·2	329·7	326·3	327·0
1919	333·7	346·6	351·1	334·4	349·8	324·1	318·7	299·8	314·0	311·2	349·3	323·6	329·7
1920	314·6	317·0	317·9	337·9	325·1	329·2	325·8	314·6	326·3	353·3	345·2	356·4	330·3
1921	310·2	321·1	322·2	323·5	341·8	324·7	312·0	312·4	313·2	311·5	320·1	319·9	319·4
1922	305·5	346·8	321·7	343·3	330·1	317·2	317·6	312·5	323·3	337·3	322·4	307·7	323·8
1923	314·6	324·0	366·7	365·2	335·0	310·9	316·8	302·2	311·2	299·0	291·6	316·0	321·1
1924	338·8	328·1	338·6	332·4	339·0	330·4	311·7	328·0	325·7	327·4	325·3	329·7	329·6
1925	295·8	306·2	337·9	340·7	347·5	324·4	331·3	321·9	307·2	311·0	323·2	319·1	322·2
1926	330·7	349·3	324·3	340·5	344·4	335·9	333·2	319·1	309·8	319·3	328·0	323·7	329·8
1927	316·5	332·2	340·3	326·5	318·9	314·1	324·2	323·6	319·7	310·6	315·2	349·0	324·2
1928	333·7	326·0	367·3	355·2	349·7	320·7	304·3	306·2	317·7	319·9	319·8	317·7	328·2
1929	340·3	370·9	352·3	338·9	337·9	325·6	316·6	324·8	319·5	308·7	318·6	318·4	331·0
1930	317·2	343·8	344·5	355·5	351·8	343·8	324·5	314·6	341·6	326·7	293·4	326·4	332·0
1931	324·5	350·0	345·1	347·2	348·1	332·9	317·1	325·4	322·7	315·8	327·0	326·2	331·8
1932	304·6	319·6	344·6	337·7	344·6	336·3	330·1	323·9	328·3	311·0	330·7	325·7	327·3
1933	340·3	330·1	352·2	327·6	344·1	349·7	329·3	313·2	335·6	342·2	341·0	352·3	338·1
1934	336·1	315·8	329·7	368·6	340·0	330·0	329·9	321·5	335·2	309·6	316·9	333·5	330·6
1935	345·6	316·6	338·7	330·6	351·3	338·8	317·3	319·6	323·8	304·7	323·0	322·9	327·7
1936	323	341	360	342	356	344	335	327	335	328	321	314	335

GRÖNSKÄR. The mean values increase upwards; the unit is 1 centimetre.

1922	..	..	..	190	203	217	216	221	211	198	213	228	210
1923	220	208	166	169	198	224	218	232	224	234	240	217	213
1924	196	204	194	200	193	202	221	205	208	208	210	206	204
1925	238	226	195	192	185	209	203	214	229	225	213	217	212
1926	203	183	210	194	189	197	202	217	225	216	207	212	204
1927	220	202	194	207	214	219	210	212	215	225	219	185	210
1928	201	209	167	178	183	213	231	228	217	214	215	216	206
1929	193	163	182	196	195	208	218	211	216	226	217	218	201
1930	217	188	188	177	181	190	209	221	193	209	243	210	202

BJÖRN. The mean values increase downwards; the unit is 1 centimetre.

1892	365	370	407	387	378	375	363	366	363	378	390	369	375·9
1893	389	390	368	379	395	375	379	368	345	348	349	354	369·9
1894	371	333	361	403	393	385	375	365	369	387	369	362	372·8
1895	381	405	386	375	399	390	363	364	356	357	363	370	375·8
1896	377	363	373	384	381	377	365	372	381	375	381	391	376·7
1897	399	383	388	385	383	385	371	377	361	368	384	365	379·1
1898	361	343	376	395	383	383	354	364	364	388	374	342	368·9
1899	346	362	369	366	390	380	384	368	355	353	341	357	364·2
1900	393	400	395	396	380	385	372	374	372	347	378	362	379·5
1901	378	375	400	390	406	382	388	384	390	376	374	360	383·6
1902	351	374	390	408	394	390	368	356	364	379	380	392	378·8
1903	369	340	356	360	384	392	374	348	356	373	366	381	366·6
1904	389	390	412	396	384	392	365	364	386	384	368	354	382·0
1905	362	354	399	394	391	398	372	364	366	366	388	364	376·5

TABLE B—*continued.*

BJÖRN—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1906	364	361	361	388	400	383	372	369	382	389	392	357	376·5
1907	374	382	371	394	385	388	374	350	358	386	400	397	379·9
1908	384	355	404	413	397	394	393	377	369	393	395	373	387·2
1909	378	385	407	407	393	385	371	357	377	377	371	376	382·0
1910	352	369	386	392	389	394	375	384	392	386	374	392	382·1
1911	372·1	371·8	377·5	390·3	392·7	397·5	376·6	385·6	362·6	380·1	358·9	390·1	379·6
1912	396·7	391·1	392·5	383·8	386·3	375·8	394·5	373·6	367·3	386·0	371·6	346·0	380·4
1913	374·2	383·9	355·5	385·5	400·9	378·6	374·8	370·5	400·9	400·2	361·3	332·7	376·6
1914	361·4	357·4	381·5	390·6	379·2	393·1	389·1	382·5	382·6	385·2	403·5	365·4	381·0
1915	388·6	397·8	398·5	386·8	392·2	387·6	379·7	373·6	376·1	409·9	395·6	377·1	388·6
1916	365·7	370·8	417·1	399·1	398·9	391·4	384·0	379·1	382·8	372·8	386·7	387·9	386·4
1917	402·2	408·0	414·0	395·7	399·7	400·8	396·8	397·9	374·6	359·0	366·3	344·0	388·3
1918	370·0	384·4	406·9	419·4	427·0	384·4	378·9	380·6	362·3	372·5	390·2	387·3	388·7
1919	395·3	411·5	413·3	390·8	415·4	387·2	383·3	361·1	373·2	372·6	409·3	384·7	391·5
1920	372·8	375·4	376·9	400·0	386·2	392·7	384·9	377·1	387·5	415·8	401·8	416·3	390·6
1921	370·6	385·3	381·5	387·1	402·7	387·0	374·2	371·5	375·0	372·4	380·5	378·0	380·5
1922	367·3	411·2	387·1	408·4	392·2	380·7	380·5	373·6	387·0	401·6	382·6	367·6	386·7
1923	373·9	386·8	430·8	429·2	395·2	372·1	377·8	363·5	370·8	358·8	352·5	377·8	382·4
1924	401·2	393·2	402·6	396·9	401·6	394·3	375·3	390·8	385·5	388·8	386·9	385·4	391·9
1925	355·9	366·7	402·4	403·1	412·1	388·9	394·0	384·3	368·4	373·7	385·7	378·0	384·4
1926	393·1	412·6	387·0	404·9	408·6	400·4	396·2	380·6	370·3	382·7	387·1	385·8	392·4
1927	374·8	394·8	404·0	389·2	383·6	376·8	387·6	386·2	381·6	372·4	379·0	412·9	386·9
1928	397·2	387·3	431·6	420·1	417·0	384·7	365·0	370·7	381·7	383·0	381·4	380·3	391·7
1929	405·0	435·4	415·0	402·4	401·8	389·1	379·9	384·7	382·1	369·0	378·6	377·2	393·4
1930	376·3	408·0	407·9	421·7	417·5	408·0	389·8	379·4	407·6	390·3	356·1	386·5	395·8
1931	386·8	412·7	412·6	414·6	414·7	397·0	381·3	390·2	389·8	377·6	390·1	389·0	396·4
1932	364·9	387·4	410·2	401·1	411·6	401·4	395·2	388·7	379·1	374·1	393·3	387·5	391·2
1933	402·9	393·4	417·5	392·6	412·6	417·9	392·5	377·6	402·7	404·5	405·1	416·6	403·0
1934	395·4	380·7	394·0	434·2	405·1	396·1	397·4	385·3	399·8	370·8	381·9	397·9	394·9
1935	407·8	380·5	406·4	397·3	419·7	403·8	384·6	387·6	387·1	365·6	386·2	385·6	392·7
1936	387	408	426	409	424	410	399	392	402	392	384	374	401

NEDRE GÄVLE. The mean values increase upwards; the unit is 1 centimetre.

1896	325	336	328	315	319	324	335	330	320	325	316	309	323·4
1897	302	317	311	312	318	315	331	322	336	332	313	332	320·3
1898	337	358	326	306	313	321	347	336	338	315	326	361	331·9
1899	359	346	348	337	313	324	316	331	343	343	361	349	339·1
1900	311	305	307	302	320	314	327	326	325	348	321	334	320·2
1901	320	325	298	308	293	316	311	313	308	319	327	*i* 338	314·5
1902	348	323	307	291	304	308	330	340	340	318	318	377	325·4
1903	329	359	341	339	315	311	326	349	343	328	331	319	332·4
1904	312	310	289	303	312	317	334	335	312	314	328	342	317·4
1905	336	343	301	303	308	304	327	334	333	331	309	331	321·4
1906	334	336	335	309	298	316	326	330	318	310	306	340	321·4
1907	325	316	328	305	313	310	323	348	339	312	297	302	318·2
1908	313	342	297	285	301	303	304	320	328	304	301	325	310·1
1909	321	314	298	297	303	312	325	339	321	319	323	323	316·2
1910	347	330	313	306	310	306	324	315	307	312	325	307	316·6
1911	328	323	322	305	308	299	320	311	334	316	337	310	317·6
1912	303	308	307	315	311	322	303	323	329	312	324	353	317·6
1913	323	310	341	311	296	318	322	326	298	297	335	363	320·2
1914	336	342	315	305	317	304	307	312	311	311	294	330	315·3
1915	307	295	297	306	305	308	317	323	319	288	300	320	307·1
1916	334	328	286	303	302	307	314	318	315	323	312	311	312·6
1917	295	285	280	297	299	296	301	302	321	339	332	354	308·5
1918	326	313	286	273	274	315	320	318	335	325	308	311	308·8
1919	306	288	287	303	285	313	318	339	325	326	289	314	307·9
1920	326	322	321	300	315	307	315	323	315	297	302	285	310·7
1921	336	321	323	323	304	314	326	330	325	327	318	318	322·1
1922	335	293	312	291	310	321	320	328	312	297	316	333	314·1

i, the mean value has been obtained by interpolation.

TABLE B—*continued.*

NEDRE GÄVLE—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1923	328	315	271	270	305	328	321	334	326	341	345	320	317·2
1924	297	314	299	302	301	306	327	312	315	311	314	314	309·2
1925	345	333	296	294	292	311	308	313	329	326	313	319	314·8
1926	308	291	314	297	293	301	306	319	330	316	311	312	308·2
1927	325	301	295	310	315	323	316	315	321	329	324	287	313·4
1928	302	314	271	282	288	318	336	331	319	319	318	325	310·1
1929	296	267	287	300	301	314	323	316	318	330	326	328	308·9
1930	327	297	296	283	286	297	316	325	292	307	342	313	307·0
1931	313	289	286	288	289	303	319	312	311	319	310	309	304·2
1932	333	310	288	297	288	300	306	312	319	325	306	311	307·9
1933	297	306	284	306	291	285	307	322	297	295	295	281	297·2
1934	305	316	306	263	294	304	302	313	298	327	322	306	304·6
1935	291	321	295	303	281	294	314	311	311	332	317	315	306·9
1936	312	292	274	292	278	291	300	307	298	307	315	325	299·3

DRAGHÄLLAN (SUNDSVALL). The mean values increase downwards; the unit is 1 centimetre.

1898	328	316	349	367	360	352	326	334	336	359	344	314	340·4
1899	321	336	341	336	364	351	352	342	325	324	311	332	336·2
1900	364	372	366	368	351	357	344	344	345	322	350	335	351·5
1901	349	350	372	363	378	353	360	356	363	350	351	339	357·0
1902	324	346	364	380	368	364	341	330	338	354	356	368	352·8
1903	344	311	323	336	355	364	345	320	327	347	340	352	338·7
1904	358	368	382	366	356	356	339	340	362	357	345	330	354·9
1905	337	328	372	370	363	368	348	340	342	348	364	339	351·6
1906	334	332	334	359	372	356	346	344	356	362	368	331	349·5
1907	345	352	342	367	359	360	351	324	334	361	375	373	353·6
1908	355	327	377	387	368	366	366	352	343	368	370	348	360·6
1909	347	360	381	380	366	357	345	331	349	347	349	346	354·8
1910	325	338	358	364	362	366	351	360	368	363	350	367	356·0
1911	346·4	347·3	350·7	366·5	367·0	370·2	350·3	361·2	338·8	356·8	334·7	361·8	354·3
1912	369·0	364·9	363·3	358·6	360·4	348·4	367·8	347·5	343·6	360·9	344·7	317·9	353·9
1913	347·0	357·1	327·4	361·0	372·4	352·0	349·4	345·7	375·9	375·5	333·9	309·9	350·6
1914	337·6	329·7	356·5	362·9	352·5	365·3	362·3	358·9	360·1	360·7	375·6	338·5	355·0
1915	366·4	371·0	372·7	359·1	366·6	361·3	353·5	349·5	356·5	387·0	372·5	357·4	364·5
1916	334·1	340·8	390·0	372·5	374·0	365·1	357·5	355·9	358·1	348·2	357·7	362·9	359·7
1917	379·8	381·7	388·1	370·7	373·3	372·7	371·1	371·0	347·9	329·2	339·0	319·5	362·0
1918	348·0	357·2	380·7	396·3	401·0	358·1	352·9	356·2	335·2	345·5	361·3	361·6	362·8
1919	368·4	385·9	386·4	371·8	388·8	360·7	355·7	337·7	344·8	348·8	382·0	359·2	365·8
1920	342·1	346·7	347·1	374·2	357·6	366·4	358·5	353·2	362·5	391·5	373·4	390·1	363·6
1921	344·4	358·0	350·6	360·4	373·5	361·5	349·9	344·1	349·3	349·3	358·7	353·1	354·4
1922	344·1	384·8	361·6	382·2	364·6	353·4	353·1	347·9	362·1	381·0	358·6	342·0	361·3
1923	346·9	361·2	404·6	404·9	368·0	346·6	352·7	339·4	344·7	331·7	330·7	356·5	357·3
1924	375·7	369·5	378·3	373·5	375·9	368·1	348·4	363·8	358·0	362·9	361·6	356·6	366·0
1925	328·9	341·7	380·6	378·0	386·1	364·4	368·7	360·6	344·6	354·8	364·7	356·5	360·8
1926	368·4	387·0	362·9	381·0	385·1	375·7	372·8	358·7	349·3	363·7	362·3	362·9	369·2
1927	347·7	369·7	380·0	365·0	361·2	351·4	363·8	363·2	357·1	348·5	355·2	393·3	363·0
1928	371·4	361·7	406·3	396·4	394·7	361·4	340·9	349·4	362·2	363·5	361·3	358·1	368·9
1929	385·8	411·0	392·0	382·5	380·1	364·6	358·1	360·0	358·0	345·0	352·9	350·6	370·0
1930	347·9	385·7	383·2	399·6	393·0	383·6	367·7	358·8	387·7	369·1	334·7	361·9	372·7
1931	369·3	386·7	392·1	392·1	391·1	373·1	356·2	366·3	372·6	356·3	364·9	372·5	374·4
1932	339·2	370·5	388·2	376·9	390·4	378·6	373·0	368·7	356·9	353·9	370·5	363·7	369·2
1933	377·6	373·5	395·4	375·3	391·8	393·0	371·6	355·6	384·5	384·6	388·3	398·4	382·5
1934	368·2	361·4	372·5	411·0	382·5	375·3	377·9	363·5	375·6	347·2	362·2	374·4	372·6
1935	387·6	357·7	384·6	375·3	397·0	379·4	364·0	368·2	368·8	343·2	361·1	362·1	370·8
1936	364	389	404	390	403	389	377	369	384	377	361	347	~~380~~ 379·5

RATAN. The mean values are measured downwards; the unit is 1 centimetre.

1892	368	376	406	390	380	378	367	367	354	378	380	376	376·7
1893	390	392	366	376	397	378	380	368	347	344	346	341	368·8
1894	364	328	353	403	394	391	374	360	377	392	362	353	370·9
1895	384	413	386	373	398	392	366	368	356	360	357	365	376·5
1896	370	356	375	382	378	380	367	377	378	366	377	395	375·1

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TABLE B—*continued.*

RATAN—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1897	404	382	394	392	386	386	372	378	356	358	384	362	379·5
1898	360	347	382	398	390	382	358	362	366	390	372	348	371·2
1899	355	367	374	368	399	386	382	376	356	350	338	362	367·8
1900	396	408	398	401	380	390	374	372	372	354	375	365	382·1
1901	374	381	400	394	409	384	392	386	394	379	383	374	387·5
1902	350	373	397	409	401	398	372	360	367	386	381	393	382·2
1903	369	334	345	369	387	394	378	348	356	383	364	376	366·9
1904	377	403	410	395	386	386	368	369	390	379	371	356	382·5
1905	359	350	400	398	389	398	378	370	369	380	393	360	378·7
1906	358	360	368	386	406	388	377	377	386	387	399	359	379·2
1907	371	374	368	397	392	389	383	352	355	387	395	401	380·3
1908	386	359	410	420	397	395	398	384	373	393	396	377	390·7
1909	370	389	416	413	398	390	376	360	378	370	380	375	384·6
1910	353	360	387	393	395	399	386	396	397	388	384	397	386·2
1911	371·5	375·8	377·5	398·2	400·3	401·1	380·3	394·5	369·7	386·8	362·9	389·7	384·0
1912	395·5	399·7	395·1	389·7	395·3	381·3	399·5	384·6	376·2	393·5	373·5	347·9	386·0
1913	374·9	381·4	354·7	392·4	404·7	385·0	385·2	380·4	407·2	403·6	360·5	340·2	380·8
1914	364·2	355·8	388·5	390·4	381·2	394·9	394·6	393·5	390·1	390·6	401·1	364·9	384·2
1915	400·6	402·2	403·3	386·5	396·8	391·3	383·9	383·0	392·6	419·7	406·3	395·6	396·9
1916	367·3	374·4	423·2	405·1	411·6	401·5	392·7	391·1	388·6	381·3	386·5	396·5	393·3
1917	409·0	407·4	419·9	400·8	401·1	401·8	402·5	400·3	370·6	351·2	364·4	347·2	389·7
1918	376·3	383·7	406·9	427·6	432·5	390·0	388·4	390·5	362·1	372·2	385·7	391·9	392·3
1919	399·6	415·9	415·6	402·5	421·6	395·3	389·2	366·8	365·8	380·7	411·2	389·5	396·1
1920	366·7	370·1	368·5	404·8	388·0	398·5	386·2	383·5	391·7	420·0	394·3	414·2	390·5
1921	372·0	385·4	375·3	390·9	402·0	392·0	381·2	371·7	380·6	379·5	390·3	384·5	383·8
1922	377·8	417·3	394·6	416·7	395·4	386·9	387·9	381·9	394·0	414·4	387·4	372·5	393·9
1923	370·7	390·2	435·1	439·4	397·9	378·9	383·4	381·0	377·7	367·6	365·5	390·5	389·8
1924	413·6	407·0	414·7	407·6	408·6	405·1	382·5	394·7	386·0	397·1	397·0	383·4	399·8
1925	354·0	373·3	416·3	409·2	419·5	399·2	402·0	395·0	376·1	387·1	399·2	392·3	393·6
1926	395·9	420·8	393·9	406·2	416·3	403·0	407·1	389·3	378·0	395·2	391·1	391·4	399·0
1927	376·6	397·8	411·8	395·1	392·9	382·4	398·9	397·2	388·3	380·2	387·3	424·4	394·4
1928	398·2	387·7	433·6	428·0	422·1	401·1	369·4	377·8	387·7	392·1	389·9	381·3	397·4
1929	414·5	429·9	428·7	413·8	406·3	399·3	388·9	386·5	386·1	371·3	373·2	376·2	397·9
1930	365·8	410·9	411·2	421·6	422·6	413·2	405·2	393·8	417·6	399·7	362·7	384·3	400·7
1931	398·8	407·3	419·6	417·1	411·2	402·9	384·4	393·2	400·3	382·2	385·7	399·1	400·2
1932	360·9	391·6	416·7	404·2	412·9	409·7	402·0	395·6	389·9	380·8	394·1	383·8	395·2
1933	396·9	398·1	421·7	405·1	424·9	427·2	395·8	383·9	418·9	410·6	416·0	425·3	410·4
1934	386·0	382·5	396·7	438·6	410·0	403·4	410·6	391·8	402·9	373·6	388·3	400·3	398·7
1935	411·4	382·3	413·8	405·7	426·0	408·3	394·3	399·8	400·9	370·9	386·1	392·5	399·3
1936	396	420	435	423	436	419	405	396	415	408	385	366	409·8

FURUÖGRUND. The mean values increase downwards; the unit is 1 centimetre.

1916	295·1	299·3	349·9	322·8	319·7	320·5	317·0	318·4	313·2	306·4	305·6	319·5	315·6
1917	334·1	333·0	347·1	319·7	313·6	322·2	327·7	327·2	302·6	276·4	290·0	274·6	314·0
1918	304·1	311·1	328·7	340·2	353·2	316·6	315·3	319·4	289·1	299·6	308·5	315·4	316·8
1919	324·6	343·0	341·2	321·7	337·0	316·7	313·1	294·0	290·5	307·5	336·9	315·6	320·2
1920	290·2	295·3	289·9	323·6	311·8	324·1	313·0	309·6	318·5	346·8	318·9	338·6	315·0
1921	299·2	309·4	299·7	310·5	324·4	317·1	309·2	297·8	308·6	308·4	315·0	311·0	309·2
1922	299·8	345·6	317·9	338·5	318·2	312·3	312·7	308·5	318·8	344·4	314·0	297·6	319·0
1923	291·2	308·0	347·6	347·3	317·4	306·2	306·5	299·9	297·8	291·1	291·8	314·0	309·9
1924	331·6	330·2	338·4	329·9	326·6	327·4	309·1	321·1	311·7	316·8	316·9	303·7	322·0
1925	273·2	291·6	343·2	327·3	342·3	325·1	328·3	322·9	304·4	312·6	321·8	318·0	317·6
1926	315·6	346·4	314·5	330·1	340·6	336·6	332·6	320·0	303·6	322·2	304·0	318·2	323·7
1927	301·1	319·1	335·3	322·6	313·6	309·5	326·3	326·5	317·4	307·6	313·3	346·8	319·9
1928	323·8	310·4	351·8	351·2	347·6	325·2	294·5	309·6	316·7	320·1	316·2	308·7	323·0
1929	346·0	359·3	343·8	338·4	331·6	326·0	316·4	313·1	314·2	297·5	297·6	298·7	323·6
1930	287·0	340·4	338·8	352·3	351·6	340·2	334·4	324·9	347·3	327·1	284·7	305·6	327·9
1931	325·5	331·5	349·5	347·7	340·9	333·5	309·4	319·9	333·0	308·9	308·9	322·2	327·6
1932	284·5	322·4	350·0	329·0	346·1	339·5	328·7	322·5	307·7	305·3	319·6	304·9	321·7
1933	311·5	322·0	352·7	331·3	346·3	354·4	332·8	310·2	341·7	333·4	337·1	352·6	335·5
1934	309·3	311·3	319·1	364·5	337·2	328·7	339·0	321·7	325·3	305·5	302·9	317·3	323·5
1935	329·1	309·9	330·7	327·7	346·7	338·1	326·5	321·5	333·8	299·2	297·0	313·0	322·8
1936	324	337	360	351	350	349	335	317	335	347	301	284	338·25

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TABLE C: ANNUAL MEAN HEIGHTS OF SEA-LEVEL

The mean values increase upwards; the unit is 1 centimetre

Year	Nedre Stock-holm	Year	Mem	Nedre Stock-holm	Year	Malmö	Åhus	Kalmar	Visby	Väster-vik	Nedre Stock-holm	Luleå
1825	(432)	1861	..	407	1896	..	..	..	..	594·0	387	..
1826	(412)	1862	..	400	1897	..	..	..	..	591·7	384	..
1827	(415)	1863	..	416	1898	..	..	..	..	600·3	395	..
1828	(419)	1864	392	404	1899	..	..	..	..	609·8	401	..
1829	(409)	1865	387	399	1900	..	..	..	..	595·7	383	..
1830	(412)	1866	400	410	1901	..	..	..	..	589·7	377	..
1831	(407)	1867	398	406	1902	104·6	..	..	..	594·7	383	..
1832	(420)	1868	401	408	1903	113·0	213·5	410·0	..	606·4	396	..
1833	(414)	1869	401	410	1904	104·2	202·6	400·0	..	594·6	382	..
1834	(429)	1870	392	399	1905	107·5	206·8	405·8	..	597·1	387	..
1835	(424)	1871	388	395	1906	107·5	..	406·0	..	598·1	387	..
1836	(429)	1872	389	397	1907	106·4	203·3	402·2	..	594·6	384	..
1837	(424)	1873	398	407	1908	102·7	..	397·2	..	589·6	376	..
1838	(417)	1874	403	407	1909	107·1	..	400·5	..	594·1	382	..
1839	(416)	1875	382	382	1910	106·5	..	401·2	..	594·8	383	..
1840	(412)	1876	392	390	1911	110·4	..	406·8	..	598·6	385	..
1841	(407)	1877	398	396	1912	111·7	..	404·5	..	597·8	384	782·3
1842	(407)	1878	400	400	1913	114·5	210·4	410·3	..	602·5	388	785·9
1843	(412)	1879	391	392	1914	114·4	205·0	405·0	..	598·0	383	788·6
1844	(415)	1880	397	395	1915	107·3	201·6	398·2	..	592·4	376	776·1
1845	(407)	1881	391	391	1916	111·4	201·9	399·8	201	595·7	379	775·3
1846	409	1882	392	389	1917	108·2	..	398·1	201	594·0	377	775·3
1847	404	1883	390	388	1918	107·5	..	395·3	200	593·6	376	775·4
1848	405	1884	392	390	1919	105·2	197·6	395·7	197	592·0	374	777·7
1849	409	1885	387	388	1920	106·7	198·9	392·8	194	590·1	374	777·1
1850	408	1886	382	382	1921	115·0	206·2	404·6	208	601·2	385	785·4
1851	411	1887	..	391	1922	111·7	204·9	403·5	203	597·5	381	767·8
1852	408	1888	..	384	1923	113·5	207·1	403·3	207	599·2	384	782·3
1853	401	1889	..	386	1924	108·7	201·2	394·3	197	591·1	376	774·3
1854	413	1890	..	392	1925	113·8	..	403·6	206	599·5	383	779·2
1855	402	1891	..	384	1926	110·0	204·6	398·8	199	593·7	377	767·5
1856	407	1892	..	387	1927	111·9	205·5	401·3	202	598·3	384	770·5
1857	398	1893	..	393	1928	..	..	..	..	..	374	..
1858	408	1894	..	389	1929	..	..	..	..	..	371	..
1859	411	1895	..	388	1930	..	..	..	..	..	370	..
1860	403	..	..	..	1931	..	..	..	..	..	372	..
					1932	..	..	..	..	..	375	..

( ), the enclosed mean values have been calculated from an incomplete series of observations; *i*, the mean values have been obtained by interpolation or inference.

FINLAND

§ 1. *Authorities.*

1. Merentutkimuslaitos, Helsinki (Havsforskningsinstitutet, Helsingfors).
   - *a.* H. Renqvist. Water-level records from Finland previous to 1913. Skrift 76. (1931.)
   - *b.* H. Renqvist. Wasserstand-Registrierungen in Helsingfors, 1904–1920. Skrift 17. (1923.)
   - *c.* Vedenkorkeusarvoja (Vattenståndsuppgifter). Skrift 15, 19, 29, 36, 43, 52, 62, 67, 74, 80, 93, 99, 104, 112.
2. Hydrografinen Toimisto, Helsinki (Hydrografiska Byrån, Helsingfors).
   - *a.* E. Blomqvist and H. Renqvist. Wasserstandsbeobachtungen an den Küsten Finnlands. (Helsingfors, 1914.)
3. Central Meteorological Office of the Society of Sciences, Helsingfors.
   - *a.* Wasserstand-Registrierungen bei Hangö, 1897–1903. Finnländische Hydrog.-Biol. Untersuch. 4. (Helsingfors, 1909.)
4. Pilot Board.
5. Kobbaklintar Pilot Station.
6. Local Observers.

Nearly all the early observations were initiated by Authority 3 and carried out with the co-operation of Authority 4. Between 1889 and 1912 Authority 2 established, maintained and published results from twelve stations. Since its foundation in 1919, Authority 1 has been responsible for all records and has also published all available observations taken previously to 1919, except those published by Authority 2 and those for Hangö 1897–1903.

Authority 1*a* contains certain data previously published by R. Witting, A. Moberg, N. K. Nordenskiöld and E. Biese in Öfvers. Finska Vetensk.-Soc. Förhandl. (Helsingfors), and by R. Witting in Finnländische Hydrog.-Biol. Unters. 10, 12, 13 (Jahrbuch 1911, 1912, 1913, Helsingfors).

§ 2. *Apparatus.*

1. Recording gauge of design:
   - *a.* Renqvist-Witting.
   - *b.* Reitz.
   - *c.* H. C. Russell, modified by N. K. Nordenskiöld.
2. Fixed scale.
3. Arm and rod.

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§ 3. *Datums.*

The standard surface of the Finnish precision levelling system, *Finska Normal Noll.* or N.N., is the level of the zero of the tide staff in the Skatudd Canal, Helsinki.

In Finland the land is undergoing a change of level and the Merentutkimuslaitos (Thalassological Institute) has introduced a *Reference Plane* which is defined to be 200·0 cm. below sea-level at the epoch 1921·0. Where possible this Reference Plane has been determined from observations taken during 1911–20. To the mean level during these ten years, a correction for the gradual rising of the coast in five years has been applied. At stations established since 1920 an estimate has been made of the depth of the Reference Plane below the bench-mark and this estimate has not been changed.

All the datums are in this Reference Plane, and its relations to N.N. and the local bench-marks are given in Table A.

The individual bench-marks are described in Authorities 2*a*, 1*c*.

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TABLE A: Stations, Authorities and Conditions

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums, § 3		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
			§ 1	§ 1	§ 1	§ 2	1:	cm./hr.	p. 10	cm.	cm.		
Liinahamari	69° 39′ N.	31° 22′ E.	1*c*	1	1	1*a*	5	2·4	4*g*	..	−492·0	1931–6	..
Kemi	65 44 ,,	24 33 ,,	1*c*	1	1	2	..	..	4*o*	−204·7	..	1920–2	..
						1*a*	1	1·2	4*f*	−204·7	..	1922–36	..
Toppila	65 02 ,,	25 26 ,,	2*a*	2	2	2	..	..	4*o*	−180·3	..	1889–1912	..
			1*c*	1	1		..	..		−203·4	..	1913–22	..
						1*a*	1	1·2	4*f*	−203·4	..	1922–36	..
Hornankallio	64 42 ,,	24 30 ,,	1*c*	1	1	1*a*	1	1·2	4*g*	−203·6	..	1922–36	..
Ykspihlaja (Yxpilä)	63 50 ,,	23 02 ,,	2*a*	2	2	2	..	..	4*o*	− 58·5	..	1889–1912	..
			1*c*	1	1		..	..		−206·7	..	1913–24	..
Leppäluoto (Pietarsaari, Alholmen)	63 42 ,,	22 42 ,,	1*c*	1	1	2	..	..	4*o*	−203·7	..	1914–21	..
						1*a*	1	1·2	4*g*	−203·7	..	1922–36	..
Vaasa (Vasa, Brändö)	63 07 ,,	21 36 ,,	1*a*	3, 6	1	3	..	..	4*o*	−203·1	..	1883–1906	..
			2*a*	2	2	2	..	..	4*o*	− 73·6	..	1906–12	..
			1*c*	1	1		..	..		−203·1	..	1913–21	..
Vaskiluoto (Vasklot)	63 06 ,,	21 34 ,,	1*c*	1	1	1*a*	1	1·2	4*g*	−203·1	..	1922–36	..
Rönnskär	63 04 ,,	20 48 ,,	1*a*	3, 4	1	3	..	..	4*o*	..	..	1867–1910	..
			1*c*	1	1	2	..	..	4*o*	..	−399·7	1920–36	..
Kaskinen (Kaskö)	62 23 ,,	21 13 ,,	1*c*	1	1	1*a*	1	1·2	4*g*	−202·2	..	1926–36	..
Sälgrund	62 20 ,,	21 12 ,,	1*c*	1	1	2	..	..	4*m*,4*o*	..	−443·8	1919–28	..
Reposaari (Räfsö)	61 37 ,,	21 27 ,,	2*a*	2	2	2	..	..	4*o*	− 34·2	..	1889–1912	..
			1*c*	1	1		..	..		..	−913·4	1913–1926	..
Mäntyluoto	61 36 ,,	21 29 ,,	2*a*	2	2	2	..	..	4*o*	−133·6	..	1910–2	..
			1*c*	1	1	2	..	..	4*o*	−201·1	..	1913–24	..
						1*a*	1	1·2	4*g*	−201·1	..	1925–36	..
Säppi (Säbbskär)	61 29 ,,	21 20 ,,	1*c*	1	1	2	..	..	4*m*	..	−341·7	1919–32	..
							..	..		..	−461·9	1933–6	..
Rauma	61 08 ,,	21 29 ,,	1*c*	1	1	1*a*	1	1·2	4*g*	−200·0	..	1933–6	..
Lyökki (Lökö)	60 51 ,,	21 11 ,,	1*a*	3, 4	1	3	..	..	4*o*	..	..	1858–1912,	..
			1*c*				..	..		..	−341·0	1913–4	..
				3, 1			..	..	4*m*	..	−341·0	1914–36	..
Lypyrtti (Lypertö)	60 36 ,,	21 14 ,,	1*a*	3, 4	1	3	..	..	4*o*	..	..	1858–1912	..
			1*c*	1			..	..		..	−430·0	1913–4	..
							..	..	4*m*	..	−430·0	1914–22	..
						2	..	..	4*m*	..	−360·7	1923–36	..
Ruissalo (Runsala)	60 25 ,,	22 06 ,,	1*c*	1	1	1*a*	1	1·2	4*g*	−197·0	..	1922–36	..
Heligman (Hellman)	60 12 ,,	19 18 ,,	1*c*	1	1	2	..	..	4*o*	..	−279·6	1920–36	..
Strömma	60 11 ,,	22 53 ,,	2*a*	2	2	2	..	..	4*o*	−431·8	..	1899–1912	..
			1*c*	1	1		..	..		..	−616·8	1913–36	..
Lemström	60 06 ,,	20 01 ,,	2*a*	2	2	2	..	..	4*o*	− 62·5	..	1889–1912	..
			1*c*	1	1		..	..		..	−382·2	1913–33	..
							..	..		..	−524·1	1934–6	..
Lohm	60 06 ,,	21 40 ,,	1*c*	1	1	2	..	..	4*m*	..	−299·7	1920–7	..
Degerby	60 02 ,,	20 23 ,,	1*c*	1	1	1*a*	1	1·2	4*g*	..	−432·0	1924–36	..
Kobbaklintar	60 02 ,,	19 53 ,,	1*a*	3, 5	1	3	..	..	4*m*	..	−297·9	1885–1911	..
			1*c*	1			..	..				1920–4, 1926–36	
Jungfrusund	59 57 ,,	22 22 ,,	1*a*	3, 4	1	3	..	..	4*o*	..	..	1858–1912	..
			1*c*	1			..	..	4*n*	..	−300·4	1913–34	..
Utö	59 47 ,,	21 22 ,,	1*a*	3, 4	1	2	..	..	4*m*,4*o*	..	−424·1	1866–1912	..
			1*c*	1	1		..	..	4*m*	..		1913–36	..
Hanko (Hangö)	59 49 ,,	22 58 ,,	3*a*	3	3	1*c*	2·5	0·5	1	− 97·2	..	1897–1903	..
			1*c*	1	1	1*a*	1	1·2	4*g*	−193·7	..	1921–36	..
Russarö (Hanko, Hangö)	59 46 ,,	22 57 ,,	1*a*	3, 4	1	3	..	..	4*m*,4*o*	..	−276·8	1866–1912	..
			1*c*	1		2	..	..	4*m*	..	−381·5	1913–24, 1926–36	..
Tvärminne	59 51 ,,	23 15 ,,	1*c*	1	1	2	..	..	4*m*	..	−391·6	1921–36	..

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TABLE A—*continued.*

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums, § 3		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
			§ 1	§ 1	§ 1	§ 2	1:	cm./hr.	p. 10	cm.	cm.		
Skuru	60° 06′ N.	23° 33′ E.	2*a*	2	2	2	..	..	4*o*	−140·7	..	1900–12	..
			1*c*	1	1	2	..	..	4*o*	−194·2	..	1913–36	..
Helsinki (Helsingfors)	60 09 ,,	24 58 ,,	1*a*	3, 4	1	3	..	..	4*m*	..	−388·0	1857–62	..
			2*a*	2	2	2	..	..	4*o*	2·3	..	1879–1903	..
			1*b*	3	3	1*b*	10	1·2	1	−194·4	..	1904–17	..
			1*b*	3, 1	3, 1	1*b*	10	1·2	4*g*	−194·4	..	1918–20	..
			1*c*	1	1						..	1921–36	..
Söderskär	60 07 ,,	25 25 ,,	1*a*	3, 4	1	3	..	..	4*m*	..	− 411·4	1866–1912	..
			1*c*	1			..	..		..	− 341·3	1913–36	..
Kotka	60 27 ,,	26 57 ,,	2*a*	2	2	2	..	..	4*o*	− 19·3	..	1908–12	..
			1*c*	1	1		..	..		−195·6	..	1914–27	..
Hamina (Fredrikshamn)	60 34 ,,	27 11 ,,	1*c*	1	1	1*a*	1	1·2	4*g*	−194·0	..	1928–36	..
Viipuri (Viborg)	60 42 ,,	28 44 ,,	2*a*	2	2	2	..	..	4*o*	−127·9	..	1889–1912	..
			1*c*	1	1	2	..	..	4*o*	−190·6	..	1913–26	..
						1*a*	1	1·2	4*g*	−190·6	..	1926–36	
Koivisto (Björkö)	60 21 ,,	28 37 ,,	1*c*	1	1	2	..	..	4*m*	..	− 530·0	1921–5	..
						1*a*	1	1·2	4*g*	−191·7	..	1925–36	..
Suursaari (Hogland)	60 05 ,,	26 59 ,,	1*c*	1	1	3	..	..	4*o*	..	− 342·0	1919–36	..

TABLE B: Monthly and Annual Mean Heights of Sea-Level

LIINAHAMARI. The mean values increase upwards; the unit is 1 centimetre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1931	189·7	188·7	188·3	176·7	180·7	192·6	194·5	195·0	202·2	217·3	198·9	216·0	195·1
1932	221·6	201·8	191·0	184·3	179·0	185·7	193·9	202·6	213·5	204·5	211·3	221·8	200·9
1933	207·3	194·2	192·3	193·0	182·1	187·7	200·8	199·9	197·2	206·5	204·1	206·6	197·6
1934	220·7	210·7	180·3	182·7	194·4	192·1	183·6	185·7	190·3	206·0	207·7	199·6	196·2
1935	201·4	207·3	195·1	175·8	185·7	190·7	197·4	192·2	199·1	195·0	193·1	189·7	193·5
1936	187·7	185·1	181·2	179·4	176·9	190·3	191·0	195·9	205·8	208·1	210·6	223·4	194·6

KEMI. The mean values increase upwards; the unit is 1 centimetre.

1920	222·6	220·5	232·1	197·5	209·7*i*	193·6*i*	212·7	215·1	205·2	175·5	213·0	193·0	207·5
1921	224·5	208·9	220·7	205·0	199·2	211·2	215·9	229·5	214·2*i*	214·6	193·9	207·7	212·1
1922	212·5	172·9*i*	195·8	154·2*i*	201·9	204·3*i*	..	..	..	..	..	..	..
1922	..	..	..	..	..	..	207·7*i*	211·2	203·7	180·1	214·7	224·6	..
1923	232·2	205·4	160·4	155·6	197·0	220·6	215·0	219·5	225·8	231·4	227·8	209·0	208·4
1924	190·9	192·8	182·6	188·6	189·2	190·3	211·2	205·8	218·5	208·2	208·7	228·7	201·3
1925	253·3	226·4	179·0	185·9	176·8	197·6	194·2	197·6	219·5	209·9	198·8	202·8	203·5
1926	199·9	177·0	206·8	184·2	173·8	184·6	191·2	204·6	221·2	198·0	208·7	207·4	196·5
1927	218·1	196·8	182·1	198·6	199·9	213·4	192·2	195·5	204·9	214·3	208·2	169·6	199·5
1928	198·9	209·5	163·8*i*	167·5*i*	166·0*i*	198·4	231·8	208·5	207·2	202·5	204·2	215·4	197·8*i*
1929	177·9	156·1	178·2	175·7*i*	183·5	197·7	205·5	214·0	213·0	228·5	229·7	229·7	199·1
1930	238·7	185·5	184·3	159·4	167·7	182·4	186·6	193·0	172·1	200·1	237·4	212·7	193·3
1931	192·6	181·9	173·4	170·4	174·4	193·4	213·2	200·5	184·1	221·3	213·7	201·1	193·3
1932	239·8	197·6	174·4	188·2	168·7	183·1	194·5	201·2	225·7	210·6	207·3	218·9	200·8
1933	210·2	198·2	173·7	189·1	167·3	164·1	200·6	210·5	173·0	190·1	181·1	170·4	185·7
1934	219·7	212·5	192·8	153·0	183·2	190·6	178·5	200·7	192·5	222·9	213·4	199·6	196·6
1935	188·9	214·4	182·9	188·0	169·8	188·4	196·9	191·4	187·5	224·6	217·5	202·4	196·1
1936	193·4	171·0	159·7	168·2	160·4*i*	177·8	193·9	203·8	176·9	186·0	221·9	245·6	188·2

i, the mean values have been obtained by interpolation or inference.

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TABLE B—*continued.*

TOPPILA. The mean values increase upwards; the unit is 1 centimetre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1889	198	191	172	168	164	170	175	210	190	172	204	220	186·1
1890	210	186	183	166	156	191	212	197	195	199	183	184	188·6
1891	186	204	190	157	173	173	182	182	196	189	181	200	184·4
1892	180	184	154	172	189	186	196	196	209	180	189	182	184·7
1893	190	202	208	202	188	187	183	191	214	212	220	219	201·4
1894	197	226	201	160	167	165	189	203	179	167	200	209	188·7
1895	174	148	171	185	168	178	196	190	209	198	210	194	185·2
1896	204	216	193	194	190	188	206	195	191	208	194	174	195·8
1897	172	187	177	183	185	189	204	193	218	206	194	206	192·8
1898	227	221	190	176	181	189	213	215	199	184	205	236	203·0
1899	237	225	211	213	192	183	195	198	198	225	233	204	209·8
1900	180	171	179	174	192	180	199	201	199	219	200	198	191·3
1901	193	194	179	184	162	188	182	187	175	193	185	187	184·1
1902	216	195	172	162	170	174	198	206	199	185	195	192	188·9
1903	204	238	229	213	187	184	196	220	217	186	208	199	206·7
1904	202	165	163	177	187	186	201	199	182	197	202	211	189·5
1905	212	221	171	174	185	173	191	195	200	186	182	216	192·1
1906	209	209	201	187	165	183	195	193	186	188	170	210	190·8
1907	196	194	203	172	178	181	187	214	222	182	179	166	189·3
1908	185	206	164	155	176	178	173	185	196	184	172	193	180·1
1909	211	181	157	155	173	182	195	209	194	205	188	198	187·5
1910	217	212	183	179	176	175	183	173	178	190	178	171	185·0
1911	200	193	194	174	172	173	196	178	200	184	211	182	188·5
1912	189	179	180	189	174	189	176	181	189	178	202	218	187·1
1913	217·5	213·4	238·2	202·0	192·2	210·8	207·0	213·7	190·4	192·4	233·2	253·3	211·2
1914	226·4	236·4	202·5	201·7	215·4	205·3	201·2	198·1	205·5	208·6	200·3	233·2	211·2
1915	189·1	188·8	189·4	207·3	200·9	206·2	209·9	208 5	194·8	173·2	179·4	188·1	194·6
1916	218·9	213·5	167·1	186·4	180·4	190·1	199·6	198·0	205·8	211·1	209·8	196·3	198·1
1917	191·7	185·8	172·3	192·7	193·5	193·6	188·8	189·1	216·9	240·2	223·6	239·7	202·3
1918	218·9	206·0	186·0	171·3	165·7	206·1	204·2	198·6	231·0	227·6	216·9	199·7	202·7
1919	192·9	180·7	181·0	196·1	175·9	200·3	205·3	225·6	233·7	210·6	182·6	202·8	199·0
1920	225·2	221·4	228·3	194·8	210·7	195·5	213·6	212·9	204·7	174·2	212·5	186·4	206·7
1921	217·1	206·5	218·7	203·8	195·8	205·5	212·4	223·1	218·5	215·1	209·8	223·9	212·5
1922	229·1	199·6	212·7	192·0	206·4	207·4	..	..	..	..	..	..	.. } 207·0
1922	..	..	..	..	..	..	205·6	210·7	202·0	182·1	212·8	223·7	..
1923	230·3	203·9	159·2	155·6	198·2	218·9	214·0	218·0	223·2	229·1	228·5	208·1	207·3
1924	190·5^i	192·5^i	182·4^i	188·0^i	189·6	190·0	210·6	201·6	215·6	203·2	209·8	224·8	199·9^i
1925	252·8	224·5	179·7	186·3	177·0	196·4	192·0	196·0	216·7	213·6	198·7	203·0	203·0
1926	199·1	176·2	205·9	185·2	174·8	185·6	192·2	204·2	220·2	198·6	205·8	207·3	196·3
1927	217·1	196·6	182·3	199·2	199·6	211·9	190·4	194·8	204·4	213·9	208·4	170·6	199·1
1928	198·0	208·7	163·5	169·0	166·0	198·0	230·4	209·0	206·8	202·1	202·0	214·4	197·3
1929	178·3	156·0	178·0	176·3	183·4	197·8	205·4	212·5	210·0	225·6	223·8	223·4	197·5
1930	235·0	184·9	187·5	163·7	167·8	182·0	185·0	193·2	173·5	197·0	235·0	209·9	192·9
1931	192·4	180·6	173·2	170·8	174·5	195·1	210·1	230·6^i	187·7	222·1	208·0	203·8^i	193·2
1932	249·6^i	216·3^i	187·9^i	197·2^i	171·0	184·5	193·8	201·5	224·5	211·5	206·4	219·8	205·4^i
1933	206·1	198·4	175·2	194·4	169·4	165·5	200·8	209·8	174·6	188·7	182·9	172·7	186·5
1934	219·8	213·9^i	193·9	157·7	187·3	193·3	180·4	199·7	191·5	219·5	212·4	201·4^i	197·6^i
1935	..	..	..	..	175·4^i	189·1	198·9	192·1	189·2	221·9	213·0	207·0^i	..
1936	..	..	..	..	162·5	179·4	193·5	201·8	181·1	188·3	218·8	242·4	..

HORNANKALLIO. The mean values increase upwards; the unit is 1 centimetre.

1922	..	..	..	..	..	..	205·8	211·2	202·4	181·9	213·3	223·8	..
1923	229·2	203·8	158·4	154·2	195·6	217·5	212·7	218·5	222·3	229·5	227·5	206·6	206·3
1924	190·3	192·2	182·1	187·5	187·4	188·6	210·2	200·2	214·6	202·9	207·7	222·1	198·8
1925	250·2	224·7	179·4	185·2	176·0	196·1	190·7	196·5	217·7	211·8	198·1	202·6	202·4
1926	197·9	174·7	204·7	182·5	171·8	184·1	189·5	201·4	216·9	198·2	204·0	205·4	194·3

i, the mean values have been obtained by interpolation or inference.

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TABLE B—*continued.*

HORNANKALLIO—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1927	216·8	196·1	180·6^i	196·8	198·0	210·2	190·2	193·6	203·2	213·5	207·8	169·1	198·0
1928	198·0	208·8^i	161·5	166·2	164·6	197·8	228·6	209·6	205·4	201·7	201·3	212·5	196·3
1929	178·8	155·6^i	177·2	175·9	182·5	197·2	204·7	210·3	208·7	224·3	221·2	221·5	196·5
1930	230·5	183·5	183·4	158·6	166·9	180·2	185·4^i	194·2	172·7	196·1	234·9	207·8	191·2
1931	191·5	180·8	172·8	170·7	173·5	194·2	209·8^i	199·3	187·2	219·0	205·7^i	197·6	191·8
1932	239·0	196·8	173·7	187·3	168·8	183·3	192·0	199·4	221·2	211·4	202·9^i	215·3	199·3
1933	202·4	196·9	173·0	189·2	168·2	164·9	199·1	208·6	173·2	186·2	180·8	170·6	184·4
1934	216·5	212·8	192·2	154·7	183·8	189·7	178·1	198·8	189·6	218·6	209·4	195·2	195·0
1935	186·2	212·8	181·4	186·8	168·3	185·7	197·0	190·3	188·8	221·5	209·6	199·2	194·0
1936	192·4	170·1	158·3	170·3	157·4	176·2	190·4	198·9	177·8	185·4	214·8	236·5	185·7

YKSPIHLAJA (YXPILÄ). The mean values increase upwards; the unit is 1 centimetre.

1889	85^i	84^i	60^i	56^i	43^i	57^i	69	98	76	67	76	91	71·8^i
1890	94	74	74	57	51	80	95	86	80	96	76	65	77·2
1891	56	80	77	42	61	54	67	77	88	80	61	82	68·7
1892	80	72	42	59	70	72	82	81	95	69	69	68	71·3
1893	56	56	83	74	53	72	69	79	100	98	104	107	79·1
1894	82	113	92	46	54	57	72	87	70	53	82	94	73·7
1895	64	32	59	74	50	54	80	78	91	85	85	79	69·4
1896	79	89	71	67	65	67	80	68	66	78	69	48	70·4
1897	40	63	52	56	62	61	76	67	89	81	63	79	65·8
1898	97	96	65	48	54	62	87	85	82	56	72	96	74·2
1899	90	77	71	78	49	62	66	77	87	98	109	81	78·1
1900	49	37	46	44	66	56	73	73	74	91	69	80	63·8
1901	70	64	44	52	38	62	54	61	50	68	67	68	58·3
1902	93	71	49	37	45	51	75	84	78	59	64	50	63·3
1903	73	111	100	76	59	53	69	95	87	60	79	68	76·9
1904	67	40	35	49	60	60	79	76	55	67	74	87	62·3
1905	86	95	45	48	57	48	67	75	78	64	51	88	66·5
1906	86	85	70	61	40	59	70	70	63	59	45	86	65·6
1907	71	73	79	49	56	57	64	92	92	58	49	43	64·8
1908	62	84	36	23	49	52	50	60	71	52	48	67	54·4
1909	78	55	29	34	49	58	71	86	63	75	63	68	61·2
1910	92	84	58	51	49	47	59	49	51	61	56	45	58·4
1911	74	68	69	49	48	47	70	53	77	62	83	55	62·7
1912	50	43	49	57	51	65	47	60	70	52	72	94	59·4
1913	217·3	211·5	237·3	200·9	189·9	211·6	208·0	212·5	187·3	189·8	231·7	253·3	212·6
1914	228·2	237·2	204·8	203·1	214·5	201·7	200·5	200·9	205·2	205·0	192·4	225·2	209·9
1915	190·3	189·9	190·3	208·1	200·1	205·4	210·7	210·5	201·0	173·3	184·2	195·2	196·6
1916	223·4	218·3	170·7	190·0	185·7	196·5	203·1	204·0	207·4	212·6	207·3	195·8	201·2
1917	183·3	187·8	175·1	194·5	194·6	193·6	192·6	191·8	219·7	238·7	227·7	243·3	203·6
1918	215·4	207·7	187·2	166·5	163·0	205·5	206·3	200·5	230·0	220·4	208·3	200·4	200·9
1919	195·5	176·1	178·2	193·7	174·1	201·7	205·9	227·6	228·6	212·0	180·0	201·9	197·9
1920	225·0	222·8	225·8	190·0	206·9	197·6	210·0	211·0	201·5	173·4	202·3	179·1	203·7
1921	219·2	208·6	217·4	203·1	192·8	205·2	215·1	221·3	217·5	217·4	204·5	209·7	211·0
1922	215·8	176·1	199·9	178·4	200·5	210·6	209·0	212·6	202·1	182·2	208·4	222·1	201·5
1923	223·5	204·2	158·6	155·2	196·8	218·9	213·8	220·1	221·9	228·7	226·7	205·0	206·1
1924	187·1	191·9	183·4	189·2	188·0	192·9	211·3	200·1	211·2	201·6	203·2	215·0	197·9

LEPPÄLUOTO (ALHOLMEN, PIETARSAARI). The mean values increase upwards; the unit is 1 centimetre.

1914	..	..	..	..	..	200·4	199·2	197·9	202·7	205·2	194·1	223·5	200·4
1915	191·5	190·7	191·0	208·3	199·7	203·3	211·0	209·7	199·9	171·9	183·5	195·9	196·4
1916	223·6	217·9	171·2	189·8	185·4	193·9	201·6	201·6	206·9	211·8	208·7	196·3	200·7
1917	183·4	186·6	174·0	194·0	194·1	194·1	191·0	192·4	218·6	239·0	227·4	242·5	203·1
1918	214·9	207·9	187·8	166·8	162·5	203·0	203·3	199·6	230·0	223·0	208·6	198·6	200·5

i, the mean values have been obtained by interpolation or inference.

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TABLE B—*continued.*

LEPPÄLUOTO (ALHOLMEN, PIETARSAARI)—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1919	193·6	176·2	177·8	193·3	173·6	202·0	202·8	226·6	228·9	211·2	179·3	201·9	197·3
1920	223·9	220·9	221·9	188·5	204·1	195·9	207·8	207·7	198·4	171·4	199·3	178·6	201·5
1921	219·9	205·8	215·9	201·5	191·3	203·9	211·5	220·8	214·2	216·2	204·2	208·9*i*	209·5
1922	214·3	174·5	198·4	176·8	198·0	206·3	205·6	210·5	200·4	181·7	209·6	221·9	199·8
1923	223·5	201·6	156·8	154·4	194·2	216·2	211·0	218·6	221·0	228·8	227·3	204·9	204·8
1924	186·7	190·8	181·2	186·3	184·7	188·6	208·3	197·3	209·3	199·7	203·2	214·5	195·9
1925	242·6	221·5	177·9	182·8	173·2	194·3	188·9	196·3	214·9	211·0	196·7	202·6	200·2
1926	194·6	172·9	201·7	180·4	171·0	181·6	186·0	201·4	214·8	197·4	200·5	201·2	192·0
1927	214·6	193·0	179·1	196·3	197·8	208·5*i*	189·8	193·5	202·2	212·2	205·2	167·4	196·6
1928	193·9	204·6	159·0	164·6	164·1	196·5	224·4	208·7	202·6	199·9	200·2	208·2	193·9
1929	176·5	152·2	173·7	175·5	180·5	195·7	203·0*i*	207·2	206·8	221·7	217·2	217·1	193·9
1930	223·8	178·8	181·7	158·3	165·9	177·8	185·7	195·6	171·9	194·0	232·3	202·3	189·0
1931	189·6	177·2	169·6	168·4	170·6	190·6	206·4	196·0	187·3	214·3	200·6	193·7	188·7
1932	231·5	194·3	171·1	184·8	167·3	181·5	189·2	195·7	215·6	209·8	197·0	208·2	195·5
1933	194·9	193·4	169·0	186·2	166·1	162·7	195·3	207·0	172·4	182·1	176·6	167·0	181·1
1934	206·2	208·8	190·1	151·9	181·0	187·1	178·0	197·9	187·6	216·6	204·6	190·0	191·6
1935	180·1	208·8	177·9	185·0	165·5	182·5	195·5	189·8	189·1	219·7	203·9	197·0	191·2
1936	191·9	168·9	156·1	169·3	155·9	173·7	187·1	195·8	176·6	183·4	207·7	228·0	182·9

VAASA (VASA, BRÄNDÖ). The mean values increase upwards; the unit is 1 centimetre.

1883	..	..	..	..	..	..	..	..	230·2*i*	239·2	251·0	253·6	..
1884	254·2	250·4	206·8	189·0	215·5	222·2	226·9	217·4	217·4	244·3	245·3	249·5	228·2
1885	212·5	221·6	224·2	201·7	206·2	232·2	224·1	221·2	233·3	232·0	224·2	251·5	223·7
1886	244·8	201·5	186·9	207·7	209·9	215·3	242·9	240·6	233·2	219·4	212·1	254·7	222·4
1887	222·0	232·3	224·4	216·7	216·3	220·3	233·4	242·0	229·7	236·8	233·1	246·7	229·5
1888	226·5	212·2	182·0	194·7	220·9	210·7	223·6	232·3	222·9	240·1	232·2	253·9	221·0
1889	231·1	233·4	209·9	204·7	191·7	205·3	217·5	247·1	227·3	218·9	227·0	236·2	220·8
1890	244·6	221·9	222·5	209·2	200·7	229·5	242·5	235·5	231·2	248·2	228·6	210·3	227·1
1891	207·8	231·2	226·8	192·5	209·5	200·5	216·6	229·9	238·7	234·1	214·2	235·1	219·8
1892	232·0	225·1	191·1	207·9	217·0	221·7	231·3	231·2	244·8	220·5	217·8	221·4	221·8
1893	206·5	207·1	233·3	220·1	200·9	218·9	217·3	228·9	246·7	251·4	250·8	251·8	227·8
1894	232·6	265·7	243·0	194·7	202·2	206·0	221·8	236·4	219·9	205·1	233·6	241·1	225·2
1895	212·9	185·2	210·9	222·2	196·2	203·7	229·2	229·1	241·1	238·9	240·7	230·7	220·1
1896	228·0	238·2	221·6	214·0	214·6	216·0	230·4	220·0	215·8	229·6	218·7	203·2	220·8
1897	193·5	219·8	204·5	205·7	209·6	210·4	224·2	218·3	240·4	229·8	216·2	233·5	217·2
1898	243·4	245·5	213·5	195·0	260·8	213·0	237·3	231·8	229·1	205·5	223·6	248·3	223·9
1899	239·9	227·1	219·7	225·7	198·6	206·2	212·1	221·4	237·2	243·6	259·4	229·7	226·7
1900	198·6	188·9	194·1	191·2	210·3	202·7	219·9	221·0	222·4	241·1	214·1	226·8	210·9
1901	219·2	211·1	191·5	197·9	182·4	209·5	201·5	209·1	199·9	214·6	214·3	220·9	206·0
1902	240·7	217·1	196·3	182·6	192·8	195·6	220·5	231·7	225·5	209·3	211·9	198·2	210·2
1903	222·9	256·2	242·6	225·8	205·8	197·5	216·1	241·9	234·4	210·1	226·6	212·9	224·4
1904	210·9	190·5	181·6	197·1	205·6	206·7	225·0	223·7	201·4	211·0	222·7	234·6	209·3
1905	234·1	240·6	192·3	194·6	202·5	194·2	214·3	219·6	222·2	..	200·4	232·3	(213·3)
1906	230·3	229·8	225·4	205·1	186·4	204·4	215·9	216·1	206·4	203·2	193·1	233·6	212·5
1906	101	101	95	76	59	76	88	90	79	75	64	103	84·1
1907	90	84	93	69	75	77	80	105	105	76	64	61	81·4
1908	79	104	52	45	66	69	66	79	91	69	68	85	73·0
1909	91	73	51	54	67	74	88	105	85	90	84	85	79·2
1910	109	96	77	69	69	66	77	66	66	78	77	67	76·9
1911	93	86	86	68	66	65	86	72	94	79	101	72	80·9
1912	67	65	70	75	71	84	66	81	89	70	90	114	78·6
1913	218·6	210·0	236·8	202·4	189·6	211·5	208·7	213·3	187·1	190·1	232·1	255·2	213·0
1914	227·5	237·2	206·4	204·0	214·4	200·4	200·4	201·8	204·4	203·8	190·8	224·3	209·6
1915	195·1	192·4	191·6	206·9	199·2	204·3	210·7	212·2	204·2	173·6	186·3	201·4	198·2
1916	225·1	219·2	171·8	190·3	186·8	195·0	202·8	204·6	207·0	213·5	206·4	197·8	201·7
1917	184·7	186·9	174·7	194·4	194·5	193·4	192·0	191·9	219·4	237·8	227·3	244·8	203·5
1918	218·7	208·5	186·6	167·5	163·0	204·8	206·4	203·5	230·0	220·3	206·2	201·8	201·4
1919	195·4	177·2	179·7	193·2	174·0	202·2	206·3	227·7	226·3	214·6	180·4	203·5	198·4
1920	222·8	220·1	219·0	189·2	205·3	196·6	208·1	209·1	200·6	173·8	197·4	179·2	201·8
1921	221·0	206·7	215·9	203·2	191·0	202·9	214·4	218·6	216·6	218·7	205·1	209·8	210·3

( ), the enclosed mean value has been calculated from an incomplete series of observations; *i*, the mean values have been obtained by interpolation or inference.

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TABLE B—*continued.*

VASKILUOTO (VASKLOT). The mean values increase upwards; the unit is 1 centimetre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1922	218·0	177·3	200·3	178·2	199·3	208·4	207·6	213·2	201·6	184·2	210·2	222·6	201·7
1923	221·9	202·3	158·5	157·2	195·4	218·5	211·9	220·8	221·7	230·5	230·8	206·6	206·3
1924	186·8	192·9	184·2	189·6	187·5	193·4	212·5	201·2	212·0	202·1	205·1	213·9	198·4
1925	242·3	224·4	182·6	185·3	176·7	197·8	192·4	200·9	217·8	213·8	199·6	207·1	203·4
1926	195·8	174·8	203·0	183·4	175·5	185·3	189·9	205·2	216·8	201·2	202·0	202·6	194·6
1927	216·3	194·6	182·0	199·6	201·8	211·2	194·4	197·6	204·7	214·5	206·9	170·4	199·5
1928	194·3	204·7	159·2	166·8	167·5	201·4	226·9	212·6	204·5	202·1	202·8	208·6	195·9
1929	178·9	153·3	174·5	179·7	182·8	198·3	206·0	208·2	207·1	221·2	215·2	216·1	195·1
1930	222·0	179·0	182·4	161·0	168·6	179·7	190·5	200·2	173·9	195·2	232·9	201·4	190·6
1931	193·2	178·2	171·7	171·2	172·2	193·6	208·7	198·9	192·0	214·1	200·0	195·8	190·8
1932	230·7	196·2	175·1	187·2	171·3	185·4	192·2	198·2	215·5	212·3	197·6	207·8	197·5
1933	192·0	194·8	171·4	189·6	170·6	166·9	198·1	210·5	176·7	182·9	178·4	169·7	183·5
1934	202·8	209·7	192·4	154·3	183·1	189·8	183·3	200·6	189·8	218·7	205·6	190·0	193·3
1935	179·9	210·1	180·4	187·2	167·5	185·1	199·6	193·9	193·9	221·8	203·0	199·0	193·4
1936	195·9	172·1	159·1	172·7	158·6	176·2	189·5	197·5	180·2	186·7	206·7	225·4	185·0

RÖNNSKÄR. The mean values increase upwards; the unit is 1 centimetre.

1867	239·4	258·1	223·4	241·8	212·3	234·7	249·0	247·3	243·1	259·4	261·6	251·9	243·5
1868	240·8	282·6	265·0	233·8	247·7	252·6	239·9	233·3	244·4	242·9	253·9	239·4	248·0
1869	241·7	268·4	228·6	217·2	229·0	245·8	246·9	248·9	263·8	268·5	276·2	252·2	248·9
1870	238·3	214·0	226·5	227·9	244·2	242·8	251·1	214·1	248·9	233·6	237·2	218·2	233·1
1871	224·5	195·8	238·1	239·0	222·1	219·7	232·7	249·8	228·9	231·4	227·6	240·5	229·2
1872	248·3	211·5	213·1	222·3	223·9	220·1	232·9	233·1	246·9	250·1	244·9	239·2	232·2
1873	258·7	230·3	212·0	203·1	223·1	231·8	240·3	254·5	250·3	268·8	248·3	285·4	242·2
1874	295·0	264·1	232·6	241·0	214·8	240·7	239·4	250·5	252·6	260·9	256·1	233·1	248·4
1875	218·7	218·7	198·6	219·1	234·9	239·6	224·6	225·4	231·3	220·7	215·7	218·2	222·1
1876	236·5	223·8	237·3	223·5	210·6	227·7	243·6	244·4	250·7	236·7	225·8	206·3	230·6
1877	216·1	233·9	228·4	207·5	214·6	231·9	244·4	242·9	242·5	253·8	267·9	249·8	236·1
1878	244·2	245·8	253·4	220·5	215·6	249·3	241·5	228·8	254·3	255·0	237·5	234·1	240·0
1879	227·4	210·0	227·7	200·9	213·7	230·6	241·0	234·5	252·2	246·3	233·6	238·5	229·7
1880	246·6	236·5	231·5	207·6	223·3	222·8	228·9	227·9	220·2	230·7	253·7	272·7	233·5
1881	243·8	213·0	218·2	226·5	222·3	225·7	242·8	256·5	228·1	215·4	240·6	246·0	231·6
1882	264·5	249·8	263·6	218·0	218·2	229·0	226·2	244·2	226·3	198·9	211·3	200·0	229·2
1883	213·6	210·8	210·2	203·0	212·1	220·3	223·8	238·7	231·4	237·7	252·0	254·0	225·6
1884	256·6	252·1	207·4	188·4	215·4	221·9	226·5	216·9	217·2	245·4	246·5	243·5	228·2
1885	213·2	223·9	225·6	201·9	205·8	229·6	221·8	221·2	231·6	234·4	222·7	252·4	223·7
1886	246·0	202·7	189·3	207·8	206·3	213·3	243·1	239·6	228·8	216·9	211·2	253·1	221·5
1887	223·6	228·5	223·4	215·3	214·1	217·4	231·9	240·5	228·4	237·0	231·7	247·7	228·3
1888	227·0	212·8	180·0	195·1	221·0	209·1	222·8	229·5	220·7	241·0	230·4	255·6	220·4
1889	231·1	232·6	209·5	203·8	189·6	203·5	219·0	244·7	226·7	217·9	226·0	232·8	219·8
1890	245·0	221·4	220·5	208·9	200·2	227·5	239·4	234·5	228·6	249·0	228·5	210·0	226·1
1891	207·5	225·7	225·2	191·5	206·7	200·6	214·4	226·6	235·8	231·7	214·2	233·9	217·8
1892	231·6	222·8	192·9	206·9	216·2	219·9	229·6	229·4	240·5	221·6	214·9	223·5	220·8
1893	206·9	205·3	226·0	218·3	199·9	216·2	216·2	228·1	248·8	251·1	249·6	252·9	226·6
1894	232·6	264·5	238·8	191·6	201·4	205·1	218·9	233·6	220·7	205·3	230·3	240·1	223·6
1895	212·1	184·2	207·2	220·7	194·7	201·9	228·0	227·2	238·0	237·4	237·8	229·8	218·2
1896	223·9	236·4	220·1	210·7	209·7	213·1	227·1	218·5	215·6	227·7	217·2	201·1	218·4
1897	190·1	214·7	200·4	202·6	205·9	207·8	222·3	215·6	238·2	227·2	212·7	232·7	214·2
1898	241·9	247·2	212·7	194·4	200·0	210·2	237·6	232·1	229·7	204·5	221·9	250·1	223·5
1899	239·9	226·3	221·1	226·2	195·8	206·4	210·4	221·3	238·0	242·9	257·0	231·3	226·4
1900	198·8	190·9	196·9	194·0	211·9	204·2	219·3	220·1	221·0	243·6	217·7	228·8	212·3
1901	217·6	211·4	191·6	200·4	182·6	208·0	200·7	209·3	201·2	217·9	215·9	223·1	206·6
1902	242·0	219·6	198·9	182·9	193·2	196·6	223·6	234·4	227·6	210·9	213·9	200·6	212·0
1903	226·0	258·4	245·4	227·2	209·0	198·2	215·5	244·5	237·4	216·9	230·7	217·9	227·3
1904	212·5	192·3	183·4	196·7	206·9	207·2	220·6	223·9	203·7	211·8	224·4	237·4	210·1
1905	226·9	241·2	196·9	191·2	198·9	193·6	218·2	224·1	227·7	219·0	199·7	234·1	214·3
1906	235·5	232·7	220·8	200·3	190·1	205·6	218·8	214·0	203·8	201·3	198·3	236·1	213·1
1907	221·3	215·1	222·1	200·5	203·9	207·4	213·2	236·0	233·9	207·3	196·7	191·6	212·4
1908	210·7	233·5	184·0	176·4	196·4	194·8	199·2	210·4	219·9	195·8	201·0*i*	219·3	203·4
1909	223·7	206·6	183·2	184·8	195·9	204·8	220·3	230·2	214·8	222·6	216·5	217·3	210·1

i, the mean value has been obtained by interpolation or inference.

TABLE B—*continued.*

RÖNNSKÄR—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1910	239·2	229·5	204·8	203·2	198·2	195·0	209·8	200·7	196·3	206·9	212·1	201·1	208·1
1920	226·4	221·4	223·7	189·8	205·6	196·1	209·6	212·0	203·0	175·4	196·6	178·6	203·2
1921	221·3	206·9	215·7	204·2	189·1	203·4	214·3	219·8	213·8	218·1	207·2	213·6	210·6
1922	216·9	178·4	199·9	177·2	198·3	208·5	209·3	214·1	201·3	184·0	209·8	222·7	201·7
1923	222·6	203·1	160·5	161·7	196·0	217·9	211·5	224·4	219·6	231·3	236·5	208·6	207·8
1924	189·3	194·8	185·8	190·6	189·6	195·0	213·2	200·4	210·1	205·7	209·6	213·1	199·8
1925	243·5	224·5	185·0	185·6	177·4	198·4	195·4	203·5	220·1	208·6	199·6	210·6	204·3
1926	196·2	176·8	204·6	188·2	174·7	185·2	189·9	206·7	217·6	200·8	204·0	199·4	195·3
1927	222·5	200·8	185·1	199·7	200·4	211·1	195·1	199·1	208·6	217·5	210·1	172·8	201·9
1928	197·2	206·0	159·9	168·6	169·1	202·9	224·9	214·6	205·7	205·2	206·8	212·9	197·8
1929	182·4*i*	154·8*i*	172·6*i*	179·0*i*	182·3	198·9	205·4	208·1	208·8	220·7	215·8	221·5	195·9*i*
1930	222·9	181·9	183·5	161·4*i*	173·4	183·4	195·9	206·8	173·1	205·6	234·3	200·3	193·5
1931	193·6	183·4	175·1	175·1	174·1	194·8	210·5	198·8	192·1	211·4	198·9	195·5	191·9
1932	233·8	198·3	179·1	188·2	172·8	184·0	194·5	196·9	215·8	214·4	199·8	210·4	199·0
1933	196·1	197·1	172·3	189·5	172·6	169·8	198·6	211·2	180·0	184·7	183·4	173·7	185·8
1934	206·7	213·8	194·2	159·1	183·1	190·4	185·5	201·5	191·9	221·6	207·3	195·5	195·9
1935	181·3	213·9	182·4	189·9	168·9	186·6	201·7	195·9	196·6	226·2	206·9	204·1	199·5
1936	201·4	176·4	161·2	173·8	160·4	177·5	190·1	199·7	182·2	190·0	210·5	228·1	187·6

KASKINEN (KASKÖ). The mean values increase upwards; the unit is 1 centimetre.

1926	..	..	..	..	..	..	..	..	217·2	202·6	202·7	203·8	..
1927	216·9	195·1*i*	181·4*i*	201·0	203·8*i*	212·6	197·4	199·3	206·8	216·2	208·2	172·7	200·9*i*
1928	195·5	204·7	160·3*i*	168·5	170·0	203·5	226·7	215·0	205·4	203·8	205·7	211·0	197·5
1929	181·0	155·1	176·6	183·2	185·4	199·8	207·6	209·4	208·7	223·6	216·5	218·1	197·1
1930	223·1	181·1	184·5	164·9	171·6	182·0	195·1	204·2	176·8	197·0	234·2	202·5	193·1
1931	195·8	179·5	174·6	174·0	174·2	194·3	209·5*i*	200·0*i*	192·8	212·8	201·5	197·9	192·2
1932	230·1	198·0	177·3	188·6	174·0	186·9	192·9	199·0*i*	214·3	213·7	198·6	207·5	198·4
1933	192·8	195·7	172·6	192·3	173·2	168·5	197·7*i*	210·5	178·3	183·9	179·9	170·3	184·6
1934	201·8	209·6	192·8	154·8	183·3	190·1	185·9	202·1	190·5	220·0	206·3	191·9	194·1
1935	181·3	211·1	182·1	188·9	168·3	185·3	200·5	195·4	195·9	223·4*i*	204·2	210·6*i*	194·8*i*
1936	198·2	173·8	160·4	175·1	160·7	175·9	189·4	197·8	181·3	188·6	207·7	224·5	186·1

SÄLGRUND. The mean values increase upwards; the unit is 1 centimetre.

1919	..	..	..	..	..	..	205·7	226·3	221·6	214·5	179·8	203·5	..
1920	222·7	217·7	217·7	188·2	203·4	194·1	205·2	211·0	202·2	174·0	195·6	177·5	200·8
1921	222·4	207·2	214·0	201·7	187·3	201·0	212·2	219·1	213·8	214·8	204·8	211·8	209·2
1922	218·6	178·1	201·3	179·0	197·2	206·8	207·0	211·7	199·2	182·2	207·9	223·3	201·0
1923	220·9	200·0	158·1	156·9	193·1	216·1	209·5	220·5	218·5	230·4	231·7	207·8	205·3
1924	186·5	194·1	184·1	189·4	185·8	192·0	211·6	198·7	208·1	199·8	204·5	211·1	197·2
1925	240·0	222·7	184·5	184·0	175·2	198·2	191·7	200·8	216·2	209·5	199·1	209·2	202·5
1926	196·5	174·3	199·5	182·2	176·8	184·6	188·7	204·2	215·5	202·3	202·6	204·3	194·3
1927	214·4	193·8	179·7	198·6	202·3	210·3	195·7	197·5	205·4	215·1	207·2	171·0	199·2
1928	195·2	204·5	158·6	167·6	168·4	202·2	223·7	212·5	202·9	201·4	202·7	208·9	195·7

REPOSAARI (RÄFSÖ). The mean values increase upwards; the unit is 1 centimetre.

1889	62	63	38	35	20	35	50	75	56	46	55	57	49·2
1890	73	50	52	46	36	63	73	69	62	85	68	47	60·3
1891	37	52	50	23	40	31	44	57	64	57	40	62	46·4
1892	60	53	23	39	48	50	61	59	68	48	42	55	50·5
1893	29	32	55	43	27	42	42	54	74	74	73	75	51·8
1894	52	71	64	22	31	39	50	63	52	36	61	61	51·7
1895	45	20	43	55	30	38	62	61	72	70	68	60	52·6
1896	58	69	54	47	49	52	62	54	48	58	53	40	53·8

i, the mean values have been obtained by interpolation or inference.

TABLE B—*continued.*

REPOSAARI (RÄFSÖ)—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1897	29	53	42	43	44	43	58	53	66	58	45	60	49·5
1898	72	80	46	30	33	43	69	63	62	36	53	83	55·9
1899	81	61	57	60	34	44	43	56	68	73	86	63	60·5
1900	31	24	32	30	46	38	53	52	52	74	45	62	45·2
1901	54	50	25	34	18	43	34	41	31	43	52	56	40·1
1902	76	52	33	20	29	32	55	65	61	43	46	33	45·3
1903	56	91	73	62	41	32	50	75	68	43	62	46	57·9
1904	41	29	14	29	41	43	58	58	35	42	56	70	43·2
1905	69	73	27	30	35	29	49	53	56	50	34	64	47·5
1906	64	62	62	38	22	40	52	53	41	35	29	64	46·8
1907	51	46	55	31	38	37	47	74	68	38	23	23	44·3
1908	43	70	16	13	30	31	30	45	54	30	34	49	36·9
1909	52	39	16	20	31	39	51	67	47	49	49	49	42·4
1910	72	58	40	32	34	30	45	34	31	39	40	32	40·5
1911	56	52	49	33	31	28	48	37	58	42	67	35	44·7
1912	33	33	36	42	38	50	30	48	54	36	55	79	44·6
1913	217·9	210·2	237·2	202·8	188·1	211·0	210·4	213·0	186·3	188·7	229·4	255·6	212·6
1914	229·0	234·2	205·8	199·9	211·1	196·5	198·7	202·9	202·6	201·6	188·1	221·7	207·7
1915	196·2	191·3	190·8	205·5	197·5	201·6	209·3	212·3	207·2	175·6*i*	187·8	205·7	198·4
1916	225·8	218·8	174·6	191·2	187·8	194·8	203·5	206·8	207·0	212·2	203·2	195·9	201·9
1917	186·6	186·9	175·6	194·2	192·2	189·3	191·0	189·4	215·8	230·9	225·8	246·8	202·0
1918	219·8	208·6	185·8	168·4	162·8	203·9	207·0	204·7	228·1	216·3	201·4	201·5	200·7
1919	195·3	179·1	180·8	194·8	173·3	202·0	205·8	227·3	220·1	215·1	177·6	202·3	197·8
1920	219·4	217·7	216·1	188·7	202·3	196·6	204·6	209·5	200·2	174·5	193·3	176·0	199·9
1921	221·8	206·4	214·0	202·6	187·6	202·0	215·6	217·9	215·8	218·0	205·8	212·3	210·0
1922	218·6	178·4	204·0	181·3	197·2	209·0	208·2	212·4	201·3	186·0	207·8	224·1	202·4
1923	220·9	202·3	159·6	161·2	193·5	218·9	212·0	222·3	221·0	230·2	235·3	209·4	207·2
1924	186·8	195·9	187·5	192·0	186·2	193·3	212·4	198·9	208·9	200·8	206·4	210·5	198·3
1925	239·6	221·9	182·9	183·7	175·6	198·4	192·8	200·3	216·3	214·3	200·0	207·2	202·8
1926	194·7	176·1	203·3	182·8	176·1	184·8	189·4	205·5	218·0	203·9	202·4	203·9	195·1

MÄNTYLUOTO. The mean values increase upwards; the unit is 1 centimetre.

1910	..	..	..	..	..	..	..	131	129	140	138	129	..
1911	154	150	147	128	127	125	145	133	154	140	163	131	141·3
1912	129	128	131	138	134	145	126	143	147	133	152	175	140·0
1913	217·5	209·3	236·0	201·7	187·4	210·4	209·2	213·1	188·1	189·8	231·0	256·1	212·5
1914	230·0	235·0	205·1	198·7	211·2	197·4	199·5	202·5*i*	202·9	202·6	188·7	222·7	208·0
1915	195·0	190·1	190·9	203·7	199·3	201·6	209·4	212·7	207·4	175·7	186·9	204·2	198·1
1916	224·5	217·3	171·0	189·2	187·8	195·5	203·5	206·5	208·5	214·6	204·1	195·7	201·5
1917	186·3	186·0	173·6	193·8	192·1	188·4	191·0	190·1	217·7	232·4	226·0	245·4	201·9
1918	216·6	206·9	184·3	169·2	162·5	203·5	207·4	205·5	230·0	217·9	204·2	200·3	200·7
1919	193·4	178·0	179·1	193·9	173·0	201·8	206·0	228·1	221·7	214·0	178·4	202·9	197·5
1920	218·2	217·5	215·5	187·9	203·2	197·3	206·7	210·2	201·3	172·9	194·4	175·8	200·1
1921	222·5	205·8	212·1	201·8	187·2	202·9	213·7	218·3	216·1	219·8	205·3	210·1	209·6
1922	217·2	177·9	203·3	179·6	197·1	208·4	208·8	212·5	200·5	186·3	210·1	222·3	202·0
1923	218·8	201·5	158·9	157·2	191·1	217·6	210·3	221·2	220·1	229·1	233·4	208·9	205·7
1924	185·9	195·7	187·5	191·4	186·5	193·2	211·8	198·8	209·7	200·0	204·1	208·0	197·7
1925	..	222·6	184·4	184·9	176·2	199·0	193·1	202·1	218·4	214·2	200·3	208·4	(203·6)*i*
1926	194·9	175·6	203·6	184·0	177·4	186·4	190·2	206·5	216·9	203·2	200·5	203·0	195·2
1927	213·7	194·0	182·7	200·7	203·8	211·3	196·8	200·1	205·6	216·0	207·2	172·1	200·3
1928	193·9	204·2	159·0	169·0	170·5	203·4	225·5	215·5	205·0	202·7	204·3	209·0	196·8
1929	180·6	154·1	176·3	184·3	184·9	199·1	207·5	207·0	207·0	221·4	212·2	214·0	195·7
1930	218·8	179·9	183·1	163·7	170·8	180·7	195·1	204·9	176·7	196·3	234·5	199·2	192·0
1931	194·9	176·9	175·5	174·8	174·0	194·2	208·0	199·3	194·8	212·8	198·3	198·3	191·8
1932	229·6	199·6	177·3	187·7	175·3	187·3	193·0	199·3	214·0	213·4	197·8	206·0	198·4
1933	189·0	195·1	172·8	193·8	175·5	169·9	197·6	210·9	180·4	183·3	180·4	171·4	185·0
1934	199·0	210·3	191·9	154·8	183·8	190·8	188·1	202·5	189·5	219·8	207·6	189·9	194·0
1935	180·9	210·2	183·4	189·6	169·5	185·1	202·1	197·0	197·2	223·5	200·9	199·5	194·9
1936	197·5	175·2	161·8	177·4	162·9	177·1	189·7	198·1	183·6	190·5	206·0	222·3	186·8

( ), the enclosed mean value has been calculated from an incomplete series of observations; *i*, the mean values have been obtained by interpolation or inference.

TABLE B—*continued.*

SÄPPI (SÄBBSKÄR). The mean values increase upwards; the unit is 1 centimetre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1919	..	..	..	..	172·2	200·3	204·9	226·4	221·6	215·0	179·5	195·9*i*	..
1920	..	..	..	185·9	200·0	194·1	204·3	209·1	199·2	172·6	192·0	173·1	..
1921	222·2	204·4	211·6	200·3	184·4	200·7	214·6	217·5	216·8	219·9	206·7	211·9	209·2
1922	217·2	177·2	201·5	178·9	195·2	207·2	205·5	212·1	200·7	185·0	210·5	221·1	201·0
1923	219·6	198·5	157·0	157·7	191·7	216·1	209·6	221·2	219·6	230·3	234·2	206·9	205·2
1924	185·2	193·5	185·7	191·1	184·7	192·5	211·3	198·1	207·6	200·5	204·9	208·7	197·0
1925	241·4	222·2	184·5	184·2	175·6	198·9	192·9	202·0	218·3	217·5	201·5	210·7	204·1
1926	193·9	175·1	201·1	182·5	176·7	185·6	190·0	206·4	217·3	203·9	200·4	204·8	194·8
1927	215·4	194·2	182·6	200·9	203·6	210·3	196·5	199·2	205·5	216·8	207·8	173·6	200·6
1928	193·6	203·9	158·4	168·2	170·3	203·1	225·0	215·0	204·4	202·7	203·9	208·0	196·4
1929	181·1	152·7	175·0	183·4	183·9	198·6	207·4	206·5	207·2	221·9	212·7	214·8	195·4
1930	217·7	180·3	184·0	163·8	171·5	181·5	196·6	206·5	178·2	198·7	237·4	201·5	193·2
1931	196·7	177·5	175·6	175·5	174·3	194·8	208·7	200·6	197·2	214·8	200·2	202·3	193·2
1932	231·8	201·1	177·9	187·9	175·2	187·4	193·6	200·0	214·4	215·0	198·6	207·9	199·2
1933	189·4	195·6	172·3	194·2	175·3	169·8	196·5	210·8	179·9	182·8	181·8	173·7	185·2
1934	200·3	211·7	191·3	154·1	182·7	189·7	187·6	202·0	188·9	220·4	211·4	190·1	194·2
1935	181·4	210·3	182·6	189·2	168·8	184·1	202·5	197·2	197·7	224·6	201·2	200·7	195·0
1936	198·8	175·8	160·9	176·6	162·0	176·3	188·7	197·8	183·6	191·4	206·3	223·5	186·8

RAUMA. The mean values increase upwards; the unit is 1 centimetre.

1933	186·6	194·2	172·0	193·7	175·8	170·0	197·4	211·4	181·4	183·2	180·6	172·1	184·9
1934	197·0	210·5	191·5	154·5	183·7	191·0	189·2	202·4	189·2	219·0	207·4	188·4	193·6
1935	179·6	209·1	183·1	189·2	169·7	184·9	203·3	198·1	198·4	223·2	199·3	198·4	194·7
1936	197·2	175·6	161·5	176·5	161·2	176·4	189·8	197·9	184·7	191·0	204·9	220·9	186·5

LYÖKKI (LÖKÖ). The mean values increase upwards; the unit is 1 centimetre.

1858	266·3	239·6	237·5	248·6	234·9	225·4	242·7	229·6	241·4	258·8	243·4	234·6	241·9
1859	255·6	255·6	271·0	250·5	212·5	220·1	239·6	245·2	240·5	229·6	243·8	230·7	241·2
1860	233·5	233·1	216·7	215·0	217·7	230·4	237·4	239·8	249·7	252·9	224·7	205·7	229·7
1861	212·7	227·8	237·3	217·1	244·5	216·1	229·2	258·9	252·5	224·2	235·6	250·9	233·9
1862	225·2	219·6	204·6	216·8	218·8	236·3	262·8	242·6	222·5	245·1	231·2	214·4	228·3
1863	252·3	273·5	226·8	226·8	228·5	225·8	244·0	249·9	251·5	240·2	255·6	265·7	245·0
1864	239·5	235·6	225·3	219·4	210·5	233·9	236·1	254·2	240·1	226·3	215·1	207·5	228·6
1865	240·0	214·6	201·3	207·8	217·9	233·7	235·9	231·3	239·6	219·7	236·0	233·7	226·0
1866	272·1	271·6	210·5	203·5	219·1	222·9	242·7	245·1	243·7	219·9	257·1	260·3	239·0
1867	229·5	240·2	213·0	228·5	206·5	225·1	241·1	234·7	230·4	244·4	255·6	248·7	233·1
1868	225·5	269·7	251·7	224·0	233·5	239·1	228·4	219·5	236·4	230·1	244·1	229·8	236·0
1869	222·1	255·3	216·6	204·3	217·6	234·2	234·4	237·7	250·0	258·3	262·7	237·1	235·9
1870	225·1	200·5	214·0	211·5	232·2	229·7	239·7	207·8	238·8	222·4	226·6	208·5	221·4
1871	211·2	188·9	226·9	233·4	215·4	214·2	223·1	237·8	222·0	215·1	217·7	229·6	219·6
1872	230·1	195·4	202·7	213·2	213·7	212·0	222·2	224·0	236·6	236·1	229·7*i*	226·3	220·2
1873	245·7	216·6	202·5	192·4	217·9	222·3	230·5	240·2	240·1	257·1	237·4	275·2	231·5
1874	279·4	253·9	222·3	229·9	207·8	232·6	230·5	240·0	245·1	244·7	247·8	225·7	238·3
1875	209·4	208·6	190·8	211·9	223·1	228·9	217·3	216·1	223·2	209·7	204·4	209·8	212·8
1876	222·8	213·2	227·0	210·8	202·2	217·6	233·5	228·8	241·7	223·9	212·8	194·4	219·1
1877	203·4	226·1	220·0	201·0	206·5	219·9	236·3	236·6	236·9	241·1	257·3	236·6	226·8
1878	..	..	..	208·6*i*	208·6	238·9	234·9	220·8	243·6	241·7	229·2	225·3	(230·5)*i*
1879	217·2	203·8	217·3	192·0	204·5	220·3	236·0	227·0	237·9	240·2	230·1	228·5	221·2
1880	239·4	222·5	220·5	197·8	212·4	212·9	220·2	218·2	211·0	225·8	248·9	266·9	224·7
1881	237·5*i*	212·0	207·4	215·3	212·1	221·4	233·4	250·7	220·7	205·4	228·5	230·5	222·9
1882	254·6	244·6	251·5	210·4	209·6	221·3	216·9	238·1	216·8	188·5	207·0	193·0	221·0
1883	201·7	198·6	201·7	194·1	205·7	215·1	222·4	233·9	223·9	229·6	241·5	249·3	218·1
1884	247·3	240·8	196·8	181·9	210·3	219·0	219·1	211·2	208·3	234·6	234·6	232·5	219·7
1885	206·9	210·7	216·7	194·1	202·8	225·9	217·4	221·8	229·4	231·6	216·8	245·3	218·3
1886	239·8	193·3	180·6	196·8	201·1	208·0	236·5	232·2	224·0*i*	208·8	201·9	246·3	214·1
1887	212·3	217·8	215·8	208·0	208·3	211·8	226·5	235·7	223·2	233·4	223·6	244·5	221·7

( ), the enclosed mean value has been calculated from an incomplete series of observations; *i*, the mean values have been obtained by interpolation or inference.

TABLE B—*continued.*

LYÖKKI (LÖKÖ)—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1888	220·3	205·5	175·1	186·7	212·7	202·2	216·3	222·6	212·9	238·1	224·1	241·9	213·2
1889	220·9	232·0	203·3	199·3	184·6	200·0	217·4	240·9	219·5	212·4	216·7	221·5	214·0
1890	236·1	213·1	213·3	206·2	195·9	224·0	234·0	228·7	223·2	246·5	221·8	200·2	220·2
1891	198·1	218·7	221·9	186·6	198·6	197·0	209·7	225·0	228·0	223·9	207·3	227·1	211·8
1892	225·4	218·5	184·4	204·0	211·6	213·6	226·3	225·9	232·8	216·3	205·5	218·8	215·3
1893	199·6	202·7	224·6	211·8	195·0	212·2	209·5	221·6	248·9	244·4	246·9	241·5	221·6
1894	223·5	260·5	229·4	187·0	197·6	205·1	215·4	228·9	221·7	204·6	222·9	232·8	219·1
1895	208·0	183·0	205·2	216·2	191·4	200·2	226·5	225·0	234·7	236·1	233·1	222·7	215·2
1896	220·1	229·4	213·2	204·8	208·1	211·0	223·3	218·4	210·0	219·9	211·9	196·8	213·9
1897	188·9	210·7	200·2	201·6	204·1	203·9	219·3	212·9	233·7	223·6	210·1	225·2	211·2
1898	237·3	243·0	210·2	194·5*i*	196·1	207·8	236·2	227·0	227·1	200·4	215·3	250·3	220·4
1899	237·4	224·2	218·8	222·7	197·8	208·3	206·9	220·7	237·6	236·8	252·3	227·0	224·2
1900	191·4	188·8	194·5	192·5	207·5	202·2	214·0	216·0	219·0	240·1	206·7	225·3	208·2
1901	213·6	211·1	184·7	196·7	179·3	204·3	198·8	209·7	196·5	211·6	218·5	220·2	203·8
1902	241·7	217·6	201·1	183·6	196·0	200·1	223·8	233·3	227·3	209·1	210·7	198·2	211·9
1903	223·5	256·6	230·2	225·3	203·5	195·4	216·1	242·0	231·9	212·1	226·0	209·3	222·7
1904	203·3	195·1	175·2	188·2	204·4	207·7	222·6	225·3	201·5	205·7	222·9	235·5	207·3
1905	232·7	233·7	189·2	195·4	198·0	193·6	216·8	222·5	224·2	221·6	200·0	232·2	213·3
1906	229·1	226·0	230·9	201·1	185·8	203·4	215·0	216·9	203·8	198·0	193·6	231·7	211·3
1907	213·3	207·9	218·6	195·2	202·4	201·0	213·8	240·0	230·8	201·2	188·1	188·5	208·4
1908	208·4	227·0	177·2	175·6	193·8	196·4	197·6	212·7	221·8	197·0	198·3	215·4	201·8
1909	214·9	205·2	180·1	185·6	195·1	202·8	218·4	232·8	215·7	214·4	215·2	215·3	208·0
1910	236·8	220·9	203·9	196·5	197·1	193·5	210·9	202·8	198·9	208·5*i*	210·7	197·9	206·5
1911	222·4	219·8	211·9	195·9	192·1	192·1	214·3	203·4	225·2	211·7	232·3	200·4	210·1
1912	196·1	199·1	198·8	206·4	201·6	213·3	193·5	214·0	227·0	199·9	219·0	243·8	209·0
1913	216·4	210·5	237·1	200·0	186·1	209·3	213·0	215·5	187·1	189·5	228·8	259·8	212·8
1914	229·0	234·2	206·1	198·8	207·6	196·2	199·8	202·7	203·6	203·7	188·9	223·5	207·8
1915	195·1	188·4	190·3	201·8	194·1	200·0	209·8	213·2	208·1	174·9	190·0	205·8	197·7
1916	223·0	214·7	172·4	188·6	187·0	196·0	203·3	207·8	206·0	214·5	202·2	196·9	201·0
1917	185·4	182·9	173·3	192·7	189·3	188·4	191·2	192·3	219·0	232·2	227·2	247·3	201·8
1918	216·4	203·1	179·6	167·0	162·9	204·9	209·6	207·6	230·1	219·0	203·5	201·8	200·5
1919	193·3	179·9	178·3	193·7	174·4	202·3	207·5	229·3	220·9	215·7	177·7	202·1	197·9
1920	217·6	215·3	210·6	185·7	202·3	196·2	205·8	212·4	201·9	174·8	191·9	175·2	199·1
1921	222·2	205·1	210·8	202·3	186·6	201·8	216·4	219·4	217·2	220·0	207·8	211·5	210·0
1922	217·8	178·1	203·3	180·2	197·4	209·6	208·8	214·3	202·1	187·5	210·6	222·0	202·6
1923	218·7	198·0	159·4	160·0	193·2	217·8	211·8	224·3	219·9	231·7	234·7	208·3	206·5
1924	186·2	196·3	187·3	192·5	187·3	195·3	213·6	200·4	209·1	202·1	205·4	207·4	198·6
1925	239·2	223·1	186·5	185·5	176·9	200·6	195·1	203·4	220·7	216·8	203·1	210·5	205·1
1926	195·7	176·8	204·3	184·7	180·1	187·9*i*	192·3	209·5	217·9	205·7	201·1	204·0	196·7*i*
1927	213·8	194·5	184·1	201·4	204·9	211·4	199·5	201·8	207·3	218·2	209·0	173·9	201·6
1928	193·7	202·8	159·5	170·8	172·5	205·2	225·5	217·4	206·7	205·5	206·8	210·1	198·0
1929	182·7	154·3	178·2	185·9	186·5	201·2	209·1	208·3	208·9	222·6	213·0	214·7	197·1
1930	217·2	179·8	184·2	166·6	173·0	182·6	199·2	209·2	179·6	199·6	237·1	199·5	193·9
1931	197·9	177·2	178·0	176·8	175·9	194·8	209·0	200·3	198·4	215·1	199·5	201·3	193·7
1932	229·5	202·9	178·9	187·9	178·0	188·9	194·4	200·9	213·3	214·6	199·9	207·0	199·7
1933	189·2	196·3	173·9	195·9	178·2	172·2	198·6	212·6	183·5	184·9	183·3	175·2	187·0
1934	198·6	213·1	193·2	156·1	185·5	193·3	191·9	204·6	191·6	221·0	209·2	190·6	195·7
1935	181·9	211·2	185·1	191·3	171·3	186·5	205·7	200·1	201·0	226·3	201·7	201·0	196·9
1936	200·2	177·9	163·2	179·5	165·0	179·2	190·7	199·5	187·8	195·0	207·7	222·8	189·0

LYPYRTTI (LYPERTÖ). The mean values increase upwards; the unit is 1 centimetre.

1858	259·9	233·8	230·2	243·4	228·6	218·7	236·1	224·5	235·0	251·5	238·6	228·0	235·7
1859	248·2	248·7	267·6	245·8	208·7	216·6	236·4	241·3	236·1	225·6	239·9	225·6	236·7
1860	228·9	226·7	211·5	211·1	214·4	226·6	231·9*i*	236·0	245·3	247·0	221·4	201·9	225·3
1861	209·9	222·3	232·2	213·8	240·4	212·6	225·9	254·0	249·4	218·6	230·8	245·8	229·6
1862	221·9	215·1	200·2	213·6	215·7	232·2	256·1	238·8	219·9	240·1	226·4	211·4	224·3
1863	248·1	269·7	222·4	222·3	225·2	222·4	240·0	245·5	246·4	235·4	250·9	264·1	241·0
1864	234·3	231·0	222·0	217·1	208·7	230·7	233·8	251·9	237·5	223·9	213·1	205·1	225·8

i, the mean values have been obtained by interpolation or inference.

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TABLE B—*continued.*

LYPYRTTI (LYPERTÖ)—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1865	237·2	210·1	197·1	205·0	213·6	230·0	232·1*i*	230·5	235·4	217·1	233·4	230·8	222·7
1866	267·2	268·2	207·2	202·6	217·4	220·4	238·3	240·0	238·3	217·1	254·2	256·8	235·7
1867	226·3	238·6	208·5	225·6	202·0	224·2	236·7	233·0	227·4	240·9	249·0	240·2	229·4
1868	221·2	266·8	247·2	222·0	229·5	237·9	225·8	217·1	232·9	226·8	240·7	227·7	233·0
1869	218·9	252·0	214·4	204·0	217·5	232·7	233·2	236·2	246·3	252·8	259·0	234·4	233·4
1870	224·4	195·2	211·7	208·8	230·5	227·4	237·1	208·4	236·8	224·2	225·8	207·5	219·8
1871	207·4	187·6	224·9	231·5	214·8	216·1	222·4	236·8	221·3	213·2	215·6	227·4	218·2
1872	225·8	192·2	199·8	210·7	210·8	211·3	220·1	223·0	235·1	234·1	230·2	223·3	218·0
1873	242·9	214·8	201·0	192·7	217·4	221·4	229·1	239·8	237·6	255·4	235·6	273·8	230·1
1874	277·3	249·0	220·3	227·3	206·6	228·1	227·7	236·5	240·5	242·0	243·8	224·0	235·3
1876	..	(..)	(..)	(..)	(..)	221·3*i*	233·1	228·9	240·8	224·9	214·4	194·1	(217·6) 218·1
1877	200·9	222·9	220·6	207·1	207·9	219·6	233·2	234·6	235·1	238·0	251·6	232·9	225·4
1878	229·8	235·2	244·6	207·9	206·7	237·1	234·7	220·2	239·4	239·2	227·8	225·0	229·0
1879	216·7	203·9	217·4	197·2	203·3	218·6	234·1	225·4	234·6	236·9	228·8	222·5	220·0
1880	237·0	219·6	217·3	196·1	209·9	211·5	219·7	216·8	209·5	225·0	247·8	263·0	222·8
1881	235·9	206·2	205·7	212·5	210·5	221·2	230·3	247·5	221·7	207·6	226·3	229·7	221·3
1882	253·8	242·4	249·7	209·0	210·0	222·6	218·9	236·8	216·2	186·2	203·5	188·1	219·8
1883	200·6	197·2	204·8	193·0	205·7	214·5	220·8	232·6	221·7	227·8	239·1	247·5	217·1
1884	245·8	238·7	193·3	180·3	209·4	217·5	219·2	213·2	207·8	232·3	234·3	231·9	218·6
1885	205·9	207·3	215·4	194·8	202·3	224·5	216·1	220·4	226·5	229·6	215·6	244·8	216·9
1886	234·8	188·8	177·7	196·4	198·9	205·6	233·2	228·6	221·5	205·7	201·1	245·2	211·5
1887	207·7	214·3	213·4	206·9	205·5	212·9	224·3	232·9	220·3	231·4	220·3	241·4	219·3
1888	217·3	202·9	174·6	186·9	212·5	202·0	215·1	221·3	212·6	235·9	222·2	239·4	211·9
1889	217·0	228·7	199·6	198·0	183·5	199·8	216·1	239·2	221·0	210·9	215·0	217·5	212·2
1890	233·3	211·5	212·1	205·8	195·6	223·0	230·5	225·8	220·2	244·7	221·7	199·0	218·6
1891	195·8	216·3	217·1	185·0	200·4	195·7	207·9	223·0	225·6	220·0	203·4	223·3	209·5
1892	221·2	217·7	182·7	201·7	212·2	212·8	226·8	224·4	229·0	212·0	203·5	217·2	213·4
1893	197·8	200·4	222·8	210·8	194·0	209·4	209·5	220·1	245·1	243·3	245·6	237·6	219·7
1894	218·8	258·1	235·7	184·9	194·5	204·1	213·3	226·5	218·0	202·3	221·5	230·6	216·5
1895	205·9	181·7	202·5	213·7	190·7	198·4	226·7	223·3	232·9	231·3	231·8	218·6	213·1
1896	216·2	226·4	209·2	202·7	207·0	210·6	222·1	216·7	208·7	215·4	211·8	194·5	211·8
1897	186·1*i*	211·0	197·8	200·5	202·7	202·6	219·3	211·5	230·7	221·6	210·8	227·9	210·2
1898	236·5	241·0	209·3	192·7	196·4	206·1	235·2	225·2	224·8	198·8	214·9	250·2	219·3
1899	238·0	221·5	217·2	220·3	197·2	207·2	206·0	218·9	233·2	241·4*i*	252·7	226·6	223·4
1900	192·0	184·9	193·5	190·3	206·4	203·5	214·5	215·1	217·4	237·7	206·6	224·9	207·2
1901	213·5	211·7	186·6	196·8	180·5	208·7	197·8	205·3	197·2	209·9	223·5	221·6	204·4
1902	239·2	211·6	197·7	181·2	194·3	197·7	222·2	230·8	222·1	207·7	207·3	197·3	209·1
1903	221·0	252·1	228·0	226·2	206·2	193·8	213·8	241·7	232·4	212·2	225·6	207·7	221·7
1904	202·5	194·6	176·3	191·4	205·0	207·2	223·6	225·5	201·2	207·2	224·8	235·0	207·9
1905	233·1	234·2	187·0	191·2	193·8	190·5	213·2	219·1	221·4	218·1	197·3	231·0*i*	210·8
1906	225·7	221·1	228·0	199·2	187·4	204·1	215·1	216·5	204·0	195·0	194·2*i*	229·6	210·0
1907	213·7	205·2	214·4	191·7	200·3	198·9	212·4	237·4	229·1	198·1	186·8	187·3	206·3
1908	205·4	230·9	176·3	172·7*i*	188·8	193·1	193·6	206·3	218·5	193·5	196·0	212·3	199·0
1909	212·9	200·1	177·6	183·2	195·8	203·2	216·1	230·4	211·2	212·9	214·9	211·4	205·8
1910	237·5	215·9	201·3	196·3	195·0	192·2	211·6	201·7	197·5	203·2	209·1	197·9	204·9
1911	223·1	220·0	208·3	198·1	192·4	190·6	212·3	199·9	224·6	209·9	231·0	197·3	209·0
1912	193·8	196·0	196·3	204·5	204·2	213·6	192·0	213·6	219·9	201·9	219·1	244·2	208·3
1913	193·7	198·9	235·9	200·1	187·2	207·7	213·3	215·9	185·4	189·7	229·4	256·6	209·5
1914	224·0	222·0	203·3	199·0	209·0	195·5	200·6	202·4	202·7	203·3	186·5	222·4	205·9
1915	195·0	189·1	191·2	203·0	196·5	200·8	209·4	214·3	210·4	176·1	190·6	206·3	198·6
1916	222·1	214·2	169·3	187·9	188·6	195·6	204·2	207·7	206·2	214·9	200·8	196·2	200·7
1917	184·8	182·7	172·5	192·5	188·5	187·7	191·3	191·3	217·9	230·8	227·3	246·7	201·2
1918	218·2	204·7	181·6	168·1	161·7	205·8	209·5	208·6	230·0	217·6	201·8	201·9	200·8
1919	192·9	178·5	176·7	192·7	174·8	202·8	206·0	229·2	218·8	214·7	178·0	203·6	197·4
1920	216·1	214·9	211·4	186·9	202·0	195·9	204·9	211·4	201·9	173·9	191·1	172·8	198·6
1921	221·0	204·8	210·4	201·5	185·5	201·0	215·7	218·3	216·8	219·3	207·1	212·5	209·5
1922	218·4	177·5	202·1	178·5	195·4	207·8	207·2	212·1	200·9	186·0	209·8	220·2	201·3
1923	217·5	197·8	158·7	158·9	191·2	216·1	210·4	223·4	219·0	231·3	234·9	209·5	205·7

( ), the enclosed mean value has been calculated from an incomplete series of observations; *i*, the mean values have been obtained by interpolation or inference.

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TABLE B—*continued.*

LYPYRTTI (LYPERTÖ)—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1924	184·8	196·4	187·8	192·1	186·1	194·0	212·7	198·8	207·7	202·0	205·1	206·1	197·8
1925	238·1	221·8	187·1	185·6	176·7	200·6	195·2	204·6	219·2	215·4	202·9	210·0	204·8
1926	194·0	176·1	204·6	184·7	179·9	188·0	191·9	209·2	217·3	205·6	200·2	204·3	196·3
1927	212·7	194·3	183·3	201·6	204·2	211·7	199·9	203·1	206·5	218·2	208·7	175·1	201·6
1928	193·2	202·9	158·9	170·8	173·1	205·8	224·7	218·0	208·0	205·3	207·1	209·1	198·1
1929	183·6	154·7	178·1	187·3	186·4	200·7	209·8	206·5	208·5	222·0	211·5	214·0	197·0
1930	214·8	180·9	184·5	166·9	173·4	182·8	200·2	209·4	180·4	198·7	235·7	198·8	193·9
1931	198·5	176·2	180·1	177·8	176·5	194·5	208·9	200·9	199·4	213·7	198·7	203·1	194·0
1932	229·3	203·7	179·7	188·1	178·6	189·2	194·7	202·1	213·0	214·9	199·9	206·1	200·0
1933	188·1	196·2	173·8	197·0	179·3	173·7	199·4	212·7	185·0	184·6	183·1	175·4	187·4
1934	197·0	212·7	192·4	155·7	185·1	193·2	192·8	204·6	191·1	221·1	209·5	190·9	195·5
1935	182·6	210·8	185·5	191·1	171·0	186·7	205·9	200·8	201·9	224·5	200·5	200·8	196·8
1936	200·4	178·4	164·0	180·6	165·8	179·9	191·6	200·3	187·9	195·8	206·5	221·2	189·4

RUISSALO (RUNSALA). The mean values increase upwards; the unit is 1 centimetre.

1922	217·5	177·8	203·3	180·7	198·1	210·4	209·4	214·1	202·6	189·4	210·4	219·8	202·8
1923	218·6	198·7	159·0	160·7	193·5	218·3	212·1	224·1	220·0	230·8	235·9	209·5	206·8
1924	184·5	197·2	187·1	192·4	186·9	195·6	213·5	199·1	208·3	202·0	205·0	200·3	198·2
1925	239·0	222·6	188·0	186·3	177·4	202·6	195·7	205·3	220·6	218·8	202·5	207·1	205·5
1926	190·2	171·8	202·0	182·2	177·5	186·3	190·0	208·2	214·9	204·4	197·6	203·1	194·0
1927	210·2	191·9	181·0	201·0	204·2	210·3	199·1	202·3	205·7	218·6	207·0	173·3	200·4
1928	191·1	200·8	156·4	168·3	172·6	208·2	228·2	221·3	210·4	207·3	209·7	212·0	198·9
1929	181·1	151·4	176·4	186·2	185·6	199·6	210·8	207·6	209·2	222·0	210·8	212·9	196·1
1930	216·7	179·9*i*	184·5	166·9	173·9	183·4	201·0	211·1	181·2	199·3	237·7	197·2	194·4
1931	199·4	175·0	180·3	178·0	175·9	196·4	208·6	202·2	201·5	216·7	197·4	204·5	194·7
1932	230·4	205·6	180·8	188·4	179·8	190·7	196·2	203·3	215·2	215·3	200·2	206·8	201·1
1933	187·2	197·1	174·3	199·4	180·4	174·4	200·9	214·8	186·2	185·9	184·0	176·8	188·4
1934	197·2	214·3	192·8	157·1	187·1	194·5	195·4	205·0	191·7	221·9	211·2	189·0	196·4
1935	183·1	211·8	186·4	191·7	172·8	187·1	208·1	202·9	202·5	225·3*i*	199·8	200·6	197·7
1936	200·6	179·9	164·9	181·4	167·1	181·0	192·7	200·8	191·1	197·7	206·7	222·8	190·6

HELIGMAN (HELLMAN). The mean values increase upwards; the unit is 1 centimetre.

1920	..	..	..	..	..	..	200·7	209·4	200·4	174·7	186·7	175·2	..
1921	220·3	204·6*i*	206·4	202·0	183·3	200·0	213·0	214·7	213·2	216·5	205·9	208·2	207·3
1922	220·0	177·7	202·9	180·3	194·3	205·6	206·4	212·9	202·6	187·9	206·1	220·1	201·4
1923	215·6	200·7	164·8	159·5	190·7	214·7	209·6	222·3	216·5	228·5	234·0	209·2	205·5
1924	186·0	194·9	181·8	191·4	185·3	193·4	211·5	197·5	202·8	199·3	201·9	201·5	195·6
1925	233·4	221·2	186·0	184·4	176·0	199·2	193·4	202·8	217·9	216·5	201·8	208·9	203·4
1926	196·1	176·1	202·0	183·6	178·2	187·0	191·8	207·3	216·4	205·7	199·1	202·6	195·5
1927	212·7	194·6	183·3	199·4	204·0	209·1	198·2	199·4	205·9	217·1	209·7	176·8	200·8
1928	194·8	202·1	162·9	170·3	173·2	203·2	222·3	216·8	206·1	205·5	207·5	208·0	197·7
1929	184·2	156·5	175·3	185·9	185·7	198·5	207·0	203·7	206·0	218·6	210·6	212·4	195·4
1930	212·3	181·7	181·7	167·0	171·5	180·9	197·8	207·4	181·4	198·7	233·2	200·1	192·8
1931	200·2	177·4	179·4	177·6	175·0	193·0	206·9	199·4	199·9	212·3	199·6	202·8	193·6
1932	225·5	203·7	179·3	188·0	178·2	187·4	193·9	200·8	210·2	214·5	196·9	204·2	198·6
1933	186·8	195·0	173·7	194·0	177·8	171·7	195·8	210·8	186·4	185·0	185·6	174·7	186·4
1934	194·5	212·0	193·7	154·3	182·9	192·7	190·1	202·3	191·6	219·1	209·0	191·9	194·5
1935	179·1	208·0	185·3	191·9	169·8	184·4	204·1	200·5	200·3	221·3	201·5	202·0	195·7
1936	202·5	181·6	164·6	181·0	165·4	179·4	190·6	198·9	189·0	197·8	207·4	218·5	189·7

STRÖMMA. The mean values increase upwards; the unit is 1 centimetre.

1899	471	455	452	453	432	441	437	454	464	468	486	458	455·8
1900	422	418	427	424	442	433	449	446	448	467	438	457	439·3
1901	447	446	417	427	415	438	432	437	429	440	457	454	436·4
1902	470	449	432	417	429	432	454	462	459	441	441	431	443·1
1903	453	491	463	459	441	432	450	472	466	446	462	440	455·8
1904	434	431	408	423	440	444	459	439	437	440	459	468	440·1

i, the mean values have been obtained by interpolation or inference.

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TABLE B—*continued.*

STRÖMMA—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1905	467	472	422	427	432	428	451	454	457	454	434	467	447·1
1906	459	457	465	437	421	442	451	455	441	432	430	472	446·8
1907	452	442	451	428	437	434	449	473	467	434	420	421	442·4
1908	446	469	413	410	426	429	430	447	455	430	433	449	435·8
1909	445	433	411	420	430	438	451	466	446	448	449	451	440·7
1910	477	452	439	430	433	428	451	437	433	440	440	432	441·0
1911	456	454	445	435	431	427	447	438	460	446	465	429	444·4
1912	413	431	431	444	440	449	430	447	458	438	457	479	442·9
1913	212·8	208·1	231·1	200·9	183·0	207·8	213·2	213·6	186·0	188·4	229·8	256·7	211·0
1914	227·3	228·8	201·1	196·3	207·6	193·8	196·8	205·4	203·6	201·8	184·7	218·7	205·5
1915	192·7	187·8	188·4	200·4	194·1	199·9	206·0	213·3	212·2	176·3	189·9	205·3	197·2
1916	229·4	215·8	166·8	185·2	185·5	193·5	203·2	207·1	206·3	212·9	198·2	190·8	199·5
1917	184·8	182·7	168·9	191·0	187·4	184·3	190·5	188·3	217·4	227·9	227·1	244·2	199·5
1918	217·3	203·3	181·8	165·6	161·0	203·2	208·7	207·3	226·1	217·3	201·1	199·2	199·4
1919	190·5	175·9	175·6	192·5	172·0	200·5	205·8	229·1	217·9	215·4	174·4	201·4	196·0
1920	214·4	211·4	208·3	184·6	199·9	197·0	200·9	210·2	200·9	173·9	188·8	171·1	196·8
1921	222·9	202·8	208·6	200·5	182·7	201·2	216·6	214·6	217·5	220·6	205·1	210·2	208·6
1922	216·3	174·8	204·1	178·2	196·0	207·3	207·2	212·1	200·7	189·3	211·5	220·1	201·5
1923	219·0	197·3	156·5	158·9	187·6	215·1	210·1	224·6	219·5	230·0	238·8	210·6	205·7
1924	191·6	195·4	188·4	190·0	186·5	194·2	212·8	197·7	207·4	200·4	204·6	205·5	197·9
1925	236·6	222·9	188·1	186·6	178·1	202·0	195·4	226·3	220·2	217·7	205·4	208·1	207·3
1926	191·7	174·3	203·8	183·8	178·7	187·1	191·0	210·4	216·2	207·2	198·8	203·6	195·6
1927	213·0	197·4	181·2	200·4	204·5	210·2	199·4	203·7	207·4	221·5	211·7	174·1	202·0
1928	..	..	..	..	..	..	226·5*i*	216·9	210·5	206·1*i*	207·4	210·5	..
1929	181·3	154·0	180·4	190·0	188·8	201·7	211·3	206·6	208·8	220·4	211·5	212·7	197·3
1930	215·5	179·8	183·1	164·6	172·4	181·8	199·9	210·4	180·1	199·0	235·7	194·5	193·1
1931	199·0	172·0	179·8	177·3	174·1	194·2	204·2	200·9	201·6	217·3	195·9	202·8	193·3
1932	231·1	205·7	180·8	188·2	179·7	190·2	195·0	201·9	212·9	215·1	199·2	207·8	200·6
1933	186·2	196·7	174·5	199·9	178·7	172·9	198·5	213·5	186·6	182·5	184·0	176·5	187·5
1934	196·2	214·4	190·5	154·8	184·6	193·2	194·8	202·3	189·9	221·6	211·8	188·5	195·2
1935	182·4	210·6	186·4	191·3	172·3	185·0	206·4	203·0	201·8	223·4	197·9	201·1	196·8
1936	199·8	178·9	165·0	180·1	166·1	179·4	190·1	200·1	191·7	197·8	207·0	220·6	189·7

LEMSTRÖM. The mean values increase upwards; the unit is 1 centimetre.

1889	82	92	65	64	47	63	77	97	85	72	76	76	74·7
1890	95	76	75	69	59	85	92	90	82	108	88	64	82·1
1891	62	79	85	49	65	61	73	87	90	83	69	88	74·3
1892	85	82	47	67	75	78	90	86	87	74	62	84	76·2
1893	62	66	86	76	59	75	73	85	108	105	107	100	83·5
1894	84	121	93	50	61	69	79	89	85	66	84	91	80·7
1895	74	50	69	79	56	63	87	86	97	96	93	83	78·1
1896	78	93	77	69	73	75	85	80	74	78	76	62	76·5
1897	51	69	65	66	67	67	83	76	92	86	74	87	73·7
1898	96	110	76	62	60	71	99	88	93	65	79	113	84·3
1899	107	89	85	87	63	74	70	87	98	101	118	93	89·3
1900	58	52	59	57	73	67	80	78	81	103	72	89	72·8
1901	76	77	53	60	47	69	65	70	63	70	85	88	68·5
1902	104	78	62	47	59	64	86	94	87	71	73	59	73·5
1903	83	116	95	92	70	61	80	104	96	77	89	74	86·2
1904	64	62	42	58	69	73	90	91	67	70	86	97	72·4
1905	96	100	55	59	63	59	81	86	86	84	63	92	76·9
1906	90	90	93	66	54	71	82	85	73	64	58	96	76·3
1907	80	72	85	60	68	65	78	102	95	66	51	54	73·1
1908	69	100	46	40	58	60	61	76	85	60	59	79	66·0
1909	76	71	47	51	61	69	82	96	77	74	81	77	71·9
1910	102	84	69	59	65	58	77	69	62	69	72	62	70·4
1911	84	83	77	60	61	56	78	69	90	75	92	64	74·1
1912	60	62	60	73	69	78	60	79	86	68	81	109	73·8

i, the mean values have been obtained by interpolation or inference.

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TABLE B—*continued.*

LEMSTRÖM—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1913	212·7	206·1	233·7	201·7	185·7	207·9	212·5	214·0	187·6	187·9	226·3	256·4	211·0
1914	228·6	229·4	205·2	196·4	207·3	195·5	199·1	205·5	204·3	204·2	185·1	218·1	206·6
1915	196·8	189·4	190·8	201·8	195·2	201·0	207·4	213·8	211·8	176·8	190·2	209·3	198·7
1916	222·8	218·1	172·4	189·1	187·9	196·3	203·5	211·2	207·3	214·6	199·4	197·0	201·6
1917	187·3	182·6	174·1	193·3	189·8	186·5	193·3	190·6	216·8	225·0	225·4	244·1	200·7
1918	218·1	204·9	180·8	169·5	162·4	204·7	210·1	206·6	226·2	215·8	198·6	200·7	199·9
1919	192·8	179·1	176·6	190·7	174·6	201·2	206·9	228·1	216·4	215·8	177·6	203·7	197·0
1920	217·3	213·3	211·3	185·9	200·0	197·1	202·8	211·6	200·9	173·8	186·7	172·2	197·7
1921	220·7	205·4	207·9	201·9	184·1	201·9	216·1	215·4	215·0	217·3	206·7	209·3	208·5
1922	218·9	179·5	204·5	180·5	195·5	208·5	208·1	213·9	203·2	190·4	206·7	219·9	202·5
1923	217·2	201·7	159·0	159·8	191·7	215·0	210·9	223·7	216·8	229·3	236·0	209·1	205·8
1924	184·6	196·9	187·4	193·0	185·8	193·9	213·4	197·9	204·3	199·1	203·8	200·0	196·7
1925	235·6	222·8	187·2	185·8	177·3	201·9	195·1	204·2	220·4	217·4	204·1	208·9	205·0
1926	195·8	177·6	204·0	186·0	180·3	188·1	192·9	209·6	218·5	206·2	199·5	202·9	196·8
1927	213·4	196·0	184·9	200·0	206·8	211·5	201·1	202·0	206·9	218·4	212·2	176·9	202·5
1928	191·8	204·1	160·6	171·1	174·6	205·7	224·3	219·2	208·4	203·6	207·0	209·7	198·3
1929	185·1	155·6	175·7	188·2	187·1	200·7	210·1	204·7	209·3	218·8	210·5	212·1	196·5
1930	211·3	182·2	182·5	167·9	173·4	163·2	200·1	210·4	182·6	199·8	235·0	199·5	192·3
1931	200·8	178·5	179·5	178·7	177·2	194·4	208·9	201·3	202·4	212·8	199·3	202·5	194·7
1932	220·8	205·5*i*	179·3*i*	188·1*i*	178·6*i*	189·0*i*	195·3*i*	203·2*i*	211·6	215·4	197·3	204·3	199·6
1933	187·8	198·2	175·5	198·6	180·5	174·9	199·2	214·3	198·4	185·8	186·7	174·0	189·5
1934	196·5	212·6	194·6	156·1	185·1	195·9	194·0	205·1	192·8	218·2	209·6	191·8	196·0
1935	181·6	211·2	186·3	193·7	173·7	185·3	207·6	203·3	201·8	221·9	201·5	202·6	197·5
1936	200·5	182·2	164·7	181·1	166·4	179·6	189·9	199·3	190·1	197·1	206·5	216·4	189·5

LOHM. The mean values increase upwards; the unit is 1 centimetre.

1920	..	..	..	..	..	..	208·7*i*	213·7	204·4	176·5	188·4	172·1	..
1921	223·8	205·0	207·1	204·2	185·5	205·2	218·7	219·3	219·1	221·5	209·3	213·2	211·0
1922	221·7	178·9	198·9	184·1	198·9	210·9	209·8	214·8	204·4	191·7	212·2	219·2	203·8
1923	218·1	199·1	163·2	164·0	193·8	217·7	212·7	226·1	221·0	234·1	238·0	211·8	208·3
1924	189·2	194·5	189·4	193·5	187·0	195·2	214·3	199·8	207·8	202·3	205·2	205·0	198·6
1925	239·2	223·0	190·2	187·0	178·7	204·1	197·5	207·5	222·2	219·5	206·3	211·5	207·3
1926	196·7	180·9	203·8	188·1	181·1	189·6	193·5	212·3	219·6	208·0	200·1	206·4	198·6
1927	212·2	195·2	183·8	203·4	206·3	212·8	203·1	206·1	209·7	221·5	211·4	178·3	203·7

DEGERBY. The mean values increase upwards; the unit is 1 centimetre.

1924	186·2	197·2	187·3	192·0	185·6	194·5	213·4	199·0	204·5	200·1	203·7	201·8	197·1
1925	235·5	221·3	187·5	185·5	177·3	202·4	195·3	205·3	220·2	218·0	204·3	208·8	205·1
1926	195·2	176·8	203·8	184·8	179·3	187·9	193·0	209·5	217·8	206·4	198·7	203·4	196·4
1927	211·9	195·1	184·6	201·2	205·8	211·3	200·4	201·8	206·6	218·1	209·5	175·2	201·8
1928	192·2	202·5	158·7	170·7	174·5	205·5	224·4	219·4	207·7	205·2	206·7	208·9	198·0
1929	184·4	154·6	176·1	187·1	186·9	200·6	210·0	205·0	208·4	220·3	210·1	211·1	196·2
1930	213·2	181·2	183·4	167·5	173·3	182·9	200·4	210·9	181·9	199·1*i*	235·5	198·0	193·9
1931	199·6	177·3	179·9	177·6	175·6	194·5	208·3	201·4	201·5	215·8	200·9	202·7	194·6
1932	227·1	205·0	180·1	188·9	179·6	190·2	196·0	202·5	212·1*i*	214·4	197·2	204·0	199·8
1933	186·7	196·9	174·4	198·1	180·0	174·4	199·8	214·0	187·7	185·3	184·4	175·1	188·1
1934	194·2	212·5	194·0	155·8	185·2	194·4	194·4	204·7	191·8	219·1	209·2	189·5	195·4
1935	181·2	210·1	185·8	191·9	172·2	186·5	207·9	203·4	202·4	223·7	200·4	201·3	197·2
1936	200·5	181·7	165·3	181·3	166·7	180·8	191·8	199·7	190·6	196·9	205·8	218·0	189·9

KOBBAKLINTAR. The mean values increase upwards; the unit is 1 centimetre.

1885	..	..	..	192·7*i*	198·4	221·7	214·1	217·3	225·4	228·7	210·7	237·2	..
1886	..	..	..	..	196·4	204·2	231·2	227·4	218·9	204·0	197·4	240·1*i*	..
1887	..	..	..	205·4	204·6	211·3	221·3	231·4	220·5	227·1	218·5	237·8	..
1888	..	..	..	..	213·0*i*	201·5	213·5	219·3	209·0	230·7	218·0	235·9	..
1889	..	..	..	..	181·9	197·7	214·1	235·3	219·0	208·7	210·7	212·4	..
1890	..	..	..	203·9	194·4	221·1	227·0	221·9	216·2	242·5	221·3	196·4	..
1891	..	..	..	183·0*i*	197·9	193·3	206·4	221·2	223·3	217·6	202·4	221·7	..
1892	..	..	..	..	208·0	211·5	223·5	220·0	223·5	209·8	199·4	215·7	..

i, the mean values have been obtained by interpolation or inference.

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TABLE B—*continued.*

KOBBAKLINTAR—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1893	..	..	..	..	192·2	208·8	208·0	219·2	241·8	238·6	240·2	232·9	..
1894	..	..	..	184·2	193·8	202·9	212·5	222·8	218·3	199·7	218·2	225·3	..
1895	..	..	..	..	188·9*i*	198·0	222·7	221·1	230·3	229·4	225·7	217·3	..
1896	210·4*i*	..	..	202·5	206·2	208·0	220·4	214·2	206·8	211·9	207·5	193·9	..
1897	..	..	..	..	201·3	201·4	216·1	209·3	225·2	217·1	205·8	219·9	..
1898	..	..	..	191·3*i*	194·0	204·7	232·4	221·1	222·8	197·9	210·9	244·3	..
1899	..	..	..	..	196·2	207·5	203·7	219·7	231·4	235·5	247·4	224·5*i*	..
1900	..	..	..	..	205·8	200·5	213·0	212·7	214·9	235·4	204·9	219·9*i*	..
1901	..	..	..	..	179·7	202·5	198·6	204·2	196·3	205·9	216·1	222·1*i*	..
1902	..	..	..	..	192·5	196·0	218·5	227·7	219·9	204·8	206·0	193·2	..
1903	..	..	229·5*i*	225·5	203·9	196·0	213·5	238·5	229·5	210·8	222·9	205·1	..
1904	..	..	..	..	203·2	206·3	222·6	223·7	200·3	203·9	220·6	232·2	..
1905	..	..	..	192·4*i*	196·1	191·8	214·6	220·6	220·3	219·1	198·2	226·6	..
1906	..	..	..	198·8*i*	186·8	204·2	215·0	217·6	206·3	197·6	194·6	228·5	..
1907	..	..	..	191·9*i*	201·6	198·7	212·3	235·4	227·3	199·8	186·0	188·3*i*	..
1908	..	..	..	..	190·6	192·9	194·9	210·9	218·1	195·0	194·1	213·7*i*	..
1909	..	..	..	..	194·4	202·6	215·9	229·4	209·8	208·0	216·2	211·5	..
1910	230·1*i*	..	..	194·5	198·2	193·4	212·2	204·9	196·8	202·7	207·3	195·8	..
1911	217·3	211·3*i*	208·4*i*	196·2	194·3	190·9	211·9	202·6	224·9	208·5	227·4	197·7	207·5*i*
1920	..	..	..	..	..	..	202·9	211·4	200·7	174·0	186·8	171·8	..
1921	219·8	203·9	208·0	201·5	184·3	201·6	214·7	216·8	215·2	216·8	206·8	210·5	208·3
1922	219·3	177·5	202·8	180·5	196·0	207·8	208·9	214·0	202·7	188·8	207·4	219·5	202·1
1923	213·8	200·1	157·4	159·6	191·6	215·4	210·9	223·9	216·8	229·6	235·1	209·3	205·2
1924	185·6	196·0	186·1	191·4	185·4	193·7	212·8	198·4	203·2	199·2	203·1	201·9	196·4
1926	194·9	176·1	202·6	184·6	180·0	188·2	192·5	209·1	216·6	206·2	200·1	203·1	196·2
1927	211·2	194·5	184·8	200·1	204·8	211·1	199·4	201·1	205·7	217·1	209·2	174·6	201·1
1928	191·7	202·0	158·2	169·8	173·2	204·3	222·5	217·7	206·7	205·5	206·9	208·0	197·2
1929	183·4	154·3	174·6	187·1	186·7	199·6	208·9	204·5	207·7	219·9	210·8	212·1	195·8
1930	212·3	180·4	182·7	167·4	172·7	182·1	200·1	210·2	181·6	199·5	235·3	199·0	193·6
1931	200·0	177·5	179·2	178·2	175·9	193·7	208·6	200·9	200·6	213·4	199·0	203·2	194·2
1932	226·8	204·2	180·1	189·0	178·6	189·5	196·0	202·4	211·4	214·7	198·0	204·2	199·6
1933	187·0	197·0	174·0	197·5	179·7	174·3	199·4	213·4	187·5	185·3	184·9	175·0	187·9
1934	194·7	210·8	194·4	155·7	184·7	193·7	193·9	204·7	191·5	219·2	209·2	191·0	195·3
1935	181·2	210·3	185·3	192·1	171·7	185·4	206·9	202·8	202·5	224·0	201·5	202·6	197·2
1936	202·1	181·4	164·8	180·6	166·1	180·0	191·3	199·3	188·0	196·4	206·1	217·2	189·4

JUNGFRUSUND. The mean values increase upwards; the unit is 1 centimetre.

1858	248·8	220·3	219·2	236·4	217·4	209·4	227·1	212·7	224·3	238·2	227·5	215·2	224·7
1859	237·4	236·6	257·7	239·9	198·0	204·1	229·4	233·4	221·7	214·9	228·6	210·7	226·0
1860	214·2	218·3	202·9	199·2	205·2	215·1	221·7	225·3	235·8	237·2	205·8	189·6	214·2
1861	200·8	210·4	223·4	207·9	230·8	202·0	212·7	247·1	239·6	208·8	219·3	234·8	219·8
1862	212·8	206·3	191·2	203·1	205·4	220·7	248·7	230·0	205·7	233·1	213·1	195·5	213·8
1863	236·9	257·6	213·2	213·7	220·3	212·6	242·0	238·8	239·4	231·2	242·6	256·8	233·4
1864	223·7	220·0	214·0	204·5	203·1	224·2	224·5	250·7	225·4	213·6	203·8	196·1*i*	217·0
1865	223·5	192·1	187·4	195·4	204·7	222·6*i*	224·3	221·0	234·3	202·5	224·6	221·4	212·8
1866	256·0	256·7	200·5	198·0	208·2	207·9	231·9	232·6	230·5	206·4	255·1	248·3	227·7
1867	219·3	221·7	208·7	218·1	194·6	212·1	227·8	225·6	216·1	233·5	244·5	231·5	221·1
1868	211·2	258·5	234·1	209·9	219·1	230·3	216·8	207·8	227·1	212·1	231·5	217·1	223·0
1869	210·0	245·9	212·9	194·0	206·3	225·2	241·1	229·5	238·4	243·6	249·5	221·3	226·5
1870	212·2	193·4	205·1	201·2	223·2	219·5	231·4	203·4	230·4	216·6	216·7	198·9	212·7
1871	202·0	182·1*i*	216·1	224·8	207·2	207·5	215·9	225·4	212·2	203·6	207·8	216·5	210·1
1872	218·4	185·0*i*	199·6	203·2	207·2	204·7	216·7	214·8	227·1	222·2	219·8	211·8	210·9
1873	226·2	208·9	198·1	183·5	207·4	213·3	222·7	230·2	228·2	247·4	225·4*i*	267·4	221·6
1874	270·8	239·3	208·8	218·8	199·5	223·5	216·4	228·6	234·2	227·4	236·5	217·0	226·7
1875	204·8	198·4	179·6	209·2	210·3	217·7	207·2	204·3	214·3	196·8	195·7	198·1	203·0
1876	205·9	206·6	218·6	203·2	197·3	205·0	232·6	222·7	235·1	212·0	202·2	182·9	210·3
1877	194·7	211·7	209·3	191·6	198·0	211·3	227·3	228·2	233·8	232·1	245·9	223·9	217·3

i, the mean values have been obtained by interpolation or inference.

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TABLE B—*continued.*

JUNGFRUSUND—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1878	222·2	222·2	235·5	199·6	197·8	229·7	231·2	212·4	232·3	231·7	218·8	217·2	220·9
1879	210·5	198·8	206·3	186·5	196·1	211·9	228·0	220·6	228·2	233·7	224·9	217·1	213·6
1880	226·8*i*	213·2*i*	211·9	193·2	205·4	209·7	214·1	211·6	202·3	224·8	240·6	256·1	217·5
1881	234·6	203·6	204·7	210·9	205·1	214·1	223·8	239·2	213·4	198·4	217·9	216·5	215·2
1882	245·5	236·8	243·6	200·8	200·5	214·7	211·9	226·8	207·3	176·3	196·0	180·3	211·7
1883	194·1	193·2	202·2	186·9	197·5	206·4	213·7	226·0	211·1	219·5	228·6	241·7	210·1
1884	239·9	227·5	183·2	173·8	204·3	211·0	209·2	204·9	198·6	227·5	224·4	221·7	210·5
1885	201·3	198·0	205·5	189·8	198·3	218·9	211·6	211·3	223·7	223·9	209·7	239·9	211·0
1886	232·0	183·8	167·5	188·3	193·6	198·2	226·8	222·9	215·8	200·2	193·7	237·5	205·0
1887	198·3	209·9	205·7	203·0	201·6	209·6	218·4	228·5	215·8	225·7	213·6	236·0	213·8
1888	212·4	191·9	167·6	178·9	203·2	198·9	210·9	215·5	206·9	230·5	219·8	229·6	205·5
1889	211·8	216·4	201·3	191·7	178·4	194·8	211·8	230·5	213·5	198·4	208·8	207·7	205·4
1890	223·1	204·1	204·4	197·9	188·5	214·9	220·2	218·4	212·3	238·7	214·0	192·4	210·7
1891	186·8	205·7	211·4	179·3	191·9	190·9	202·6	218·3	222·1	213·4	196·0	214·4	202·7
1892	213·1	208·1	176·5	198·2	204·9	206·5	221·3	218·8	223·5	206·7	197·7	211·6	207·2
1893	193·3	186·2	219·4	209·1	190·5	206·2	205·0	215·7	241·3	234·8	235·8	229·8	213·9
1894	212·7	252·2	217·3	178·9	190·0	202·2	209·2	219·0	215·9	196·8	214·8	221·9	210·9
1895	202·1	175·0	202·0	208·7	187·5	194·4	219·8	217·6	228·8	226·2	223·3	211·3	208·1
1896	210·6	221·0	206·1	199·8	205·6	207·0	218·2	214·5	203·4	208·6	207·8	190·2	207·7
1897	180·8	205·5	191·6	193·7	197·9	199·0	213·7	207·5	223·4	215·2	208·0	215·3	204·3
1898	229·0	235·8	204·7	190·6	189·3	202·3	230·9	221·1	221·4	194·8	209·1	245·9	214·6
1899	234·9	221·7	219·2	216·0	196·6	208·2	202·8	217·2	227·1	234·4	247·8	219·9	220·5
1900	185·8	183·1	189·4	188·9	204·1	200·5	211·4	209·6	213·1	231·5	199·2	218·9	203·0
1901	208·9	207·5	182·4	194·1	178·4	201·9	197·8	202·9	192·6	203·0	220·8	216·2	200·5
1902	235·6	210·4	193·8	176·4	190·7	196·1	217·1	222·8	217·1	200·2	204·7	193·4	204·9
1903	215·4	252·8	223·5	222·0	203·4	197·5	211·8	237·7	227·6	209·8	223·7	203·5	219·0
1904	195·6	192·3	171·0	187·7	203·3	208·3	223·7	222·7	199·0	203·0	223·6	232·8	205·2
1905	230·3	233·3	185·2	192·3	194·1	190·6	214·8	217·6	218·5	217·8	199·8	228·6	210·2
1906	222·7	218·9	228·2	198·0	184·7	205·9	214·4	216·5	204·9	194·4	194·1	225·3	209·0
1907	212·9	202·2	214·5	188·9	202·0	197·4	213·1	235·6	229·6	196·8	182·7	185·3	205·1
1908	205·0	230·0	176·5	174·3	190·5	191·0	194·5	211·4	217·7	193·2	196·2	214·1	199·5
1909	207·0	203·5	174·9	184·6	193·6	201·5	216·5	229·5	207·6	207·4	218·3	211·3	204·6
1910	232·0	213·1	199·3	193·6	195·7	193·3	213·4	202·6	198·5	202·5	204·0	191·1	203·3
1911	214·9	216·2	208·1	196·8	195·3	192·2	211·8	201·4	222·9	205·3*i*	227·7	191·1	207·0
1912	191·4	193·9	193·0	206·1	203·8	211·5	192·4	212·9	221·0	197·0	221·0	240·0	207·0
1913	210·4	210·6	232·2	201·3	187·3	209·2	215·7	215·4	189·0	189·9	227·2	261·8	212·5
1914	228·3	226·6	203·2	196·0	207·4	194·1	199·5	205·5	205·5	200·0	183·3	215·9	205·4
1915	192·1	187·3	188·8	200·7	196·3	200·4	207·9	213·7	213·7	175·3	190·7	207·5	197·9
1916	223·3	213·3	169·1	186·9	188·3	195·7	205·9	210·3	207·0	216·7	199·0	194·7	200·9
1917	186·5	188·3	173·1	192·8	189·3	187·7	194·1	192·3	220·5	228·8	227·1	244·9	202·1
1918	231·3	206·1	183·9*i*	172·7*i*	163·7	208·5	209·9	209·7	225·0	215·0	199·5	199·0	202·0
1919	189·0	178·1	180·1	195·0	173·3	203·4	208·5	231·8	218·7	218·5	179·1	203·6	198·3
1920	216·7	216·4	211·7	186·7	201·7	197·6	205·3	210·9	200·7	174·9	189·2	172·1	198·7
1921	222·7	205·9	210·5	202·1	185·1	205·5	217·2	216·5	222·3	221·4	205·6	213·0	210·6
1922	218·1	180·9	203·6	182·3	197·4*i*	211·1	210·3	213·6	204·2	191·5	210·6	220·3	203·6
1923	218·7	198·5	159·4	162·1	192·9	217·7	211·8	226·3	219·5	231·9	236·9	210·4	207·2
1924	187·4	200·5	188·3	193·6	187·3	197·0	215·2	200·1	208·0	203·7	205·3	206·7	199·5
1925	239·5	224·9	191·1	188·7	179·3	205·1	197·1	207·2	222·9	221·1	206·8	212·5	208·0
1926	194·4	176·1	203·9	187·0	180·3	190·0	194·0	212·4	218·5	208·8	200·1	205·4	197·6
1927	209·7	195·8	183·6	202·7	208·0	212·7	202·7	207·1	208·7	224·0	211·2	177·9	203·7
1928	194·4	203·7	158·6	171·7	178·1	209·5	226·7	220·5	210·3	208·2	209·1	213·1	200·3
1929	187·1	153·9	182·5	189·1	189·7	201·9	212·0	208·3	212·3	224·3	212·5	214·0	199·0
1930	214·0	182·9	184·3	169·2	177·0	185·5	204·9	215·3	184·1	201·3	241·3	197·8	196·5
1931	201·5	180·3	184·5	180·2	178·3	197·9	200·1	204·9	205·1	219·4	198·6	207·3	197·3
1932	232·9	206·3	185·7	191·3	183·5	193·7	197·9	206·5	216·3	218·6	202·9	208·5	203·7
1933	188·2	197·8	177·6	201·9	183·4	177·3	201·8	217·3	190·4	187·8	187·7	180·6	191·0
1934	200·2	217·5	193·3	157·7	187·5	197·1	198·6	205·9	193·7	222·8	214·3	190·6	198·3

i, the mean values have been obtained by interpolation or inference.

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TABLE B—*continued.*

HANKO (HANGÖ). The mean values increase upwards; the unit is 1 centimetre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1897	83·26	109·58	95·22	98·39	112·33	103·08	116·95	110·19	128·95	119·65	114·42	120·31	109·36
1898	134·20	140·46	106·66	92·82	93·74	105·81	133·48	121·74	126·80	99·55	113·79	150·51	118·29
1899	139·54	123·66	121·33	120·58	100·76	111·23	104·69	121·77	130·44	138·04	153·11	123·67	124·06
1900	88·89	86·01	92·86	91·00	107·89	103·44	114·21	112·43	117·92	135·76	104·03	123·99	106·53
1901	113·94	115·63	84·87	95·52	82·43	103·87	100·62	105·06	97·41	105·18	124·49	119·47	104·04
1902	139·07	113·46	97·27	80·30	94·55	99·60	121·08	126·63	124·51	107·16	109·66	96·74	109·17
1903	118·73	155·10	126·94	125·69	106·68	100·11	114·70	139·97	131·08	112·50	127·20	105·55	122·02
1921	223·6	204·7	209·9	201·6	184·3	203·9	218·2	215·9	220·0	221·8	207·0	213·7	210·4
1922	218·5	177·9	204·5	180·7	197·1	209·9	208·7	213·2	203·5	191·7	210·9	219·5	203·0
1923	217·6	196·7	158·3	161·4	192·2	216·1	211·3	225·8	218·6	230·7	237·1	211·0	206·4
1924	185·5	198·9	188·9	193·7	186·5	195·2	213·2	198·4	207·4	201·3	205·9	204·1	198·2
1925	238·9	222·3	191·0	187·5	178·2	205·1	196·2	206·4	221·2	220·1	206·6	210·2	207·0
1926	192·7	173·8	206·7	185·7	180·5	189·2	192·8	212·0	217·3	208·5	198·9	205·5	197·0
1927	210·6	193·9	183·2	202·9	206·8	211·3	202·5	204·8*i*	207·5	221·9	210·8	177·3	202·8
1928	194·0	203·4	159·5	171·3	177·5	208·2	225·4	221·6	210·3	206·9	208·6	211·4	199·8
1929	185·9	154·7	181·6	190·5	189·0	202·3	211·6	205·5	210·3	222·0*i*	210·0	212·6*i*	198·0
1930	214·3	182·9	186·3	168·7	176·7	184·1	203·2	213·6	183·3	199·8	238·7	196·9	195·7
1931	200·6	174·5	182·4	180·0	177·0	195·8	208·0	202·7	205·7	218·4	196·7	208·4*i*	195·8
1932	232·6*i*	208·8	182·6	190·1	183·0	193·0	197·4	205·5	214·2	215·7*i*	201·5*i*	207·2*i*	202·6*i*
1933	186·7	198·3	176·4	202·9	183·5	177·3	200·4	216·5	190·8	186·2	185·6	178·9	190·3
1934	195·6	217·0	192·7	156·8	187·8	195·9	198·5	204·1*i*	190·9	222·5	213·5	189·1	197·0
1935	184·2	213·3	189·5	193·4	175·5	187·9	211·4	206·5	205·4*i*	225·5*i*	198·6	201·9	199·4
1936	202·1*i*	183·7*i*	166·4	182·6	169·0*i*	182·8*i*	192·2	201·6*i*	194·5*i*	200·5*i*	206·7*i*	220·2*i*	191·9*i*

UTÖ. The mean values increase upwards; the unit is 1 centimetre.

1866	249·9	249·8	193·1	188·1	202·5	204·5	226·6	226·8	222·5	201·9	240·2	242·9	220·7
1867	212·8	224·2	193·1	214·2	190·6	209·4	223·6	219·8	213·3	224·4	242·5	230·5	216·5
1868	208·4	251·0	230·5	205·3	214·9	222·3	212·7	202·0	221·5	212·3	227·9	213·5	218·5
1869	203·2	238·5	200·8	189·2	202·6	219·1	220·5	221·5	231·7	238·7	245·2	218·2	219·1
1870	208·9	180·7	197·7	195·7	216·8	215·5	225·2	200·2	225·1	213·6	213·7	195·1	207·4
1871	193·0	173·1	208·9	217·0	201·1	201·4	206·8	221·6	208·8	197·5	200·7	215·4	203·8
1872	210·4	178·1	185·9	197·9	198·0	198·2	209·4	210·4	222·7	217·4	215·6	207·7	204·3
1873	227·2	199·7	186·3	181·3	203·9	208·5	216·4	225·0	223·7	238·6	221·2	261·5	216·1
1874	260·4	237·4	206·8	214·2	195·2	216·9	215·4	225·3	228·5	224·8	231·0	212·5	222·4
1875	194·4	194·4	176·5	199·0	208·2	213·1	203·0	202·1	209·7	195·0	188·5	194·5	198·2
1876	202·9	195·7	215·0	200·3	194·2	208·0	225·2	219·2	230·6	215·1	204·1	182·3	207·7
1877	191·0	215·0	209·6	192·1	197·7	210·0	225·2	228·0	229·7	227·9	241·0	221·3	215·7
1878	222·4	228·0	238·0	199·3	197·9	230·1	230·4	212·6	232·3	230·2	220·2	218·9	221·7
1879	208·7	194·9	206·9	184·2	196·4	212·4	228·7	218·9	226·4	232·0	224·5	217·0	212·6
1880	230·4	213·4	215·1	192·6	205·9	207·9	214·2	213·7	204·2	221·7	242·3	259·3	218·4
1881	232·0	200·7	200·0	208·3	202·7	212·5	222·1	239·1	213·5	199·2	217·6	219·9	214·0
1882	247·1	236·7	243·2	200·3	201·4	214·7	211·1	228·5	208·7	176·5	197·0	180·6	211·9
1883	194·5	190·1	198·6	186·2	196·9	206·1	213·5	225·8	215·5	218·4	230·0	240·5	209·5
1884	239·2	231·5	185·9	171·5	205·4	210·8	211·8	206·0	199·2	226·2	226·0	225·4	211·6
1885	198·2	199·1	210·4	187·5	193·5	218·2	209·7	213·7	222·4	223·0	209·6	237·2	210·2
1886	227·8	181·4	168·8	190·1	191·8	200·3	228·0	224·6	217·2	199·3	193·4	235·8	204·9
1887	198·4	208·7	207·2	200·8	200·3	209·3	217·9	227·6	216·1	226·1	214·2	235·5	213·5
1888	210·4	197·1	169·2	180·3	206·5	197·4	209·5	214·6	206·3	228·4	215·0	230·0	205·4
1889	210·4	224·8	194·0	193·3	177·3	194·4	212·1	231·3	215·5	202·8	207·6	209·6	206·1
1890	224·7	206·4	205·1	198·9	189·1	217·7	222·5	218·5	214·3	240·4	213·7	192·4	212·0
1891	190·7	209·9	210·3	175·5	188·7	185·7	200·6	215·9	219·3	211·1	195·7	215·7	201·6
1892	216·8	211·0	176·7	195·5	202·9	207·3	220·1	216·2	219·8	205·0	195·4	212·8	206·6
1893	192·4	194·7	216·1	204·7	188·3	205·0	203·6	214·9	238·7	234·0	235·2	227·9	213·0
1894	211·7	250·9	218·1	178·5	188·1	200·8	208·1	220·3	215·5	196·5	213·6	222·2	210·4
1895	201·0	178·0	197·2	207·1	183·6	193·3	217·4	215·8	226·6	224·9	221·4	210·4	206·4

i, the mean values have been obtained by interpolation or inference.

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TABLE B—*continued.*

UTÖ—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1896	209·1	220·8	203·3	198·7	203·6	205·4	217·3	212·7	202·9	206·0	205·8	189·9	206·3
1897	181·0	202·4	191·4	194·8	196·3	197·5	212·5	205·0	222·7	214·3	206·9	214·8	203·3
1898	227·3	236·0	204·1	188·8	189·3	201·7	230·1	217·6	221·6	194·5	209·2	244·3	213·7
1899	234·2	219·3	216·2	216·5	194·8	205·6	201·9	218·0	226·8	234·4	247·9	220·4	219·7
1900	187·7	183·8	187·8	187·3	203·5	198·6	211·7	209·4	214·3	231·9	201·2	219·2	203·0
1901	208·2	209·7	181·0	191·1	177·7	200·0	195·7	202·5	194·1	201·8	219·1	216·6	199·8
1902	233·0	207·6	193·7	175·4	188·7	194·4	215·8	222·7	218·6	201·2	203·5	189·3	203·7
1903	212·2	248·7	224·1	223·6	202·9	195·5	212·6	237·0	227·9	209·4	223·6	202·0	218·3
1904	195·8	194·1	172·7	187·2	201·9	206·4	223·5	223·5	198·8	203·4	222·5	232·4	205·2
1905	227·2	230·5	182·7	191·3	194·8	190·3	214·7	219·4	220·1	216·7	196·0	227·5	209·2
1906	221·8	218·4	229·3	198·1	184·3	204·5	214·6	217·9	205·6	194·5	193·6	228·8	209·3
1907	213·6	205·8	215·1	189·4	201·3	195·7	212·0	234·7	227·1	197·5	182·8	185·1	205·0
1908	204·7	229·5	176·1	173·0	191·1	192·0	195·6	212·7	218·5	195·0	195·0	213·7	199·8
1909	207·6	202·9	177·0	183·7	193·7	202·5	217·3	228·6	209·2	206·9	214·6	210·7	204·6
1910	233·3	213·1	200·5	192·7	195·4	192·4	213·2	203·5	198·4	202·8	203·0	194·7	203·6
1911	214·6	217·1	208·0	195·6	193·2	191·9	212·9	204·2	224·7	209·6	228·6	195·5	208·0
1912	189·7	195·0	194·5	204·9	203·0	213·1	193·8	214·4	223·4	201·4	217·4	240·1	207·3
1913	210·4	204·3	231·8	197·1	184·4	206·4	212·7	215·3	187·6	188·7	225·9	256·7	210·1
1914	224·2	225·1	201·5	195·3	205·5	193·5	197·6	..	..	..	186·1	215·3	..
1915	192·6	187·2	189·0	199·7	193·7	199·2	205·6	212·3*i*	210·8	174·6	189·2	207·3	196·8
1916	222·1	212·6	168·8	186·3	187·3	195·7	204·6	210·3*i*	206·9*i*	214·5	196·2	193·8	199·9
1917	186·5	182·9	167·6	194·4	187·6	185·9	192·0	189·7	217·3	225·3	225·0	243·7	200·1
1918	217·5	202·8	..	166·0	160·2	203·1	208·1	208·8	224·9	214·6	200·6	202·9	..
1919	192·6	185·2	186·4	191·7	176·6	201·4	206·5	227·7	211·8	217·0	173·9	203·8	198·2
1920	212·2	210·4	205·3	182·5	196·8	195·5	205·0	212·8	201·7	175·6	189·1	170·1	196·4
1921	222·1	204·9	209·9	201·2	183·0	202·1	216·9	215·4	217·5	220·5	206·4	211·2	209·2
1922	216·6	178·6	203·5	180·2	197·1	209·3	207·9	213·0	203·1	190·5	209·9	218·8	202·3
1923	216·6	198·6	158·7	159·7	191·3	215·1	210·2	224·1	218·0	229·7	234·1	205·8	205·2
1924	187·0	197·8	187·5	192·9	185·9	194·6	212·3	198·1	206·1	201·3	205·8	204·0	197·8
1925	237·7	222·1	189·3	186·5	178·5	203·1	196·3	206·2	221·4	218·0	205·7	211·4	206·3
1926	195·0	177·3	204·5	185·5	180·0	188·9	193·5	211·3	218·6	207·2	199·5	205·3	197·2
1927	212·1	195·1	184·4	202·5	205·9	211·1	201·1	203·6	207·9	220·4	210·7	178·0	202·7
1928	192·8	204·1	159·4	171·4	175·5	207·3	226·2	219·7	209·2	205·7	208·0	210·3	199·1
1929	185·4	154·9	178·2	188·8	186·9	200·5	211·1	205·7	210·2	221·0	210·1	211·6	197·0
1930	213·0	181·9	183·4	168·7	175·3	183·1	202·1	212·9	182·3	199·0	237·6	196·0	194·6
1931	200·7	178·1	181·9	177·8	176·2	196·3	208·0	201·7	203·4	216·1	196·5	205·6	195·2
1932	228·2	206·6	180·9	188·7	181·1	192·1	198·2	204·9	213·6	215·6	200·7	206·6	201·5
1933	187·6	197·5	175·8	200·2	182·5	178·2	201·0	216·5	188·9	187·2	186·3	177·2	189·9
1934	195·2	215·2	192·3	158·0	187·9	195·9	197·7	206·7	193·8	221·4	213·0	188·5	197·1
1935	181·3	211·7	187·3	191·6	173·1	187·6	210·2	203·1	200·9	226·0	198·5	196·2	197·3
1936	201·3	184·5	171·1	176·0	166·6	181·2	192·2	199·8	191·8	198·2	205·5	217·6	190·5

RUSSARÖ (HANKO, HANGÖ). The mean values increase upwards; the unit is 1 centimetre.

1866	252·9	252·9	206·0	195·8	206·1	206·4	230·4	228·4	223·7	203·6	246·3	246·5	224·9
1867	216·6*i*	229·1*i*	198·9	216·6	195·2	214·1	224·6	222·2	211·4	225·6	243·0*i*	237·1*i*	219·7
1868	222·1*i*	262·2*i*	223·3*i*	209·9*i*	218·3	226·3	215·6	203·2	221·6	209·3	224·5	204·6	220·1
1869	202·6*i*	254·2	215·8	204·2*i*	207·0	219·3	216·9	219·6	229·2	236·8	242·1	213·7	221·8
1870	209·7	189·2*i*	203·8	203·9	219·5	217·0	226·2	199·6	221·2	212·6	211·8	194·4	209·1
1871	205·1	170·0	214·9	227·9	208·0	208·5	212·5	226·2	214·1	201·7	202·8	221·1	209·4
1872	212·7	180·0	189·1	203·1	203·4	202·1	213·2	214·3	226·1	221·3	220·7	213·9	208·3
1873	231·9	206·2	190·9	185·4	209·3	212·9	220·1	228·3	228·7	243·3	225·2	267·8	221·1
1874	266·7	241·6	212·0	218·3	199·8	219·7	218·1	229·1	232·9	230·2	233·7	215·0	226·4
1875	197·1	195·8	179·8	201·9	213·1	216·8	206·1	205·8	211·5	196·2	189·9	197·7	201·0
1876	205·5	196·3	214·9	202·8	196·3	208·9	225·7	219·1	232·6	215·6	203·5	179·4	208·4
1877	188·1	210·7	212·0	191·0	197·6	208·7	224·7	227·4	231·8	229·2	242·1	219·7	215·2
1878	223·2	229·7	238·1	198·8	198·2	229·7	230·3	211·1	232·6	230·9	219·3	218·5	221·7

i, the mean values have been obtained by interpolation or inference.

TABLE B—*continued.*

RUSSARÖ (HANKO, HANGÖ)—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1879	211·1	196·3	209·0	185·3	198·5	212·5	229·0	218·3	223·0	230·9	220·6	215·8	212·5
1880	229·5	210·4	211·7	187·9	201·8	203·3	208·7	209·4	198·8	218·6	241·4	255·8	214·8
1881	231·0	197·3	198·4	205·4	203·6	213·6	222·5	238·1	212·3	197·3	217·9	218·1	213·0
1882	247·7	238·5	243·1	200·5	200·8	214·2	209·1	226·3	205·7	173·0	193·6	177·4	210·8
1883	191·6	186·1	197·5	184·3	196·4	204·5	211·6	223·6	213·0	219·4	225·8	238·8	207·7
1884	238·8	229·8	183·7	170·7	203·4	209·4	209·2	203·9	197·0	223·9	223·5	222·7	209·7
1885	197·2	198·1	209·5	186·4	192·2	215·6	207·7	211·9	219·2	219·0	207·0	238·1	208·5
1886	223·7	175·7	166·4	186·7	189·6	198·9	226·6	223·4	216·4	197·9	191·7	234·8	202·6
1887	197·5	208·9	206·3	201·0	199·4	210·2	216·5	226·9	215·0	225·9	212·5	234·7	212·9
1888	211·8	195·0	167·8	180·7	206·0	198·5	208·6	213·7	206·4	229·4	218·2	229·8	205·5
1889	211·1	224·1	194·5	192·5	177·7	194·9	211·1	230·7	215·0	201·4	208·1	208·6	205·8
1890	223·6	206·3	205·4	196·4	188·2	216·6	220·8	218·3	213·7	241·4	211·7	192·8	211·3
1891	190·3	212·4	211·1	178·9	193·4	190·9	201·5	216·6	221·9	211·2	195·7	217·5	203·5
1892	217·4	211·8	175·1	196·5	204·0	208·2	216,7	216·8	220·6	205·3	195·5	212·3	206·7
1893	192·2	195·8	219·8	209·5	188·5	205·4	204·2	215·3	239·0	235·0	238·6	229·7	214·4
1894	214·7	252·0	218·0	177·9	188·9	202·0	209·4	220·7	217·0	198·1	215·0	222·1	211·3
1895	200·2	176·9	198·2	208·2	184·7	193·9	219·2	216·6	228·7	227·1	224·3	211·0	207·4
1896	212·2	223·1	201·6	197·7	203·7	204·7	217·1	212·7	200·3	..	205·8	189·2	(206·3)
1897	178·9	204·4	190·5	194·0	196·8	198·3	212·5	205·4	224·5	215·0	210·4	216·5	203·9
1898	231·5	236·1	202·6	188·3	188·5	201·1	230·0	218·3	222·5	195·4	210·3	246·9	214·3
1899	236·4	219·8	216·9	216·6	196·5	206·5	201·3	218·1	227·0	235·1	249·5	218·7	220·2
1900	184·8	181·9	189·4	187·7	203·5	199·4	210·5	207·9	212·4	232·2	200·3	221·4	202·6
1901	210·2	211·7	181·6	192·0	178·7	200·6	197·0	201·4	192·6	201·9	220·4	215·4	200·3
1902	235·5	209·6	193·7	177·4	191·1	195·4	217·5	222·9	221·2	203·2	206·1	190·3	205·3
1903	213·8	251·5	223·1	220·5	201·9	196·1	210·8	236·3	227·6	208·0	223·2	201·0	217·8
1904	195·2	192·3	169·5	185·3	201·6	205·6	222·6	221·6	197·8	202·3	222·8	230·9	203·9
1905	229·5	234·3	183·1	191·0	194·7	189·9	214·2	217·7	218·7	218·7	196·5	229·2	209·8
1906	222·9	217·5	228·8	197·9	184·1	204·9	213·5	218·3	204·4	193·1	193·1	228·8	208·9
1907	214·5	202·5	214·3	189·9	201·6	195·6	211·7	235·1	227·8	195·0	181·2	181·9	204·2
1908	206·8	230·6	173·1	172·5	189·6	190·8	193·7	210·5	216·7	191·6	194·1	211·6	198·5
1909	207·1	201·7	172·3	183·4	193·8	200·7	216·0	228·7	208·1	207·5	215·1	210·8	203·7
1910	235·7	212·0	201·4	192·3	195·6	190·3	212·6	200·4	195·1	201·0	198·2	192·4	202·2
1911	217·7	216·5	206·2	196·2	192·8	190·3	209·9	200·9	222·5	207·6	227·2	191·0	206·6
1912	190·9	193·3	192·6	205·6	202·7	209·6	190·7	210·9	219·2	198·2	216·6	240·3	205·9
1913	210·8	206·4	234·6	199·5	184·5	208·7	213·9	213·7	186·0	188·7	227·5	257·7	211·0
1914	226·8	227·1	201·5	196·9	205·5	193·6	196·9	..	..	..	184·1	215·0	..
1915	191·0	186·7	189·2	200·5	196·1	201·2	206·0	213·5	213·6	174·8	191·1	205·0	197·3
1916	224·6	213·0	216·8	185·1	187·4	196·2	205·0	209·7	206·3	207·7	197·5	192·0	199·2
1917	186·3	186·0	170·5	192·0	188·8	185·7	192·9	189·8	218·3	225·7	226·7	244·1	200·5
1918	218·5	..	..	..	..	..	209·6	210·4	226·9	216·9	199·4	199·8	..
1919	188·7	178·5	175·7	193·0	173·5	201·5	206·8	229·2	217·1	217·8	174·9	199·9	196·3
1920	212·5	213·3	208·2	185·6	199·0*i*	197·2	203·1	210·0	201·1	174·0	189·8	169·7	196·8
1921	223·0*i*	204·7*i*	209·8*i*	201·7	183·2	204·2	218·1	216·6	220·1	222·6	208·0	213·4	210·3*i*
1922	219·5	176·4	204·7	180·9	198·2	210·7	209·2	213·2	204·2	192·5	211·7	220·3	203·5
1923	217·9	197·0	158·6	161·3	192·3	216·6	211·4	225·5	218·9	230·7	237·1	211·1	206·5
1924	185·0	199·6	188·7	193·3	186·5	195·7	213·8	198·5	207·5	201·5	206·4	205·4	198·5
1926	193·5	174·7	206·8	185·9	181·4	189·4	193·4	213·1	217·5	208·9	199·6	206·3	197·6
1927	212·3	194·5	183·4	203·7	206·3	211·6	202·8	205·5	207·9	223·7	211·0	177·4	203·9
1928	195·1	203·9	159·8	171·2	177·2	208·7	225·9	221·7	211·0	206·9	209·6	212·6	200·3
1929	186·1	154·1	181·7	190·6	189·0	202·4	211·9	206·4	210·3	222·8	210·4	212·8	198·2
1930	215·0	183·2	186·3	168·1	176·9	184·3	203·8	213·7	183·3	200·9	239·7	196·4	196·0
1931	201·3	174·9	182·1	180·3	176·7	196·7	207·8	203·2	206·9	219·4	196·8	208·2	196·2
1932	233·6	208·4	182·4	190·3	182·4	192·9	197·6	206·1	214·7	216·8	201·3	207·6	202·9
1933	186·9	198·6	176·6	202·4	183·0	177·0	200·7	216·4	190·0	186·3	185·2	178·6	190·1
1934	197·1	217·0	191·8	156·6	187·7	195·6	198·5	204·3	191·8	223·3	212·9	188·7	197·1
1935	183·9	213·2	189·0	192·4	175·1	187·8	211·4	206·1	204·3	226·3	198·1	201·4	199·1
1936	202·2	182·8	166·4	182·2	168·7	183·0	192·2	201·6	194·6	201·0	206·8	221·8	191·9

( ), the enclosed mean value has been calculated from an incomplete series of observations; *i*, the mean values have been obtained by interpolation or inference.

TABLE B—*continued.*

TVÄRMINNE.

The mean values increase upwards; the unit is 1 centimetre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1921	227·1	208·7	214·1	204·5	187·1	207·1	221·2	218·9	222·9	224·3	209·5	217·4	213·5
1922	221·4	182·6	209·7	186·4	201·2	213·9	211·8	216·4	206·4	195·4	214·4	223·2	206·9
1923	221·3	200·1	162·2	165·1	195·7	220·3	215·5	229·6	223·1	234·9	240·9	214·7	210·3
1924	187·5	203·0	193·4	197·3	190·8	199·0	217·0	202·1	212·3	204·9	209·9	207·9	202·1
1925	242·4	224·4	194·2	224·7	181·5	192·1	200·2	210·8	225·2	223·6	211·1	214·5	212·0
1926	198·6	180·8	211·8	188·8	183·8	193·1	196·8	216·0	220·2	211·5	202·0	210·4	201·2
1927	214·4	198·3	186·3	207·4	210·4	215·6	207·3	209·2	210·7	226·3	214·0	180·4	206·7
1928	196·2	208·8	164·5	176·0	181·1	213·0	229·1	225·2	213·5	210·2	211·3	214·4	203·6
1929	188·0	157·4	189·1	195·4	193·4	206·9	215·4	209·2	215·2	224·8	212·7	214·9	201·9
1930	215·4	187·0*i*	189·5	171·9	180·1	187·8	206·5	217·3	186·6	202·7	241·5	197·8	198·7
1931	204·3	179·0	186·3	183·8	179·8	199·8	210·4	206·4	208·5	221·8	198·6	210·4	199·1
1932	236·1	212·0	186·3	194·6	186·6	196·3	200·8	209·3	217·9	219·6	205·0	210·8	206·3
1933	189·0	202·3	181·2	206·6	186·5	180·3	204·4	219·2	193·7	189·1	188·4	181·6	193·5
1934	200·3	220·5	194·8	160·5	191·3	199·4	202·0	207·0	195·3	225·9	216·4	191·0	200·4
1935	187·7	216·9	193·1	196·1	178·9	191·3	215·0	209·8	207·6	228·5	199·8	204·0	202·4
1936	205·3	185·9	171·2	186·6	173·2	186·7	195·8	205·1	198·6	203·2	208·8	223·7	195·4

SKURU.

The mean values increase upwards; the unit is 1 centimetre.

1900	128	124	133	131	148	143	159	154	159	175	142	162	147·0
1901	150	139	129	140	123	142	132	139	136	150	161	158	141·9
1902	171	156	139	123	135	142	168	173	166	141	151	132	149·8
1903	160	192	168	166	145	132	152	187	161	134	168	139	158·2
1904	138	134	122	132	147	143	162	159	129	146	169	168	145·5
1905	168	173	126	130	142	125	155	161	161	150	139	171	149·0
1906	161	159	165	141	127	148	148	152	141	129	123	187	148·0
1907	158	154	160	134	132	133	140	174	169	130	124	125	144·4
1908	142	176	123	114	137	138	137	145	161	123	139	159	141·3
1909	151	141	128	125	132	132	151	161	131	176	161	153	145·5
1910	175	161	148	145	136	136	161	142	147	153	146	142	149·4
1911	150	152	152	147	144	137	156	150	168	156	172	139	151·7
1912	139	139	140	153	149	158	140	158	166	145	164	186	155·7
1913	209·5	207·8	234·9	201·5	191·7	213·7	216·2	218·3	187·5	190·6	231·4	256·5	213·3
1914	226·2	226·9	200·1	198·0	211·6	197·6	198·7	206·4	207·4	200·4	183·7	215·4	206·0
1915	189·9	188·8	189·9	203·0	198·1	202·3	209·8	214·7	212·7	174·7	190·9	201·3	198·0
1916	222·9	214·1	163·5	187·5	189·0	197·7	218·0	210·0	206·7	213·1	204·0	192·9	201·6
1917	170·7	172·2	168·0	198·3	190·6	189·4	193·4	193·5	224·2	229·0	228·4	246·3	200·3
1918	193·8	198·7	193·7	191·3	165·4	210·7	209·9	208·4	232·3	219·2	200·5	200·0	202·0
1919	194·6	177·1	179·2	198·8	178·2	206·1	207·9	232·6	219·4	216·2	178·2	196·5	198·7
1920	195·2	210·2	211·6	195·5	214·0	201·1	205·8	215·2	202·3	174·1	192·7	172·9	199·2
1921	222·2	201·1	210·3	204·9	186·1	208·8	223·7	219·2	223·6	222·3	206·5	212·2	211·7
1922	216·2	177·0	203·4	181·0	201·8	213·0	211·4	214·5	202·5	192·3	210·9	220·1	203·7
1923	218·6	195·9	157·0	160·3*i*	193·1	219·7	214·8	227·7	221·3	233·3	242·1	214·6	208·2
1924	182·5	200·7	187·6	191·3	191·2	199·3*i*	215·1	200·1	214·0	201·8	206·9	206·5	199·7
1925	240·9	222·5	191·3	188·5	180·5	205·9	197·7	208·2	223·0	222·5*i*	205·9	209·0	208·0*i*
1926	190·8	172·3	206·9	187·4	183·0	191·1	194·7	214·7	216·5	207·8	200·4	207·7	197·8
1927	208·9	194·3	183·1	207·5	209·5	215·1	204·8	208·1	210·6	227·7	212·1	176·0	204·8
1928	194·5	201·8	160·6	176·0	180·4	213·2	230·0	223·8	211·4	206·1	210·2	214·2	201·8
1929	182·5	154·2	180·7	192·0	191·7	207·5	214·9	210·2	213·8	224·7	213·6	216·0	200·2
1930	223·6	190·9	194·3	170·2	183·0	188·9	206·8	216·1	183·8	202·0	242·4	198·6	200·0
1931	197·9	174·0	183·4	180·6	177·3	198·0	208·6	205·6	204·9	221·2	196·1	203·8	195·9
1932	232·8	206·6	183·6	192·6	191·6	194·5	199·5	207·3	218·5	217·7	203·3	208·4	204·7
1933	188·9	200·5	176·7	204·9	185·0	180·9	208·8	218·6	191·9	186·8	182·9	175·9	191·8
1934	194·4	213·2	191·2	160·4	189·6	198·5	195·4	207·3	194·0	225·3	217·4	188·9	198·0
1935	186·0	211·7	188·3	195·0	180·0	191·7	213·3	206·5	203·8	226·9	200·1	202·2	200·5
1936	201·3	189·7	170·4	185·5	175·1	187·5	197·0	203·5	195·9	196·3	209·1	221·9	193·7

i, the mean values have been obtained by interpolation or inference.

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TABLE B—*continued.*

HELSINKI (HELSINGFORS). The mean values increase upwards; the unit is 1 centimetre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1857	206·8	199·1	195·9	167·1	178·8	196·6	219·6	208·7	193·6	211·2	197·2	237·2	201·0
1858	240·8	213·5	213·9	230·7	211·5	201·5	214·4	202·6	216·3	231·0	221·8	204·8	216·9
1859	230·9	229·9	250·6	231·3	192·5	197·9	221·6	221·9	213·7	205·3	222·0	202·6	218·2
1860	202·2	208·6	187·5	191·0	197·4	205·0	215·4	215·8	226·3	229·8	198·9	177·8	204·6
1861	189·1	198·5	210·5	199·5	221·3	194·6	204·1	236·3	233·0	201·0	212·6	227·3	210·6
1862	201·0	196·3	178·9	195·2	..	..	237·6	220·9	200·9	218·3	200·6[i]	..	..
1879	+14	− 5	+11	−14	+ 2	+14	+33	+23	+28	+38	+30	+24	+16·6
1880	+35	+14	+16	− 7	+ 8	+10	+15	+15	+ 7	+27	+50	+62	+21·1
1881	+35	− 4	− 2	+ 6	+10	+18	+29	+47	+20	+ 4	+28	+24	+18·0
1882	+52	+44	+50	+14	+10	+20	+15	+31	+14	−21	− 4	−22	+16·1
1883	− 4	−10	+ 4	− 8	+ 6	+14	+21	+34	+21	+30	+32	+46	+15·7
1884	+46	+38	−11	−23	+11	+17	+18	+11	+ 4	+33	+32	+28	+17·0
1885	+ 6	+ 3	+17	− 5	0	+23	+14	+18	+27	+29	+12	+49	+16·1
1886	+33	−19	−26	− 7	− 2	+ 6	+34	+32	+24	+ 5	+ 2	+42	+10·5
1887	+ 6	+17	+16	+ 6	+ 5	+19	+25	+35	+23	+32	+18	+42	+20·3
1888	+18	+ 1	−25	−14	+12	+ 4	+15	+23	+15	+38	+27	+36	+12·5
1889	+18	+28	− 1	− 4	−17	0	+16	+38	+23	+ 8	+14	+17	+11·3
1890	+28	+14	+ 8	− 2	− 7	+21	+28	+24	+22	+46	+16	− 6	+15·9
1891	− 7	+10	+13	−20	− 3	− 7	+ 6	+22	+29	+14	+ 1	+22	+ 6·7
1892	+19	+11	−22	0	+ 7	+15	+29	+24	+28	+11	+ 3	+16	+11·7
1893	− 9	− 5	+22	+13	− 9	+ 8	+ 7	+20	+46	+43	+43	+33	+17·7
1894	+15	+59	+19	−21	−10	+ 5	+13	+25	+19	+ 2	+21	+26	+14·1
1895	+ 3	−26	− 2	+11	−12	− 2	+23	+21	+34	+32	+35	+14	+11·0
1896	+14	+24	0	0	+ 8	+ 9	+21	+16	+ 6	+13	+14	− 7	+ 9·9
1897	−20	+ 9	− 6	− 2	+ 2	+ 5	+20	+12	+35	+21	+19	+23	+ 9·5
1898	+35	+36	+ 4	− 8	− 6	+ 7	+36	+26	+29	0	+16	+53	+18·8
1899	+40	+22	+19	+21	+ 2	+13	+ 8	+24	+33	+40	+58	+26	+25·6
1900	−13	−18	− 8	− 6	+10	+ 4	+17	+14	+22	+38	+ 5	+30	+ 8·3
1901	+16	+16	−12	0	−15	+ 7	+ 1	+ 6	− 4	+ 6	+28	+19	+ 5·9
1902	+41	+15	− 3	−18	− 4	+ 2	+28	+32	+29	+11	+15	− 1	+12·3
1903	+23	+62	+31	+29	+11	+ 5	+24	+46	+36	+16	+34	+ 9	+26·8
1904	195·5	189·2	167·2	182·9	202·0	205·5	224·0	223·2	196·6	201·6	222·8	231·8	203·5
1905	231·5	237·0	182·8	189·3	194·4	189·1	213·8	216·6	218·2	216·7	193·2	229·9	209·4
1906	222·3	215·8	228·5	198·0	182·9	204·5	213·0	217·3	202·2	190·8	190·8	227·2	207·8
1907	211·0	201·3	213·8	189·2	201·2	194·1	210·1	234·8	227·4	193·1	180·8	178·5	203·0
1908	206·8	228·9	169·4	170·8	189·8	189·4	191·6	208·9	216·7	191·6	194·0	208·8	197·2
1909	207·2	202·1	170·1	182·6	193·3	200·0	215·4	228·0	206·9	205·5	214·6	209·2	202·9
1910	234·6	210·7	201·6	190·7	193·8	189·9	209·4	196·4	193·3	200·0	194·0	191·5	200·5
1911	217·4	216·4	205·6	195·0	191·2	190·0	211·3	201·8	222·2	208·0	226·8	191·3	206·4
1912	191·0	192·5	191·8	205·8	201·9	208·8	189·9	208·0	219·9	197·1	216·4	238·8	205·2
1913	210·7	207·8	236·4	198·8	184·1	209·0	212·5	211·5	184·3	188·6	226·7	256·9	210·6
1914	227·2	227·2	199·1	196·4	205·8	193·4	195·3	205·1	204·3	198·7	184·2	212·7	204·1
1915	190·1	184·4	189·3	201·4	196·5	202·4	204·6	212·1	211·8	173·9	188·8	201·2	196·4
1916	226·9	211·7	164·8	183·8	188·1	195·3	204·9	209·7	206·6	212·3	196·7	190·2	199·2
1917	185·9	186·9	166·9[i]	193·2	190·7	185·7	192·6	187·7	220·1	225·0	226·2	243·5	200·3
1918	219·4	207·0	183·9	166·5	162·2	206·0	209·6	210·3	228·8	216·6	200·1	199·8	200·8
1919	189·1	178·9	176·9	194·7	173·7	201·7	205·7	231·2	219·9	217·2	174·8	200·7	197·0
1920	212·4	215·3	210·3	184·3	199·8	198·9	203·9	209·3	200·6	174·4	191·1	170·2	197·5
1921	224·2	204·8	212·4	201·9	184·6	204·5	220·1	216·6	221·8	223·8	207·5	215·4	211·5
1922	216·6	177·1	205·9	180·1	199·2	211·0	208·6	213·3	203·1	192·1	213·6	220·9	203·5
1923	219·6	195·7	158·1	160·9	192·5	218·2	212·9	226·5	221·8	232·3	238·7	212·5	207·5
1924	182·9	198·6	188·3	193·3	186·9	195·7	214·1	198·4	209·7	202·8	208·6	207·0	198·8
1925	242·2	224·0	191·7	188·2	177·8	205·2	195·5	206·6	220·2	222·5	207·1	209·5	207·5
1926	190·8	170·2	208·2	185·3	178·1	187·8	191·7	211·4	216·8	207·6	197·7	205·8	196·0
1927	210·8	194·7	182·8	204·9	208·0	212·1	202·4	204·8	208·4	223·5	211·2	177·6	203·4
1928	195·3	204·3	160·7	171·2	177·3	208·7	228·2[i]	223·2	211·2	206·8	208·0	212·5	200·6
1929	185·3	154·0	184·6	192·0	189·5	203·4	212·8	207·9	212·3	223·6	211·6	213·6	199·2
1930	217·8	184·0	188·1	167·5	177·1	185·7	202·8	214·3	182·9	199·5	241·2	195·2	196·3
1931	199·0	174·3	183·2	179·8	176·5	198·7	207·4	203·6	206·8	221·2	196·4	210·6	196·5
1932	237·4	210·6[i]	182·9	191·6	183·4	193·7	197·7	206·5	217·5	216·9	203·0	210·4	204·3
1933	186·9	199·3	178·2	203·9	183·2	176·9	202·7	217·8	189·3	186·4	184·7	179·8	190·8
1934	197·7	219·4	190·4	157·9	189·1	197·5	198·5	204·0	191·9	224·3	215·4	188·3	197·9
1935	184·9	214·2	191·3	193·6	177·8	189·6	213·0	206·4	205·5	227·3	197·8	201·5	200·2
1936	201·5	181·5	166·8	183·7	170·2	184·5	193·8	202·7	196·4	200·5	206·9	224·1	192·7

i, the mean values have been obtained by interpolation or inference.

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TABLE B—*continued.*

SÖDERSKÄR. The mean values increase upwards; the unit is 1 centimetre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1866	249·7[i]	244·0	190·7	194·7	205·7	208·6	230·1	227·5	223·7	206·5	243·1[i]	238·8	221·9
1867	207·4	228·0	196·3	215·0	192·4	211·4	224·0	220·6	213·7	227·7	242·7	227·3	217·2
1868	202·9	254·1	212·5[i]	203·4[i]	214·1	224·4	212·2	198·4	220·0	208·0	226·3	211·4	215·7[i]
1869	196·5	239·0	196·0	188·6	196·2	215·9	217·1	217·9	231·5	235·0	241·8	211·3	215·6
1870	207·1	180·6	198·5	195·8	220·0	215·9	224·9	196·4	222·8	207·3	206·6	188·0	205·3
1871	189·2	167·7	209·1	215·9	203·7	201·8	208·5	225·0	212·2	198·6	197·7	219·7	204·1
1872	206·0	175·8	184·4	198·5	198·1	194·7	208·7	208·0	218·3	213·0	210·8	205·5	201·8
1873	222·5	196·9	182·9	180·4	201·6	206·0	214·7	224·1	222·9	238·1	219·0	268·3[i]	214·8
1874	253·4	233·0	204·0	213·3	196·4	219·1	216·6	227·1	232·2	227·7	229·2	209·5	221·8
1875	191·0	190·6	174·0	198·3	208·1	212·5	200·7	201·2	207·5	186·6	182·9	190·2	195·3
1876	200·3	189·8	208·4	198·4	191·8	202·5	220·7	213·0	224·2	208·8	196·2	171·5	202·1
1877	181·9	205·6	202·9	181·1	189·4	203·9	218·8	220·6	226·3	221·8	235·4	214·5[i]	208·5
1878	218·2	228·9	234·5	197·4	195·8	224·6	228·5	208·2	227·2	225·4	213·5	213·5	218·0
1879	201·7	191·1	204·3	179·1	192·2	207·4	221·4	211·9	219·3	227·7[i]	214·4	217·0	207·3
1880	222·6	205·1	208·8	180·9	196·9	197·9	204·1	203·6	194·1	215·1	245·7	250·1	210·4
1881	224·1	189·3	194·2	199·7	197·2	206·8	219·5	237·3	208·4	192·6	217·0	216·4	208·5
1882	245·8	238·2	238·6	197·5	197·3	208·1	202·1	219·8	199·1	164·0	184·6	168·6	205·3
1883	183·8	179·5	191·3	176·9	188·8	198·5	207·6	219·6	208·1	216·8	218·7	228·0	201·4
1884	230·4	221·8	177·5	163·7	197·8	203·1	203·4	195·8	189·7	215·4	215·4	211·1	202·1
1885	190·6	189·2	203·5	181·2	186·6	211·8	202·3	204·1	211·1	210·6	201·5	230·9[i]	201·9
1886	214·8	168·8	162·0	180·4	182·1	190·1	219·9	217·7	209·6	190·4	183·5	224·9[i]	195·3
1887	189·8	203·8	199·4	194·8	193·2	204·5	210·8	222·5	208·8	221·6	208·9	227·9	207·2
1888	207·2	187·7	162·3	174·5	201·3	193·9	203·0	210·6	202·4	224·4	214·6	221·4	200·3
1889	205·1	215·1	188·0	185·3	170·8	187·2	204·2	225·1	209·4	192·0	201·4	203·4	198·9
1890	214·3	198·7	194·9	185·7	178·6	207·2	213·6	214·5	211·8	236·4	206·0[i]	188·1	204·2
1891	176·5	207·6[i]	203·1	168·3	186·6	183·5	192·3	207·1	214·7	203·6	185·8	209·4	194·9
1892	207·1	201·3	166·2	189·3	198·1	204·7	217·7	212·0	216·6	197·9	191·1	204·4	200·5
1893	182·4	187·1	213·6	204·0	181·0	199·0	199·0	210·6	234·8	229·4	234·0	224·6	208·3
1894	207·3	245·6	212·1	172·5	183·3	196·6	205·3	219·5	213·3	193·8	212·2	217·3	206·6
1895	194·3	167·1	190·7	203·1	180·6	190·6	217·6	212·4	226·8	224·4	217·7	207·0	202·7
1896	209·9	219·7	195·2	193·9	201·4	202·5	213·4	208·7	198·3	203·0	204·4	186·0	203·0
1897	173·3	203·6	185·3	189·2	193·5	197·9	212·2	204·5	224·3	213·8	208·9	212·1	201·6
1898	229·2	232·0	197·8	186·4	186·0	200·2	227·6	215·2	217·2	190·1	206·4	243·6	211·0
1899	231·7	208·9	206·0	208·9	194·2	202·4	199·9	216·8	221·9	233·8	247·6	212·8	215·2
1900	178·2	173·7	183·4	183·6	201·2	196·0	211·4	206·3	212·5	227·3	194·9	216·7	197·3
1901	209·3	210·8	180·5	189·7	176·5	197·7	194·7	200·4	188·5	197·5	219·8	204·5	197·5
1902	230·7	205·7	188·2	171·2	186·6	192·1	216·0	222·0	222·1	205·5	208·4	193·8	203·5
1903	215·3	253·2	225·6	218·6	202·7	196·6	212·0	237·2	226·1	207·8	222·7	202·3	218·3
1904	200·4	189·7	168·7	183·8	204·7	208·6	226·8	224·8	198·6	204·4	224·3	232·5	205·6
1905	232·3	234·0	181·0	189·4	194·6	189·8	214·8	217·9	220·5	222·4	198·1	234·3	210·8
1906	224·6	217·3	227·5	198·6	183·2	204·9	214·3	218·4	202·0	191·2	190·4	228·5	208·4
1907	213·3	200·4	214·2	190·3	201·9	196·5	215·1	236·7	230·9	195·3	182·6	180·8	204·8
1908	202·3	220·6	160·1	165·9	187·0	187·0	191·0	210·2	215·7	190·7	193·4	208·9	194·4
1909	207·6	199·9	168·5	180·8	193·0	199·9	215·3	226·5	205·8	204·3	212·2	208·8	202·0
1910	224·9	202·7	193·3	181·3	182·5	181·0	201·6	187·8	199·8	206·7	198·0	195·4	196·2
1911	215·8	212·8	201·2	193·8	189·5	190·1	210·5	204·6	222·0	204·9	224·2	188·3	204·8
1912	189·7	189·3	192·1	206·4	203·2	209·8	192·0	209·5	221·4	198·2	218·8	238·5	205·7
1913	210·4	205·0	237·5	198·8	184·1	208·4	211·6	210·4	183·9	189·7	228·4	257·1	210·4
1914	228·6	230·0	197·9	196·9	206·1	193·0	193·7	204·7	205·1	196·8	182·9	211·9	203·9
1915	188·9	182·1	187·1	197·5	195·4	202·5	203·7	211·5	213·5	173·3	189·9	198·8	195·4
1916	225·4	213·3	164·2	183·1	189·8	197·0	206·5	212·1	209·0	213·5	199·4	188·7	200·2
1917	186·7	188·2	169·5	193·6	191·8	186·6	194·1	189·5	221·0	223·5	224·1	239·3	200·7
1918	218·8	205·8	183·6	166·7	163·9	205·5	209·1	209·8	225·2	216·2	200·0	196·9	200·2
1919	187·1	178·8	176·1	195·1	173·2	200·6	206·1	228·9	218·7	216·6	178·7	198·4	196·5
1920	209·1	214·2	208·4	184·3	199·6	199·9	203·3	209·1	201·5	174·3	191·0	168·6	196·9
1921	222·5	204·4	211·3	201·8	184·9	205·2	220·9	216·5	219·9	221·1	206·8	213·8	210·7
1922	216·0	175·7	205·6	179·4	198·9	212·9	208·3	213·9	202·4	193·0	213·4	218·1	203·1
1923	216·5	194·2	157·3	160·1	191·9	217·4	213·5	226·1	221·0	232·8	236·4	208·9	206·3
1924	180·5	197·6	189·1	192·5	185·9	195·9	214·3	198·4	207·9	201·5	206·7	200·2	198·5
1925	236·8	222·0	192·0	187·6	177·8	204·6	194·8	205·9	221·3	222·6	205·3	206·3	206·4
1926	188·8	168·9	208·0	185·7	178·6	188·3	192·9	212·9	216·8	207·9	197·9	206·2	196·1

i, the mean values have been obtained by interpolation or inference.

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TABLE B—*continued.*

SÖDERSKÄR—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1927	208·1	194·1	181·8	205·4	206·2	211·3	201·4	205·5	208·1	222·0	209·3	178·1	202·6
1928	192·6	199·9	159·5	170·1	177·8	210·2	228·8	223·2	210·6	205·3	204·5	208·0	199·2
1929	182·5	154·1	184·0	191·4	189·6	203·7	212·4	209·2	211·7	220·4	208·2	211·3	198·6
1930	218·8	182·4	189·9	168·4	178·1	185·2	202·0	214·5	183·3	200·1	235·6	193·0	196·0
1931	197·5	174·5	180·6	181·4	177·1	198·9	207·0	204·3	208·2	220·0	193·4	209·3	196·0
1932	231·1	210·1	183·4	191·6	183·0	193·9	198·3	206·7	216·2	212·2	197·6	208·6	202·7
1933	185·7	198·5	177·4	203·6	183·2	177·7	203·1	216·2	188·6	185·6	182·8	176·3	189·9
1934	194·2	218·0	191·0	157·9	189·1	197·9	197·9	202·2	191·5	222·1	215·5	188·5	197·2
1935	185·7	212·6	189·5	192·8	176·2	191·1	214·6	208·7	205·1	225·1	197·1	199·1	199·8
1936	199·1	181·6	168·5	184·0	169·3	185·9	194·0	203·2	198·2	199·9	204·1	220·2	192·3

KOTKA. The mean values increase upwards; the unit is 1 centimetre.

1908	+25	+48	−13	− 6	+12	+16	+14	+33	+42	+15	+20	+35	+20·0
1909	+33	+21	−10	+ 8	+16	+23	+40	+51	+29	+26	+46	+33	+26·1
1910	+57	+28	+27	+15	+18	+15	+34	+20	+17	+28	+14	+16	+24·2
1911	+42	+39	+31	+17	+12	+14	+35	+26	+47	+32	+52	+ 9	+29·6
1912	+21	+14	+16	+28	+22	+32	+14	+32	+48	+26	+42	+65	+30·1
1914	226·8	230·0	197·4	198·1	206·9	193·3	196·2	206·1*i*	205·5	198·9	182·4	207·3	204·1
1915	185·4	180·9	191·6	199·8	198·2	206·8	206·5	214·2	217·4	171·6	190·1	201·6	197·0
1916	230·4	211·8	164·8	184·0	193·7	198·6	208·2	214·8	209·9	213·9*i*	194·9	192·1*i*	201·4
1917	192·6	188·8	172·1	195·1	190·1	191·3	191·1	187·8	228·7	228·7	230·2	255·6	204·3
1918	222·2	217·0	184·2	169·9	173·1	196·9	201·8	207·3	222·4	222·5	207·4	210·2	202·9
1919	191·5	183·8	177·2	185·6	184·4*i*	196·4	210·5	232·4	214·6	209·4	..	188·7	..
1920	198·4	213·9	192·8	182·2	192·1	201·5	198·9	213·8	203·9	179·3	197·2	172·6	195·6
1921	225·4	209·1	215·1	205·6	187·1	208·3	224·8	222·9	224·7	228·9	211·7	221·1	215·4
1922	216·6	181·1	198·8	182·9	200·9	219·3	202·4	220·7	199·1	192·0	214·7	230·9	204·9
1923	223·0	199·3	158·2	166·8	192·0	220·0	216·2	221·4	225·4	236·0	247·1	218·7	210·3
1924	178·5	195·9	177·1	191·9	184·5	190·9	212·9	196·9	209·5	200·0	208·7	213·9	196·7
1925	238·4	219·0	188·8	184·2	175·5	203·7	192·0	204·3	217·0	223·6	202·9	196·6	203·6
1926	185·1	167·3	204·4	181·1	173·5	184·9	192·7	211·8	219·8	206·2	199·2	206·5	194·4
1927	205·9	187·2	181·2	205·0	200·7	209·1	199·6	206·5	208·8	221·7	202·2	173·4	200·1

HAMINA (FREDRIKSHAMN). The mean values increase upwards; the unit is 1 centimetre.

1928	..	..	..	..	..	..	230·9	223·5*i*	210·8*i*	207·2	207·6	213·5	..
1929	183·6	153·8	186·1	192·0	188·6	204·3	214·6	212·8	213·6	226·3	213·7	215·8	200·4
1930	224·1	184·8	189·7	164·7	176·2	185·9	200·3	213·5	181·6	198·7*i*	243·0	193·4	196·3
1931	195·6	172·0	182·8	179·1	175·5	202·3	209·7	204·1	208·4	226·2	196·3	212·5	197·0
1932	242·0	212·6	182·5	191·1	182·4	193·6	197·3	206·8	222·5	217·9	205·1	215·1	205·7
1933	188·9	199·1	179·0	203·5	180·7	173·8	203·6	218·9	185·3	186·2	183·2	180·6	190·2
1934	200·0	222·9	189·1	158·4	189·6	198·1	197·7	204·3	191·5	227·1	216·4	188·4	198·6
1935	186·1	214·1	192·9	191·9	177·1	190·4	212·9	205·0	206·5	228·9	197·7	201·0	200·4
1936	199·2	179·3	165·8	183·1	168·8	184·2	191·6	203·9	197·4	199·9	208·5	230·2	192·7

VIIPURI (VIBORG). The mean values increase upwards; the unit is 1 centimetre.

1889	128	134	111	100	117	121	137	158	152	135	142	151	132·3
1890	147	144	139	135	126	157	176	182	153	175	139	130	150·4
1891	125	144	139	119	135	130	139	151	165	148	132	153	139·7
1892	146	141	105	131	140	148	158	158	166	145	143	144	143·3
1893	115	124	154	147	121	144	137	149	179	171	178	170	149·4
1894	148	189	152	112	122	133	145	160	151	134	158	161	146·0
1895	134	101	128	141	119	132	156	166	171	172	175	150	145·6
1896	151	160	126	128	136	138	150	142	135	151	147	121	140·1
1897	107	137	119	121	126	132	147	138	167	156	158	155	138·3
1898	160	163	131	119	121	132	165	161	162	130	152	186	149·0
1899	169	147	148	143	130	136	138	156	163	172	201	155	154·5
1900	115	109	122	121	137	129	152	147	161	164	136	154	137·1

i, the mean values have been obtained by interpolation or inference.

FINLAND

TABLE B—*continued.*

VIIPURI (VIBORG)—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1901	147	146	114	125	115	137	128	135	124	135	163	145	134·1
1902	165	144	125	110	121	127	153	163	164	141	151	127	140·6
1903	156	198	160	154	134	128	149	181	168	139	168	138	155·5
1904	139	125	102	116	139	139	165	159	131	142	165	172	141·0
1905	166	172	115	125	130	126	153	159	159	151	135	183	147·5
1906	164	153	163	138	116	140	153	152	138	129	127	167	144·7
1907	146	132	146	122	140	131	146	180	173	133	120	112	139·9
1908	145	164	106	104	124	124	127	141	158	132	135	151	133·9
1909	147	137	103	114	128	137	156	169	146	155	155	146	140·9
1910	171	141	135	124	126	125	147	127	132	142	127	128	135·3
1911	156	151	139	129	124	126	150	141	161	151	167	128	143·5
1912	127	127	123	142	134	143	126	142	160	139	159	177	141·6
1913	209·6	208·9	237·4	194·3	181·0	209·8	207·0	209·7	178·8	192·1	227·5	260·8	209·7
1914	229·2	229·4	196·2	195·8	205·5	194·5	197·5	206·0	209·4	201·7	188·7	220·0	206·2
1915	183·8	181·3	183·0	197·0	194·3	205·4	206·5	211·6	213·1	172·4	186·1	198·3	194·4
1916	223·4	207·2	159·4	179·8	185·4	195·3	202·9	211·6	211·2	212·5	199·6	195·1	198·6
1917	185·4	183·1	166·2	189·7	193·4	189·2	191·4	186·2	228·8	235·9	234·9	249·3	202·8
1918	217·2	201·4	180·4	161·0*i*	159·1	206·6	209·1	212·9	230·4	221·5	207·3	201·5	200·7
1919	184·2	181·3	171·7	193·0	170·6	203·1	206·1	236·5	230·5	223·5	180·6	199·6	198·4
1920	208·1	211·0	210·6	183·2	200·2	201·4	207·9	213·7	200·6	175·1	204·0	176·2	199·3
1921	223·2	205·4	213·0	202·4	186·6	208·2	227·4	219·8	230·3	230·5	213·0	218·7	214·9
1922	214·2	179·8	205·7	178·7	202·2	215·5	214·2	218·8	205·8	197·1	228·8	223·2	207·0
1923	219·8	197·0	156·0	160·1	191·9	223·9	216·9	227·2	229·2	241·7	250·1	215·4	210·8
1924	178·2	197·0	185·1	190·4	187·9	199·1	216·7	199·4	216·9	210·9	212·5	222·1	201·3
1925	251·0	226·5	189·6	185·4	175·8	206·0	192·6	205·7	225·2	228·7	213·1	211·9	209·3
1926	190·2	168·9	210·9	186·6	176·1	187·6	193·9	213·4	223·6	211·7	200·4	210·9	197·9
1927	210·1	194·8	182·3	207·7	210·2	216·6	199·8	207·4	213·1	227·4	213·0	179·0	205·1
1928	198·4	206·2	164·0	172·4	178·8	210·7	237·8	225·8	213·3	210·8	209·3	217·3	203·7
1929	187·4	156·2	188·7	193·8	190·3	206·6	218·1	218·6	216·8	231·3	217·0	218·9	203·6
1930	229·3	187·1	192·7	165·5	178·4	189·3	199·4	216·2	184·2	199·9	246·6	194·7	198·6
1931	196·8	173·0	185·3	180·9	178·5	209·4	212·2	206·7	211·7	233·0	198·4	214·9	200·1
1932	246·4	215·6	184·2	192·9	183·9	196·3	199·3	209·4	229·3	221·5	209·2	221·0	209·1
1933	192·0	201·3	181·7	205·6	181·1	173·4	207·9	221·9	185·2	189·9	186·2	185·3	192·6
1934	202·8	225·8*i*	190·6	161·2	194·0	201·2	197·3	205·7	192·8*i*	231·4	220·0	190·9	201·1
1935	188·3	215·8	196·1	194·4	180·7	194·8	215·5	206·3	210·4	233·1	199·8	202·5	203·1
1936	201·0	181·7	168·1	185·4	170·4	187·5	201·2*i*	206·4	201·7	203·1	212·7	236·2	196·3

KOIVISTO (BJÖRKÖ). The mean values increase upwards; the unit is 1 centimetre.

1921	..	206·0*i*	212·1	203·1	186·7	207·9	226·8	219·3	228·8	230·3	211·7	220·0	..
1922	218·5	187·7	200·0	180·5	205·1*i*	214·9	211·5	217·6	207·0	195·9	221·6	223·2	207·0
1923	218·9	187·4	161·2	..	198·2	222·4	218·7	229·9	229·9	237·8	244·0	214·0	210·2*i*
1924	185·9	..	..	..	194·4	199·8	219·4	199·5	..	..	214·1	216·8	..
1925	252·4	227·8	197·2	191·9	179·9	208·8	194·3	205·7	222·8	232·5	211·7	..	211·4*i*
1925	..	..	..	..	..	..	..	..	221·7	231·1	211·9	213·5	..
1926	192·2	171·4	213·9	189·2	178·5	189·5	196·3	214·3	225·0	213·7	201·6	212·6	199·8
1927	211·6	196·5	184·3	209·7	210·9	216·3	201·7	206·9	213·2	227·3	208·4	174·9	205·1
1928	198·5	206·9	164·3	173·2	179·4	212·1	236·3	225·8	215·0	211·2	208·8	217·3	204·1
1929	188·8	158·6	190·6	196·3	192·5	207·9	219·7	218·8	218·0	231·0	215·9	217·3*i*	204·6
1930	228·4	188·4	195·0	168·8	180·9	191·5	202·6	217·4	186·4	201·9	247·3	195·2	200·3
1931	198·4	174·6	187·0	182·6	178·8	208·4	213·2	208·3	214·1	232·5	199·1	216·6	201·1
1932	247·7	217·3	186·3	195·4	185·7	197·5	201·0	210·4	229·1	222·5	210·6	220·9*i*	210·4
1933	192·7	203·7	184·0	207·5	184·3	176·3	208·8	224·5	189·0	190·6	188·0	187·1	194·7
1934	204·5	227·6	193·1	162·5	194·3	202·4	199·4	206·9	194·2	230·8	221·0	191·5	202·4
1935	189·6	217·9	198·3	196·4	181·5	195·4	218·1	209·0	211·6	233·0	199·5	202·4	204·4
1936	201·4	183·7	170·0	187·4	172·1	189·1	201·6	207·5	203·5	204·5	213·1	235·7	197·5

i, the mean values have been obtained by interpolation or inference.

FINLAND

TABLE B—*continued.*

SUURSAARI (HOGLAND). The mean values increase upwards; the unit is 1 centimetre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1919	..	..	..	..	..	..	..	229·7	217·6	211·8	169·7	191·0	..
1920	209·7	212·0	206·4	182·8	197·4	201·5	204·0	203·9	197·6	171·9[i]	189·7[i]	164·8	195·1
1921	222·2	202·8	210·9	198·4	184·5	205·6	220·4	216·4	222·5	224·4	203·4	214·9	210·5
1922	210·6	170·4	204·7	177·6	198·2	211·1	208·2[i]	211·4[i]	200·5	192·9	208·8	217·0	200·9
1923	216·2	192·3	155·7	158·6	190·0	219·8	215·1	227·4	224·9	232·9[i]	235·5	206·8	206·2
1924	174·4	194·7	187·6	190·4	187·3	198·0	215·8	197·7	216·4	198·1	204·0	204·5	197·4
1925	243·9	220·1	188·5	188·6	177·6[i]	208·7[i]	194·8[i]	205·4[i]	218·4[i]	227·2[i]	204·0	203·7	206·7[i]
1926	185·3	166·0	207·9	185·4	177·7	190·7	192·5[i]	215·2[i]	218·5	206·7	194·4	205·6	195·5[i]
1927	205·3	190·6	180·9	208·4	208·4	214·3	201·7[i]	204·9	208·4	224·1	205·5	172·1	202·0
1928	191·6	199·2	160·5	170·7	180·8	212·4	234·0	225·6	212·3	204·4	202·0	207·6	200·1
1929	179·9	154·8	180·8	192·1	190·7	207·6	215·5	210·4	213·5	218·3	206·7	210·6	198·4
1930	221·1	181·4	189·3	165·1	176·1	185·5	201·5	214·0	183·3	197·0	237·1	187·6	194·9
1931	192·3	168·5	179·8	181·1	175·6	201·9	210·0	207·5	207·8	221·1	189·7	206·2	195·1
1932	234·8	208·6	179·6	..	..	..	..	205·4	217·4	212·4	200·1	207·1	..
1933	182·6	194·9	175·3	203·9	183·5	177·6	206·9	220·2	187·3	188·0	178·8	173·3	189·4
1934	195·1	218·6	188·2	160·3	192·2	198·1[i]	198·5	204·8	191·9	222·4	213·5	182·5	197·2
1935	183·6	211·5	193·3	193·7	178·3	192·5	216·4	207·4	206·0	223·8	191·1	191·3	199·1
1936	193·4	177·7	167·4	184·4	170·1	187·2	195·3	203·1	198·2	198·5	202·3	221·1	191·6

i, the mean values have been obtained by interpolation or inference.

ESTONIA

§ 1. *Authorities.*

1. Tartu Ülikooli Meteoroloogia Observatoorium.
2. Conseil permanent international pour l'exploration de la mer (Copenhague). Bull. hydrog., 1928–1936.

§ 2. *Apparatus.*

1. Recording gauge.
2. Staff, division 1 cm.

§ 3. *Datums.*

The datums are local. The bench-mark at Tallinn is built in the foundation of the Custom House; the one at Vilsandi is built into the stone wall of the boat-house.

ESTONIA

TABLE A: Stations, Authorities and Conditions

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reduction	Apparatus for Observations			Methods of Reduction	Datums, § 3		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
			§ 1	§ 1	§ 1	§ 2	1:		p. 10				
Tallinn (Reval)	59° 27′ N.	24° 48′ E.	2	1	1	1	..	..	4*g*	..	..	1928–36	..
Vilsandi(Filsand)	58 23 „	21 49 „	2	1	1	2	1	..	4*m*	..	..	1928–36	..

TABLE B: Monthly and Annual Mean Heights of Sea-Level

TALLINN (REVAL). The mean values increase upwards; the unit is 1 centimetre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1928	114·0	128·3	95·6	85·9	90·5	123·5	143·4	137·1	125·0	120·7	119·5	123·6	117·3
1929	99·4	82·3	124·8	121·9	111·1	117·1	126·9	122·2	123·9	134·7	121·1	121·3	117·2
1930	126·9	92·8	97·5	79·5	89·4	99·8	114·4	132·5	101·4	118·6	158·9	111·1	110·2
1931	114·8	90·5	100·0	97·2	90·4	114·6	123·9	121·1	124·7	137·4	111·8	126·0	112·7
1932	149·8	124·3	95·2	103·5	94·9	106·6	111·1	122·1	134·0	131·6	117·7	124·0	117·9
1933	99·8	112·3	91·7	118·4	97·2	90·3	120·9	136·0	104·7	105·2	101·2	98·3	106·3
1934	113·4	137·6	108·1	74·7	106·2	115·6	114·3	122·9	110·0	143·2	133·6	105·5	115·4
1935	102·0	131·8	110·1	112·1	96·3	109·7	134·1	126·4	126·0	143·9	113·3	116·3	118·5
1936	117·6	99·1	85·5	103·2	88·0	104·7	116·9	123·8	118·0	120·7	126·1	142·4	112·2

VILSANDI (FILSAND). The mean values increase upwards; the unit is 1 centimetre.

1928	68·6	76·4	33·3	46·6	52·8	83·3	101·4	96·9	86·0	82·0	83·0	84·6	74·6
1929	61·9	28·8	55·3	65·4	63·3	77·8	87·1	82·0	86·4	95·8	83·1	83·1	72·5
1930	85·7	55·7	60·4	43·6	50·7	59·8	78·1	90·2	58·3	76·4	113·1	69·4	70·1
1931	75·6	50·5	58·5	57·1	55·2	75·4	87·5	80·9	83·2	96·1	75·5	85·9	73·5
1932	105·8	88·5	62·4	67·0	59·8	68·1	73·4	82·4	93·8	95·0	76·2	81·8	79·5
1933	61·3	73·3	55·9	78·5	60·4	54·2	78·9	94·0	67·5	65·2	63·3	54·7	67·3
1934	72·3	95·6	70·8	33·9	65·1	72·7	73·8	82·7	70·4	101·0	91·7	65·5	74·7
1935	61·6	90·6	67·7	72·0	51·9	66·4	91·2	83·0	86·4	104·3	77·1	76·3	77·4
1936	78·9	57·8	45·0	63·0	48·4	60·8	73·8	80·3	68·8	79·6	84·6	98·1	69·9

LATVIA

§ 1. *Authorities.*

1. Jūrniecības (Marine) Departments, Finanču Ministrija, Rīgā.
   - *a.* P. Stakle. Water stage, sea current and sediment movement observations at the coast of Latvia, 1929–1933. (1936.)
   - *b.* P. Stakle. Observations hydrometriques en Lettonie jusqu'au 31.10.1929. (1931.)
2. Conseil permanent international pour l'exploration de la mer (Copenhague). Bull. hydrog., 1928–1936.

§ 2. *Apparatus.*

1. Recording gauge of type:
   - *a.* Renqvist-Witting.
   - *b.* A. Ott.
   - *c.* Hasler and Escher.
2. Seibt-Fuess pneumatic gauge.
3. Non-recording gauge with float.
4. Staff.

§ 3. *Datums.*

The individual bench-marks are described in Authority 1*a*.

LATVIA

TABLE A: Stations, Authorities and Conditions

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums, §3		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
	° ′	° ′	§ 1	§ 1	§ 1	§ 2	1:	mm./hr.	p. 10	cm.	cm.		
Ainaži (Hainasch)	57 53 N.	24 20 E.	1*a*	1	1	3	..	..	4*o*	..	..	1929–31	..
			1*a*	1	1	1*a*	1	12	4*f*	..	..	1932–6	..
Salacgrīva (Salismünde)	57 45 „	24 22 „	1*a*	1	1	4	..	..	4*o*	..	..	1929–36	..
Daugavgrīva (Dünamünde)	57 03 „	24 02 „	1*a*, 1*b*, 2	1	1	4	..	..	4*o*	..	6·6	1872–1917, 1922–9	..
			1*a*, 2			1*b*	10	4	4*f*	..	..	1929–36	..
Dzirnupe (Mīlgrāvis, Mühlgraben)	57 01 „	24 07 „	1*a*	1	1	4	..	..	4*m*	..	..	1930–6	..
Andrejosta (Andrēashafen)	56 58 „	24 06 „	1*a*	1	1	1*b*	10	4	4*g*	..	..	1930–6	..
Rigas Vecais Dzelzs Tilts (Riga Old Iron Bridge)	56 57 „	24 07 „	1*a*	1	1	1*c*	10	1·5	4*g*	..	..	1872–1936	..
Mērsrags (Messaragotsem Markgrafen)	57 20 „	23 07 „	1*a*	1	1	4	..	..	4*o*	−105·3	..	1929–36	..
Roja (Rojen)	57 30 „	22 48 „	1*a*	1	1	4	..	..	4*o*	−74·0	..	1932–6	..
Kolkasrags (Domesnäs)	57 48 „	22 38 „	1*a*, 1*b*	1	1	4	..	..	4*m*	..	..	1884–93, 1901–13, 1925–31	..
			1*a*			1*a*	1	12	4*g*	..	..	1932–6	..
Ventspils (Windau)	57 24 „	21 33 „	1*a*, 1*b*	1	1	3, 1*a*	1	12	4*m*	..	..	1873–1913, 1920–36	..
Pāvilosta (Paulshafen)	56 54 „	21 11 „	1*a*	1	1	4	..	..	4*o*	−78·9	..	1929–36	..
Pape (Papensee)	56 09 „	21 02 „	1*a*	1	1	4	..	..	4*o*	−117·8	..	1929–36	..
Liepāja (Libau)	56 32 „	20 59 „	1*a*, 2	1	1	3	..	..	4*o*	..	23·5	1865–93, 1896–1913, 1921–7	..
						2	14	3·25	4*g*	..	..	1928–34	..
			2			1*a*	1	12	4*g*	..	..	1935–6	..

TABLE B: Monthly and Annual Mean Heights of Sea-Level

AINAŽI (HAINASCH). The mean values increase upwards; the unit is 1 centimetre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1929	..	..	..	..	198·3	212·3	219·6	214·3	217·3	224·3	208·1	206·2	..
1930	215·7	180·9	192·3	171·5	182·4	192·0	208·9	223·7	188·1	205·7	241·4	189·6	199·5
1931	199·0	176·0	186·8	186·5	182·9	206·6	214·8	209·4	212·9	228·4	199·3	213·6	201·6
1932	241·9	216·2	187·7	193·5	187·7	197·7	201·3	212·0	225·6	220·9	206·4	214·8	208·8
1933	186·4	202·6	181·7	208·8	186·9	178·2	208·9	224·8	192·1	190·0	188·3	185·5	194·5
1934	198·4	223·6	194·2	160·5	194·8	202·5	204·8	211·7	197·6	231·9	221·2	190·5	202·6
1935	185·2	216·1	194·0	198·4	179·5	194·8	222·6	213·2	216·4	235·1	195·9	199·4	204·2
1936	202·3	185·7	171·8	189·3	173·8	188·8	201·8	207·9	203·4	212·4	212·2	229·6	198·2

SALACGRĪVA (SALISMÜNDE). The mean values increase upwards; the unit is 1 centimetre.

1929	39·9	11·4	47·0	56·8	50·6	67·6	76·7	69·0	72·3	86·5	63·5	59·7	58·7
1930	66·4	32·0	52·2	26·9	38·4	48·3	65·1	82·4	45·9	63·9	108·2	51·8	57·0
1931	59·4	34·9	44·0	62·7	42·9	63·0	69·7	65·5	69·0	86·2	53·1	71·4	60·3
1932	100·5	93·0	71·5	81·2	49·5	59·0	61·1	69·5	82·3	77·9	63·2	68·4	73·0
1933	34·9	56·2	69·6	66·9	46·4	39·0	68·9	83·3	50·0	48·0	44·8	43·9	54·4
1934	52·6	80·8	68·9	30·9	55·5	61·4	62·9	67·3	55·6	87·7	80·1	43·5	62·3
1935	40·0	74·9	56·5	58·7	37·4	53·6	83·4	71·6	75·5	88·8	49·7	53·1	61·9
1936	58·4	43·0	39·7	49·3	32·6	48·1	59·6	65·0	60·9	67·8	67·0	84·8	56·4

LATVIA

TABLE B—*continued.*

DAUGAVGRĪVA (DÜNAMÜNDE). The mean values increase upwards; the unit is 1 centimetre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1872	106	65	80	112	110	102	110	115	128	115	111	108	105
1873	121	97	89	88	110	118	124	130	128	138	125	177	120
1874	158	140	..	121	104	121	117	124	131	107	108	..	123
1875	109	111	97	123	134	137	125	126	131	105	100	115	118
1876	119	114	133	131	120	130	149	140	142	133	116	89	126
1877	108	133	129	117	121	132	146	150	156	148	152	123	135
1878	139	152	158	135	127	151	160	137	153	145	138	137	144
1879	124	116	132	114	127	137	153	140	147	157	146	141	136
1880	152	130	141	119	134	129	137	134	122	147	170	180	141
1881	155	121	120	131	133	139	152	166	131	115	141	135	136
1882	175	165	168	127	127	138	132	147	124	86	108	91	132
1883	112	109	123	115	131	133	142	156	141	147	142	163	134
1884	164	156	108	101	138	140	138	131	121	149	144	142	136
1885	118	114	134	118	124	148	138	140	149	141	135	166	135
1886	142	99	92	123	120	129	160	155	148	124	120	154	130
1887	117	134	132	134	133	144	148	161	146	157	138	162	142
1888	135	118	94	121	135	131	136	144	137	159	150	148	134
1889	131	147	120	133	113	123	140	159	144	122	133	130	133
1890	145	135	132	127	118	149	153	150	147	170	132	117	140
1891	111	140	141	118	125	126	133	148	155	138	118	145	133
1892	143	139	104	143	143	144	157	152	151	131	122	140	139
1893	116	123	147	157	125	140	138	147	174	131	122	140	138
1894	135	180	145	113	121	137	143	154	154	128	143	145	142
1895	125	106	126	149	125	130	155	148	161	159	152	135	139
1896	141	157	132	132	145	139	152	143	131	131	138	110	138
1897	106	135	128	138	134	137	149	139	159	147	151	139	138
1898	168	163	130	130	127	138	167	151	158	126	140	188	149
1899	170	152	155	155	136	147	139	160	158	172	192	147	157
1900	112	113	121	133	140	135	149	144	150	159	122	155	136
1901	140	149	116	140	120	140	133	139	128	128	161	145	137
1902	173	144	129	122	135	138	162	166	162	142	147	133	146
1903	145	195	159	162	143	136	152	181	166	143	158	132	156
1904	124	127	106	127	143	150	167	167	136	142	162	169	143
1905	168	174	120	137	137	131	160	158	159	157	131	173	150
1906	154	148	171	141	126	147	160	165	146	133	134	164	149
1907	152	139	151	135	148	141	153	178	170	131	115	112	144
1908	144	168	110	120	139	139	137	155	164	138	135	146	141
1909	140	142	113	139	140	146	162	175	147	140	155	142	145
1910	177	138	143	135	138	132	156	143	138	146	129	130	142
1911	156	157	145	143	139	136	161	148	171	152	165	126	150
1912	127	134	136	155	150	155	136	150	164	141	154	176	148
1913	148	150	176	145	130	158	161	159	128	130	170	202	155
1914	172	172	146	146	153	142	141	154	153	142	119	141	148
1915	124	121	130	148	143	148	150	156	161	113	127	143	139
1916	167	153	113	136	140	148	155	163	155	162	135	128	146
1917	130	133	121	147	141	136	135	124	..	..	..	..	..
1922	..	..	..	..	..	..	140	145	131	125	148	146	..
1923	143	122	88	95	127	151	147	163	153	166	172	140	139
1924	108	132	122	138	122	132	149	131	142	131	137	128	131
1925	169	148	122	120	111	141	128	141	159	163	142	135	140
1926	126	105	142	126	118	125	131	153	156	146	129	139	133
1927	132	123	115	144	143	152	139	139	143	159	149	111	137
1928	125	134	95	113	120	152	168	165	149	143	137	140	137
1929	117	88	119	133	131	142	152	153	150	154	137	134	134·2
1930	143·4	114·1	122·6	105·1	112·8	124·8	142·8	154·5	119·8	138·5	179·6	123·5	131·8
1931	131·2	109·4	121·3	121·3	121·5	138·2	145·3	142·6	149·6	160·0	131·1	150·9	135·2
1932	171·8	152·1	123·2	130·5	124·1	133·7	136·0	148·1	156·7	153·6	138·5	147·5	143·0
1933	116·9	134·6	115·0	145·2	124·9	116·7	144·3	160·9	131·2	124·5	123·8	119·6	129·8
1934	127·8	159·6	130·3	99·1	129·6	137·9	139·6	143·8	129·4	160·2	153·8	119·7	135·9
1935	115·4	148·7	128·6	135·0	117·6	129·1	157·0	147·1	147·1	163·9	125·5	129·8	137·0
1936	134·2	121·1	107·3	126·7	110·2	124·9	134·3	140·6	138·5	143·8	142·6	157·3	131·8

TABLE B—*continued.*

DZIRNUPE (MILGRĀVIS, MÜHLGRABEN).

The mean values increase upwards; the unit is 1 centimetre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1930	..	..	..	..	..	128·8	146·5	161·7	125·2	144·9	187·0	129·5	..
1931	134·4	110·7	124·9	139·6	147·7	145·1	150·4	147·4	154·9	164·1	134·5	155·3	142·4
1932	172·7	156·4	126·3	145·2	133·2	138·9	142·1	152·5	161·5	158·1	141·4	150·6	148·3
1933	121·1	138·6	123·5	154·8	133·6	121·7	151·3	166·2	135·9	128·6	126·9	122·8	135·4
1934	129·9	164·7	142·4	112·0	136·5	144·5	145·7	148·2	134·5	164·0	156·8	121·3	141·7
1935	119·5	153·6	134·9	146·9	123·4	135·9	165·0	154·1	151·6	165·5	127·2	132·5	142·5
1936	136·2	126·5	120·0	136·1	117·4	130·7	139·4	146·3	143·0	147·1	145·4	161·5	137·5

ANDREJOSTA (ANDREASHAFEN).

The mean values increase upwards; the unit is 1 centimetre.

1930	146·5	118·2	132·6	114·9	117·8	127·7	144·8	160·1	123·4	142·8	193·9	129·5	137·7
1931	135·9	111·9	125·4	157·4	181·7	141·9	149·3	146·8	152·3	163·1	135·1	155·3	146·3
1932	177·3	160·2	126·8	161·9	140·8	137·3	139·0	150·1	158·3	158·3	143·9	152·7	150·6
1933	120·4	137·0	125·1	157·7	136·2	121·8	148·0	164·1	134·9	127·1	126·4	122·8	135·1
1934	129·8	163·0	150·7	122·9	133·8	141·2	143·2	146·6	132·0	162·4	156·9	121·6	142·0
1935	118·7	150·3	131·7	155·2	124·2	133·3	160·4	152·4	150·4	166·9	128·1	132·0	142·0
1936	138·6	125·1	130·2	142·6	118·1	128·2	137·2	143·3	141·4	147·2	144·9	161·0	138·1

RIGAS VECAIS DZELZS TILTS (RIGA OLD IRON BRIDGE).

The mean values increase upwards; the unit is 1 centimetre.

1872	..	..	100	213	136	120	135	132	145	133	130	127	137
1873	132	129	113	147	142	137	143	150	144	154	146	201	145
1874	191	170	139	214	145	145	141	143	154	142	149	130	155
1875	113	..	..	141	163	141	129	129	132	108	102	118	128
1876	124	114	168	223	148	133	147	137	141	131	120	88	140
1877	114	132	128	260	174	140	151	155	165	149	149	130	154
1878	140	151	157	265	135	152	165	137	153	145	153	162	160
1879	151	145	180	190	188	143	153	148	146	154	155	148	158
1880	152	133	146	180	167	133	137	135	122	147	183	193	152
1881	169	127	123	187	176	137	141	165	132	112	139	132	145
1882	182	159	193	155	130	133	126	144	118	83	103	93	135
1883	110	100	117	195	192	138	137	153	137	144	138	162	144
1884	162	155	102	139	181	141	130	129	115	140	136	140	139
1885	119	114	141	159	135	147	132	141	150	150	148	170	142
1886	147	106	95	223	150	136	163	157	149	123	118	167	144
1887	127	137	131	177	146	142	147	160	149	192	146	176	152
1888	141	124	96	232	142	141	139	142	134	155	151	148	145
1889	132	151	120	227	141	125	135	160	146	125	135	132	144
1890	144	130	145	139	120	148	151	147	143	169	133	116	140
1891	109	139	145	200	152	129	133	150	157	136	120	153	144
1892	144	141	110	240	174	162	158	148	146	129	123	145	152
1893	122	123	156	219	148	137	135	145	171	162	172	165	155
1894	139	177	148	152	124	139	146	152	154	137	140	149	146
1895	133	117	136	212	181	131	152	143	157	155	156	125	150
1896	133	153	144	171	191	138	153	145	137	136	149	115	147
1897	108	138	147	213	139	131	144	134	155	143	148	134	144
1898	161	164	122	182	142	135	160	144	156	118	140	190	151
1899	184	173	162	203	136	142	133	152	147	162	193	165	163
1900	118	123	131	229	159	127	152	137	152	161	137	132	146
1901	152	153	123	235	144	138	135	139	132	131	168	149	150
1902	173	149	144	183	181	144	168	191	179	151	157	135	163
1903	156	202	181	194	137	131	144	176	155	132	158	138	159
1904	122	128	107	172	155	151	167	169	138	141	163	176	149
1905	156	171	118	189	170	138	161	158	161	167	138	173	158
1906	150	144	170	174	132	143	159	164	141	123	124	167	149
1907	143	135	147	187	181	138	150	174	165	124	101	98	145
1908	141	160	100	158	197	130	129	146	162	135	125	137	143
1909	133	134	106	166	173	145	158	172	142	135	150	138	146
1910	171	139	149	146	137	129	151	139	136	145	131	130	142

TABLE B—*continued.*

RIGAS VECAIS DZELZS TILTS (RIGA OLD IRON BRIDGE)—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1911	153	154	142	167	149	132	156	145	166	147	159	120	149
1912	122	126	138	168	144	145	126	138	161	128	143	166	142
1913	138	141	178	154	123	150	153	151	120	120	162	198	149
1914	166	179	150	165	147	132	132	146	143	131	111	131	144
1915	117	113	122	198	149	143	146	154	..	..	..	..	143
1916	..	..	96	189	129	126	143	152	140	146	119	109	135
1917	..	119	104	..	152	134	143	..	..	155	170	183	145
1918	161	145	122	158	110	149	153	154	172	152	129	124	144
1919	112	109	102	173	114	..	135	166	145	..	..	..	132
1920	..	..	163	155	143	142	150	158	151	124	132	110	143
1921	169	147	164	156	123	140	153	151	158	164	141	147	151
1922	151	118	159	231	189	157	149	154	138	135	151	151	157
1923	149	134	98	119	143	161	156	173	159	171	191	156	151
1924	112	..	129	247	154	149	160	137	149	135	142	124	149
1925	169	156	135	141	120	146	136	148	163	172	152	142	148
1926	132	111	153	199	156	131	140	158	164	155	142	150	149
1927	139	131	133	163	159	170	150	153	158	173	..	118	150
1928	131	139	..	167	139	180	178	169	157	152	151	159	157
1929	135·2	97·2	124·3	176·0	187·8	147·1	152·5	146·7	152·8	160·2	146·0	146·0	147·6
1930	149·2	123·6	137·5	119·8	120·7	126·5	145·2	161·0	125·2	142·6	195·5	133·3	140·0
1931	138·2	112·9	126·4	166·8	194·9	143·2	154·9	150·8	157·1	167·8	139·3	160·6	151·1
1932	180·8	162·5	126·8	169·8	145·7	138·3	137·4	151·4	159·0	158·0	141·3	149·6	151·7
1933	111·4	132·4	136·2	166·2	143·3	117·0	147·2	164·7	136·4	130·4	134·4	132·6	137·7
1934	139·3	159·4	167·1	132·6	136·2	145·4	148·8	152·6	138·9	171·6	168·4	135·0	149·6
1935	129·5	156·5	139·7	164·6	126·2	133·6	163·7	155·8	153·5	169·1	130·0	132·9	146·3
1936	141·7	130·4	137·4	147·3	119·3	128·8	140·4	146·5	146·0	148·0	146·0	162·0	141·2

MĒRSRAGS (MESSARAGOTSEM, MARKGRAFEN).

The mean values increase upwards; the unit is 1 centimetre

1929	88·5	56·7	87·9	97·9	95·4	109·7	119·9	113·5	117·7	123·5	107·5	105·6	102·2
1930	114·0	81·6	92·6	73·7	82·8	93·4	110·6	123·1	89·1	108·1	141·4	95·7	100·7
1931	99·5	77·9	88·0	88·2	85·0	107·4	115·4	112·6	115·8	126·4	100·0	116·0	102·9
1932	135·3	117·7	89·8	96·8	91·6	102·3	105·7	114·9	123·1	119·3	103·2	109·6	109·1
1933	85·6	102·0	82·9	110·9	92·2	84·4	112·3	127·6	100·0	91·8	90·8	85·8	97·2
1934	94·9	125·3	96·8	66·1	97·9	106·9	107·9	112·5	99·7	129·3	120·4	88·5	103·8
1935	84·7	117·3	96·7	101·4	83·9	98·0	126·3	115·7	114·8	129·6	95·7	99·3	105·3
1936	101·1	89·2	75·9	93·4	79·4	94·1	102·3	109·8	104·6	111·2	109·9	125·9	99·7

ROJA (ROJEN).

The mean values increase upwards; the unit is 1 centimetre.

1932	..	..	..	..	..	..	73·6	83·0	91·4	89·5	73·1	79·0	..
1933	54·8	71·0	52·6	81·7	62·4	54·7	83·0	98·4	70·9	62·5	63·0	57·6	67·7
1934	67·5	96·5	70·4	36·2	68·3	77·2	78·0	83·3	70·1	100·7	91·4	60·5	75·0
1935	56·3	91·4	68·8	72·6	53·7	68·4	96·0	86·4	86·4	102·2	67·3	69·7	76·6
1936	73·3	60·0	48·5	63·6	48·9	63·3	73·4	80·5	75·0	82·6	81·3	96·5	70·6

KOLKASRAGS (DOMESNÄS).

The mean values increase upwards; the unit is 1 centimetre.

1884	33·8	13·2	−33·0	−46·0	− 8·9	− 3·3	− 2·5	−10·2	−17·3	13·2	7·9	7·1	− 3·8
1885	−17·5	−20·1	− 4·6	−26·9	−19·8	4·3	− 4·3	− 1·3	7·1	5·1	4·3	24·4	− 4·8
1886	10·4	−39·4	−53·8	−27·9	−24·1	7·4	15·7	12·7	5·8	−16·0	−22·1	19·6	− 9·3
1887	−18·5	− 4·8	− 8·6	−12·2	−13·2	− 1·0	5·6	14·2	3·0	12·7	− 1·8	17·5	− 0·6
1888	− 4·1	−17·5	−42·9	−32·3	− 8·4	− 1·5	0·3	1·3	− 2·5	10·9	4·3	11·2	− 6·8
1889	− 7·9	− 0·5	−25·9	−21·1	−35·8	−21·3	− 2·0	19·3	− 0·5	−17·5	− 8·4	−10·7	−11·0
1890	3·6	− 9·1	−13·5	−18·5	−28·9	2·0	8·1	4·8	− 0·3	28·7	− 6·9	−26·4	− 4·7
1891	−28·7	− 5·6	− 5·1	−36·8	−23·4	−25·1	−13·2	1·5	4·6	− 5·1	−20·3	0·8	−13·0
1892	− 4·8	− 6·6	−40·6	−19·3	−11·9	− 6·4	6·6	2·3	2·5	− 8·1	−20·1	3·0	− 8·6

TABLE B—*continued.*

KOLKASRAGS (DOMESNÄS)—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1893	-26·9	-23·1	- 0·3	- 0·3	-26·9	- 7·9	-10·2	2·3	25·7	16·8	16·0	12·4	- 1·8
1901	- 6·6	- 0·8	-32·3	-21·6	-34·5	-11·7	-18·0	- 8·9	-19·6	-10·4	12·4	4·1	-12·3
1902	23·1	0·3	-13·5	-36·1	-20·1	-14·2	9·9	14·5	10·7	- 5·3	- 3·3	-19·6	- 4·5
1903	3·6	43·2	11·9	11·7	- 8·4	-16·8	1·8	29·7	16·3	- 2·0	13·0	- 9·7	7·9
1904	-16·0	-18·3	-43·9	-26·7	- 9·4	- 2·5	14·5	16·8	-11·2	- 6·6	14·2	22·9	- 5·5
1905	21·6	27·4	-26·9	-20·1	-16·3	-20·3	7·6	9·9	11·7	11·2	-13·7	22·9	1·3
1906	11·7	6·4	23·1	-10·9	-25·1	- 3·6	7·6	10·9	- 4·1	-16·5	-13·2	18·0	0·3
1907	4·3	- 6·4	6·1	-18·3	- 7·4	-11·7	4·3	30·0	20·6	-13·5	-27·2	-31·2	- 4·2
1908	- 0·5	25·4	-31·2	-33·0	-17·0	-16·5	-13·7	3·8	14·5	-13·7	- 9·4	3·3	- 7·3
1909	- 0·8	- 1·3	-30·2	-20·3	-10·9	- 2·8	13·2	25·9	2·5	- 0·8	10·2	2·3	- 1·0
1910	27·4	- 0·5	- 4·3	-14·0	- 7·4	-13·7	8·4	- 4·1	- 6·4	- 1·3	- 8·4	-11·9	- 3·3
1911	11·4	11·4	- 1·5	- 9·7	-13·5	-14·5	8·4	- 2·3	21·6	5·6	22·4	-13·2	2·3
1912	-16·8	-11·9	-13·5	1·0	- 2·3	4·1	-15·0	6·1	16·5	- 5·1	10·7	34·0	0·7
1913	3·3	1·8	17·3	- 6·4	-20·1	4·8	9·7	8·6	-23·6	-17·0	21·3	47·8	4·0
1925	..	..	..	..	..	6·6	- 4·6	7·4	24·1	27·6	8·2	10·1	..
1926	- 7·6	-26·2	6·9	-14·6	-18·8	-10·2	- 5·6	14·7	22·3	11·5	- 3·5	8·1	- 1·8
1927	9·2	- 6·2	-15·1	6·3	7·9	15·5	4·1	6·6	9·2	24·4	13·0	-22·1	4·4
1928	- 6·8	1·2	-39·3	-27·1	-19·4	12·6	31·9	26·7	12·1	8·9	8·1	9·1	1·5
1929	-14·5	-48·9	-17·7	- 7·7	- 9·4	6·3	15·9	9·8	14·0	22·9	7·3	7·8	- 1·2
1930	11·6	-20·4	-13·4	-31·6	-23·2	-12·7	5·7	17·7	-14·7	4·2	38·1	- 5·1	- 3·6
1931	1·1	-26·5	-18·8	-18·4	-20·3	1·4	11·3	7·3	9·4	22·6	- 2·3	10·8	- 1·9
1932	35·2	14·2	-13·8	- 8·8	-15·9	- 5·4	- 0·8	9·2	20·7	20·0	3·0	9·1	5·6
1933	-14·2	- 0·9	-22·3	5·2	-15·3	-22·4	6·0	21·8	- 5·3	-10·8	-10·2	-15·9	- 7·0
1934	- 4·0	21·2	- 6·7	-41·6	- 9·4	- 0·7	1·4	8·8	- 5·0	27·8	18·1	-10·4	0·0
1935	-15·6	14·2	- 9·3	- 5·0	-23·2	- 8·9	18·2	10·9	12·4	30·7	- 1·5	0·1	1·9
1936	2·4	-15·0	-30·5	-13·2	-28·3	-14·3	- 1·7	6·0	0·2	9·2	10·5	24·2	- 4·2

VENTSPILS (WINDAU). The mean values increase upwards; the unit is 1 centimetre.

1873	4·0	-16·3	-26·4	-31·5	- 8·6	- 6·1	1·5	11·7	9·1	19·3	6·6	47·2	0·9
1874	34·5	24·4	-11·2	- 3·5	-21·3	- 1·0	1·5	9·1	11·7	6·6	9·1	- 6·1	4·5
1875	-21·1	-21·8	-37·6	-14·7	0·8	- 1·5	-18·8	-14·5	- 7·9	-23·6	-30·5	-19·6	-17·6
1876	- 9·1	-14·2	2·0	-12·7	-20·6	15·8	10·2	5·3	16·5	0·3	-11·7	-33·8	- 4·3
1877	-23·9	5·1	2·8	- 3·8	-16·8	- 2·8	13·5	17·8	18·8	13·5	24·6	2·0	4·2
1878	4·1	4·8	26·7	-34·0	-34·3	- 2·5	- 2·5	- 2·0	18·3	13·2	4·1	12·4	0·7
1879	- 4·8	-21·3	- 5·6	-24·9	-12·2	1·0	18·8	8·9	8·1	8·9	9·9	-17·3	- 2·5
1880	9·1	- 3·6	7·9	-16·5	- 4·1	- 5·1	2·5	2·8	-33·8	3·0	30·5	39·9	2·7
1881	25·1	- 9·4	- 8·1	- 2·8	4·6	3·8	13·0	30·0	3·0	-14·0	1·8	3·3	4·2
1882	31·5	18·3	30·0	- 5·1	6·9	8·9	4·1	14·2	- 4·8	-38·1	- 8·4	-24·1	1·6
1883	-19·3	-17·8	- 7·9	-17·3	-10·4	- 2·0	6·9	12·7	8·4	12·7	18·0	28·2	1·1
1884	26·4	17·0	-23·9	-37·3	-13·5	0·5	- 2·8	- 8·4	-14·2	14·2	13·7	10·7	- 1·5
1885	-13·5	-14·2	- 3·0	-19·3	-13·2	9·7	1·8	5·8	12·7	14·2	4·6	27·7	1·1
1886	16·3	-25·7	-40·1	-19·3	-20·6	-12·2	14·5	14·2	9·9	11·4	-19·1	21·6	- 6·0
1887	- 8·6	- 4·3	- 2·5	- 2·3	- 6·1	2·5	8·4	19·1	8·9	19·6	5·1	22·9	5·2
1888	7·4	- 7·6	-36·3	-28·4	- 7·1	-11·9	3·8	7·1	1·8	25·1	10·9	14·5	- 1·7
1889	0·3	15·5	-18·3	-15·7	-34·5	-16·3	4·3	22·9	7·4	- 6·9	0·5	- 1·8	- 3·6
1890	23·1	- 5·3	- 5·1	-10·4	-16·5	8·1	12·7	10·4	6·9	33·0	- 5·3	-14·5	3·1
1891	-14·7	0·5	3·8	-28·4	-18·8	-23·4	- 3·6	14·7	19·8	9·7	- 1·8	15·5	- 2·2
1892	7·9	- 4·3	-31·8	-18·0	- 2·5	1·8	15·2	10·2	10·7	8·1	- 5·1	6·4	- 0·1
1893	-32·8	-41·7	- 1·0	- 0·5	-15·2	3·0	- 0·8	13·5	40·6	28·4	27·7	23·6	3·7
1894	2·5	28·2	12·4	-23·6	-32·5	-19·3	- 4·6	11·7	8·1	- 4·8	9·9	15·2	0·3
1895	0·3	-28·4	-25·7	-13·5	-32·0	-22·4	15·2	10·2	28·4	27·4	25·1	- 6·4	1·8
1896	..	23·1	11·3	- 2·2	2·7	5·4	18·1	11·3	- 0·3	5·3	3·6	-14·5	..
1897	-18·4	4·5	0·3	2·0	- 0·7	- 1·7	14·3	4·9	25·3	14·4	9·0	14·0	5·7
1898	28·9	39·1	11·3	- 1·2	- 9·4	6·1	35·3	18·5	23·1	- 6·2	7·7	37·3	15·9
1899	35·6	33·2	26·1	23·1	- 1·9	10·6	- 2·9	22·5	28·1	35·8	51·2	27·5	21·0
1900	-15·9	-21·3	- 7·4	1·2	6·3	- 0·3	10·4	10·8	6·2	29·8	- 5·4	14·0	2·4
1901	2·3	11·1	-19·4	- 3·9	-23·7	- 4·3	- 8·6	0·6	- 8·5	- 3·6	24·2	17·5	1·4
1902	36·6	10·9	- 2·2	-19·4	- 8·8	- 3·0	18·0	25·3	21·1	- 3·3	5·5	- 8·3	6·0

TABLE B—*continued.*

VENTSPILS (WINDAU)—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1903	..	..	23·3	25·6	4·6	- 4·1	10·0	38·3	33·2	9·2	21·3	- 1·4	..
1904	- 8·4	- 3·5	-30·9	- 9·8	- 3·5	6·5	22·2	21·8	- 3·3	1·3	23·7	31·2	3·9
1905	25·2	32·4	-14·5	- 7·8	- 5·7	-10·4	16·3	20·0	20·0	21·0	- 2·6	24·5	9·9
1906	19·5	14·6	29·4	0·5	-14·1	7·2	17·1	22·9	8·9	- 6·0	- 8·6	25·8	9·8
1907	12·1	1·4	17·5	- 5·6	5·7	0·1	13·8	35·4	29·7	- 2·2	-20·0	-16·6	11·2
1908	5·1	31·2	-25·0	-18·3	- 7·5	- 7·7	- 5·4	11·0	20·0	- 6·1	- 4·3	9·6	0·2
1909	2·1	5·8	-22·2	- 9·8	- 4·1	4·2	18·5	32·8	10·6	4·8	17·8	8·9	5·8
1910	34·3	9·4	2·9	- 4·5	- 1·8	- 7·7	16·3	7·6	1·4	6·3	1·1	- 5·9	5·0
1911	19·8	18·5	8·1	- 0·3	- 4·3	- 8·1	14·2	4·1	27·2	10·7	28·4	- 5·6	9·4
1912	- 9·4	- 2·3	- 2·5	10·4	6·1	14·2	- 7·4	14·0	24·1	1·3	16·0	41·1	8·8
1913	13·2	10·4	35·3	3·8	13·0	11·7	17·5	18·5	- 9·4	- 7·1	31·2	61·0	14·4
1920	..	..	..	10·3	23·4	22·1	28·0	37·8	24·9	- 1·0	8·3	- 6·8	..
1921	47·4	30·5	37·0	30·4	8·3	26·1	41·4	39·1	44·6	..	..	..	..
1922	46·6	8·2	26·7	-14·0	1·0	13·0	15·0	18·1	9·0	- 2·8	15·1	23·0	13·2
1923	22·3	3·9	-33·4	-30·4	- 2·7	23·0	17·7	33·1	23·3	36·3	44·9	17·2	12·9
1924	- 8·1	7·4	- 5·8	4·1	- 8·0	1·5	23·6	2·8	7·4	5·9	11·7	5·0	4·0
1925	42·6	26·0	- 1·0	- 7·5	-15·2	9·6	0·3	11·3	29·0	29·4	8·7	13·1	12·2
1926	-10·3	-29·6	4·0	- 9·4	-12·3	- 6·5	- 1·5	17·0	24·6	14·9	2·3	11·5	0·4
1927	12·0	- 3·3	-12·4	7·7	13·1	17·6	7·4	10·5	13·5	29·7	16·4	-25·7	7·2
1928	-11·5	- 1·5	-35·9	-19·9	-13·9	16·9	33·9	29·5	19·3	14·8	15·9	16·9	5·4
1929	- 6·4	-39·8	-13·0	- 0·8	- 3·1	9·9	20·0	12·1	18·6	28·7	15·2	16·1	5·1
1930	14·4	-13·0	- 8·9	-23·7	-16·7	- 7·2	11·9	25·8	- 8·5	9·2	47·6	1·1	2·7
1931	9·8	-19·4	- 7·2	- 7·3	-12·5	4·9	18·2	10·6	14·0	26·3	4·5	17·2	4·9
1932	38·8	19·5	- 9·1	0·3	- 7·7	- 0·3	4·5	15·1	24·4	27·7	7·7	11·6	11·0
1933	- 8·7	4·8	-15·9	11·0	- 8·2	-16·4	8·2	24·8	- 3·7	- 6·9	- 5·1	-13·7	- 2·5
1934	- 1·9	28·1	1·2	-35·7	- 5·4	3·9	7·7	13·4	0·0	29·6	23·9	- 4·7	5·0
1935	- 9·9	22·3	- 3·0	3·2	-17·9	- 3·8	22·3	15·2	18·3	35·2	4·7	7·5	7·8
1936	11·1	- 7·4	-22·6	- 5·5	-22·0	- 9·6	2·3	10·4	3·4	12·9	14·2	27·5	1·2

PÄVILOSTA (PAULSHAFEN). The mean values increase upwards; the unit is 1 centimetre.

1929	..	..	..	..	..	88·7	94·4	85·7	96·4	102·0	86·8	85·6	..
1930	85·9	61·6	64·4	51·0	56·9	62·5	85·4	94·1	65·5	82·6	118·2	73·4	75·2
1931	83·5	53·4	67·3	65·9	59·3	76·1	89·2	83·9	89·4	99·3	77·7	90·5	78·2
1932	108·0	96·5	65·0	72·6	66·3	74·1	79·9	90·9	96·4	101·0	80·9	84·1	84·6
1933	66·0	79·5	60·1	87·5	67·0	60·3	82·5	99·1	75·2	69·3	71·0	61·9	73·2
1934	71·5	102·9	76·4	42·0	70·2	79·4	80·8	88·1	74·8	102·7	97·7	69·0	79·6
1935	62·1	97·6	71·3	77·1	58·0	72·2	96·1	89·6	91·4	108·3	78·1	81·5	81·9
1936	84·2	70·6	52·7	69·5	54·8	65·2	76·6	85·0	78·7	88·8	86·5	98·7	75·9

PAPE (PAPENSEE). The mean values increase upwards; the unit is 1 centimetre.

1929	..	..	..	..	..	..	133·2	125·1	136·5	145·8	127·2	127·4	..
1930	122·1	97·8	103·2	88·5	93·8	99·3	122·1	133·1	105·4	123·8	160·6	114·7	113·8
1931	119·7	97·8	109·4	103·6	99·9	115·6	131·0	122·8	126·8	139·9	115·9	134·0	118·2
1932	150·8	136·3	105·1	112·4	105·2	111·9	118·2	127·9	136·1	141·1	121·2	124·8	124·2
1933	101·5	118·3	98·2	127·6	107·5	100·5	122·2	142·5	115·5	112·2	113·9	101·2	113·4
1934	110·4	145·0	117·1	82·9	111·0	120·1	122·3	128·9	113·9	146·5	136·3	108·6	120·3
1935	106·0	136·0	113·5	117·7	97·8	112·1	140·6	132·4	136·1	152·8	117·5	120·4	123·6
1936	127·4	111·2	95·6	110·9	93·4	104·6	116·0	126·3	118·1	127·2	127·2	137·7	116·3

LIEPĀJA (LIBAU). The mean values increase upwards ; the unit is 1 centimetre.

1865–1890, Julian Calendar Style.

1865	- 6·2	-16·3	-31·6	-13·8	- 6·2	9·1	6·5	9·1	- 1·1	- 6·2	- 1·1	11·6	- 3·9
1866	44·6	14·2	-26·5	- 8·7	-11·2	6·5	21·8	26·9	4·0	4·0	42·1	31·9	12·4
1867	1·5	6·5	- 8·7	6·5	-10·3	14·2	16·7	4·0	16·7	21·8	42·1	6·5	9·3
1868	24·3	42·1	- 1·1	- 1·1	- 1·1	11·6	- 8·6	- 6·2	1·5	14·2	- 1·1	1·5	6·3
1869	- 8·7	24·3	-26·5	-18·9	- 6·2	4·0	4·0	6·5	21·8	37·0	16·7	- 6·2	4·0

LATVIA

TABLE B—*continued.*

LIEPĀJA (LIBAU)—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1870	-23·9	-23·9	-21·4	- 8·7	1·5	11·6	- 3·6	- 1·1	6·5	1·5	- 8·7	-21·4	- 7·6
1871	-31·6	-16·3	6·5	-11·2	4·0	-13·8	6·5	6·5	- 8·7	-13·8	- 3·6	11·6	- 5·3
1872	-21·4	-34·1	-29·0	- 8·7	-16·3	- 8·7	1·5	- 6·2	24·3	1·5	- 3·6	- 6·2	- 8·9
1873	1·5	- 3·6	-31·6	-21·4	1·5	1·5	11·6	6·5	21·8	24·3	26·9	42·1	6·8
1874	39·6	- 6·2	1·5	- 8·7	-18·9	4·0	4·0	11·6	11·6	11·6	16·7	-18·9	4·0
1875	- 6·2	-44·3	-26·5	-13·8	- 3·6	- 8·7	-18·9	- 6·2	- 3·6	-31·6	-29·0	-16·3	-17·4
1876	-13·8	-13·8	- 1·1	-23·9	-18·9	- 8·7	9·1	1·5	11·6	- 3·6	-31·6	-41·7	-11·2
1877	-18·9	- 6·2	-13·8	-23·9	-23·9	- 3·6	14·2	9·1	6·5	19·2	9·1	- 3·6	- 3·0
1878	9·1	21·8	11·6	-29·0	- 1·1	9·1	4·0	6·5	24·3	9·1	- 3·6	6·5	5·7
1879	-22·7	-17·8	-18·1	-21·9	-15·1	4·5	10·6	5·8	3·7	20·0	0·7	11·4	- 3·2
1880	7·8	- 0·3	-16·8	-15·6	- 7·2	- 6·7	4·0	-10·7	- 4·1	19·7	37·8	43·9	4·3
1881	2·0	-22·4	-10·2	- 8·4	- 7·9	0·1	17·7	18·0	-10·7	-13·3	13·7	13·4	- 0·7
1882	24·1	34·5	15·7	-12·5	- 1·3	0·7	6·8	12·1	26·4	-35·9	-20·6	-23·2	2·2
1883	-25·5	-12·3	-11·5	-22·7	- 2·9	- 3·1	17·0	20·5	3·7	10·9	24·8	31·2	2·5
1884	37·0	- 7·9	-27·2	-24·4	- 0·3	5·8	7·0	-12·5	- 8·2	26·6	11·9	11·4	1·6
1885	-19·6	- 9·5	2·7	-22·7	- 0·8	6·3	2·5	9·8	18·0	8·3	10·1	32·2	3·1
1886	-12·3	-41·5	-32·1	-22·4	-17·1	6·8	21·0	9·1	9·3	-26·7	3·0	7·3	- 8·0
1887	- 9·5	- 3·6	-11·5	- 6·2	- 9·2	12·9	11·4	14·9	14·2	19·7	12·9	16·4	5·2
1888	2·0	-24·4	-34·1	-21·9	- 0·3	-10·2	7·6	2·7	5·0	15·4	13·1	8·6	- 3·0
1889	9·9	0·0	- 6·9	-16·8	-25·7	- 6·1	14·2	22·1	12·4	- 9·9	2·0	- 0·5	- 0·4
1890	20·5	-11·5	- 0·8	-11·7	- 3·1	8·9	14·2	11·7	18·5	28·9	- 1·3	-22·4	4·3
1891	-14·4	3·6	6·4	-22·0	-10·6	-12·4	- 2·7	13·3	15·3	5·2	-10·3	12·5	- 1·3
1892	11·8	7·4	-28·4	- 6·8	- 1·2	2·9	17·3	11·5	10·5	0·8	-10·3	12·5	2·3
1893	-12·4	- 8·1	12·0	2·9	-14·9	- 0·4	- 1·5	12·0	35·4	30·6	35·9	22·7	9·5
1896	6·7	21·2	4·4	- 4·8	1·9	2·9	16·1	9·7	- 0·2	2·9	3·1	-11·9	4·3
1897	-21·0	- 2·0	- 6·0	- 2·0	- 2·5	- 2·2	14·3	4·1	22·7	13·3	8·2	13·8	3·4
1898	27·3	36·4	2·9	- 9·1	-10·1	1·6	31·1	16·8	23·4	- 5·8	7·2	47·3	14·1
1899	38·9	20·6	22·2	14·0	- 3·7	8·5	0·8	21·4	27·8	33·9	48·8	23·7	21·4
1900	-11·9	-13·6	- 9·3	-10·6	1·9	- 1·7	9·7	12·0	15·8	35·1	- 1·2	20·6	3·9
1901	6·7	13·0	-17·2	- 6·3	-21·0	- 0·4	- 4·2	3·1	- 4·8	1·6	26·2	21·7	1·5
1902	41·7	9·0	- 2·0	-18·2	- 4·0	- 5·8	11·5	19·1	13·5	- 2·2	- 2·0	-13·1	4·0
1903	6·7	41·5	12·8	18·6	- 2·5	-10·1	5·2	30·6	20·1	1·6	14·8	- 5·8	11·1
1904	-20·2	-12·8	-40·0	-24·0	- 8·8	- 2·2	15·1	18·1	- 8·0	- 2·7	18·1	27·3	- 3·3
1905	23·0	26·3	-22·2	-12·6	-12·6	-16·4	10·5	14·8	13·6	17·6	- 7·0	20·9	4·7
1906	13·8	9·5	25·0	- 7·3	-18·9	1·1	9·5	16·6	2·7	-11·8	- 8·0	22·7	4·6
1907	7·0	- 5·0	10·0	-11·8	- 2·4	- 7·8	9·5	31·4	24·5	- 6·5	-23·5	-19·7	0·5
1908	4·2	32·9	-26·6	-26·8	-12·8	-13·1	-10·6	7·2	16·9	- 9·8	- 7·5	6·2	- 3·3
1909	- 1·9	2·7	-25·0	-15·6	- 9·3	1·4	16·4	26·0	5·4	- 1·9	13·8	4·2	1·4
1910	28·8	3·9	- 5·0	-11·3	- 7·8	-13·1	9·8	2·4	- 3·2	- 1·7	- 3·2	-10·0	- 0·9
1911	14·6	17·4	3·2	- 6·2	- 8·0	-13·9	9·0	0·1	23·0	8·0	21·5	-10·6	4·8
1912	-15·1	- 6·0	- 8·8	- 1·2	0·4	8·8	-11·3	10·8	20·7	- 3·2	11·8	34·7	3·5
1913	8·5	4·7	27·5	2·1	-17·2	7·2	13·8	14·3	-12·3	-11·8	26·3	60·3	10·3
1921	23·4	6·0	8·7	4·7	-15·1	5·3	20·9	17·4	22·1	23·2	2·4	4·7	10·3
1922	17·8	-16·1	11·8	-12·6	0·2	11·7	14·3	15·7	8·3	- 2·3	14·6	22·5	7·2
1923	20·2	1·9	-36·2	-32·8	- 5·0	21·3	15·0	30·6	19·4	34·8	41·3	16·4	10·6
1924	-11·6	6·2	- 9·4	- 0·5	-11·7	0·8	18·7	2·1	6·6	3·3	10·9	0·7	1·3
1925	39·2	24·2	- 2·4	-11·1	-16·7	9·0	- 0·2	12·0	28·5	29·6	12·7	17·5	11·9
1926	- 2·3	-19·6	9·5	- 7·2	-11·2	- 4·6	- 0·2	18·6	26·8	16·3	1·8	13·3	3·4
1927	12·3	- 1·8	-11·3	7·7	14·1	17·0	9·1	10·9	15·0	31·5	21·8	-11·8	9·5
1928	- 0·8	7·1	-34·8	-18·0	-12·8	15·8	32·3	29·4	20·1	16·6	18·2	19·6	7·7
1929	- 3·1	-35·6	-12·4	- 0·6	- 1·8	10·7	18·1	9·8	18·0	25·9	11·7	9·9	4·2
1930	10·1	-14·9	-11·8	-24·7	-20·1	-13·2	9·3	19·6	- 9·2	9·3	45·1	- 2·3	- 0·2
1931	7·8	-23·5	- 8·9	-12·4	-16·2	1·4	14·5	9·1	14·5	24·5	2·6	16·8	2·5
1932	32·3	19·4	-10·2	- 4·5	-10·3	- 3·3	2·7	11·7	20·8	24·5	4·5	7·5	7·9
1933	-12·4	4·3	-20·0	9·7	- 8·8	-15·6	7·4	25·7	0·0	- 7·4	- 4·7	-13·0	- 2·9
1934	- 2·2	26·9	1·4	-35·6	- 5·5	4·4	6·9	13·6	- 1·9	27·6	21·2	- 6·8	4·2
1935	-12·8	18·4	- 6·5	- 1·0	-20·2	- 7·5	20·1	14·3	14·1	31·6	2·6	5·1	4·8
1936	7·7	- 6·6	-23·6	- 7·8	-20·5	- 9·5	1·4	10·7	1·2	11·7	10·7	19·7	- 0·4

POLAND

§ 1. *Authorities.*

1. Instytut Hydrograficzny, Ministerstwo Komunikacji, Warszawa.

§ 2. *Apparatus.*

1. Recording gauge of Renqvist-Witting type.
2. Scale.

§ 3. *Datums.*

The standard surface of the Polish system of precision levelling is the N.N. (*Normal Null*) Amsterdam.

The bench-marks are as follows:—

Gdynia. A bracket fitted into the well of the gauge.

Hel. A fitting in the base of the building of the Protestant church.

POLAND

TABLE A: Stations, Authorities and Conditions

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations: Height Ratio	Apparatus for Observations: Time Scale	Methods of Reduction	Datums, § 3: Levelling System	Datums, § 3: Bench Marks	Periods: Table B	Periods: Table C
	° ′	° ′	§ 1	§ 1	§ 1	§ 2	1:	cm./hr.	p. 10	cm.	cm.		
Gdynia	54 32 N.	18 33 E.	1	1	1	1	1	1·2	4*f*	−200	+452·3	1931–6	..
Hel	54 36 „	18 48 „	1	1	1	2	..	..	4*o*	−163·7	−489·0	1931–5	..

TABLE B: Monthly and Annual Mean Heights of Sea-Level

GDYNIA. The mean values increase upwards; the unit is 1 centimetre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1931	193·3	170·1	188·4	182·0	181·5	192·0	206·3	203·3	210·5	211·7	195·2	203·6	194·8
1932	214·0	216·7	184·2	188·3	186·4	193·8	198·8	207·4	208·1	214·3	193·0	197·7	200·2
1933	182·3	197·6	173·4	202·3	188·1	183·2	199·8	219·6	202·4	184·9	188·2	181·2	191·9
1934	182·8	212·9	189·9	161·5	186·9	198·6	201·4	202·5	193·2	213·8	211·7	186·6	195·1
1935	179·8	207·1	189·9	194·9	180·3	188·2	213·2	211·3	203·5	218·3	192·5	194·2	197·8
1936	197·8	193·2	171·5	184·2	176·2	184·6	191·4	201·3	199·2	204·0	200·2	199·5	191·9

HEL. The mean values increase upwards; the unit is 1 centimetre.

1931	159*i*	132*i*	156*i*	147*i*	147*i*	157	171	169	174	177	159	169	(159·7)
1932	180	183	149	155	152	158	164	175	174	182	158	163	166·1
1933	148	163	140	167	152	147	165	185	166	149	152	144	156·5
1934	148	180	157	125	152	163	168	172	157	177	176	149	160·3
1935	144	172	153	160	144	154	178	175	168	185	157	159	162·4

( ), the enclosed mean value has been calculated from an incomplete series of observations; *i*, the mean values have been obtained by interpolation or inference.

GERMANY

§ 1. *Authorities.*

1. Geodätisches Institut, Potsdam.
   - *a.* W. Seibt: Das Mittelwasser der Ostsee bei Swinemünde, Erste Mittheilung, 1881.
   - *b.* W. Seibt: Das Mittelwasser der Ostsee bei Travemünde, 1885.
   - *c.* W. Seibt: Das Mittelwasser der Ostsee bei Swinemünde, Zweite Mittheilung, 1890.
   - *d.* A. Westphal: Das Mittelwasser der Ostsee, 1900.
   - *e.* Kühnen: Das Mittelwasser der Ostsee und das Mittelwasser der Nordsee, 1916.
   - *f.* Jahresberichte des Direktors.
2. Reichsmarineamt.
3. Grossherzoglich Mecklenburgisches Ministerium des Innern.
   - *a.* Grossherzoglich Mecklenburgische Landesvermessung, IV. Theil, Schwerin, 1882.
4. Lübischer Staat.
5. Bremischer Staat.
6. Stadt Wismar.
7. Stadt Rostock.
8. Annalen der Hydrographie und Maritimen Meteorologie, 1883, 1931–6, Berlin.
9. Centralblatt der Bauverwaltung, 1891 Nov., 1893 Dec., 1897 Nr. 50.
10. Zeitschrift für Instrumentenkunde: 1887 S. 7 ff., S. 243 ff.; 1891 S. 351 ff.; 1894 S. 41 ff.; 1895 S. 193 ff.

§ 2. *Apparatus.*

1. Recording gauge of
   - *a.* Seibt-Fuess design, described in Authorities 1*d*, 9, 10.
   - *b.* Seibt-Fuess design fitted with integrating mechanism for determination of mean values, described in Authorities 1*d*, 10.
   - *c.* Veitmeyer design, described in Authority 1*a*.
   - *d.* Other design, described in Authorities 1*d*, 8, 10.
2. Pole.

GERMANY

§ 3. *Datums.*

The standard surface of the German system of precision levelling, *Normalnull* or N.N., is marked by a fixed point near Berlin.

Table A gives the height of N.N. over the bench-marks, described in Authorities 1*a*, 1*c*, 1*d*, 1*e* and 3*a*, as obtained by the coast levelling of the Landesaufnahme, 1896–8.

GERMANY

TABLE A: STATIONS, AUTHORITIES AND CONDITIONS

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datum, § 3		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
			§ 1	§ 1	§ 1	§ 2	1:	cm./hr.	p. 10	cm.	cm.		
Memel	55° 43′ N.	21° 07′ E.	1, 1*e*	1	1	1*a*	20	0·2	4*h*	0·0	−202·4	1898–1910	..
			1, 1*f*									1911–9	..
Pillau	54 38 „	19 54 „	1, 1*e*	1	1	1*a*	20	0·2	4*h*	−5·6	−296·8	1898–1910	..
			1, 1*f*							−5·7	−296·9	1911–28	..
			8							0·0	−291·2	1929–31	..
									2*a*			1932–6	..
Stolpmünde	54 35 „	16 51 „	1, 1*f*	1	1	1*a*	20	0·2	4*h*	+4·8	..	1911–28	..
			8								..	1929–31	..
									2*a*	0·0	..	1932–6	..
Swinemünde	53 56 „	14 17 „	1, 1*a*, 1*c*	..	..	2	..	..	4*o*	..	−191·7	1811–70	..
				1	1	1*c*		2·1	2*a*, 4*h*	..		1870–81	..
			1, 1*a*, 1*c*, 1*d*							0·0	− 84·4	1882–7	..
			1, 1*d*			2	..	..	4*k*			1887–91	..
						1*b*	10	1·0	2*a*			1891–7	..
			1, 1*e*									1898–1900	..
									4*c*			1901–7	..
									4*h*			1908–10	..
			1, 1*f*									1911–28	..
			8									1929–36	..
Arkona	54 41 „	13 26 „	1, 1*d*	2	2	1*d*	5	..	1	..	−199·7	1882–92	..
				1	1	1*a*	20	0·2	4*h*	..		1893–7	..
			1, 1*e*							..		1898–1910	..
			1, 1*f*							+1·2	−198·5	1911–28	..
			8									1929–31	..
									2*a*	0·0	−199·7	1932–6	..
Warnemünde	54 11 „	12 05 „	3*a*	3	3	2	..	..	4*o*	..	..	..	1856–70
							..	..	4*l*	..	..	..	1870–81
			1, 1*d*				..	..		..	−435·0	1882	..
				7, 1	1		..	..		..		1883–94	..
							..	..	4*m*	..		1895	..
						1*a*	20	0·2	4*h*	..		1894, 95–7	..
										..		1898–1910	..
			1, 1*e*							+1·1	−433·9	1911–8	..
			1, 1*f*							+2·8	−432·2	1919–28	..
			8									1929–31	..
									2*a*	0·0	−435·0	1931–6	..
Wismar	53 54 „	11 28 „	3*a*	3	3	2	..	..	4*a*	..	..	..	1849–58
							..	..	4*i*	..	..	..	1859–81
			1, 1*d*	3, 6, 1	3, 1		..	..		..	−369·2	1882–94	..
				1	1	1*a*	20	0·2	4*h*	..		1894–7	..
			1, 1*e*							..		1898–1910	..
			1, 1*f*							..		1911–28	..
			8							−2·1	−371·3	1929–31	..
									2*a*	0·0	−369·2	1932–6	..
Travemünde	53 58 „	10 53 „	1, 1*b*	4	..	2	..	..	4*o*	..	− 10·6	1855–74	..
					..		..	..	4*k*	..		1875	..
					..		..	..	4*a*	..		1875–81	..
			1, 1*d*	4, 1	1		..	..		..	−455·9	1882–6	..
						1*a*	10	1·0	3	..		1886–92	..
									4*h*	..		1893–7	..
			1, 1*e*			1*a*	20	0·2		..		1898–1910	..
			1, 1*f*							+4·5	−451·4	1911–28	..
			8									1929–31	..
									2*a*	0·0	−455·9	1932–6	..
Marienleuchte	54 30 „	11 15 „	1, 1*d*	2	2	1*d*	5	..	1	+1·1	−717·8	1882–92	..
				1	1	1*a*	20	0·2	2*a*, 1			1893–7	..
			1, 1*e*						4*h*			1898–1910	..
			1, 1*f*									1911–28	..
			8									1929–31	..
									2*a*	0·0	−718·9	1932–6	..
Bremerhaven	53 33 „	8 34 „	1, 1*e*	5	1	1*a*	15	3·0	2*a*, 1	−1·0	−604·1	1898–1910	..
			1, 1*f*							−3·0	−606·1	1911–3	..
										−6·0	−609·1	1913–25	..
										0·0	−603·1	1926–8	..
			8									1929–36	..

GERMANY

TABLE B: Monthly and Annual Mean Heights of Sea-Level

MEMEL. The mean values increase upwards; the unit is 1 metre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1898	·2604	·3604	·0287	-·0329	-·1021	·0293	·3219	·1424	·2097	-·0697	·0254	·4835	·1381
1899	·3915	·2148	·2366	·1443	-·0356	·0793	-·0078	·2038	·2479	·3255	·5056	·2523	·2132
1900	-·1705	-·1812	-·1094	·0272	·0428	-·0325	·0779	·0778	·1311	·3090	-·0564	·1941	·0258
1901	·0221	·1128	-·1972	·0575	-·1980	-·0259	-·0580	-·0001	-·0876	-·0648	·2223	·1806	-·0030
1902	·4245	·0356	-·0479	-·1164	-·0803	-·0255	·1639	·2276	·1827	·0230	·0271	-·0879	·0605
1903	·1176	·5230	·2290	·2605	·0429	-·0363	·1159	·3869	·2745	·0812	·2088	-·0117	·1827
1904	-·1562	-·0493	-·3055	-·0834	·0107	·0421	·1976	·2300	-·0179	·0102	·2371	·3318	·0373
1905	·3024	·3008	-·1291	·0343	-·0424	-·1048	·1527	·1994	·1923	·2271	-·0150	·2583	·1147
1906	·1735	·1218	·4000	·0500	-·1226	·0747	·1472	·2242	·0928	-·0844	-·0684	·2521	·1051
1907	·1050	-·0546	·1333	·0043	·0376	-·0286	·1462	·3350	·2908	-·0457	-·2100	-·1542	·0466
1908	·0612	·3338	-·1700	-·0776	-·0494	-·0782	-·0459	·1228	·2087	-·0651	-·0591	·0748	·0213
1909	-·0129	·0389	-·2446	-·0332	-·0571	·0256	·1849	·3006	·0769	-·0023	·1826	·0716	·0442
1910	·3490	·0552	·0276	-·0601	-·0234	-·0867	·1369	·1104	·0334	·0588	-·0011	-·0310	·0474
1911	·2136	·2165	·1452	·0524	·0157	-·0680	·1410	·0593	·2685	·1057	·2367	-·0997	·1062
1912	-·1050	-·0355	-·0144	·1419	·0481	·1211	-·0638	·1304	·2561	·0176	·1432	·3867	·0853
1913	·1301	·0995	·3148	·1088	-·0991	·1118	·1896	·2054	-·0534	-·0793	·3012	·7046	·1612
1914	·4078	·3336	·1533	·0606	·1020	-·0166	·0084	·1078	·1203	·0940	-·1427	·1266	·1129
1915	-·0569	-·1226	-·0332	·1483	-·0099	·0298	·0908	·1862	·2057	-·1684	-·0396	·1183	·0290
1916	·3350	·2170	-·2014	·0218	-·0511	·0416	·1593	·2433	·1603	·2154	-·0151	-·0275	·0916
1917	-·0330	-·0793	-·1974	·1621	-·0102	-·0984	·0117	-·0547	·2359	·2418	·3180	·5093	·0838
1918	·2682	·1378	-·1108	-·1700	-·3114	·0893	·1518	·1779	·3157	·1880	·0024	·0014	·0617
1919	-·0839	-·1263	-·1659	·0124	-·1410	·0808	·1592	·3789	..	..	..	..	..

PILLAU. The mean values increase upwards; the unit is 1 metre.

1898	·1745	·2905	-·0194	-·0873	-·1218	·0075	·2728	·1190	·2055	-·0933	-·0297	·3337	·0877
1899	·3100	·1584	·1613	·0723	-·0191	·0867	·0123	·2101	·2008	·2769	·4198	·1631	·1710
1900	-·2017	-·1907	-·1078	-·1421	-·0034	-·0268	·0742	·0691	·1020	·2369	-·0842	·1017	-·0144
1901	-·0472	·0569	-·2067	-·1107	-·2148	-·0328	-·0363	·0277	-·0815	-·1087	·1697	·1542	-·0358
1902	·3324	-·0031	-·0815	-·1865	-·0917	-·0136	·1522	·1994	·1413	-·0154	-·0087	-·1207	·0253
1903	·0496	·3958	·1308	·2319	·0294	-·0131	·1358	·3273	·2249	·0380	·1565	-·0603	·1372
1904	-·1995	-·0525	-·3113	-·1955	-·0280	·0249	·1884	·2050	-·0386	-·0007	·1789	·2768	·0040
1905	·2185	·2406	-·1875	-·0674	-·0650	-·0905	·1606	·1778	·1753	·1598	-·0662	·2189	·0729
1906	·1068	·0697	·2768	-·0242	-·1306	·0738	·1560	·2157	·0960	-·1006	-·0984	·2004	·0701
1907	·0778	-·0757	·1220	-·0671	·0156	-·0369	·1542	·2877	·2601	-·0545	-·2192	-·1441	·0267
1908	·0169	·2949	-·1875	-·2087	-·0755	-·0670	-·0298	·1461	·1845	-·0643	-·0888	·0513	-·0023
1909	-·0474	·0447	-·2332	-·0850	-·0628	·0422	·1648	·2747	·0740	-·1400	·1470	-·0850	·0078
1910	·2522	·0083	-·0218	-·0778	-·0163	-·0643	·1373	·0931	-·0032	·0247	-·0458	-·1145	·0143
1911	·1614	·1653	·0915	-·0189	·0086	-·0546	·1474	·0706	·2597	·0636	·1600	-·1038	·0784
1912	-·1195	-·0461	-·0575	·1095	·0518	·1139	-·0515	·1371	·2468	-·0051	·0968	·2990	·0643
1913	·0949	·0529	·2320	·0695	-·1085	·1063	·2109	·2117	-·0229	-·0899	·2466	·6367	·1367
1914	·3154	·2053	·0796	-·0083	·1014	·0017	·0348	·1189	·1284	·0965	-·1801	·0656	·0799
1915	-·0565	-·1328	-·0525	·0178	-·0314	·0522	·0906	·1900	·2163	-·1426	-·0516	·0822	·0156
1916	·2490	·1336	-·2380	-·0738	-·0686	·0204	·1212	·2056	·1102	·1411	-·0703	-·0665	·0387
1917	-·0165	-·1036	-·1960	-·0087	-·0753	-·0885	·0382	-·0546	·2021	·1804	·2533	·4092	·0425
1918	·1927	·0616	-·1456	-·2018	-·2921	·0963	·1601	·1638	·2102	·1646	-·0321	-·0282	·0316
1919	-·1098	-·1429	-·2054	-·0522	-·1578	·0836	·1631	·3459	·1809	·2125	-·2407	·0361	·0094
1920	·0671	·0864	·0753	-·0903	·0371	·0576	·0759	·2035	·0807	-·1765	-·1869	-·2790	-·0041
1921	·2266	·0868	·0459	·0788	-·0999	·1068	·2314	·1886	·2330	·2462	·1359	·1048	·1321
1922	·2088	-·1548	·1199	-·0954	·0015	·1440	·1765	·1832	·1028	·0409	·1428	·2288	·0916
1923	·1505	·0574	-·2875	-·2613	-·0351	·2132	·1693	·3068	·2023	·3012	·3555	·1823	·1129
1924	-·0903	·0828	-·0534	·0298	-·0721	·0375	·2084	·0665	·0581	·0432	·0964	-·0314	·0313
1925	·3333	·2195	·0042	-·0706	-·1229	·1519	·0473	·1930	·2776	·2907	·1477	·1403	·1343
1926	-·0043	-·1620	·0960	-·0382	-·0642	·0049	·0652	·2328	·2992	·1842	·0376	·1660	·0681
1927	·0683	·0057	-·0764	·0786	·1689	·1828	·1365	·1283	·1495	·2731	·2021	-·1247	·0993
1928	-·0740	·0474	-·3403	-·1545	-·0871	·1489	·2954	·2904	·1969	·1334	·1141	·1478	·0599
1929	-·1017	-·3954	-·1816	-·0670	-·0649	·0333	·1285	·0454	·1394	·1898	·0333	-·0068	-·0206
1930	·0065	-·1545	-·1423	-·2164	-·1857	-·1292	·0935	·1642	-·0970	·0542	·3871	-·0573	-·0231
1931	·0242	-·2604	-·0499	-·1099	-·1352	·0007	·1212	·0937	·1584	·2028	-·0200	·1255	·0126
1932	·2193	·2253	-·0981	-·0497	-·0705	-·0060	·0509	·1400	·1570	·2024	-·0083	·0377	·0667
1933	-·138	·033	-·211	·094	-·058	-·118	·064	·254	·067	-·090	-·076	-·146	-·027
1934	-·128	·227	-·019	-·341	-·073	·053	·108	·141	-·013	·212	·178	-·095	·021
1935	-·168	·132	-·055	·000	-·160	-·059	·217	·172	·099	·255	-·038	·002	·033
1936	·032	-·047	-·223	-·069	-·173	-·073	-·014	·101	·061	·117	·082	·131	-·006

TABLE B—*continued.*

STOLPMÜNDE. The mean values increase upwards; the unit is 1 metre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1911	·0431	·0489	-·0257	-·1210	-·0967	-·1562	·0432	-·0397	·1393	-·0476	·0315	-·1724	-·0301
1912	-·2024	-·1300	-·1803	-·0251	-·0675	·0069	-·1568	·0232	·1415	-·0983	-·0187	·1647	-·0455
1913	-·0082	-·0749	·0754	-·0268	-·2103	-·0067	·0852	·0897	-·1313	-·1904	·1110	·4994	·0177
1914	·1741	·0828	-·0267	-·1259	-·0026	-·1012	-·0710	·0008	·0315	·0125	-·2763	-·0297	-·0276
1915	-·1158	-·2132	-·1541	-·1087	-·1439	-·0578	-·0139	·0778	·1071	-·1927	-·1350	·0174	-·0777
1916	·1174	·0488	-·2794	-·1490	-·1495	-·0080	·0179	·1119	·0228	·0411	-·1385	-·1064	-·0442
1917	-·1033	-·1908	-·2694	-·1145	-·1726	-·1882	-·0727	-·1514	·0675	·0678	·1139	·3023	-·0593
1918	·0722	-·0496	-·2316	-·2654	-·3769	-·0066	·0498	·0432	·1084	·0576	-·1224	-·1087	-·0692
1919	-·1783	-·2089	-·2895	-·1516	-·2577	-·0109	·0547	·2051	·0423	·1163	-·2858	-·0471	-·0843
1920	-·0352	-·0223	-·0243	-·1685	-·0497	-·0420	-·0349	·1103	-·0124	-·2818	-·3023	-·3500	-·1011
1921	·0956	-·0062	-·0905	-·0207	-·2042	·0011	·0944	·0587	·0926	·1218	·0569	-·0306	·0141
1922	·1193	-·2504	·0027	-·1833	-·0999	·0246	·0808	·0840	·0100	-·0643	·0376	·1334	-·0088
1923	·0414	·0032	-·3635	-·3442	-·1368	·1083	·0503	·1783	·0862	·1722	·2337	·0966	·0105
1924	-·1521	-·0015	-·1450	-·0838	-·1700	-·0663	·1068	-·0355	-·0538	-·0590	-·0276	-·1371	-·0687
1925	·1780	·0985	-·0994	-·1643	-·2207	·0336	-·0766	·0514	·1609	·1702	·0364	·0452	·0178
1926	-·0747	-·2214	-·0177	-·1300	-·1601	-·0775	-·0488	·0741	·1608	·0678	-·0594	·0604	-·0355
1927	-·0104	-·0801	-·1546	-·0288	·0722	·0770	·0348	·0389	·0389	·1264	·1176	-·1856	·0039
1928	-·1783	-·0753	-·4131	-·2344	-·1881	·0379	·1672	·1758	·0937	·0476	·0446	·0716	·0376
1929	-·1088	-·3624	-·2097	-·1081	-·1030	·0032	·0880	-·0040	·1007	·1521	·0043	-·0504	-·0498
1930	-·0283	-·1707	-·1919	-·2267	-·2257	-·1830	·0341	·1019	-·1121	·0044	·2967	-·0830	-·0654
1931	·0021	-·2625	-·0992	-·1653	-·1766	-·0663	·0646	·0391	·1199	·1370	-·0580	·0477	-·0348
1932	·1669	·1979	-·0886	-·0457	-·0661	-·0160	·0475	·1190	·1300	·2186	-·0185	·0247	·0558
1933	-·106	·046	-·207	·080	-·070	-·112	·042	(·220)	(·068)	-·094	-·044	-·128	-·0254
1934	-·129	·196	-·019	-·329	-·077	·025	·078	·112	-·033	(·170)	(·158)	(-·074)	·0065
1935	(-·146)	·119	-·061	-·005	-·164	-·076	·170	·144	·067	·217	·003	·018	·0238
1936	·025	-·012	-·202	-·063	-·163	-·086	-·031	·079	·038	·110	·071	·084	-·0125

SWINEMÜNDE. The mean values increase upwards; the unit is 1 metre.

1811	·969	·900	·921	·975	·889	1·043	1·053	1·083	1·061	1·035	·926	1·192	1·005
1812	1·076	·939	·940	·944	·884	·923	1·077	1·096	1·056	·912	·966	·938	·980
1813	·961	·952	1·137	1·050	·894	1·004	1·042	1·146	1·058	1·032	·977	1·048	1·027
1814	1·106	1·031	·961	·977	·831	·863	1·020	1·015	1·136	·980	·831	·983	·978
1815	·949	·672	·986	1·043	·890	·972	1·113	1·162	1·165	·869	1·055	·845	·978
1816	1·099	1·142	1·099	·848	·932	·990	·921	1·119	1·040	1·031	·859	·973	1·004
1817	1·065	1·368	1·378	1·239	1·114	·988	1·014	1·053	·913	·969	·935	1·013	1·086
1818	·936	1·045	1·011	1·046	·923	·968	1·148	1·106	1·122	·775	·823	·952	·987
1819	1·006	·957	1·015	1·063	·970	·999	1·152	1·002	1·016	1·034	·914	·731	·988
1820	·884	·915	·888	·962	·955	·966	1·148	1·127	1·089	1·154	1·028	·947	1·006
1821	·885	1·157	·980	·908	·898	1·013	1·101	1·126	1·076	1·011	1·064	1·242	1·038
1822	1·261	1·194	1·317	1·223	·902	1·030	1·078	1·088	1·111	..	..	..	(1·133)
1823	..	..	..	..	1·010	·961	1·018	·936	1·095	·930	1·092	1·225	(1·019)
1824	1·080	1·103	·959	·836	1·019	·999	1·113	1·113	·958	·963	1·173	1·263	1·049
1825	1·396	1·223	·790	1·043	·995	1·028	1·143	1·098	1·068	·943	1·179	1·055	1·079
1826	·783	·818	·892	1·062	1·049	1·022	·999	1·021	·961	·902	·923	·860	·941
1827	1·170	·915	1·001	·995	·884	·936	1·101	1·107	·951	·854	1·103	·991	1·001
1828	·934	·932	1·013	·968	1·007	1·010	1·063	1·153	1·025	1·123	·953	1·152	1·029
1829	·884	·907	·979	·907	1·006	1·024	1·070	1·045	1·030	1·094	1·199	·855	1·000
1830	·832	·761	·971	1·153	·942	·971	1·033	1·051	1·049	1·084	1·162	·978	1·000
1831	1·014	·874	·922	·877	·982	1·018	·974	·996	1·035	·895	1·087	1·009	·972
1832	·924	·884	·728	·884	·995	·937	1·278	1·080	1·090	1·002	·890	·870	·964
1833	·882	·963	·798	·836	·927	·956	1·067	1·184	1·075	·743	·958	1·275	·972
1834	1·216	1·043	1·245	1·173	1·054	1·012	·997	·943	1·071	1·085	1·193	1·257	1·108
1835	1·044	1·142	1·072	1·038	·987	·928	1·018	1·077	·832	·935	·892	1·113	1·006
1836	·887	1·145	·999	1·033	1·048	1·004	1·107	1·113	1·099	·941	·971	1·087	1·036
1837	·983	·786	1·008	1·056	1·021	1·011	1·036	·993	1·043	·948	1·124	·998	1·002
1838	·788	·882	·935	1·018	·937	·947	1·019	1·141	1·084	·874	1·011	1·031	·973

( ), the enclosed mean values have been calculated from an incomplete series of observations.

GERMANY

TABLE B—*continued.*

SWINEMÜNDE—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1839	1·211	1·130	·923	·901	·892	·977	1·003	1·059	·982	·866	·741	·688	·947
1840	·906	·975	·890	·831	·927	1·070	1·076	1·070	·988	1·198	·993	·944	·989
1841	·946	·866	·893	·962	·927	1·096	1·018	1·016	·896	·970	·964	·999	·963
1842	·797	·746	·967	1·042	·893	1·011	1·132	·976	·887	·919	1·070	·963	·951
1843	1·161	1·175	·924	·898	·712	·942	1·069	1·035	1·095	1·109	1·026	1·267	1·034
1844	1·245	1·083	·993	·941	1·059	1·043	1·234	1·146	1·073	1·129	1·029	·815	1·066
1845	·778	1·061	·898	1·000	·953	·878	1·002	·992	1·100	1·128	1·024	1·088	·991
1846	1·202	1·203	1·187	1·059	·982	1·138	1·132	1·038	1·005	·907	·829	1·003	1·057
1847	·800	1·010	·965	1·004	·896	1·003	1·064	·989	1·029	1·037	1·015	·938	·979
1848	·573	·680	·887	·900	·901	·949	1·087	1·073	1·168	·940	·987	1·111	·939
1849	·895	1·221	1·325	·848	·826	1·039	1·103	1·078	·987	·902	1·107	·822	1·011
1850	·902	·914	1·411	·840	·697	·666	1·108	·944	1·071	1·019	1·158	1·151	·991
1851	1·010	·922	·972	·915	·961	1·134	1·135	1·043	1·119	·962	1·128	1·112	1·035
1852	1·078	1·099	1·009	·960	·881	·934	·978	·962	·938	1·038	·902	·983	·980
1853	1·109	·969	·854	·882	·942	·902	1·075	1·114	·993	1·062	·985	·779	·972
1854	·750	1·130	1·090	1·099	·992	·980	1·041	·984	1·258	1·096	1·215	1·099	1·060
1855	1·372	·896	·910	1·037	·972	·910	·981	1·084	1·111	1·060	·971	·947	1·022
1856	·964	1·082	·992	·913	·973	1·013	1·111	1·062	1·034	·936	1·048	1·095	1·018
1857	1·025	·779	·935	·777	·806	·909	1·068	1·077	·964	·971	·825	·998	·930
1858	1·056	·932	·877	1·070	·981	·916	1·021	1·040	·962	1·046	1·037	·852	·983
1859	·916	1·054	1·172	1·171	·952	·910	1·074	1·078	1·014	·928	·984	·866	1·009
1860	·919	1·029	·872	·927	·929	·977	1·130	1·035	1·120	1·026	·954	·860	·981
1861	·865	·951	1·030	·954	1·138	·989	1·003	1·172	1·213	·914	·869	1·066	1·014
1862	1·053	·983	·875	·859	·908	1·048	1·137	1·126	·957	·877	·894	·666	·948
1863	·887	1·192	·966	·945	·965	·964	1·075	1·111	1·002	·944	·976	1·133	1·012
1864	·928	·979	·856	·998	·886	·979	1·093	1·258	1·060	1·114	·910	·644	·975
1865	·969	·859	·860	·813	·881	1·078	1·030	1·061	1·071	·834	·971	·949	·949
1866	·985	1·212	·905	·815	·966	·936	1·125	1·103	·996	·850	1·116	1·130	1·010
1867	1·079	1·013	·950	1·084	·968	1·014	1·129	1·101	·990	1·063	1·352	1·297	1·087
1868	·942	1·257	1·180	1·060	1·068	1·102	1·091	·936	1·096	·950	1·145	·934	1·062
1869	·882	1·037	1·015	·831	·926	1·050	1·090	1·093	1·059	1·085	1·247	1·019	1·028
1870	·969	·700	·905	·857	1·024	1·058	1·138	1·060	1·115	1·049	·981	1·001	·990
1871	·834	·707	·986	1·084	1·000	1·069	·972	1·108	1·075	·906	·918	·940	·968
1872	·891	·670	·844	·960	·947	·988	·989	1·048	·997	·988	1·025	·909	·939
1873	1·010	·839	·880	·828	1·018	1·053	1·086	1·076	1·017	1·064	1·110	1·267	1·022
1874	1·168	1·246	·919	1·088	·974	1·069	1·060	1·122	1·057	1·005	1·159	1·034	1·074
1875	·836	·916	·749	·930	·989	1·029	·992	·990	1·036	1·033	·889	·875	·938
1876	·905	·946	1·122	·962	·929	1·052	1·115	1·061	1·126	1·021	·966	·832	1·003
1877	·811	1·032	1·007	1·000	·934	·976	1·111	1·141	1·165	1·057	1·113	·970	1·026
1878	1·078	1·086	1·271	·993	·884	1·159	1·206	1·048	1·112	1·114	1·035	1·042	1·086
1879	1·054	·993	1·023	·961	·944	1·019	1·171	1·068	1·102	1·148	1·278	·936	1·058
1880	1·165	·866	1·043	·892	1·007	1·034	1·029	1·112	·950	1·146	1·139	1·356	1·063
1881	1·203	1·025	·904	·987	·968	1·100	1·094	1·206	1·134	·942	·906	·936	1·034
1882	·0245	·0298	·1071	-·1597	-·0749	-·0202	-·0425	·0523	-·0093	-·3586	-·1777	-·2922	-·0775
1883	-·2591	-·2916	-·1026	-·1687	-·1365	-·0219	-·0117	·0618	·0203	-·0700	-·0150	·1980	-·0648
1884	·0397	·1237	-·2385	-·2495	-·1424	·0101	-·0309	-·0352	-·1837	-·0372	·0539	·0327	-·0553
1885	-·2517	-·2459	-·0664	-·1652	-·1738	·0062	·0199	·0197	·0190	·0216	-·1385	-·0423	-·0819
1886	·0298	-·3107	-·4305	-·1939	-·1948	-·1088	·0744	·0512	-·0194	-·1513	-·2723	-·0551	-·1301
1887	-·2851	-·2223	-·0726	-·0911	-·0898	-·0015	·0129	·0750	·0186	-·0064	-·0132	·0658	-·0497
1888	-·0967	-·0544	-·1987	-·1549	-·0750	-·0964	-·0288	-·0052	-·0930	-·0124	-·1633	·0522	-·0768
1889	-·1540	·1664	-·1097	-·0269	-·2246	-·1060	-·0000	·0631	·0325	-·0225	-·1204	-·1745	-·0582
1890	-·0591	-·0902	-·1920	-·0687	-·1340	·0316	·0164	-·0275	-·0142	·1566	·0861	-·1638	-·0383
1891	-·1477	-·1475	·0014	-·1505	-·1464	-·1066	-·0523	·0112	-·0119	-·0309	-·1558	-·0753	-·0836
1892	-·0580	·0663	-·2309	-·1366	-·0583	-·0403	·0677	·0019	-·0191	-·1404	-·2807	·0033	-·0689
1893	-·1361	-·1226	-·0084	-·0880	-·1216	-·0601	-·0565	·0302	·1051	·0838	·1313	-·0444	-·0236
1894	-·2235	·1407	-·0133	-·1935	-·1523	-·0695	-·0616	-·0048	·0668	-·1071	-·1262	-·0855	-·0707
1895	·0148	-·0951	-·1583	-·0392	-·1774	-·1412	-·0132	-·0260	·1056	·0369	-·0329	-·0606	-·0487
1896	-·1480	·0312	-·0621	-·1212	-·0094	-·0421	·0708	·0019	-·1234	-·1288	-·0579	-·2261	-·0683
1897	-·1922	-·2203	-·1166	-·0753	-·0318	-·0939	·0679	-·0444	-·0045	-·0019	-·1786	-·0959	-·0811
1898	-·0109	·1975	·0125	-·0812	-·1326	-·0590	·1433	·0136	·0834	-·1204	-·1498	·0438	-·0050
1899	·1633	·0638	·0401	-·0076	-·0117	·0571	-·0455	·1055	·0746	·1108	·2324	·1568	·0783

GERMANY

TABLE B—*continued.*

SWINEMÜNDE—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1900	-·2040	-·1435	-·0635	-·1830	-·0278	-·0677	·0100	·0005	-·0071	·0893	-·0785	-·0610	-·0614
1901	-·1680	-·0401	-·1714	-·1413	-·2001	-·1094	-·0943	-·0482	-·0920	-·1333	·0255	·1033	-·0891
1902	·1218	-·0605	-·1186	-·1912	-·1381	-·0582	·0668	·0864	·0409	-·1028	-·0958	-·1990	-·0540
1903	-·0915	·1475	·0164	·1936	·0048	-·0387	·0423	·1593	·1621	-·0227	·0719	-·0850	·0467
1904	-·2760	-·0807	-·2522	-·2345	-·0743	-·0451	·1075	·0588	-·0695	-·0711	·0312	·1803	-·0605
1905	·0661	·0884	-·2449	-·1017	-·1071	-·1019	·0683	·0862	·0917	·0692	-·0931	·0822	-·0080
1906	-·0245	-·0183	·0982	-·0690	-·1492	·0121	·0588	·1050	·0829	-·1685	-·1863	·0782	-·0150
1907	-·0475	-·1600	·0355	-·0870	-·0356	-·1093	·0899	·1411	·1581	-·0615	-·2748	-·1442	-·0413
1908	-·1372	·1764	-·1904	-·2326	-·1140	-·0867	-·0532	·0110	·0243	-·1178	-·2383	-·0448	-·0836
1909	-·2015	-·0163	-·2359	-·1347	-·1265	-·0151	·0481	·1398	·0154	-·1243	·1372	-·1028	-·0514
1910	·0780	-·0629	-·1066	-·1244	-·0296	-·0834	·0543	·0176	-·0296	-·0401	-·1193	-·1954	-·0534
1911	·0373	·0599	·0588	-·0569	-·0058	-·0926	·0637	·0102	·1402	-·0543	-·0298	-·1633	-·0034
1912	-·1623	-·0916	-·1362	·0150	-·0281	·0484	-·0822	·0323	·1761	-·0677	-·0395	·0923	-·0207
1913	·0143	-·0765	·0278	·0372	-·1214	·0172	·1309	·1413	-·0311	-·1472	·0486	·4597	·0417
1914	·1834	·0972	·0221	-·0777	·0613	-·0188	-·0076	·0402	·0389	·0876	-·2766	-·0630	·0072
1915	-·0653	-·1588	-·0784	-·0415	-·0613	·0169	-·0019	·1067	·1351	-·0674	-·1023	·0265	-·0241
1916	·1060	·0971	-·1369	-·0795	-·0771	-·0303	·0526	·1255	·0474	·0043	-·1208	-·0812	-·0077
1917	-·0146	-·1962	-·1654	-·0502	-·0674	-·1302	-·0136	-·1112	·0334	·0137	·0402	·2669	-·0329
1918	·0352	-·0398	-·1478	-·1540	-·2846	·0052	·0741	·0640	·0299	·1011	-·1001	-·1026	-·0433
1919	-·1223	-·1636	-·2317	-·1256	-·1613	·0062	·0823	·1689	·0285	·1337	-·2262	-·0400	-·0543
1920	-·0429	-·0190	·0189	-·0991	·0027	·0128	-·0026	·1582	·0382	-·2253	-·3284	-·3190	-·0671
1921	·0097	·0338	-·1073	·0309	-·1408	·0187	·0935	·0561	·0785	·0903	·0697	-·1181	·0096
1922	·1275	-·2398	·0354	-·1114	-·0798	·0461	·1005	·0898	·0342	-·0067	·0359	·1256	·0131
1923	·0207	·0708	-·2487	-·2473	-·1168	·1078	·0664	·1541	·0785	·1180	·1546	·1081	·0222
1924	-·1072	·0124	-·1122	-·0129	-·1022	-·0082	·1280	-·0015	-·0594	-·0489	-·0439	-·1453	-·0418
1925	·0961	·0824	-·0467	-·1016	-·1449	·0671	-·0105	·1140	·1370	·1707	·0699	·0179	·0376
1926	-·0354	-·1319	·0072	-·0439	-·0827	·0117	·0355	·1074	·1659	·0506	-·0129	·0653	·0114
1927	-·0010	-·0419	-·0895	-·0177	·1167	·0940	·0915	·0871	·0396	·0897	·1209	-·1036	·0322
1928	-·2054	-·0752	-·3199	-·1369	-·1048	·0598	·1639	·1915	·1238	·0670	·0269	·0932	-·0097
1929	-·0548	-·2579	-·1905	-·0318	-·0289	·0392	·1150	·0257	·1269	·1457	·0038	-·0791	-·0156
1930	-·0339	-·1053	-·1626	-·1156	-·1531	-·1069	·0811	·1115	-·0384	·0065	·2644	-·0254	-·0231
1931	·0136	-·1945	-·0232	-·0817	-·0730	-·0190	·0910	·0857	·1830	·1541	-·0153	·0286	·0124
1932	·0677	·2153	-·0957	-·0370	-·0415	-·0053	·0469	·1122	·0482	·1504	-·0559	-·0324	·0311
1933	-·100	·021	-·204	·073	-·057	-·086	·037	·173	·078	-·137	-·054	-·148	-·034
1934	-·204	·082	-·032	-·301	-·096	·006	·053	·084	-·059	·057	·093	-·080	-·033
1935	-·185	·041	-·042	·004	-·120	-·069	·120	·131	-·018	·118	-·027	-·033	-·007
1936	-·036	·015	-·165	-·070	-·103	-·080	-·058	·042	·029	·029	·000	-·032	-·036

ARKONA. The mean values increase upwards; the unit is 1 metre.

1882	-·0012	·0072	·0995	-·1388	-·0977	-·0168	-·0450	·0454	·0110	-·2648	-·1464	-·2508	-·0671
1883	-·2261	-·2580	-·1165	-·1760	-·1578	-·0421	-·0199	·0267	·0188	-·0459	·0291	·1801	-·0643
1884	·0319	·1234	-·1938	-·2309	-·1588	-·0110	-·0331	-·0168	-·1346	·0003	·0817	·0632	-·0404
1885	-·1711	-·1726	-·0638	-·1270	-·1423	·0005	·0058	·0263	·0457	·0859	-·0639	-·0024	-·0474
1886	·0699	-·2636	-·3439	-·1869	-·2003	-·1074	·0597	·0509	-·0099	-·0610	-·1973	·0061	-·0970
1887	-·2024	-·1629	-·0642	-·1318	-·1100	-·0373	·0035	·0560	·0605	·0256	·0125	·0751	-·0388
1888	-·0943	-·0451	-·2267	-·2407	-·1222	-·1207	-·0384	-·0110	-·0954	·0240	-·0875	·0695	-·0820
1889	-·1360	·1709	-·1297	-·0905	-·2378	-·1164	·0104	·0819	·0479	·0412	-·1104	-·1099	-·0498
1890	-·0340	-·0680	-·1385	-·0523	-·1405	·0120	·0222	·0036	-·0192	·1795	·1421	-·1106	-·0170
1891	-·1345	-·1596	-·0186	-·1478	-·1367	-·0865	-·0518	·0282	·0082	·0286	-·0807	·0363	-·0647
1892	-·0084	·0681	-·2129	-·1190	-·0509	-·0235	·0746	·0251	·0400	-·0477	-·1784	·0383	-·0330
1893	-·0761	-·0893	-·0338	-·0693	-·0929	-·0580	-·0342	·0501	·1448	·1375	·1758	·0119	·0059
1894	-·1204	·1390	-·0027	-·1792	-·1431	-·0800	-·0515	·0240	·0953	-·0334	-·0636	-·0196	-·0375
1895	·1038	-·0917	-·1306	-·0694	-·1450	-·1145	·0183	-·0035	·1089	·0787	·0383	·0285	-·0143
1896	-·1285	·0494	-·0231	-·1167	-·0293	-·0451	·0591	·0080	-·0653	-·0634	-·0227	·1349	-·0430
1897	-·1250	-·1923	-·0890	-·0865	-·0429	-·1054	·0650	-·0419	·0074	·0202	-·1171	-·0483	-·0618
1898	-·0041	·2098	·0512	-·0664	-·1186	-·0676	·1298	·0315	·0894	-·0182	-·0840	·0893	·0202
1899	·1838	·0713	·0341	·0050	-·0264	·0309	-·0498	·0879	·1027	·1098	·2319	·2078	·0824
1900	-·1496	-·1024	-·1056	-·1980	-·0465	-·0806	-·0119	·0050	-·0079	·1186	-·0108	-·0149	-·0504
1901	-·1250	-·0283	-·1293	-·1350	-·2194	-·1099	-·1023	-·0598	-·0565	-·0972	·0264	·1362	-·0750
1902	·1043	-·0446	-·0996	-·1507	-·1199	-·0551	·0550	·1112	·0283	-·0827	-·0838	-·1937	-·0443

GERMANY

TABLE B—*continued.*

ARKONA—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1903	-·0962	·0925	·0228	·1492	-·0412	-·0686	·0083	·1149	·1402	·0089	·0500	-·0726	·0257
1904	-·2549	-·0875	-·2467	-·2448	-·1085	-·0759	·0785	·0423	-·0624	-·0708	·0240	·1574	-·0708
1905	·0610	·0730	-·2050	-·0670	-·1325	-·1182	·0396	·0923	·1046	·0867	-·0228	·0641	-·0020
1906	-·0133	-·0061	·0627	-·0907	-·1603	-·0315	·0268	·0846	·0799	-·1204	-·1345	·0950	-·0173
1907	-·0357	-·1186	-·0194	-·1106	-·0467	-·1037	·0450	·1210	·1190	-·0367	-·2071	-·0920	-·0405
1908	-·1210	·1393	-·1781	-·2279	-·1350	-·0946	-·0658	·0161	·0437	-·0709	-·1993	·0069	-·0738
1909	-·1640	-·0058	-·1968	-·1673	-·1423	-·0369	·0309	·1234	·0416	-·0673	·1478	-·0221	-·0382
1910	·1088	-·0089	-·0807	-·0906	-·0042	-·0544	·0657	·0270	-·0225	·0042	-·0286	-·0951	-·0149
1911	·0419	·0501	·0498	-·0797	-·0213	-·1245	·0270	-·0204	·1128	..	·0318	-·1163	..
1912	-·0902	-·0936	-·1118	-·0056	-·0490	·0291	-·0928	·0187	·1570	-·0231	-·0152	·0994	-·0149
1913	·0773	-·0668	·0531	·0210	-·1138	-·0137	·0866	·1016	-·0342	-·1210	·0553	·4025	·0373
1914	·1422	·1069	·0307	-·0897	·0292	-·0307	-·0069	·0225	·0571	·1558	-·2153	·0083	·0175
1915	-·0097	-·1078	-·0425	..	..	..	-·0325	·0672	·0944	-·0136	-·0733	·0618	..
1916	·0857	·1079	-·0484	-·0869	-·0635	-·0475	·0086	·0953	·0480	..	-·0083	-·0020	..
1917	·0394	-·1359	..	-·1136	-·0618	-·1222	-·0347	-·0801	·0183	·0385	·0421	·0723	..
1918	·0665	..	-·0601	-·0824	-·2087	-·0130	·0505	·0458	·0542	·1082	-·0747	-·0773	..
1919	-·0796	-·1201	-·2071	-·1531	-·1723	-·0408	·0311	·1287	·0075	·1337	-·1541	-·0129	-·0532
1920	-·0305	-·0655	-·0090	-·1038	-·0253	-·0268	-·0354	·1266	·0162	-·1789	-·2742	-·2279	-·0695
1921	-·0308	·0383	-·1101	·0206	-·1627	-·0207	·0589	·0220	·0469	·0840	·0873	-·1207	-·0072
1922	·1593	-·1941	·0227	-·1127	-·1107	·0205	·0658	·0699	·0103	-·0043	·0122	·1013	·0034
1923	-·0052	·0691	-·2691	-·2133	-·1369	·0633	·0334	·1432	·0709	·1395	·2164	·1313	·0202
1924	-·0651	-·0081	-·1280	-·0489	-·1226	-·0590	·0850	-·0166	-·0336	-·0272	-·0216	-·1114	-·0464
1925	·1069	·0981	-·0704	-·1263	-·1703	·0084	-·0462	·0541	·1048	·1433	·0856	·0324	·0184
1926	-·0214	-·1255	-·0268	-·0663	-·1353	-·0421	-·0276	·0402	·1288	·0431	-·0369	·0090	-·0217
1927	-·0220	-·0792	-·1260	-·0814	·0714	·0721	·0346	·0458	·0345	·1099	·1342	-·1053	·0074
1928	-·2257	-·1247	-·3340	-·1957	-·1573	·0273	·1372	·1683	·0898	·0423	·0369	·0905	-·0371
1929	-·0940	-·3156	-·2416	-·1115	-·1010	-·0192	·0602	-·0041	·0718	·1141	·0281	-·0739	-·0572
1930	-·0600	-·1761	-·2284	-·1876	-·2362	-·1944	-·0107	·0395	-·0823	-·0645	·1581	-·0898	-·0944
1931	-·0776	-·2348	-·1295	-·1766	-·1514	-·1131	·0247	-·0055	·0768	·0408	-·0351	-·0934	-·0729
1932	(-·0212)	(·1927)	(-·1492)	-·1003	-·1143	-·0797	-·0130	·0310	(-·0249)	(·1665)	-·0609	(-·0183)	-·0124
1933	-·094	·013	-·217	·023	-·086	(-·119)	-·008	·132	(·063)	-·097	-·016	-·108	-·043
1934	-·168	(·022)	-·025	-·285	-·122	·002	·027	·077	-·044	·043	·094	-·039	-·035
1935	-·170	·025	-·096	-·034	-·149	(-·101)	(·140)	(·115)	-·018	(·114)	..	..	..

WARNEMÜNDE. The mean values increase upwards; the unit is 1 metre.

1882	-·1201	-·1222	-·0256	-·1877	-·1241	-·0651	-·0666	-·0259	-·0342	-·3364	-·2159	-·3031	-·1366
1883	-·3146	-·3342	-·1846	-·2052	-·1661	-·0761	-·0676	-·0379	-·0317	-·1199	-·0829	·0849	-·1266
1884	-·0861	·0433	-·2206	-·2512	-·1796	-·0416	-·0681	-·0574	-·2017	-·1309	-·0104	-·0606	-·1060
1885	-·2716	-·2717	-·1456	-·1822	-·1968	-·0672	-·0441	-·0405	-·0453	-·0513	-·1664	-·1640	-·1364
1886	-·0667	-·3427	-·3892	-·2415	-·2160	-·1349	·0183	-·0133	-·0425	-·1411	-·2732	-·1666	-·1660
1887	-·3425	-·2613	-·1159	-·1533	-·1474	-·0642	-·0371	·0093	-·0143	-·0603	-·0525	-·0058	-·1028
1888	-·1279	-·0770	-·1739	-·2440	-·1424	-·1549	-·0515	-·0511	-·1442	-·0726	-·2082	-·0045	-·1205
1889	-·1934	·0693	-·1208	-·0980	-·2192	-·1197	-·0476	-·0192	-·0142	·0002	-·1822	-·2275	-·0990
1890	-·1188	-·1588	-·2215	-·1093	-·1493	-·0314	-·0216	-·0698	-·0748	·0446	·0718	-·1592	-·0831
1891	-·1306	-·2206	-·0975	-·1675	-·1654	-·1219	-·0757	-·0606	-·0613	-·0713	-·1474	-·1540	-·1219
1892	-·1232	-·0108	-·2290	-·1690	-·0919	-·0726	·0190	-·0350	-·0549	-·1550	-·2692	-·0694	-·1053
1893	-·1027	-·1700	-·0818	-·1198	-·1087	-·0696	-·0852	-·0017	·0225	·0401	·0355	-·1373	-·0644
1894	-·2371	-·0370	-·0766	-·1850	-·1582	-·0873	-·1006	-·0590	·0296	-·0837	-·1605	-·1256	-·1074
1895	·0236	-·1191	-·1779	-·1275	-·1847	-·1417	-·0585	-·0731	·0397	-·0175	-·0532	-·0625	-·0791
1896	-·1976	-·0402	-·1094	-·1421	-·0604	-·0661	·0300	-·0286	-·1318	-·1656	-·0918	-·2238	-·1026
1897	-·1621	-·2665	-·1781	-·1201	-·0767	-·1233	·0174	-·0903	-·0779	-·0646	-·2541	-·1581	-·1282
1898	-·1014	·1023	·0161	-·1002	-·1346	-·1066	·0689	-·0322	·0365	-·0838	-·1724	-·0986	-·0505
1899	·0597	-·0099	-·0419	-·0406	-·0561	·0059	-·0563	·0476	·0169	·0051	·0936	·0897	·0095
1900	-·1814	-·1695	-·1282	-·2246	-·0700	-·1060	-·0363	-·0352	-·0551	·0046	-·0786	-·1362	-·1014
1901	-·2079	-·1118	-·1946	-·2010	-·2452	-·1405	-·1229	-·0875	-·0909	-·1622	-·0843	·0182	-·1359
1902	-·0139	-·1234	-·1516	-·2009	-·1473	-·1003	-·0052	·0326	-·0163	-·1244	-·1227	-·2099	-·0986
1903	-·1395	·0049	-·0452	·1170	-·0666	-·0698	-·0163	·0552	·0920	-·0329	·0370	-·1180	-·0152

( ), the enclosed mean values have been calculated from an incomplete series of observations.

GERMANY

TABLE B—*continued.*

WARNEMÜNDE—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1904	-·2948	-·1173	-·2369	-·2721	-·1367	-·0924	·0563	-·0045	-·0813	-·0864	-·0549	·0668	-·1045
1905	-·0380	-·0050	-·2653	-·1124	-·1284	-·1078	·0350	·0563	·0595	·0385	-·1016	·0056	-·0470
1906	-·0799	-·0724	·0014	-·1218	-·1662	-·0325	·0100	·0584	·0548	-·1739	-·2026	·0060	-·0599
1907	-·1133	-·2029	-·0676	-·1196	-·0728	-·1380	·0222	·0642	·1001	-·0617	-·2688	-·1519	-·0842
1908	-·2139	·0286	-·2394	-·2373	-·1533	-·1020	-·0772	-·0239	-·0459	-·1145	-·2544	-·0705	-·1253
1909	-·2333	-·0583	-·2253	-·1794	-·1758	-·0584	·0025	·0774	-·0135	-·1325	·0794	-·1431	-·0884
1910	-·0038	-·1034	-·1473	-·1468	-·0553	-·0848	·0178	-·0256	-·0554	-·0590	-·1562	-·2122	-·0860
1911	-·0783	-·0574	-·0104	-·1027	-·0554	-·1262	·0137	-·0145	·0837	-·0979	-·1053	-·1697	-·0600
1912	-·1632	-·1082	-·1707	-·0655	-·0659	-·0030	-·0866	-·0105	·1071	-·0892	-·0874	-·0200	-·0656
1913	-·0275	-·1223	-·0681	-·0168	-·1364	-·0497	·0652	·0808	-·0596	-·1365	-·0297	·2755	-·0188
1914	·0308	·0132	-·0380	-·1241	·0016	-·0351	-·0278	-·0040	-·0156	·0685	-·2715	-·1099	-·0427
1915	-·0861	-·1962	-·1122	-·1271	-·1206	-·0257	-·0641	·0549	·0416	-·0833	-·1654	-·0612	-·0788
1916	-·0380	-·0030	-·1765	-·1368	-·1105	-·0801	-·0151	·0700	·0065	-·0725	-·1348	-·1011	-·0660
1917	-·0317	-·2452	-·1795	-·1466	-·1273	-·1444	-·0410	-·1363	-·0750	-·0705	-·0617	·1412	-·0932
1918	-·0470	-·1208	-·1637	-·1534	-·2743	-·0420	·0134	·0125	-·0668	·0244	-·1371	-·1390	-·0911
1919	-·1942	-·1758	-·2637	-·1828	-·2074	-·0575	-·0049	·0804	-·0456	·0687	-·2058	-·1039	-·1077
1920	-·1533	-·1375	-·0818	-·1670	-·0769	-·0438	-·0792	·0643	-·0433	-·2183	-·3395	-·2930	-·1308
1921	-·1162	-·0506	-·1850	-·0442	-·1906	-·0378	·0195	-·0269	·0063	·0252	·0181	-·2066	-·0657
1922	·0850	-·2441	-·0403	-·1641	-·1353	-·0110	·0356	·0201	-·0348	-·0385	-·0655	·0173	-·0480
1923	-·0890	-·0115	-·2772	-·2624	-·1759	·0166	-·0033	·0598	·0254	·0238	·0298	·0344	-·0525
1924	-·1460	-·0489	-·1596	-·0866	-·1556	-·0782	·0547	-·0361	-·1046	-·0824	-·1079	-·2013	-·0960
1925	-·0387	-·0121	-·1243	-·1418	-·1775	-·0044	-·0808	·0471	·0449	·0760	·0254	-·0466	-·0367
1926	-·0788	-·1433	-·0902	-·0818	-·1325	-·0420	-·0197	·0032	·0725	-·0173	-·0758	-·0268	-·0527
1927	-·0979	-·1284	-·1400	-·1026	·0378	·0218	·0320	·0292	-·0167	-·0045	·0790	-·0854	-·0313
1928	-·2467	-·1641	-·3159	-·1399	-·1349	-·0193	·0856	·1274	·0746	·0315	-·0105	·0384	-·0562
1929	-·0911	-·2584	-·2120	-·0949	-·0991	-·0409	·0376	-·0214	·0590	·0660	-·0418	-·1246	-·0685
1930	-·0934	-·1356	-·2045	-·1339	-·1797	-·1348	·0112	·0420	-·0479	-·0678	·0971	-·0937	-·0784
1931	-·0503	-·2263	-·0962	-·1292	-·1144	-·0687	·0312	·0282	·1118	·0609	-·0450	-·0790	-·0181
1932	-·0007	·1504	-·1098	-·0484	-·0566	-·0104	·0400	·0860	·0144	·1244	-·0821	-·0585	·0041
1933	-·093	·001	-·204	·036	-·056	-·070	-·006	·128	·072	-·124	·001	-·110	-·035
1934	-·212	-·020	-·041	-·250	-·108	-·011	·030	·060	-·052	-·008	·048	-·074	-·053
1935	-·181	-·030	-·057	-·016	-·116	-·074	·079	·092	-·057	·027	-·020	-·024	-·031
1936	-·056	·055	-·143	-·036	-·072	-·060	-·051	·015	·027	·010	-·014	-·075	-·033

WISMAR. The mean values increase upwards; the unit is 1 metre.

1882	-·1661	-·1248	-·0254	-·2152	-·1084	-·0903	-·0651	-·0515	-·0421	-·3249	-·2281	-·3175	-·1468
1883	-·3193	-·3616	-·1910	-·1985	-·1649	-·0738	-·0996	-·0754	-·0587	-·1583	-·1187	·0862	-·1430
1884	-·1088	·0117	-·2246	-·2211	-·1908	-·0308	-·0712	-·0548	-·2139	-·1480	-·0394	-·1009	-·1166
1885	-·3071	-·3060	-·1554	-·1692	-·2034	-·0556	-·0487	-·0429	-·0518	-·0981	-·1838	-·2298	-·1535
1886	-·0814	-·3379	-·3743	-·2626	-·2250	-·1348	-·0114	-·0205	-·0780	-·1498	-·3147	-·2284	-·1835
1887	-·3697	-·2803	-·1339	-·1498	-·1602	-·0583	-·0512	-·0081	-·0470	-·1069	-·0679	-·0356	-·1216
1888	-·1531	-·0927	-·1781	-·2598	-·1515	-·1597	-·0863	-·0859	-·1672	-·1043	-·2544	-·0454	-·1444
1889	-·2346	·0728	-·1496	-·1081	-·2092	-·1039	-·0576	-·0619	-·0377	-·0455	-·2207	-·2722	-·1206
1890	-·1723	-·1680	-·2529	-·1241	-·1478	-·0431	-·0633	-·0877	-·1065	·0164	·0601	-·1488	-·1032
1891	-·1297	-·2585	-·1116	-·1667	-·1713	-·1048	-·0842	-·1077	-·1090	-·1022	-·1798	-·1948	-·1425
1892	-·1595	-·0395	-·2258	-·1651	-·0937	-·0864	-·0026	-·0578	-·0799	-·1891	-·3037	-·0645	-·1223
1893	-·1252	-·1339	-·1108	-·1066	-·0838	-·0834	-·0956	-·0119	-·0052	-·0183	·0214	-·1655	-·0765
1894	-·2434	-·0311	-·1084	-·1865	-·1495	-·0854	-·1034	-·0854	·0392	-·0791	-·1902	-·1680	-·1172
1895	·0488	-·1317	-·1911	-·1218	-·1604	-·1193	-·0727	-·0860	·0436	-·0446	-·0732	-·0659	-·0809
1896	-·2050	-·0361	-·1171	-·1480	-·0382	-·0522	·0385	-·0285	-·1482	-·1839	-·0839	-·2327	-·1033
1897	-·1514	-·2721	-·1829	-·1088	-·0516	-·1044	·0260	-·0996	-·0977	-·0605	-·2658	-·1851	-·1282
1898	-·1120	·0918	·0338	-·0888	-·1278	-·1058	·0625	-·0376	·0363	-·0701	-·1821	-·1241	-·0520
1899	·0368	-·0181	-·0344	-·0442	-·0354	·0374	-·0411	·0692	-·0043	-·0118	·0915	·1108	·0130
1900	-·1706	-·1627	-·1063	-·2200	-·0469	-·0919	-·0382	-·0349	-·0570	-·0205	-·0799	-·1582	-·0989
1901	-·2291	-·1096	-·1824	-·1960	-·2178	-·1381	-·0935	-·0780	-·0591	-·1619	-·0972	·0144	-·1290
1902	-·0326	-·1084	-·1545	-·1787	-·1516	-·0765	-·0090	·0235	-·0209	-·1293	-·1070	-·1919	-·0950
1903	-·1416	-·0030	-·0495	·1252	-·0462	-·0344	-·0150	·0306	·0980	-·0536	·0258	-·1062	-·0142
1904	-·2985	-·1181	-·2032	-·2724	-·1400	-·0907	·0633	-·0210	-·0606	-·0927	-·0859	·0626	-·1048
1905	-·0450	-·0250	-·2693	-·1036	-·1108	-·0781	·0363	·0474	·0529	·0186	-·1116	-·0045	-·0494
1906	-·1155	-·0950	-·0142	-·1077	-·1462	-·0169	·0186	·0542	·0782	-·1710	-·2226	-·0032	-·0618

GERMANY

TABLE B—*continued.*

WISMAR—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1907	−·1350	−·2228	−·0753	−·1141	−·0642	−·1469	·0182	·0338	·1014	−·0590	−·2761	−·1536	−·0911
1908	−·2350	·0203	−·2192	−·2037	−·1388	−·0794	−·0708	−·0464	−·0628	−·0885	−·2702	−·0800	−·1229
1909	−·2627	−·0585	−·2126	−·1651	−·1681	−·0584	−·0218	·0700	−·0092	−·1602	·0639	−·1720	−·0962
1910	−·0346	−·1399	−·1512	−·1484	−·0311	−·0632	·0169	−·0305	−·0418	−·0374	−·1682	−·2208	−·0875
1911	−·0963	−·0794	−·0038	−·0962	−·0302	−·1202	·0172	·0043	·0825	−·1013	−·1345	−·2005	−·0630
1912	−·1535	−·1032	−·1916	−·0557	−·0659	−·0040	−·0669	−·0374	·1039	−·0939	−·1139	−·0600	−·0706
1913	−·0434	−·1299	−·0901	−·0016	−·1146	−·0524	·0650	·0885	−·0354	−·1305	−·0758	·2353	−·0237
1914	·0132	−·0065	−·0605	−·1221	·0241	−·0091	−·0165	·0108	−·0198	·1098	−·2795	−·1425	−·0416
1915	−·1046	−·2092	−·0971	−·1200	−·0977	−·0041	−·0826	·0590	·0415	−·0498	−·1655	−·0622	−·0744
1916	−·0514	−·0081	−·1432	−·1224	−·1009	−·0814	−·0193	·0686	·0200	−·0825	−·1505	−·1051	−·0647
1917	−·0038	−·2438	−·1626	−·1477	−·0899	−·1128	−·0123	−·1252	−·0889	−·1132	−·0967	·1380	−·0882
1918	−·0517	−·1296	−·1279	−·1000	−·2311	−·0330	·0284	·0312	−·1054	·0275	−·1326	−·1517	−·0813
1919	−·1709	−·1414	−·2302	−·1603	−·1542	−·0331	·0117	·0829	−·0469	·0941	−·1641	−·0948	−·0839
1920	−·1489	−·1342	−·0629	−·1495	−·0619	−·0005	−·0629	·0889	−·0167	−·1716	−·3201	−·2418	−·1068
1921	−·1054	−·0203	−·1831	−·0080	−·1539	−·0155	·0280	−·0345	−·0138	·0011	·0464	−·2330	−·0577
1922	·1136	−·2472	−·0242	−·1441	−·1193	·0130	·0323	·0082	−·0242	−·0049	−·0513	·0144	−·0367
1923	−·1025	·0129	−·2289	−·2090	−·1692	·0025	·0038	·0485	·0115	−·0108	−·0207	·0283	−·0528
1924	−·1380	−·0344	−·1671	−·0847	−·1562	−·0710	·0597	−·0244	−·1043	−·0957	−·1284	−·2357	−·0984
1925	−·0446	−·0242	−·1438	−·1386	−·1771	−·0160	−·0738	·0363	·0032	·0732	·0200	−·0534	−·0449
1926	−·0588	−·1182	−·0624	−·0356	−·0877	−·0029	·0235	·0175	·0880	−·0136	−·0738	−·0139	−·0282
1927	−·1036	−·1209	−·1248	−·0938	·0614	·0379	·0592	·0331	−·0173	−·0096	·0905	−·0336	−·0185
1928	−·2465	−·1585	−·2590	−·0746	−·0666	·0115	·1084	·1601	·1195	·0728	·0097	·0647	−·0215
1929	−·0397	−·2020	−·1867	−·0427	−·0349	−·0108	·0740	·0131	·0968	·0829	−·0329	−·1301	−·0344
1930	−·0794	−·0746	−·1595	−·0595	−·1189	−·0651	·0596	·0735	·0165	−·0303	·1354	−·0423	−·0287
1931	−·0283	−·2010	−·0551	−·0849	−·0649	−·0379	·0400	·0204	·1397	·1008	·0032	−·0525	−·0184
1932	−·0341	·1294	−·1307	−·0613	−·0314	−·0247	·0193	·0665	−·0334	·0818	−·1262	−·0933	−·0198
1933	−·131	−·025	−·231	−·007	−·087	−·092	−·017	·114	·101	−·130	·009	−·107	−·050
1934	−·242	−·035	−·054	−·242	−·122	·003	·031	·069	−·085	−·045	·021	−·083	−·065
1935	−·185	−·070	−·068	−·032	−·108	−·095	·061	·092	−·101	−·012	−·029	−·044	−·049
1936	−·099	·047	−·136	−·042	−·047	−·054	−·078	·001	·032	−·021	−·063	−·132	−·049

TRAVEMÜNDE. The mean values increase downwards ; the unit is 1 metre.

1855	4·457	4·695	4·777	4·798	4·703	4·817	4·724	4·701	4·642	4·697	4·717	4·761	4·707
1856	4·710	4·680	4·752	4·786	4·702	4·711	4·661	4·628	4·659	4·722	4·695	4·714	4·702
1857	4·607	4·931	4·703	4·846	4·797	4·801	4·669	4·615	4·678	4·709	4·792	4·803	4·744
1858	4·686	4·647	4·835	4·633	4·704	4·722	4·655	4·605	4·694	4·626	4·659	4·753	4·685
1859	4·864	4·741	4·640	4·575	4·659	4·680	4·592	4·579	4·636	4·680	4·725	4·784	4·679
1860	4·773	4·697	4·796	4·775	4·783	4·728	4·605	4·802	4·676	4·741	4·679	4·710	4·731
1861	4·815	4·742	4·721	4·779	4·592	4·702	4·717	4·623	4·568	4·686	4·932	4·681	4·713
1862	4·640	4·724	4·778	4·854	4·751	4·678	4·641	4·636	4·733	4·884	4·685	4·950	4·746
1863	4·873	4·606	4·677	4·729	4·700	4·698	4·655	4·606	4·711	4·728	4·774	4·730	4·708
1864	4·777	4·742	4·918	4·756	4·853	4·754	4·672	4·527	4·658	4·558	4·783	4·958	4·747
1865	4·744	4·710	4·644	4·898	4·853	4·693	4·718	4·679	4·674	4·849	4·803	4·802	4·756
1866	4·901	4·677	4·804	4·894	4·758	4·789	4·669	4·664	4·706	4·788	4·716	4·657	4·752
1867	4·631	4·791	4·694	4·682	4·710	4·745	4·687	4·614	4·736	4·686	4·493	4·469	4·660
1868	4·691	4·711	4·623	4·647	4·656	4·606	4·591	4·752	4·599	4·700	4·572	4·762	4·660
1869	4·839	4·767	4·638	4·855	4·762	4·689	4·599	4·615	4·700	4·673	4·536	4·645	4·693
1870	4·710	4·881	4·769	4·850	4·738	4·686	4·612	4·574	4·679	4·651	4·747	4·609	4·707
1871	4·756	4·911	4·781	4·660	4·720	4·600	4·765	4·638	4·595	4·741	4·735	4·786	4·723
1872	4·775	4·905	4·800	4·733	4·725	4·719	4·678	4·670	4·847	4·687	4·687	4·739	4·746
1873	4·727	4·833	4·797	4·830	4·725	4·684	4·626	4·668	4·796	4·716	4·675	4·607	4·723
1874	4·703	4·533	4·831	4·653	4·719	4·686	4·678	4·675	4·686	4·753	4·596	4·676	4·684
1875	4·865	4·725	4·908	4·815	4·743	4·697	4·716	4·701	4·701	4·575	4·678	4·768	4·741
1876	4·819	4·780	4·775	4·794	4·808	4·668	4·664	4·675	4·659	4·660	4·662	4·692	4·721
1877	4·868	4·746	4·756	4·705	4·768	4·745	4·668	4·609	4·593	4·702	4·663	4·798	4·719
1878	4·711	4·732	4·587	4·699	4·799	4·577	4·563	4·638	4·676	4·665	4·710	4·717	4·673
1879	4·668	4·653	4·692	4·700	4·782	4·748	4·643	4·678	4·642	4·660	4·471	4·769	4·676
1880	4·651	4·852	4·698	4·781	4·732	4·647	4·712	4·591	4·742	4·566	4·657	4·548	4·680
1881	4·565	4·638	4·805	4·667	4·710	4·623	4·624	4·532	4·498	4·634	4·811	4·783	4·658

GERMANY

TABLE B—*continued.*

TRAVEMÜNDE—*continued.* The mean values increase upwards; the unit is 1 metre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1882	−·1889	−·1720	−·0647	−·1971	−·1324	−·1076	−·0871	−·1019	−·0198	−·2781	−·2172	−·2776	−·1537
1883	−·3025	−·3384	−·1992	−·2058	−·2031	−·1155	−·1471	−·1200	−·0717	−·2142	−·1395	·0675	−·1647
1884	−·1497	·0424	−·1959	−·1916	−·2158	−·0540	−·0865	−·0402	−·2048	−·1869	−·0339	−·0952	−·1185
1885	−·2790	−·2731	−·1833	−·1538	−·2130	−·0885	−·0732	−·0736	−·0650	−·0982	−·1428	−·2383	−·1563
1886	−·0734	−·2982	−·3601	−·2432	−·2485	−·1512	−·0283	−·0292	−·0785	−·0930	−·2956	−·1987	−·1736
1887	−·3320	−·2605	−·1191	−·1875	−·1485	−·0785	−·0493	−·0202	−·0294	−·0987	−·0368	−·0382	−·1157
1888	−·1639	−·0642	−·1399	−·2443	−·1725	−·1531	−·1047	−·0949	−·1635	−·1219	−·2072	−·0227	−·1375
1889	−·2290	·0788	−·1399	−·0838	−·1732	−·0917	−·0694	−·0674	−·0380	−·0008	−·2026	−·2255	−·1050
1890	−·1575	−·1262	−·2341	−·0935	−·1423	−·0490	−·0631	−·0804	−·0988	−·0075	·0874	−·1090	−·0898
1891	−·1383	−·2428	−·1075	−·1341	−·1504	−·0879	−·0902	−·1110	−·0929	−·0564	−·1401	−·1917	−·1278
1892	−·1716	−·0135	−·2006	−·1652	−·1014	−·1022	−·0088	−·0552	−·0661	−·1484	−·2589	−·0663	−·1133
1893	−·1135	−·1194	−·1390	−·1208	−·0864	−·0850	−·0862	−·0238	−·0114	−·0146	·0516	−·1297	−·0732
1894	−·2156	−·0346	−·0787	−·1413	−·1399	−·0902	−·1033	−·0942	·0403	−·0591	−·1698	−·1482	−·1036
1895	·0908	−·0994	−·1718	−·1221	−·1444	−·1140	−·0853	−·0860	·0240	−·0591	−·0482	−·0499	−·0720
1896	−·2193	−·0344	−·1239	−·1574	−·0545	−·0621	·0276	−·0328	−·1301	−·1529	−·0745	−·1832	−·1001
1897	−·0887	−·2579	−·1766	−·0933	−·0470	−·1040	−·0047	−·0831	−·1032	−·0405	−·2700	−·1569	−·1166
1898	−·1182	·0904	·0615	−·0626	−·1127	−·1107	·0320	−·0315	·0297	−·0243	−·1539	−·1590	−·0466
1899	·0396	−·0030	−·0507	·0368	−·0271	·0324	−·0471	·0613	−·0123	−·0173	·0725	·1401	·0126
1900	−·1392	−·1226	−·0840	−·2058	−·0278	−·0778	−·0361	−·0203	−·0595	−·0268	−·0231	−·1511	−·0812
1901	−·1969	−·0847	−·1323	−·1691	−·1985	−·1346	−·0881	−·0883	−·0187	−·1496	−·1290	·0331	−·1131
1902	−·0630	−·0858	−·1561	−·1529	−·1546	−·0792	−·0415	·0142	−·0104	−·1034	−·0696	−·1938	−·0913
1903	−·1348	−·0442	−·0357	·1041	−·0407	−·0351	−·0162	·0065	·1171	−·0434	·0112	−·0649	−·0147
1904	−·2837	−·0948	−·1570	−·2630	−·1207	−·0998	·0542	−·0411	−·0395	−·0828	−·0917	·0434	−·0980
1905	−·0508	−·0145	−·2284	−·0899	−·0967	−·0535	·0218	·0483	·0621	·0071	−·0813	−·0040	−·0400
1906	−·0979	−·0639	−·0250	−·0776	−·1068	−·0117	·0275	·0323	·0795	−·1365	−·2231	·0050	−·0498
1907	−·1311	−·2191	−·0868	−·0888	−·0481	−·1392	−·0073	·0188	·0987	−·0307	−·2376	−·1227	−·0816
1908	−·2373	·0010	−·1799	−·1829	−·1295	−·0762	−·0782	−·0571	−·0516	−·0469	−·2463	−·0312	−·1097
1909	−·2547	−·0327	−·1732	−·1418	−·1450	−·0376	−·0264	·0639	·0069	−·1346	·0800	−·1353	−·0775
1910	−·0008	−·0979	−·1325	−·1432	−·0053	−·0482	−·0076	−·0391	−·0414	−·0057	−·1517	−·1905	−·0707
1911	−·1216	−·1381	·0044	−·1301	−·0433	−·1593	−·0374	−·0487	·0292	−·1267	−·1721	−·2040	−·0952
1912	−·1606	−·1155	−·2071	−·0889	−·1176	−·0334	−·0808	−·0737	·0670	−·1071	−·1365	−·0912	−·0959
1913	−·0151	−·1447	−·1152	−·0123	−·1144	−·0874	·0296	·0442	−·0396	−·1474	−·1299	·1470	−·0488
1914	−·0524	−·0125	−·0641	−·1482	−·0134	−·0437	−·0519	−·0234	−·0836	·1053	−·2879	−·1413	−·0681
1915	−·1254	−·2219	−·1473	−·1667	−·1506	−·0616	−·1487	·0225	−·0018	−·0469	−·1902	−·0741	−·1094
1916	−·0798	·0027	−·1138	−·0977	−·0833	−·0940	−·0627	·0183	−·0074	−·1116	−·1428	−·1089	−·0734
1917	−·0254	−·2327	−·1385	−·1593	−·0900	−·1277	−·0545	−·1498	−·1466	−·1326	−·1512	−·1077	−·1042
1918	−·0713	−·1197	−·0934	−·0880	−·2182	−·0939	−·0305	−·0224	−·1368	·0165	−·1366	−·1522	−·0955
1919	−·1256	−·1299	−·1781	−·1511	−·1047	−·0635	−·0055	·0311	−·0574	·0514	−·1506	−·0968	−·0817
1920	−·1070	−·0864	−·0167	−·1035	−·0267	·0027	−·0540	·0667	−·0133	−·1282	−·2663	−·2074	−·0784
1921	−·1537	−·0228	−·1813	·0038	−·1007	−·0234	·0138	−·0421	−·0141	−·0199	·0825	−·2143	−·0560
1922	·2036	−·1196	·0454	−·0545	−·0660	·0212	·0201	·0086	−·0145	·0175	−·0701	·0550	·0039
1923	−·0929	·1057	−·1142	−·1290	−·1119	·0113	·0255	·0320	·0297	·0130	·0115	·0394	−·0150
1924	..	..	..	..	..	−·0199	·0928	·0231	−·0780	−·0336	−·0719	−·1504	..
1925	−·0631	·0217	−·0667	−·0420	−·0881	−·0071	−·0378	·0291	·0282	·0605	·0419	−·0424	−·0138
1926	·0320	−·0208	−·0300	−·0204	−·0981	−·0266	−·0228	−·0159	·0549	−·0636	−·0578	−·0464	−·0263
1927	−·0717	−·0951	−·1082	−·1383	·0127	−·0098	·0156	−·0138	−·0646	−·0790	·0567	−·0514	−·0456
1928	−·2832	−·2072	−·2721	−·1091	−·1182	−·0686	·0246	·0793	·0438	·0015	−·0718	·0111	−·0808
1929	−·0938	−·2369	−·2395	−·1045	−·0966	−·0819	·0000	−·0509	·0130	·0001	−·0811	−·1786	−·0959
1930	−·1282	−·1149	−·2138	−·0894	−·1762	−·1161	−·0316	−·0122	−·0569	−·1336	·0213	−·0973	−·0957
1931	−·1064	−·2384	−·1118	−·1323	−·1086	−·1139	−·0342	−·0193	·0627	·0004	−·0376	−·1538	−·0828
1932	−·0227	·1420	−·0934	−·0482	−·0361	−·0175	·0380	·0789	−·0102	·1029	−·0841	−·0529	−·0003
1933	−·075	−·008	−·194	·018	−·042	−·043	−·025	·111	·091	−·125	·040	−·080	−·028
1934	−·228	−·056	−·028	−·204	−·130	−·005	·004	·058	−·054	−·066	·036	−·026	−·058
1935	−·179	−·053	−·027	·002	−·061	−·074	·039	·106	−·094	−·014	·033	·018	−·025
1936	−·039^u	·092	−·102	−·028	−·011	−·042	−·062^u	..	·038	−·032^u	−·030^u	−·119	−·028^u

u, there is some uncertainty in the significance of the printed figures.

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TABLE B—*continued.*

MARIENLEUCHTE. The mean values increase upwards; the unit is 1 metre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1882	-·1730	-·1415	-·0238	-·2001	-·1401	-·0771	-·0789	-·0512	-·0493	-·2866	-·2199	-·2879	-·1442
1883	-·2997	-·3456	-·1887	-·2107	-·1784	-·0894	-·0874	-·0648	-·0487	-·1506	-·0776	·0753	-·1375
1884	-·1136	·0315	-·2183	-·2134	-·2021	-·0561	-·0839	-·0481	-·1877	-·1691	-·0248	-·0811	-·1146
1885	-·2771	-·2706	-·1809	-·1829	-·2022	-·0847	-·0580	-·0556	-·0533	-·0543	-·1688	-·1851	-·1471
1886	-·0667	-·2821	-·3133	-·2396	-·2361	-·1493	-·0237	-·0259	-·0642	-·1180	-·2969	-·1776	-·1649
1887	-·3455	-·2751	-·1389	-·1880	-·1641	-·0984	-·0562	-·0246	-·0278	-·1021	-·0448	-·0171	-·1227
1888	-·1596	-·0820	-·1463	-·2629	-·1800	-·1671	-·0928	-·0774	-·1545	-·1268	-·1891	-·0075	-·1369
1889	-·2340	·0710	-·1490	-·1100	-·2190	-·1280	-·0880	-·0620	-·0500	-·0080	-·2060	-·2210	-·1185
1890	-·1544	-·1551	-·2522	-·1228	-·1812	-·0559	-·0628	-·0789	-·1120	·0113	·0713	-·1430	-·1031
1891	-·1641	-·2561	-·1159	-·1690	-·1796	-·1387	-·1022	-·0763	-·0947	-·0715	-·1390	-·1746	-·1392
1892	-·1569	-·0176	-·2444	-·1825	-·1090	-·0980	-·0080	-·0569	-·0690	-·1381	-·2646	-·0635	-·1174
1893	-·1442	-·1102	-·1309	-·1643	-·1337	-·0871	-·0878	-·0209	-·0106	-·0071	·0249	-·1215	-·0828
1894	-·2279	-·0352	-·0993	-·2079	-·1897	-·1197	-·1187	-·0788	·0040	-·0959	-·1685	-·1508	-·1248
1895	·0218	-·1408	-·2038	-·1555	-·1931	-·1479	-·1046	-·0939	-·0214	-·0520	·0494	-·0699	-·1006
1896	-·2347	-·0641	-·1332	-·1702	-·0837	-·0890	·0101	-·0487	-·1488	-·1766	-·1099	-·2207	-·1227
1897	-·1497	-·2988	-·2036	-·1486	-·0909	-·1333	-·0186	-·1019	-·1032	-·0715	-·2852	-·1644	-·1460
1898	-·1322	·0697	·0008	-·1174	-·1511	-·1340	·0083	-·0553	·0036	-·0558	-·1769	-·1376	-·0732
1899	·0446	-·0213	-·0741	-·0321	-·0656	-·0108	-·0754	·0232	-·0067	-·0258	·0656	·0930	-·0071
1900	-·1807	-·1536	-·1397	-·2300	-·0756	-·1073	-·0584	-·0478	-·0793	-·0199	-·0634	-·1568	-·1094
1901	-·1999	-·1074	-·1761	-·2058	-·2434	-·1611	-·1191	-·1108	-·0671	-·1599	-·1300	·0149	-·1388
1902	·0089	-·1067	-·1557	-·1851	-·1678	-·1015	-·0571	·0032	-·0289	-·1229	-·1044	-·2028	-·1017
1903	-·1391	-·0378	-·0408	·0935	-·0701	-·0731	-·0299	·0129	·0878	-·0277	-·0009	-·0859	-·0259
1904	-·2919	-·1116	-·2086	-·2841	-·1601	-·1441	·0175	-·0492	-·0865	-·1146	-·0980	·0153	-·1263
1905	-·0801	-·0409	-·2665	-·1457	-·1412	-·1169	-·0133	·0232	·0224	-·0098	-·1162	-·0363	-·0768
1906	-·1038	-·0879	-·0487	-·1247	-·1690	-·0606	-·0216	·0015	·0290	-·1589	-·2472	-·0265	-·0849
1907	-·1451	-·2582	-·1043	-·1401	-·0880	-·1551	-·0182	·0072	·0631	-·0538	-·2546	-·1769	-·1103
1908	-·2596	-·0303	-·2421	-·2318	-·1640	-·1122	-·0993	-·0685	-·0819	-·1088	-·2725	-·0766	-·1456
1909	-·2549	-·0846	-·2133	-·1926	-·1936	-·0846	-·0440	·0397	-·0115	-·0685	·1170	-·0663	-·0881
1910	·0558	-·0128	-·0897	-·1066	·0224	-·0197	·0638	-·0026	-·0819	-·0613	-·1672	-·2115	-·0509
1911	-·1044	-·0919	-·0006	-·1240	-·0557	-·1441	-·0297	·0387	·0547	-·0961	-·1181	-·1734	-·0766
1912	-·1513	-·1131	-·1762	-·0924	-·1020	-·0272	-·0940	-·0346	·0719	-·0847	-·1093	-·0511	-·0806
1913	-·0108	-·1427	-·1001	-·0309	-·1278	-·0896	·0333	·0531	-·0574	-·1325	-·0688	·2065	-·0390
1914	-·0029	·0299	-·0416	-·1322	·0059	-·0272	-·0374	-·0085	-·0532	·0908	-·3020	-·0953	-·0478
1915	-·0787	-·1728	-·1253	-·0698	-·0974	-·0568	-·0841	·0422	·0168	-·0693	-·1875	-·0579	-·0784
1916	-·0879	-·0025	-·1532	-·1296	-·1362	-·1207	-·0331	·0339	-·0007	-·0866	-·1232	-·0920	-·0776
1917	-·0124	-·2542	-·1707	-·1696	-·1206	-·1419	-·0552	-·1323	-·1234	-·0911	-·1411	·1082	-·1087
1918	-·0928	-·1381	-·1448	-·1395	-·2648	-·0945	-·0099	-·0131	-·0829	·0243	-·1315	-·1410	-·1024
1919	-·1664	-·1603	-·2408	-·1896	-·1861	-·0691	-·0078	·0389	-·0501	·0633	-·1806	-·1335	-·1068
1920	-·1701	-·1604	-·1033	-·1559	-·0752	-·0544	-·0914	·0511	-·0527	-·1748	-·3146	-·2546	-·1297
1921	-·1592	-·0534	-·1942	-·0403	-·1664	-·0662	·0013	-·0416	-·0128	-·0059	·0183	-·2383	-·0799
1922	·1600	..	..	-·1483	-·1400	-·0035	·0144	·0098	-·0511	-·0329	-·1278	·0272	..
1923	-·1244	·0126	-·2470	-·2319	-·1741	-·0254	-·0229	·0392	·0113	·0145	·0280	·0159	-·0594
1924	-·1322	-·0635	-·1527	-·0761	-·1505	-·0752	·0504	-·0291	-·1080	-·0731	-·1033	-·1848	-·0915
1925	-·0684	-·0115	-·1303	-·1454	-·1860	-·0070	-·0852	·0256	·0436	·0684	·0122	-·0391	-·0436
1926	-·0432	-·1024	-·1034	-·0524	-·1062	-·0494	-·0816	-·0741	·0128	-·0776	-·1093	-·1055	-·0744
1927	-·1398	-·1695	-·1625	-·1663	-·0157	-·0252	-·0195	-·0272	-·0741	-·0814	·0436	-·1132	-·0792
1928	-·2375	-·1642	-·3240	-·1772	-·1711	-·1177	·0043	·0414	·0169	-·0185	-·0658	-·0161	-·1025
1929	-·1468	-·2589	-·2562	-·1612	-·1466	-·1135	-·0300	-·0745	-·0208	-·0098	-·0819	-·1624	-·1219
1930	-·1166	-·1653	-·2500	-·1598	-·1700	-·1185	-·0092	·0266	-·0372	-·0878	·0637	-·0796	-·0920
1931	-·0566	-·1913	-·0962	-·1157	-·0961	-·0830	·0250	·0197	·0860	·0269	-·0165	-·1279	-·0521
1932	-·0129	·1173	-·1222	-·0667	-·0599	-·0340	·0244	·0646	(-·0163)	·1025	-·0834	-·0524	-·0116
1933	-·088	-·026	-·196	·000	-·078	-·074	-·033	(·099)	(·043)	(-·135)	-·006	-·113	-·051
1934	-·220	-·071	-·039	-·243	-·144	-·052	-·026	·039	-·074	-·053	·030	(-·070)	-·077
1935	(-·177)	-·039	-·050	-·008	-·104	-·072	·040	·094	-·063	(·003)	·005	·005	-·030
1936	-·051	·069	-·131	-·044	-·051	-·056	-·058	-·016	·014	-·037	(·018)	(-·079)	-·035

( ), the enclosed mean values have been calculated from an incomplete series of observations.

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TABLE B—*continued.*

BREMERHAVEN. The mean values increase upwards; the unit is 1 metre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1898	·1687	·3342	-·0771	-·1194	·0735	·0402	·2128	·0760	·0593	-·1861	-·0462	·4273	·0803
1899	·2034	-·0322	·0464	·0352	-·0534	·0005	·0442	·0676	·2584	·1438	·2626	-·1413	·0696
1900	-·0374	-·1253	-·1304	-·0684	-·0296	-·0457	·0597	·0217	·0861	·2188	-·1720	·1455	-·0064
1901	-·0108	-·0680	-·1807	-·0472	-·1663	-·0019	-·0931	·0906	-·0619	·1189	·2733	·0866	-·0075
1902	·3722	-·2678	·0573	-·2022	·0357	-·0577	·1268	·0706	·0009	·0046	-·3064	-·0532	-·0183
1903	·0408	·3351	·0478	·2254	-·0241	-·0519	·1031	·2250	-·0067	·1590	·2831	-·1897	·0956
1904	-·0382	-·0016	-·2820	·0764	-·0311	·0293	-·0174	·1059	-·1339	·1083	·2494	·1606	·0188
1905	·1331	·0839	-·1535	-·0343	-·0828	-·0684	·0889	·0850	·0873	·2767	-·1163	·0226	·0268
1906	·1344	·0166	·2539	-·1550	-·0940	·0322	·0313	·0959	·0054	-·0218	·1127	·1586	·0475
1907	·0367	·0671	·0506	-·1063	-·0362	·0308	·0739	·1622	-·0248	-·0548	-·1461	-·0792	-·0022
1908	·1077	·1945	-·2508	-·1325	-·0690	-·0303	·0192	·1617	·0355	-·2385	·0959	-·1255	-·0194
1909	·1135	-·0883	-·1945	-·0508	-·1234	-·0429	·1427	·0931	·0070	·1141	·1818	·1284	·0234
1910	·2023	·0627	-·0791	·0158	-·0554	·0222	·0970	·0708	·0456	-·1426	·1856	·0386	·0386
1911	-·0003	·3299	-·1328	·0436	-·0644	·0186	·0202	·0702	·1219	·0520	·1369	-·0022	·0468
1912	-·2428	·0362	·0813	·0760	·0750	·0438	-·0327	·1502	·1196	·0703	·2593	·3608	·0829
1913	-·3079	·0068	·1689	-·0515	-·1647	·0956	·1124	·1114	-·0640	·0631	·4352	·4343	·0700
1914	·1020	·0810	·1486	·0393	·0328	·0414	·1178	·0391	·3236	-·0645	·1917	·1656	·1015
1915	·1639	-·1181	·0680	·0013	-·0541	·0004	·1533	·1458	·0667	-·1930	·1697	·1190	·0436
1916	·5704	·0698	-·1066	·0094	·0153	·1190	·0709	·1825	·1157	·1967	·0140	·1247	·1152
1917	-·1760	-·1062	-·1692	·0536	-·1585	-·0394	·0646	·0731	·2447	·2809	·3299	·1767	·0478
1918	·2383	·1020	-·2262	-·1113	-·1296	·1823	·1159	·1347	·2994	·0354	-·0531	·2197	·0673
1919	-·1305	-·0536	-·0367	·0237	-·1571	·1944	·0959	·2316	·1591	·0608	-·0790	·1172	·0355
1920	·2704	·2205	·0382	·0652	-·0050	·0579	·1011	·1229	·0938	-·2562	-·1154	-·1219	·0393
1921	·4553	-·0118	·0940	-·0793	·0564	·1546	·0642	·1167	·0438	·2396	-·0433	·3636	·1111
1922	-·1563	-·1056	·0251	-·0454	·0622	·0905	·1748	·1398	·1039	-·0890	·3232	·2630	·0655
1923	·2637	-·2469	-·2038	-·1558	·0364	·2450	·1210	·2288	·1358	·3554	·2357	·1153	·0942
1924	-·1134	·0101	-·0028	·0012	-·0039	·0925	·1413	·1264	·2110	·0590	·0222	·1081	·0543
1925	·2751	·1187	·0445	-·0396	-·0295	·1600	·0459	·1671	·2841	·1974	·0786	·2991	·1334
1926	·0041	-·0649	·2230	-·0272	·0297	·0926	·1854	·2237	·1770	·2858	·0911	·2054	·1188
1927	·1239	-·0810	-·0384	·2156	·0506	·0838	·0460	·1069	·1650	·2145	-·1140	-·3136	·0383
1928	·1045	·0995	-·3452	-·1242	-·0562	·1430	·1326	·1156	·0514	·1012	·3768	·0051	·0503
1929	-·2073	-·5480	-·0615	-·0357	-·1078	·0987	·0582	·0298	·1281	·2324	·0659	·1690	-·0148
1930	·0880	-·3223	-·0865	-·1842	-·0538	-·0882	·1146	·1356	·0127	·2281	·3987	-·0859	·0131
1931	·1830	-·0909	-·1468	-·0625	-·0404	·0229	·1682	·0947	·1203	·2647	-·0618	·2504	·0585
1932	·2011	-·1061	-·1108	·0854	·0261	·0407	·1153	·0577	·2284	·2424	·0928	-·0066	·0722
1933	-·121	·056	-·046	·020	-·007	·066	·111	·142	-·012	·113	-·089	-·214	·002
1934	·067	·138	-·052	-·163	·028	·007	·097	·077	·047	·298	·029	(-·094)	·040
1935	·037	·348	-·193	·078	-·133	·016	·217	·016	·306	·327	·007	·027	·088
1936	·208	-·053	-·144	·127	-·152	-·013	·087	·098	-·001	(·366)	·056	·296	·073

( ), the enclosed mean values have been calculated from an incomplete series of observations.

GERMANY

TABLE C: ANNUAL MEAN HEIGHTS OF SEA-LEVEL

The mean values increase upwards; the unit is 1 metre

Year	Wismar	Warnemünde
1849	·1312	..
1850	·1031	..
1851	·1382	..
1852	·0613	..
1853	·0912	..
1854	·1197	..
1855	·0885	..
1856	·1180	1·1252
1857	·0560	1·0497
1858	·0611	1·0688
1859	·0742	1·0826
1860	·0471	1·0660
1861	·0873	1·1023
1862	·0484	1·0595
1863	·0886	1·1050
1864	·0831	1·0970
1865	·0681	1·0583
1866	·0821	1·1194
1867	·1684	1·1853
1868	·1578	1·1837
1869	·1195	1·1490
1870	·0934	1·1038
1871	·0877	1·0933
1872	·0550	1·0907
1873	·0983	1·1351
1874	·1410	1·1834
1875	·0778	1·1005
1876	·1113	1·1441
1877	·1249	1·1700
1878	·1724	1·2187
1879	·1676	1·2023
1880	·1583	1·1863
1881	·1401	1·1800

DENMARK

§ 1. *Authorities.*

1. Den Danske Gradmaaling, Kjøbenhavn.

   a. De Danske Kysters Middelvandstande, Ny Raekke 9 (1912), 10 (1912), 13 (1914).

2. Det Danske Meteorologiske Institut, Københavns.

   a. A. Paulsen: Rapport sur les travaux du Service Maréographique, 1906.

§ 2. *Apparatus.*

1. Recording gauge, constructed by Légé, London, and described in Authority 1*a*.

2. Recording pressure-gauge, designed by A. Paulsen and described in Authorities 1*a* and 2*a*.

§ 3. *Datums.*

The standard surface of the Danish system of precision levelling is *Dansk Normal Nul* or D.N.N. and is given by a bench-mark at the Cathedral at Aarhus. It was determined in 1902 from observations on mean sea-level taken at the ten stations of Table A between 1890 and 1900.

DENMARK

TABLE A: Stations, Authorities and Conditions

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums, § 3		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
			§ 1	§ 1	§ 1	§ 2	1:	cm./hr.	p. 10	cm.			
Gedser	54° 34′ N.	11° 58′ E.	1*a*, 2	2	2	1	10	2·5	1	0·0	..	1898–1936	..
Köbenhavn	55 41 ,,	12 36 ,,	1*a*, 2	2	2	2	10·4	1·5	1	0·0	..	1889–1936	..
Hornbaek	56 06 ,,	12 28 ,,	1*a*, 2	2	2	2	10	1·8	1	0·0	..	1898–1936	..
Korsör	55 20 ,,	11 08 ,,	1*a*, 2	2	2	2	10	1·9	1	0·0	..	1897–1936	..
Slipshavn	55 17 ,,	10 50 ,,	1*a*, 2	2	2	2	10	1·8	1	0·0	..	1896–1936	..
Fredericia	55 34 ,,	9 46 ,,	1*a*, 2	2	2	2	10	2·0	1	0·0	..	1889–1936	..
Aarhus	56 09 ,,	10 13 ,,	1*a*, 2	2	2	2	9·76	1·9	1	0·0	..	1888–1936	..
Frederikshavn	57 26 ,,	10 34 ,,	1*a*, 2	2	2	1	10	2·5	1	0·0	..	1893–1936	..
Hirtshals	57 36 ,,	9 57 ,,	1*a*, 2	2	2	2	10	2·0	1	0·0	..	1892–1936	..
Esbjerg	55 28 ,,	8 27 ,,	1*a*, 2	2	2	1	15	2·5	1	0·0	..	1889–1936	..

TABLE B: Monthly and Annual Mean Heights of Sea-Level

GEDSER. The mean values increase upwards; the unit is 1 metre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1898	-0·0271	0·2492	0·1092	0·0025	-0·0629	-0·0117	0·1178	0·1081	0·1090	0·0588	-0·0452	-0·0272	0·0468
1899	0·1984	0·1239	0·0363	0·0662	0·0501	0·1202	0·0304	0·1593	0·1217	0·1200	0·1945	0·2737	0·1246
1900	-0·0288	-0·0412	-0·0388	-0·1385	0·0532	0·0278	0·0737	0·0960	0·0137	0·1336	0·0823	-0·0107	0·0205
1901	-0·0468	0·0291	-0·0809	-0·0757	-0·1316	-0·0562	0·0097	-0·0116	0·0568	-0·0600	-0·0270	0·1758	-0·0175
1902	0·0245	0·0463	-0·0712	-0·0808	-0·0775	0·0214	0·0631	0·1415	0·0947	-0·0158	0·0155	-0·1259	0·0029
1903	-0·0317	0·0279	0·1129	0·2778	0·0601	0·0431	0·0775	0·1254	0·2192	0·0840	0·0583	0·0249	0·0866
1904	-0·1947	-0·0049	-0·1180	-0·1606	-0·0123	-0·0428	0·1588	0·0684	0·0442	-0·0184	0·0007	0·1219	-0·0081
1905	0·0567	0·1620	-0·1424	-0·0812	-0·0268	-0·0128	0·0776	0·1682	0·1478	0·0976	-0·0356	0·0735	0·0329
1906	0·0071	0·0564	0·0124	-0·0014	-0·0634	0·0323	0·0850	0·1183	0·1547	-0·0512	-0·1731	0·1227	0·0276
1907	-0·0185	-0·1206	0·0087	-0·0365	0·0322	-0·0358	0·1002	0·1501	0·1878	0·0650	-0·1405	-0·0381	0·0141
1908	-0·1495	0·1132	-0·0714	-0·1594	-0·0692	-0·0053	0·0114	0·0392	0·0919	0·0402	-0·2029	0·0894	-0·0239
1909	-0·1638	0·0302	-0·1103	-0·1014	-0·0755	0·0279	0·0540	0·1971	0·1140	-0·0436	0·1500	-0·0373	0·0019
1910	0·1069	0·0167	-0·0454	-0·0710	0·0601	0·0032	0·1113	0·0677	0·0061	0·0760	-0·0491	-0·1064	0·0146
1911	0·0121	0·0202	-0·1417	-0·0607	0·0770	-0·0583	0·0926	0·0517	0·1581	0·0417	0·0255	-0·0541	0·038
1912	-0·062	-0·027	-0·070	0·040	0·002	0·105	0·019	0·034	0·196	0·001	-0·033	0·041	0·020
1913	0·148	-0·080	0·018	0·098	-0·040	0·018	0·148	0·167	0·057	-0·078	0·022	0·330	0·069
1914	0·121	0·143	0·072	-0·067	0·111	0·038	0·053	0·092	0·027	0·221	-0·183	-0·080	0·046
1915	-0·006	-0·103	-0·069	-0·039	-0·056	0·038	-0·019	0·121	0·116	0·010	-0·137	0·058	-0·006
1916	0·042	0·172	-0·033	-0·006	0·012	0·028	0·090	0·157	0·117	0·038	-0·023	0·039	0·052
1917	0·101	-0·164	-0·048	-0·045	0·017	-0·039	0·060	-0·003	-0·027	0·100	0·015	0·288	0·023
1918	0·130	-0·017	-0·040	-0·029	-0·195	0·011	0·133	0·106	0·037	0·168	-0·035	-0·013	0·022
1919	-0·010	-0·064	-0·133	-0·084	-0·067	0·025	0·119	0·156	0·075	0·207	-0·084	0·018	0·014
1920	-0·029	-0·019	0·056	-0·035	0·063	0·050	0·019	0·195	0·086	-0·079	-0·207	-0·138	-0·003
1921	-0·052	0·118	-0·080	0·117	-0·049	0·006	0·129	0·085	0·101	0·116	0·155	-0·148	0·040
1922	0·286	-0·315	0·034	-0·025	-0·052	0·120	0·134	0·140	0·073	0·068	-0·004	0·158	0·055
1923	-0·010	0·182	-0·152	-0·152	-0·053	0·082	0·119	0·171	0·144	0·120	0·178	0·136	0·063
1924	-0·015	0·052	-0·061	0·024	-0·023	0·021	0·171	0·093	0·044	0·070	0·011	-0·072	0·026
1925	0·092	0·148	-0·027	-0·024	-0·039	0·056	0·055	0·117	0·151	0·166	0·143	0·040	0·072
1926	0·069	-0·025	0·005	0·058	-0·021	0·066	0·058	0·081	0·199	0·085	0·062	0·036	0·056
1927	0·045	0·013	-0·004	-0·048	0·168	0·150	0·151	0·119	0·108	0·091	0·220	0·040	0·088
1928	-0·144	-0·047	-·0169	-0·094	-0·040	0·064	0·182	0·225	0·186	0·141	0·081	0·157	0·046
1929	0·046	-0·229	-·0185	-0·001	0·036	0·046	0·136	0·091	0·145	0·157	0·113	0·021	0·033
1930	0·041	-0·010	-0·118	-0·008	-0·093	-0·030	0·081	0·153	0·061	-0·012	0·185	0·077	0·027
1931	0·016	-0·096	-0·018	-0·023	0·010	-0·012	0·149	0·118	0·171	0·107	0·130	-0·070	0·041
1932	0·066	0·206	-0·048	0·011	0·020	0·030	0·107	0·148	0·068	0·215	-0·010	0·027	0·070
1933	-0·013	0·052	-0·158	0·082	0·013	-0·005	0·028	0·187	0·150	-0·070	0·078	-0·073	0·022
1934	-0·159	-0·011	0·081	-0·184	-0·087	0·068	0·057	0·127	0·013	0·026	0·118	0·059	0·009
1935	-0·159	-0·006	0·022	0·098	-0·031	0·001	0·111	0·227	0·011	0·116	0·118	0·093	0·050
1936	0·040	-0·149	-0·079	-0·001	0·019	0·010	0·021	0·078	0·122	0·031	0·095	-0·020	0·038

TABLE B—*continued.*

KÖBENHAVN. The mean values increase upwards; the unit is 1 metre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1889	-0·0252	0·0919	-0·0964	-0·0889	-0·1647	-0·0457	0·0558	0·1486	0·0840	-0·0093	0·0049	-0·0596	-0·0095
1890	0·0816	-0·0947	-0·0331	-0·0425	-0·0755	0·0631	0·0911	0·0697	0·0541	0·2335	0·0974	-0·1027	0·0294
1891	-0·0681	-0·1032	0·0411	-0·1517	-0·0862	-0·0569	0·0075	0·0614	0·1079	0·0537	-0·0571	0·0659	-0·0139
1892	0·0400	-0·0031	-0·1741	-0·0776	-0·0280	0·0208	0·1067	0·0969	0·0764	-0·0143	-0·1188	0·0783	0·0024
1893	-0·0935	-0·0886	0·0495	-0·0355	-0·0659	0·0059	0·0216	0·0753	0·1889	0·2046	0·1437	0·0356	0·0380
1894	-0·0426	0·1373	-0·0126	-0·1483	-0·1222	-0·0327	0·0118	0·0899	0·0766	-0·0311	0·0192	0·0882	0·0006
1895	-0·0452	-0·1007	-0·0754	-0·0030	-0·1202	-0·0635	0·0852	0·0940	0·1408	0·1552	0·0359	0·1063	0·0184
1896	0·0042	0·0247	-0·0066	-0·0515	-0·0054	0·0478	0·0957	0·0641	0·0042	-0·0327	-0·0008	-0·0967	0·0068
1897	..	-0·0465	-0·1129	-0·0783	-0·0153	-0·0263	0·1031	0·0374	0·1172	0·0133	0·0424	-0·0244	(0·0062)
1898	0·0938	0·1521	0·0085	0·0889	-0·0540	-0·0032	0·1686	0·0816	0·1395	0·0002	-0·0004	0·2385	0·0611
1899	0·1378	0·0553	0·0721	0·0103	-0·0299	0·0449	0·0556	0·1224	0·1723	0·2071	0·3042	0·0537	0·1038
1900	-0·0878	-0·1429	-0·1058	-0·1230	-0·0107	-0·0049	0·0650	0·0527	0·0871	0·1711	-0·0363	0·1113	0·0010
1901	0·0022	-0·0129	-0·1691	-0·0880	-0·1591	-0·0318	-0·0338	0·0369	-0·0252	0·0226	0·1327	0·0771	-0·0212
1902	0·2145	-0·0556	-0·0646	-0·1926	-0·0822	-0·0461	0·0972	0·1082	0·0567	0·0128	-0·0339	-0·0023	0·0013
1903	0·0299	0·2121	0·0434	0·0993	-0·0060	-0·0220	0·0842	0·2305	0·1196	0·0446	0·1306	-0·0785	0·0762
1904	-0·1431	-0·0682	-0·2177	-0·1201	-0·0703	0·0310	0·1116	0·1319	-0·0252	0·0331	0·1151	0·1547	-0·0051
1905	0·1091	0·0491	-0·1591	-0·0693	-0·0846	-0·0477	0·1088	0·1157	0·1198	0·1048	-0·0301	0·1117	0·0277
1906	0·0742	-0·0217	0·1152	-0·0756	-0·0964	0·0252	0·1100	0·1478	0·0749	-0·0487	-0·0100	0·1076	0·0343
1907	0·0069	-0·0234	0·0088	-0·0634	-0·0160	-0·0228	0·0863	0·1927	0·1450	0·0198	-0·1194	-0·0755	0·0115
1908	0·0075	0·0911	-0·1994	-0·1753	-0·0959	-0·0346	-0·0081	0·0865	0·0582	-0·0487	-0·0127	0·0139	-0·0274
1909	-0·0138	-0·0109	-0·1636	-0·1167	-0·0928	0·0031	0·1252	0·1832	0·0501	0·0175	0·1429	0·0317	0·0158
1910	0·1559	0·0096	-0·0609	-0·0359	-0·0115	-0·0155	0·0948	0·0539	0·0366	0·0123	-0·0281	-0·0175	0·0155
1911	0·0382	0·1336	-0·0090	0·0090	-0·0090	-0·0298	0·0719	0·0757	0·1891	0·0291	0·1126	-0·0552	0·045
1912	-0·081	-0·001	-0·031	0·009	0·060	0·104	0·002	0·102	0·137	0·027	0·093	0·209	0·052
1913	-0·028	0·015	0·118	0·029	-0·076	0·079	0·129	0·127	-0·007	-0·019	0·239	0·340	0·082
1914	0·153	0·103	0·020	-0·024	0·046	0·020	0·049	0·077	0·147	0·055	0·001	0·104	0·063
1915	-0·020	-0·124	-0·056	-0·033	-0·042	0·002	0·063	0·120	0·102	-0·089	0·008	0·019	-0·003
1916	0·222	0·057	-0·115	-0·081	-·0041	0·015	0·085	0·144	0·090	0·106	0·032	-0·003	0·043
1917	-0·040	-0·111	-0·131	-0·060	-0·101	-0·066	0·020	-0·007	0·147	0·103	0·175	0·157	0·008
1918	0·090	0·006	-0·151	-0·152	-0·223	0·049	0·081	0·113	0·157	0·075	-0·008	0·003	0·003
1919	-0·113	-0·095	-0·154	-0·084	-0·151	0·041	0·085	0·208	0·134	0·098	-0·098	-0·022	-0·012
1920	0·017	0·042	-0·003	-0·036	-0·001	0·050	0·074	0·125	0·070	-0·154	-0·090	-0·146	-0·005
1921	0·161	-0·006	0·014	-0·016	-0·077	0·069	0·126	0·110	0·110	0·161	0·072	0·155	0·074
1922	0·050	-0·107	0·025	-0·106	0·003	0·083	0·116	0·117	0·081	0·020	0·111	0·115	0·044
1923	0·108	-0·037	-0·228	-0·185	-0·061	0·124	0·113	0·192	0·146	0·243	0·174	0·096	0·058
1924	-0·072	0·033	-0·087	-0·058	-0·070	0·035	0·130	0·062	0·119	0·048	0·018	-0·029	0·010
1925	0·184	0·134	-0·013	-0·078	-0·090	0·091	0·029	0·125	0·179	0·179	0·090	0·157	0·079
1926	-0·016	-0·107	0·049	-0·053	-0·051	0·029	0·054	0·152	0·161	0·134	0·013	0·108	0·043
1927	0·060	-0·038	-0·068	0·065	0·053	0·126	0·101	0·113	0·103	0·194	0·098	-0·097	0·060
1928	-0·038	-0·011	-0·261	-0·131	-0·099	0·096	0·184	0·192	0·131	0·113	0·119	0·090	0·032
1929	-0·067	-0·262	-0·113	-0·038	-0·034	0·067	0·128	0·096	0·144	0·214	0·076	0·063	0·025
1930	0·043	-0·111	-0·104	-0·134	-0·109	-0·058	0·107	0·114	-0·027	0·125	0·254	-0·012	0·008
1931	0·042	-0·146	-0·058	-0·083	-0·066	0·052	0·145	0·105	0·126	0·194	0·012	0·182	0·044
1932	0·128	0·063	-0·065	-0·034	-0·054	0·012	0·071	0·100	0·170	0·157	0·036	0·027	0·051
1933	-0·072	0·013	-0·139	0·030	-0·040	-0·040	0·068	0·174	0·059	0·012	-0·008	-0·080	-0·002
1934	-0·047	0·135	-0·035	-0·212	-0·025	0·028	0·100	0·113	0·053	0·187	0·113	-0·037	0·031
1935	-0·056	0·139	-0·074	-0·008	-0·112	-0·006	0·186	0·115	0·144	0·207	0·039	0·017	0·049
1936	0·054	-0·022	-0·150	-0·042	-0·116	-0·037	0·045	0·098	0·042	0·176	0·061	0·145	0·022

HORNBAEK. The mean values increase upwards; the unit is 1 metre.

1898	0·1140	0·0653	-0·0671	-0·1624	-0·0723	-0·0028	0·1707	0·0477	0·1558	-0·0590	-0·0057	0·2927	0·0362
1899	0·0854	0·0423	0·0756	0·0380	-0·0552	0·0295	0·0732	0·1115	0·1941	0·2173	0·2980	-0·0642	0·0869
1900	-0·0901	-0·2016	-0·1426	-0·1243	-0·0284	-0·0079	0·0690	0·0370	0·1140	0·1766	-0·0944	0·1497	-0·0124
1901	-0·0134	-0·0469	-0·2147	-0·1095	-0·1806	-0·0213	-0·0512	0·0441	-0·0756	0·0360	0·1551	-0·0099	-0·0412
1902	0·2271	-0·1009	-0·0392	-0·2261	-0·0780	-0·0715	0·1072	0·1053	0·0537	0·0320	-0·0580	..	(-0·0040)
1903	..	0·2850	0·0105	0·0934	-0·0132	-0·0327	0·0926	0·2510	0·0843	0·0269	0·1851	-0·1082	(0·0693)
1904	-0·0704	-0·1110	-0·2706	-0·0893	-0·0957	0·0620	0·0979	0·1667	-0·0461	0·0755	0·1435	0·1610	0·0028

( ), the enclosed mean values have been calculated from an incomplete series of observations.

TABLE B—*continued.*

HORNBAEK—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1905	0·0981	0·0297	−0·1454	−0·0770	−0·0845	−0·0398	0·1321	0·0904	0·1091	0·1092	−0·0503	0·1316	0·0253
1906	0·0909	−0·0553	0·1079	−0·0998	−0·0927	0·0401	0·1160	0·1634	0·0330	−0·0689	0·0242	0·0750	0·0284
1907	0·0133	−0·0072	0·0028	−0·0673	−0·0325	−0·0017	0·0981	0·2168	0·1338	0·0173	−0·1230	−0·1508	0·0140
1908	0·0422	0·0829	−0·2797	−0·1750	−0·1023	−0·0475	−0·0043	0·1108	0·0404	−0·0796	0·0344	−0·0483	−0·0359
1909	0·0020	−0·0640	−0·2061	−0·1370	−0·1245	−0·0257	0·1413	0·1732	0·0208	0·0997	0·1259	−0·0049	−0·0013
1910	0·1485	−0·0009	−0·0644	−0·0213	−0·0369	−0·0063	0·0853	0·0359	0·0397	−0·0327	−0·0057	−0·0168	0·0106
1911	0·0083	0·1201	−0·1073	−0·0351	−0·0362	−0·0110	0·0641	0·0776	0·1965	0·0095	0·1042	−0·0785	0·030
1912	−0·144	−0·007	−0·052	−0·026	0·053	0·094	−0·003	0·141	0·105	−0·005	0·122	0·241	0·043
1913	−0·129	0·071	0·128	−0·010	−0·085	0·100	0·122	0·108	−0·031	−0·001	0·295	0·285	0·071
1914	0·116	0·064	−0·010	−0·010	0·024	−0·005	0·045	0·072	0·176	−0·053	0·038	0·109	0·047
1915	−0·065	−0·151	−0·086	−0·057	−0·065	−0·009	0·096	0·082	0·077	−0·154	0·037	−0·035	−0·027
1916	0·259	−0·022	−0·159	−0·113	−0·063	0·013	0·076	0·132	0·057	0·088	0·049	−0·032	0·024
1917	−0·118	−0·100	−0·184	−0·084	−0·160	−0·057	0·015	0·005	0·197	0·082	0·176	0·090	−0·012
1918	0·075	0·005	−0·199	−0·199	−0·232	0·045	0·050	0·110	0·183	0·032	0·004	0·004	−0·010
1919	−0·177	−0·121	−0·165	−0·081	−0·189	0·055	0·077	0·224	0·153	0·036	−0·120	−0·042	−0·029
1920	0·027	0·050	−0·027	−0·034	−0·006	0·058	0·107	0·116	0·053	−0·170	−0·077	−0·181	−0·007
1921	0·213	−0·081	0·045	−0·071	−0·078	0·086	0·110	0·110	0·122	0·168	−0·003	0·231	0·073
1922	−0·072	−0·060	−0·006	−0·160	0·038	0·094	0·162	0·116	0·080	0·008	0·144	0·053	0·034
1923	0·162	−0·130	−0·231	−0·190	−0·041	0·142	0·109	0·195	0·149	0·282	0·150	0·096	0·059
1924	−0·093	0·022	−0·084	−0·091	−0·068	0·056	0·144	0·081	0·155	0·046	0·023	0·016	0·017
1925	0·175	0·028	−0·053	−0·076	−0·096	0·109	0·002	0·124	0·162	0·173	0·069	0·157	0·065
1926	−0·084	−0·154	0·030	−0·093	−0·052	0·030	0·065	0·167	0·138	0·142	0·044	0·110	0·030
1927	0·036	−0·055	−0·087	0·099	−0·004	0·123	0·093	0·124	0·108	0·213	0·030	−0·144	0·045
1928	−0·021	−0·009	−0·297	−0·159	−0·115	0·120	0·188	0·166	0·121	0·116	0·117	0·045	0·023
1929	−0·114	−0·349	−0·087	−0·067	−0·068	0·081	0·111	0·105	0·150	0·218	0·062	0·078	0·012
1930	0·059	−0·174	−0·106	−0·205	−0·110	−0·051	0·106	0·095	−0·092	0·150	0·240	−0·073	−0·012
1931	0·037	−0·206	−0·098	−0·135	−0·096	0·078	0·128	0·091	0·092	0·213	−0·066	0·237	0·025
1932	0·119	−0·016	−0·093	−0·038	−0·068	0·016	0·073	0·088	0·208	0·123	0·042	0·039	0·041
1933	−0·109	−0·027	−0·136	0·012	−0·061	−0·044	0·091	0·163	0·015	0·010	−0·074	−0·097	−0·021
1934	−0·016	0·120	−0·114	−0·228	−0·001	−0·009	0·096	0·094	0·049	0·213	0·073	−0·096	0·015
1935	−0·051	0·172	−0·130	−0·063	−0·135	−0·001	0·202	0·055	0·184	0·223	−0·016	−0·015	0·034
1936	0·067	−0·106	−0·161	−0·037	−0·150	−0·026	0·100	0·132	0·022	0·212	0·051	0·215	0·028

KORSÖR. The mean values increase upwards; the unit is 1 metre.

1897	−0·0657	−0·0761	−0·0709	−0·0354	0·0188	−0·0118	0·0841	0·0604	0·0694	0·0506	0·0081	−0·0314	0·0002
1898	0·0522	0·1465	0·0699	−0·0283	−0·0404	−0·0079	0·1071	0·0898	0·1323	0·0607	−0·0049	0·1296	0·0585
1899	0·1357	0·0896	0·0493	0·0547	0·0105	0·0730	0·0488	0·1165	0·1366	0·1543	0·2383	0·1181	0·1020
1900	−0·0399	−0·0772	−0·0608	−0·1269	0·0102	0·0117	−0·0536	0·0724	0·0504	0·1301	0·0342	0·0617	0·0105
1901	0·0054	−0·0068	−0·0962	−0·0679	−0·1256	−0·0480	−0·0042	−0·0011	0·0342	0·0170	0·0893	0·1048	−0·0083
1902	0·1487	−0·0131	−0·0445	−0·1173	−0·0692	−0·0153	0·0630	0·1067	0·0661	0·0265	0·0034	0·0190	0·0151
1903	0·0165	0·1405	0·0621	0·1440	0·0342	0·0173	0·0801	0·1611	0·1468	0·0901	0·1296	0·0075	0·0854
1904	−0·1078	−0·0074	−0·1237	−0·1040	−0·0411	0·0111	0·1248	0·0929	0·0432	0·0478	0·0861	0·1381	0·0168
1905	0·0810	0·0431	−0·0981	−0·0520	−0·0391	0·0048	0·0749	0·1334	0·1363	0·1195	0·0212	0·0944	0·0420
1906	0·0671	−0·0085	0·0767	−0·0255	−0·0380	0·0265	0·0935	0·1213	0·1093	−0·0268	−0·0122	0·1081	0·0415
1907	−0·0011	−0·0324	0·0040	−0·0285	0·0110	−0·0182	0·0851	0·1350	0·1526	0·0900	−0·0767	−0·0267	0·0248
1908	−0·0198	0·0836	−0·1186	−0·1288	−0·0730	−0·0184	0·0103	0·0569	0·0367	0·0087	−0·0325	0·0557	−0·0123
1909	−0·0495	0·0240	−0·0817	−0·0808	−0·0801	0·0171	0·0811	0·1810	0·0908	0·0463	0·1486	0·0466	0·0286
1910	0·1457	0·0539	−0·0403	−0·0153	0·0305	0·0169	0·0997	0·0600	0·0470	0·0489	−0·0026	−0·0138	0·0361
1911	0·0049	0·1040	0·0419	0·0282	0·0484	−0·0346	0·0530	0·0691	0·1532	0·0332	0·0834	−0·0084	0·047
1912	−0·071	−0·011	−0·025	−0·006	0·022	0·111	0·051	0·074	0·138	0·040	0·023	0·121	0·039
1913	0·015	0·035	0·069	0·070	−0·042	0·042	0·118	0·127	0·052	0·001	0·170	0·275	0·078
1914	0·109	0·118	0·059	−0·035	0·071	0·031	0·070	0·091	0·111	0·131	0·014	0·079	0·071
1915	0·022	−0·098	−0·032	−0·037	−0·021	0·028	0·048	0·105	0·110	0·004	0·007	0·054	0·017
1916	0·156	0·084	−0·029	−0·036	−0·013	0·023	0·075	0·127	0·102	0·068	0·050	0·058	0·055
1917	0·043	−0·110	−0·060	−0·065	−0·055	−0·037	0·030	0·019	0·055	0·066	0·113	0·141	0·013
1918	0·076	0·016	−0·091	−0·060	−0·182	−0·008	0·085	0·099	0·098	0·105	0·009	0·019	0·014
1919	−0·054	−0·058	−0·121	−0·089	−0·100	0·017	0·088	0·130	0·110	0·129	−0·013	0·025	0·006
1920	0·046	0·029	0·020	−0·011	0·032	0·045	0·059	0·136	0·074	−0·087	−0·097	−0·077	0·012
1921	0·092	0·010	−0·016	0·027	−0·036	0·030	0·100	0·075	0·092	0·150	0·092	0·070	0·058
1922	0·071	−0·080	0·054	−0·043	−0·025	0·080	0·114	0·109	0·089	0·061	0·080	0·116	0·053
1923	0·073	0·046	−0·142	−0·128	−0·059	0·054	0·098	0·142	0·131	0·175	0·149	0·105	0·054

TABLE B—*continued.*

KORSÖR—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1924	−0·024	0·064	−0·061	−0·034	−0·025	0·017	0·136	0·105	0·084	0·067	0·005	−0·044	0·024
1925	0·098	0·076	−0·037	−0·042	−0·042	0·058	0·043	0·091	0·153	0·155	0·128	0·101	0·065
1926	0·020	−0·044	0·011	0·000	−0·025	−0·002	0·052	0·111	0·147	0·116	0·068	0·059	0·043
1927	0·030	−0·023	−0·024	0·012	0·057	0·116	0·126	0·124	0·092	0·136	0·131	0·002	0·065
1928	−0·052	−0·019	−0·157	−0·062	−0·063	0·052	0·149	0·180	0·150	0·139	0·134	0·123	0·048
1929	−0·015	−0·141	−0·113	−0·005	0·005	0·046	0·114	0·091	0·143	0·184	0·105	0·053	0·040
1930	0·069	−0·039	−0·098	−0·056	−0·088	−0·035	0·087	0·106	0·029	0·075	0·179	0·034	0·022
1931	0·055	−0·122	−0·036	−0·058	−0·011	−0·009	0·125	0·095	0·121	0·147	0·064	0·111	0·042
1932	0·084	0·076	−0·036	−0·021	−0·002	0·009	0·097	0·110	0·118	0·166	0·024	0·028	0·055
1933	−0·004	−0·022	−0·114	0·042	−0·002	0·044	0·044	0·155	0·111	0·045	0·059	−0·031	0·027
1934	−0·051	0·071	0·015	−0·137	−0·057	0·050	0·078	0·123	0·065	0·132	0·117	0·046	0·038
1935	−0·073	0·115	−0·031	0·041	−0·058	−0·005	0·124	0·146	0·108	0·166	0·086	0·055	0·056
1936	0·074	0·053	−0·088	−0·012	−0·034	0·003	0·045	0·062	0·085	0·142	0·074	0·108	0·043

SLIPSHAVN. The mean values increase upwards; the unit is 1 metre.

1896	−0·0819	−0·0526	−0·0426	−0·0912	−0·0541	−0·0392	0·0463	0·0265	−0·0024	−0·0758	0·0167	−0·0822	−0·0354
1897	−0·0645	−0·0799	−0·1087	−0·0848	−0·0268	−0·0347	0·0522	0·0201	0·0403	−0·0046	−0·0041	−0·0716	−0·0312
1898	0·0361	0·0831	0·0424	−0·0703	−0·0641	−0·0531	0·0788	0·0027	0·0967	0·0365	−0·0189	0·1157	0·0248
1899	0·0992	0·0595	0·0300	0·0121	−0·0226	0·0155	0·0317	0·0861	0·1134	0·1173	0·2152	−0·0420	0·0607
1900	−0·0392	−0·1000	−0·0755	−0·1339	−0·0379	−0·0354	0·0240	0·0219	0·0413	0·0888	−0·0157	0·0650	−0·0159
1901	−0·0334	−0·0577	−0·1458	−0·1107	−0·1660	−0·0729	−0·0648	0·0004	−0·0025	−0·0080	0·0627	0·0312	−0·0480
1902	0·1409	−0·0784	−0·0604	−0·1676	−0·0811	−0·0656	0·0192	0·0506	0·0224	0·0021	−0·0339	−0·0456	−0·0250
1903	0·0056	0·1184	0·0004	0·0932	−0·0219	−0·0269	0·0466	0·1376	0·0859	0·0467	0·1148	−0·0470	0·0454
1904	−0·1339	−0·0451	−0·1499	−0·1399	−0·1018	0·0102	0·0662	0·0564	−0·0215	0·0360	0·0677	0·0986	−0·0213
1905	0·0420	0·0036	−0·1664	−0·0452	−0·0877	−0·0467	0·0726	0·0867	0·0794	0·1020	0·0089	0·0729	0·0098
1906	0·0422	−0·0511	0·0620	−0·0719	−0·0903	−0·0019	0·0526	0·0945	0·0666	−0·0558	0·0059	0·0633	0·0102
1907	−0·0225	−0·0496	−0·0480	−0·0490	−0·0398	−0·0664	0·0388	0·0987	0·1010	0·0345	−0·1134	−0·0592	−0·0153
1908	−0·0220	0·0323	−0·1795	−0·1392	−0·1051	−0·0508	−0·0313	0·0449	−0·0135	−0·0275	−0·0222	−0·0023	−0·0433
1909	−0·0627	−0·0139	−0·1141	−0·1019	−0·1286	−0·0262	0·0744	0·1143	0·0258	0·0071	0·1168	0·0091	−0·0090
1910	0·1075	0·0032	−0·0890	−0·0608	−0·0251	−0·0229	0·0520	0·0015	0·0380	0·0142	−0·0107	−0·0170	−0·0006
1911	−0·0239	0·0802	0·0041	0·0260	−0·0174	−0·0453	0·0292	0·0671	0·1444	0·0265	0·0524	−0·0283	0·026
1912	−0·069	..	..	−0·046	0·013	0·049	−0·006	0·061	0·092	0·023	0·061	0·119	(0·030)
1913	−0·019	0·030	0·029	0·040	−0·053	0·016	0·090	0·102	0·016	0·025	0·179	0·245	0·059
1914	0·094	0·089	0·029	−0·005	0·025	0·020	0·052	0·044	0·085	0·083	0·035	0·064	0·051
1915	0·015	−0·085	−0·032	−0·053	−0·044	0·016	0·030	0·100	0·067	−0·011	0·027	0·012	0·004
1916	0·139	0·030	−0·035	−0·064	−0·036	0·003	0·046	0·131	0·072	0·056	0·051	0·043	0·037
1917	0·026	−0·099	−0·070	−0·069	−0·077	−0·049	0·033	−0·017	0·061	0·019	0·106	0·099	−0·002
1918	0·066	−0·007	−0·106	−0·095	−0·151	0·014	0·058	0·094	0·090	0·071	−0·003	−0·006	0·002
1919	−0·120	−0·059	−0·131	−0·096	−0·125	0·016	0·043	0·099	0·085	0·081	−0·019	0·000	−0·019
1920	−0·012	0·008	−0·007	−0·038	−0·034	0·043	0·032	0·104	0·049	−0·086	−0·105	−0·081	−0·011
1921	0·144	−0·024	−0·029	−0·032	−0·079	0·008	0·071	0·047	0·078	0·126	0·049	0·069	0·036
1922	−0·038	−0·060	0·008	−0·079	−0·023	0·056	0·085	0·071	0·056	0·057	0·086	0·075	0·026
1923	0·119	−0·001	−0·155	−0·115	−0·088	0·053	0·069	0·103	0·102	0·150	0·101	0·093	0·036
1924	−0·035	0·043	−0·063	−0·057	−0·065	−0·004	0·095	0·051	0·072	0·043	0·003	−0·042	0·003
1925	0·077	0·057	−0·022	−0·038	−0·076	0·065	0·013	0·115	0·138	0·141	0·130	0·131	0·061
1926	−0·003	−0·035	0·026	−0·016	−0·029	0·039	0·077	0·118	0·133	0·165	0·061	0·088	0·053
1927	0·025	−0·035	−0·033	0·059	0·040	0·085	0·095	0·118	0·071	0·133	0·119	0·006	0·057
1928	−0·040	−0·044	−0·174	−0·052	−0·063	0·055	0·120	0·155	0·117	0·138	0·132	0·089	0·036
1929	−0·066	−0·164	−0·083	−0·028	−0·038	0·033	0·087	0·062	0·139	0·164	0·068	0·036	0·019
1930	0·038	−0·058	−0·094	−0·085	−0·086	−0·046	0·088	0·081	0·023	0·097	0·165	−0·001	0·011
1931	0·071	−0·121	−0·025	−0·057	−0·039	0·008	0·108	0·076	0·121	0·163	0·020	0·152	0·041
1932	0·083	0·061	−0·039	−0·038	−0·036	0·005	0·066	0·090	0·110	0·143	0·010	0·004	0·038
1933	−0·049	−0·003	−0·109	0·012	−0·028	−0·009	0·025	0·124	0·076	0·015	0·043	−0·011	0·007
1934	−0·069	0·038	−0·046	−0·157	−0·062	−0·003	0·062	0·080	0·042	0·110	0·080	−0·029	0·004
1935	−0·046	0·094	−0·069	−0·021	−0·088	−0·034	0·118	0·071	0·095	0·130	0·051	0·015	0·026
1936	0·022	0·035	−0·095	−0·048	−0·054	−0·027	0·011	0·053	0·063	0·139	0·020	0·078	0·016

( ), the enclosed mean value has been calculated from an incomplete series of observations.

DENMARK

TABLE B—*continued.*

FREDERICIA.

The mean values increase upwards; the unit is 1 metre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1889	..	..	..	..	..	..	..	0·0272	0·0487	0·0354	−0·0293	−0·0807	(0·0001)
1890	0·0094	−0·0881	−0·0559	−0·0477	−0·0591	−0·0190	−0·0024	0·0170	−0·0121	0·1129	0·1016	−0·0667	−0·0068
1891	−0·0116	−0·1709	−0·0236	−0·1018	−0·0847	−0·0511	−0·0106	−0·0138	0·0107	0·0340	−0·0259	−0·0026	−0·0359
1892	−0·0465	−0·0458	−0·1015	−0·1012	−0·0587	−0·0369	0·0164	0·0116	0·0253	−0·0151	−0·0923	0·0433	−0·0333
1893	−0·0558	−0·0351	−0·0560	−0·1071	−0·0437	−0·0486	−0·0242	0·0167	0·0637	0·1048	0·0750	−0·0326	−0·0112
1894	−0·0612	0·0111	−0·0629	−0·0776	−0·1110	−0·0499	−0·0195	−0·0036	0·0181	..	−0·0266	0·0338	(−0·0332)
1895	0·0403	−0·0287	−0·0894	−0·0846	−0·1206	−0·0682	0·0005	0·0119	0·0524	0·0637	0·0338	0·0798	−0·0089
1896	−0·0589	−0·0329	−0·0424	−0·1096	−0·0681	−0·0178	0·0262	0·0048	0·0124	−0·0572	0·0103	−0·0578	−0·0329
1897	−0·0279	−0·0814	−0·1197	−0·0829	−0·0227	−0·0444	0·0348	0·0268	0·0316	0·0081	−0·0168	−0·0137	−0·0295
1898	−0·0118	0·0691	0·0259	−0·0377	−0·0325	−0·0361	0·0149	0·0167	0·0864	0·0896	0·0048	0·0797	0·0231
1899	0·0724	0·0339	−0·0529	−0·0058	−0·0325	−0·0191	0·0006	0·0457	0·0989	0·0911	0·1682	−0·0377	0·0320
1900	−0·0353	−0·0706	−0·0673	−0·1218	−0·0372	−0·0428	−0·0077	0·0132	0·0244	0·0738	−0·0048	0·0458	−0·0187
1901	−0·0494	−0·0692	−0·1235	−0·0985	−0·1656	−0·0859	−0·0717	−0·0214	0·0274	0·0002	0·0342	0·0636	−0·0471
1902	0·0989	−0·0645	−0·0495	−0·1199	−0·0649	−0·0629	−0·0117	0·0222	−0·0055	−0·0066	−0·0081	0·0056	−0·0218
1903	−0·0152	0·0741	0·0179	0·0658	−0·0337	−0·0198	0·0598	0·1135	0·0797	0·0828	0·1083	−0·0173	0·0440
1904	−0·1247	−0·0214	−0·1420	−0·1289	−0·0957	−0·0231	0·0443	0·0294	−0·0142	0·0350	0·0463	0·0854	−0·0258
1905	0·0085	−0·0177	−0·1345	−0·0584	−0·0846	−0·0236	0·0477	0·0666	0·0558	0·0539	−0·0129	0·0544	−0·0049
1906	0·0258	−0·0735	−0·0115	−0·1027	−0·0732	−0·0272	0·0209	0·0507	0·0183	−0·0391	0·0020	0·0421	−0·0125
1907	−0·0728	−0·0950	−0·0796	−0·0821	−0·0444	−0·0833	0·0059	0·0675	0·0866	0·0736	−0·0713	−0·0104	−0·0218
1908	−0·0304	0·0096	−0·1536	−0·1055	−0·0812	−0·0422	−0·0361	0·0285	−0·0149	−0·0017	−0·0075	0·0289	−0·0336
1909	−0·0590	−0·0137	−0·0772	−0·0746	−0·1045	−0·0340	0·0482	0·0991	0·0500	0·0580	0·1366	0·0334	0·0028
1910	0·1369	0·0361	−0·0703	−0·0515	0·0011	0·0093	0·0673	0·0172	0·0361	0·0308	0·0293	0·0291	0·0230
1911	−0·0266	0·1338	0·0287	0·0515	..	−0·0826	0·0093	0·0603	0·1265	0·0324	0·1131	0·0266	(0·051)
1912	0·080	0·064	−0·022	−0·042	−0·005	0·042	0·016	0·055	0·090	0·060	0·072	0·114	0·044
1913	0·057	0·025	0·033	0·031	−0·029	0·002	0·066	0·076	0·043	0·066	0·170	0·206	0·062
1914	0·062	0·109	0·039	−0·033	0·021	0·024	0·065	0·058	0·098	0·118	0·050	0·104	0·059
1915	0·054	−0·048	−0·010	−0·054	−0·055	0·013	0·010	0·091	0·059	0·012	0·024	0·039	0·012
1916	0·137	0·044	−0·015	−0·036	−0·035	0·005	0·018	0·083	0·058	0·044	0·061	0·075	0·037
1917	0·099	−0·089	−0·026	−0·081	−0·068	−0·033	0·027	0·001	0·032	0·030	0·064	0·073	0·003
1918	0·034	−0·029	−0·091	−0·051	−0·125	−0·026	0·018	0·051	0·062	0·064	−0·005	0·015	−0·007
1919	−0·084	−0·022	−0·104	−0·099	−0·104	0·001	0·024	0·074	0·060	0·071	0·028	0·031	−0·011
1920	0·004	−0·011	−0·009	−0·041	−0·028	0·026	0·044	0·101	0·032	−0·024	−0·061	−0·024	0·001
1921	0·068	−0·041	−0·044	−0·013	−0·069	−0·042	0·035	0·012	0·064	0·114	0·070	0·053	0·017
1922	0·090	−0·063	0·019	−0·066	−0·059	·0·029	0·073	0·060	0·049	0·067	0·074	0·077	0·030
1923	0·031	0·056	−0·119	−0·062	−0·071	−0·011	0·036	0·041	0·071	0·136	0·089	0·066	0·022
1924	−0·032	0·031	−0·102	−0·060	−0·060	−0·034	0·074	0·065	0·076	0·061	0·006	−0·046	−0·002
1925	−0·010	0·050	−0·057	−0·024	−0·047	0·036	0·008	0·083	0·118	0·118	0·142	0·113	0·044
1926	0·044	0·027	−0·011	0·006	−0·024	0·036	0·049	0·082	0·108	0·094	0·085	0·071	0·047
1927	0·012	−0·011	−0·021	0·029	0·012	0·063	0·082	0·122	0·092	0·105	0·147	0·045	0 054
1928	−0·039	−0·019	−0·129	−0·013	−0·043	0·023	0·081	0·110	0·090	0·116	0·115	0·055	0·027
1929	−0·030	−0·177	−0·080	−0·066	−0·050	−0·007	0·051	0·040	0·085	0·132	0·065	0·038	0·001
1930	0·036	−0·044	−0·088	−0·066	−0·085	−0·041	0·061	0·057	0·002	0·052	0·127	0·013	0·002
1931	0·051	−0·093	−0·020	−0·056	−0·026	−0·034	0·083	0·050	0·083	0·113	0·051	0·103	0·027
1932	0·072	0·052	−0·018	−0·023	−0·022	0·000	0·081	0·081	0·095	0·137	0·003	0·013	0·037
1933	−0·035	0·005	−0·085	−0·004	−0·024	0·025	0·016	0·105	0·071	0·040	0·098	0·020	0·019
1934	−0·066	−0·010	−0·036	−0·111	−0·085	−0·024	0·026	0·063	0·050	0·093	0·071	0·029	0·000
1935	−0·040	0·066	−0·041	−0·036	−0·097	−0·029	0·074	0·062	0·079	0·128	0·098	0·067	0·027
1936	0·050	0·080	−0·065	−0·005	−0·043	−0·010	0·026	0·045	0·058	0·121	0·055	0·075	0·032

AARHUS.

The mean values increase upwards; the unit is 1 metre.

1888	..	..	..	..	..	..	..	..	..	−0·0751	0·0541	0·0307	0·0324	(0·0111)
1889	−0·0613	0·0112	−0·0860	−0·1317	−0·1465	−0·0509	0·0049	0·0377	0·0256	−0·0218	0·0152	−0·0787	−0·0407
1890	0·0770	−0·1731	−0·0350	−0·0776	−0·0837	−0·0400	−0·0071	0·0049	−0·0276	0·1446	0·0486	−0·0798	−0·0205
1891	−0·0262	−0·1878	−0·0146	−0·1539	−0·1120	−0·0876	−0·0116	−0·0057	0·0397	0·0347	−0·0396	0·0404	−0·0427
1892	−0·0209	−0·1059	−0·1106	−0·1268	−0·1028	−0·0496	−0·0117	0·0191	0·0115	−0·0235	−0·0977	0·0533	−0·0460
1893	−0·0894	−0·1983	−0·0844	−0·1418	−0·0655	−0·0704	−0·0259	0·0252	0·0877	0·1369	0·0460	0·0116	−0·0141
1894	−0·0360	0·0499	−0·0978	−0·1383	−0·1513	−0·0496	−0·0317	0·0231	−0·0071	0·0123	0·0235	0·0597	−0·0297

( ), the enclosed mean values have been calculated from an incomplete series of observations.

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TABLE B—*continued.*

AARHUS—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1895	−0·0610	−0·0440	−0·0906	−0·1121	−0·1467	−0·0774	0·0237	0·0229	0·0485	0·0852	0·0094	0·0131	−0·0286
1896	−0·0226	−0·0742	−0·0364	−0·0899	−0·0879	−0·0120	0·0079	0·0008	0·0264	−0·0628	−0·0029	−0·0610	−0·0329
1897	−0·0523	−0·0536	−0·1367	−0·1365	−0·0763	−0·0689	0·0189	0·0111	0·0534	−0·0432	0·0108	−0·0581	−0·0442
1898	0·0510	0·0461	−0·0256	−0·1036	−0·0693	−0·0715	0·0255	−0·0255	0·0706	0·0309	0·0015	0·1747	0·0086
1899	0·0540	−0·0161	−0·0294	−0·0430	−0·0777	−0·0388	0·0039	0·0315	0·1406	0·1008	0·2047	0·0060	0·0234
1900	−0·0296	−0·1215	−0·1278	−0·1285	−0·0873	−0·0639	−0·0201	−0·0087	0·0282	0·0812	−0·0482	0·0912	−0·0356
1901	−0·0511	−0·1260	−0·1808	−0·1243	−0·1930	−0·0784	−0·1035	0·0053	−0·0125	0·0291	0·0939	0·0212	−0·0604
1902	0·1584	−0·1163	−0·0555	−0·1714	−0·0516	−0·0760	0·0371	0·0627	0·0260	0·0495	0·0004	0·0472	−0·0054
1903	0·0137	0·1345	−0·0130	0·0347	−0·0608	−0·0737	0·0610	0·1350	0·0339	0·0959	0·1362	−0·0549	0·0352
1904	−0·0657	−0·1310	−0·1615	−0·1232	−0·1346	−0·0130	0·0124	0·0209	−0·0663	0·0527	0·0735	0·0832	−0·0313
1905	0·0166	−0·0127	−0·1839	−0·0370	−0·1223	−0·0198	0·0665	0·0614	0·0816	0·0770	−0·0026	0·0572	−0·0065
1906	0·0653	−0·0684	0·0597	−0·0980	−0·1066	−0·0195	0·0357	0·0612	0·0032	−0·0201	0·0823	0·0373	0·0039
1907	−0·0434	−0·0526	−0·0903	−0·0707	−0·0674	−0·0542	−0·0103	0·0761	0·0056	0·0456	−0·0350	−0·0264	−0·0256
1908	0·0234	0·0212	−0·1691	−0·1247	−0·1044	−0·0773	−0·0570	0·0539	−0·0375	−0·0343	0·0434	−0·0064	−0·0390
1909	−0·0281	−0·0639	−0·1135	−0·1085	−0·1577	−0·0713	0·0727	0·0535	−0·0213	0·0731	0·0881	0·0322	−0·0202
1910	0·1516	0·0081	−0·1124	−0·0755	−0·0706	−0·0304	0·0431	−0·0143	0·0183	−0·0150	0·0360	0·0213	−0·0080
1911	−0·0350	0·0685	−0·0754	0·0260	−0·0536	−0·0639	−0·0132	0·0350	0·1103	−0·0146	0·0755	0·0159	0·006
1912	−0·061	0·052	−0·043	−0·083	−0·012	−0·002	−0·025	0·064	0·027	0·034	0·083	0·158	0·016
1913	−0·017	−0·070	0·045	−0·025	−0·071	−0·014	0·028	0·038	−0·031	0·065	0·223	0·182	0·028
1914	0·041	0·061	−0·003	−0·049	−0·042	−0·017	0·049	0·028	0·112	0·016	0·060	0·120	0·031
1915	0·023	−0·076	−0·041	−0·096	−0·101	−0·032	0·015	0·041	−0·014	−0·063	0·012	0·005	−0·024
1916	0·178	[illegible]28	−0·055	−0·183	−0·080	−0·020	−0·005	0·066	0·010	0·131	0·073	0·043	0·011
1917	−0·0[illegible]	[illegible]80	−0·086	−0·109	−0·155	−0·071	0·000	−0·019	0·075	0·022	0·108	0·011	−0·029
1918	[illegible]	[illegible]039	−0·216	−0·145	−0·147	−0·013	−0·006	0·050	0·103	0·026	0·011	0·034	−0·025
1919	[illegible]	−0·046	−0·120	−0·157	−0·166	0·004	−0·010	0·074	0·064	0·018	0·010	0·007	−0·038
1920	0·066	−0·002	−0·049	−0·053	−0·089	0·000	0·042	0·045	0·008	−0·068	−0·052	−0·057	−0·017
1921	0·144	−0·106	−0·013	−0·108	−0·103	0·025	0·011	−0·003	0·045	0·106	−0·033	0·122	0·008
1922	−0·030	−0·023	−0·035	−0·109	−0·065	0·003	0·049	0·036	0·020	0·017	0·082	0·054	0·000
1923	0·080	−0·016	−0·161	−0·092	−0·085	0·012	0·023	0·062	0·060	0·177	0·099	0·037	0·014
1924	−0·065	−0·006	−0·084	−0·112	−0·107	−0·064	0·039	0·049	0·108	0·036	−0·004	0·016	−0·016
1925	0·072	0·025	−0·086	−0·068	−0·097	0·023	−0·035	0·067	0·112	0·094	0·079	0·126	0·026
1926	−0·023	−0·011	−0·028	−0·063	−0·069	0·000	0·031	0·067	0·063	0·091	0·056	0·051	0·014
1927	0·023	−0·070	−0·058	0·040	−0·064	0·020	0·038	0·093	0·064	0·108	0·078	−0·031	0·020
1928	−0·025	−0·042	−0·170	−0·051	−0·088	0·034	0·061	0·083	0·048	0·089	0·142	0·044	0·010
1929	−0·092	−0·203	−0·097	−0·080	−0·101	0·001	0·029	0·032	0·082	0·145	0·058	0·056	−0·013
1930	0·058	−0·115	−0·088	−0·123	−0·093	−0·088	0·057	0·043	−0·006	0·124	0·169	−0·030	−0·007
1931	0·073	−0·094	−0·049	−0·096	−0·064	−0·016	0·081	0·033	0·043	0·136	0·002	0·176	0·020
1932	0·111	−0·038	−0·066	−0·047	−0·065	−0·019	0·065	0·055	0·126	0·136	0·025	0·018	0·025
1933	−0·044	−0·017	−0·101	−0·030	−0·057	−0·002	0·003	0·092	0·010	0·047	0·041	−0·010	−0·006
1934	−0·030	−0·020	−0·095	−0·143	−0·076	−0·065	0·023	0·057	0·043	0·095	0·037	−0·017	−0·016
1935	−0·036	0·108	−0·114	−0·076	−0·145	−0·013	0·099	0·006	0·138	0·162	0·058	0·019	0·014
1936	0·027	−0·007	−0·110	−0·037	−0·119	−0·013	0·037	0·031	−0·002	0·150	0·020	0·127	0·006

FREDERIKSHAVN.

The mean values increase upwards; the unit is 1 metre.

1893	..	−0·0991	0·0042	−0·1645	−0·1085	−0·0679	−0·0131	0·0509	0·1364	0·1613	0·0173	0·0591	(0·0058)
1894	−0·0117	0·0993	−0·1068	−0·2149	−0·1856	−0·0791	−0·0274	0·0600	−0·0486	−0·0597	0·0761	0·1062	−0·0328
1895	−0·1818	−0·1427	−0·1074	−0·1101	−0·1962	−0·0940	0·0588	0·0477	0·0274	0·0810	0·0010	0·0467	−0·0470
1896	−0·0135	−0·1237	−0·0661	−0·1243	−0·1142	−0·0031	−0·0082	−0·0090	0·0089	−0·0475	−0·0539	−0·1192	−0·0560
1897	−0·1803	−0·0553	−0·1511	−0·1879	−0·1116	−0·0794	0·0168	0·0081	0·0831	−0·0616	−0·0199	−0·0491	−0·0635
1898	0·0869	−0·0094	−0·1559	−0·1648	−0·0768	−0·0546	0·0651	−0·0132	0·0355	−0·0555	0·0082	0·2361	−0·0075
1899	0·0298	−0·0462	−0·0658	−0·0674	−0·1504	−0·0813	−0·0152	−0·0180	0·1259	0·1194	0·2074	−0·1046	−0·0058
1900	−0·0867	−0·1440	−0·1872	−0·1442	−0·0949	−0·0860	−0·0050	−0·0068	0·0185	0·1206	−0·0831	0·1524	−0·0411
1901	−0·0530	−0·1543	−0·2238	−0·1422	−0·2273	−0·0467	−0·1074	0·0032	−0·0875	0·0173	0·0440	−0·0280	−0·0836
1902	0·1395	−0·1880	−0·0830	−0·2414	−0·1031	−0·1414	0·0208	0·0027	−0·0457	−0·0073	−0·0778	0·0229	−0·0566
1903	0·0137	0·1794	−0·0012	−0·0300	−0·1238	−0·1176	0·0630	0·1748	−0·0352	0·0408	0·1244	−0·1085	0·0135
1904	−0·0293	−0·0790	−0·2456	−0·0963	−0·1373	−0·0358	−0·0165	0·0559	−0·1154	0·0356	0·0725	0·0096	−0·0132
1905	0·0066	−0·0657	−0·1929	−0·0974	−0·1643	−0·0834	0·0502	0·0376	0·0446	0·0391	−0·0509	0·0476	−0·0354

( ), the enclosed mean value has been calculated from an incomplete series of observations.

TABLE B—*continued.*

FREDERIKSHAVN—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1906	0·0607	−0·0907	−0·0024	−0·1925	−0·1753	−0·0431	0·0161	0·0786	−0·0506	0·0042	0·0446	0·0429	−0·0244
1907	−0·0604	−0·0295	−0·0688	−0·1150	−0·0951	−0·0686	−0·0035	0·1168	−0·0017	−0·0207	−0·0592	−0·0449	−0·0373
1908	0·0390	−0·0091	−0·3115	−0·1981	−0·1414	−0·0911	−0·0546	0·0519	−0·0186	−0·1082	0·0521	−0·0351	−0·0692
1909	0·0025	−0·1218	−0·1905	−0·1322	−0·1604	−0·0881	0·0948	0·0529	−0·0622	0·1153	0·0828	0·0664	−0·0277
1910	0·1273	0·0130	−0·1457	−0·0856	−0·1105	−0·0595	0·0186	−0·0155	−0·0313	−0·0882	0·0445	0·0164	−0·0274
1911	−0·0501	0·0657	−0·1677	−0·0229	−0·1344	−0·0736	−0·0236	0·0072	0·0927	−0·0465	0·1041	−0·0055	−0·022
1912	−0·107	−0·016	−0·048	−0·146	−0·044	−0·015	−0·076	0·082	−0·010	−0·007	0·092	0·217	−0·006
1913	−0·117	0·000	0·052	−0·108	−0·136	−0·001	0·004	0·001	−0·084	0·044	0·290	0·160	0·009
1914	0·009	0·066	−0·039	−0·063	−0·071	−0·078	0·004	−0·002	0·111	−0·106	0·094	0·156	0·006
1915	−0·020	−0·105	−0·100	−0·059	−0·123	−0·093	0·040	0·027	−0·041	−0·172	0·023	−0·040	−0·055
1916	0·210	−0·066	−0·159	−0·126	−0·121	−0·046	−0·027	0·026	−0·024	0·061	0·071	0·011	−0·015
1917	−0·133	−0·123	−0·153	−0·123	−0·227	−0·114	−0·041	−0·020	0·123	0·083	0·134	−0·046	−0·053
1918	−0·014	−0·067	−0·257	−0·239	−0·217	−0·014	−0·033	0·018	0·132	−0·011	−0·043	0·033	−0·059
1919	−0·173	−0·116	−0·146	−0·139	−0·242	−0·010	−0·024	0·097	0·069	−0·065	−0·077	−0·019	−0·070
1920	0·065	0·033	−0·068	−0·077	−0·073	−0·061	0·037	0·006	−0·028	−0·133	−0·023	−0·098	−0·035
1921	0·117	−0·203	−0·032	−0·206	−0·156	−0·030	−0·030	−0·023	−0·016	0·014	−0·195	0·146	−0·049
1922	−0·184	−0·099	−0·110	−0·204	−0·074	−0·050	0·005	0·004	−0·037	−0·092	0·140	0·038	−0·055
1923	0·056	−0·144	−0·249	−0·171	−0·084	0·012	−0·016	0·055	0·048	0·192	0·063	−0·055	−0·024
1924	−0·143	−0·093	−0·147	−0·164	−0·163	−0·078	0·005	−0·004	0·100	−0·013	−0·046	0·050	−0·058
1925	0·081	−0·029	−0·184	−0·148	−0·163	−0·025	−0·104	0·035	0·058	0·041	−0·005	0·103	−0·028
1926	−0·095	−0·118	−0·050	−0·153	−0·132	−0·033	−0·019	0·055	0·027	0·046	0·030	−0·003	−0·036
1927	0·007	−0·122	−0·102	0·025	−0·116	−0·012	−0·029	0·070	0·061	0·092	−0·024	−0·144	−0·024
1928	0·003	−0·043	−0·285	−0·156	−0·181	0·031	0·069	0·039	−0·008	0·050	0·112	−0·032	−0·034
1929	−0·208	−0·351	−0·117	−0·130	−0·168	−0·024	0·012	0·019	0·039	0·138	0·060	0·112	−0·049
1930	0·055	−0·213	−0·137	−0·250	−0·155	−0·118	0·008	0·004	−0·101	0·099	0·145	−0·099	−0·062
1931	0·002	−0·177	−0·175	−0·184	−0·167	−0·046	0·035	−0·015	−0·055	0·104	−0·047	0·112	−0·050
1932	0·092	−0·168	−0·166	−0·110	−0·139	−0·073	0·015	−0·018	0·116	0·088	0·005	0·004	−0·029
1933	−0·113	−0·083	−0·152	−0·121	−0·151	−0·088	−0·001	0·041	−0·092	−0·075	−0·093	−0·097	−0·085
1934	0·002	−0·030	−0·166	−0·230	−0·075	−0·114	−0·029	0·022	−0·002	0·136	−0·025	−0·065	−0·048
1935	−0·082	0·110	−0·219	−0·141	−0·226	−0·065	0·064	−0·054	0·133	0·210	0·005	−0·017	−0·025
1936	0·010	−0·130	−0·224	−0·102	−0·242	−0·098	0·025	0·007	−0·097	0·124	−0·008	0·150	−0·048

HIRTSHALS. The mean values increase upwards; the unit is 1 metre.

1892	−0·0314	−0·1544	−0·2716	−0·1645	−0·1530	−0·0681	−0·0255	0·0320	0·1120	−0·0478	−0·1168	−0·0731	−0·0859
1893	−0·2120	..	..	−0·1984	−0·1840	−0·0820	−0·0228	0·0653	0·1606	0·1895	0·0193	0·1191	(0·0016)
1894	−0·0045	0·1570	−0·0623	−0·2324	−0·1775	−0·0704	0·0126	0·1443	−0·0368	−0·1097	0·1072	0·1380	−0·0123
1895	−0·2616	−0·2479	−0·0727	−0·0808	−0·2020	−0·0847	0·0773	0·0706	0·0904	0·1128	0·0094	−0·0165	−0·0496
1896	−0·0230	−0·1117	−0·0511	−0·1069	−0·1209	−0·0259	−0·0197	−0·0021	0·0235	−0·0466	−0·0721	−0·1821	−0·0613
1897	−0·2705	−0·0258	−0·1556	−0·1827	−0·1015	−0·0680	0·0396	−0·0007	..	−0·0519	−0·0766	−0·0220	(−0·0901)
1898	0·1398	0·0609	−0·1767	−0·1134	−0·1429	−0·0506	0·0848	0·0147	0·0530	−0·1180	0·0057	0·2549	0·0079
1899	0·0175	−0·0249	−0·0331	−0·0545	−0·1692	−0·1061	−0·0182	−0·0282	0·1181	0·1604	0·2036	−0·1310	−0·0052
1900	−0·0724	−0·2297	−0·2167	−0·1620	−0·1032	−0·0864	−0·0033	−0·0182	0·0747	0·1466	−0·1195	0·1337	−0·0540
1901	−0·0458	−0·1324	−0·2525	−0·1395	−0·2394	−0·0484	−0·1143	0·0154	−0·1258	0·0140	0·0584	−0·0281	−0·0868
1902	0·1687	−0·2128	−0·0568	−0·2734	−0·1148	−0·1437	0·0359	0·0146	−0·0500	−0·0312	−0·1308	..	(−0·0714)
1903	0·0212	0·2310	0·0279	−0·0544	−0·1374	−0·1694	0·0530	0·1603	−0·0748	0·0302	0·1146	−0·1468	0·0046
1904	−0·0183	−0·1609	−0·3178	−0·0820	−0·1561	−0·2464	−0·0285	0·0425	−0·1492	0·0172	0·0818	0·0977	−0·0673
1905	−0·1382	0·0793	−0·2380	−0·1517	−0·1758	−0·1139	0·0318	0·0089	0·0206	0·0324	−0·0894	0·1084	−0·0463
1906	0·0790	−0·0458	0·0152	−0·2066	−0·1901	−0·0886	−0·0209	0·0572	−0·1210	−0·0297	0·0147	0·0591	−0·0387
1907	−0·0609	−0·0271	−0·0595	−0·1788	−0·1221	−0·0274	−0·0355	0·1222	−0·0117	−0·0242	−0·0755	−0·0521	−0·0497
1908	0·0380	0·0511	−0·3319	−0·2420	−0·1303	−0·0915	−0·0426	0·0729	−0·0004	..	..	−0·0467	(−0·0742)
1909	0·0413	−0·1291	−0·2500	−0·1353	−0·1401	−0·0847	0·0992	0·0629	−0·0922	0·1518	0·0563	0·0518	−0·0317
1910	0·2770	..	−0·1548	−0·0920	−0·1465	−0·0831	0·0090	−0·0133	−0·0561	−0·1110	0·0495	−0·0015	(−0·0486)
1911	−0·0349	0·1190	−0·2191	−0·0528	−0·1315	−0·0499	−0·0249	−0·0042	0·1142	0·0220	0·0907	−0·0096	−0·025
1912	−0·166	−0·013	−0·012	−0·132	−0·021	−0·006	−0·064	0·098	0·006	−0·007	0·108	0·259	0·004
1913	−0·147	−0·004	0·128	−0·118	−0·156	0·006	−0·019	−0·045	−0·108	0·027	0·332	..	(−0·010)
1914	0·043	0·097	−0·003	−0·024	−0·076	−0·095	0·005	−0·003	0·114	−0·101	0·054	0·168	0·014
1915	−0·031	−0·041	−0·045	0·045	−0·173	−0·094	0·108	0·032	−0·046	−0·258	−0·011	−0·027	−0·045

( ), the enclosed mean values have been calculated from an incomplete series of observations.

TABLE B—*continued.*

HIRTSHALS—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1916	0·214	−0·075	−0·319	−0·128	−0·112	−0·021	−0·010	0·040	−0·014	0·038	0·075	0·010	−0·025
1917	−0·241	−0·118	−0·211	−0·097	−0·239	−0·110	−0·066	−0·011	0·090	0·076	0·089	−0·122	−0·080
1918	−0·038	−0·055	−0·324	−0·386	−0·240	−0·031	−0·020	0·009	0·139	−0·016	−0·063	−0·021	−0·087
1919	−0·211	−0·242	−0·189	−0·158	−0·279	−0·025	−0·006	0·105	0·081	−0·086	−0·433	−0·086	−0·126
1920	0·089	0·041	−0·039	−0·085	−0·076	−0·046	0·057	0·004	−0·032	−0·201	−0·057	−0·134	−0·040
1921	0·186	−0·174	0·024	−0·190	−0·110	0·001	0·008	0·022	0·049	0·070	−0·202	0·090	−0·017
1922	0·075	−0·011	−0·105	−0·207	−0·046	−0·010	0·029	0·030	−0·035	−0·116	0·103	0·088	−0·017
1923	0·090	−0·265	−0·298	−0·247	−0·043	0·034	0·032	0·090	0·087	0·240	0·136	−0·011	−0·011
1924	−0·146	−0·104	−0·115	−0·152	−0·087	−0·001	0·063	0·057	0·138	0·008	−0·004	0·128	−0·018
1925	0·136	0·034	−0·180	−0·135	−0·154	−0·020	−0·086	0·032	0·051	0·044	−0·075	0·089	−0·022
1926	−0·144	−0·209	−0·120	−0·177	−0·110	−0·044	−0·064	0·035	0·024	0·024	0·048	−0·013	−0·062
1927	0·043	−0·102	−0·098	0·038	−0·128	0·018	−0·041	0·084	0·084	0·057	−0·100	−0·324	−0·039
1928	0·013	−0·026	−0·394	−0·256	−0·264	−0·013	0·039	−0·002	−0·069	0·006	0·038	−0·194	−0·094
1929	−0·395	−0·497	−0·172	−0·202	−0·224	−0·059	0·000	0·045	0·062	0·144	0·082	0·107	−0·090
1930	0·131	−0·335	−0·126	−0·268	−0·123	−0·094	0·051	0·046	−0·119	0·159	0·193	−0·029	−0·040
1931	−0·002	−0·236	−0·239	−0·200	−0·154	−0·011	0·069	−0·014	−0·047	0·151	0·009	0·185	−0·039
1932	0·202	−0·170	−0·172	−0·071	−0·138	−0·066	0·034	−0·008	0·160	0·081	0·042	0·048	−0·004
1933	−0·089	−0·069	−0·142	−0·093	−0·138	−0·090	0·054	0·084	−0·099	−0·031	−0·182	−0·187	−0·082
1934	0·065	0·013	−0·166	−0·262	−0·058	−0·120	−0·025	0·041	0·007	0·159	−0·024	−0·080	−0·037
1935	−0·087	0·152	−0·225	−0·117	−0·268	−0·058	0·074	−0·054	0·133	0·202	−0·036	−0·040	−0·029
1936	0·040	−0·217	−0·289	−0·154	−0·391	−0·120	0·045	0·001	−0·139	0·084	−0·013	0·200	−0·078

ESBJERG. The mean values increase upwards; the unit is 1 metre.

1889	..	..	−0·0463	−0·1592	−0·1502	−0·1297	0·0380	0·2253	0·0990	−0·0252	0·1299	0·0635	(0·0048)
1890	0·3685	−0·3047	0·1200	−0·0323	−0·0524	0·0305	0·1537	0·1412	0·0294	0·3045	0·0127	−0·3046	0·0422
1891	−0·0480	−0·1070	0·1103	−0·2590	−0·0378	−0·1380	0·0611	0·2951	0·2757	0·1864	0·0270	0·3117	0·0457
1892	0·1208	0·0315	−0·2149	−0·0836	−0·0750	−0·0144	−0·0005	0·0962	0·1559	0·1377	0·0044	0·1265	0·0226
1893	−0·1049	0·0941	0·1294	−0·1395	−0·1239	−0·0526	0·0215	0·0870	0·2649	0·3664	0·1126	0·2942	0·0823
1894	0·1242	0·3218	0·0905	−0·1500	−0·1108	−0·0530	0·0687	0·1586	−0·0258	−0·0468	0·2458	0·3472	0·0799
1895	−0·2319	−0·2326	0·0409	−0·0161	−0·1306	−0·0685	0·1661	0·1546	0·0729	0·2687	0·0887	0·1465	0·0255
1896	0·0744	−0·1178	0·1348	−0·0025	−0·1148	−0·0021	0·0304	0·0436	0·2278	0·1865	−0·0267	−0·0542	0·0327
1897	−0·2801	0·0082	0·0472	−0·1141	−0·0055	−0·0267	0·1043	0·1317	0·2436	0·0357	0·0822	0·1899	0·0392
1898	0·2406	0·2751	−0·1915	−0·1565	0·0196	0·0180	0·0697	0·1041	0·0676	−0·1014	0·1111	0·5821	0·0883
1899	0·2793	0·0493	0·0714	0·0560	−0·0882	−0·1040	0·0038	−0·0260	0·3561	0·3658	0·3378	−0·1225	0·0778
1900	0·0003	−0·0647	−0·2074	−0·0658	−0·0668	−0·0437	0·0165	0·0442	0·1058	0·3208	−0·0557	0·3609	0·0322
1901	0·0679	−0·0927	−0·1864	−0·0226	−0·2163	−0·0129	−0·1147	0·0832	−0·0689	0·1283	0·1788	0·2261	−0·0024
1902	0·3644	−0·2201	0·0756	−0·2043	−0·0005	−0·0612	0·0925	0·0579	−0·0103	0·0794	−0·1522	0·0285	0·0044
1903	0·1928	0·4807	0·2386	0·1046	−0·0362	−0·1376	0·1008	0·2779	0·0262	0·2923	0·2360	−0·0519	0·1420
1904	0·1344	0·0444	−0·2724	0·1116	−0·0097	−0·0111	−0·0191	0·1227	−0·0993	0·1274	0·2476	0·2263	0·0504
1905	0·1589	0·1321	−0·0277	−0·0614	−0·1297	−0·0603	0·0290	0·1086	0·1046	0·2014	−0·0108	0·1110	0·0456
1906	0·2767	0·1297	0·1794	−0·1652	−0·0875	−0·0460	0·0199	0·1020	−0·0505	0·1424	0·1913	0·2221	0·0769
1907	0·0966	0·1323	0·0573	−0·1202	−0·0249	0·1158	0·0271	0·2288	0·0028	0·0824	0·0279	0·0695	0·0578
1908	0·1632	0·2387	−0·2106	−0·1771	−0·0575	−0·0660	−0·0100	0·1421	0·1135	−0·1714	0·2295	0·0401	0·0180
1909	0·2255	−0·0947	−0·1460	−0·0488	−0·1286	−0·0750	0·1762	0·0998	0·0306	0·3275	0·1609	0·3375	0·0616
1910	0·3374	0·2227	−0·0644	0·0242	−0·0439	0·0165	0·1175	0·1062	−0·0119	−0·0755	0·3049	0·2009	0·0915
1911	0·0673	0·3391	−0·1518	0·0216	−0·0610	0·0331	−0·0080	0·0499	0·1460	0·0865	0·3464	0·1304	0·081
1912	−0·181	0·088	0·193	0·005	0·017	0·059	−0·005	0·219	0·038	0·135	0·315	0·543	0·119
1913	−0·132	0·097	0·332	−0·078	−0·132	0·080	0·021	0·022	−0·066	0·095	0·548	0·423	0·101
1914	0·124	0·274	0·151	0·017	−0·035	−0·050	0·078	0·038	0·251	−0·120	0·232	0·323	0·105
1915	0·147	−0·012	−0·034	−0·018	−0·151	−0·092	0·147	0·076	0·003	−0·216	0·139	0·150	0·012
1916	0·562	0·125	−0·144	0·012	−0·017	0·118	0·038	0·096	0·051	0·292	0·183	0·166	0·124
1917	−0·226	−0·068	−0·150	0·026	−0·212	−0·055	−0·013	0·180	0·278	0·439	0·379	0·080	0·055
1918	0·215	0·153	−0·265	−0·186	−0·190	0·059	0·071	0·083	0·426	0·135	0·031	0·269	0·066
1919	−0·002	−0·064	0·005	−0·010	−0·189	0·110	0·059	0·207	0·242	0·021	−0·060	0·165	0·041
1920	0·327	0·284	0·120	0·112	0·044	−0·021	0·170	0·086	0·067	−0·173	0·018	−0·077	0·079
1921	0·481	−0·094	0·214	−0·124	−0·071	−0·042	0·011	0·102	0·048	0·142	−0·067	0·409	0·087
1922	−0·156	−0·019	−0·045	−0·066	0·023	0·038	0·146	0·131	0·071	−0·121	0·263	0·369	0·053

( ), the enclosed mean value has been calculated from an incomplete series of observations.

TABLE B—*continued.*

ESBJERG—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1923	0·277	−0·186	−0·236	−0·207	0·063	0·093	0·086	0·219	0·200	0·468	0·368	0·094	0·108
1924	−0·046	−0·033	0·011	−0·028	0·015	0·075	0·139	0·174	0·319	0·142	0·123	0·323	0·102
1925	0·399	0·294	−0·036	−0·037	0·002	0·052	0·027	0·131	0·265	0·208	0·062	0·352	0·143
1926	0·054	−0·044	0·169	−0·018	−0·006	0·077	0·090	0·174	0·179	0·254	0·257	0·114	0·109
1927	0·334	0·057	0·076	0·179	0·000	0·136	0·069	0·225	0·306	0·265	0·024	−0·284	0·116
1928	0·307	0·255	−0·254	−0·102	−0·106	0·139	0·180	0·161	0·071	0·235	0·458	0·076	0·117
1929	−0·190	−0·424	−0·040	−0·075	−0·079	0·096	0·049	0·132	0·138	0·390	0·289	0·444	0·064
1930	0·332	−0·273	−0·001	−0·187	−0·024	−0·024	0·159	0·184	0·060	0·348	0·428	0·059	0·092
1931	0·187	0·015	−0·140	−0·053	−0·007	0·081	0·259	0·114	0·071	0·264	0·124	0·323	0·104
1932	0·370	−0·166	−0·087	0·114	0·028	−0·024	0·130	0·041	0·283	0·309	0·211	0·151	0·115
1933	−0·028	0·080	0·004	−0·024	−0·059	0·019	0·112	0·141	−0·039	0·198	−0·109	−0·191	0·009
1934	0·239	0·099	0·007	−0·142	0·012	−0·042	0·012	0·134	0·127	0·416	0·077	0·044	0·083
1935	0·038	0·391	−0·160	0·055	−0·217	0·060	0·147	0·006	0·368	0·446	0·136	0·134	0·114
1936	0·311	−0·052	−0·140	0·019	−0·218	−0·015	0·216	0·099	−0·008	0·368	0·191	0·461	0·104

NETHERLANDS

§ 1. *Authorities.*

1. Algemeene Dienst van den Rijkswaterstaat, 's-Gravenhage.

§ 2. *Apparatus.*

1. Recording gauge.
2. Pole.

§ 3. *Datums.*

The original standard surface of the precision levelling system of the Netherlands was known as the *Amsterdamsch Peil* or A.P. In January 1891 this was replaced by a new standard surface, the *Nauwkeurigheids Amsterdamsch Peil* or N.A.P. All mean heights up to 1890 inclusive have been reduced to N.A.P.

NETHERLANDS

TABLE A: Stations, Authorities and Conditions

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums, § 3		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
	° ′	° ′	§ 1	§ 1	§ 1	§ 2			p. 10	cm.			
Delfzijl	53 20 N.	6 56 E.	1	1	1	2	..	..	5*b**	0·0	..	1865–83	..
						1	..	..	4*j*		..	1884–1920	..
						1	..	..	5*a**		..	1921–31,	..
							..	..			..	1933–5	..
Terschelling	53 22 „	5 13 „	1	1	1	1	..	..	4*d*		..	1932, 1936	..
						1	..	..	4*j*	0·0	..	1921–2	..
Harlingen	53 10 „	5 25 „	1	1	1	1	..	..	4*d*		..	1923–36	..
						2	..	..	5*b**	0·0	..	1865–83	..
						1	..	..	4*j*		..	1884–1920	..
						1	..	..	5*a**		..	1921–33, 1935	..
						1	..	..	4*d*		..	1934, 1936	..
Den Helder	52 58 „	4 45 „	1	1	1	1	..	..	5*b**	0·0	..	1865–83	..
						1	..	..	4*j*		..	1884–1920	..
						1	..	..	5*a**		..	1921–31,	..
							..	..			..	1933, 1935	..
						1	..	..	4*d*		..	1932, 1934, 1936	..
Ijmuiden	52 28 „	4 35 „	1	1	1	2	..	..	5*b**	0·0	..	1871–83	..
						1	..	..	4*j*		..	1884–1920	..
						1	..	..	4*d*		..	1921–36	..
Hoek van Holland	51 59 „	4 07 „	1	1	1	2	..	..	5*b**	0·0	..	1864–87	..
						1	..	..	4*j*		..	1888–1920	..
						1	..	..	5*a**		..	1921–31	..
							..	..			..	1933, 1935	..
						1	..	..	4*d*		..	1932, 1934, 1936	..
Maassluis	51 55 „	4 15 „	1	1	1	2	..	..	5*b**	0·0	..	1848–83	..
						1	..	..	4*j*		..	1884–1920	..
						1	..	..	5*a**		..	1921–35	..
						1	..	..	4*d*		..	1936	..
Hellevoetsluis	51 49 „	4 08 „	1	1	1	2	..	..	5*b**	0·0	..	1861–83	..
						1	..	..	4*j*		..	1884–1920	..
						1	..	..	5*a**		..	1921–31,	..
							..	..			..	1933, 1935	..
						1	..	..	4*d*		..	1932, 1934, 1936	..
Brouwershaven	51 44 „	3 54 „	1	1	1	2	..	..	5*b**	0·0	..	1872–83	..
						1	..	..	4*j*		..	1884–1920	..
						1	..	..	5*a**		..	1921–35	..
						1	..	..	4*d*		..	1936	..
Zierikzee	51 38 „	3 55 „	1	1	1	2	..	..	5*b**	0·0	..	1872–87	..
						1	..	..	4*j*		..	1888–1920	..
						1	..	..	5*a**		..	1921–35	..
						1	..	..	4*d*		..	1936	..
Vlissingen	51 27 „	3 36 „	1	1	1	2	..	..	5*b**	0·0	..	1862–83	..
						1	..	..	4*j*		..	1884–1920	..
						1	..	..	4*d*		..	1921–36	..

* For these periods a shallow water correction has been added to the mean heights of high and low water in order to give a mean height of sea-level comparable with those otherwise calculated for other periods.

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TABLE B: Monthly and Annual Mean Heights of Sea-Level

215 DELFZIJL. The mean values increase upwards; the unit is 1 centimetre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1865	+ 4	−31 *i*	−23	−30	−16	−17	−10	−11	−15	−12	−11	−24	−16 *i*
1866	+ 4	+ 8	−33	−29	−18	−17	− 3	− 1	− 1	−25	+23	+11	− 7
1867	−13 *i*	+ 9	−27	+ 3	−21	−11	+ 1	−13	− 1	+ 5	+15	0	− 5 *i*
1868	−16	+14	−10	−17	−21	−11	−11	− 5	−12	+ 6	− 1	−11	− 8
1869	−24	+13	−31	−29	−17	− 9	−17	− 8	+ 5	+17	+31	− 4	− 6
1870	−18	−55 *i*	−19	−21	−16	−13	−17	− 4	− 5	+ 5	− 6	−23	−16 *i*
1871	−33	−25	−21	−14	−15	− 9	− 6	− 9	− 9	−17	−13	− 4	−14·5
1872	−17	−37	−17	−11	−14	−15	− 7	− 7	+13	− 7	+ 1	−13	−11·0
1873	− 7	−29	−35	−23	−12	− 7	− 6	+ 1	+ 6	+ 5	+ 5	+ 7	− 8·0
1874	+11	−23	− 3	−12	−23	− 9	−11	− 1	− 1	+ 6	− 7	− 8	− 6·5
1875	−11	−36	−25	−22	−15	−13	−15	−11	− 8	−20	− 1	− 4	−15·5
1876	−35	−13	+ 7	−26	−24	−13	− 5	− 3	+ 4	− 7	−13	−19	−12·5
1877	+19	+25	+ 7	−14	−11	− 5	+ 1	+ 3	+ 1	+ 9	+ 5	− 9	+ 2·5
1878	− 1	−18	+18	−21	−10	− 5	+ 3	− 5	+ 5	− 7	−11	− 9	− 4·5
1879	−29	−20	−27	−20	−21	− 5	0	− 7	− 8	− 4	− 6	−14	−13·5
1880	−20	−12	−29	−19	−19	− 8	− 8	−11	− 7	+ 3	+10	+27	− 7·5
1881	−13·5 *i*	−21·5 *i*	−15·5	−29·0	−29·0	−15·0	− 8·5	+ 7·5	−17·0	− 5·0	0·0	− 4·0	−13·5 *i*
1882	− 6·5	− 3·0	− 6·5	−26·5	−19·5	− 7·5	−11·5	+10·0	−16·0	−19·0	− 1·0	−29·5	−11·5
1883	−21·5	−25·5	−29·0	−38·0	−22·5	−30·0	−13·5	−13·5	−16·0	− 4·0	+ 4·5	+13·0	−16·5
1884	+ 8·0	−28·0	−31·0	−31·0	−18·0	−16·0	−18·0	−20·0	−13·0	+ 6·0	−16·0	+ 2·0	−15·0
1885	−30·3	−12·5	−15·0	−28·3	−12·4	−16·2	−19·9	− 9·0	− 5·7	+ 0·5	−25·0	+ 6·4	−14·0
1886	−11·1	−36·0	−34·4	−22·9	−23·4	− 9·9	− 8·4	−10·0	−10·0	−26·6	− 8·4	+10·2	−16·0
1887	−26·1	−27·2	−22·2	−23·5	−20·2	−17·9	−14·0	− 4·5	− 3·1	+11·7	−11·1	+ 6·7	−13·0
1888	−17·5	−36·2	−29·2	−25·3	−18·9	−22·9	+ 0·3	− 2·4	−16·5	+ 0·8	−15·0	− 8·0	−16·0
1889	−19·3	+ 7·8	−13·8	−25·1	−24·2	−18·6	− 9·1	+ 1·1	+ 0·6	−19·9	− 6·6	−16·7	−12·0
1890	+ 2·3	−43·5	−10·7	−16·6	−16·4	−14·1	− 5·2	− 8·7	−17·7	+13·0	−12·9	−43·6	−15·0
1891	−14·7	−28·6	0·0	−31·4	−18·9	−19·3	− 6·7	− 1·2	− 3·7	−12·6	−15·1	+ 7·4	−12·0
1892	− 3·0	− 8·6	−29·7	−19·8	−16·9	−10·3	−13·4	− 9·2	− 8·9	− 5·9	−16·2	− 1·0	−12·0
1893	−17·4	− 2·9	− 1·6	−23·9	−17·8	−15·1	−12·8	− 5·9	+ 1·3	+14·2	− 1·2	− 6·7	− 7·0
1894	−20·0	+ 2·7	−15·6	−29·6	−23·9	−14·1	−13·2	− 2·9	− 9·7	−14·4	− 2·0	+14·1	−11·0
1895	−30·5	−26·2	−15·4	−14·3	−17·2	−15·7	− 0·3	− 4·5	−16·9	+ 7·2	−19·1	+ 1·5	−12·0
1896	− 8·7	−26·7	− 3·6	−11·1	−15·8	− 9·9	− 8·5	− 8·4	+ 0·3	− 9·8	−13·8	−21·3	−11·0
1897	−28·4	−13·3	− 8·3	−20·0	− 8·3	−14·3	− 3·3	− 7·9	+ 3·6	−14·6	−11·2	−11·2	−11·0
1898	+ 2·8	+18·4	−18·0	−23·3	− 5·0	−11·1	+ 2·2	− 6·4	− 8·1	−22·9	−17·2	+21·8	− 6·0
1899	+ 2·2	−13·9	−11·4	−12·9	−16·8	−14·9	−11·2	−11·5	+ 8·6	− 4·2	+11·2	−24·4	− 8·0
1900	−12·2	−20·6	−21·6	−22·2	−18·1	−17·8	−10·1	−10·8	− 0·3	+14·5	−16·5	+ 9·2	−10·0
1901	− 9·9	−15·7	−26·8	−16·4	−26·9	−15·4	−20·6	− 7·7	−16·2	− 2·2	+11·7	− 0·1	−12·2
1902	+22·8	−37·0	− 6·0	−30·2	− 9·0	−16·8	− 4·5	− 8·7	−21·9	−14·9	−46·5	−15·0	−15·6
1903	− 5·0	+13·2	− 8·9	+ 9·3	−16·9	−17·0	− 2·8	+ 7·5	− 8·5	+ 6·9	+16·9	−26·2	− 2·6
1904	−13·5	− 7·0	−33·7	− 6·1	−15·7	−12·4	−17·3	− 9·3	−28·9	− 8·8	+ 4·1	− 1·5	−12·5
1905	− 9·0	−11·1	−31·1	−17·4	−24·6	−21·3	−11·4	−15·3	−14·3	− 0·3	−38·4	−31·3	−18·8
1906	− 8·4	−13·9	+ 4·7	−35·7	−27·1	−17·4	− 9·1	− 6·2	−13·0	− 9·2	− 1·7	+ 7·2	−10·9
1907	− 4·8	− 3·8	−13·0	−22·0	−17·0	−10·0	−10·0	− 0·1	−16·8	−15·0	−19·8	−13·8	−12·2
1908	− 4·5	+ 9·9	−25·5	−14·9	−15·5	−15·5	−11·8	− 2·1	−14·3	−28·6	+ 3·9	−17·4	−11·4
1909	− 0·2	−17·0	−21·4	−14·9	−21·4	−13·1	+ 2·5	− 0·6	− 4·8	+ 2·3	+ 6·2	− 0·3	− 6·9
1910	+10·8	− 3·0	−20·1	−12·1	−14·2	− 6·9	− 0·6	− 6·4	− 6·1	−20·5	+10·6	0·0	− 5·7
1911	− 8·8	+15·4	−17·6	− 7·7	−14·4	− 9·3	− 8·9	− 1·5	+ 1·4	− 3·1	+ 5·4	− 4·0	− 4·4
1912	−23·7	+ 1·1	+ 6·4	− 1·2	− 3·7	− 4·1	− 7·4	+ 6·0	+ 4·4	+ 0·3	+22·0	+26·2	+ 2·2
1913	−26·8	− 4·2	+ 2·2	−14·6	−22·2	− 4·1	− 1·9	− 4·4	−14·7	− 5·1	+25·8	+25·7	− 3·7
1914	− 7·5	− 3·2	− 1·2	−11·7	−10·9	− 9·6	− 1·2	−10·5	+10·9	−13·0	+ 8·7	+11·3	− 3·2
1915	+10·0	−18·9	− 6·4	−14·3	−19·1	−14·0	− 0·7	+ 1·2	− 8·4	−27·6	+ 7·0	+ 3·5	− 7·3
1916	+37·3	− 4·9	− 9·2	− 8·0	−10·9	− 0·7	− 6·8	+ 1·2	− 1·3	+ 3·3	− 8·2	+ 5·7	− 0·2
1917	−20·7	−21·3	−21·3	− 7·8	−23·6	−13·3	− 6·2	− 3·1	+ 7·7	+14·7	+15·0	+ 1·2	− 6·5
1918	+ 5·6	− 5·9	−33·3	−20·2	−25·7	− 3·0	− 6·5	− 4·8	+10·6	− 7·1	−15·4	+11·4	− 7·9
1919	−21·2	−17·1	−12·9	−16·8	−28·7	+ 2·1	− 7·2	+ 1·0	+ 0·5	− 8·5	−18·1	+ 1·9	−10·4
1920	+12·0	+ 5·6	−11·3	− 8·2	−14·8	−10·3	− 0·2	+ 1·4	− 4·7	−27·9	−17·2	−16·1	− 7·6
1921	+30·8	−21·0	− 5·7	−15·4	−16·0	+ 1·4	− 7·2	− 0·4	− 6·4	+12·3	− 8·8	+22·9	− 1·2
1922	−16·8	−20·4	− 7·8	−15·4	− 8·6	− 3·8	− 1·0	− 5·0	− 6·5	−20·6	+14·5	+ 8·9	− 6·8
1923	+11·0	−33·6	−28·2	−25·4	−10·6	+ 4·8	− 5·0	+ 5·1	− 3·3	+19·0	+10·2	+ 0·3	− 4·6
1924	−20·6	− 9·0	− 9·8	−13·7	−14·9	− 9·4	− 2·5	− 3·1	+ 7·4	− 6·8	− 9·3	− 2·7	− 7·9

i, the mean values have been obtained by interpolation or inference.

TABLE B—*continued.*

215 DELFZIJL—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1925	+11·5	− 0·2	− 7·4	−16·1	−17·5	+ 1·8	− 9·8	+ 0·3	+13·5	+ 6·6	+ 3·1	+18·2	+ 0·4
1926	−10·0	−13·6	+ 6·2	−15·2	− 8·4	− 3·4	+ 3·5	+ 5·0	+ 3·8	+15·0	− 4·0	+ 8·6	− 1·0
1927	+ 2·4	−17·2	− 9·0	+11·6	− 5·4	− 3·2	− 4·6	+ 3·0	+ 7·9	+ 9·2	−10·6	−26·9	− 3·6
1928	+ 4·6	− 0·6	−35·1	−15·6	−12·8	+ 1·0	+ 1·1	+ 1·7	− 2·2	+ 3·6	+32·4	− 3·2	− 2·1
1929	−20·1	−45·7	−13·1	− 9·5	−17·8	+ 0·2	− 5·6	− 3·6	+ 5·6	+17·3	+ 2·7	+13·7	− 6·3
1930	+ 2·1	−32·8	−15·1	−21·0	−12·8	−14·0	+ 3·2	+ 5·0	− 2·8	+17·1	+33·0	−10·8	− 4·0
1931	+15·8	−15·8	−18·4	−12·4	−12·0	− 7·4	+ 8·0	+ 2·3	+ 5·1	+17·0	−11·0	+16·4	− 1·0
1932	+ 6·0	−17·9	−17·8	− 1·3	− 5·8	− 6·8	+ 1·2	− 6·4	+10·8	+16·0	− 0·6	− 9·7	− 2·7
1933	−14·6	− 2·1	−14·4	− 8·8	− 8·2	− 2·2	− 1·8	+ 2·3	− 8·1	+ 6·4	− 9·6	−24·2	− 7·2
1934	− 1·6	+ 1·8	−15·5	−24·1	− 9·8	− 9·7	− 2·5	− 3·4	− 3·5	+24·3	− 3·0	−11·6	− 4·9
1935	+ 0·7	+20·6	−25·2	− 2·8	−21·5	−10·4	+ 8·6	− 9·5	+16·2	+22·6	− 5·0	+ 0·2	− 0·5
1936	+12·2	− 7·4	−19·6	+ 2·3	−18·1	− 8·6	+ 0·2	− 1·5	− 6·3	+24·2	− 2·8	+16·2	− 0·8

216 TERSCHELLING. The mean values increase upwards; the unit is 1 centimetre.

1921	+19·4	−22·3	− 8·1	−24·8	−23·8	−18·3	−15·7	− 6·4	−14·4	− 1·5	−14·0	+10·9	− 9·9
1922	−22·3	−19·5	−15·1	−21·1	−16·4	−13·0	− 3·7	− 5·9	− 4·7	−19·1	+ 8·9	+10·9	−10·1
1923	+ 2·3	−26·6	−31·1	−26·4	−11·2	− 9·3	− 9·8	− 1·0	− 4·8	+13·2	+ 5·9	− 7·0	− 8·8
1924	−21·3	−16·4	−16·6	−19·7	−14·2	−15·0	− 6·8	− 4·0	+ 3·0	− 6·2	−10·7	0·0	−10·7
1925	+ 3·6	+ 0·7	−19·8	−19·4	−15·4	−10·9	−13·4	− 6·4	+ 8·0	+ 0·4	− 2·2	+15·4	− 5·0
1926	−10·0	−12·8	− 5·6	−15·1	−16·5	− 9·4	− 9·3	− 2·4	− 2·0	+ 3·9	− 1·4	− 5·0	− 7·1
1927	+ 0·3	−17·4	−10·6	− 2·2	−18·5	− 6·3	−10·0	+ 0·1	+ 6·0	+ 2·0	−10·9	−30·6	− 8·2
1928	+ 2·4	− 1·4	−30·6	−19·2	−19·4	− 4·1	− 5·0	− 2·4	− 9·0	+ 2·9	+24·3	− 7·4	− 5·7
1929	−24·0	−44·2	−22·7	−18·7	−22·6	− 8·0	−10·7	− 5·7	− 1·6	+13·3	+ 5·5	+16·4	−10·2
1930	+ 5·4	−34·2	−18·0	−23·9	−17·4	−16·8	+ 1·4	+ 0·2	− 5·6	+11·6	+20·6	−11·3	− 7·3
1931	+ 5·8	−16·4	−25·0	−16·6	−14·3	−11·6	+ 3·8	− 4·2	− 7·3	+ 7·3	− 6·0	+ 6·7	− 6·5
1932	+ 4·7	−26·6	−22·1	− 6·4	− 9·8	−15·3	− 1·8	−10·2	+ 4·7	+15·5	+ 0·3	−10·9	− 6·5
1933	−19·3	− 8·1	−14·5	−17·8	−16·2	− 9·8	− 7·6	− 3·6	−12·8	+ 4·6	−14·1	−31·3	−12·6
1934	− 3·8	−12·6	−14·6	−23·4	−17·3	−16·6	−13·2	− 5·6	− 5·8	+14·4	− 8·8	− 6·8	− 9·5
1935	− 8·3	+12·4	−27·4	− 5·4	− 2·8	− 9·8	− 3·4	−10·9	+13·9	+19·9	+ 2·2	− 0·1	− 1·7
1936	+12·8	−10·2	−19·8	− 9·0	−25·4	−11·9	+ 3·2	− 4·2	− 4·4	+17·8	+ 1·5	+15·5	− 2·9

217 HARLINGEN. The mean values increase upwards; the unit is 1 centimetre.

1865	−11·0	−34·5	−40·5	−37·5	−25·5	−29·0	−17·5	−18·0	−22·5	−11·5	−15·5	−27·5	−24·0
1866	+ 9·5	+ 6·5	−33·5	−31·5	−28·0	−17·5	− 6·0	− 3·5	+ 2·0	−34·0	+20·0	+ 2·0	− 9·5
1867	−15·0	0·0	−38·0	+ 2·0	−30·0	−23·0	− 6·5	−16·0	− 8·5	− 6·5	− 3·0	− 5·0	−12·5
1868	−22·0	+ 8·5	− 8·0	−20·5	−24·5	−17·5	−20·5	− 7·5	−19·0	+ 2·0	−14·0	+ 4·5	−11·5
1869	−28·5	+ 5·5	−37·5	−30·5	−25·0	−18·0	−25·5	−14·5	+ 7·5	+ 2·5	+17·5	−12·0	−13·5
1870	−24·0	−58·5	−26·5	−28·0	−23·0	−23·5	−20·5	−16·0	−14·0	− 5·0	−13·5	−34·0	−24·0
1871	−38·0	−27·5	−20·5	−14·0	−18·0	−13·0	− 1·5	−11·5	−12·0	−13·0	−15·5	− 8·0	−16·0
1872	−16·0	−32·5	−17·5	−13·0	−16·5	−16·5	− 9·5	− 9·0	+20·0	− 2·0	− 2·0	−11·5	−10·5
1873	− 1·0	−34·0	−35·5	−29·0	−12·5	−10·0	− 5·5	− 0·5	+ 6·0	+ 5·0	− 0·5	+ 6·0	− 9·0
1874	+ 6·0	−23·5	−11·5	−17·0	−28·5	−16·5	−13·0	+ 0·5	0·0	+ 7·0	−13·0	−12·5	−10·5
1875	− 9·0	−41·5	−32·0	−27·0	−19·0	−12·0	−14·5	−10·0	− 8·5	−22·5	−10·5	− 9·0	−18·0
1876	−35·0	− 5·5	+12·0	−19·0	−32·0	−16·5	− 6·0	− 3·5	+ 7·0	−12·0	−16·0	−23·5	−12·5
1877	+ 3·5	+11·5	−12·0	−29·5	−31·0	− 9·0	+ 1·5	+ 2·0	− 4·5	+ 7·5	+ 9·5	− 4·0	− 4·5
1878	− 5·5	−17·5	+ 5·5	−24·5	− 7·5	− 6·5	− 2·0	− 0·5	+ 6·5	− 1·0	− 5·0	− 5·0	− 5·0
1879	−34·5	−20·0	−30·5	−19·5	−22·5	− 2·0	+ 3·5	− 1·5	− 4·5	− 3·0	− 6·0	−17·5	−13·0
1880	−17·5	− 7·0	−25·0	−16·5	−21·5	−10·0	− 1·0	−10·0	− 1·0	+ 6·5	+15·0	+27·5	− 5·0
1881	−16·5	−24·5	−14·5	−31·0	−25·5	−15·0	− 5·5	+10·5	−15·0	−10·5	+ 2·5	− 3·0	−12·5
1882	− 7·5	− 5·5	− 2·0	−20·5	−22·5	− 7·5	−12·5	+13·0	−10·0	−15·0	+12·5	−14·0	− 8·0
1883	−11·5	−21·0	−22·0	−34·0	−19·0	−25·5	− 4·5	− 4·5	− 6·5	+ 3·0	+ 8·0	+14·0	−10·5
1884	+20·0	−19·0	−24·0	−27·0	−12·0	−17·0	−12·0	−13·0	− 4·0	+15·0	−11·0	+ 6·0	− 8·2
1885	−22·6	−10·6	−17·5	−27·1	− 5·8	−15·9	−19·8	− 9·2	− 2·4	+ 5·1	−21·8	+ 6·2	−11·8
1886	− 3·7	−35·3	−31·3	−23·9	−23·0	−12·4	− 7·8	− 8·8	− 8·3	−16·8	− 0·5	+17·5	−12·9
1887	−24·5	−29·1	−25·3	−26·4	−21·9	−20·8	−14·2	− 5·6	− 0·4	+11·7	−10·8	+ 4·2	−13·6
1888	−17·5	−36·6	−23·8	−24·0	−17·6	−18·9	− 0·3	− 3·6	−17·2	+ 2·2	− 9·7	− 8·0	−14·6
1889	−22·9	+ 5·2	−15·8	−21·7	−20·5	−21·1	− 5·3	+ 6·7	+ 1·0	−12·6	− 3·7	−15·5	−10·5
1890	+ 5·9	−41·4	− 8·0	−15·7	−17·5	−10·2	− 2·9	− 3·9	−14·2	+15·8	− 8·8	−38·3	−11·6
1891	−13·8	−29·3	− 1·6	−30·0	−14·6	−19·8	− 3·5	+ 4·4	+ 0·8	− 6·2	−10·7	+10·4	− 9·5
1892	+ 2·4	− 5·3	−29·9	−18·9	−15·0	− 9·4	−10·6	− 5·6	− 0·4	+ 2·2	−12·8	+ 2·1	− 8·4
1893	−16·8	− 3·3	− 3·6	−28·3	−20·3	−15·5	− 9·5	− 4·1	+ 8·6	+15·0	− 1·9	− 0·7	− 6·7

TABLE B—*continued.*

217 HARLINGEN—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1894	−14·3	+ 8·4	−11·1	−24·0	−19·1	−13·5	− 8·2	+ 1·7	− 8·4	− 5·6	+ 1·8	+17·7	− 6·2
1895	−21·6	−25·3	−10·0	−15·3	−22·6	−19·1	+ 4·2	− 2·1	− 9·1	+11·5	−15·1	+ 6·5	− 9·8
1896	− 8·7	−26·2	+ 1·3	−12·2	−21·7	−10·7	− 6·9	− 6·3	+ 9·2	− 2·6	−13·3	−15·6	− 9·5
1897	−25·1	−10·5	+ 0·6	−17·4	− 7·2	−12·2	− 2·2	− 0·2	+ 9·6	−11·2	− 8·0	− 6·8	− 7·6
1898	+ 3·1	+23·9	−17·6	−20·6	− 5·8	− 7·9	− 0·6	− 4·4	− 6·8	−16·5	−10·1	+23·1	− 3·4
1899	+ 7·8	−15·3	−11·1	− 8·2	−19·8	−20·5	−11·3	−13·4	+18·3	− 2·6	+10·3	−19·9	− 7·1
1900	−11·3	−16·3	−23·5	−19·1	−17·8	−15·0	− 8·5	−11·6	− 7·5	+13·0	−20·3	+ 7·9	−10·8
1901	− 8·7	−19·0	−27·1	−14·6	−31·3	−15·9	−23·0	− 7·2	−12·5	+ 2·4	+ 7·5	+ 6·0	−12·0
1902	+19·9	−36·2	− 6·4	−29·9	− 7·9	−21·3	− 6·3	− 7·0	−12·0	− 8·4	−29·4	−13·0	−13·2
1903	− 4·8	+14·0	− 0·3	+ 7·7	−16·9	−21·6	− 0·8	+10·3	− 6·1	+16·5	+14·8	−21·6	− 0·7
1904	− 8·9	− 2·6	−32·1	− 4·0	−11·6	−12·1	−14·1	− 2·9	−21·3	− 2·1	+14·1	+ 6·2	− 7·6
1905	+ 0·8	− 3·3	−17·3	−10·9	−22·7	−16·8	− 8·6	− 1·4	− 1·5	+17·9	−12·5	− 8·6	− 7·1
1906	+ 5·8	− 3·7	+ 7·2	−25·7	−16·7	−12·3	− 9·3	− 1·6	−12·3	− 1·8	+ 3·9	+14·1	− 4·4
1907	− 5·7	− 1·8	− 8·6	−17·0	− 9·8	+ 0·1	− 9·0	+ 5·5	−13·0	− 7·2	− 9·9	− 9·0	− 7·1
1908	− 5·1	+12·1	−25·5	−20·8	−13·8	−14·9	−10·0	+ 1·9	− 2·0	−27·3	+ 3·4	−14·6	− 9·7
1909	+ 2·7	−18·1	−16·8	−13·6	−22·6	−17·2	+ 5·8	− 4·3	− 7·5	+ 8·4	+ 9·2	+ 9·5	− 5·4
1910	+19·4	+ 1·8	−20·6	−10·0	−11·0	− 6·1	+ 1·6	− 7·5	−10·0	−20·3	+15·3	+ 0·6	− 3·9
1911	−11·9	+12·8	−22·4	−10·2	−16·9	−12·4	−14·2	− 8·1	− 2·1	− 4·0	+ 9·9	− 1·8	− 6·7
1912	−21·1	− 0·2	+ 6·3	− 5·6	− 7·1	− 2·4	−10·6	+ 7·8	− 1·5	− 1·1	+18·2	+24·7	+ 0·6
1913	−24·7	−10·1	+10·1	−13·6	−18·1	− 2·6	− 4·8	− 5·7	−12·9	− 0·2	+32·7	+28·4	− 1·8
1914	− 6·9	+ 3·7	+ 6·9	−10·3	−10·6	− 9·5	+ 1·2	− 8·1	+17·0	−10·7	+ 7·6	+16·8	− 0·2
1915	+ 9·2	−13·9	− 8·4	−16·0	−22·8	−15·8	+ 3·6	− 0·2	− 8·5	−24·3	+ 6·7	+ 8·8	− 6·8
1916	+36·2	− 0·8	−15·2	− 7·0	− 9·5	+ 2·5	− 8·1	0·0	− 2·8	+ 8·4	− 5·6	+ 4·4	+ 0·2
1917	−22·2	−20·5	−21·7	− 7·1	−25·8	−14·5	− 8·2	+ 4·0	+ 9·5	+26·4	+20·2	+ 4·0	− 4·7
1918	+12·6	− 0·9	−29·1	−18·2	−22·0	− 0·7	+ 0·1	+ 0·8	+25·1	− 0·2	−12·2	+12·3	− 2·7
1919	−15·5	−14·9	− 9·0	−10·1	−26·2	+ 3·9	− 1·6	+ 6·1	+ 5·4	− 2·7	−10·4	+11·2	− 5·3
1920	+18·8	+ 6·2	− 5·1	− 1·4	− 9·8	− 8·1	+ 3·4	+ 3·0	− 4·5	−26·4	−16·1	−14·9	− 4·6
1921	+29·9	−17·2	− 1·6	−19·2	−20·0	− 9·4	− 9·6	− 0·4	− 8·0	+ 9·0	− 7·6	+18·0	− 3·0
1922	−13·8	−17·4	−10·0	−14·6	− 8·8	− 6·4	+ 3·8	+ 1·4	0·0	−19·4	+15·6	+15·0	− 4·6
1923	+11·4	−26·0	−27·8	−23·6	− 2·6	+ 3·5	+ 1·1	+11·0	+ 4·5	+23·9	+17·6	+ 3·5	− 0·3
1924	−16·7	− 8·8	− 8·6	−11·2	− 4·4	− 5·1	+ 4·4	+ 4·3	+11·5	− 1·4	− 5·6	+ 2·6	− 3·2
1925	+12·5	+ 8·0	−10·6	−12·8	−10·5	− 1·6	− 7·4	+ 0·3	+17·0	+ 7·2	+ 5·3	+22·6	+ 2·5
1926	− 3·4	− 7·8	+ 7·0	− 8·4	− 8·6	− 0·2	+ 0·6	+ 7·5	+ 7·8	+14·8	+ 2·7	+ 3·1	+ 1·2
1927	+ 6·8	−11·0	− 6·2	+10·9	− 7·6	+ 3·8	− 2·0	+ 9·2	+15·4	+11·7	− 6·1	−29·0	− 0·4
1928	+10·0	+ 9·6	−28·6	−13·6	−12·7	+ 5·3	+ 4·4	+ 5·6	− 3·0	+ 7·9	+35·4	− 1·6	+ 1·6
1929	−19·4	−44·8	−17·2	−11·2	−18·0	− 1·7	− 6·6	− 1·5	+ 3·0	+18·4	+ 4·8	+18·2	− 6·4
1930	+ 6·4	−31·4	−14·4	−20·2	−12·5	−14·3	+ 6·5	+ 7·4	− 0·6	+17·0	+30·8	− 9·1	− 3·1
1931	+17·2	−10·4	−20·5	−11·2	− 9·0	− 7·2	+11·0	+ 3·4	+ 0·9	+13·3	− 9·2	+10·9	− 0·9
1932	+ 6·4	−23·9	−19·4	+ 1·3	− 5·2	−10·9	+ 1·4	− 6·1	+10·5	+22·4	+ 5·1	− 9·1	− 2·3
1933	−16·5	− 1·4	−10·9	−11·1	−12·3	− 3·7	− 1·3	− 0·1	− 8·5	+10·5	− 8·7	−28·9	− 7·7
1934	− 1·7	− 5·6	− 9·0	−16·5	−10·7	−11·5	− 7·3	− 2·6	− 3·7	+20·6	− 5·2	− 4·8	− 4·8
1935	− 0·3	+22·7	−23·1	+ 1·6	−24·9	− 7·3	+ 1·7	−10·4	+18·7	+26·5	+ 0·8	+ 1·5	+ 0·6
1936	+16·0	− 7·3	−19·2	− 4·5	−22·0	−11·3	+ 4·2	− 2·6	− 4·2	+22·8	+ 0·3	+19·5	− 0·7

218 DEN HELDER. The mean values increase upwards; the unit is 1 centimetre.

1865	−11·5	−34·0	−41·0	−40·0	−25·0	−30·5	−23·0	−19·5	−29·5	−12·5	−19·5	−30·5	−26·5
1866	− 3·5	− 1·0	−32·5	−27·0	−23·5	−20·5	−12·0	− 7·5	− 7·5	−31·5	+ 9·5	+ 3·5	−13·0
1867	−17·0	− 9·5	−36·0	−12·5	−33·5	−27·5	−14·5	−25·0	−13·0	−12·5	− 8·5	− 9·5	−18·0
1868	−19·0	− 2·0	−21·5	−29·5	−34·5	−29·0	−27·0	−16·0	−21·0	− 5·5	−17·5	+ 1·0	−18·5
1869	−28·5	+ 1·0	−36·0	−35·5	−30·0	−25·5	−30·5	−21·0	− 3·0	+ 1·0	+10·5	−17·0	−18·0
1870	−24·5	−46·0	−25·5	−30·5	−29·0	−29·0	−20·5	−15·0	−20·0	− 2·0	−13·5	−26·0	−24·0
1871	−37·5	−32·5	−27·0	−26·0	−30·0	−23·0	−17·0	−23·5	−18·5	−22·0	−20·0	−17·0	−24·5
1872	−22·5	−33·0	−24·0	−23·5	−25·0	−27·5	−19·0	−19·0	+ 3·5	−11·5	− 9·0	−14·5	−19·0
1873	−10·0	−33·0	−38·0	−31·5	−22·5	−22·0	−20·0	−13·5	− 6·5	− 2·0	− 9·0	− 6·0	−18·0
1874	− 4·0	−30·5	−22·0	−24·5	−30·5	−25·0	−21·5	−11·5	−14·0	− 6·0	−19·0	−24·0	−19·5
1875	−22·5	−46·0	−38·5	−32·0	−27·0	−24·0	−18·5	−16·0	−11·5	−26·0	−10·5	−15·5	−24·0
1876	−38·0	−13·0	− 2·0	−24·5	−33·0	−21·0	−13·0	− 7·5	0·0	−17·0	−19·0	−22·0	−17·5
1877	− 2·0	+ 4·5	−18·0	−28·0	−19·0	−16·0	− 6·5	− 3·5	−10·0	− 2·0	+ 1·0	− 9·5	− 9·0
1878	−15·0	−23·5	− 5·0	−26·5	−13·0	−13·0	− 9·5	− 3·5	− 2·0	− 7·5	− 8·5	−11·0	−11·5
1879	−33·0	−19·5	−30·0	−21·0	−26·5	− 9·5	− 5·0	− 8·5	−10·0	−11·0	−11·0	−22·5	−17·5
1880	−26·0	−13·5	−31·5	−21·0	−26·5	−15·5	−13·5	−17·5	−12·5	− 5·0	+ 2·5	+ 9·5	−14·5
1881	−23·5	−29·5	−24·7	−32·0	−30·7	−22·3	−14·5	− 0·5	−18·5	−17·7	− 5·7	−10·7	−19·3
1882	−17·2	−16·0	−15·2	−26·7	−29·0	−14·7	−19·2	− 3·4	−19·0	−17·2	+ 3·6	−18·7	−15·7
1883	−18·9	−28·3	−30·3	−36·3	−24·3	−29·3	−13·9	−15·3	−13·3	− 4·1	+ 1·1	+ 6·7	17·3

NETHERLANDS

TABLE B—*continued.*

218 DEN HELDER—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1884	+ 4·0	−22·0	−29·0	−32·0	−23·0	−23·0	−18·0	−18·0	−12·0	+ 1·0	−16·0	− 1·0	−16·0
1885	−27·0	−14·4	−30·8	−30·6	−16·5	−23·4	−26·9	−16·0	− 6·8	+ 2·9	−22·0	− 0·7	−18·0
1886	− 8·0	−38·4	−32·2	−29·1	−25·5	−16·2	−13·0	−14·4	−12·6	−16·8	− 4·8	+ 9·7	−17·0
1887	−24·6	−34·3	−29·3	−34·4	−28·1	−28·3	−22·0	−13·5	−10·4	+ 0·2	−21·2	− 6·6	−21·0
1888	−24·5	−36·8	−26·1	−30·9	−25·2	−24·9	− 8·9	−13·3	−22·0	− 7·0	−13·3	−12·7	−20·0
1889	−25·1	− 5·3	−22·7	−26·7	−25·5	−24·9	−13·7	− 3·1	− 4·5	−15·0	− 9·2	−20·6	−16·0
1890	− 1·6	−41·3	−17·0	−21·8	−22·1	−19·6	− 9·5	−12·2	−22·8	+ 5·3	−10·8	−37·3	−18·0
1891	−18·4	−32·7	− 7·1	−32·2	−19·1	−22·2	−10·4	− 3·1	− 5·3	−10·3	−13·3	+ 3·4	−14·0
1892	− 4·9	−10·4	−31·4	−23·6	−22·4	−16·4	−16·8	−12·0	− 8·6	− 2·9	−15·8	− 2·0	−14·0
1893	−17·6	− 4·5	−11·7	−31·7	−24·4	−20·7	−14·8	− 9·6	+ 0·8	+ 6·8	− 5·9	− 9·1	−12·0
1894	−17·0	− 5·7	−20·1	−27·1	−24·4	−18·5	−11·7	− 6·0	−14·7	− 9·3	− 2·0	+11·9	−12·0
1895	−22·4	−29·2	−15·1	−20·4	−26·2	−23·0	− 6·6	− 8·7	−14·7	+ 6·1	−16·8	+ 1·4	−15·0
1896	−17·7	−29·8	−11·5	−21·9	−28·0	−16·2	−13·9	−13·4	+ 0·8	−10·0	−19·2	−19·5	−17·0
1897	−23·8	−19·6	−10·7	−27·2	−16·3	−19·9	−13·8	− 8·5	− 2·5	−18·3	−14·2	−13·3	−16·0
1898	− 6·0	+ 7·6	−22·2	−28·5	−15·5	−18·1	−12·0	−12·3	−14·3	−17·3	−10·4	+13·5	−11·0
1899	− 3·6	−16·9	−16·1	−12·4	−20·2	−22·7	−15·4	−16·0	+10·6	− 6·1	+ 2·7	−21·6	−11·0
1900	−15·6	−20·9	−30·8	−26·4	−23·8	−19·4	−15·0	−11·5	−13·6	+ 4·3	−19·2	+ 1·5	−16·0
1901	−13·8	−25·4	−31·6	−23·9	−36·4	−24·4	−26·7	−17·0	−22·5	−11·5	− 4·5	− 9·5	−20·6
1902	− 1·3	−45·1	−21·3	−39·4	−24·4	−26·4	−21·4	−19·4	−22·7	−18·3	−32·7	−22·4	−24·6
1903	−18·0	− 3·2	−17·5	−10·3	−29·1	−31·0	−14·2	− 6·8	−21·0	+ 0·7	− 3·8	−22·9	−14·8
1904	−10·7	− 4·7	−30·5	−10·9	−16·7	−17·1	−17·4	− 9·0	−22·5	− 5·7	+ 7·5	− 0·4	−11·5
1905	− 9·4	−12·6	−25·9	−20·1	−27·5	−21·7	−15·3	−11·5	−10·2	+ 2·4	−18·1	−15·2	−15·4
1906	+ 0·5	−10·8	− 3·6	−31·7	−22·3	−20·3	−16·5	− 9·0	−18·8	− 6·2	− 1·9	+ 4·8	−11·3
1907	−12·7	− 9·3	−19·5	−22·0	−18·2	− 9·9	−16·4	− 5·5	−18·9	−11·3	−13·4	−11·0	−14·0
1908	−10·5	− 0·6	−29·1	−27·1	−22·1	−23·1	−18·0	− 5·9	− 8·8	−27·3	− 0·9	−16·7	−15·8
1909	− 4·2	−21·9	−19·8	−21·0	−27·2	−22·9	− 2·4	−10·2	−13·4	+ 2·3	+ 0·8	+ 4·3	−11·3
1910	+12·2	− 5·4	−27·6	−18·4	−18·0	−13·3	− 6·2	−12·3	−14·7	−19·0	+10·7	− 1·6	− 9·5
1911	−17·8	+ 1·2	−24·5	−17·9	−22·9	−17·1	−19·7	−12·3	− 7·2	− 6·4	+ 3·8	− 7·3	−12·3
1912	−22·6	− 5·6	− 1·3	−18·3	−16·5	−11·0	−15·6	+ 1·5	−12·0	− 7·1	+ 9·0	+11·4	− 7·3
1913	−26·8	−19·4	− 3·5	−23·1	−26·6	−16·0	−14·9	−15·4	−20·1	− 7·9	+21·4	+13·3	−11·6
1914	−11·9	− 4·4	− 2·7	−19·1	−17·8	−16·7	− 6·9	−16·9	+ 4·1	−15·1	+ 1·9	+10·7	− 7·9
1915	+ 8·7	− 9·9	−13·2	−21·6	−26·3	−22·8	− 5·8	− 5·7	−12·9	−25·8	+ 4·0	− 1·2	−11·0
1916	+17·5	− 7·6	−16·4	−14·3	−19·8	− 9·6	−17·9	− 9·4	−10·5	− 1·2	− 7·7	− 1·1	− 8·2
1917	−24·3	−28·4	−26·8	−17·8	−29·7	−20·7	−16·1	− 3·5	− 4·5	+11·0	+ 4·9	− 7·3	−13·6
1918	+ 2·9	−12·0	−32·2	−23·7	−26·8	−13·4	−13·9	−14·2	+ 6·6	− 7·9	−14·6	+ 8·1	−11·8
1919	−16·9	−17·8	−13·6	−15·4	−30·3	− 6·3	−10·0	− 5·1	− 2·5	−10·6	−15·9	+ 0·6	−12·0
1920	+ 5·0	− 7·2	−13·1	−10·0	−18·7	−16·7	− 6·8	− 9·6	−13·1	−28·1	−19·9	−17·6	−13·0
1921	+13·9	−24·2	−12·6	−25·8	−25·5	−16·8	−17·3	−10·1	−16·4	− 3·0	−14·4	+ 9·0	−12·0
1922	−17·8	−21·1	−17·1	−21·9	−20·0	−15·8	− 8·6	−10·5	− 8·4	−22·3	+ 2·6	+ 3·2	−13·1
1923	− 2·3	−27·6	−31·8	−27·7	−15·6	−12·0	−11·7	− 3·3	− 8·2	+10·3	+ 4·6	− 5·6	−10·9
1924	−22·1	−15·7	−17·7	−21·7	−16·3	−17·3	− 8·6	− 6·3	− 0·1	− 8·1	−13·0	− 5·3	−12·7
1925	− 1·1	− 4·9	−19·9	−21·2	−17·8	−11·2	−16·0	−11·0	+ 3·2	− 5·0	− 5·8	+ 9·0	− 8·5
1926	−14·5	−16·9	−11·4	−20·3	−20·0	−14·8	−12·5	− 7·7	− 6·6	− 1·0	− 7·6	− 6·4	−11·7
1927	− 5·2	−20·3	−14·7	− 5·6	−20·8	− 9·8	−12·9	− 3·8	+ 2·0	− 3·0	−13·2	−31·7	−11·6
1928	− 3·8	− 6·2	−32·9	−20·3	−20·9	− 9·5	− 9·9	− 6·9	−13·9	− 4·1	+18·5	−10·5	−10·0
1929	−27·5	−45·4	−26·3	−20·3	−26·2	− 9·0	−10·9	− 9·2	− 5·7	+ 8·2	− 1·4	+ 9·0	−13·7
1930	0·0	−32·6	−19·6	−22·2	−18·7	−19·4	− 1·4	− 2·6	− 5·6	+10·8	+19·6	−11·1	− 8·6
1931	+ 6·7	−15·6	−24·1	−17·0	−15·8	−14·8	+ 0·2	− 5·0	− 9·7	+ 4·2	− 9·1	+ 3·9	− 8·0
1932	+ 0·9	−29·6	−22·0	− 8·3	−12·2	−18·5	− 4·9	−13·1	− 1·2	+14·2	− 3·6	−12·8	− 9·1
1933	−20·2	−10·2	−16·9	−20·7	−17·6	−11·6	−11·4	− 8·0	−16·4	+ 1·9	−13·8	−33·1	−14·8
1934	−10·5	−19·6	−19·3	−25·6	−21·5	−21·3	−17·6	−11·4	−11·7	+ 8·5	−13·4	− 9·6	−14·4
1935	− 9·8	+ 4·9	−30·8	−10·3	−29·9	−16·3	− 9·3	−16·1	+ 6·9	+11·7	− 2·5	− 2·5	− 8·7
1936	+ 8·8	−11·6	−24·3	−12·7	−26·7	−16·7	− 3·8	−12·1	−10·6	+12·2	− 4·1	+ 9·6	− 7·7

219 IJMUIDEN. The mean values increase upwards; the unit is 1 centimetre.

1871	+22*i*	−24*i*	−17*i*	− 7*i*	−13	+ 1	+ 3	− 7	− 1	−10	−13	−15	− 7·0*i*
1872	−21	−31	−22	−16	−17	−15	−13	− 3	+10	− 7	+ 2	− 9	−12·0
1873	+ 1	−31	−29	−11	− 5	− 8	− 6	− 4	+ 7	+ 5	− 3	− 5	− 7·5
1874	+ 2	−19	− 9	−19	−20	−14	−15	− 3	− 2	+ 7	− 1	− 8	− 8·5

i, the mean values have been obtained by interpolation or inference.

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TABLE B—*continued.*

219 IJMUIDEN—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1875	−11	−33	−27	−23	−19	−12	− 8	− 9	−11	−19	− 5	− 9	−15·5
1876	−33	− 5	+11	−17	−27	−16	−13	− 7	+ 9	− 8	− 7	−19	−11·0
1877	+ 5	+12	− 5	−19	−12	− 7	+ 1	+ 1	− 3	+ 5	+ 7	+ 2	− 1·0
1878	− 7	−14	+ 5	−15	− 3	− 1	+ 3	+ 3	+ 7	0	0	− 1	− 2·0
1879	−27	−13	−18	−11	−15	− 3	+ 1	− 4	− 3	− 3	− 2	−17	−10·0
1880	−17	−11	−25	−13	−17	− 7	− 7	− 9	− 5	+ 3	+ 6	+11	− 7·5
1881	−19·5	−26·5	−19·0	−24·0	−23·0	−12·5	− 8·5	+ 4·5	−12·0	−16·5	−11·0	− 7·0	−14·5
1882	−12·0	− 8·0	0·0	−16·0	−12·5	+ 3·0	0·0	+14·0	+ 2·0	− 8·0	+ 5·0	−15·0	− 4·0
1883	−18·5	−24·5	−20·5	−21·5	− 7·5	−17·5	− 0·5	− 1·0	− 5·0	+ 3·0	+ 8·5	+ 6·0	− 8·5
1884	+ 7·0	−22·0	−28·0	−26·0	−18·0	−18·0	−15·0	−16·0	−11·0	0·0	−14·0	+ 2·0	−13·0
1885	−23·1	−12·0	−25·7	−25·7	−11·9	−19·5	−24·7	−13·3	− 5·2	+ 8·1	−19·5	− 1·2	−15·0
1886	− 6·7	−34·6	−28·9	−25·8	−23·1	−12·7	− 8·8	−10·9	−11·2	−13·4	− 2·4	+ 9·2	−14·0
1887	−22·9	−31·9	−30·3	−33·9	−27·2	−27·7	−23·0	−14·6	−13·3	− 4·7	−19·2	− 6·8	−21·0
1888	−27·4	−38·5	−26·2	−33·7	−29·3	−27·1	−11·4	−17·1	−26·7	−13·6	−18·9	−17·1	−24·0
1889	−24·2	− 7·2	−22·7	−27·3	−25·2	−24·9	−12·2	− 7·6	−10·1	−20·1	−14·5	−24·9	−18·0
1890	−10·6	−45·8	−21·4	−25·2	−23·5	−20·5	−12·2	−15·5	−26·7	− 0·9	−16·1	−42·0	−22·0
1891	−24·9	−38·9	−12·7	−36·1	−21·4	−25·5	−13·6	− 4·0	− 8·1	−14·6	−15·8	+ 1·5	−18·0
1892	− 7·2	−13·5	−33·7	−23·3	−23·0	−16·1	−17·5	−12·3	− 9·3	− 0·6	−12·8	− 2·8	−14·0
1893	−16·4	− 4·0	− 9·0	−27·6	−21·3	−17·4	−11·0	− 8·1	+ 2·0	+ 9·5	− 3·0	− 8·8	−10·0
1894	−16·5	− 7·2	−19·9	−23·7	−21·4	−13·7	− 6·8	− 1·4	−11·6	− 7·8	− 1·1	+ 9·3	−10·0
1895	−28·7	−36·2	−22·2	−25·2	−30·3	−26·8	−12·8	−14·5	−22·5	− 0·1	−23·8	− 2·6	−20·0
1896	−22·3	−35·3	−17·2	−25·0	−32·3	−19·2	−17·8	−17·4	− 4·1	−14·0	−23·4	−23·2	−21·0
1897	−26·2	−22·8	−14·1	−29·0	−17·9	−20·8	−16·7	−11·6	− 9·2	−23·0	−18·4	−20·1	−19·0
1898	−12·1	+ 1·5	−26·6	−29·3	−17·6	−20·8	−16·0	−13·7	−18·0	−20·0	−18·5	+ 3·6	−16·0
1899	− 4·3	−19·9	−19·6	−13·3	−23·2	−25·4	−17·7	−19·3	+ 7·3	−12·1	− 1·3	−25·1	−14·0
1900	−14·4	−21·9	−30·7	−28·2	−25·9	−19·2	−16·2	−15·1	−17·1	+ 0·5	−17·5	− 1·8	−17·0
1901	−16·1	−25·1	−31·5	−21·2	−33·3	−21·6	−22·7	−15·2	−14·7	− 7·8	+ 2·2	− 6·5	−17·8
1902	− 4·0	−46·2	−22·8	−36·0	−22·4	−26·6	−23·6	−20·8	−35·3	−19·9	−36·5	−22·9	−25·5
1903	−21·8	− 7·0	−21·0	−11·5	−28·4	−32·0	−14·5	− 7·7	−18·3	+ 0·7	− 3·2	−28·3	−16·1
1904	−20·0	−12·6	−35·8	−18·9	−25·2	−25·5	−25·1	−18·7	−31·0	−15·3	+ 0·4	−10·1	−19·8
1905	−19·5	−20·2	−31·3	−25·0	−32·6	−23·9	−18·1	−15·4	−15·7	− 4·6	−21·9	−21·9	−20·8
1906	− 2·6	−14·7	−13·8	−39·2	−26·0	−23·3	−20·5	−15·6	−23·0	−11·6	− 8·3	− 2·5	−16·8
1907	−19·8	−18·7	−27·6	−26·6	−24·3	−15·2	−22·3	−13·4	−28·0	−20·8	−22·7	−20·8	−21·7
1908	−22·0	−11·7	−35·8	−33·2	−28·7	−29·3	−22·4	− 8·6	−13·3	−29·5	− 5·3	−18·6	−21·5
1909	− 9·6	−23·1	−20·1	−22·7	−28·3	−22·8	− 3·6	−10·6	−16·5	− 1·4	− 3·4	− 2·2	−13·7
1910	+ 5·6	− 9·9	−31·8	−19·1	−19·0	−13·1	− 6·8	−14·5	−17·4	−20·4	+ 6·4	− 6·4	−12·2
1911	−21·6	− 3·2	−25·9	−19·9	−22·8	−17·8	−21·6	−13·5	− 8·2	− 8·1	− 2·7	− 8·7	−14·5
1912	−21·6	− 7·1	− 1·5	−19·5	−16·5	−11·3	−15·3	− 1·9	−14·9	− 6·7	+ 7·3	+ 6·9	− 8·5
1913	−28·6	−24·5	−12·3	−28·2	−20·9	− 9·4	− 7·9	− 8·7	−13·1	− 3·4	+20·0	+ 9·9	−10·6
1914	−13·0	− 5·2	− 3·4	−17·9	−17·0	−14·6	− 5·3	−15·8	+ 0·3	−15·0	+ 1·6	+ 8·8	− 8·0
1915	+ 6·8	−16·4	−15·4	−22·5	−24·8	−19·3	− 4·5	− 5·1	−14·0	−25·4	− 0·5	+ 1·9	−11·6
1916	+16·7	− 4·7	−14·4	−10·6	−16·5	− 5·9	−16·4	− 7·9	− 8·8	− 1·8	− 9·4	+ 0·1	− 6·6
1917	−23·5	−27·5	−23·8	−16·5	−26·5	−20·3	−15·2	− 2·6	− 2·8	+14·8	+ 5·5	− 9·7	−12·3
1918	− 0·5	−13·9	−31·6	−21·3	−24·3	−12·4	− 8·2	−16·9	+ 1·6	−15·2	−22·8	− 1·3	−13·9
1919	−25·5	−26·4	−21·0	−22·8	−36·9	−14·1	−17·8	−11·3	− 9·8	−15·8	−19·8	− 5·5	−18·9
1920	− 5·8	−15·0	−20·5	−15·1	−22·9	−21·8	−13·4	−14·0	−19·5	−33·9	−25·6	−22·0	−19·1
1921	+ 6·8	−29·4	−18·4	−30·2	−28·9	−22·1	−21·7	−15·4	−20·2	− 7·9	−21·6	− 1·4	−17·5
1922	−25·0	−24·3	−21·8	−23·8	−22·8	−19·0	−13·2	−14·4	−12·9	−26·3	− 4·3	− 1·8	−17·5
1923	− 9·6	−29·6	−34·0	−30·3	−17·4	−15·6	−13·6	− 8·6	−12·9	+ 4·8	− 3·3	−13·4	−15·3
1924	−26·4	−21·8	−23·4	−24·4	−18·8	−21·0	−12·8	− 9·1	− 4·4	−10·8	−17·5	−11·4	−16·8
1925	− 9·4	−10·1	−26·4	−20·4	−23·5	−17·2	−17·6	− 5·8	+12·8	+ 6·2	+ 4·8	+21·3	− 7·1
1926	− 2·8	− 2·4	− 0·7	− 6·2	− 6·2	− 2·6	0·0	+ 3·2	+ 4·8	+ 8·7	+ 3·9	− 0·8	− 0·1
1927	+ 2·9	−18·2	−12·0	− 3·2	−17·8	− 6·9	− 9·7	− 0·8	+ 3·8	− 2·3	−11·2	−30·0	− 8·8
1928	− 3·2	− 7·2	−29·2	−16·4	−17·6	− 5·8	− 7·2	− 3·8	−10·8	− 0·9	+18·8	− 9·8	− 7·8
1929	−25·9	−41·8	−24·4	−18·1	−23·9	−10·8	−12·6	− 9·7	− 7·6	+ 5·5	− 3·1	+ 4·1	−14·0
1930	− 4·3	−37·0	−21·0	−21·4	−16·9	−18·6	− 0·1	− 2·3	− 6·4	+ 8·7	+16·2	−13·1	− 9·7
1931	+ 2·7	−17·2	−27·8	−16·3	−14·6	−14·2	− 0·6	− 6·1	− 9·0	+ 1·9	−10·4	− 2·0	− 9·5
1932	− 6·1	−32·3	−25·5	− 9·4	−11·8	−17·2	− 5·5	−12·4	+ 0·2	+13·4	− 5·8	−15·0	−10·6
1933	−22·5	−14·8	−17·3	−20·5	−16·2	−10·2	−10·9	− 7·8	−15·0	+ 1·8	−13·3	−34·0	−15·1
1934	−12·0	−19·7	−18·1	−23·0	−19·8	−18·1	−15·8	− 9·4	−10·3	+ 7·0	−12·1	− 9·0	−13·4
1935	−12·5	+ 3·4	−30·0	− 8·8	−28·2	−14·2	− 9·7	−14·4	+ 5·0	+10·2	− 2·8	− 0·8	− 8·6
1936	+ 9·7	−10·4	−19·9	−11·2	−23·0	−13·4	− 1·8	− 8·6	− 7·3	+13·8	− 0·2	+ 6·6	− 5·5

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TABLE B—*continued.*

220 HOEK VAN HOLLAND. The mean values increase upwards; the unit is 1 centimetre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1864	-50	-33	-29	-39	-29	-21	-25	-19	-22	-25	-26	-45	-30·0
1865	-23	-17	-31	-37	-33	-35	-28	-26	-32	-24	-29	-35	-29·5
1866	-27	-17	-36	-34	-31	-29	-21	-23	-23	-31	0	-15	-24·0
1867	-28	-17	-37	-24	-35	-27	-17	-30	-21	-19	-22	-19	-25·0
1868	-33	-13	-21	-26	-36	-31	-27	-19	-27	-13	-27	-13	-24·0
1869	-38	- 8	-24	-32	-26	-24	-30	-14	-11	- 7	- 3	-23	-20·0
1870	-29	-42	-23	-27	-25	-26	-29	-19	-23	-11	-19	-31	-25·0
1871	-39	-27	-27	-15	-18	-17	-22	-23	-15	-19	-29	-19	-22·5
1872	-28	-39	-21	-18	-21	-18	-20	-11	+ 9	-13	-11	-15	-17·5
1873	-15	-39	-32	-27	-17	-15	-13	-12	- 9	-15	-17	-21	-19·5
1874	-18	-36	-23	-27	-29	-25	-23	-13	-14	-15	-20	-25	-22·5
1875	-23	-41	-35	-35	-27	-21	-21	-19	-19	-31	-11	-20	-25·5
1876	-44	-21	- 6	-27	-37	-23	-17	-15	-12	-17	-22	-25	-22·5
1877	-10	- 1	-21	-31	-21	-17	-11	-11	-17	-12	-15	-18	-15·5
1878	-23	-30	-11	-27	-15	-14	-13	-11	- 9	-19	-14	-20	-17·0
1879	-37	-22	-29	-21	-27	-13	- 7	- 9	-13	-16	-15	-29	-19·5
1880	-27	-19	-30	-20	-27	-15	-14	-16	-14	- 5	- 1	+ 9	-14·5
1881	-28·0	-30·0	-23·5	-27·5	-27·5	-17·0	-14·5	- 1·5	-14·0	-20·5	-17·5	-21·0	-20·0 -202
1882	-28·0	-25·0	-17·5	-26·5	-25·0	- 8·5	-13·0	- 0·5	-15·0	-18·0	- 2·5	-22·5	-17·0 -168
1883	-22·5	-32·5	-28·5	-29·5	-19·5	-21·0	- 8·0	-13·0	-13·5	-12·0	- 6·0	- 2·5	-17·0 -17·4
1884	- 6·0	-29·5	-29·0	-25·5	-20·5	-17·5	-15·5	-15·0	-13·5	- 6·0	-19·5	- 7·0	-17·0
1885	-27·0	-17·0	-22·5	-23·0	- 8·5	-14·5	-19·0	-10·0	- 5·5	+ 4·0	-24·5	- 8·5	-14·5 -147
1886	-12·5	-37·0	-31·0	-27·5	-25·0	- 9·5	- 9·0	- 9·5	-12·0	-15·0	- 8·5	+ 2·5	-16·5 -162
1887	-29·5	-36·0	-30·0	-23·5	-18·0	-20·0	-16·5	-12·4	-12·5	- 0·2	-18·6	- 7·8	-18·5 -188
1888	-26·4	-33·0	-24·7	-28·4	-28·8	-23·8	- 9·9	-15·8	-25·1	-13·8	-19·4	-18·2	-22·0 -223
1889	-29·4	- 9·6	-23·2	-27·7	-26·2	-24·1	-15·6	- 8·2	- 6·7	-18·1	-12·2	-23·4	-19·0 -187
1890	-11·2	-41·7	-19·7	-20·0	-20·6	-19·8	-12·1	-13·0	-23·2	+ 3·8	-15·0	-37·7	-19·0 -192
1891	-27·3	-36·8	- 9·7	-29·7	-18·6	-19·8	-11·6	- 9·7	-14·5	-19·8	-21·2	- 4·9	-19·0 -186
1892	- 9·1	-11·7	-31·6	-21·5	-22·0	-16·3	-17·7	-14·6	-11·7	- 4·0	-15·8	- 8·7	-15·0 -154
1893	-21·3	- 7·3	-16·8	-33·1	-23·0	-21·9	-18·2	-16·6	- 6·1	- 1·1	-10·0	-18·6	-16·0 -162
1894	-25·7	-17·6	-26·5	-28·3	-27·6	-24·7	-18·7	-12·7	-13·4	-10·9	- 8·5	+ 6·2	-17·0 -174
1895	-21·3	-30·0	-17·9	-21·3	-24·3	-23·3	-11·9	-16·4	-20·6	- 0·8	-21·7	+ 0·8	-17·0 -174
1896	-20·4	-37·4	-16·4	-24·8	-30·0	-19·3	-17·4	-16·3	- 5·1	-14·2	-21·6	-24·9	-21·0 -206
1897	-26·1	-22·7	-17·8	-28·3	-16·6	-19·5	-17·6	-14·8	- 9·4	-22·0	-18·9	-23·7	-20·0 -198
1898	-17·3	+ 1·0	-24·6	-28·2	-15·1	-20·6	-14·4	-14·2	-18·2	-16·8	-18·4	- 0·4	-16·0 -156
1899	- 5·8	-19·7	-20·4	-10·8	-19·3	-20·1	-13·0	-15·8	+ 7·9	-10·2	- 3·4	-23·5	-13·0 -128
1900	-11·9	-18·5	-24·9	-27·6	-24·1	-18·0	-15·6	-14·8	-15·8	0·0	-18·6	- 5·2	-16·0 -162
1901	-17·1	-23·7	-26·7	-18·6	-29·3	-19·1	-22·4	-14·8	-14·3	- 7·6	- 0·4	- 6·3	-16·7
1902	+ 1·4	-34·3	-16·0	-27·8	-14·2	-18·6	-15·0	-12·8	-17·9	-11·6	-27·0	-10·7	-17·0
1903	-12·0	- 3·1	-11·9	+ 3·0	-16·9	-20·6	- 6·2	- 2·0	-10·4	+ 3·9	+ 4·6	-21·5	- 7·8
1904	-16·3	- 5·8	-25·5	-11·6	-17·9	-16·4	-17·8	-10·9	-22·1	- 6·4	+ 7·5	- 1·6	-12·1
1905	-14·8	-13·2	-22·1	-16·5	-25·0	-16·1	-13·4	- 8·8	- 9·4	+ 7·9	-17·0	-17·0	-13·8
1906	- 3·6	-14·0	- 6·7	-29·7	-18·2	-15·4	-15·1	-11·4	-18·4	- 9·1	- 4·3	+ 4·1	-11·8
1907	-13·6	-11·2	-16·9	-19·5	-18·3	-11·5	-15·2	- 6·7	-19·9	-13·9	-13·7	-11·5	-14·3
1908	-12·7	- 2·2	-25·3	-22·1	-16·7	-16·6	-15·9	- 7·1	-12·7	-25·0	- 2·3	-16·0	-14·6
1909	- 6·9	-16·9	-15·3	-17·2	-23·5	-15·4	0·0	- 6·5	-11·3	+ 2·5	+ 1·4	- 0·4	- 9·1
1910	+ 5·5	- 9·4	-28·8	-16·9	-15·9	- 9·7	- 3·4	-14·1	-12·9	-17·3	+10·9	- 1·1	- 9·4
1911	-20·0	- 3·0	-18·0	-14·8	-18·1	-14·5	-16·8	-10·8	- 5·5	- 5·1	- 3·2	- 9·3	-11·6
1912	-15·0	- 0·6	- 0·3	-16·2	-14·3	-10·2	-13·6	- 1·8	- 9·6	- 4·7	+11·4	+ 7·4	- 5·6
1913	-22·8	-18·8	- 9·2	-17·9	-18·9	-10·6	- 8·1	- 9·5	-11·9	- 0·3	+20·6	+13·7	- 7·8
1914	-12·9	- 8·3	- 1·6	-16·4	-13·8	-10·2	- 0·9	-12·6	+ 3·6	- 9·3	+ 3·5	+ 8·4	- 5·9
1915	+ 9·4	-17·0	-12·6	-18·6	-19·7	-16·1	- 5·0	- 5·4	-11·6	-21·5	+ 4·5	+ 7·4	- 8·8
1916	+20·4	+ 1·6	- 4·3	-11·1	-15·4	- 4·6	-13·9	- 6·0	- 7·0	- 2·3	-12·2	- 0·1	- 4·6
1917	-20·3	-27·2	-22·3	-15·6	-23·5	-19·3	-15·5	- 9·4	- 8·4	+ 9·5	+ 0·2	-11·7	-13·6
1918	- 4·6	-18·4	-33·0	-19·6	-23·8	-13·0	- 9·1	-10·6	+ 6·6	- 9·8	-18·0	+ 4·2	-12·4
1919	-19·0	-21·2	-15·0	-15·0	-27·7	- 8·3	-12·3	- 8·0	- 7·1	- 9·4	-12·0	+ 2·4	-12·7
1920	+ 5·8	- 7·5	-14·0	- 8·2	-18·9	-11·7	- 1·2	- 4·1	-10·0	-21·8	-16·4	-11·1	- 9·9
1921	+10·0	-22·6	-14·8	-23·0	-22·0	-12·6	-13·4	- 7·6	-13·0	- 0·5	-10·0	+ 4·0	-10·4

NETHERLANDS

TABLE B—*continued.*

220 HOEK VAN HOLLAND—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1922	-13·6	-16·3	-11·6	- 9·8	-11·3	- 6·7	- 3·0	- 4·0	- 1·1	-15·9	+ 7·4	+ 5·6	- 6·7
1923	- 0·8	-17·8	-19·9	-16·8	-10·0	- 7·0	- 8·1	- 2·0	- 5·6	+12·8	0·0	- 6·8	- 6·8
1924	-18·7	-14·2	-16·4	-15·9	-11·0	-13·4	- 6·6	- 3·1	+ 0·8	- 5·5	-10·5	-10·2	-10·4
1925	- 4·2	- 5·2	-14·4	-15·1	-12·7	-11·3	- 9·4	- 4·6	+ 8·8	+ 1·5	+ 2·5	+16·9	- 4·0
1926	- 5·5	- 3·8	- 2·5	- 7·4	-14·4	- 9·8	- 7·2	- 7·6	- 5·6	- 1·4	- 7·2	- 7·3	- 6·6
1927	- 4·8	-13·6	- 5·1	+ 4·8	-13·4	- 4·0	- 5·6	+ 0·8	+ 3·4	- 2·8	- 8·6	-29·0	- 6·5
1928	- 6·4	- 4·9	-24·6	- 8·4	- 8·8	- 5·7	- 8·6	- 6·2	-10·2	+ 0·2	+21·8	- 5·4	- 5·6
1929	-21·2	-40·0	-22·8	-13·8	-21·0	- 7·0	- 7·3	- 6·3	- 7·3	+ 6·2	- 1·0	+ 5·3	-11·4
1930	- 3·3	-30·8	-16·2	-13·8	- 9·8	-11·0	+ 6·8	+ 3·4	- 1·2	+13·8	+21·3	- 7·7	- 4·0
1931	+11·6	-13·1	-19·3	-11·2	-11·2	- 9·6	+ 4·2	+ 0·7	+ 0·5	+ 2·8	-10·7	- 0·2	-5·0 - 4·6
1932	- 2·3	-25·6	-18·4	- 3·0	- 8·1	-12·7	- 0·7	- 9·2	+ 2·7	+17·1	0·0	-15·0	- 6·3
1933	-21·6	- 9·2	-14·2	-18·4	-12·5	- 5·8	- 8·0	- 6·0	-11·2	+ 3·8	- 7·2	-30·6	-11·8
1934	-11·1	-16·4	-17·2	-19·4	-17·6	-13·9	-11·9	- 6·6	- 8·6	+ 7·4	-11·0	- 6·7	-11·1
1935	- 8·2	+ 5·6	-24·4	- 6·6	-22·7	-10·6	- 4·0	- 7·2	+ 9·2	+10·6	- 1·4	+ 1·4	- 4·8
1936	+11·7	- 6·4	-18·0	- 5·2	-16·1	- 9·3	+ 0·7	- 6·2	- 4·1	+17·5	+ 1·7	+ 7·7	- 2·2

221 MAASSLUIS. The mean values increase upwards; the unit is 1 centimetre.

1848	-53·0	+10·5	- 7·5	0·0	-19·5	- 9·0	- 8·0	- 3·0	-12·0	-11·0	+ 9·0	-20·0	-10·0 -10·3
1849	- 1·5	- 5·5	-12·5	-19·5	-15·0	- 7·0	-10·0	- 9·5	-20·0	-10·0	-11·5	- 8·5	-11·0 -10·9
1850	-24·0	+27·0	-12·0	-11·5	-15·0	-12·0	- 8·5	- 5·5	-15·5	- 3·0	+ 1·0	+ 0·5	- 6·0 -6·5
1851	-17·5	-15·0	-10·0	- 4·5	- 9·0	- 7·0	- 9·5	+ 0·5	- 8·5	+ 1·0	+ 1·0	-18·0	- 8·0 ✓
1852	+ 2·5	+ 8·5	-23·5	-26·5	-15·0	- 5·5	-19·0	- 4·0	- 6·0	+ 8·0	+ 1·0	+ 3·0	- 6·0 -6·4
1853	+ 3·5	-15·5	-27·0	- 2·0	-14·0	0·0	- 0·5	-10·0	+ 2·0	- 9·0	-31·0	-34·5	-11·5 ✓
1854	-20·5	+11·5	-21·0	-19·5	-15·0	-12·0	-10·5	- 5·0	- 8·0	- 7·0	- 3·5	+34·5	- 6·5 -6·3
1855	-11·0	-23·5	- 7·5	-10·0	-10·5	-14·5	- 5·0	- 6·5	-16·5	+ 7·5	-23·0	-19·0	-11·5 -11·6 ✓
1856	- 7·0	-14·5	-38·0	-20·0	- 7·5	- 3·0	- 5·0	- 5·5	- 3·0	-22·0	+ 6·5	+ 2·0	- 9·5 -9·8
1857	-15·5	-25·0	-20·0	-17·0	-25·5	-17·5	- 7·0	-23·0	-14·5	-12·5	-26·0	-17·0	-18·5 -18·8 ✓
1858	-21·0	-34·5	-12·0	-21·5	-21·0	-20·5	- 7·5	-11·5	-17·5	- 9·5	-22·5	-16·5	-18·0 ✓
1859	-11·0	- 1·5	+ 6·5	- 5·5	-22·0	0·0	-14·5	- 8·5	- 4·5	- 8·0	- 4·0	-15·5	- 7·0 -7·4
1860	+ 4·0	+ 1·0	+ 1·0	+ 0·5	- 5·5	- 4·5	- 6·0	+ 5·0	- 2·0	+11·0	-17·0	-15·5	- 2·5 -2·3
1861	-17·5	- 5·5	+13·0	-15·0	-14·5	-11·5	- 2·5	+ 2·5	- 0·5	-20·5	+15·0	-12·5	- 6·0 -5·8
1862	- 6·5	- 6·5	-12·5	-12·5	-15·5	- 1·5	+ 3·0	- 8·0	-18·0	+ 5·5	-14·5	+10·0	- 6·5 -6·6 ✓
1863	+ 9·5	- 4·5	-13·5	- 9·5	-18·0	-10·0	- 8·0	- 8·0	+ 0·5	-10·5	- 7·5	+13·5	- 5·5 ✓
1864	-29·0	-10·5	- 3·5	-19·0	-13·0	- 3·5	- 2·5	- 4·0	- 7·0	-15·0	-16·5	-34·5	-13·0 -13·2
1865	+ 2·0	- 3·0	-16·5	-18·5	-10·5	-17·0	- 9·0	- 6·0	-15·5	- 4·5	-14·0	-25·5	-11·5 ✓
1866	+ 0·5	+21·0	-13·5	-11·5	- 9·0	- 9·0	+ 3·5	+ 8·0	+ 8·0	-20·5	+24·0	+19·5	+ 1·5 +1·8
1867	+13·0	+29·0	- 5·0	+22·0	0·0	- 2·5	+10·5	- 7·0	- 1·0	+ 1·5	+ 3·5	+11·0	+ 6·0 +6·2
1868	- 7·5	+16·0	+ 6·0	- 7·0	- 8·5	- 7·5	- 8·5	- 3·0	-11·5	+ 4·0	- 4·5	+13·0	- 1·5 -1·6 ✓
1869	- 5·0	+16·0	-11·0	-17·5	- 9·0	- 5·5	-13·0	- 3·0	+10·5	+11·5	+27·0	+12·0	+ 1·0 +1·1 ✓
1870	- 5·0	-34·0	- 5·5	-15·0	-14·5	-14·5	-17·5	+ 1·5	- 7·0	+ 6·5	+12·0	- 0·5	- 8·0 -7·8
1871	-17·5	- 6·0	-14·5	- 4·5	- 2·5	+ 1·5	+14·5	+ 3·0	- 2·0	- 2·0	-11·0	-12·5	- 4·5 ✓
1872	-14·5	-26·0	- 6·0	- 4·0	- 7·0	- 2·0	- 6·0	- 3·0	+13·0	- 5·5	+ 7·5	+10·5	- 3·5 -3·6 ✓
1873	- 1·0	-22·5	-11·0	-11·5	- 4·5	- 5·5	- 5·0	- 5·0	+ 3·5	- 2·0	- 6·0	- 8·0	- 6·5 ✓
1874	- 4·5	-22·5	-11·5	-15·0	-16·5	-14·0	-12·0	- 1·0	- 3·0	- 2·0	-10·5	- 7·0	- 9·5 -9·6 ✓
1875	-28·5	-24·0	-26·5	-30·0	-23·0	-16·5	-11·5	-14·0	-18·0	-22·5	+10·0	-12·0	-18·5 -18·0
1876	-30·0	- 0·5	+30·0	-12·0	-23·5	-12·0	- 5·5	- 7·5	+ 2·0	-10·0	-13·0	-12·0	- 7·5 -7·8
1877	+ 5·0	+22·0	+ 5·0	- 6·5	- 8·5	- 5·5	+ 0·5	+ 3·5	- 6·0	- 4·0	- 2·0	+ 1·5	0·0 -0·4
1878	- 2·0	-12·0	+17·5	- 6·0	+ 6·5	+ 6·5	+ 4·0	+ 3·5	+ 7·0	+11·0	+ 2·0	- 2·5	+ 3·0 ✓
1879	-13·5	- 1·0	-11·0	- 7·5	-17·0	- 1·5	+ 9·0	0·0	- 4·0	- 6·5	0·0	-20·0	- 6·0 -6·4 ✓
1880	-16·0	-14·5	-14·0	-14·0	-19·5	- 8·5	- 9·5	-10·5	- 9·0	+ 5·0	+15·0	+24·0	- 5·5 -6·0
1881	- 9·0	- 9·5	- 8·5	-18·0	-22·0	-14·0	-12·5	+ 3·5	- 4·0	- 5·0	- 7·5	- 6·5	- 9·4 ✓
1882	-18·5	-16·5	-10·0	-21·5	-21·5	- 5·0	- 7·0	+ 7·5	- 2·0	+ 4·0	+20·0	+ 3·0	- 5·6 ✓
1883	+ 5·0	-16·5	-15·5	-24·5	-13·5	-15·5	+ 1·0	- 7·0	- 8·0	+ 2·5	+ 9·5	+20·0	- 5·6 -5·2
1884	+ 9·0	-16·0	-22·0	-23·0	-13·0	-13·0	-13·0	-13·0	- 8·0	+ 4·0	-12·0	+11·0	- 9·1 ✓
1885	-18·9	- 7·1	-15·1	-20·1	- 7·0	-14·5	-17·7	-10·9	- 5·6	+13·7	-14·5	+ 8·4	- 9·1 ✓
1886	+ 1·1	-25·8	-22·5	-21·0	-20·6	- 6·2	- 4·4	- 9·0	- 9·5	-12·2	- 1·6	+19·4	- 9·4 ✓
1887	-19·8	-27·1	-18·7	-20·5	-14·7	-12·8	-14·0	- 6·1	+ 0·4	+12·1	- 8·0	+ 3·2	-10·5 ✓
1888	-19·4	-26·1	- 5·0	- 7·2	-11·1	- 9·2	+ 8·0	+ 2·9	-10·2	+ 5·6	- 3·7	- 6·8	- 6·8 ✓
1889	-18·9	+ 9·9	- 4·9	- 7·5	-10·0	- 7·4	+ 1·9	+ 7·8	+ 7·9	- 4·3	- 0·7	-10·6	- 3·1 ✓
1890	+ 5·2	-23·8	- 6·9	- 7·9	- 6·9	- 6·8	+ 3·6	- 0·5	-10·0	+16·2	+ 1·9	-28·0	- 5·3 ✓

NETHERLANDS

TABLE B—*continued.*

MAASSLUIS—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1891	−16·0	−26·4	+ 2·0	−16·6	− 7·9	− 6·8	+ 0·6	+ 1·8	− 4·0	− 9·0	−11·4	+ 9·8	− 7·1
1892	+ 6·0*i*	+ 5·0*i*	−17·0	−13·0*i*	−11·9	− 6·2	− 7·9	− 6·0	− 5·1	+ 2·1	− 8·6	+ 1·4	− 5·1
1893	−15·0	+10·1	+ 1·3	−21·9	−13·8	−11·1	− 5·6	− 3·0	+ 6·8	+10·5	+ 3·3	− 5·3	− 3·6
1894	−13·4	+ 3·2	− 9·9	−16·1	−11·7	− 6·5	− 1·2	+ 4·5	− 1·1	− 5·5	+ 0·1	+12·0	− 3·8
1895	− 8·8	−20·0	− 8·2	− 6·6	−13·1	−13·4	− 4·4	− 8·4	−15·6	+ 5·1	−15·2	+18·2	− 7·5
1896	+ 1·3	−15·8	+ 8·8	− 9·9	−16·5	− 7·3	− 4·6	− 3·0	+ 6·3	− 2·5	− 4·0	− 9·8	− 4·8
1897	− 8·7	+ 1·5	+ 5·0	− 9·0	− 0·8	− 3·2	+ 1·0	+ 1·9	+11·1	− 5·6	− 5·0	− 6·3	− 1·5
1898	− 1·2	+21·3	− 4·3	−11·6	+ 4·2	− 0·7	+ 4·6	+ 2·4	− 3·9	− 5·0	− 5·6	+14·3	+ 1·2
1899	+15·0	− 4·2	− 5·6	+ 4·9	− 3·3	− 6·1	+ 1·9	− 1·5	+23·5	− 0·1	+ 2·9	−18·6	+ 0·7
1900	+ 1·6	− 1·0	−11·6	−13·8	−11·6	− 6·4	− 3·3	− 2·7	− 6·6	+ 8·7	−10·4	+ 7·7	− 4·1
1901	− 4·6	−11·2	−10·3	− 0·6	−18·2	− 8·8	−10·7	− 1·9	− 0·7	+ 8·3	+12·5	+10·0	− 3·0
1902	+18·7	−18·6	− 1·1	−11·2	+ 3·2	− 4·8	− 1·7	− 0·8	− 6·7	− 1·4	−19·0	− 4·0	− 4·0
1903	+ 0·2	+ 6·2	− 1·2	+14·6	− 5·5	− 9·6	+ 6·0	+10·8	− 0·6	+15·5	+16·0	− 8·3	+ 3·9
1904	− 5·9	+11·3	−10·1	+ 3·1	− 6·4	− 3·0	− 7·0	− 1·5	−14·3	+ 0·2	+13·0	+ 4·2	− 1·4
1905	− 3·1	− 2·6	−12·4	− 3·1	−12·8	− 6·4	− 3·5	+ 0·5	+ 0·5	+22·1	− 4·8	− 5·8	− 2·6
1906	+11·9	− 1·3	+15·5	−16·6	− 6·0	− 0·8	− 2·7	+ 0·7	− 9·8	− 2·2	+ 3·3	+15·7	+ 0·6
1907	− 2·4	− 0·8	− 3·1	− 7·5	− 3·4	+ 1·0	− 3·8	+ 1·9	−11·1	− 9·5	− 9·8	− 5·1	− 4·5
1908	− 8·1	+11·3	− 9·6	−11·2	− 4·5	− 5·7	− 7·8	+ 3·8	− 2·2	−20·6	+ 2·4	−12·6	− 5·4
1909	+ 0·1	− 7·2	−10·1	−10·1	−17·0	−13·7	+12·6	+ 1·7	− 3·4	+ 8·6	+10·6	+14·9	− 1·1
1910	+24·5	+ 9·3	−10·6	− 6·1	− 2·4	+ 3·6	+14·9	+ 0·8	+ 2·4	− 6·4	+26·4	+13·9	+ 5·9
1911	− 5·5	+11·8	− 2·7	− 2·5	− 6·7	− 3·6	− 5·4	− 1·2	+ 2·5	+ 4·3	+ 7·5	+ 1·5	+ 0·1
1912	− 2·9	+ 2·9	+11·0	− 2·4	− 4·9	+ 1·4	− 2·9	+12·2	+ 5·5	+ 4·0	+25·2	+19·5	+ 5·7
1913	−10·5	− 3·1	+ 4·0	− 6·4	− 8·2	− 0·4	+ 4·3	+ 2·0	+ 0·3	+ 8·6	+33·8	+28·4	+ 4·4
1914	+ 7·2	+ 6·6	+24·3	+ 3·6	+ 2·4	+ 6·7	+12·0	− 1·7	+19·2	− 2·2	+11·1	+16·5	+ 8·8
1915	+25·0	− 3·1	+ 3·0	− 4·0	− 5·4	− 3·3	+ 8·6	+ 8·6	+ 0·2	−12·7	+11·1	+17·3	+ 3·8
1916	+33·8	+12·1	+ 6·6	+ 7·2	− 0·7	+10·4	+ 1·2	+ 7·5	+ 6·1	+ 9·1	+ 1·2	+12·7	+ 8·9
1917	+ 2·9	−15·9	− 8·1	− 0·2	− 9·9	− 3·9	− 0·8	+ 5·2	+ 3·8	+29·1	+21·7	+10·7	+ 2·9
1918	+19·1	− 0·2	−15·9	− 3·9	− 6·3	+ 4·3	+ 7·2	+ 3·6	+17·8	+ 1·6	− 8·0	+17·9	+ 3·1
1919	− 0·5	− 6·1	+ 3·7	+ 5·9	−11·5	+ 8·7	+ 6·4	+ 7·4	+ 5·8	+ 5·1	+ 3·8	+22·9	+ 4·3
1920	+30·5	+ 8·3	− 3·3	+ 2·9	− 7·4	− 2·0	+ 2·8	+ 4·2	− 0·5	−17·1	−15·6	− 9·1	− 0·5
1921	+20·7	−12·8	− 8·3	−15·5	−16·8	− 5·0	− 8·6	− 3·6	− 7·6	+ 4·5	− 4·7	+ 8·5	− 4·1
1922	− 6·8	−12·4	− 4·7	− 2·1	− 3·0	− 2·1	+ 0·2	+ 0·2	+ 8·2	− 5·4	+16·2	+13·7	+ 0·2
1923	+ 9·3	− 9·5	−11·2	−13·6	− 3·5	+ 2·6	− 0·8	+ 5·6	− 1·9	+18·9	+14·9	+ 8·4	+ 1·6
1924	− 3·6	+ 0·2	− 4·9	− 1·5	+ 5·8	+ 0·5	+ 4·8	+ 9·0	+13·5	+ 4·4	+ 5·8	− 3·0	+ 2·6
1925	+ 6·2	+ 4·8	− 4·3	− 6·5	− 5·6	+ 0·4	− 4·2	+ 0·1	+17·0	+ 9·7	+13·2	+26·5	+ 4·8
1926	+13·8	+ 8·4	+10·2	− 2·4	+ 0·2	+ 8·2	+10·8	+10·5	+ 7·2	+11·4	+ 5·4	+ 6·0	+ 7·5
1927	+ 4·2	− 7·7	+ 1·6	+12·8	− 0·9	+ 7·2	+ 4·4	+ 9·5	+16·8	+ 9·0	+ 3·5	−14·9	+ 3·8
1928	+ 7·8	+ 9·0	−18·9	− 3·8	− 4·7	+ 3·9	+ 0·5	− 0·2	− 4·5	+ 5·0	+30·2	+ 6·8	+ 2·6
1929	− 9·7	−32·6	−14·4	− 4·8	−14·3	+ 1·1	− 0·8	+ 0·5	+ 5·2	+14·2	+ 3·3	+14·4	− 3·1
1930	+ 5·9	−21·4	− 8·2	− 6·8	− 3·2	− 6·9	+11·4	+ 9·9	+ 4·9	+22·9	+35·0	+ 0·2	+ 3·6
1931	+22·8	0·0	− 4·7	+ 0·5	− 0·5	− 0·3	+13·4	+10·0	+10·4	+14·0	− 4·0	+ 9·7	+ 5·9
1932	+ 6·3	−18·6	−16·5	+ 5·1	+ 2·6	− 3·1	+ 7·9	− 0·1	+ 8·2	+22·2	+ 6·4	− 8·4	+ 1·0
1933	−15·0	− 2·2	− 8·4	−12·0	− 4·5	+ 2·6	+ 0·8	+ 1·7	− 5·2	+ 9·6	− 0·6	−23·2	− 4·7
1934	− 4·5	− 6·8	− 9·0	−13·8	− 9·5	− 7·3	− 3·9	+ 1·6	+ 0·4	+16·2	− 2·4	− 2·5	− 3·4
1935	+ 4·0	+20·1	−12·7	+ 6·6	−10·0	− 2·8	+ 2·9	− 4·5	+12·5	+14·3	+ 1·1	+ 8·4	+ 3·4
1936	+20·2	+ 2·2	−13·0	+ 2·3	−10·6	− 3·1	+ 6·7	+ 0·8	+ 0·9	+23·1	+ 7·1	+14·7	+ 4·3

HELLEVOETSLUIS.

The mean values increase upwards; the unit is 1 centimetre.

1861	−26	−15	− 2	−20	−16	−11	− 6	− 1	− 6	−22	+ 2	−22	−12·0
1862	−16	−20	−15	−14	−12	− 1	− 1	− 9	−18	− 2	−19	+ 4	−10·5
1863	− 4	−12	−18	−14	−19	−13	− 9	−10	− 4	−13	−16	+ 4	−10·5
1864	−34	−18	−12	−20	−16	− 6	− 8	− 4	−11	−15	−18	−34	−16·5
1865	− 3	−11	−22	−23	−14	−16	− 8	− 8	−16	− 7	−14	−30	−15·0
1866	− 6	+ 5	−19	−19	−14	−11	0	0	0	−22	+17	0	− 5·5
1867	− 5	+ 4	−18	+ 2	−10	−10	+ 4	−10	− 3	− 4	− 2	− 1	− 4·5
1868	−12	+ 6	− 5	−12	−14	−10	− 6	− 4	−11	− 2	−11	− 2	− 7·0
1869	−22	+ 6	−17	−21	−12	− 8	−14	− 4	+ 3	+ 6	+14	− 8	− 6·5
1870	−18	−40	− 8	−19	−14	−14	−11	+ 4	−10	+ 2	− 7	−19	−12·5
1871	−36	−24	−20	−11	− 8	− 3	− 1	− 8	− 4	−11	−13	−17	−13·0

i, the mean values have been obtained by interpolation or inference.

NETHERLANDS

TABLE B—*continued.*

HELLEVOETSLUIS—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1872	−24	−30	−14	− 8	−12	−12	− 6	− 7	+ 7	−11	− 6	− 6	−10·5
1873	−12	−27	−22	−14	− 6	− 6	− 6	− 6	0	− 6	−10	−14	−10·5
1874	−11	−26	−16	−17	−16	−14	−12	− 4	− 6	− 6	−10	−13	−12·5
1875	−13	−28	−24	−22	−17	−11	− 8	− 6	−10	−22	+ 3	− 9	−14·0
1876	−32	− 7	+14	−13	−19	− 8	− 2	− 2	+ 3	− 8	− 9	−15	− 8·5
1877	0	+14	− 4	−14	− 6	− 4	+ 4	+ 4	− 3	+ 2	− 4	− 2	− 1·0
1878	− 7	−14	+10	−12	0	− 4	+ 3	+ 2	+ 4	− 6	0	− 4	− 2·0
1879	−20	− 6	−14	− 6	−12	− 2	+ 5	− 4	− 4	− 6	+ 1	−20	− 7·0
1880	−16	−11	−18	−10	−15	− 4	− 6	− 8	+ 5	+ 8	+14	− 5	− 5·5
1881	−12·0	−17·5	−12·5	−21·0	−22·0	−13·0	−11·5	+ 4·5	− 7·0	− 6·5	− 8·5	− 9·5	−11·5
1882	−19·5	−15·0	−10·5	−21·5	−21·5	− 6·0	−10·5	+ 8·0	− 7·0	− 5·0	+14·0	− 7·5	− 8·5
1883	−11·0	−23·0	−15·5	−22·5	−12·0	−15·0	− 1·0	− 5·0	− 5·0	+ 4·5	+ 9·0	+16·0	− 6·5
1884	+ 5·0	−21·0	−24·0	−22·0	−15·0	−14·0	−14·0	−15·0	−11·0	+ 3·0	−13·0	+ 3·0	−11·0
1885	−20·2	−14·1	−21·0	−23·8	−10·5	−17·5	−22·1	−12·4	− 7·3	+11·2	−16·3	+ 1·1	−13·0
1886	− 2·5	−27·6	−24·9	−21·7	−18·9	− 8·0	− 5·4	− 8·0	− 8·8	− 8·3	− 0·4	+15·1	−10·0
1887	−21·8	−25·6	−18·5	−15·9	−10·7	−11·2	− 9·2	− 3·5	− 5·6	+ 8·4	−11·2	+ 1·9	−10·0
1888	−19·0	−25·4	−11·2	−16·9	−17·5	−14·0	+ 1·4	− 5·4	−14·7	− 2·1	− 9·7	−10·6	−12·0
1889	−21·9	+ 3·8	−12·1	−15·9	−15·4	−14·3	− 4·8	+ 1·4	+ 2·4	−11·4	− 6·1	−17·8	− 9·0
1890	− 3·5	−34·0	−12·6	−11·5	−11·9	−11·4	− 2·5	− 3·6	−14·8	+12·7	− 4·6	−30·3	−11·0
1891	−15·8	−28·2	− 0·8	−20·1	−10·4	−11·2	− 3·6	− 1·3	− 5·3	−11·2	−11·0	+ 6·1	− 9·0
1892	+ 0·4	− 3·9	−23·6	−14·1	−13·7	− 8·3	− 9·2	− 6·6	− 4·6	+ 1·1	− 9·4	− 0·6	− 8·0
1893	−14·3	+ 0·2	− 5·2	−22·5	−13·7	−11·6	− 6·9	− 4·6	+ 4·6	+ 8·2	+ 1·8	− 7·6	− 6·0
1894	−16·4	− 3·6	−14·2	−17·2	−12·5	− 9·2	− 3·5	+ 1·4	− 2·0	0·0	+ 0·3	+13·3	− 5·0
1895	−13·9	−24·7	−11·4	−12·7	−14·8	−14·1	− 3·9	− 6·9	−13·8	+ 5·4	−18·1	+ 7·3	−10·0
1896	−14·3	−29·3	− 7·0	−13·9	−18·9	−10·5	− 8·1	− 6·9	+ 2·5	− 6·7	−12·8	−18·1	−12·0
1897	−16·8	−12·8	− 7·5	−18·1	− 5·9	− 9·7	− 7·2	− 5·4	+ 1·2	−13·0	−10·0	−15·3	−10·0
1898	− 8·6	+12·3	−12·5	−19·6	− 6·0	−10·0	− 4·2	− 5·6	−10·6	−12·5	−13·3	+ 4·0	− 7·0
1899	+ 0·4	−13·7	−14·3	− 5·3	−14·2	−15·0	− 8·2	−10·9	+13·6	− 7·1	+ 0·6	−20·0	− 8·0
1900	− 5·4	−10·8	−14·3	−18·6	−14·6	− 9·6	− 8·6	− 5·2	− 8·8	+ 6·6	−12·9	+ 2·0	− 8·0
1901	− 8·7	−15·2	−18·4	−10·7	−22·3	−12·1	−14·0	− 5·2	− 5·3	+ 2·4	+ 7·0	+ 3·2	− 8·3
1902	+ 9·8	−26·0	− 7·0	−19·1	− 2·8	−10·3	− 6·2	− 5·0	− 9·8	− 4·2	−22·4	− 7·9	− 9·2
1903	− 8·0	0·0	− 7·9	+ 9·3	−11·9	−14·0	+ 0·9	+ 4·1	− 7·3	+ 8·1	+ 9·7	−18·6	− 3·0
1904	−12·6	− 1·3	−19·5	− 5·8	−13·2	−10·3	−11·9	− 5·2	−18·2	− 3·5	+10·3	+ 0·1	− 7·6
1905	− 7·5	− 7·3	−18·8	− 9·9	−16·6	− 9·8	− 6·8	− 2·2	− 3·6	+16·1	−11·2	−10·6	− 7·4
1906	+ 3·1	− 7·7	+ 3·2	−21·1	−11·3	− 7·0	− 7·9	− 4·9	−11·5	− 4·3	+ 0·3	+10·8	− 4·8
1907	− 7·2	− 6·7	−12·6	−14·0	−11·4	− 5·7	− 9·2	− 2·3	−13·8	−10·0	−10·6	− 8·8	− 9·4
1908	−10·1	+ 3·9	−20·0	−16·7	−13·2	−11·8	−10·2	+ 1·2	− 5·5	−21·4	+ 1·5	−13·9	− 9·6
1909	− 3·4	−12·5	−11·6	−14·1	−20·0	−13·4	+ 6·0	− 2·9	− 6·2	+ 4·5	+ 6·0	+ 6·8	− 5·1
1910	+12·8	− 3·6	−20·5	−10·8	− 8·6	− 3·0	+ 4·4	− 6·5	− 5·0	−11·7	+17·5	+ 4·8	− 2·5
1911	−13·6	+ 4·5	−11·8	− 8·6	−11·2	− 8·4	−10·7	− 5·4	+ 0·2	+ 0·1	+ 1·2	− 5·3	− 5·8
1912	−10·7	+ 0·8	+ 3·6	− 7·8	− 7·5	− 3·3	− 7·8	+ 6·1	− 0·6	+ 0·8	+17·5	+11·6	+ 0·2
1913	−18·8	−13·6	− 2·3	−12·5	−13·5	− 5·0	− 2·2	− 4·0	− 8·2	+ 0·9	+22·4	+17·7	− 3·2
1914	− 3·8	+ 0·4	+10·8	− 6·7	− 3·3	− 0·5	+ 8·5	− 3·1	+16·5	− 0·8	+12·0	+14·7	+ 3·7
1915	+19·6	− 9·5	− 0·2	− 8·0	− 8·1	− 5·9	+ 6·0	+ 5·4	− 2·2	−12·8	+13·2	+15·2	+ 1·1
1916	+27·3	+ 7·4	+ 0·9	+ 2·2	− 3·1	+ 7·0	− 1·1	+ 7·2	+ 5·2	+ 6·8	− 1·9	+10·7	+ 5·7
1917	− 6·4	−16·1	− 8·9	− 2·4	−11·3	− 6·2	− 0·2	+ 6·7	+ 6·1	+24·2	+15·4	+ 4·4	+ 0·4
1918	+13·3	− 4·6	−18·1	− 5·9	−10·8	+ 1·0	+ 2·9	+ 1·8	+18·0	+ 2·3	− 7·0	+14·1	+ 0·6
1919	− 9·5	− 7·5	− 0·5	+ 0·2	−14·5	+ 7·6	+ 4·3	+ 5·9	+ 6·1	+ 3·5	+ 0·3	+14·8	+ 0·9
1920	+16·5	+ 3·1	− 5·0	+ 3·1	− 8·1	− 2·7	+ 3·1	+ 6·6	+ 1·0	−13·8	− 9·4	− 4·5	− 0·8
1921	+21·5	− 9·3	− 4·7	−11·5	−12·7	− 1·3	− 4·7	− 0·4	− 4·0	+ 8·4	− 2·5	+12·8	− 0·7
1922	− 4·3	− 9·9	− 4·1	− 1·2	− 2·3	+ 1·7	+ 4·3	+ 3·5	+ 8·0	− 9·9	+14·4	+ 9·5	+ 0·9
1923	+ 5·3	−14·9	−15·3	−14·6	− 4·9	+ 1·7	− 3·1	+ 2·7	− 5·0	+14·1	+ 8·9	+ 4·1	− 1·8
1924	−11·4	− 3·3	− 9·3	− 7·9	− 3·7	− 6·3	− 0·1	+ 3·1	+ 7·7	+ 0·3	− 3·7	− 6·5	− 3·4
1925	+ 1·3	− 1·3	− 6·3	− 9·8	− 8·3	+ 0·1	− 4·9	− 0·7	+14·5	+ 5·3	+ 9·0	+22·1	+ 1·7
1926	− 0·5	+ 0·9	+ 3·4	− 5·7	− 3·5	+ 1·1	+ 5·2	+ 4·5	+ 4·5	+ 8·2	− 0·6	+ 2·9	+ 1·7
1927	− 1·1	−11·5	− 3·6	+ 8·4	− 5·1	+ 1·9	− 0·7	+ 5·6	+10·7	+ 4·1	− 1·9	−19·5	− 1·0
1928	+ 1·3	+ 1·3	−21·2	− 6·7	− 5·8	+ 0·5	− 2·5	− 0·4	− 5·1	+ 1·7	+26·1	− 0·3	− 1·0
1929	−15·1	−35·5	−18·3	− 7·5	−17·7	− 3·4	− 5·5	− 5·5	+ 0·9	+ 9·3	− 1·8	+ 8·0	− 7·7
1930	+ 0·1	−24·5	−18·4	− 7·9	− 4·9	− 7·3	+10·3	+ 6·3	+ 2·5	+17·9	+28·2	− 4·9	+ 0·3
1931	+16·1	− 6·3	−12·1	− 4·7	− 3·7	− 5·0	+ 6·4	+ 5·7	+ 5·7	+11·4	− 8·4	+ 6·0	+ 1·0
1932	+ 0·4	−20·8	−14·6	+ 1·2	− 1·9	− 6·1	+ 4·0	− 3·7	+ 7·6	+20·4	+ 2·7	−12·4	− 1·9
1933	−17·9	− 5·3	−11·5	−14·5	− 7·2	+ 1·7	− 1·5	+ 0·9	− 6·4	+ 8·5	− 2·5	−25·6	− 6·7
1934	− 7·8	−11·5	−10·2	−14·6	−12·6	− 9·9	− 6·2	− 0·9	− 2·9	+12·7	− 1·8	− 2·0	− 5·6
1935	− 0·1	+12·2	−19·9	+ 3·0	−13·3	− 6·8	0·0	− 6·9	+ 9·1	+10·1	− 2·4	+ 4·5	− 0·9
1936	+13·0	− 3·5	−17·2	− 1·4	−13·3	− 7·7	+ 2·2	− 4·3	− 2·8	+18·8	+ 0·4	+ 8·9	− 0·6

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TABLE B—*continued.*

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The mean values increase upwards; the unit is 1 centimetre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1872	-36	-42	-27	-22	-20	-21	-16	-18	- 2	-20	-20	-26	-22·5
1873	-24	-44	-38	-26	-18	-14	-14	-14	-12	-20	-24	-32	-23·0
1874	-24	-38	-28	-27	-28	-24	-21	-14	-16	-20	-25	-30	-24·0
1875	-30	-46	-39	-34	-25	-20	-16	-14	-17	-30	-14	-24	-25·5
1876	-46	-18	- 2	-25	-28	-18	-12	-10	- 6	-17	-20	-24	-18·5
1877	- 8	- 2	-19	-28	-17	-10	- 3	- 2	-12	- 4	- 7	-10	-10·0
1878	-27	-24	+ 4	-16	- 5	- 4	- 2	- 1	- 8	-19	-18	-18	-11·5
1879	-37	-18	-28	-16	-22	- 9	- 6	-12	-16	-21	-14	-34	-19·5
1880	-33	-22	-31	-19	-22	-11	-16	-20	-20	-10	- 8	- 5	-18·0
1881	-18·5	-24·5	-24·0	-26·0	-28·0	-19·5	-17·0	- 2·0	-15·0	-15·5	-13·5	-16·5	-18·5
1882	-26·0	-22·0	-16·5	-25·5	-27·0	-12·5	-17·0	- 1·0	-14·5	-13·0	+ 3·0	-14·5	-15·5
1883	-19·5	-30·0	-26·0	-33·0	-22·5	-26·5	-13·5	-18·5	-14·5	- 8·5	- 4·5	+ 1·0	-18·0
1884	- 6·0	-30·0	-32·0	-28·0	-24·0	-22·0	-20·0	-20·0	-16·0	- 3·0	-19·0	- 8·0	-19·0
1885	-26·0	-22·0	-29·0	-28·0	-17·0	-24·0	-28·0	-18·0	-13·0	- 1·0	-29·0	-14·0	-21·0
1886	-16·0	-40·0	-38·0	-34·0	-30·0	-19·0	-18·0	-19·0	-20·0	-21·0	-14·0	-10·0	-22·0
1887	-33·0	-40·0	-34·0	-32·0	-26·0	-28·0	-24·0	-16·0	-16·0	- 4·0	-22·0	-12·0	-24·0
1888	-31·0	-36·0	-25·0	-30·0	-31·0	-26·0	-13·0	-19·0	-27·0	-16·0	-21·0	-22·0	-25·0
1889	-33·0	-10·0	-26·0	-29·0	-28·0	-26·0	-17·0	-11·0	- 9·0	-22·0	-18·0	-29·0	-22·0
1890	-17·0	-45·0	-24·0	-23·0	-24·0	-24·0	-17·0	-17·0	-28·0	-10·0	-19·0	-41·0	-23·0
1891	-28·3	-42·0	-15·0	-33·2	-23·1	-24·7	-18·5	-16·6	-19·4	-24·7	-22·7	- 9·4	-23·0
1892	-14·0	-20·1	-36·3	-28·3	-26·8	-22·3	-23·5	-20·3	-18·3	-13·0	-23·6	-16·2	-22·0
1893	-27·2	-17·2	-21·3	-35·7	-26·2	-24·6	-19·6	-18·7	- 8·7	- 6·5	-13·5	-23·3	-20·0
1894	-29·9	-23·0	-29·8	-30·5	-26·7	-25·1	-19·5	-14·7	-16·7	-13·8	-15·6	- 0·4	-20·0
1895	-25·3	-36·4	-24·8	-27·3	-27·5	-27·8	-15·7	-20·3	-24·3	- 4·4	-26·7	- 5·5	-22·0
1896	-25·9	-39·0	-18·5	-26·4	-29·0	-20·9	-19·1	-18·0	- 8·5	-18·2	-24·0	-27·5	-23·0
1897	-25·1	-25·5	-20·2	-28·3	-15·9	-19·8	-17·1	-15·0	-10·2	-21·6	-18·4	-25·7	-20·0
1898	-17·9	- 0·2	-23·5	-28·9	-16·9	-22·0	-15·8	-15·5	-19·0	-17·4	-19·5	- 4·0	-17·0
1899	- 9·0	-22·4	-21·4	-14·8	-22·8	-22·9	-16·5	-18·4	+ 5·1	-14·4	- 8·4	-25·7	-16·0
1900	-15·2	-20·2	-24·8	-27·3	-22·8	-17·9	-16·8	-15·9	-19·0	+ 0·6	-17·4	- 6·1	-17·0
1901	-15·0	-22·3	-25·8	-19·2	-28·2	-23·9	-23·7	-16·4	-15·2	- 8·4	- 3·5	- 7·8	-17·4
1902	- 3·5	-35·0	-17·4	-26·5	-14·1	-20·4	-16·8	-15·2	-18·9	-12·7	-28·9	-17·4	-18·9
1903	-18·6	-10·9	-18·4	- 3·1	-21·6	-22·0	- 8·6	- 6·8	-15·4	- 1·6	- 0·6	-27·0	-12·9
1904	-21·8	-13·0	-28·8	-18·0	-21·9	-20·3	-20·8	-14·7	-25·3	-11·4	+ 1·2	- 9·2	-17·0
1905	-17·9	-17·6	-29·2	-20·9	-26·0	-18·2	-16·0	-11·0	-13·1	+ 4·8	-20·2	-21·2	-17·2
1906	- 9·7	-17·0	-11·0	-30·3	-21·0	-18·1	-17·6	-14·4	-20·1	-11·4	- 7·9	+ 1·7	-14·7
1907	-17·2	-18·7	-24·3	-23·7	-22·0	-16·8	-19·2	-12·0	-19·3	-15·6	-17·8	-19·7	-18·9
1908	-20·9	-10·0	-33·3	-27·8	-25·2	-22·4	-19·9	- 8·5	-16·7	-29·6	- 7·7	-22·8	-20·4
1909	-14·1	-23·8	-21·3	-25·5	-29·9	-22·7	- 7·4	-13·6	-17·0	- 7·0	- 6·1	- 7·0	-16·3
1910	- 2·9	-18·5	-34·5	-23·0	-20·8	-16·4	-11·2	-21·3	-17·5	-22·4	+ 2·9	- 9·0	-16·2
1911	-26·9	-10·3	-24·2	-20·5	-23·6	-21·2	-22·0	-15·5	-10·3	-10·0	-10·5	-16·1	-17·6
1912	-25·6	-10·1	-10·2	-18·8	-17·7	-14·5	-18·2	- 6·5	-13·8	-10·1	+ 3·4	- 1·6	-12·0
1913	-30·3	-25·9	-15·5	-23·2	-25·4	-17·6	-13·6	-13·7	-16·4	- 6·9	+11·0	+ 3·6	-14·5
1914	-19·9	-14·5	- 9·2	-23·4	-19·4	-16·9	- 8·4	-19·5	- 0·5	-15·7	- 4·6	- 2·9	-12·9
1915	+ 0·6	-24·8	-16·8	-25·2	-22·9	-20·8	-10·0	-10·4	-16·0	-26·9	- 2·0	- 3·9	-14·9
1916	+ 6·5	-11·8	-15·7	-15·7	-20·1	-10·2	-19·1	- 9·7	- 9·9	- 9·9	-18·5	- 5·4	-11·6
1917	-24·6	-31·6	-24·5	-20·5	-27·0	-21·9	-16·0	-10·5	- 9·8	+ 5·2	- 2·9	-14·2	-16·5
1918	- 6·5	-21·9	-34·3	-21·6	-26·9	-15·9	-13·7	-14·1	+ 1·0	-14·8	-22·1	- 2·4	-16·1
1919	-26·6	-22·8	-17·4	-17·3	-29·4	- 8·8	-11·2	- 9·0	- 8·3	-10·1	-14·0	- 3·3	-14·8
1920	- 4·5	-13·8	-20·0	-12·4	-23·1	-18·4	-11·9	- 8·7	-15·0	-27·3	-24·3	-19·9	-16·6
1921	+ 3·7	-28·2	-19·0	-25·9	-25·6	-16·7	-18·1	-12·6	-18·7	- 5·1	-15·3	- 2·1	-15·3
1922	-19·3	-25·9	-19·5	-18·9	-21·9	-14·7	-11·7	-12·9	- 8·6	-23·1	- 1·3	- 3·7	-15·1
1923	-11·5	-26·7	-29·6	-25·0	-16·4	-13·2	-13·9	- 8·8	-13·7	+ 2·7	- 6·3	-10·8	-14·4
1924	-25·6	-18·7	-20·5	-20·7	-18·1	-19·7	-12·5	- 9·4	- 6·3	-10·9	-18·9	-16·9	-16·5
1925	-13·1	-13·4	-21·1	-21·7	-19·9	-13·2	-15·3	-12·7	+ 1·7	- 6·8	- 4·7	+ 8·6	-11·0
1926	-17·3	-14·5	-12·7	-17·3	-15·3	-14·0	- 9·3	- 9·3	- 7·1	- 4·5	-13·5	-13·2	-12·3
1927	-13·7	-24·9	-17·0	- 8·5	-19·5	-10·9	-12·9	- 6·6	- 2·8	- 9·5	-15·3	-31·9	-14·5
1928	-12·9	-15·1	-32·2	-18·1	-18·5	-11·4	-14·4	- 9·9	-16·0	- 7·1	+12·7	-15·4	-13·2
1929	-28·7	-45·7	-30·7	-20·9	-27·6	-15·3	-16·5	-15·2	-10·5	- 2·0	-12·3	- 6·2	-19·3
1930	-14·9	-38·1	-23·8	-21·1	-18·7	-21·3	- 2·8	- 8·3	-10·7	+ 0·9	+ 9·9	-20·3	-14·1
1931	- 2·3	-22·7	-28·7	-18·7	-18·5	-19·3	- 6·0	- 9·3	-11·2	- 2·0	-17·5	- 9·3	-13·8
1932	-16·8	-35·3	-29·3	-13·5	-15·7	-19·7	- 9·9	-16·3	- 6·9	+ 8·5	-12·8	-24·0	-16·0
1933	-29·5	-19·9	-23·2	-27·0	-20·4	-12·3	-15·4	-12·5	-17·5	- 3·0	-14·5	-40·3	-19·7
1934	-19·6	-26·3	-23·3	-26·7	-23·7	-20·0	-17·7	-11·3	-14·2	0·0	-17·1	-14·7	-17·9
1935	-16·1	- 5·7	-34·7	- 9·9	-26·7	-19·2	-13·1	-17·6	- 2·3	- 2·0	-15·1	-11·1	-14·4
1936	- 1·7	-16·1	-27·0	-13·5	-25·2	-19·8	-12·3	-19·4	-16·8	+ 3·3	-14·3	- 8·3	-14·3

NETHERLANDS

TABLE B—*continued.*

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The mean values increase upwards; the unit is 1 centimetre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1872	-34·5	-38·5	-25·5	-19·5	-18·5	-18·5	-12·5	-15·5	- 2·5	-18·5	-18·5	-22·5	-20·5
1873	-20·5	-38·5	-34·5	-21·5	-12·5	-10·5	- 9·5	- 8·5	- 7·5	-14·5	-18·5	-26·5	-18·5
1874	-20·5	-30·5	-22·5	-22·5	-23·5	-18·5	-16·5	- 8·5	-10·5	-12·5	-20·5	-24·5	-19·0
1875	-24·5	-42·5	-32·5	-28·5	-19·5	-16·5	-14·5	-14·5	-15·5	-28·5	-10·5	-22·5	-22·0
1876	-42·5	-16·5	+ 1·5	-22·5	-26·5	-14·5	-10·5	- 8·5	- 5·5	-16·5	-18·5	-24·5	-17·5
1877	- 7·5	+ 0·5	-15·5	-23·5	-12·5	-10·5	- 4·5	- 2·5	-14·5	- 6·5	-12·5	-20·5	-11·0
1878	-22·5	-28·5	- 1·5	-18·5	- 7·5	- 8·5	- 6·5	- 4·5	- 6·5	-14·5	-12·5	-16·5	-12·5
1879	-35·5	-16·5	-26·5	-13·5	-19·5	- 7·5	- 2·5	-10·5	-14·5	-17·5	-12·5	-30·5	-17·0
1880	-28·5	-18·5	-28·5	-16·5	-18·5	- 8·5	-10·5	-12·5	-12·5	- 4·5	- 4·5	+ 1·5	-13·5
1881	-25·5	-26·5	-22·5	-21·0	-19·5	-11·0	-10·0	+ 2·5	-13·0	-20·5	-19·5	-21·5	-17·0
1882	-31·0	-21·5	-14·0	-23·5	-21·0	- 5·5	-11·0	+ 2·0	-15·0	-16·5	- 3·0	-22·5	-15·0
1883	-23·0	-31·5	-22·5	-27·0	-13·5	-16·5	- 6·5	-12·0	-12·0	-12·5	- 7·5	+ 2·0	-15·0
1884	- 9·0	-31·0	-28·5	-22·5	-15·0	-13·5	-12·0	-13·0	-14·5	- 4·5	-22·5	- 9·5	-16·5
1885	-28·0	-21·5	-24·5	-21·0	- 8·5	-15·5	-20·5	-10·5	- 6·5	- 1·0	-28·5	-12·0	-16·5
1886	-12·0	-38·5	-30·0	-27·5	-20·0	- 5·5	- 6·5	- 8·0	-11·5	-17·5	-13·0	- 1·0	-16·0
1887	-35·5	-39·0	-29·0	-22·5	-14·5	-15·0	-11·5	- 7·0	-10·5	+ 2·0	-17·0	- 8·0	-17·1
1888	-25·0	-31·0	-18·0	-25·0	-24·0	-20·0	- 9·0	-13·0	-24·0	-14·0	-19·0	-20·0	-20·1
1889	-33·0	- 8·0	-25·0	-27·0	-25·0	-25·0	-15·0	- 9·0	- 9·0	-20·0	-17·0	-28·0	-20·0
1890	-15·0	-43·0	-22·0	-22·0	-23·0	-23·0	-17·0	-16·0	-27·0	- 2·0	-17·0	-39·0	-22·1
1891	-26·8	-41·4	-14·1	-32·4	-22·8	-24·2	-17·2	-14·9	-17·2	-22·2	-21·3	- 9·2	-22·0
1892	-12·9	-18·5	-33·7	-26·7	-24·8	-20·7	-21·9	-18·4	-16·8	-11·7	-22·5	-15·3	-20·0
1893	-27·2	-14·5	-20·5	-34·0	-25·3	-23·6	-18·1	-16·6	- 7·0	- 5·9	-13·8	-22·9	-19·0
1894	-29·4	-20·9	-28·6	-28·8	-26·0	-24·6	-18·5	-13·8	-13·5	-10·7	-12·4	+ 2·1	-19·0
1895	-21·8	-34·2	-20·7	-23·6	-23·8	-24·3	-11·8	-15·1	-20·2	- 0·8	-23·0	- 2·9	-19·0
1896	-22·5	-34·3	-14·8	-22·8	-26·4	-17·0	-15·7	-14·5	- 5·1	-15·3	-21·5	-24·0	-19·0
1897	-24·7	-24·0	-18·5	-27·8	-16·3	-19·6	-16·3	-13·3	- 9·6	-22·0	-18·8	-25·9	-20·0
1898	-24·4	- 7·3	-29·7	-35·2	-22·7	-27·7	-22·3	-21·8	-25·0	-23·0	-25·1	-10·1	-23·0
1899	-14·5	-28·5	-27·3	-20·9	-28·0	-29·0	-22·9	-23·2	- 0·8	-20·1	-14·6	-31·9	-22·0
1900	-22·6	-25·1	-31·1	-32·3	-28·4	-22·9	-22·1	-20·4	-23·8	- 9·5	-27·3	-15·0	-23·0
1901	-23·8	-31·9	-34·9	-26·9	-37·8	-28·0	-29·4	-20·4	-19·0	- 7·2	- 4·1	- 6·5	-22·5
1902	- 5·2	-33·8	-17·3	-27·9	-14·5	-20·0	-15·7	-14·4	-18·1	-11·8	-26·1	-20·3	-18·8
1903	-20·1	-13·7	-19·0	- 7·0	-22·9	-23·6	-10·3	- 8·5	-17·4	- 4·0	- 2·5	-29·2	-14·8
1904	-24·3	-14·5	-30·3	-21·0	-24·1	-22·4	-21·4	-15·2	-26·0	-13·0	- 0·5	- 9·5	-18·5
1905	-18·9	-18·3	-31·1	-23·8	-25·0	-16·8	-16·1	-10·6	-13·2	+ 4·4	-20·3	-20·9	-17·6
1906	- 9·3	-17·2	-10·6	-30·2	-20·8	-18·8	-16·4	-13·0	-19·8	-10·3	- 7·0	0·0	-14·4
1907	-19·2	-18·9	-23·4	-22·3	-21·6	-15·2	-19·1	-11·2	-20·8	-16·0	-15·4	-16·2	-18·3
1908	-18·5	- 8·1	-31·0	-25·7	-20·9	-20·4	-17·0	- 6·4	-13·0	-25·6	- 4·7	-21·0	-17·7
1909	-11·8	-20·8	-17·4	-21·8	-26·8	-19·2	- 4·6	-11·0	-13·9	- 2·5	- 3·4	- 1·5	-12·9
1910	+ 2·8	-13·5	-28·2	-17·3	-15·7	-11·6	- 7·1	-15·3	-12·5	-18·0	+ 6·9	- 4·7	-11·2
1911	-22·3	- 6·3	-21·0	-16·8	-19·9	-17·5	-19·7	-12·7	- 7·9	- 9·1	- 8·7	-14·8	-14·6
1912	-26·1	- 8·9	-10·1	-19·3	-18·7	-14·3	-19·2	- 7·0	-10·6	- 3·2	+ 8·6	+ 3·9	-10·4
1913	-24·0	-19·8	- 9·6	-20·1	-22·8	-15·2	-13·6	-16·2	-19·7	-11·2	+17·5	+13·3	-11·8
1914	-13·4	- 6·3	0·0	-15·9	-11·9	-10·0	- 1·7	-11·9	+ 6·4	- 8·5	+ 2·4	+ 4·0	- 5·6
1915	+ 6·8	-16·2	-10·0	-17·7	-15·5	-14·3	- 3·0	- 3·8	- 9·6	-19·6	+ 3·9	+ 2·8	- 8·0
1916	+13·7	- 3·9	- 8·1	-10·3	-14·8	- 6·1	-14·4	- 4·8	- 5·0	- 5·2	-13·2	+ 0·2	- 6·0
1917	-19·7	-24·3	-18·7	-15·6	-21·9	-16·9	-11·4	- 4·7	- 6·4	+ 8·3	+ 1·4	- 9·9	-11·6
1918	- 1·0	-15·7	-27·6	-16·2	-20·4	-10·4	- 8·4	- 8·5	+ 6·8	-10·3	-17·4	+ 2·9	-10·5
1919	-21·8	-15·6	-12·7	-12·8	-19·8	- 0·5	- 2·4	0·0	+ 0·4	- 0·9	- 4·2	- 2·2	- 7·7
1920	- 2·4	- 4·9	- 9·1	- 2·2	-14·3	- 8·6	- 2·6	- 0·1	- 4·9	-16·8	-13·7	-10·3	- 7·5
1921	+11·5	-20·9	-10·7	-17·9	-22·4	-14·9	-15·2	-10·0	-15·7	- 2·5	-13·3	+ 1·8	-10·9
1922	-14·1	-20·5	-14·9	-14·3	-17·7	-10·7	- 7·6	- 9·2	- 4·8	-19·3	+ 2·3	+ 1·1	-10·9
1923	- 7·2	-20·1	-25·3	-20·7	-12·5	-10·6	- 9·4	- 5·3	-10·9	+ 6·0	- 2·3	- 6·5	-10·4
1924	-20·5	-13·5	-14·9	-15·1	-13·1	-15·1	- 7·4	- 5·1	- 2·4	- 5·9	-14·1	-10·8	-11·5
1925	- 6·7	- 6·5	-16·9	-15·7	-13·9	- 8·7	- 9·7	- 8·1	+ 6·1	- 2·7	- 0·1	+13·9	- 5·8
1926	-12·3	- 8·5	- 8·1	-12·3	-11·4	- 9·1	- 6·3	- 5·1	- 3·7	- 2·6	- 9·3	- 9·8	- 8·2
1927	- 9·3	-10·5	-12·9	- 5·2	-17·2	- 6·8	- 9·8	- 2·9	+ 1·1	- 5·9	-10·7	-27·4	-10·7
1928	- 6·7	- 9·1	-27·1	-14·2	-15·5	- 7·7	-10·3	- 5·9	-12·7	- 3·1	+17·6	-11·3	- 8·9
1929	-24·6	-40·0	-26·1	-16·7	-22·9	-11·1	-12·7	-10·9	- 6·2	+ 3·3	- 6·3	+ 1·5	-14·4
1930	- 7·4	-32·3	-18·0	-16·3	-13·7	-16·6	+ 1·5	- 3·3	- 5·2	+ 6·9	+15·5	-13·7	- 8·5
1931	+ 4·4	-16·5	-22·8	-13·4	-13·1	-13·3	- 0·3	- 5·0	- 7·4	+ 3·2	-10·5	- 3·2	- 8·2
1932	- 9·6	-29·8	-21·9	- 7·7	- 9·8	-14·8	- 4·8	-11·9	- 0·8	+13·8	- 7·0	-15·6	-10·0
1933	-21·7	-12·4	-17·5	-22·2	-14·0	- 3·6	- 7·3	- 4·2	- 9·6	+ 5·9	- 5·6	-29·6	-11·8
1934	-12·8	-19·5	-16·7	-17·1	-16·2	-13·6	-10·8	- 5·9	- 7·7	+ 7·0	-11·4	- 7·5	-11·0
1935	- 7·3	+ 6·1	-22·6	- 0·7	-17·4	- 7·9	- 3·0	- 6·8	+ 8·9	+ 9·8	- 3·8	+ 2·2	- 3·6
1936	+ 0·6	-12·5	-22·3	- 9·9	-24·0	-17·1	- 9·6	-18·5	-15·4	+ 3·0	-13·0	- 6·7	-12·1

NETHERLANDS

TABLE B—*continued.*

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The mean values increase upwards; the unit is 1 centimetre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1862	-15	-25	-13	-13	-13	- 3	- 2	- 6	-18	- 6	-21	- 1	-11·5
1863	-11	-20	-19	-17	-19	-13	-11	- 7	- 6	-15	-19	- 1	-13·0
1864	-33	-18	-15	-25	-17	- 9	-10	- 7	- 6	-13	-16	-30	-16·5
1865	- 8	-19	-25	-23	- 9	-13	- 5	- 7	-15	- 3	-13	-25	-14·0
1866	- 9	0	-19	-18	-13	- 7	- 1	+ 3	+ 2	-21	+ 9	- 3	- 6·5
1867	- 9	- 7	-18	- 3	-11	- 9	+ 3	- 9	- 3	- 3	- 7	- 3	- 7·0
1868	-15	- 3	- 9	-12	-15	-10	- 5	- 3	- 7	+ 2	-12	0	- 7·5
1869	-27	+ 1	-19	-17	- 9	- 6	-11	- 6	+ 9	+ 7	+ 5	-12	- 7·0
1870	-20	-38	-13	-17	-15	-11	- 9	+ 3	-11	0	-12	-25	-14·0
1871	-34	-28	-21	- 9	-13	- 2	- 2	-11	- 5	-12	-15	-19	-14·5
1872	-25	-25	-15	- 9	- 9	-11	- 4	- 5	+ 6	- 7	- 8	-11	-10·5
1873	- 9	-26	-21	-13	- 7	- 3	- 3	- 3	+ 1	- 6	- 9	-19	-10·0
1874	-13	-23	-15	-15	-16	-11	- 8	- 3	- 2	- 5	-10	-17	-11·5
1875	-17	-31	-25	-21	-13	- 9	- 7	- 8	- 8	-18	- 1	-13	-14·0
1876	-31	- 9	+ 5	-15	-18	- 6	- 1	- 1	+ 3	- 7	- 9	-15	- 9·0
1877	+ 1	+ 6	- 9	-13	- 9	- 5	+ 3	+ 3	- 7	- 1	- 7	-13	- 4·5
1878	-15	-21	+ 3	-13	- 2	- 3	- 1	+ 1	- 1	-11	-11	-15	- 7·0
1879	-30	-11	-19	- 7	-13	- 2	+ 2	- 5	- 8	-12	- 7	-24	-11·0
1880	-24	-14	-23	-11	-13	- 4	- 7	- 9	- 8	+ 1	- 1	+ 6	- 9·0
1881	-18·2	-19·7	-16·2	-18·2	-19·7	-12·2	- 8·2	+ 3·8	- 8·2	- 7·7	- 8·2	- 9·7	-12·2
1882	-20·7	-17·2	-13·7	-21·2	-23·7	-12·2	-16·7	+ 2·3	-14·2	-12·2	+ 2·3	-14·2	-15·2
1883	-17·2	-25·2	-16·7	-27·2	-18·2	-21·7	-11·2	-15·2	-11·7	- 5·7	- 2·7	+ 1·8	-14·2
1884	- 2·0	-26·0	-27·0	-22·0	-20·0	-20·0	-17·0	-15·0	-13·0	0·0	-17·0	- 9·0	-16·0
1885	-22·0	-17·0	-26·0	-24·0	-12·0	-22·0	-27·0	-17·0	-10·0	- 2·0	-21·0	-12·0	-17·0
1886	-11·0	-33·0	-30·0	-30·0	-26·0	-17·0	-15·0	-14·0	-16·0	-16·0	-10·0	0·0	-18·0
1887	-34·0	-38·0	-33·0	-32·0	-28·0	-30·0	-27·0	-20·0	-20·0	- 9·0	-24·0	-17·0	-26·0
1888	-31·0	-39·0	-26·0	-34·0	-34·0	-29·0	-20·0	-25·0	-34·0	-24·0	-26·0	-30·0	-29·0
1889	-45·0	-18·0	-34·0	-32·0	-32·0	-30·0	-16·0	-16·0	- 9·0	-18·0	-16·0	-27·0	-24·0
1890	-13·0	-44·0	-20·0	-19·0	-20·0	-23·0	-16·0	-17·0	-29·0	- 6·0	-20·0	-42·0	-22·0
1891	-31·2	-42·6	-17·3	-35·0	-25·2	-28·6	-22·4	-20·2	-21·7	-19·8	-24·5	-13·5	-25·0
1892	-17·4	-23·5	-37·4	-30·1	-30·0	-25·8	-27·8	-24·0	-21·8	-14·0	-26·7	-20·0	-25·0
1893	-30·9	-16·2	-24·6	-37·5	-28·4	-27·3	-21·4	-21·7	-11·9	-11·2	-17·0	-19·4	-22·0
1894	-28·7	-18·7	-25·2	-24·2	-23·9	-23·8	-17·3	-13·4	-14·3	- 8·8	-12·5	+ 1·4	-17·0
1895	-20·4	-33·0	-20·8	-25·8	-25·5	-26·2	-13·6	-18·5	-20·6	- 2·5	-20·2	- 2·8	-19·0
1896	-24·2	-34·8	-13·0	-24·1	-29·1	-18·9	-18·7	-17·7	- 5·7	-16·3	-24·8	-25·6	-21·0
1897	-29·2	-26·5	-21·9	-30·3	-20·4	-22·5	-19·5	-16·5	-13·6	-25·1	-21·4	-30·3	-23·0
1898	-21·6	- 6·1	-27·7	-30·4	-19·4	-24·6	-21·8	-19·8	-22·3	-18·9	-20·3	- 5·2	-20·0
1899	- 6·6	-20·3	-21·8	-13·6	-23·3	-24·6	-18·7	-23·4	- 4·0	-22·2	-17·4	-32·3	-19·0
1900	-23·8	-25·5	-31·6	-32·2	-27·6	-24·2	-23·8	-22·8	-25·6	-10·3	-28·9	-17·7	-24·0
1901	-26·2	-34·8	-37·8	-28·5	-40·9	-31·4	-32·5	-24·3	-22·9	-17·4	-17·7	-19·5	-27·9
1902	-18·3	-43·6	-25·5	-37·3	-23·3	-30·1	-25·2	-26·0	-31·8	-24·8	-39·2	-28·3	-29·4
1903	-23·2	-20·1	-21·1	-12·9	-20·0	-30·0	- 7·4	- 5·9	-13·7	- 0·6	- 0·3	-23·2	-14·9
1904	-20·4	- 9·5	-27·4	-17·6	-20·1	-18·2	-19·2	-15·0	-24·1	-12·6	- 1·0	- 7·7	-16·1
1905	-18·4	-19·9	-27·1	-20·5	-29·0	-19·7	-20·7	-11·1	-16·0	+ 1·2	-23·0	-24·0	-19·0
1906	-12·9	-19·0	-16·7	-31·9	-21·5	-22·7	-20·3	-18·3	-24·0	-14·4	-10·8	- 6·2	-18·2
1907	-22·1	-24·2	-24·4	-21·8	-18·5	-13·2	-17·6	-10·3	-18·4	-11·4	-12·3	-13·3	-17·3
1908	-15·5	- 7·5	-28·0	-21·1	-19·6	-19·1	-15·6	- 8·3	-13·2	-25·3	-11·8	-22·7	-17·3
1909	-14·1	-22·6	-16·6	-21·5	-29·7	-21·1	- 9·1	-14·0	-17·2	- 3·3	- 6·9	- 2·6	-14·9
1910	+ 0·6	-12·9	-30·2	-18·0	-17·6	-15·0	-11·5	-20·0	-18·0	-21·9	+ 3·3	- 7·7	-14·1
1911	-26·0	-11·8	-23·6	-19·4	-20·9	-21·6	-24·4	-16·4	-11·8	-11·4	-11·8	-14·5	-17·8
1912	-28·0	-10·1	-12·2	-22·0	-22·0	-18·6	-22·4	- 2·0	-11·2	- 5·4	+ 2·4	+ 2·7	-12·4
1913	-21·7	-21·4	-10·5	-17·0	-21·0	-14·3	-15·4	-16·0	-19·3	- 8·4	+ 9·9	- 1·5	-13·0
1914	-23·8	-14·5	- 8·8	-25·9	-22·7	-20·3	-12·5	-22·0	- 4·4	-17·8	- 8·2	- 3·8	-15·4
1915	- 2·6	-23·0	-18·3	-26·6	-23·7	-24·8	-15·5	-16·9	-21·6	-30·4	- 8·9	- 8·1	-18·4
1916	- 1·7	-15·7	-20·0	-21·3	-23·4	-15·9	-22·4	- 9·5	- 9·0	- 7·9	-16·3	- 2·6	-13·8
1917	-22·3	-28·6	-20·6	-17·8	-24·3	-20·6	-16·6	- 9·2	-10·6	+ 4·6	- 2·1	-15·5	-15·3
1918	- 5·8	-19·0	-32·1	-21·5	-26·6	-21·8	-19·9	-19·7	- 3·6	-22·8	-28·3	- 8·3	-19·1
1919	-32·8	-25·8	-22·5	-24·5	-34·4	-17·1	-19·8	-17·5	-18·5	-18·0	-19·5	-11·0	-21·8

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TABLE B—*continued.*

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Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1920	-12·6	-22·4	-27·9	-19·1	-31·9	-26·1	-20·6	-18·4	-22·2	-31·6	-30·2	-26·0	-24·1
1921	- 0·4	-31·6	-21·7	-28·0	-26·0	-19·4	-20·2	-15·3	-20·1	- 6·4	-16·4	- 4·0	-17·5
1922	-18·0	-25·4	-19·5	-19·0	-24·7	-15·6	-12·8	-14·3	-10·8	-24·7	- 4·2	- 6·0	-16·2
1923	-14·0	-21·6	-28·8	-22·3	-16·4	-15·1	-13·1	- 9·1	-13·6	+ 2·3	- 7·5	-11·2	-14·2
1924	-22·7	-17·2	-18·6	-18·1	-17·8	-19·2	-12·2	- 9·5	- 8·6	-10·4	-20·5	-16·2	-15·9
1925	-11·6	-13·1	-23·9	-21·7	-18·6	-15·6	-15·9	-14·2	- 2·4	-10·0	- 6·4	+ 6·6	-12·2
1926	-17·3	-14·2	-15·2	-17·8	-18·0	-16·5	-13·6	-13·5	- 8·4	- 4·2	-11·2	-14·0	-13·7
1927	-11·7	-21·8	-15·4	- 8·4	-19·8	- 8·2	-11·6	- 5·4	- 2·0	- 9·2	-10·9	-26·2	-12·6
1928	- 9·5	-11·8	-27·8	-16·4	-18·4	-11·4	-14·4	-10·6	-15·7	- 6·5	+11·9	-15·7	-12·2
1929	-26·9	-41·1	-27·8	-19·5	-24·7	-15·7	-16·1	-14·9	-11·1	- 2·8	- 8·6	- 0·8	-17·5
1930	- 9·8	-32·5	-19·4	-17·6	-15·5	-18·1	- 0·3	- 3·1	- 4·6	+ 2·5	+ 9·4	-16·8	-10·5
1931	+ 1·5	-15·6	-23·7	-13·9	-14·3	-14·1	- 2·3	- 7·5	-11·5	- 1·4	-14·1	- 7·8	-10·4
1932	-10·5	-32·0	-24·8	- 9·5	-11·6	-16·6	- 7·2	-13·9	- 3·4	+10·1	- 9·0	-18·5	-12·2
1933	-22·6	-17·0	-17·5	-21·6	-14·5	- 6·3	-10·4	- 7·3	-10·9	+ 3·1	- 8·6	-29·8	-13·6
1934	-12·3	-20·6	-18·0	-18·2	-19·0	-16·7	-14·1	- 8·2	-10·1	+ 3·0	-15·2	- 9·7	-13·3
1935	-13·4	- 1·7	-28·8	- 8·5	-24·6	-15·0	-10·6	-13·2	0·0	+ 3·2	- 7·5	- 3·6	-10·3
1936	+ 4·5	-10·5	-18·6	- 9·0	-20·3	-12·8	- 5·0	-11·7	- 7·0	+ 5·9	- 7·6	- 5·0	- 8·1

BELGIUM

§ 1. *Authorities.*

1. L'Administration de la Marine, Bruxelles.
2. L'Administration des Ponts et Chaussées, Bruxelles.
3. Liverpool Observatory and Tidal Institute.

§ 2. *Apparatus.*

1. Recording gauge.
   a. by Parenthou.

§ 3. *Datums.*

The datums are local and are as follows:—

Antwerpen (Anvers). "Le busc de l'écluse du Kattendijk."

Ostende. "Le côté ouest du busc de la tête aval de l'écluse des anciens bassins du commerce."

BELGIUM

TABLE A: Stations, Authorities and Conditions

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums, § 3		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
			§ 1	§ 1	§ 1	§ 2	1:	cm./hr.	p.10		cm.		
Antwerpen (Anvers)	51° 14′ N.	4° 25′ E.	2	2	3	1*a*	..	..	1	..	297·8	1926	..
Ostende	51 14 „	2 55 „	1	1	1	1	20	3·0	1*a*	..	148	..	1925–7

TABLE B: Monthly and Annual Mean Heights of Sea-Level

ANTWERPEN (ANVERS). The mean values increase upwards; the unit is 1 centimetre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1926	256·8	264·3	267·1	261·4	261·1	262·4	270·1	268·4	271·0	273·4	262·3	263·7	265·2

TABLE C: Annual Mean Heights of Sea-Level

The mean values increase upwards; the unit is 1 centimetre

Station	Year	Annual Mean Height
Ostende	1925	230·6
	1926	230·6
	1927	228·2

BRITISH ISLES

§ 1. *Authorities.*

1. Ordnance Survey, Southampton.
   a. The second geodetic levelling of England and Wales, 1912–1921, 1921.
2. Hydrographic Department of Admiralty, London.
3. Liverpool Observatory and Tidal Institute.
4. Port of London Authority.
5. Mersey Docks and Harbour Board.
6. Southampton Harbour Board.
7. Port of Bristol Authority.
8. Harwich Harbour Conservancy Board.
9. Dover Harbour Board.
10. Aberdeen Harbour Commissioners.
11. Dundee Harbour Trust.
12. Londonderry Port and Harbour Commissioners.
13. London and North-Eastern Railway Company.
14. Professor D'Arcy W. Thompson.
    a. "On mean sea-level and its fluctuations." Fishery Board, Scotland, Sci. Invest. IV. (Edinburgh, 1914.)
15. Mr E. Roberts.
    a. "Re-reduction of Dover tidal observations." Proc. Royal Society (A), vol. 88, pp. 230–233. (London, 1913.)
    b. British Assoc. Advan. Science. Reports, 1870, 1871, 1872, 1876.
16. Conseil permanent international pour l'exploration de la mer (Copenhague). Bulletin hydrographique, 1928–1936.
17. F. W. Beechey: Phil. Trans. Roy. Soc. (1). (London, 1848.)

§ 2. *Apparatus.*

1. Recording gauge constructed by
   a. Bailey.
   b. Cary-Porter, London.
   c. Légé, London.
   d. Negretti and Zambra.
2. Pole.

BRITISH ISLES

§ 3. *Datums.*

The standard surface of the British system of precision levelling is the *Ordnance Datum.* For Great Britain there have been two determinations of this, the first based on sea-level observations at Liverpool during 1844 and the second on sea-level observations at Newlyn during 1915–1921. In the present volume all references are to the First Ordnance Datum.

For Ireland, Ordnance Datum is 80·90 feet below a bench-mark on the base course under the south window of Poolbeg Lighthouse.

The bench-marks and the local datums are as follows:—

Aberdeen (1862–1913). Sill of the entrance lock to the Victoria Dock.

Dundee. Sill of the entrance lock to King William's Dock.

Dunbar. Tidal Observatory fundamental bench-mark.

Immingham. Sill of the Immingham Dock.

Felixstowe. Tidal Observatory fundamental bench-mark.

Southampton. Ordnance bench-mark at south-east corner of French Street.

Portland. Plinth of the Engineer's office at the Camber.

Newlyn. Tidal Observatory fundamental bench-mark.

Avonmouth. Sill of the Royal Edward Dock.

Liverpool. "Old Dock Sill," now represented by a bench-mark on the river front of the wall of the Canning Dock.

BRITISH ISLES

TABLE A: Stations, Authorities and Conditions

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations: Height Ratio	Apparatus for Observations: Time Scale	Methods of Reduction	Datums, § 3: Levelling System	Datums, § 3: Bench Marks	Periods: Table B	Periods: Table C
			§ 1	§ 1	§ 1	§ 2	1:	p. 10	ft.	ft.		
Aberdeen	57° 09′ N.	2° 05′ W.	14*a* 3	10	14 3	2	..	5	-14·62	0·0	1862–1913 1930–1	..
Dundee	56 27 ,,	2 58 ,,	14*a*	11	14	2	..	5	- 9·74	0·0	1897–1912	..
Dunbar	56 00 ,,	2 31 ,,	1, 1*a*, 16	1	1, 3	1*b*	..	1	-12·241	-25·000	1913–36	..
West Hartlepool	54 41 ,,	1 11 E.	15*b*	..	15	..	..	..	..	..	..	1858–60
Immingham	53 37 ,,	0 11 W.	3	13	3	1	..	1*a*	- 9·25	26·75	1926	..
Felixstowe	51 56 ,,	1 19 E.	1, 1*a*, 16	1, 8	1, 3	1*b*	..	1	-11·799	-25·000	1917–36	..
Southend	51 31 ,,	0 45 ,,	3	4	3	1*b*	..	1*a*	- 7·47	..	1925	..
London Bridge	51 30 ,,	0 05 ,,	3	4	3	1*b*	..	1*a*	- 8·47	..	1925	..
Dover	51 07 ,,	1 19 ,,	15*a*	9	15	1	..	1	- 8·67	..	..	1883, 1884, 1910
Nab Tower	50 40 ,,	0 57 W.	3	2	3	1	..	1*a*	..	..	1934–5	..
Portsmouth	50 48 ,,	1 07 ,,	3	2	3	1	..	1*a*	- 6·17	..	1930	..
Southampton	50 54 ,,	1 23 ,,	3	6	3	1*b*	..	1*a*	- 6·75	-22·05	1924	..
Portland	50 34 ,,	2 26 ,,	15*b*, 3	2	15, 3	1	..	1*a*	- 2·08	-17·30	1923–4	1851, 1857, 1866, 1870
Newlyn	50 06 ,,	5 33 ,,	1, 1*a*, 16	1	1, 3	1*b*	..	1	- 9·01	-25·000	1915–36	..
Avonmouth	51 30 ,,	2 43 ,,	3, 7	7	3, 7	1*c*	..	5	-19·83	3·75	1924–36	..
Milford Haven	51 42 ,,	4 57 ,,	14*a*	2	14	1	..	5	..	..	1886–92	..
Holyhead	53 19 ,,	4 37 ,,	17	..	..	..	..	..	- 8·58	..	1838–9, 1846–7	..
Hilbre Is.	53 23 ,,	3 13 ,,	15*b*	5	15	1*a*	12	·083	..	-10·00	..	1858–67
Liverpool	53 25 ,,	3 00 ,,	15*b* 3	5	15 3	1*a*	12	·083	1*a* -14·67	-10·00	1918, 1920, 1924, 1930, 1934–6	1857–9, 1866–9
Stornoway	58 12 ,,	6 23 ,,	3	2	3	1	..	..	1*a* -10·10	..	1928–9	..
Londonderry	55 00 ,,	7 19 ,,	3	12	3	1*d*	12	·062	1*a* 4·33	..	1935–6	..

TABLE B: Monthly and Annual Mean Heights of Sea-Level

ABERDEEN. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1862	15·91	15·66	15·60	15·48	15·46	15·75	15·74	15·62	15·39	16·27	15·83	16·20	15·74
1863	16·12	15·74	15·46	15·48	15·25	15·50	15·32	15·63	15·93	16·03	15·99	16·18	15·72
1864	15·82	15·77	15·55	15·12	15·14	15·41	15·40	15·40	15·85	15·74	16·09	16·03	15·61
1865	16·21	15·62	15·19	15·15	15·51	15·09	15·47	15·49	15·51	15·97	16·18	16·27	15·64
1866	16·27	15·98	15·54	15·39	15·30	15·43	15·52	15·77	16·06	15·53	16·10	16·25	15·76
1867	15·83	16·06	15·45	15·65	15·24	15·30	15·55	15·61	15·75	15·86	15·95	15·92	15·68
1868	15·94	16·07	15·57	15·30	15·48	15·40	15·32	15·63	15·57	15·88	15·80	16·65	15·72
1869	15·90	16·19	15·06	15·28	15·26	15·20	15·45	15·35	16·05	15·82	16·07	15·84	15·62
1870	15·68	15·54	15·35	15·37	15·34	15·23	15·40	15·34	15·58	16·06	15·87	16·01	15·56
1871	15·48	15·66	15·60	15·34	15·22	15·23	15·68	15·59	15·58	15·97	15·77	15·89	15·58
1872	16·16	15·82	15·70	15·48	15·42	15·41	15·49	15·51	15·87	15·97	16·27	16·10	15·76

TABLE B—*continued.*

ABERDEEN—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1873	16·40	15·29	15·14	15·06	15·25	15·46	15·83	15·65	15·67	15·95	15·97	16·24	15·66
1874	16·11	15·60	15·45	15·37	14·99	15·25	15·50	15·65	15·90	16·18	15·95	15·83	15·65
1875	15·96	15·25	15·22	15·26	15·21	15·28	15·33	15·45	15·60	15·84	15·83	15·87	15·51
1876	15·47	15·70	15·99	15·39	15·04	15·47	15·59	15·62	15·67	15·97	16·04	16·40	15·70
1877	16·21	15·81	15·46	15·37	15·47	15·69	15·78	15·91	15·54	15·94	16·45	15·90	15·79
1878	15·53	15·58	15·42	15·33	15·69	15·57	15·46	15·64	15·90	16·05	15·64	15·61	15·62
1879	15·58	15·62	15·36	15·55	15·21	15·72	15·70	15·76	15·74	15·61	15·55	15·84	15·60
1880	15·52	15·96	15·28	15·41	15·16	15·36	15·47	15·45	15·68	15·61	16·07	16·00	15·58
1881	15·49	15·19	15·50	15·29	15·26	15·95	15·64	15·88	15·61	15·86	16·40	15·98	15·67
1882	15·68	15·70	15·81	15·29	15·34	15·47	15·70	15·54	15·59	15·83	16·01	15·86	15·65
1883	15·88	15·76	15·23	15·27	15·38	15·29	15·58	15·57	15·67	15·85	16·09	15·72	15·68
1884	15·92	15·71	15·47	15·30	15·36	15·23	15·39	15·54	15·59	15·71	15·58	15·94	15·56
1885	15·51	16·00	15·16	15·27	15·54	15·30	15·24	15·37	15·79	15·70	15·74	15·79	15·53
1886	15·58	15·06	15·39	15·19	15·21	15·37	15·55	15·53	15·69	15·76	15·84	15·83	15·50
1887	15·74	15·44	15·34	15·19	15·21	15·22	15·61	15·60	15·61	15·60	15·74	15·79	15·51
1888	15·48	14·92	15·21	15·10	15·24	15·16	15·50	15·55	15·28	15·56	16·01	15·99	15·42
1889	15·48	15·26	15·39	15·49	15·27	15·24	15·32	15·69	15·50	15·64	15·65	15·65	15·46
1890	16·24	15·09	15·70	15·43	15·38	15·45	15·57	15·51	15·59	15·82	15·78	15·47	15·59
1891	15·52	15·20	15·55	15·06	15·24	15·14	15·44	15·68	15·91	16·06	15·85	16·06	15·56
1892	15·72	15·36	15·27	15·17	15·34	15·35	15·33	15·56	15·66	15·74	15·76	15·64	15·49
1893	15·47	15·83	15·53	15·07	15·27	15·31	15·39	15·55	15·81	15·91	15·68	15·88	15·56
1894	15·89	15·71	15·49	15·34	15·20	15·32	15·53	15·54	15·28	15·57	16·12	16·01	15·58
1895	15·20	15·17	15·52	15·38	15·01	15·16	15·53	15·62	15·57	15·75	15·86	15·88	15·47
1896	15·46	15·32	15·52	15·20	14·93	15·31	15·37	15·29	15·78	15·53	15·51	15·85	15·42
1897	15·35	15·50	15·51	15·24	15·34	15·29	15·43	15·67	15·54	15·55	15·70	15·80	15·49
1898	15·85	15·70	15·33	15·43	15·41	15·27	15·33	15·54	15·52	15·81	15·71	16·11	15·58
1899	15·88	15·75	15·45	15·54	15·24	15·25	15·45	15·45	15·84	15·78	16·12	15·63	15·61
1900	15·67	15·80	15·11	15·33	15·46	15·39	15·52	15·49	15·53	15·87	15·76	16·33	15·60
1901	15·83	15·10	15·32	15·51	14·99	15·28	15·21	15·47	15·71	15·74	15·69	15·81	15·47
1902	15·77	15·35	15·55	15·28	15·21	15·19	15·40	15·45	15·40	15·67	15·84	15·91	15·50
1903	15·52	16·17	16·04	15·51	15·37	15·16	15·59	15·82	15·66	16·19	15·93	15·81	15·73
1904	15·82	15·77	15·30	15·60	15·35	15·40	15·49	15·58	15·45	15·72	15·73	15·91	15·60
1905	15·81	15·75	15·35	15·64	15·52	15·46	15·49	15·64	15·66	15·56	15·82	15·83	15·63
1906	15·76	15·64	15·47	15·41	15·14	15·36	15·50	15·59	15·36	15·94	15·99	15·74	15·58
1907	15·41	15·50	15·24	15·38	15·41	15·66	15·36	15·71	15·53	15·88	15·75	15·98	15·57
1908	15·88	15·49	15·15	15·06	15·42	15·33	15·38	15·60	15·65	15·68	16·00	15·89	15·54
1909	15·83	15·47	15·54	15·53	15·27	15·24	15·69	15·64	15·32	16·12	15·85	15·99	15·62
1910	16·05	15·97	15·31	15·41	15·39	15·44	15·51	15·57	15·38	15·52	15·88	16·09	15·63
1911	15·48	15·75	15·29	15·51	15·42	15·48	15·44	15·64	15·77	15·62	16·03	16·25	15·64
1912	15·86	16·18	15·93	15·25	15·53	15·71	15·49	15·80	15·60	15·95	15·90	16·39	15·80
1913	15·93	15·69	16·01	15·55	15·54	15·56	15·46	15·48	15·50	15·99	16·60	15·93	15·77
1930	..	..	..	..	..	9·569	9·645	9·843	9·792	10·301	10·269	9·946	..
1931	9·800	9·502	9·395	9·512	9·579	..	..	..	..	..	..	..	..

DUNDEE. The mean values increase upwards; the unit is 1 foot.

1897	10·28	10·27	10·34	10·11	10·08	10·15	10·28	10·46	10·42	10·50	10·57	10·77	10·35
1898	10·66	10·52	10·10	10·21	10·21	10·15	10·11	10·32	10·45	10·86	10·72	11·04	10·45
1899	10·892	10·60	10·245	10·32	10·00	10·14	10·17	10·34	10·70	10·67	11·10	10·56	10·48
1900	10·59	10·53	9·96	9·93	10·12	10·13	10·28	10·24	10·30	10·81	10·92	10·81	10·37
1901	10·70	9·87	10·07	10·20	9·76	10·17	10·04	10·21	10·65	10·66	10·66	10·62	10·30
1902	10·63	10·23	10·27	10·05	9·88	9·98	10·14	10·15	10·26	10·62	10·76	10·85	10·32
1903	10·88	10·88	10·80	10·27	10·13	9·99	10·37	10·59	10·58	11·09	10·75	10·74	10·59
1904	10·60	10·67	10·16	10·26	10·14	10·02	10·26	10·33	10·41	10·56	10·51	10·74	10·39
1905	10·615	10·23	10·295	10·165	9·79	10·14	10·185	10·385	10·43	10·355	10·715	10·705	10·33
1906	10·805	10·16	10·19	9·73	10·01	9·93	10·025	10·54	10·10	10·69	10·785	10·52	10·29
1907	10·12	10·20	9·955	10·13	10·145	10·35	10·075	10·365	10·285	10·72	10·615	10·89	10·32
1908	10·60	10·09	9·90	9·81	9·985	9·99	10·125	10·29	10·395	10·46	10·78	10·82	10·27
1909	10·60	10·29	10·395	10·21	9·92	9·95	10·235	10·315	10·08	10·83	10·605	10·885	10·36
1910	10·80	10·725	10·01	10 015	10·00	10·17	10·26	10·33	10·19	10·33	10·70	10·94	10·38
1911	10·26	10·47	10·06	10·21	10·15	10·23	10·08	10·39	10·48	10·47	10·90	11·14	10·40
1912	10·65	11·00	10·59	9·89	10·23	10·31	10·16	10·51	10·26	10·69	10·77	11·34	10·53

BRITISH ISLES

TABLE B—*continued.*

DUNBAR. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1913	..	..	..	..	12·855	12·895	12·948	12·920	12·933	13·424	13·831	13·236	..
1914	13·065	13·549	13·066	12·848	12·990	12·817	12·989	13·024	13·163	13·328	13·412	13·641	13·105
1915	13·250	13·050	12·870	12·688	12·626	12·794	13·041	12·986	12·956	12·858	13·188	13·187	12·958
1916	13·565	13·017	12·886	12·797	12·812	12·933	12·801	13·058	13·004	13·222	13·399	13·346	13·070
1917	12·850	12·750	12·824	12·599	12·617	12·830	12·866	13·137	13·136	13·227	13·186	12·834	12·905
1918	13·121	13·009	12·648	12·555	12·619	12·745	12·966	12·944	13·321	13·074	13·095	13·364	12·955
1919	12·907	12·957	12·764	12·698	12·546	12·919	12·802	13·101	13·148	12·940	13·041	13·115	12·911
1920	13·274	13·069	12·963	12·931	12·802	12·865	13·162	12·916	12·990	13·024	13·148	13·164	13·026
1921	13·548	12·769	13·104	12·590	12·815	12·733	12·908	12·949	13·020	13·228	13·067	13·423	..
1922	12·964	13·074	12·934	12·730	12·827	12·898	13·027	13·035	13·021	13·086	13·217	13·361	13·014
1923	13·004	13·002	12·625	12·796	12·838	12·787	12·983	13·083	13·086	13·526	13·211	13·001	12·995
1924	13·064	12·883	12·908	12·704	12·900	12·842	13·069	13·128	13·293	13·301	13·172	13·542	13·067
1925	13·317	13·298	12·565	12·827	12·973	12·862	12·912	13·111	13·164	13·268	13·252	13·504	13·087
1926	13·162	13·192	12·890	12·934	12·854	12·996	13·001	13·146	13·134	13·261	13·388	12·926	13·073
1927	13·153	12·864	13·041	12·897	12·679	12·983	12·962	13·217	13·245	13·236	13·266	13·063	13·050
1928	13·192	12·926	12·798	12·959	12·654	13·064	13·008	13·107	13·100	13·300	13·405	13·602	13·094
1929	12·697	12·638	12·769	12·687	12·831	12·992	13·015	13·074	13·205	13·373	13·491	13·510	13·025
1930	13·478	12·664	12·890	12·730	12·795	12·907	13·087	13·149	13·090	13·497	13·497	13·140	13·077
1931	13·074	12·703	12·739	12·825	12·871	12·949	13·238	13·005	12·903	13·333	13·438	13·209	13·025
1932	13·415	12·608	12·930	12·923	12·897	12·772	13·126	12·959	13·222	13·359	13·172	13·363	13·061
1933	13·058	13·005	12·989	12·795	12·808	12·900	13·018	13·113	12·999	13·215	13·038	12·900	12·985
1934	13·159	12·736	12·834	12·690	12·772	12·703	12·854	13·051	13·140	13·330	13·064	13·359	12·976
1935	12·812	13·281	12·641	12·808	12·474	12·956	12·939	12·926	13·258	13·359	13·386	13·195	13·002
1936	13·451	13·084	12·772	12·894	12·500	12·818	13·140	12·930	12·936	13·264	13·133	13·313	13·018

IMMINGHAM. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1926	11·083	11·135	11·048	11·134	11·155	11·395	11·218	11·248	11·553	11·641	11·569	11·336	11·296

FELIXSTOWE. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1917	..	..	..	..	..	..	13·529	13·462	13·568	13·650	13·636	13·575	..
1918	13·626	13·201	13·091	13·479	13·152	13·366	13·436	13·515	13·756	13·434	13·377	13·702	13·428
1919	13·121	13·506	13·447	13·328	13·098	13·510	13·538	13·597	13·688	13·634	13·635	13·481	13·465
1920	13·583	13·433	13·338	13·424	13·185	13·477	13·514	13·588	13·555	13·534	13·359	13·546	13·461
1921	13·864	13·298	13·379	13·333	13·282	13·442	13·362	13·562	13·544	13·833	13·554	13·836	..
1922	13·337	13·236	13·506	13·396	13·275	13·445	13·493	13·547	13·671	13·758	13·819	13·621	13·508
1923	13·480	13·108	13·177	13·340	13·389	13·445	13·479	13·537	13·466	13·873	13·662	13·557	13·459
1924	13·283	13·594	13·506	13·333	13·376	13·393	13·557	13·638	13·710	13·760	13·573	13·517	13·520
1925	13·568	13·418	13·354	13·329	13·391	13·596	13·473	13·661	13·815	13·745	13·986	14·005	13·611
1926	13·402	13·548	13·521	13·488	13·549	13·581	13·629	13·644	13·716	13·879	13·617	13·641	13·601
1927	13·426	12·999	13·450	13·563	13·421	13·570	13·596	13·708	13·741	13·648	13·985	13·333	13·536
1928	13·359	13·366	13·222	13·622	13·500	13·612	13·602	13·605	13·701	13·704	14·003	13·504	13·566
1929	13·300	12·949	13·471	13·369	13·294	13·550	13·743	14·048	..	14·094	13·963	13·789	..
1930	13·520	13·274	13·415	13·530	13·441	13·402	13·756	13·635	13·609	..	..	..	..
1931	..	13·133	13·382	13·412	13·445	13·438	13·674	13·776	13·665	13·950	13·550	13·648	..
1932	13·497	13·425	13·353	13·533	13·563	13·494	13·665	13·642	13·838	13·907	13·661	13·583	13·596
1933	13·402	13·527	13·569	13·405	13·550	13·648	13·550	13·730	13·809	13·687	13·546	13·409	13·569
1934	13·320	13·389	13·300	13·251	13·271	13·441	13·533	13·622	13·615	13·822	13·668	13·668	13·491
1935	13·569	13·717	13·205	13·530	13·386	13·409	13·645	13·583	13·773	13·815	13·665	13·819	13·592
1936	13·911	13·684	13·346	13·733	13·320	13·517	13·645	13·596	13·576	13·632	13·560	13·566	13·589

SOUTHEND. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1925	8·833	8·728	8·647	8·650	8·688	8·965	8·906	9·087	9·189	9·184	9·283	9·316	8·957

BRITISH ISLES

TABLE B—*continued.*

LONDON BRIDGE. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1925	11·089	10·702	10·877	10·648	10·667	10·920	10·660	10·854	10·838	10·900	11·243	11·029	10·869

NAB TOWER. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1934	..	..	..	..	..	..	..	..	..	..	10·523	10·923	..
1935	10·097	10·387	10·108	10·520	9·939	10·878	10·547	10·597	10·710	..	..	..	..

PORTSMOUTH. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1930	7·432	6·818	6·917	6·967	6·923	6·921	7·192	7·156	7·277	7·488	7·577	7·179	7·150

SOUTHAMPTON. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1924	8·177	7·818	7·816	7·484	7·815	7·799	7·883	7·994	8·196	8·060	7·807	8·012	7·901

PORTLAND. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1923	..	..	..	..	..	..	..	..	..	3·763	3·309	3·066	..
1924	3·261	2·966	3·302	2·998	3·142	3·056	3·318	3·323	3·440	..	..	..	..

NEWLYN. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1915	..	..	..	..	9·421	9·456	9·373	9·395	9·534	9·532	9·713	10·119	..
1916	9·355	9·394	9·846	9·138	9·490	9·324	9·098	9·540	9·333	9·713	9·891	9·806	9·494
1917	9·448	9·257	9·415	9·057	9·437	9·343	9·410	9·594	9·294	9·520	9·130	8·992	9·325
1918	9·642	9·063	9·215	9·252	9·150	9·056	9·396	9·277	9·677	9·318	9·570	9·565	9·398
1919	9·579	9·871	9·376	9·020	9·264	9·093	9·205	9·402	9·527	9·265	9·693	9·446	9·395
1920	9·439	9·228	9·258	9·588	9·257	9·372	9·370	9·211	9·341	9·935	9·684	9·631	9·443
1921	9·487	9·181	9·179	9·019	9·234	9·134	9·347	9·370	9·348	9·334	9·746	9·272	9·304
1922	9·521	9·548	9·443	9·439	9·102	9·211	9·278	9·277	9·407	9·672	9·333	9·571	9·401
1923	8·851	9·817	9·520	9·608	9·182	8·911	9·270	9·316	9·273	9·728	9·491	9·176	9·345
1924	9·624	9·249	9·713	9·247	9·492	9·261	9·447	9·417	9·642	9·754	9·705	9·766	9·526
1925	9·509	9·687	8·891	9·342	9·588	9·202	9·250	9·488	9·448	9·760	9·770	10·044	9·498
1926	9·821	9·853	9·176	9·494	9·508	9·463	9·410	9·473	9·448	9·802	10·208	9·039	9·558
1927	9·437	9·402	9·650	9·171	9·376	9·456	9·630	9·681	9·639	9·644	9·759	10·025	9·572
1928	9·409	9·262	9·839	9·774	9·465	9·655	9·301	9·603	9·508	9·806	9·705	9·406	9·560
1929	9·334	9·498	9·180	9·285	9·409	9·373	9·462	9·377	9·491	9·770	9·885	9·987	9·504
1930	9·938	9·380	9·682	9·527	9·337	9·416	9·547	9·577	9·541	9·819	9·898	9·662	9·613
1931	9·452	9·127	9·718	9·354	9·695	9·498	9·652	9·688	9·416	9·573	10·088	9·222	9·541
1932	9·600	9·094	9·534	9·472	9·524	9·482	9·554	9·547	9·751	9·826	9·659	9·888	9·577
1933	9·514	9·419	9·665	9·331	9·465	9·567	9·321	9·478	9·731	9·816	9·718	9·439	9·537
1934	9·301	8·747	9·436	9·590	9·216	9·278	9·406	9·478	9·646	9·445	9·567	10·298	9·452
1935	8·927	9·399	9·130	9·455	9·268	9·649	9·288	9·442	9·724	9·629	10·043	9·892	9·488
1936	10·341	10·233	9·852	9·603	9·442	9·527	9·632	9·249	9·534	9·491	9·586	9·524	9·669

AVONMOUTH. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1924	..	..	..	21·09	21·58	21·24	21·52	21·67	21·91	21·73	21·58	21·91	..
1925	21·62	22·47	20·69	21·31	21·60	20·91	21·37	21·41	21·64	21·73	21·47	21·99	21·52
1926	21·86	21·86	21·26	21·39	21·32	21·38	21·23	21·35	21·37	21·42	22·01	20·33	21·40
1927	21·65	21·33	21·67	21·03	21·09	21·33	21·34	21·73	21·51	21·55	21·43	20·31	21·33
1928	21·59	21·64	21·36	21·37	20·92	21·06	21·19	21·57	21·20	22·07	21·89	21·29	21·43
1929	20·86	21·05	20·81	20·91	21·22	21·31	21·37	21·31	21·27	21·91	22·17	22·65	21·40
1930	22·12	20·83	21·19	21·17	21·11	21·05	21·61	20·87	21·45	21·85	21·87	21·53	21·39
1931	21·49	21·26	21·03	21·27	21·37	21·23	21·49	21·31	21·02	21·17	21·91	21·44	21·33
1932	22·19	20·53	21·27	21·51	20·49	20·13	20·52	21·36	21·75	22·22	21·61	21·42	21·25
1933	21·11	21·19	21·88	21·01	21·17	21·31	21·33	21·44	21·36	21·67	21·28	20·73	21·29
1934	20·41	20·43	21·37	21·43	21·27	21·17	21·33	21·05	21·69	21·76	21·21	21·44	21·22
1935	20·95	21·90	21·07	21·61	20·91	21·65	21·30	20·28	22·18	22·15	22·09	21·83	21·49
1936	22·39	21·65	20·99	21·06	20·88	21·29	21·91	21·63	21·78	21·86	21·90	22·02	21·61

BRITISH ISLES

TABLE B—*continued.*

MILFORD HAVEN. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1886	12·14	11·77	12·09	12·06	12·12	12·02	12·25	12·45	12·20	12·45	12·34	12·54	12·21
1887	12·17	11·75	11·77	11·65	11·66	11·80	12·05	12·09	12·01	11·90	12·52	12·22	11·97
1888	11·84	11·46	12·03	11·78	11·84	11·98	12·25	12·18	11·83	12·06	12·62	12·67	12·05
1889	11·62	11·61	11·80	11·90	12·20	11·88	12·10	12·13	11·80	12·40	11·92	12·02	12·00
1890	12·47	11·70	11·87	11·97	12·26	11·96	11·99	12·15	12·05	11·89	12·16	12·04	12·04
1891	12·05	11·42	..	11·96	12·02	12·05	12·13	12·31	12·31	12·80	12·57	12·62	12·17
1892	12·22	12·23	12·04	11·84	12·12	12·12	11·92	12·20	11·97	12·37	12·50	12·20	12·15

HOLYHEAD, ANGLESEY. The mean values increase upwards; the unit is 1 foot.

1838	11·27	10·54	10·08	10·08	10·17	..	10·08	10·50	10·33	10·56	10·58	10·58	10·42
1839	10·50	10·25	10·17	9·83	9·75	10·08	10·13	9·83	10·58	10·28	10·21	11·17	10·23
1846	..	..	..	..	10·04	10·33	10·15	10·08	11·08	10·67	10·65	10·50	10·46
1847	10·58	9·83	10·33	9·92	9·98	9·98	9·90	9·90	10·27	10·83	10·81	10·02	10·27

LIVERPOOL. The mean values increase upwards; the unit is 1 foot.

1918	15·300	14·810	14·395	14·294	14·359	14·648	14·904	14·904	15·471	15·073	14·981	15·247	14·865
1920	15·572	15·008	15·048	14·987	15·053	14·710	14·915	14·791	14·852	15·009	15·226	14·888	15·005
1924	15·168	14·814	14·932	14·781	15·110	14·854	15·128	15·321	15·418	15·304	15·288	15·335	15·121
1930	15·714	14·382	14·806	14·588	14·742	14·768	15·125	15·166	15·047	15·626	15·558	15·170	15·058
1934	15·023	14·090	14·840	14·812	14·715	14·629	14·759	15·032	15·207	15·313	14·817	15·705	14·918
1935	14·391	15·263	14·480	14·927	14·346	14·972	14·682	14·854	15·377	15·422	15·539	15·323	14·959
1936	15·759	15·032	14·888	14·686	14·441	14·877	15·345	14·896	14·991	15·358	15·208	15·294	15·066

STORNOWAY. The mean values increase upwards; the unit is 1 foot.

1928	..	..	..	..	..	..	..	..	..	..	10·758	10·433	..
1929	10·036	10·505	10·054	9·872	10·181	10·248	10·318	10·355	10·449	10·682	..	..	..

LONDONDERRY. The mean values increase upwards; the unit is 1 foot.

1935	3·741	4·536	3·923	4·159	3·785	4·406	4·096	4·157	4·650	4·561	4·931	4·413	4·254
1936	5·146	4·800	4·396	4·076	3·882	4·058	4·335	4·118	4·279	4·362	4·333	..	(4·368)

( ), the enclosed mean values have been calculated from an incomplete series of observations.

BRITISH ISLES

TABLE C: ANNUAL MEAN HEIGHTS OF SEA-LEVEL

The mean values increase upwards; the unit is 1 foot

Station	Year	Annual Mean Height
West Hartlepool	1858	* 12·1518
	1859	* 11·9706
	1860	* 12·0056
Dover	1883	9·163
	1884	9·112
	1910	8·337
Portland	1851	7·0766
	1857	7·0054
	1866	7·1114
	1870	6·9860
Hilbre Island	1858	14·2778
	1859	14·4127
	1860	14·4489
	1861	14·4785
	1862	14·6454
	1863	14·4485
	1864	14·3848
	1865	14·4154
	1866	14·5269
	1867	14·4185
Liverpool	1857	* 14·7192
	1858	* 14·8208
	1859	* 14·8289
	1866	* 14·8998
	1867	* 15·0862
	1868	* 15·4877
	1869	* 15·1350

* Period starts in year stated, but ends in next.

FRANCE

§ 1. *Authorities.*

1. Le Service Central Hydrographique de la Marine, Paris.
2. Le Service du Nivellement général de la France, Paris.
3. Bouquet de la Grye: Note sur la stabilité de la côte de France. Comptes Rendus. (Paris, 1888.)

§ 2. *Apparatus.*

1. Recording gauge.
2. Médimarémètre.
3. Pole.

§ 3. *Datums.*

The standard surface of the French precision levelling system is the *Zéro du Nivellement général de la France.*

The individual bench-marks are as follows:—

Dunkerque. "Rivet scellé dans le tillac inférieur de la jetée Est (extrémité Nord—côté Est) près de l'ouverture d'accès au tube du médimarémètre."

Calais. "Rivet sur la margelle du puits des marégraphe et médimarémètre."

Boulogne. "Clou en bronze près du sommet du médimarémètre, sur le platelage de la jetée, Sud-Ouest."

Dieppe. "Boulon scellé sur le couronnement du massif d'appui du médimarémètre, jetée Est, face au chenal."

Le Havre. "Rivet scellé sur la margelle du puits du médimarémètre, près du sémaphore."

Ouistreham. "Rivet scellé sur le couronnement de la nouvelle écluse de Ouistreham à 0·25 m. du médimarémètre."

Cherbourg. "Crête de la margelle du puits du médimarémètre."

Camaret. "Rivet en bronze scellé à l'extrémité du môle de Camaret, près du sommet du médimarémètre."

Le Conquet. "Rivet scellé sur la parapet de la digue de 'La Pierre glissante.'"

Brest. "Rivet placé sur la tablette du quai près de l'échelle de marées."

Quiberon. "Rivet scellé à l'extrémité du musoir du nouveau Môle, près du médimarémètre."

Les Sables d'Olonne. "Rivet scellé sur la plate-forme du puits du médimarémètre (musoir de la jetée de la Chaume)."

La Pallice. "Rivet scellé près du médimarémètre."

Biarritz. "Rivet en bronze scellé sur la murette à l'origine de la digue du large, au dessus du médimarémètre."

St Jean de Luz. Port de Socoa: "Rivet scellé sur le couronnement du puits du marégraphe et du médimarémètre."

Port Vendres. "Rivet scellé sur le couronnement du puisard du médimarémètre."

Sète. "Repère en bronze scellé au bord du puits du médimarémètre (Môle St Louis)."

Port de Bouc. "Boulon scellé au mur de clôture des chantiers de Provence à l'intérieur du poste du médimarémètre."

Martigues. "Clou en cuivre scellé sur le couronnement en pierre de taille du puits du médimarémètre."

Marseille (Port Vieux). "Rivet scellé à l'angle Est d'un des piliers de la galerie du bâtiment du port (Port vieux)."

Marseille (Marégraphe). "Rivet en bronze fixé au centre d'une dalle cylindrique en granit scellée dans le sol au milieu de la chambre inférieure du Marégraphe (Repère fondamental)."

La Ciotat. "Repère scellé sur le Bureau du Port parement intérieur au-dessus du médimarémètre."

Villefranche-sur-Mer. "Rivet scellé sur le dallage et contre le puisard du médimarémètre."

Nice. "Rivet en cuivre scellé près du médimarémètre."

FRANCE

TABLE A: Stations, Authorities and Conditions

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums, § 3		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
			§ 1	§ 1	§ 1	§ 2	1:	cm./hr.	p. 10	cm	cm.		
Dunkerque .	51° 03′ N.	2° 22′ E.	2	2	2	2	..	..	2*b*	0·0	−570·7	..	1923–36
Calais . .	50 58 ,,	1 51 ,,	2	2	2	2	..	..	2*b*	0·0	−535·5	..	1932–6
Boulogne .	50 44 ,,	1 35 ,,	2	2	2	2	..	..	2*b*	0·0	−693·5	..	1933–6
Dieppe	49 56 ,,	1 05 ,,	2	2	2	2	..	..	2*b*	0·0	−771·5	..	1936
Le Havre .	49 29 ,,	0 06 ,,	3	2	2	2	..	..	2*b*	0·0	−602·4	..	1860–3, 1870–86
			2										1931–6
Ouistreham .	49 17 ,,	0 15 W.	2	2	2	2	..	..	2*b*	0·0	−460·6	..	1932–6
Cherbourg .	49 39 ,,	1 37 ,,	3	2	2	2	..	..	2*b*	0·0	−490·3	..	1860–84
			2										1891–1936
Le Conquet	48 22 ,,	4 47 ,,	2	2	2	2	..	..	2*b*	0·0	−561·2	..	1928–36
Brest . .	48 23 ,,	4 29 ,,	1	1	1	3	..	..	5	−445·2	−839·8	1807–35	..
						1	10	6·0	1			1846–56, 1861–1936	
Camaret .	48 16 ,,	4 36 ,,	2	2	2	2	..	..	2*b*	0·0	..	..	1890–1927
Quiberon .	47 29 ,,	3 06 ,,	2	2	2	2	..	..	2*b*	0·0	..	..	1889–1917
Les Sables d'Olonne	46 30 ,,	1 47 ,,	2	2	2	2	..	..	2*b*	0·0	−431·2	..	1892–3, 1896–1910, 1912–21, 1923–36
La Pallice .	46 10 ,,	1 13 ,,	2	2	2	2	..	..	2*b*	0·0	..	..	1891–5, 1911–33
Biarritz .	43 29 ,,	1 34 ,,	2	2	2	2	..	..	2*b*	0·0	−920·0	..	1889–1904, 1906–23, 1925–36
St. Jean-de-Luz	43 24 ,,	1 41 ,,	2	2	2	2	..	..	2*b*	0·0	−545·3	..	1890–1928
Port Vendres .	42 31 ,,	3 07 E.	2	2	2	2	..	..	2*b*	0·0	−131·3	..	1932–6
Sète . .	43 24 ,,	3 42 ,,	2	2	2	2	..	..	2*b*	0·0	−144·4	..	1888–1936
Port-de-Bouc	43 24 ,,	4 59 ,,	2	2	2	2	..	..	2*b*	0·0	−183·7	..	1888–1933
Martigues .	43 24 ,,	5 03 ,,	2	2	2	2	..	..	2*b*	0·0	−182·1	..	1894–1908, 1910–36
Marseille (Port Vieux)	43 18 ,,	5 21 ,,	2	2	2	2	..	..	2*b*	0·0	− 89·2	..	1894–1936
Marseille (Marégraphe)	43 18 ,,	5 21 ,,	2	2	2	1	..	..	2*a*	0·0	−166·0	1885–1936	1890–1936
La Ciotat .	43 10 ,,	5 37 ,,	2	2	2	2	..	..	2*b*	0·0	−165·9	..	1893–1936
Nice . .	43 41 ,,	7 17 ,,	2	2	2	2	..	..	2*b*	0·0	..	..	1888–1909
Villefranche-sur-Mer	43 42 ,,	7 20 ,,	2	2	2	2	..	..	2*b*	0·0	−112·1	..	1913–33

FRANCE

TABLE B: Monthly and Annual Mean Heights of Sea-Level

BREST. The mean values increase upwards; the unit is 1 centimetre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1807	442·28	444·95	441·38	447·10	456·06	447·04	451·37	456·91	451·86	451·27	458·38	437·33	448·83
1808	435·62	420·75	431·40	429·47	442·23	434·68	442·78	444·29	446·44	442·84	447·95	443·88	438·57
1809	462·44	456·88	431·42	429·46	441·02	447·33	444·76	452·08	458·52	448·20	444·26	451·11	~~446·46~~ 447·29
1810	437·55	436·92	455·63	444·91	450·07	440·27	447·08	447·68	445·68	453·37	464·96	433·06	446·43
1811	441·02	464·02	438·43	459·11	458·01	448·68	439·88	444·79	450·14	465·29	437·77	447·08	~~446·10~~ 449·52
1812	443·46	453·15	442·55	443·16	449·85	446·59	442·25	446·59	446·54	466·01	456·24	452·89	449·11
1813	435·20	444·33	423·13	434·04	447·70	440·34	447·99	436·57	446·39	465·64	454·79	455·48	444·30
1814	459·20	433·06	442·37	444·23	443·65	436·92	442·90	438·94	447·18	453·43	451·13	458·95	446·00
1815	441·11	443·48	446·67	432·89	438·11	445·96	436·29	441·81	450·94	460·80	447·66	446·76	444·37
1816	445·61	442·43	442·16	448·08	440·48	433·98	451·95	447·05	451·32	458·70	457·00	453·23	447·67
1817	451·47	429·12	436·10	425·85	446·39	443·35	447·34	454·42	454·28	456·26	454·27	455·43	446·19
1818	444·87	418·98	442·87	454·97	448·81	443·03	442·02	444·60	450·02	457·10	459·18	443·21	448·30
1819	453·33	447·30	433·11	448·08	446·42	440·13	440·39	435·02	446·75	453·20	453·97	453·47	445·93
1820	447·23	441·17	430·43	434·99	443·45	432·37	439·71	446·24	438·70	456·15	452·99	449·25	442·72
1821	455·05	433·84	450·52	443·68	435·83	436·55	446·11	443·58	448·45	450·36	461·58	476·64	448·52
1822	433·26	437·28	435·28	442·68	440·40	441·98	448·53	448·72	455·52	470·54	460·72	440·82	446·31
1823	459·47	459·58	435·26	438·89	442·89	439·70	445·21	447·98	444·54	458·24	444·04	446·01	446·79
1824	433·36	450·25	433·27	425·06	441·82	446·81	441·22	443·26	452·05	465·09	457·54	448·84	444·88
1825	431·18	429·80	438·34	440·16	445·59	442·07	440·12	446·52	456·51	447·35	446·39	461·79	443·82
1826	442·13	444·79	442·34	428·69	437·33	433·30	442·46	448·03	454·39	449·91	443·41	440·77	442·30
1827	431·84	431·79	437·46	435·09	442·19	439·72	436·64	440·51	444·29	460·48	446·13	451·10	~~448·44~~ 441·4
1828	453·53	447·73	438·32	443·26	448·68	443·11	454·22	449·32	456·29	449·75	458·11	449·68	449·34
1829	445·34	437·98	452·39	459·61	437·63	438·62	450·95	442·92	452·48	439·02	445·11	441·11	445·27
1830	434·02	435·32	430·43	445·41	443·50	442·85	444·43	449·16	448·17	439·77	459·44	454·00	443·87
1831	454·04	443·80	444·19	455·59	453·23	445·37	443·77	446·44	448·66	460·08	446·54	456·29	449·83
1832	445·45	438·90	428·83	435·41	439·33	445·59	441·16	446·42	442·41	444·68	448·62	440·05	441·40
1833	437·42	452·70	439·85	440·78	435·01	443·24	440·04	444·15	445·24	456·38	449·005	447·695	444·29
1834	454·59	432·76	432·10	434·485	443·60	438·88	442·79	449·67	448·44	444·93	451·39	433·515	442·26
1835	437·66	431·67	427·43	428·49	437·44	435·46	438·59	442·64	458·47	458·57	456·85	441·04	441·19
1846	461·38	447·37	450·68	456·04	445·98	448·67	447·79	444·45	448·36	458·21	455·58	448·53	451·09
1847	458·16	460·80	447·35	443·79	449·19	444·08	441·08	438·61	437·65	454·20	449·72	454·69	448·28
1848	449·12	449·23	446·94	450·18	440·40	456·06	446·38	447·09	451·04	464·03	452·59	464·44	451·46
1849	451·18	435·42	438·11	452·66	448·85	445·76	445·78	446·35	451·71	462·63	458·48	454·38	449·28
1850	446·32	439·67	437·97	458·31	450·87	444·55	445·30	439·72	445·38	446·40	449·58	447·87	446·00
1851	458·93	444·97	446·35	448·04	436·52	441·10	445·62	440·98	440·17	452·79	443·60	439·34	444·87
1852	452·23	429·25	439·39	444·09	443·89	459·04	445·68	454·36	452·55	459·35	477·44	471·75	452·42
1853	465·90	451·94	445·32	444·61	446·76	446·18	446·36	447·16	442·68	465·43	454·81	458·56	451·32
1854	459·84	428·41	430·97	436·84	446·21	444·91	445·19	439·68	440·81	453·67	449·68	435·09	442·61
1855	437·20	457·23	451·55	434·63	445·00	438·85	447·63	443·82	444·70	462·08	451·09	455·17	447·42
1856	468·87	446·38	446·60	452·52	449·59	439·39	443·83	452·83	456·40	454·35	449·61	458·89	451·56
1861	446·21	459·36	442·59	436·69	436·90	444·71	452·72	441·81	448·94	456·76	460·21	445·10	447·66
1862	449·46	447·70	461·74	444·19	448·55	446·83	448·03	446·43	444·23	453·27	448·01	445·52	448·77
1863	453·78	436·07	444·16	439·02	442·73	443·38	439·68	445·57	448·74	452·16	451·35	451·14	445·65
1864	444·26	445·41	443·20	441·11	444·88	440·59	440·92	440·50	447·39	462·61	460·78	449·21	446·76
1865	457·65	449·25	438·63	442·03	454·35	439·04	445·03	447·48	441·08	468·00	460·99	447·66	449·27
1866	449·03	450·08	457·51	451·05	448·22	447·92	445·57	448·80	457·21	449·95	447·99	449·30	450·20
1867	464·84	443·39	460·97	445·01	455·49	440·79	449·33	442·80	442·07	445·65	442·65	439·76	447·73
1868	445·34	431·17	439·00	439·48	441·00	434·85	438·75	444·01	461·07	450·28	448·15	475·02	445·68
1869	456·05	448·50	439·47	441·30	452·89	438·94	439·76	435·65	452·12	443·19	439·14	452·50	444·96
1870	446·09	449·93	439·54	433·69	437·12	430·47	438·60	438·93	439·97	452·99	455·47	450·10	442·74
1871	441·95	440·96	440·54	446·32	438·35	440·66	444·39	442·15	457·44	456·45	451·60	439·35	445·01
1872	459·35	458·59	450·43	442·88	440·35	441·52	446·26	446·00	447·05	455·36	460·89	468·00	451·39
1873	470·80	440·02	454·14	440·88	444·66	444·73	445·93	445·47	445·03	451·12	455·44	437·75	448·00
1874	442·98	446·30	430·84	442·22	437·33	437·52	440·68	441·02	449·13	461·42	449·08	443·83	443·53
1875	455·47	447·22	440·10	441·08	440·59	442·72	441·69	443·38	449·14	459·12	459·71	445·87	447·17
1876	438·57	451·66	453·12	446·14	436·80	440·40	439·72	446·07	450·66	461·80	465·81	486·34	451·42
1877	469·02	443·78	448·94	458·75	452·13	450·15	448·67	454·31	452·18	448·56	461·83	444·31	452·58
1878	436·60	440·71	435·95	455·34	458·87	455·75	447·18	460·73	452·75	455·79	456·66	462·98	451·61
1879	458·55	468·75	448·14	463·86	442·52	461·36	454·01	454·22	448·78	446·88	442·61	440·41	452·52

FRANCE

TABLE B—*continued.*

BREST—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1880	436·43	452·86	446·67	448·44	439·13	446·08	448·30	451·62	451·24	465·26	455·24	453·60	449·57
1881	458·98	453·47	454·49	458·42	442·19	445·00	441·86	452·93	454·37	454·75	462·82	451·91	452·59
1882	438·72	442·77	441·51	452·41	450·28	449·54	452·42	445·47	451·62	465·09	464·04	463·35	451·43
1883	461·79	455·22	448·90	446·66	449·49	447·29	447·79	444·02	455·71	448·37	456·38	439·90	450·13
1884	444·06	456·95	452·79	458·10	441·00	438·89	447·26	449·30	448·56	444·86	447·43	451·01	448·35
1885	455·39	462·28	444·15	449·74	454·19	442·76	439·07	447·41	450·50	456·38	457·80	444·03	450·31
1886	453·34	440·73	452·27	448·98	453·80	450·10	449·87	448·67	449·92	465·61	454·77	462·03	452·51
1887	448·18	440·57	441·90	439·70	438·95	440·64	442·71	448·34	446·85	443·99	460·87	447·10	444·98
1888	437·43	436·09	449·00	441·60	441·06	446·98	450·82	447·37	442·26	448·69	462·12	460·19	446·97
1889	434·36	434·18	442·21	444·04	449·60	442·66	444·50	444·97	441·62	458·49	442·63	440·35	443·30
1890	448·77	441·95	446·59	445·14	450·79	437·74	440·69	443·26	440·60	439·16	446·70	447·96	444·11
1891	435·31	424·32	445·32	443·14	447·21	445·72	443·76	447·48	445·66	463·99	454·31	451·90	445·68
1892	447·72	452·78	444·84	441·79	443·40	442·87	444·71	446·05	442·37	457·22	454·75	450·28	447·40
1893	444·89	456·08	442·66	446·55	450·94	445·65	446·37	448·54	451·48	453·71	444·56	445·31	448·06
1894	448·65	433·44	441·21	453·60	440·30	439·39	447·58	444·52	444·68	456·71	456·93	447·66	446·21
1895	454·20	444·95	445·63	446·55	437·41	440·64	447·90	448·98	446·87	458·11	466·15	460·96	449·86
1896	440·20	439·14	442·23	430·96	434·19	446·16	442·34	440·91	451·71	455·97	445·37	456·65	443·82
1897	460·54	444·52	453·53	450·22	445·93	442·75	442·20	453·10	444·79	449·58	451·40	456·42	448·76
1898	439·49	439·93	441·80	442·08	449·72	441·11	436·31	439·62	444·25	460·49	456·47	448·08	444·95
1899	457·42	459·85	441·91	444·39	444·26	444·55	441·16	447·77	451·22	452·97	449·24	457·90	449·39
1900	442·50	464·01	446·25	439·98	447·80	445·92	440·41	447·38	443·85	448·38	457·03	450·54	447·83
1901	449·27	439·47	443·39	445·85	436·39	441·23	442·57	441·40	456·87	450·59	445·67	455·63	445·69
1902	434·59	449·50	442·95	444·89	434·12	449·31	441·75	447·83	449·26	453·87	462·79	446·93	446·48
1903	455·71	441·08	450·17	444·46	450·63	445·75	446·62	450·51	451·57	468·03	449·19	465·39	451·59
1904	445·92	463·61	448·22	440·69	440·68	444·48	446·88	442·18	448·91	446·13	447·98	451·11	447·23
1905	438·65	430·21	443·97	450·68	438·20	450·77	443·66	451·96	449·73	445·49	455·39	445·25	445·33
1906	450·23	443·27	440·43	437·55	449·83	440·08	440·92	444·86	440·59	454·11	455·31	444·71	445·16
1907	429·63	431·88	434·76	450·27	457·73	451·40	442·33	439·44	441·76	461·86	456·40	463·23	446·72
1908	446·34	431·79	447·12	436·84	446·46	445·70	446·38	449·67	445·94	456·26	455·66	452·81	446·75
1909	441·13	444·76	465·62	448·55	446·77	445·60	440·89	445·11	446·07	459·08	449·48	462·11	449·60
1910	453·02	456·20	439·07	448·63	452·20	448·42	449·89	447·77	444·93	458·49	467·07	474·15	453·32
1911	438·98	441·73	442·70	449·21	449·51	450·63	445·08	452·37	451·76	462·77	463·42	470·15	451·52
1912	464·13	480·30	461·51	434·10	431·96	455·19	453·49	460·09	451·07	460·80	452·19	460·70	455·46
1913	470·04	455·15	455·23	458·07	456·26	450·96	450·70	453·46	462·82	478·66	470·83	452·55	459·56
1914	452·56	475·31	465·94	454·25	453·21	456·25	455·95	452·67	454·84	458·71	465·88	484·33	460·82
1915	463·20	469·64	453·59	442·64	456·09	456·72	455·48	453·45	457·42	460·29	465·33	479·35	459·43
1916	450·77	460·88	472·23	451·48	458·29	453·11	448·43	458·25	453·06	464·34	473·42	476·01	460·02
1917	459·65	452·66	453·73	444·25	454·11	450·02	450·59	451·09	449·95	460·65	446·14	440·15	451·08
1918	458·96	443·97	450·04	451·33	447·47	445·53	453·39	449·46	460·56	454·11	460·23	461·96	453·08
1919	453·00	464·96	453·87	442·55	445·93	440·34	442·79	447·87	454·00	445·84	457·31	450·63	449·92
1920	445·83	445·07	454·81	463·64	451·01	452·92	453·36	446·41	447·94	469·18	462·40	461·54	454·51
1921	457·15	446·95	447·18	444·09	448·45	442·80	445·94	447·41	448·14	454·43	458·30	446·03	448·90
1922	454·12	455·36	454·54	454·34	441·80	444·18	446·01	446·04	443·08	456·89	442·31	452·27	449·24
1923	432·56	461·34	446·44	458·84	447·18	433·28	444·03	443·83	443·16	459·68	454·06	447·27	447·64
1924	457·01	447·92	460·91	451·11	456·45	447·96	453·29	452·69	458·87	465·46	462·65	463·31	456·47
1925	455·82	463·95	436·18	449·60	456·94	446·74	452·88	451·38	449·46	461·38	461·43	471·80	454·80
1926	465·14	466·81	447·00	456·19	453·51	454·31	450·44	450·73	451·49	462·20	476·80	439·51	456·18
1927	454·94	451·97	460·47	447·41	451·15	453·63	456·12	459·75	458·45	457·46	465·24	470·45	457·25
1928	455·81	449·33	468·45	465·75	455·73	458·63	448·02	456·50	454·09	461·61	458·79	449·39	456·84
1929	443·26	449·87	439·81	444·11	446·26	445·05	446·52	443·60	446·95	454·55	466·69	468·66	449·61
1930	466·54	448·61	447·85	458·10	450·41	444·80	455·36	455·31	460·44	462·28	467·07	464·40	456·76
1931	455·07	447·54	461·25	455·01	458·78	454·61	459·12	458·98	449·09	453·04	470·68	443·99	455·60
1932	453·66	440·91	454·64	454·08	453·77	452·97	455·00	453·28	461·39	466·04	458·97	463·52	455·68
1933	454·91	452·90	459·20	447·65	453·46	454·15	448·25	448·74	457·29	462·41	460·17	449·34	454·04
1934	444·70	428·52	453·75	460·41	446·47	448·14	449·03	451·02	456·58	450·28	454·96	477·61	451·79
1935	436·54	452·48	442·76	453·51	447·44	458·21	446·69	451·60	457·79	458·07	472·99	468·65	453·89
1936	483·43	482·20	468·55	458·02	451·91	453·73	460·27	447·89	452·26	450·95	457·16	451·53	458·58

FRANCE

TABLE B—*continued.*

MARSEILLE (MARÉGRAPHE). The mean values increase upwards; the unit is 1 centimetre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1885	..	3·8	− 0·7	1·0	0·1	− 3·2	− 2·1	3·2	− 1·5	3·7	10·1	− 2·4	1·14
1886	4·5	− 4·1	− 5·2	− 4·8	− 3·0	− 1·0	− 3·5	− 1·7	0·7	6·4	9·6	10·7	0·7
1887	− 2·1	− 12·5	− 10·0	− 1·5	− 4·8	− 2·4	0·3	− 1·3	1·6	2·8	18·4	6·6	− 0·2
1888	− 4·6	3·9	7·8	3·4	− 3·0	− 2·8	− 1·8	− 3·7	1·4	2·5	6·2	4·7	1·2
1889	− 0·3	− 4·9	5·5	2·9	3·6	3·2	− 4·1	− 4·7	− 1·8	12·8	− 5·9	− 4·9	0·1
1890	− 8·0	− 3·5	− 2·4	5·4	5·8	− 8·5	− 7·5	− 5·6	− 6·4	− 7·4	4·2	12·8	− 1·8
1891	− 2·7	− 17·4	− 0·2	− 1·2	4·3	1·2	− 2·6	− 4·9	− 4·7	8·8	15·0	− 3·0	− 0·6
1892	5·5	7·3	5·1	− 1·0	− 0·2	− 2·4	− 1·2	0·8	− 4·9	9·7	6·2	− 1·2	2·0
1893	5·1	− 2·0	− 6·7	− 4·5	2·1	− 1·2	− 1·3	− 0·7	5·0	5·0	14·6	1·8	1·4
1894	− 1·4	− 12·7	− 8·0	− 0·9	1·4	− 4·7	− 3·1	− 4·3	− 0·4	9·0	4·8	3·3	− 1·4
1895	19·8	10·6	3·6	4·6	− 2·7	0·8	1·3	− 2·9	− 4·0	10·1	8·8	9·8	5·0
1896	− 4·7	− 12·9	− 8·9	− 7·9	− 1·3	2·2	− 0·4	0·2	− 0·9	9·0	14·8	14·2	0·3
1897	11·5	− 4·8	− 2·5	− 0·7	4·6	1·0	3·3	− 1·1	− 2·5	6·7	− 2·2	− 1·0	0·8
1898	− 8·8	− 5·5	7·9	3·1	4·4	3·8	− 0·8	− 3·1	− 0·5	16·5	20·5	0·8	2·9
1899	2·2	5·8	− 5·3	− 0·3	1·3	1·2	0·7	3·3	5·9	10·7	3·2	14·7	3·86
1900	7·0	19·8	7·1	− 0·9	9·6	5·0	1·7	4·8	3·5	5·8	14·0	5·8	6·6.9
1901	4·3	5·3	7·4	4·2	− 1·2	0·5	1·1	− 1·2	8·7	10·5	13·7	14·7	5·37
1902	− 1·5	15·4	4·5	9·4	− 2·7	3·7	− 0·1	4·6	2·2	14·8	11·6	7·3	5·48
1903	2·1	− 13·3	− 4·0	3·0	3·8	8·7	2·6	− 0·7	2·1	7·2	6·0	19·4	2·6 3·1
1904	3·9	13·7	6·5	0·6	− 2·8	4·5	2·9	2·5	4·7	3·2	4·2	7·9	3·8 4·3
1905	0·1	− 8·4	0·3	3·3	2·3	6·4	3·5	1·6	2·5	5·8	18·2	− 2·7	3·2 2·7
1906	− 0·8	1·2	− 0·4	− 2·2	3·3	1·6	2·0	0·5	0·2	8·4	11·9	6·1	2·1 2·6
1907	− 5·0	− 3·1	− 10·0	1·7	0·6	− 1·0	− 1·4	− 1·3	2·3	17·1	16·0	8·6	1·4 2·9
1908	0·1	− 11·4	− 2·1	0·3	− 3·0	5·1	− 1·5	1·4	− 6·0	4·0	8·2	14·1	0·2 0·8
1909	− 5·5	− 3·3	9·6	− 4·4	− 5·6	− 4·8	− 4·3	− 0·5	3·4	3·7	15·5	14·1	1·5
1910	2·4	5·4	− 3·5	3·0	7·4	3·0	0·2	− 2·0	0·8	7·5	10·5	17·7	4·4
1911	− 4·0	− 9·3	− 0·3	3·8	5·7	1·9	1·4	7·6	2·2	10·4	14·7	7·8	3·5
1912	7·2	13·2	− 0·1	− 2·6	− 3·4	1·6	1·5	− 1·9	1·2	4·2	2·9	− 1·2	1·9
1913	1·2	− 3·6	− 7·3	1·6	0·5	− 3·1	0·8	3·4	11·5	16·5	8·2	0·1	2·5
1914	0·5	0·0	− 0·7	− 7·1	− 3·2	1·8	0·3	− 0·3	− 1·7	7·7	18·2	13·3	2·4
1915	10·8	7·9	2·1	− 0·9	3·8	5·7	1·9	1·4	7·6	2·2	10·4	14·7	7·8
1916	− 7·1	29·0	25·8	3·1	7·0	1·7	1·6	7·0	6·7	5·4	20·2	20·5	9·6 10·1
1917	7·0	4·7	4·7	2·7	6·0	− 0·3	1·7	1·9	− 1·6	− 0·3	0·7	1·2	2·4
1918	5·2	− 10·6	− 2·2	10·7	2·6	2·8	5·3	1·2	8·4	11·0	12·3	7·1	4·6
1919	13·5	12·7	6·0	4·4	0·4	1·4	1·6	3·9	6·2	7·5	17·0	3·2	6·4
1920	1·4	− 8·9	− 2·8	6·4	2·1	2·5	1·9	3·7	5·1	17·2	14·2	9·2	3·2 4·3
1921	− 6·6	2·6	− 9·4	3·1	2·5	3·7	2·8	4·4	5·3	7·3	10·1	8·7	2·9
1922	6·9	6·1	7·8	6·3	− 1·4	4·0	− 2·2	2·6	3·2	15·2	3·0	7·8	4·9
1923	− 0·4	7·5	5·8	8·3	− 2·5	− 2·7	− 1·5	2·5	− 2·0	2·3	10·9	8·3	3·0
1924	7·3	6·5	4·4	0·8	1·2	0·3	2·3	− 0·7	3·2	4·7	7·9	2·6	3·4
1925	− 9·4	− 2·2	1·3	0·6	5·4	4·0	2·7	0·0	− 0·5	9·4	13·6	9·0	2·8
1926	3·5	6·2	− 2·6	2·7	7·6	4·7	3·0	1·4	4·2	14·6	28·7	6·2	6·7
1927	6·7	2·7	3·9	6·4	3·1	5·5	4·4	3·3	4·3	6·9	20·9	24·8	7·7
1928	− 0·3	− 5·2	7·5	16·8	8·6	6·8	5·8	11·9	8·4	8·0	11·4	6·6	7·2
1929	0·5	1·0	− 0·6	2·3	0·7	1·9	1·1	2·1	7·4	9·7	10·0	9·1	3·8
1930	2·7	11·9	1·8	13·1	6·9	6·5	6·9	1·1	5·8	7·6	7·9	9·4	6·8
1931	4·9	1·3	12·0	4·8	4·2	2·5	2·5	3·7	2·4	9·2	14·9	− 1·4	5·1
1932	− 3·3	− 6·4	5·4	1·5	1·1	3·0	6·1	4·4	13·0	11·4	8·5	9·7	4·5
1933	5·9	7·0	2·6	− 2·9	5·4	8·1	2·4	3·2	13·1	17·8	20·5	19·8	8·6
1934	− 0·6	− 7·5	11·1	15·1	8·6	6·7	6·5	3·9	2·8	0·1	19·5	20·0	7·2
1935	5·4	7·1	0·2	1·1	6·8	2·4	2·4	4·7	1·6	10·3	20·4	19·2	6·8
1936	20·6	19·7	14·9	13·3	10·7	8·6	5·7	1·3	6·5	9·4	13·5	2·5	10·5

FRANCE

TABLE C: Annual Mean Heights of Sea-Level

The mean values increase upwards; the unit is 1 centimetre

Year	Le Havre	Cherbourg	Camaret	Quiberon	Les Sables d'Olonne	La Pallice	Biarritz	St. Jean de Luz	Port Vendres	Sète	Port-de-Bouc	Martigues	Marseille (Port Vieux)	La Ciotat	Nice	Villefranche
1860	457·9	358·1														
1861	459·5	361·6														
1862	461·2	359·2														
1863	458·7	360·3														
1864	..	359·8														
1865	..	360·4														
1866	..	363·0														
1867	..	363·5														
1868	..	362·2														
1869	..	360·6														
1870	453·8	358·7														
1871	459·1	356·5														
1872	464·8	361·9														
1873	463·2	360·0														
1874	459·4	355·8														
1875	458·3	361·0														
1876	459·7	362·4														
1877	467·6	366·0														
1878	471·3	361·8														
1879	467·4	362·6														
1880	462·6	364·1														
1881	462·6	363·0														
1882	458·2	362·1														
1883	457·3	360·8														
1884	461·9	362·2														
1885	459·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1886	459·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1887	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1888	..	..	..	..	..	..	..	..	−1	0	..	..	..	..	− 6	..
1889	..	..	..	+ 9	..	..	+17	..	− 2	− 2	..	..	..	..	− 6	..
1890	..	..	− 5	+ 7	..	..	+13	+15	− 3	− 4	..	..	− 5	..	− 8	..
1891	..	− 4	+ 1	− 15	..	+ 7	+18	+20	− 1	− 2	..	..	− 1	..	− 8	..
1892	..	− 8	+ 3	− 4	+ 3	+10	+24	+21	0	− 1	..	..	+ 3	..	− 5	..
1893	..	− 9	− 1	− 20	− 3	+ 2	+23	+21	0	− 1	..	..	0	+ 6	− 2	..
1894	..	−10	− 2	− 1	..	+ 7	+31	+17	− 4	− 6	0	0	0	+ 2	−10	..
1895	..	− 9	+ 2	− 4	..	+12	+29	+21	+3	+ 2	0	+ 3	+ 4	+ 7	− 4	..
1896	..	−11	− 2	− 7	− 3	..	+28	+17	− 3	− 4	− 6	− 1	0	+ 2	− 8	..
1897	..	−13	0	+ 8	− 1	..	+16	+12	− 1	− 2	− 5	0	− 1	+ 4	− 6	..
1898	..	− 5	− 4	+ 4	+ 1	..	+21	+10	− 2	0	0	+ 3	+ 4	+ 4	− 6	..
1899	..	− 2	+ 3	+ 6	− 3	..	+19	+14	− 1	− 2	+ 1	+ 1	+ 3	+ 2	− 6	..
1900	..	−10	0	+ 5	− 7	..	+28	+25	+ 2	+ 1	+ 5	+ 2	+ 5	+ 8	− 3	..
1901	..	− 6	− 3	− 6	+ 3	..	+24	+36	0	− 1	+ 5	+ 3	+ 4	+ 7	− 4	..
1902	..	−12	0	− 2	0	..	+13	+28	+ 2	+ 2	+ 1	+ 8	+ 6	+ 7	− 2	..
1903	..	− 2	+ 1	+10	+ 5	..	+ 5	+16	0	− 2	− 5	+ 2	+ 3	+ 5	− 5	..
1904	..	−11	− 3	+10	− 1	..	+ 4	+13	+ 1	− 3	− 3	+ 5	+ 5	+ 5	− 4	..
1905	..	− 9	+ 8	+23	− 7	..	..	+15	− 3	− 4	+ 2	+ 2	+ 4	+ 5	− 6	..
1906	..	− 8	− 6	− 1	− 2	..	+18	+17	− 1	− 5	+ 1	+ 2	+ 5	+ 6	− 5	..
1907	..	− 8	− 2	− 7	+ 1	..	+15	+22	− 3	0	− 4	+ 3	+ 3	+ 2	− 7	..
1908	..	− 7	+ 4	− 20	+ 3	..	+12	+20	− 6	− 5	− 9	0	+ 1	− 3	− 8	..
1909	..	0	+ 2	+ 9	+ 6	..	+12	+20	− 4	− 3	..	+ 2	+ 4	0	− 5	..
1910	..	+ 8	+ 6	+11	+ 2	..	+18	+22	+1	− 2	+ 2	+ 6	+ 6	+ 6	..	..
1911	..	+ 9	+ 6	+11	..	+13	+14	+21	0	− 2	− 1	+ 7	+ 6	+ 4	..	..
1912	..	+ 7	+12	+16	0	+18	+10	+25	+1	− 1	− 1	+ 7	+ 7	+ 4	..	..
1913	..	− 9	+18	+ 2	+ 4	+47	+11	+24	+1	− 1	− 3	+ 8	+ 9	+ 2	..	+2
1914	..	− 5	0	+ 4	+20	+50	+23	+23	− 2	− 2	− 5	+ 7	+ 7	+ 2	..	−4
1915	..	− 9	+ 7	+ 4	+10	..	+22	+21	+2	+ 1	+ 4	+11	+ 9	+ 6	..	−3

FRANCE

TABLE C—*continued.*

Year	Dunkerque	Calais	Boulogne	Dieppe	Le Havre	Ouistreham	Cherbourg	Le Conquet	Camaret	Quiberon	Les Sables d'Olonne	La Pallice	Biarritz	St. Jean de Luz	Port Vendres	Sète	Port-de-Bouc	Martigues	Marseille (Port Vieux)	La Ciotat	Villefranche
1916	..	..	..	..	..	..	−10	..	+16	+15	+10	+18	+25	+29	+2	+ 5	+ 3	+10	+ 9	+ 5	−2
1917	..	..	..	..	..	..	− 2	..	− 3	+10	+10	− 19	+22	+18	+1	+ 1	− 4	+ 6	+ 7	+ 7	−4
1918	..	..	..	..	..	..	− 4	..	− 2	..	+ 5	− 15	+12	+11	+1	− 1	+ 6	+ 4	+ 6	+ 4	−3
1919	..	..	..	..	..	..	− 5	..	− 6	..	+ 8	− 22	+17	+21	+1	− 1		0	+ 8	+ 8	+1
1920	..	..	..	..	..	..	− 3	..	+ 8	..	+ 9	+16	+12	+13	0	− 2		0		0	+ 8	+ 4	−1
1921	..	..	..	..	..	..	− 7	..	+ 1	..	+ 4	+15	+17	+15	−2	− 6	− 4	+ 3	+ 5	+ 5	−9
1922	..	..	..	..	..	..	−10	..	+ 8	..	..	+ 9	+ 9	+20	−3	− 5	+ 1		0	+ 3	+ 1	−9
1923	+ 5	..	..	..	..	..	−19	..	..	..	+ 4	+32	+18	+22	−3	− 6	− 1	+ 3	+ 5	− 4	−4
1924	+16	..	..	..	..	..	−28	..	+16	..	+18	+12	..	+20	0	− 5	+ 3	− 2	+ 5	0	−5
1925	+66	..	..	..	..	..	−25	..	+12	..	+14	+12	+22	+19	−1	+ 3		0	+ 3	+ 7	+ 2	−4
1926	+74	..	..	..	..	..	−24	..	+ 1	..	+ 9	+18	+20	+ 6	0	− 7	− 1	+ 3	+10	+ 5	+1
1927	+64	..	..	..	..	..	−22	..	+15	..	+ 4	+15	+15	− 1	−1	− 7	− 1		0	+12ᵘ	+11ᵘ	+2
1928	(+76)	..	..	..	..	..	−13	+17	..	..	+12	+20	+15	− 5	+2	− 8	+ 4	+ 2	+12ᵘ	+12ᵘ	+3
1929	(− 2)	..	..	..	..	..	− 9	+ 5	..	..	+15	+31	+17	..	−2	−10	+ 2	− 2	+10ᵘ	+ 8ᵘ	+1
1930	+ 7	..	..	..	..	..	−12	+10	..	..	+27	+36	+24	..	+5	− 5	+ 7	+ 1	+12ᵘ	+10ᵘ	+3
1931	(+ 6)	..	..	..	− 3	..	−28	+ 9	..	..	+25	+34	+18	..	+2	− 5	+ 6	+ 3	+11ᵘ	+10ᵘ	+5
1932	(+ 8)	+14	..	..	− 5	+19	−18	+ 6	..	..	+ 6	+25	+16	+40	+1	− 9	+ 5	− 3	+10ᵘ	+11ᵘ	+2
1933	+ 3	+17	− 6	..	− 6	+29	− 8	+ 4	..	..	+ 1	+ 9	+23	+31	+4	− 6	+ 6	− 4	+13ᵘ	+13ᵘ	0
1934	+23	+10	− 6	..	− 3	+32	− 8	+ 3	..	..	+ 3	..	+22	+17	−1	..	+13	+ 4	+10ᵘ	+10ᵘ	..
1935	(+78)	..	− 4	..	..	..	+ 2	..	..	..	0	..	+17	..	+1	..	+12	+ 6	+ 8ᵘ	+10ᵘ	..
1936	+47ᵘ	−14	+11	+12	+23ᵘ	+10	+ 6	+ 2	..	..	+13	..	+20	+20	+5	..	+15	+13	+13ᵘ	+14ᵘ	..

( ), the enclosed mean values have been calculated from an incomplete series of observations; *u*, there is some uncertainty in the significance of the printed figures.

SPAIN

§ 1. *Authorities.*

1. Instituto Geográfico, Catastral y de Estadistica, Madrid.
2. Servicio Hidrografico, Instituto y Observatorio de Marina, San Fernando.

§ 2. *Apparatus.*

1. Recording gauge of design:
   - *a.* Adie.
   - *b.* Reizt.
   - *c.* Thomson.

§ 3. *Datums.*

The standard level surface passes through a bench-mark on the first step of the principal staircase of the Consistorial House at Alicante.

SPAIN

TABLE A: Stations, Authorities and Conditions

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums, § 3		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
			§ 1	§ 1	§ 1	§ 2	1:			cm.	cm.		
Cadiz	36° 30′ N.	6° 12′ W.	1	2	1	1*b*	..	..	..	0·0	..	1916–9	1880–98, 1900–19, 1921–3
Alicante	38 20 ,,	0 29 ,,	1	1	1	1*a* 1*c*	.. 2·02844	.. ..	.. ..	0·0	0·0	1916–20	1874–1911, 1916–23, 1927–34

TABLE B: Monthly and Annual Mean Heights of Sea-Level

CADIZ. The mean values increase downwards; the unit is 1 metre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1916	..	..	..	..	..	..	2·982	2·942	2·921	2·948	2·911	2·806	..
1917	2·850	2·818	2·917	2·895	2·900	2·934	2·962	3·044	..	..	..	..	..
1918	..	3·052	2·852	2·850	2·866	2·863	2·840	2·909	..	2·855	2·833	2·948	..
1919	2·919	2·784	3·013	2·863	2·887	2·831	2·884	..	..	..	2·692	2·816	..

ALICANTE. The mean values increase downwards; the unit is 1 metre.

1916	3·5389	3·4588	3·2803	3·4316	3·3859	3·3962	3·3937	3·3261	3·2964	3·4414	3·2837	3·3083	3·3784
1917	3·3296	3·3282	3·4098	3·4278	3·3724	3·4109	3·3595	3·3373	3·3783	3·3642	3·3483	3·3477	3·3678
1918	3·4104	3·5514	3·4214	3·3494	3·4037	3·3674	3·3227	3·3486	3·2877	3·2743	3·2593	3·3914	3·3656
1919	3·3671	3·3483	3·4088	3·3926	3·4109	3·3656	3·3513	3·3347	3·3955	3·3040	3·2995	3·4144	3·3661
1920	3·4449	3·4374	3·4769	3·3854	3·3628	3·5285	3·3206	3·3098	3·3083	3·2249	3·2174	3·2908	3·3590

SPAIN

TABLE C: Annual Mean Heights of Sea-Level

The mean values increase downwards; the unit is 1 metre

Year	Cadiz		Alicante		Year	Cadiz		Alicante	
	Annual Mean Height	No. of Days	Annual Mean Height	No. of Days		Annual Mean Height	No. of Days	Annual Mean Height	No. of Days
*1874	..	..	3·4201	365	1905	3·014	331	3·3291	361
1875	..	..	3·4235	366	1906	2·993	364	3·3244	225
1876	..	..	3·3949	365	1907	2·948	339	3·4309	237
1877	..	..	3·4051	365	1908	3·049	345	3·4328	208
1878	..	..	3·3981	365	1909	3·112	361	3·4255	336
1879	..	..	3·3866	366	1910	3·090	365	3·4162	346
1880	2·928	103	3·3680	365	1911	3·053	364	3·4133	151
1881	2·993	341	3·4031	244	1912	3·057	257	..	..
1882	3·035	359	3·2691	365	1913	2·973	76	..	..
1883	2·985	352	3·2530	334	1914	2·999	363	..	..
1884	2·937	364	3·3279	364	1915	2·975	168	..	..
1885	2·982	359	3·3801	365	1916	2·899	240	3·3417	364
1886	3·043	211	3·4004	335	1917	2·948	173	3·3911	359
1887	3·001	366	3·3695	306	1918	2·863	281	3·3459	357
1888	3·006	322	3·3867	227	1919	2·845	137	3·3773	313
1889	3·102	338	3·3602	343	1920	..	..	3·3408	363
1890	2·977	363	3·3301	360	1921	2·941	106	3·3405	363
1891	2·986	366	3·3058	362	1922	2·968	335	3·3633	351
1892	3·022	362	3·4065	356	1923*	2·948	342	3·3466	352
1893	3·018	353	3·3583	359	1924	..	..	..	..
1894	2·975	349	3·3375	364	1925	..	..	..	..
1895	2·951	288	3·3970	299	1926	..	..	..	..
1896	2·992	334	3·4164	167	1927	..	..	3·3755	320
1897	2·988	365	3·4322	363	1928	..	..	3·3885	314
1898	2·965	310	3·3338	350	1929	..	..	3·4159	351
1899	..	..	3·4232	282	1930	..	..	3·3893	343
1900	2·983	104	3·3766	150	1931	..	..	3·3711	303
1901	2·968	327	3·3334	364	1932	..	..	3·3846	328
1902	3·016	337	3·3321	274	1933	..	..	3·3846	143
1903	3·005	349	3·3219	340	1934	..	..	3·3872	302
1904	3·018	275	3·3524	181					

* 1874–1923 Period starts in year stated, but ends in next.

CANARIES

§ 1. *Authorities.*

1. Instituto Geográfico, Catastral y de Estadistica, Madrid.

§ 2. *Apparatus.*

1. Recording gauge of design:

a. Mier.

b. Thomson.

§ 3. *Datums.*

Santa Cruz de Teneriffe. The bench-mark is a bronze bolt let into the wall of the tide-gauge house.

CANARIES

TABLE A: Stations, Authorities and Conditions

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums, § 3		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
			§ 1	§ 1	§ 1	§ 2	1:						
Santa Cruz de Tenerife	28° 29′ N.	16° 14′ W.	1	1	1	1*a*	20·052	..	..	..	..	1926–33	
						1*b*	6·667	..	..	..	..	1934	

TABLE B: Monthly and Annual Mean Heights of Sea-Level

SANTA CRUZ DE TENERIFE. The mean values increase downwards; the unit is 1 metre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1926	..	..	2·5875	2·5480	2·5185	2·4960	2·4845	2·5030	2·4830	2·4830	2·5675	2·5985	(2·527)
1927	2·7185	2·6785	2·6525	2·5960	2·5770	2·5960	2·5600	2·5225	2·5595	2·5465	2·6130	2·6180	2·604
1928	2·6475	2·6720	2·6465	2·6550	2·6610	2·6005	2·5615	2·5365	2·5365	2·5435	2·6000	2·6600	2·609
1929	2·6760	2·6735	2·6285	2·5835	2·6230	2·5845	2·5305	2·4995	2·4920	2·5010	2·5685	2·6335	2·583
1930	2·5385	2·6275	2·6110	2·6000	2·6220	2·6065	2·5520	2·5290	2·5100	2·5145	2·5600	2·5990	2·580
1931	2·6290	2·6675	2·6180	2·6040	2·6120	2·5916	2·5440	2·5570	2·5515	2·5315	2·5880	2·6205	2·589
1932	2·6830	2·6170	2·6060	2·6170	2·6300	2·5915	2·5330	2·5025	2·4830	2·5180	2·5590	2·6190	2·580
1933	2·6235	2·6370	2·6600	2·5590	2·5750	2·5815	2·5300	2·5035	2·5335	2·5400	2·5795	2·6225	2·584
1934	2·6910	2·6415	2·6490	2·6210	2·5935	2·5935	2·5660	2·5400	2·5665	2·5435	2·5850	2·6725	2·605

( ), the enclosed mean value has been calculated from an incomplete series of observations.

PORTUGAL

§ 1. *Authorities.*

1. Instituto Geografico e Cadastral, Lisboa.

§ 2. *Apparatus.*

1. Recording gauge constructed by Borel.

§ 3. *Datums.*

The datums are local.

PORTUGAL

TABLE A: Stations, Authorities and Conditions

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums, § 3		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
			§ 1	§ 1	§ 1	§ 2			p. 10		cm.		
Cascais (Lisboa)	38° 41′ N.	9° 25′ W.	1	1	1	1	..	..	5	..	0·0	1917–36	..
Lagos	37 06 ,,	8 40 ,,	1	1	1	1	..	..	5	..	..	1908–36	..

TABLE B: Monthly and Annual Mean Heights of Sea-Level

CASCAIS (LISBOA). The mean values increase upwards; the unit is 1 metre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1917	4·2621	4·2723	4·4259	4·3241	4·2952	4·3577	4·3225	4·3404	4·3471	4·3252	4·3537	4·3192	4·3234
1918	4·2803	4·3487	4·3743	4·3281	4·3477	4·3288	4·3373	4·3076	4·3260	4·3512	4·3071	4·4236	4·3384
1919	4·4069	4·3122	4·3968	4·4474	4·3769	4·3473	4·3729	4·3216	4·2729	4·2942	4·2235	4·3941	4·3477
1920	4·3884	4·3119	4·4093	4·3440	4·2944	4·3881	4·3790	4·3301	4·3063	4·3033	4·2839	4·2851	4·3324
1921	4·3704	4·3443	4·3899	4·3482	4·3634	4·3291	4·3319	4·3467	4·2913	4·1921	4·2401	4·3877	4·3281
1922	4·4191	4·3821	4·3549	4·4121	4·3638	4·3216	4·3878	4·3358	4·3276	4·1625	4·2610	4·3263	4·3374
1923	4·4488	4·4105	4·3396	4·3121	4·3216	4·3250	4·3344	4·3166	4·3508	4·2559	4·2796	4·3829	4·3395
1924	4·3577	4·2876	4·2361	4·3225	4·3132	4·3672	4·3435	4·3175	4·3032	4·2522	4·2494	4·3715	4·3111
1925	4·4178	4·3955	4·2813	4·3970	4·3473	4·2966	4·3441	4·3214	4·2725	4·2562	4·2627	4·1811	4·3142
1926	4·3150	4·2499	4·3412	4·3415	4·3658	4·3571	4·3219	4·2928	4·2948	4·1883	4·2675	4·2965	4·3033
1927	4·4045	4·3571	4·4239	4·3154	4·2668	4·2842	4·3314	4·2882	4·2995	4·2013	4·2263	4·2199	4·3034
1928	4·4205	4·3893	4·2742	4·2531	4·2578	4·6075	4·2341	4·2287	4·1897	4·2516	4·2921	4·2869	4·2726
1929	4·3083	4·2750	4·3653	4·2160	4·3299	4·2797	4·2513	4·2419	4·2110	4·2273	4·2857	4·2770	4·2721
1930	4·2775	4·3013	4·2967	4·2790	4·3149	4·3039	4·2738	4·2887	4·2583	4·2389	4·2431	4·2872	4·2799
1931	4·3091	4·3976	4·1803	4·2335	4·2795	4·2484	4·2560	4·2634	4·2287	4·1751	4·1799	4·2819	4·2513
1932	4·3500	4·2475	4·1964	4·3431	4·3324	4·2762	4·2759	4·2258	4·2121	4·2836	4·2498	4·2308	4·2688
1933	4·2682	4·2714	4·2980	4·3279	4·3102	4·3228	4·3070	4·2545	4·2270	4·1791	4·2132	4·2771	4·2715
1934	4·4306	4·3703	4·3605	4·2182	4·2398	4·2551	4·2758	4·3266	4·3269	4·2832	4·2270	4·3008	4·3011
1935	4·3302	4·3833	4·3086	4·3753	4·3143	4·3700	4·3837	4·3019	4·3357	4·3795	4·3351	4·3106	4·3571
1936	4·2432	4·2206	4·2408	4·2839	4·2796	4·2802	4·3183	4·2529	4·2913	4·3251	4·3311	4·3840	4·2879

LAGOS. The mean values increase upwards; the unit is 1 centimetre.

1908	..	..	..	..	..	..	..	..	..	280·55	279·81	292·60	284·38
1909	294·92	290·62	290·82	292·59	289·81	297·96	288·48	289·34	289·47	286·33	277·63	288·47	289·70
1910	305·06	305·10	297·97	297·74	289·69	294·91	293·25	294·64	287·78	283·27	290·79	291·73	293·61
1911	301·24	295·17	299·04	..	..	296·43	291·54	291·40	290·68	288·25	291·89	299·47	(294·06)
1912	292·09	288·09	304·22	295·11	298·53	297·36	294·07	291·22	280·48	283·61	..	246·34	(291·81)
1913	..	292·28	292·78	291·74	291·68	288·59	286·44	285·51	280·32	272·89	285·94	288·11	(287·19)
1914	289·07	..	302·43	288·91	290·70	287·97	288·56	286·09	283·50	281·07	273·37	289·63	(287·84)
1915	294·16	298·77	281·30	295·04	283·71	288·31	283·18	285·21	284·61	285·20	276·49	281·87	286·39
1916	296·36	295·02	275·55	289·20	286·00	287·74	289·34	284·80	281·83	283·93	285·77	..	(286·33)
1917	..	280·41	291·83	287·13	285·69	289·56	284·74	288·26	289·01	286·57	290·47	285·01	(285·94)
1918	279·13	295·36	287·85	286·71	288·53	289·37	285·88	281·64	286·80	284·40	281·74	296·38	280·48
1919	293·96	285·62	292·20	288·29	288·44	280·59	280·96	276·00	270·91	278·83	275·57	289·73	283·39
1920	298·38	287·61	295·47	289·56	282·24	289·54	290·27	285·55	282·24	283·52	281·91	283·85	286·54
1921	291·97	283·79	287·66	289·16	288·84	286·62	284·21	285·26	281·14	271·03	275·20	289·57	284·57
1922	290·62	288·37	287·88	294·61	285·40	282·81	292·27	287·32	289·00	274·53	283·30	289·68	287·15

( ), the enclosed mean values have been calculated from an incomplete series of observations.

PORTUGAL

TABLE B—*continued.*

LAGOS—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1923	300·73	298·10	285·93	286·37	288·01	287·02	286·38	284·56	292·63	287·04	287·87	297·46	290·11
1924	291·17	281·70	274·50	284·64	281·36	287·86	287·37	285·87	286·43	283·05	283·24	292·77	285·02
1925	297·17	296·15	286·01	297·00	292·95	286·40	285·90	281·54	277·47	276·87	283·83	279·13	286·69
1926	280·72	285·88	286·48	288·90	285·77	278·83	274·09	268·58	264·53	260·83	273·65	285·27	277·73
1927	294·08	291·41	295·09	288·48	281·21	282·25	289·18	282·65	281·63	272·79	276·69	278·02	284·74
1928	300·71	300·19	287·32	286·06	287·92	280·21	279·37	282·98	276·93	281·86	284·67	285·66	285·84
1929	291·94	293·32	287·96	289·32	294·91	299·26	296·30	285·01	285·12	289·58	292·92	289·32	291·07
1930	287·04	289·44	289·20	285·25	284·37	281·90	279·65	279·57	275·18	272·15	273·54	279·54	281·38
1931	284·68	318·61	287·54	291·57	304·11	282·41	281·53	291·26	281·54	263·90	271·27	281·41	286·29
1932	287·00	276·91	276·63	287·18	287·41	284·54	282·44	278·09	273·42	279·32	274·02	274·52	280·36
1933	280·09	286·30	293·39	290·56	286·09	289·87	289·85	278·86	284·29	268·77	260·99	272·19	281·69
1934	287·56	280·87	283·13	275·73	274·36	274·05	271·82	278·29	273·03	277·79	274·94	283·44	277·84
1935	283·99	292·90	290·22	291·89	280·08	284·14	278·24	274·40	278·40	278·25	276·87	278·51	282·20
1936	275·94	270·91	276·22	276·02	278·07	281·79	281·63	270·18	272·48	273·07	274·08	279·82	275·99

AZORES

§ 1. *Authorities.*

1. Serviço Meteorologico dos Açores.
2. Harbour Authority, Ponta Delgada.
3. Hydrographic Department, Admiralty, London.
4. Liverpool Observatory and Tidal Institute.

§ 2. *Apparatus.*

1. Recording gauge constructed by

a. Casella, London.

b. Negretti and Zambra.

§ 3. *Datums.*

The datums are local.

The bench-mark for Porta Delgada is on the breakwater near the gauge-house.

AZORES

TABLE A: Stations, Authorities and Conditions

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums, § 3		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
			§ 1	§ 1	§ 1	§ 2			p. 10		cm.		
Ponta Delgada	37° 44′ N.	25° 40′ W.	3, 1	2, 1	4, 1	1*b*	..	..	*5	..	−282·1	1924, 1930–6	..
Angra do Heroismo	38 38 ,,	27 12 ,,	1	1	1	1*b*	..	..	*5	..	−583·0	1933–6	..
Horta	38 32 ,,	28 38 ,,	1	1	1	1*a* 1*b*	..	..	*.. *5	..	.. −286·23	1905–29 1929–36	..

* Allowance has been made for atmospheric pressure; 13 mm. have been subtracted from the heights of water for each mm. of the height of the mercury barometer above or below 760 mm.

TABLE B: Monthly and Annual Mean Heights of Sea-Level

PONTA DELGADA. The mean values increase upwards; the unit is 1 metre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1924	1·216	1·214	1·314	1·219	1·205	1·132	1·135	1·170	1·221	1·229	1·176	1·151	1·199
1930	1·23	1·24	1·30	1·30	1·21	1·18	1·23	1·31	1·31	1·33	1·38	1·28	1·28
1931	1·30	1·25	1·14	1·29	1·28	1·30	1·35	1·34	1·41	1·36	1·37	1·33	1·31
1932	1·27	1·16	1·13	1·15	1·17	1·30	1·39	1·34	1·34	1·33	1·25	1·27	1·26
1933	..	..	..	..	..	..	..	..	..	1·25	1·25	1·30	..
1934	1·32	1·29	1·27	1·26	1·27	1·26	1·26	1·32	1·32	1·29	1·28	1·22	1·28
1935	1·22	1·18	..	1·21	1·25	1·28	1·34	1·35	1·35	1·35	1·29	1·22	..
1936	1·19	1·22	1·22	1·18	1·21	1·21	1·20	1·22	1·25	1·32	1·33	1·32	1·24

ANGRA DO HEROISMO. The mean values increase upwards; the unit is 1 metre.

1933	1·001	1·039	1·131	1·073	1·129	1·141	1·141	1·087	1·052	1·032	1·166	1·137	1·094
1934	1·129	1·133	1·129	1·106	1·140	1·140	1·154	1·203	1·228	1·287	1·290	1·204	1·178
1935	1·178	1·113	1·101	1·008	1·058	1·039	1·090	1·125	1·152	1·193	1·084	1·088	1·102
1936	1·083	1·045	·975	1·004	1·061	1·031	1·082	1·083	1·087	1·119	1·135	1·172	1·073

HORTA. 360/031 The mean values increase upwards; the unit is 1 metre.

1905	..	..	..	..	1·1511	..	1·1485	1·1379	1·1708	1·1945	1·1526	1·1161	1·1472
1906	1·1263	1·1236	1·1327	1·1291	1·1476	1·1631	1·2081	1·1968	1·2426	1·1825	1·1877	1·2378	1·1736
1907	1·1969	1·2031	1·1810	1·1045	1·1421	1·1978	1·1789	1·1537	1·1748	1·1637	1·1719	1·1397	1·1665
1908	1·1407	1·1662	1·1629	1·1153	1·1428	1·1471	1·1782	1·1972	1·2016	1·1297	1·1052	1·2134	1·1585
1909	1·2771	1·2485	1·1664	1·1138	1·1193	1·1269	1·1677	1·1763	1·1921	1·1866	1·1837	1·1468	1·1750
1910	1·1812	1·1717	1·1365	1·1255	1·1895	1·2270	1·2420	1·2489	1·2683	1·2596	1·2111	1·1972	1·2044
1911	1·1978	1·1838	1·1835	1·1942	1·1634	1·1554	1·1513	1·1718	1·1547	1·1439	1·1097	1·1434	1·1627
1912	1·1119	1·0424	1·0630	1·1383	1·1112	..	1·1728	1·1716	1·1992	1·1837	1·1555	1·1436	1·0943
1913	1·0686	1·0657	1·0947	1·0880	1·1524	1·1498	1·1290	1·1409	1·1379	1·1603	1·1600	1·1491	1·1246
1914	1·1175	1·1226	1·1418	1·1686	1·1905	1·1952	1·1952	1·2357	1·1996	1·1773	1·1988	1·1676	1·1779
1915	1·1597	1·1378	1·1605	1·1795	1·1639	1·1580	1·2105	1·2208	1·1376	1·1081	1·0987	1·0835	1·1517
1916	1·1485	1·1460	1·0653	1·1192	1·1463	1·1659	1·1829	1·1720	1·1674	1·1966	1·1603	1·1447	1·1511
1917	1·1222	1·1327	1·1085	1·0928	1·0739	1·1100	1·1344	1·1966	1·1560	1·2310	1·2006	1·1937	1·1443
1918	1·1512	1·1384	1·1097	..	1·1097	1·1400	1·1109	1·1475	1·1238	1·1206	1·1069	1·1384	1·1272

AZORES

TABLE B—*continued.*

HORTA—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1919	1·1135	1·0680	1·0928	1·1197	1·0845	1·1473	1·1598	1·1586	1·1403	1·1610	1·1619	1·2073	1·1350
1920	1·2169	1·1491	1·1655	1·1866	1·1946	1·2076	1·2275	1·2543	1·2090	1·2021	1·2236	1·1912	1·2062
1921	1·2409	1·2336	1·1094	1·1067	1·1363	1·1514	1·1385	1·1651	..	1·1531	..	..	1·1454
1922	..	..	..	..	1·1192	1·1646	1·2147	1·2186	..	1·2041	1·2085	1·2182	1·1813
1923	1·2447	1·2410	1·2176	1·1730	1·1542	1·1816	1·1453	1·1559	1·1829	1·1871	1·1674	1·1564	1·1797
1924	1·1504	1·1500	1·0651	1·0651	1·0751	1·1147	1·1692	1·1939	1·2138	1·1908	1·1332	1·1525	1·1381
1925	1·1440	..	..	1·0854	1·0976	1·1327	1·1592	1·1768	1·2144	1·2199	1·1681	1·1174	1·1578
1926	1·1151	1·0897	1·0140	1·0524	1·1093	1·1336	1·2267	1·2536	1·2655	1·2839	1·3319	1·2429	1·1933
1927	1·1609	1·1225	1·1278	1·1350	1·1363	1·1448	1·1440	1·1962	1·2008	1·1909	1·1489	1·0619	1·1496
1928	1·1695	1·0796	1·0577	1·0390	1·1278	1·1492	1·1654	1·1700	1·2045	1·1907	1·1711	1·1587	1·1425
1929	..	..	..	..	1·0878	1·1661	1·1967	1·2029	1·2057	1·2197	1·2162	1·1851	1·1903
1930	1·1705	1·1384	1·1387	1·2079	1·1912	1·2129	1·2290	1·2346	1·2345	1·2262	1·2134	1·2127	1·2060
1931	1·1920	1·2241	1·1414	1·1974	1·1772	1·1597	1·1983	1·1776	1·2115	1·2196	1·2373	1·2462	1·1983
1932	1·2059	1·1441	1·1158	1·1128	1·1468	1·2114	1·2327	1·2441	1·2459	1·2148	1·1793	1·1351	1·1830
1933	1·1576	1·1529	1·1237	1·1520	1·1735	1·2123	1·2190	1·2306	1·2214	1·1779	1·1544	1·1362	1·1763
1934	1·1306	1·1260	1·1254	1·0899	1·1535	1·1486	1·1341	1·2001	1·2117	1·2444	1·2233	1·1904	1·1645
1935	1·2313	1·2076	1·1754	1·1623	1·1860	1·1933	1·2096	1·2127	1·2117	1·2544	1·2294	1·2028	1·2065
1936	1·1693	1·1699	1·1356	1·0930	1·1253	1·1326	1·1560	1·1794	1·1851	1·1963	1·1889	1·1829	1·1593

CORSICA (FRANCE)

§ 1. *Authorities.*

1. Le Service du Nivellement général de la France, Paris.

§ 2. *Apparatus.*

1. Médimarémètre.

§ 3. *Datums.*

The bench-marks are as follows:—

Ajaccio. "Un rivet scellé dans une rainure, contre le mur du quai 'de La République', à 38·00 m. à gauche de l'axe des bâtiments du port."

Bastia. "Boulon scellé dans une cavité du massif supportant le médimarémètre (à l'angle des quais de Rive et Nord)."

Bonifacio. "Rivet scellé dans le couronnement du quai, face au médimarémètre."

Propriano. "Couronnement du mur du quai Est du Môle, à l'enracinement de cet ouvrage."

CORSICA (FRANCE)

TABLE A: STATIONS, AUTHORITIES AND CONDITIONS

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums, § 3		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
			§ 1	§ 1	§ 1	§ 2			p. 10				
Ajaccio	41° 55′ N.	8° 44′ E.	1	1	1	1	..	..	2*b*	..	..	..	1912-36
Bastia	42 41 ,,	9 26 ,,	1	1	1	1	..	..	2*b*	..	..	..	1912-34
Bonifacio	41 23 ,,	9 08 ,,	1	1	1	1	..	..	2*b*	..	..	..	1929-36
Propriano	41 41 ,,	8 54 ,,	1	1	1	1	..	..	2*b*	..	..	..	1912-26

TABLE C: ANNUAL MEAN HEIGHTS OF SEA-LEVEL

The mean values increase upwards; the unit is 1 centimetre.

Year	Ajaccio	Bastia	Bonifacio	Propriano
1912	80	57*u*	..	28*u*
1913	86	57*u*	..	32*u*
1914	83	57*u*	..	37*u*
1915	83	63*u*	..	35*u*
1916	82	62*u*	..	40*u*
1917	84	60*u*	..	28*u*
1918	81	58*u*	..	24*u*
1919	86	61*u*	..	..
1920	79	53*u*	..	47
1921	79	49*u*	..	43
1922	80	49*u*	..	49
1923	85	57*u*	..	47
1924	83	52*u*	..	51
1925	84	56	..	40
1926	82	56	..	52
1927	84	52	..	..
1928	81	54	..	..
1929	82	43	67	..
1930	86	51	57	..
1931	86	64	56	..
1932	83	59	52	..
1933	84	53	54	..
1934	81	48	50	..
1935	82	..	53	..
1936	86	..	53	..

u, there is some uncertainty in the significance of the printed figures.

SARDINIA (ITALY)

§ 1. *Authorities.*

1. Istituto Idrografico della R. Marina, Genova.
2. Istituto Geografico Militare, Firenze.
3. Direction locale du Génie Militaire.

§ 2. *Apparatus.*

1. Recording gauge of design:

a. Mati, described in Authorities 9, 10.
b. Thomson.

§ 3. *Datums.*

The datums are local and are as follows:—

La Maddalena. Metal bench-mark in the interior of the gauge-house.

Cagliari. The plane of the quay.

SARDINIA (ITALY)

TABLE A: Stations, Authorities and Conditions

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums, § 3		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
			§ 1	§ 1	§ 1	§ 2	1:	cm./hr.	p. 10		cm.		
La Maddalena	41° 14′ N.	9° 22′ E.	1	1	1	1*b*	5	2·0	5	..	0·0	1896–8, 1900–13	..
Cagliari	39 12 ,,	9 10 ,,	1	3	2	1*a*	6·66	1·0	5	..	−84·0	1896–1934	..

TABLE B: Monthly and Annual Mean Heights of Sea-Level

LA MADDALENA. The mean values increase downwards; the unit is 1 metre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1896	·790	·889	·798	·800	·735	·699	·689	·690	·699	·650	·643	·677	·729
1897	·702	1·128	·761	·730	·669	·690	·659	·675	·667	·685	·824	·699	·740
1898	·910	·762	·670	·727	·698	·692	·689	·678	..	..	..	..	(·728)
1900	·705	·624	·747	·809	·622	·685	·686	·636	·697	·636	·592	·704	·679
1901	·764	·709	·762	·771	·723	·664	·653	·654	·594	·615	·658	·630	·683
1902	·776	·640	·725	·679	·740	·680	·701	·666	·653	·583	·678	·726	·687
1903	·782	·873	·807	·700	·729	·667	·692	·683	·675	·627	·677	·615	·711
1904	·766	·660	·703	·748	·759	·665	·647	·618	·641	·669	·661	·709	·687
1905	·818	·833	·763	·708	·718	·643	·652	..	·660	·614	·601	·792	(·709)
1906	·778	·765	·754	·802	..	·681	·672	·648	·655	·619	·658	·636	(·697)
1907	·821	·759	·849	·718	·725	·734	·707	·554	·676	·609	·660	·671	·707
1908	·762	·848	·774	·699	·785	·713	·679	·645	·708	·690	·685	·720	·726
1909	·816	·771	·651	·797	·771	·731	·689	·668	·643	·666	..	·609	(·710)
1910	·712	·704	·785	·714	..	..	..	·716	·708	·710	·610	·649	(·701)
1911	·815	·851	·755	·697	·688	·743	·736	·650	·678	·670	..	·696	(·725)
1912	·691	·629	·778	·756	·758	·661	·681	·642	·641	·658	..	·758	(·696)
1913	·706	·759	·803	·671	·709	·712	·671	·673	·668	·576	·604	·705	·688

CAGLIARI. The mean values increase downwards; the unit is 1 metre.

1896	..	..	..	..	..	..	..	·151	·124	·089	·066	·178	(·121)
1897	·114	·245	·229	·236	·191	·218	·194	·076	·100	·071	·229	·210	·176
1898	·306	·146	·103	·146	·127	·124	·144	·104	·095	·030	·086	·166	·131
1899	·182	·155	·208	·192	·139	·134	·122	·060	·014	·111	·109	·060	·124
1900	·142	·094	·161	·220	·106	·110	·117	·041	·090	·055	·040	·179	·113
1901	·171	·143	·152	·172	·155	·093	·069	·100	−·011	·011	·057	·069	·098
1902	·225	·061	·145	·107	·186	·098	·111	·072	·057	−·005	·076	·130	·105
1903	·180	·286	·215	·129	·126	·087	·109	·092	·075	·050	·099	·017	·122
1904	·156	·086	·090	·145	·170	·082	·057	·040	·034	·059	·069	·109	·091
1905	·192	·258	·192	·131	·120	·045	·056	·054	·058	·031	·058	·194	·116
1906	·171	·159	·179	·176	·088	·086	·074	·037	·046	·029	·085	·060	·099
1907	·234	·165	·263	·148	·154	·154	·113	·081	·080	·048	·042	·101	·132
1908	·154	·257	·157	·155	·176	·120	·103	·053	·103	·040	·060	·098	·123

( ), the enclosed mean values have been calculated from an incomplete series of observations.

SARDINIA (ITALY)

TABLE B—*continued.*

CAGLIARI—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1909	·183	·158	·073	·186	·167	·153	·114	·081	·063	·063	−·017	·049	·106
1910	·144	·120	·199	·142	·073	·117	·092	·119	·098	·097	·042	·071	·109
1911	·220	·275	·163	·098	·099	·141	·109	·059	·086	·064	·043	·103	·122
1912	·068	·016	·196	·122	·157	·071	·045	·039	·016	·047	·021	·130	·077
1913	·134	·128	·190	·082	·112	·126	·042	·024	−·023	−·047	·025	·087	·073
1914	·094	·152	·170	·191	·137	·084	·067	·037	·059	·042	−·040	·089	·088
1915	·071	·149	·138	·165	·103	·056	..	·005	·050	·044	·000	·054	(·081)
1916	·244	·172	·024	·142	·093	·072	·073	·024	·027	·096	·030	·027	·083
1917	·045	·095	·113	·124	·112	·143	·062	·059	·098	·039	·007	..	(·085)
1918	..	..	·139	·065	·121	·103	·078	·070	·013	·024	·070	·107	(·076)
1919	·072	·078	·150	·114	·152	·119	·051	·050	·009	·017	−·015	·124	·077
1920	·170	·235	·205	·123	·139	·109	·084	·047	·096	·022	·083	·105	·118
1921	·181	·195	·246	·120	·110	·074	·105	·067	·087	·045	·044	·093	·114
1922	·123	·126	·131	·122	·138	·066	·079	·035	·044	−·049	·058	·077	·080
1923	·175	·121	·120	·096	·112	·096	·071	·019	·080	·069	·026	·073	·088
1924	·118	·092	·102	·134	·128	·134	·076	·035	·038	..	..	..	(·095)
1925	·240	·163	·149	·168	·097	..	..	·078	·049	−·014	−·007	·032	(·096)
1926	·104	..	..	·128	·106	·099	·079	·072	..	..	..	..	(·098)
1927	·086	..	·192	·200	·113	·088	·040	·003	·038	−·003	−·023	·000	(·067)
1928	·250	·265	·118	·067	·071	·082	·071	−·034	..	..	−·073	·040	(·086)
1929	·252	·107	·251	·143	·178	·083	·066	·014	−·001	−·005	−·021	·057	·094
1930	..	..	..	·009	·083	·047	·063	·028	·016	−·014	·035	·075	(·038)
1931	·306	·075	·029	·088	·100	·073	·044	−·005	−·011	−·014	·040	..	(·066)
1932	..	..	·061	·136	·116	·049	·021	·009	−·046	−·049	..	..	(·037)
1933	·095	·091	·170	·140	·074	·032	..	..	−·003	−·011	−·022	−·036	(·053)
1934	·178	·202	·078	·060	·037	·051	·010	·002	·033	·030	−·034	−·007	·053

( ), the enclosed mean values have been calculated from an incomplete series of observations.

ITALY

§ 1. *Authorities.*

1. Istituto Idrografico della R. Marina, Genova.
2. Istituto Geografico Militare, Firenze.
   a. Elementi della rete altimetrica fondamentale (1906).
3. Istituto Geofisico del R. Comitato Talassografico, Trieste.
4. Ufficio Idrografico del Magistrato alle Acque, Venezia.
5. Direction locale du Génie Militaire.
6. Direction de l'Arsenal.
7. Hydrographisches Amt, Pola.
8. Maritime Observatorium, Trieste, until 1914.
9. Annuario dell' I. R. Museo di Fisica e Storia Naturale di Firenze, 1859.
10. G. H. Darwin: La marea e i fenomeni concomitanti, Append. (Torino, 1905.)

§ 2. *Apparatus.*

1. Recording gauge of design:
   a. Mati, described in Authorities 9, 10.
   b. Mati, modified by Ricci.
   c. Richard.
   d. Seibt-Fuess.
   e. Thomson.

§ 3. *Datums.*

The standard surface of the Italian system of precision levelling is described in Authority 2*a*.

The bench-marks and other local datums are as follows:—

Porto Maurizio. Plane of the quay.

Genova. Bench-mark V_0 of the general levelling system; horizontal circle cut into the granite support of the gauge.

Livorno. Metal bench-mark in the interior of the gauge-house.

Civitavecchia. Metal bench-mark in the interior of the gauge-house.

Napoli. Plane of the quay.

ITALY

Napoli (Mandraccio). Metal bench-mark in the interior of the gauge-house.

Messina. Metal bench-mark in the gauge-house. In consequence of an earthquake on 28th December 1908 the gauge-zero fell 0·57 m.: in the following years the gauge continued to fall.

Palermo. Division m. 0·76 of the local hydrometer.

Mazara del Vallo. The edge of the gauge-well.

Catania. Plane of the quay.

Taranto. Metal bench-mark in the gauge-house.

Ancona. Metal bench-mark in the interior of the gauge-house.

Porto Corsini. Metal bench-mark in the interior of the gauge-house.

Venezia (Diga Sud Lido). Bronze bolt in the gauge structure.

Venezia (Arsenale). Metal bench-mark in the interior of the gauge-house.

Venezia (S. Stefano). Bench-mark on the Palace façade of the Campiello S. Stefano at the corner towards Rio S. Vitale.

Trieste. Plane of the jetty. The datum is 150 cm. below the mean sea-level for the year 1911.

Pola. Edge of the gauge-well. 158·3 cm. above mean sea-level for the years 1873–78.

ITALY

TABLE A: Stations, Authorities and Conditions

Station	Lat.	Long.	Sources of Information	Authorities for Observations.	Authorities for Reductions.	Apparatus for Observations			Methods of Reduction	Datums, § 3		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
			§ 1	§ 1	§ 1	§ 2	1:	cm./hr.	p. 10		cm.		
Porto Maurizio	43° 52′ N.	8° 01′ E.	1	5	2	1*b*	6·66	1·0	5	..	− 76	1896–1922	..
Genova .	44 25 ,,	8 55 ,,	1	1	1	1*e*	5	2·0	5	..	−190·4	1883–1910	..
							4		1		− 99·02	1928–36	
Livorno .	43 32 ,,	10 18 ,,	1	5	2	1*a*	3·46	2·5	5	..	+383·2	1896–1911	..
Civitavecchia	42 03 ,,	11 49 ,,	1	5	2	1*b*	3·46	1·0	5	..	−341·0	1896–1922	..
Napoli (Arsenale)	40 52 ,,	14 16 ,,	1	1	2	1*e*	5	2·0	5	..	− 20·0	1899–1922	..
Napoli (Mandraccio)	40 52 ,,	14 16 ,,	1	5	2	1*a*	6·66	1·0	5	..	−221·5	1896–1922	..
Messina .	38 12 ,,	15 34 ,,	1	5	2	1*a*	6·66	1·0	5	..	−110	1897–1908	..
										..	− 10	1909–23	..
Palermo .	38 08 ,,	13 20 ,,	1	5	2	1*a*	6·66	1·0	5	..	− 17	1896–1922	..
Mazara del Vallo	37 40 ,,	12 34 ,,	1	2	2	1*c*	5	0·22	5	..	..	1909–16	..
Catania .	37 30 ,,	15 08 ,,	1	5	2	1*b*	6·66	1·0	5	..	−12	1896–1920	..
Taranto .	40 26 ,,	17 16 ,,	1	1	2	1*e*	5	2·0	5	..	−474·5	1896–8,	..
											−400·0	1906–11	
Ancona . .	43 35 ,,	13 29 ,,	1	5	2	1*b*	6·66	1·0	5	..	−272·6	1896–1910	..
Porto Corsini .	44 30 ,,	12 17 ,,	1	5	2	1*b*	6·66	1·0	5	..	−394·3	1896–1922	..
Venezia (Diga Sud di Lido)	45 21 ,,	12 23 ,,	4	4	4	1*e*	10	2·0	5	..	..	1917–34	..
Venezia (Arsenale)	45 24 ,,	12 21 ,,	1	6	2	1*e*	10	2·0	5	..	−258·8	1889–1913	..
Venezia (S. Stefano)	45 25 ,,	12 20 ,,	1	5	2	1*a*	11·37	1·25	5	..	−528·2	1896–1920	..
Trieste . .	45 39 ,,	13 46 ,,	1	8	8	1*d*	10	2·0	5	..	p. 145	1905–14	..
				3								1920–2	
					4				1			1927–36	
Pola . .	44 52 ,,	13 51 ,,	1	7	7	1*d*	10	2·0	1	..	0·0	1897–1912	..

TABLE B: Monthly and Annual Mean Heights of Sea-Level

PORTO MAURIZIO. The mean values increase downwards; the unit is 1 metre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1896	..	..	..	..	..	..	..	·556	·550	·502	·442	·477	(·505)
1897	·477	·641	·616	·564	·508	·518	·539	·562	·533	·526	·637	·638	·565
1898	·723	·620	·527	·549	·530	·531	·566	·594	·591	·426	·471	·615	·562
1899	·564	·601	·663	·597	·559	·585	·575	·560	·476	·489	·587	·497	·563
1900	·539	·439	·543	·617	·511	·545	·567	·527	·578	·518	·439	·548	·531
1901	·602	·590	·533	·579	·600	·564	·564	·567	·479	·489	·497	·455	·543
1902	·604	·465	·554	·516	·578	·539	·578	·531	·555	·444	·508	·532	·534
1903	·603	·745	·681	·539	·570	·502	·541	·572	·575	·503	·533	·428	·566
1904	·603	·486	·556	·607	·624	·549	·563	·540	·544	·560	·527	·525	·557
1905	·635	·707	·622	·564	·577	·540	·557	·557	·558	·490	·441	·630	·573
1906	·620	·610	·596	·634	·549	·569	·557	·567	·594	·526	·494	·516	·569
1907	·668	·616	·683	·542	·582	·570	·580	·575	·565	·448	·465	·505	·567

( ), the enclosed mean value has been calculated from an incomplete series of observations.

ITALY

TABLE B—*continued.*

PORTO MAURIZIO—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1908	·604	·700	·605	·565	·613	·573	·568	·539	·611	·581	·523	·534	·585
1909	·626	·598	·476	·624	·625	·596	·585	·552	·530	·516	·434	·466	·552
1910	·580	·531	·605	·537	·485	·523	·516	·556	·525	·517	·436	·442	·521
1911	·539	·490	·458	·567	·540	·568	·596	·529	·549	·494	·453	·524	·526
1912	·531	·434	·592	·580	·574	·489	·506	·508	·501	·528	..	·606	(·532)
1913	·582	·607	·623	·501	·558	·572	·501	·520	·470	·457	·475	·522	·532
1914	·547	·593	·574	·638	·579	·533	·500	·537	·548	·502	·389	·478	·534
1915	·442	·523	·541	·571	·539	·500	·527	·520	·543	·488	·443	·466	·509
1916	·638	·579	·366	·537	·516	·505	·536	·481	·476	·504	·428	·332	·492
1917	·399	·496	·477	·520	·534	·576	·503	·520	·569	·498	·525	·567	·516
1918	·546	·702	·597	·480	·548	·539	·488	·512	·460	·479	·512	·505	·534
1919	..	..	·519	·499	·577	·561	·519	·514	·513	·487	·392	·530	(·511)
1920	·542	·667	·623	·514	·576	·541	·534	·509	·517	·453	·497	·492	·539
1921	·365	·598	·699	·557	·556	·522	·547	·511	·537	·538	·487	·530	·554
1922	·518	·516	·509	·518	·584	·534	·565	..	..	..	..	..	(·535)

GENOVA. The mean values increase downwards; the unit is 1 metre.

1883	..	..	..	..	..	..	..	..	..	1·0235	·9905	1·0720	..
1884	1·1270	1·1230	1·0870	·9110	1·0265	·9755	·9905	·9755	·9965	·9785	1·0120	·9490	1·0127
1885	1·1085	1·0905	1·0445	1·0060	·9645	1·0435	1·0175	·9435	·9610	·8830	·9135	1·0225	·9999
1886	·9770	1·0710	1·0525	1·0490	1·0600	·9495	1·0120	·9895	1·0265	·9514	·9410	·8790	·9965
1887	1·0310	1·1700	1·0420	1·0220	1·0400	1·0390	1·0150	·9740	·9690	·9570	·8460	·9180	1·0019
1888	1·1770	·9725	·9270	·9390	1·0440	1·0040	·9650	1·0010	·9840	·9340	·9735	1·0155	·9804
1889	1·0415	1·0170	·9825	·9560	·9600	·9720	·9955	1·0105	·9440	·8710	1·0500	1·0625	·9885
1890	1·0890	1·0950	1·0430	·9640	·9345	1·0110	1·0075	·9850	1·0665	1·0512	·9292	·9423	1·0075
1891	1·0155	1·1924	·9634	1·0078	·9401	·9948	·9942	1·0099	1·0374	·9425	·9222	1·0433	1·0053
1892	·950	·908	·961	·993	1·012	1·002	·979	1·003	1·018	·880	1·019	1·039	·980
1893	·957	1·071	1·083	1·094	1·017	1·006	·983	·999	·941	·946	·871	1·017	·999
1894	1·074	1·168	1·106	1·017	·985	1·036	1·018	1·013	·981	·911	1·003	·984	1·025
1895	·865	·919	·958	·992	1·048	1·015	·982	1·008	1·054	·879	1·009	..	(·975)
1896	1·086	1·167	1·086	1·079	1·033	·981	·986	·965	·963	·881	·883	·880	·999
1897	·909	1·051	1·026	·994	·931	·978	·963	·988	·966	·964	1·084	1·040	·991
1898	1·158	1·035	·992	·957	·952	·948	1·003	1·028	1·014	·852	·913	1·009	·987
1899	·992	1·013	1·101	1·019	1·003	1·006	1·008	·989	·903	·953	1·027	·948	·996
1900	·917	·863	·956	1·026	·921	·959	·995	·959	1·018	·948	·863	·983	·951
1901	1·042	1·009	·962	·996	1·021	·990	·993	1·002	·908	·916	·922	·878	·970
1902	1·032	·877	·991	·939	·988	·956	1·018	·935	·969	·870	·910	·913	·955
1903	1·023	1·162	1·069	·952	·974	·904	·956	·982	·981	·916	·922	·836	·973
1904	1·018	·895	·970	1·020	1·027	·956	·976	·958	·960	·985	·964	·952	·973
1905	1·084	1·126	1·032	·978	·991	·954	·974	·972	·967	·917	·859	1·062	·992
1906	1·049	1·032	1·005	1·054	·958	·978	·972	·983	1·008	·916	·907	·946	·987
1907	1·259	1·135	1·118	·974	1·015	1·002	1·007	·980	1·066	·863	·898	·912	·989
1908	1·036	1·120	1·035	·992	1·039	·999	·996	·967	1·054	1·021	·973	·980	1·017
1909	1·078	1·039	·893	1·055	1·045	1·016	1·013	·988	·973	·949	·862	·878	·982
1910	1·002	·967	1·053	·940	·925	..	..	..	..	..	..	..	(·977)
1928	1·042	..	·997	·875	·920	·941	·993	·922	·914	·923	·831	·929	(·935)
1929	·992	1·005	1·098	1·004	·989	·956	·980	·965	·963	·907	..	..	(·986)
1930	..	..	..	·828	·926	·954	·892	·953	·932	·899	·914	·912	(·912)
1931	·958	·953	·888	·956	·970	·965	·940	·911	·958	·953	·892	1·053	·950
1932	1·071	1·085	·967	1·000	·959	·962	·935	·992	·918	·854	·913	·983	·970
1933	1·006	·961	1·027	1·041	·929	·885	·974	·965	·900	·854	·815	·868	·936
1934	1·033	1·125	·944	·888	·932	·927	·933	·931	·971	·995	·854	·843	·948
1935	·966	·972	1·049	·987	·961	·990	·970	·903	·965	·868	·831	·823	·940
1936	·826	·835	·877	·871	·911	·903	·907	·978	·923	·903	·903	1·010	·904

( ), the enclosed mean values have been calculated from an incomplete series of observations.

ITALY

TABLE B—*continued.*

LIVORNO. The mean values increase upwards; the unit is 1 metre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1896	·397	·302	·381	·391	·438	·491	·470	·513	·500	·565	·615	·590	·471
1897	·567	·441	·453	·495	·547	·496	·512	·481	·507	·522	·398	·406	·485
1889	·285	·430	·516	·487	·494	·497	·433	·407	·424	·589	·546	·472	·465
1899	·493	·484	·380	·460	·470	·462	·463	·475	·565	·521	·449	·535	·480
1900	·510	·636	·545	·479	·573	·529	·486	·515	·471	·538	·630	·517	·536
1901	·464	·498	·548	·509	·475	·498	·486	·482	·579	·582	·579	·606	·525
1902	·449	·628	·528	·560	·507	·542	·508	·537	·508	·635	·562	·563	·544
1903	·471	·326	·430	·534	·505	·578	·524	·495	·508	·561	·563	·668	·514
1904	·488	·611	·541	·485	·469	·536	·507	·530	·528	·516	·526	·548	·524
1905	·422	·375	·477	·516	·499	·545	·505	·506	·508	·571	·626	·417	·497
1906	·440	·459	·488	·431	·516	·509	·504	·492	·478	·534	·557	·534	·495
1907	·363	·416	·338	·482	·431	·470	·461	·458	·467	·603	·586	·565	·470
1908	·451	·357	·456	·491	·456	·479	·475	·504	·426	·452	·508	·508	·464
1909	·388	·426	·570	·444	·425	·453	·461	·479	·505	·521	·615	·594	·490
1910	·477	·578	·489	·556	·590	·531	·526	·473	·510	·500	·590	·582	·534
1911	·378	·328	·413	·488	·492	·457	·413	·495	·464	..	..	..	(·436)

CIVITAVECCHIA. The mean values increase downwards; the unit is 1 metre.

1896	..	..	..	..	..	..	1·003	·956	·977	·905	·809	·854	(·917)
1897	·877	·999	·996	·962	·915	·941	·946	·976	·958	·914	1·007	·983	·956
1898	1·113	·990	·898	·938	·945	·942	1·003	..	..	..	..	·963	(·974)
1899	·947	·946	1·059	·995	·992	1·003	·984	·977	·892	·936	·987	·876	·966
1900	·916	·802	·927	·973	·897	·938	·961	·946	·989	·918	·823	·942	·919
1901	·970	·938	·929	·965	·988	·973	·988	·991	·896	·899	·887	·850	·939
1902	1·000	·849	·955	·911	·985	·953	·994	·960	·957	·826	·891	..	(·935)
1903	1·065	1·137	1·010	·922	·948	·889	·956	·988	·959	·911	·908	·785	·956
1904	·954	·859	·915	·963	1·005	·944	·961	·960	·952	·933	·938	·907	·941
1905	1·015	1·090	·986	·950	·963	·938	·963	·964	·956	·886	·838	1·006	·963
1906	·994	·955	·965	1·024	·936	·946	·976	·977	·979	·917	·891	·879	·953
1907	1·027	·980	1·057	·934	·996	1·006	1·009	·996	·978	·868	·863	·903	·968
1908	·989	1·079	·984	·974	1·038	1·005	·999	·966	1·043	·980	·906	·938	·992
1909	1·015	·982	·845	1·007	1·038	1·031	1·013	·975	·928	·940	·847	·877	·958
1910	·991	·893	1·011	·963	·902	·939	·964	1·011	·981	·926	·866	·829	·940
1911	1·011	1·095	1·017	·931	·932	·977	1·013	·949	..	..	·929	·941	(·980)
1912	·916	·829	1·027	·984	·985	·911	·943	·941	·950	·921	·894	·992	·941
1913	·990	1·011	1·078	·945	·996	1·016	·948	·953	·896	·879	·921	·968	·967
1914	·949	1·000	·967	1·050	1·004	·964	·968	·991	·984	·931	·796	·878	·956
1915	·831	·903	·904	·959	·951	·931	·962	·963	·975	·898	·868	·858	·917
1916	1·041	·979	·764	·931	·922	·949	·960	·917	·902	·930	·826	·755	·906
1917	·781	·851	·870	·897	·930	·990	·938	·936	·990	·912	·889	·943	·911
1918	·931	1·097	·984	·888	·959	1·157	·939	·973	·898	·860	·904	·901	·950
1919	·845	·859	·914	·885	·990	·994	·964	·957	·930	·908	·802	·930	·915
1920	·931	1·075	1·034	·936	·995	·974	·974	·952	·958	·859	·892	·874	·951
1921	·962	·977	1·085	·950	·967	·939	..	·950	·966	·944	·864	·919	(·961)
1922	·901	·921	·923	·914	·992	·950	..	..	..	..	..	..	(·933)

NAPOLI (ARSENALE). The mean values increase downwards; the unit is 1 metre.

1899	·889	·935	·978	·920	·894	·895	..	..	·806	·887	·901	·800	(·890)
1900	·818	·723	·844	·900	·802	·862	·870	·840	·906	·843	..	·845	(·841)
1901	·884	·839	·857	·871	·881	·862	·877	·871	·808	·798	·752	·771	·839
1902	·917	·794	·856	·815	·900	·839	·883	·852	·861	·728	·802	..	(·841)
1903	·902	1·018	·922	·835	·864	·789	·832	·865	·855	·814	·838	·705	·853
1904	·866	·767	·826	..	·900	·839	·836	·837	·844	·814	·827	·802	(·833)
1905	·921	·980	·886	·851	·897	..	·854	·860	·835	·748	..	·892	(·872)

( ), the enclosed mean values have been calculated from an incomplete series of observations.

ITALY

TABLE B—*continued.*

NAPOLI (ARSENALE)—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1906	·887	·854	·866	·929	·810	·820	·844	·835	..	·847	·818	·777	(·844)
1907	·916	·844	·938	·850	·885	·861	·893	·863	·871	·796	·802	·816	·861
1908	·914	·959	·889	·852	·904	·870	·884	..	·925	·882	·832	·849	(·887)
1909	·908	·893	·732	·890	·900	·907	·879	·838	·821	·822	·713	·761	·839
1910	·876	·776	·897	·848	·764	·884	·856	·875	·815	·814	·723	..	(·829)
1911	..	..	·872	·806	·798	·864	·887	·831	·838	·797	·752	·807	(·825)
1912	·809	·731	·917	·878	..	·808	·813	·874	·797	..	·766	·855	(·825)
1913	·860	·847	·852	·818	·862	..	·832	·811	·798	·779	·807	·849	(·831)
1914	·800	·827	·839	·945	·913	..	..	..	..	·825	·672	·809	(·828)
1915	·774	·792	·816	·842	·839	·803	·849	·819	·858	·771	·723	·790	·806
1916	·916	·868	·660	·814	·789	·829	·856	·805	·785	·785	·705	·677	·791
1917	·673	·734	·761	·780	·826	·871	·811	·806	·869	·787	·779	·819	·793
1918	·804	·984	·871	·793	·828	·823	·804	·842	·926	·749	·803	·788	·835
1919	·724	·680	·731	·709	·823	·800	·791	·777	·755	·728	·684	·770	·748
1920	·825	·946	·919	·827	·881	·837	·860	·833	·824	·754	·802	·753	·838
1921	·845	·889	·988	·839	·856	·809	·863	·839	·863	·818	·752	·789	·846
1922	·776	·760	·750	·821	·885	·841	..	..	..	..	..	..	(·806)

NAPOLI (MANDRACCIO). The mean values increase downwards; the unit is 1 metre.

1896	..	..	..	..	..	·316	·348	..	·328	·315	·180	·225	(·285)
1897	·251	·350	·373	·332	·254	·300	·304	·314	·308	·252	·415	·356	·317
1898	·492	·344	·270	·294	·289	·301	·322	·333	·347	·196	·260	·309	·313
1899	·324	·334	·415	·341	·343	·338	·322	·322	·251	·295	·352	·239	·323
1900	·267	·188	·290	·345	·243	·307	·312	·286	·346	·276	·181	·268	·276
1901	·323	·290	·284	·316	·335	·304	·319	·302	·241	·245	·226	·207	·283
1902	·351	·225	·307	·271	·338	·296	·332	·236	·313	·180	·244	..	(·281)
1903	·369	·466	·365	·273	·312	·240	·293	·315	·305	·273	·268	·142	·302
1904	·312	·208	·277	·315	·356	·287	·292	·269	..	·263	·286	·262	(·284)
1905	·356	·419	·303	..	..	·283	·304	·312	·291	·200	·172	·353	(·299)
1906	·333	·301	·314	·372	·262	·275	·281	·298	·313	·261	·249	·200	·288
1907	·366	·293	·384	·279	·312	·312	·333	·316	·335	·230	·224	·236	·302
1908	·314	·394	·301	·286	·354	·311	·330	·311	·376	·321	·259	·270	·319
1909	·355	·323	·202	·374	·359	·359	·348	·290	·282	·278	·182	..	(·305)
1910	·316	·237	·349	·301	·234	·272	·283	·305	·264	·277	·164	·193	·266
1911	·380	·437	·362	·281	·259	·313	·327	·274	·316	·249	·219	·253	·306
1912	·267	·194	·384	·302	·318	·230	·262	·266	·252	·276	·225	·338	·276
1913	·335	·349	·416	·288	·327	·348	·269	·276	·227	·220	·241	·292	·299
1914	·255	..	..	·312	·295	·248	·268	·301	·304	·285	·117	·207	(·260)
1915	·108	..	·218	·267	·270	..	·275	·244	·275	·207	·166	·215	(·226)
1916	·368	·314	·094	·261	·225	·279	·294	·242	·213	·231	·141	·085	·231
1917	·113	·188	·204	·221	·280	·321	·254	·253	·311	·216	·209	·280	·238
1918	·273	428	·326	·225	·265	·274	·244	·308	·259	·147	·204	·158	·257
1919	..	..	·146	·156	·266	·306	·279	·263	·260	·208	·106	·208	(·220)
1920	·257	·422	·355	·260	·317	·287	·301	·264	·300	·183	·233	·167	·275
1921	·267	·297	·424	·281	·286	·243	·311	·276	·298	·258	·170	·214	·279
1922	·177	·201	·277	·251	·336	·278	..	..	..	..	..	..	(·260)

MESSINA. The mean values increase downwards; the unit is 1 metre.

1897	1·211	1·159	1·155	1·092	1·041	1·080	1·095	1·085	1·092	1·051	1·183	1·141	1·115
1898	1·278	1·194	1·059	1·089	1·091	1·090	1·111	1·110	1·136	·985	1·087	1·088	1·109
1899	1·112	1·121	1·202	1·139	1·136	1·141	1·123	1·118	1·057	1·115	1·133	1·025	1·118
1900	1·060	·962	1·118	1·129	1·059	1·133	1·112	1·079	1·147	1·083	1·004	1·068	1·080
1901	1·095	1·066	1·088	1·130	1·148	1·100	1·131	1·101	1·054	1·052	1·011	1·008	1·082
1902	1·135	1·029	1·091	1·076	1·148	1·110	1·133	1·087	1·099	·988	1·007	·999	1·075

( ), the enclosed mean values have been calculated from an incomplete series of observations.

ITALY

TABLE B—*continued.*

MESSINA—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1903	1·125	1·242	1·147	1·063	1·107	1·034	1·092	1·110	1·116	1·071	1·070	·974	1·096
1904	1·085	1·001	1·081	1·120	1·174	1·120	1·097	1·080	1·081	1·059	1·044	1·039	1·082
1905	1·100	1·202	1·107	1·094	1·132	1·081	1·096	1·092	1·094	1·011	·989	1·148	1·095
1906	1·107	1·080	1·117	1·174	1·054	1·085	1·110	1·102	1·118	1·062	1·074	·985	1·089
1907	1·153	1·076	1·170	1·069	1·135	1·102	1·127	1·110	1·122	1·048	1·027	1·022	1·097
1908	1·106	1·188	1·120	1·098	1·173	1·129	1·144	1·108	1·180	1·141	1·044	..	(1·130)
1909	..	..	..	·718	·684	·669	·639	·571	·567	·567	·460	·492	(·596)
1910	·547	·479	·616	·484	·449	·514	·513	·568	·501	·514	·387	·414	·499
1911	·557	·595	·546	·422	·371	·524	·557	·463	·473	·441	·399	·416	·480
1912	·413	·355	·528	·486	·499	·412	·452	·440	·408	·433	·346	·460	·436
1913	·458	·452	·532	·413	·442	·478	·400	·396	·380	·335	·317	·390	·416
1914	·360	·479	·414	·514	·472	·392	·419	·409	·403	·361	·240	·328	·399
1915	·253	·343	·366	·381	·399	·374	·381	·336	·393	·320	·261	·309	·343
1916	·394	·376	·204	·332	·350	·381	·369	·338	·317	·342	·247	·194	·320
1917	·223	·241	·266	·299	·369	·416	·328	·326	·388	·274	·224	·320	·306
1918	·331	·474	·356	·291	·341	·360	·328	·363	·299	·242	·268	·240	·324
1919	·224	·202	·300	·269	·370	·383	·332	·322	·283	·237	·182	·258	·280
1920	·285	·445	·373	·315	·370	·351	·345	·297	·348	·230	·263	·220	·320
1921	·299	·352	·443	·309	·337	·275	·351	·294	·314	·311	·211	·246	·312
1922	·214	·246	·290	·256	·366	·310	·339	·309	·279	·176	·240	·268	·275
1923	·323	·237	..	..	..	..	..	..	..	..	..	..	(·280)

PALERMO. The mean values increase downwards; the unit is 1 metre.

1896	..	..	..	..	..	·641	·639	..	..	·517	·444	·554	(·559)
1897	·556	·596	·625	·594	·515	·591	·571	·602	·581	·571	·677	·637	·593
1898	·707	..	·532	·605	·606	·597	·621	·607	·624	·448	·532	..	(·588)
1899	..	·636	·686	·641	·639	·696	·639	·616	·539	·489	·624	·583	(·617)
1900	..	..	..	·642	·567	·623	·621	·574	·609	·546	·492	·608	(·587)
1901	·628	·583	·597	·641	·661	·616	·639	·620	·542	·521	·523	·512	·590
1902	·656	·512	·602	·560	·648	·607	·652	·602	·581	·477	·534	·521	·579
1903	·635	·743	·652	·591	·602	·527	·598	·624	·597	·547	·547	·452	·593
1904	·590	·513	·571	·617	·663	·591	·590	·557	·563	·549	·543	·546	·574
1905	·602	·694	·599	·595	·615	·563	·574	·572	·552	·501	·454	·627	·579
1906	·604	·597	·594	·642	·546	·587	·599	·581	·587	·525	·532	·484	·573
1907	·658	·586	·683	·560	·620	·600	·612	·622	·601	..	·573	·522	(·603)
1908	·610	·676	·599	·598	·658	·609	·625	·594	·648	·586	·544	·557	·609
1909	·640	·612	·506	·651	·654	·632	·639	·573	·559	..	..	·506	(·597)
1910	·594	·523	·639	·596	·526	·571	·569	·630	·572	·572	..	..	(·579)
1911	..	·732	·624	·546	·562	·618	·634	·569	·577	·532	·489	·549	(·585)
1912	·550	·502	·662	·618	·625	·551	·572	·574	·551	·560	·535	·632	·578
1913	·629	·634	·685	·599	·639	·650	·597	·595	·527	·512	·557	·607	·604
1914	·576	·657	·632	·712	·665	·620	·610	·622	·615	·574	·429	·559	·605
1915	·498	·569	·584	·610	·616	·590	·612	·571	·606	·539	·478	·524	·566
1916	·701	·605	..	..	·575	·614	·604	..	·548	·566	·484	·446	(·563)
1917	·470	·515	·537	·550	·589	·645	·568	·560	·624	·539	·524	·590	·559
1918	·578	·734	·611	·515	·597	·599	·579	·605	·531	·509	·529	·528	·575
1919	·505	·498	·587	·556	·650	·644	·589	·589	·505	·510	·441	·528	·550
1920	·512	..	·656	·596	·657	·613	·621	·587	·597	·508	·529	·503	(·570)
1921	·594	..	·719	·613	·618	·568	·636	·580	·626	·607	·529	·545	(·588)
1922	·536	·528	·629	·607	·651	·585	..	..	..	..	..	..	(·581)

MAZARA DEL VALLO. The mean values increase downwards; the unit is 1 metre.

1909	·650	·629	·511	·652	·666	·677	·682	·649	·621	·505	·303	·363	·576
1910	·418	·450	·615	·738	·542	·439	·469	·517	·476	·433	·300	·277	·473
1911	·426	·483	·456	·427	·407	·494	·498	·430	·439	·377	·318	·391	·429
1912	·345	·417	·493	·439	·463	·410	·445	·440	·410	·389	·353	·438	·420

( ), the enclosed mean values have been calculated from an incomplete series of observations.

ITALY

TABLE B—*continued.*

MAZARA DEL VALLO—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1913	·420	·435	·501	·412	·481	·513	·473	·438	·366	·314	·358	·365	·423
1914	·353	·498	·417	·503	·474	·448	·465	·463	·479	·387	..	·393	(·444)
1915	·251	·354	·379	·419	·435	·427	·450	·421	·411	·353	·306	·319	·377
1916	·487	·392	·234	·389	·425	·410	·425	·387	·363	·384	..	..	(·390)

CATANIA. The mean values increase downwards; the unit is 1 metre.

1896	..	..	..	..	..	·977	·969	·933	·950	·909	·943	·859	(·934)
1897	·899	·970	·976	·922	·877	·919	·887	·913	·903	·877	·996	·924	·922
1898	1·103	·938	·916	·949	·942	·943	·953	·910	·959	·843	·926	·904	·943
1899	·928	·971	..	·967	·988	·980	·946	·927	·891	·931	·948	·867	(·940)
1900	..	·804	·968	·998	·921	·964	·934	·882	·966	·931	·856	·915	(·922)
1901	·949	·928	·948	·985	·986	·931	·936	·895	·874	·887	·842	·879	·920
1902	·996	·876	·928	·915	·987	·952	·934	·901	·897	·815	·838	·814	·904
1903	·981	1·083	·990	·925	·942	·892	·925	·928	·925	·905	·887	·762	·929
1904	·924	·863	·866	·945	·974	·935	·891	·885	·898	·883	·857	·829	·896
1905	·951	1·054	·956	·949	·979	·925	·913	·889	·916	·864	·850	1·049	·941
1906	·950	·904	·961	1·037	·935	·935	·931	·914	·937	·873	·893	·814	·924
1907	1·005	·918	1·036	·929	·997	·967	·966	·916	·935	·900	·886	·887	·945
1908	·932	1·039	·913	·963	1·044	..	..	..	·970	·919	·865	·893	(·949)
1909	..	..	·854	1·027	1·003	1·007	·983	·943	·923	·909	·827	·895	(·937)
1910	·916	·863	1·009	·944	·881	·935	·944	·957	·929	·951	·856	·873	·921
1911	·983	1·067	1·017	·902	·925	·988	·995	·918	·929	·933	·865	·891	·951
1912	·913	·856	1·039	·996	·988	·907	·931	·916	·888	·909	·830	·957	·928
1913	·980	·963	..	..	..	..	·927	·915	·885	·854	·895	·939	(·920)
1914	·895	1·032	·977	1·076	1·007	·923	·919	·923	·929	·897	·740	·876	·933
1915	·823	·913	·948	·954	·975	·911	·909	·884	·936	·885	·823	·889	·903
1916	1·012	·950	..	·927	·935	·949	·920	·880	·895	·918	·848	·791	(·913)
1917	·809	·835	·860	·890	·954	·938	·837	·824	·903	..	..	..	(·872)
1918	..	..	..	..	..	..	·934	·884	·828	·814	·855	·838	(·858)
1919	·885	·845	·985	·948	1·037	1·041	·984	·955	·903	·864	..	·922	(·950)
1920	·924	..	·980	·926	·997	·966	..	..	..	..	..	..	(·958)

TARANTO. The mean values increase downwards; the unit is 1 metre.

1896	1·181	1·255	1·164	1·160	1·102	1·055	1·077	1·053	1·042	1·000	·930	·941	1·080
1897	·971	..	..	1·034	·945	1·006	·989	1·053	1·007	..	1·148	1·156	(1·034)
1898	1·273	..	..	..	1·056	1·062	..	..	..	..	..	..	(1·130)
1906	·816	·755	·835	·900	·820	·710	·745	·715	·765	·750	·760	·670	·770
1907	1·090	·800	·700	·680	·640	·710	·790	·790	·690	·800	·790	·790	·772
1908	·790	·721	·746	·702	·671	·702	·723	·724	·686	·719	·737	·757	·723
1909	·708	·686	·742	·861	·851	·825	·795	·752	·753	·756	·655	·729	·759
1910	·797	·715	·856	·784	·713	·740	·749	·773	·737	·781	·642	·700	·749
1911	·826	·930	·886	·765	·771	·837	·821	·747	·768	·755	·756	·750	·801

ANCONA. The mean values increase downwards; the unit is 1 metre.

1896	..	..	..	..	..	..	·440	·375	·385	·351	·178	·203	(·322)
1897	·198	·402	·379	·341	·267	·366	·351	·390	·370	·274	·428	·384	·346
1898	·607	·384	·344	..	..	·358	·380	·402	·422	·232	·258	·348	(·374)
1899	·322	·421	·461	·415	·419	·424	·407	·415	·292	·370	·409	·251	·384
1900	·264	·171	·354	·351	·298	·348	·389	·350	·445	·302	·168	·299	·312
1901	·384	·380	·316	·418	·420	·376	·385	·394	·272	·217	·220	·171	·329
1902	·421	·165	·343	·358	·363	·355	·403	·347	·360	·191	·265	·319	·324

( ), the enclosed mean values have been calculated from an incomplete series of observations.

ITALY

TABLE B—*continued.*

ANCONA—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1903	·399	·592	·406	·309	·431	·316	·373	·403	·393	·300	·289	·110	·360
1904	·300	·249	·345	·392	·424	·348	·348	·355	·358	·272	·246	·287	·327
1905	·413	·504	·368	·339	·362	·302	..	..	·354	·233	·153	·416	(·344)
1906	·413	·288	·401	·478	·302	·338	·398	·383	·424	·332	·284	·179	·352
1907	·468	·329	·528	·305	·421	..	..	..	..	..	..	·375	(·404)
1908	..	..	..	..	..	·431	·382	·405	·475	·359	·365	..	(·403)
1909	..	..	..	..	·412	·432	·403	·359	·361	·321	·221	·247	(·344)
1910	·262	·356	·378	·308	·307	·338	·315	..	..	·365	·332	..	(·329)

PORTO CORSINI. The mean values increase downwards; the unit is 1 metre.

1896	..	..	..	..	..	..	..	·253	·271	..	−·017	·056	(·141)
1897	·106	·295	·303	·222	·176	·272	·254	·280	·237	·132	·345	·212	·236
1898	·450	·337	·207	·231	·183	·204	·246	·320	·344	·146	·141	·255	·255
1899	·197	·210	·260	·268	·289	·282	·313	·295	·195	·285	·347	·193	·261
1900	·151	·083	·230	·247	·160	·210	·265	·226	·278	·210	·013	·212	·190
1901	·353	·265	·180	·298	·299	·234	·280	·281	·168	·109	·124	·074	·222
1902	·303	·024	·212	·232	·226	·234	·269	·244	·258	·094	·183	·227	·209
1903	·320	·459	·341	·212	·281	·189	·270	·283	·273	·201	·193	·035	·255
1904	·251	·114	·231	·241	·313	·236	·264	·272	·281	·174	·195	·199	·231
1905	·326	·401	·222	·222	·214	·196	·242	·280	·253	·146	·007	·324	·236
1906	·307	·194	·247	·340	·201	·237	·292	·278	·313	·220	·161	·095	·240
1907	·313	·309	·387	·162	·277	·266	·331	·297	·313	·123	·189	·194	·263
1908	·422	·392	·340	·269	·358	·295	·300	·260	·353	·307	·220	·199	·310
1909	·319	·282	·091	·261	·302	·313	·296	·265	·261	·243	·108	·092	·236
1910	·204	·105	·331	·155	·166	·172	·204	·268	·194	·188	·026	·022	·170
1911	·232	·410	·303	·161	·190	·243	·259	·250	·246	·170	·130	·167	·230
1912	·209	·083	·279	·218	·253	·178	·250	·227	·203	·219	·148	·292	·213
1913	·279	·336	·386	·189	·253	·246	·200	·208	·163	·136	·136	·213	·229
1914	·186	·247	·133	·316	·233	·157	·206	·220	·204	·196	−·031	·066	·178
1915	−·038	−·053	·165	·181	·162	·120	·144	·137	·199	·072	·033	·053	·098
1916	·308	·224	−·003	·155	·176	·185	·197	·152	·121	·179	−·018	−·092	·129
1917	−·077	·097	·058	·109	·180	·253	..	..	·243	·090	·046	·150	(·115)
1918	·231	·385	·268	·133	·181	·170	·191	·230	·158	·075	·177	·198	·200
1919	·055	·103	·176	·117	·264	·266	·183	·198	·189	·107	·002	·148	·151
1920	·180	·398	·301	·152	·275	·207	·236	·190	·228	·060	·168	·096	·208
1921	·259	·301	·395	·227	·275	·212	·280	·272	·326	·290	·189	·251	·273
1922	·304	·264	·240	·138	·332	·204	..	..	..	..	..	..	(·247)

VENEZIA (DIGA SUD DI LIDO). The mean values increase upwards; the unit is 1 metre.

1917	1·740	1·590	1·611	1·499	1·543	1·489	1·559	1·532	1·499	1·673	1·618	1·528	1·573
1918	1·465	1·322	1·433	1·566	1·496	1·503	1·551	1·498	1·582	1·628	1·501	1·517	1·507
1919	1·630	1·554	1·502	1·573	1·430	1·479	1·556	1·530	1·532	1·584	1·683	1·554	1·552
1920	1·536	1·312	1·422	1·542	1·383	1·464	1·442	1·465	1·438	1·577	1·443	1·544	1·467
1921	1·388	1·396	1·291	1·437	1·421	1·505	1·436	1·462	1·396	1·457	1·538	1·454	1·430
1922	1·471	1·430	1·504	1·364	1·405	1·459	1·444	1·496	1·520	1·659	1·490	1·496	1·478
1923	1·396	1·548	1·480	1·629	1·457	1·478	1·453	1·533	1·467	1·554	1·682	1·650	1·526
1924	1·519	1·544	1·448	1·474	1·497	1·524	1·535	1·536	1·545	1·540	1·512	1·494	1·514
1925	1·304	1·461	1·429	1·499	1·433	1·532	1·531	1·497	1·529	1·580	1·666	1·626	1·507
1926	1·530	1·525	1·425	1·524	1·578	1·554	1·539	1·487	1·480	1·629	1·704	1·572	1·545
1927	1·641	1·364	1·484	1·487	1·493	1·533	1·552	1·542	1·546	1·559	1·658	1·702	1·549
1928	1·423	1·356	1·544	1·628	1·561	1·514	1·469	1·526	1·541	1·552	1·693	1·553	1·531
1929	1·487	1·452	1·303	1·454	1·467	1·588	1·468	1·480	1·459	1·560	1·619	1·561	1·485
1930	1·439	1·563	1·460	1·597	1·563	1·499	1·585	1·518	1·577	1·637	1·623	1·611	1·556
1931	1·578	1·674	1·606	1·536	1·538	1·557	1·576	1·576	1·549	1·566	1·609	1·444	1·567
1932	1·410	1·328	1·511	1·535	1·536	1·544	1·549	1·477	1·546	1·668	1·613	1·487	1·517
1933	1·507	1·549	1·394	1·429	1·528	1·583	1·493	1·500	1·567	1·635	1·755	1·694	1·549
1934	1·488	1·345	1·637	1·584	1·579	1·558	1·547	1·557	1·533	1·530	1·685	1·701	1·565

( ), the enclosed mean values have been calculated from an incomplete series of observations.

ITALY

TABLE B—*continued.*

VENEZIA (ARSENALE). The mean values increase downwards; the unit is 1 metre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1889	1·0155	·9350	·8915	·9025	·8940	·8995	·9375	·9555	·9280	·7440	1·0250	1·0210	·9291
1890	1·0575	1·0750	·9665	·8810	·8875	·9850	..	·9120	..	·9820	·8255	·8310	(·9403)
1891	·9700	1·2290	·9820	·9315	·8825	·8970	·9290	·9435	·9590	·8050	·8220	·9780	·9440
1892	·6870	·8455	·7755	..	·9395	·9125	·9235	·9655	·9630	·8130	·9455	·9900	(·8873)
1893	·8785	1·0375	1·0925	1·0560	·9450	1·0690	·9425	·9785	·9195	·9075	·8190	·9745	·9683
1894	·9746	1·1745	1·1055	·9890	·9545	·9955	·9665	·9915	·9400	·8430	·9370	·8995	·9790
1895	·6930	·8410	·8490	·8715	·9400	·9095	·8965	·9960	1·0310	·7985	·9345	·8040	·8804
1896	1·0[illegible]55	1·144	1·018	..	·977	·895	·950	·890	·889	·768	·699	·767	(·914)
1897	·731	·987	·921	·805	·797	·913	·885	·901	·847	·817	1·036	·938	·881
1898	1·171	·970	·858	·873	·843	·858	·933	·968	·979	·771	·797	·936	·911
1899	·911	·979	1·047	·951	·944	·934	·959	·862	·820	·931	1·004	·844	·932
1900	·856	·737	·881	·941	·827	·873	·919	·898	·987	·889	·724	1·029	·880
1901	·965	·919	·838	·945	·947	·895	·933	·920	·806	·780	·789	·739	·873
1902	·953	·737	·843	·863	·879	·882	·893	·869	·911	·745	·844	·887	·859
1903	1·003	1·154	1·040	·894	·931	·853	·923	·946	·930	·815	·827	·692	·917
1904	·940	·782	·905	·934	·960	·860	·918	·916	·913	·874	·916	·871	·899
1905	1·016	1·079	·930	·845	·870	·841	·900	·892	·872	·819	·680	1·019	·897
1906	·981	·884	·916	1·006	·849	·890	..	·933	·956	·867	·811	·767	(·896)
1907	1·044	·671	·759	..	·935	·938	·941	·959	·972	·744	·843	·819	(·875)
1908	1·001	1·059	1·022	·970	1·005	·955	·940	·902	·989	·966	·895	·864	·964
1909	1·018	·970	·783	·976	·943	·933	·925	·884	·887	·906	·763	·766	·896
1910	·861	·778	·946	..	..	·819	·847	·903	·863	·880	·683	·707	(·829)
1911	·966	1·089	·967	·854	·858	·918	·975	·912	·891	·826	·751	·820	·902
1912	..	..	..	..	..	·823	·877	·837	·845	·835	·809	·967	(·856)
1913	·950	1·029	1·038	·839	·895	·870	·808	·805	·786	·800	·767	·853	·870

VENEZIA (S. STEFANO). The mean values increase upwards; the unit is 1 metre.

1896	·182	·100	·176	·170	·235	·278	·247	·324	·293	·413	·496	·410	·277
1897	·418	·187	·271	·336	·400	·288	·305	·278	·347	·354	·157	·228	·297
1898	·023	·237	·326	·330	·355	·340	·259	·217	·179	·430	·402	·278	·281
1899	·295	·221	·122	·238	·251	·248	·241	·216	·362	·252	·187	·334	·247
1900	·312	·433	·289	·254	·383	·333	·267	·318	·205	·321	·484	·281	·323
1901	·196	·244	·338	·242	·227	·289	·265	·262	·398	·400	·385	·437	·307
1902	·174	·409	·288	·307	·306	·309	·305	·308	·277	·429	·338	·271	·310
1903	·190	·030	·159	·305	·269	·337	·303	·274	·281	·385	·378	·494	·284
1904	·243	·409	·287	·242	·211	·305	·262	·275	·278	·350	·337	·355	·296
1905	·189	·128	·279	·350	·344	·373	·310	·297	·330	·396	·505	·196	·308
1906	·277	·317	·291	·219	·361	·322	·257	·273	·230	·351	·402	·429	·307
1907	·151	·277	·128	·356	·271	·301	·274	·250	·238	·443	·342	·375	·284
1908	·157	·145	·237	·298	·197	·259	·286	·335	·217	·254	·305	·318	·251
1909	·195	·240	·463	·275	·287	·334	·319	·346	·367	·343	·453	·436	·338
1910	·372	·435	·277	·450	·427	·431	·421	..	..	..	..	..	(·402)
1911	..	..	·344	·503	·462	·362	·313	·252	·270	·348	·407	·298	(·356)
1912	·219	·383	·203	·246	·251	·349	·294	·315	·307	·290	·335	..	(·293)
1913	·251	·088	·089	·283	·224	·242	·331	·322	·351	·377	·384	·289	·269
1914	·316	·248	·367	·200	·317	·382	·359	·329	·358	·388	·546	·466	·356
1915	·549	·470	·380	·359	·380	·397	·387	·393	·362	·479	·513	·491	·430
1916	·222	·354	·580	·391	·388	·411	·385	·389	·409	·384	·512	·550	·415
1917	·528	·269	·318	·344	·292	·234	·297	·299	·220	·390	·305	·476	·331
1918	·232	·137	·254	·378	·314	·344	·358	·300	·392	·437	·307	·346	·317
1919	·414	·378	·324	·407	·273	·274	·352	·341	·345	·398	·497	·439	·370
1920	·463	·237	·374	·462	·345	·304	·254	·272	..	..	..	..	(·334)

( ), the enclosed mean values have been calculated from an incomplete series of observations.

ITALY

TABLE B—*continued.*

TRIESTE. The mean values increase upwards; the unit is 1 metre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1905	1·327	1·315	1·470	1·550	1·503	1·583	1·519	1·580	1·553	1·662	1·724	1·418	1·517
1906	1·430	1·557	1·531	1·472	1·667	1·597	1·458	1·470	1·484	1·558	1·571	1·558	1·529
1907	1·286	1·392	1·289	1·492	1·487	1·447	1·446	1·449	1·440	1·665	1·574	1·599	1·464
1908	1·427	1·376	1·463	1·518	1·462	1·523	1·503	1·529	1·452	1·484	1·541	1·539	1·485
1909	1·385	1·442	1·642	1·434	1·436	1·511	1·496	1·502	1·513	1·527	1·619	1·634	1·512
1910	1·514	1·642	1·494	1·617	1·641	1·619	1·628	1·531	1·558	1·550	1·792	1·705	1·608
1911	1·419	1·325	1·444	1·533	1·533	1·499	1·425	1·510	1·513	1·573	1·646	1·569	1·500
1912	1·494	1·653	1·462	1·442	1·489	1·569	1·513	1·566	1·529	1·525	1·558	1·447	1·521
1913	1·460	1·370	1·395	1·534	1·490	1·491	1·585	1·551	1·588	1·602	1·610	1·516	1·516
1914	1·509	1·472	1·573	1·383	1·517	1·578	1·569	1·528	1·542	1·575	1·693	1·652	1·549
1920	1·581	1·350	1·476	1·614	1·484	..	1·560	1·567	1·573	1·635	1·534	1·654	(1·548)
1921	1·497	1·434	1·353	1·496	1·481	1·537	1·490	1·555	1·459	1·506	1·552	1·492	1·488
1922	1·537	1·483	1·596	1·593	1·467	1·548	1·502	1·538	1·606	1·700	1·600	..	(1·557)
1927	1·673	1·380	1·538	1·530	1·541	1·577	1·595	1·583	1·586	1·577	1·656	1·688	1·577
1928	1·455	1·384	1·545	1·646	1·602	1·532	1·512	1·563	1·539	1·583	1·704	1·539	1·550
1929	1·479	1·410	1·306	1·497	1·516	1·536	1·504	1·517	1·499	1·603	1·638	1·574	1·506
1930	1·489	1·556	1·504	1·629	1·598	1·520	1·608	1·543	1·590	1·651	1·643	1·595	1·577
1931	1·587	1·640	1·608	1·541	1·576	1·592	1·617	1·613	1·565	1·583	1·598	1·415	1·578
1932	1·418	1·301	1·501	1·563	1·578	1·580	1·591	1·511	1·567	1·684	1·605	1·497	1·533
1933	1·475	1·531	1·407	1·433	1·545	1·617	1·506	1·524	1·577	1·609	1·733	1·643	1·550
1934	1·474	1·298	1·636	1·603	1·582	1·549	1·561	1·562	1·533	1·535	1·684	1·707	1·560
1935	1·507	1·541	1·407	1·517	1·541	1·523	1·514	1·516	1·523	1·702	1·717	1·743	1·563
1936	1·725	1·714	1·667	1·696	1·612	1·633	1·606	1·500	1·562	1·623	1·597	1·519	1·621

POLA. The mean values increase downwards; the unit is 1 metre.

1897	1·437	1·650	1·581	1·529	1·481	1·582	1·568	1·584	1·539	1·523	1·679	1·617	1·565
1898	(1·800)	1·611	1·544	1·550	1·503	1·523	1·591	1·625	1·637	1·398	1·457	1·571	(1·557)
1899	1·552	1·606	1·703	1·604	1·594	1·574	1·592	1·605	1·474	1·573	1·640	1·471	1·582
1900	1·501	1·390	1·544	1·570	1·480	1·527	1·570	1·540	1·634	1·515	1·335	1·508	1·509
1901	1·600	1·570	1·480	1·578	1·590	1·540	1·580	1·570	1·450	1·430	1·470	1·390	1·521
1902	1·630	1·400	1·510	1·510	1·540	1·510	1·540	1·520	1·550	1·400	1·480	1·520	1·509
1903	1·610	1·770	1·640	1·530	1·610	1·510	1·580	1·570	1·570	1·480	1·490	1·360	1·560
1904	1·590	1·430	1·540	1·590	1·600	1·540	1·560	1·560	1·580	1·510	1·500	1·480	1·540
1905	1·660	1·707	1·550	1·510	1·560	1·510	1·560	1·570	1·530	1·460	1·350	1·660	1·555
1906	1·621	1·532	1·577	1·653	1·498	1·549	1·580	1·564	1·611	1·525	1·465	1·432	1·551
1907	1·676	1·571	1·719	1·502	1·576	1·563	1·580	1·595	1·612	1·415	1·497	1·473	1·565
1908	1·641	1·697	1·620	1·581	1·645	1·582	1·600	1·571	1·654	1·619	1·540	1·520	1·606
1909	1·660	1·611	1·442	1·641	1·644	1·594	1·574	1·560	1·550	1·559	1·421	1·422	1·556
1910	1·533	1·441	1·608	1·515	1·482	1·486	1·506	1·570	1·533	1·548	1·346	1·392	1·496
1912	1·540	1·426	1·614	1·613	1·592	1·511	1·555	1·517	1·532	1·541	1·497	1·610	1·546
1913	1·592	1·687	1·708	1·540	1·590	1·591	1·512	1·529	1·490	1·474	1·468	1·545	1·561

( ), the enclosed mean values have been calculated from an incomplete series of observations.

YUGOSLAVIA

§ 1. *Authorities.*

1. Geofizički Institut, Zagreb.
2. Hidrografski Ured Mornarice, Split.

§ 2. *Apparatus.*

1. Recording gauge, constructed by:
   a. O. Ganser, Vienna.
   b. A. Ott, Kempten Allgäu.

YUGOSLAVIA

TABLE A: Stations, Authorities and Conditions

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums, § 3		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
			§ 1	§ 1	§ 1	§ 2	1 :		p. 10	cm.	cm.		
Bakar	45° 18′ N.	14° 32′ E.	1	1	1	1*a*	5	..	2*a*	-60	-373·3	1930–2	..
									1			1933–6	..
Split	43 30 „	16 27 „	2	2	2	1*b*	10	..	..	-60	..	1930–6	..

TABLE B: Monthly and Annual Mean Heights of Sea-Level

BAKAR. The mean values increase upwards; the unit is 1 centimetre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1930	59·5	67·9	61·3	73·0	70·9	59·7	70·6	64·9	70·9	78·2	77·9	74·7	69·12
1931	74·2	78·1	75·5	66·8	67·6	64·9	69·2	71·4	66·3	67·4	70·7	55·1	68·93
1932	54·1	42·1	63·8	69·0	68·8	65·4	67·6	59·6	66·1	77·1	71·9	62·5	64·00
1933	61·1	65·9	55·8	54·8	65·9	71·0	60·0	60·1	65·4	71·8	82·8	74·0	65·72
1934	54·7	(42·2)	77·0	72·6	69·3	(66·7)	..	..	..	..	..	..	..
1935	63·2	68·0	53·6	62·3	63·9	61·2	59·9	61·4	62·0	79·9	84·0	91·7	67·59
1936	87·7	86·8	80·9	82·1	73·9	(75·3)	..	..	(67·5)	76·1	73·2	66·3	..

SPLIT. The mean values increase upwards; the unit is 1 centimetre.

1930	..	..	..	..	..	..	..	..	101·73	107·09	104·78	109·18	(105·70)
1931	107·64	115·24	109·62	102·48	100·73	99·29	101·62	101·87	98·53	99·43	105·97	92·69	103·85
1932	91·87	84·78	104·43	101·30	98·65	99·30	100·12	94·86	98·50	..	114·20	88·76	(97·88)
1933	99·34	106·93	92·90	91·71	100·24	102·83	90·62	91·16	95·20	106·26	118·33	114·92	100·87
1934	97·16	81·44	105·71	104·64	101·53	99·96	96·50	98·18	96·18	100·89	111·81	118·00	110·00
1935	103·56	104·67	86·54	95·32	97·74	93·74	93·91	94·70	95·51	101·92	116·64	122·95	100·60
1936	119·71	119·43	111·68	114·19	107·34	104·93	101·47	94·51	101·38	111·07	105·67	98·70	107·51

( ), the enclosed mean values have been calculated from an incomplete series of observations.

SYRIA

§ 1. *Authorities.*

1. Le Service du Nivellement général de la France, Paris.

§ 2. *Apparatus.*

1. Médimarémètre.

SYRIA

TABLE A: STATIONS, AUTHORITIES AND CONDITIONS

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
			§ 1	§ 1	§ 1	§ 2			p. 10				
Alexandrette	36° 40′ N.	36° 12′ E.	1	1	1	1	..	..	2*b*	..	..	..	1927–34
Beyrouth	33 54 ,,	35 28 ,,	1	1	1	1	..	..	2*b*	..	..	..	1922–31

TABLE C: ANNUAL MEAN HEIGHTS OF SEA-LEVEL

The mean values increase upwards; the unit is 1 centimetre

Year	Alexandrette[u]	Beyrouth[u]
1922	..	37
1923	..	34
1924	..	36
1925	..	37
1926	..	42
1927	41	35
1928	35	40
1929	34	38
1930	32	39
1931	35	40
1932	36	..
1933	33	..
1934	23	..

u, there is some uncertainty in the significance of the printed figures.

SUEZ CANAL

§ 1. *Authorities.*

1. La Compagnie Universelle du Canal Maritime de Suez, Ismailia.

§ 2. *Apparatus.*

1. Médimarémètre constructed by Ponthus-Terrode, Paris. Read once per day to nearest mm.

§ 3. *Datums.*

The standard surface was chosen by the International Commission of Works for the Suez Canal in 1856. It is 20·000 ft. below the line on the tablet on the upper part of the quay at Suez and 17·128 metres below the standard level surface of the Egyptian Government.

All datums are in the standard surface.

The individual bench-marks are as follows:—

Port Said and *Kabret.* "Taquet repère en bronze boulonné sur un fer scellé en tête d'un pieu en béton armé battu à refus."

Port Thewfik. "Taquet repère en bronze boulonné sur en fer scellé dans le planchet en béton armé de l'abri."

Note. The reference numbers for *Suez* are the same as for Indian stations.

SUEZ CANAL

TABLE A: Stations, Authorities and Conditions

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations: Height Ratio	Apparatus for Observations: Time Scale	Methods of Reduction	Datums, § 3: Levelling System	Datums, § 3: Bench Marks	Periods: Table B	Periods: Table C
			§ 1	§ 1	§ 1	§ 2	1:	p. 10	cm.	cm.		
Port Said	31° 15′ N.	32° 18′ E.	1	1	1	1	..	2*b*	0·0	1938·8	1923–36	..
Kabret	30 16 ,,	32 30 ,,	1	1	1	1	..	2*b*	0·0	1955·9	1923–7, 1932–6	..
Port Thewfik	29 57 ,,	32 34 ,,	1	1	1	1	..	2*b*	0·0	2100·1	1923–9, 1931–6	..
Suez	29 56 ,,	32 33 ,,	1*b*, 1*c*	1	1	1	2	..	1	..	-10·34	..	1897–1903

TABLE B: Monthly and Annual Mean Heights of Sea-Level

PORT SAID. The mean values increase upwards; the unit is 1 metre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1923	17·952	18·012	18·043	17·935	17·967	17·986	18·077	18·137	18·118	18·026	18·051	18·137	18·037
1924	18·105	18·034	17·963	17·978	17·974	18·008	18·106	18·167	18·138	18·068	18·108	18·017	18·056
1925	17·923	17·834	17·900	17·901	17·962	18·009	18·103	18·119	18·118	18·082	18·066	18·144	18·013
1926	18·099	18·031	17·942	17·952	17·973	18·026	18·135	18·145	18·068	18·087	18·045	18·047	18·046
1927	18·039	17·929	17·910	17·957	17·950	18·040	18·143	18·158	18·146	18·091	18·078	17·997	18·037
1928	18·010	17·948	17·866	17·960	17·971	18·022	18·075	18·115	18·094	18·057	18·067	18·128	18·026
1929	17·984	17·995	17·954	17·852	17·933	18·035	18·092	18·102	18·077	18·054	18·069	18·105	18·021
1930	17·990	17·997	17·916	17·956	17·989	17·973	18·067	18·136	18·098	18·069	18·061	18·024	18·023
1931	18·005	18·012	17·999	17·958	17·934	18·058	18·147	18·154	18·115	18·049	18·019	17·967	18·035
1932	17·969	17·912	17·950	17·965	17·932	18·059	18·087	18·105	18·088	18·074	18·059	17·980	18·015
1933	17·883	17·899	17·892	17·893	17·988	18·005	18·094	18·116	18·092	18·087	18·085	18·112	18·012
1934	18·039	17·909	17·876	17·927	17·972	17·979	18·053	18·104	18·089	18·025	17·996	17·966	17·995
1935	18·012	18·064	18·020	17·963	17·969	18·048	18·082	18·178	18·170	18·134	18·198	18·211	18·087
1936	18·123	18·205	18·034	18·038	18·048	18·148	18·184	18·211	18·175	18·121	18·133	18·084	18·125

KABRET. The mean values increase upwards; the unit is 1 metre.

1923	18·206	18·185	18·213	18·130	18·104	18·090	18·081	18·133	18·102	18·091	18·215	18·278	18·152
1924	18·270	18·197	18·172	18·150	18·112	18·147	18·150	18·141	18·116	18·103	18·216	18·245	18·168
1925	18·105	18·070	18·214	18·158	18·152	18·084	18·115	18·103	18·092	18·188	18·364	18·302	18·163
1926	18·244	18·180	18·118	18·164	18·234	18·136	18·139	18·096	18·052	18·112	18·264	18·191	18·161
1927	18·220	18·129	18·082	18·158	18·152	18·112	18·157	18·132	18·089	18·136	18·256	18·251	18·156
1932	18·119	18·061	18·148	18·079	18·077	18·062	18·114	18·110	18·081	18·165	18·224	18·179	18·118
1933	18·120	18·183	18·176	18·065	18·108	18·060	18·095	18·091	18·056	18·094	18·213	18·245	18·126
1934	18·208	18·127	18·129	18·219	18·211	18·102	18·126	18·140	18·078	18·084	18·219	18·241	18·157
1935	18·231	18·208	18·151	18·122	18·166	18·137	18·101	18·119	18·107	18·171	18·219	18·255	18·165
1936	18·200	18·301	18·206	18·178	18·209	18·128	18·190	18·161	18·076	18·172	18·263	18·269	18·196

SUEZ CANAL

TABLE B—*continued.*

PORT THEWFIK. The mean values increase upwards; the unit is 1 metre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1923	18·437	18·358	18·362	18·290	18·245	18·172	18·085	18·151	18·105	18·205	18·400	18·433	18·272
1924	18·456	18·363	18·359	18·328	18·268	18·331	18·244	18·184	18·187	18·221	18·380	18·445	18·314
1925	18·288	18·251	18·443	18·327	18·289	18·176	18·145	18·129	18·098	18·287	18·564	18·460	18·288
1926	18·380	18·305	18·250	18·327	18·428	18·282	18·142	18·081	18·081	18·176	18·455	18·358	18·272
1927	18·418	18·306	18·248	18·320	18·325	18·198	18·179	18·133	18·061	18·214	18·417	18·454	18·273
1928	18·427	18·353	18·233	18·313	18·260	18·069	18·027	18·056	18·045	18·158	18·463	18·441	18·237
1929	18·437	18·389	18·365	18·320	18·303	18·201	18·135	18·094	18·067	18·127	18·346	18·374	18·263
1931	18·453	18·372	18·321	18·330	18·290	18·248	18·358	18·366	18·220	18·191	18·345	18·364	18·322
1932	18·354	18·295	18·391	18·350	18·406	18·341	18·255	18·190	18·191	18·311	18·434	18·428	18·329
1933	18·389	18·390	18·372	18·230	18·223	18·147	18·116	18·068	18·022	18·089	18·351	18·345	18·229
1934	18·312	18·370	18·130	18·261	18·382	18·259	18·133	18·144	18·060	18·106	18·366	18·387	18·243
1935	18·367	18·323	18·288	18·255	18·267	18·226	18·070	18·065	18·089	18·174	18·246	18·340	18·226
1936	18·304	18·455	18·354	18·318	18·316	18·146	18·176	18·147	18·018	18·189	18·394	18·498	18·276

TABLE C: Annual Mean Heights of Sea-Level

The mean values increase upwards; the unit is 1 metre

Year	Suez
1897	4·338
1898	4·360
1899	4·392
1900	4·402
1901	4·400
1902	4·361
1903	4·190

TUNISIA

§ 1. *Authorities.*

1. Le Service du Nivellement général de la France, Paris.

§ 2. *Apparatus.*

1. Médimarémètre.

§ 3. *Datums.*

The standard surface of the precision levelling system is the *Zéro Tunisien.*

The individual bench-marks are as follows:—

Sfax. "Rivet en bronze situé à 0·50 m. du médimarémètre."

Sousse. "Rivet scellé dans le couronnement du quai près du médimarémètre."

La Goulette. "Rivet scellé près du puits du médimarémètre."

TABLE A: STATIONS, AUTHORITIES AND CONDITIONS

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums, § 3		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
			§ 1	§ 1	§ 1	§ 2			p. 10	cm.	cm.		
Sfax	34° 44′ N.	10° 46′ E.	1	1	1	1	..	..	2*b*	0·0	−149·5	..	1910–36
Sousse	35 49 ,,	10 37 ,,	1	1	1	1	..	..	2*b*	0·0	−117·0	..	1910–28, 1930–6
La Goulette	36 49 ,,	10 18 ,,	1	1	1	1	..	..	2*b*	0·0	− 68·2	..	1889–1936

TUNISIA

TABLE C: ANNUAL MEAN HEIGHTS OF SEA-LEVEL

The mean values increase upwards; the unit is 1 centimetre

Year	Sfax[u]	Sousse[u]	La Goulette
1889	..	..	− 2
1890	..	..	−10
1891	..	..	− 3
1892	..	..	− 1
1893	..	..	0
1894	..	..	− 6
1895	..	..	+ 1
1896	..	..	0
1897	..	..	− 4
1898	..	..	− 3
1899	..	..	− 4
1900	..	..	+ 1
1901	..	..	− 1
1902	..	..	− 1
1903	..	..	− 4
1904	..	..	− 2
1905	..	..	− 2
1906	..	..	− 3
1907	..	..	− 6
1908	..	..	− 8
1909	..	..	− 6
1910	− 9	− 9	− 3
1911	−15	−11	− 5
1912	−13	−10	− 4
1913	−15	−12	− 6
1914	−16	−14	− 4
1915	− 9	− 9	− 2
1916	−11	− 9	− 4
1917	−19	−12	− 5
1918	−21	−18	− 6
1919	−14	−10	− 5
1920	−14	−13	− 6
1921	−13	−13	− 9
1922	−14	−10	− 6
1923	−14	−13	− 6
1924	−10	− 6	− 4
1925	−14	−10	− 5
1926	− 9	− 6	− 1
1927	−12	− 4	− 1
1928	− 8	− 6	0
1929	− 5	..	− 2
1930	− 7	− 2	− 1
1931	− 4	− 2	− 2
1932	− 7	− 9	− 6
1933	− 1	− 2	− 2
1934	+ 4	− 7	− 4
1935	+14	−11	− 2
1936	+13	+ 5	0

u, there is some uncertainty in the significance of the printed figures.

ALGERIA

§ 1. *Authorities.*

1. Le Service du Nivellement général de la France, Paris.

§ 2. *Apparatus.*

1. Médimarémètre.

§ 3. *Datums.*

The standard surface of the system of precision levelling is the *Zéro Algérien.*

The individual bench-marks are as follows:—

Bône. "Goujon en bronze scellé dans une pierre de taille placée dans le couronnement du musoir Nord de la 'Passe Babayaud', côté Ouest."

Alger. "Boulon en bronze scellé sur un petit massif de maçonnerie construit sur le palier de l'escalier d'accès au quai (Enracinement de la jetée Nord)."

Oran. "Rivet scellé près du médimarémètre sur le quai d'Alger."

Port-Say. "Console-repère D située à gauche du médimarémètre."

TABLE A: STATIONS, AUTHORITIES AND CONDITIONS

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums, § 3		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
			§ 1	§ 1	§ 1	§ 2			p. 10	cm.	cm.		
Bône	36° 54′ N.	7° 46′ E.	1	1	1	1	..	..	2*b*	0·0	−171·1	..	1889–1936
Alger	36 47 „	3 04 „	1	1	1	1	..	..	2*b*	0·0	−174·1	..	1905–36
Oran	35 43 „	0 39 W.	1	1	1	1	..	..	2*b*	0·0	−163·5	..	1890–1906, 1908–20, 1923–36
Port Say	..	..	1	1	1	1	..	..	2*b*	..	..	..	1925–31

ALGERIA

TABLE C: ANNUAL MEAN HEIGHTS OF SEA-LEVEL

The mean values increase upwards; the unit is 1 centimetre

Year	Bône	Alger	Oran	Port Say
1889	+10	..	..	..
1890	+ 8	..	− 8	..
1891	+ 8	..	− 7	..
1892	+10	..	− 6	..
1893	+13	..	−11	..
1894	+ 8	..	−16	..
1895	+14	..	−12	..
1896	+10	..	−11	..
1897	+10	..	−14	..
1898	+14	..	−14	..
1899	+ 9	..	− 9	..
1900	+ 9	..	−10	..
1901	+13	..	−13	..
1902	+13	..	− 6	..
1903	+14	..	− 9	..
1904	+17	..	− 5	..
1905	+15	+ 3	− 7	..
1906	+11	0	− 5	..
1907	+16	+ 1	..	..
1908	+13	− 4	−13	..
1909	+11	0	−12	..
1910	+17	0	− 5	..
1911	+17	− 3	− 8	..
1912	+18	− 5	− 7	..
1913	+16	− 8	− 4	..
1914	+18	− 9	− 9	..
1915	+20	− 2	− 5	..
1916	+18	− 1	− 6	..
1917	+16	− 4	− 5	..
1918	+13	−12	− 7	..
1919	+15	− 3	−10	..
1920	+13	− 3	−12	..
1921	+11	− 3	..	..
1922	+11	− 2	..	..
1923	+13	+ 2	− 5	..
1924	+10	0	− 2	..
1925	+10	+ 2	− 7	+20
1926	+ 8*u*	+ 1	− 3	+20
1927	+23*u*	− 7	− 3	+20
1928	+26*u*	0	− 4	+20
1929	+20*u*	− 1	− 4	+21
1930	+21*u*	0	− 5	+20
1931	+21*u*	+ 2	+ 5	+23
1932	+17*u*	− 1	+12*u*	..
1933	+18*u*	+ 3	+16*u*	..
1934	+14*u*	0	+18*u*	..
1935	+ 9*u*	− 1	+19*u*	..
1936	+16*u*	+ 4	+24*u*	..

u, there is some uncertainty in the significance of the printed figures.

MOROCCO

§ 1. *Authorities.*

1. Le Service du Nivellement général de la France, Paris.

§ 2. *Apparatus.*

1. Médimarémètre.

§ 3. *Datums.*

The standard surface of the system of precision levelling is the *Zéro Marocain*.

The individual bench-marks are as follows:—

Casablanca. "Console-repère scellée dans la paroi du puits du médimarémètre."

Mogador. "Console-repère scellée à gauche du médimarémètre, côté Nord de la jetée transversale du port et à 8.00 m. de son extrémité."

MOROCCO

TABLE A: Stations, Authorities and Conditions

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums, § 3		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
			§ 1	§ 1	§ 1	§ 2			p. 10	cm.	cm.		
Casablanca	33° 36′ N.	7° 37′ W.	1	1	1	1	..	..	2*b*	0·0	225·4	..	1923–36
Mogador	31 31 ,,	9 47 ,,	1	1	1	1	..	..	2*b*	0·0	252·7	..	1924–9

TABLE C: Annual Mean Heights of Sea-Level

The mean values increase upwards; the unit is 1 centimetre

Year	Casablanca	Mogador
1923	+ 5	..
1924	+11	+21
1925	+ 4	+13
1926	+ 5	+16
1927	− 6	+14
1928	− 4	+14
1929	− 3	+16
1930	− 2	..
1931	0	..
1932	+ 2	..
1933	+ 5	..
1934	− 4	..
1935	+ 9	..
1936	+ 9	..

SIERRA LEONE

§ 1. *Authorities.*

1. Hydrographic Department, Admiralty, London.
2. Harbour Authority, Freetown.
3. Liverpool Observatory and Tidal Institute.

§ 2. *Apparatus.*

1. Recording gauge.

§ 3. *Datums.*

The bench-mark at Freetown is on the sea face of the harbour lighthouse.

TABLE A: STATIONS, AUTHORITIES AND CONDITIONS

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums, § 3		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
Freetown	8° 30′ N.	13° 14′ W.	§ 1 1	§ 1 2	§ 1 3	§ 2 1	..	..	p. 10 1*a*	..	ft. −21	1926–7	..

TABLE B: MONTHLY AND ANNUAL MEAN HEIGHTS OF SEA-LEVEL

FREETOWN. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1926	..	6·480	6·319	6·404	6·570	6·706	6·662	6·696	6·640	7·778	6·809	6·557	..
1927	6·326	..	..	..	..	..	..	..	..	..	..	..	..

GOLD COAST

§ 1. *Authorities.*

1. Gold Coast Survey, Accra.
   a. Reports of the Survey, 1928–9, ... 1936–7.
2. Liverpool Observatory and Tidal Institute.

§ 2. *Apparatus.*

1. Recording gauge.

§ 3. *Datums.*

The datums are local.

The bench-mark at Takoradi is described in Authority 1*a*, 1930–1, p. 15.

TABLE A: STATIONS, AUTHORITIES AND CONDITIONS

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums, § 3		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
Takoradi	4° 53′ N.	1° 45′ W.	§ 1 1*a*	§ 1 1	§ 1 1	§ 2 1	..	..	p. 10 1*a*	..	ft. −10·1265	1929–36	..
Accra	5 32 ,,	0 12 ,,	1*a*	1	2	1	..	..	1*a*	..	..	1922–3	..

TABLE B: MONTHLY AND ANNUAL MEAN HEIGHTS OF SEA-LEVEL

TAKORADI. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1929	..	..	..	2·97	2·86	2·65	2·52	2·53	2·62	3·08	3·36	3·00	..
1930	2·70	2·92	2·76	2·94	2·90	2·63	2·54	2·50	2·66	2·96	3·08	2·92	2·79
1931	2·73	2·84	2·83	2·69	2·68	2·39	2·42	2·35	2·71	3·10	3·07	2·84	2·72
1932	3·06	2·88	2·98	2·94	2·72	2·43	2·40	2·38	2·69	2·95	3·19	3·01	2·80
1933	3·10	3·09	3·15	3·11	2·81	2·80	2·75	2·64	2·84	3·19	3·23	3·06	2·98
1934	2·92	3·00	3·07	3·234	2·993	2·824	2·678	2·604	2·666	2·834	3·107	2·854	2·898
1935	2·932	2·973	3·136	3·210	3·071	2·864	2·689	2·642	2·666	3·096	3·270	2·902	2·954
1936	2·866	2·945	3·012	2·972	2·838	2·729	2·537	2·615	2·886	3·153	3·140	3·113	2·901

ACCRA. The mean values increase upwards; the unit is 1 foot.

1922	..	..	..	2·99	2·74	2·62	2·30	2·45	3·00	3·08	3·27	2·86	..
1923	2·80	3·04	2·95	3·05	..	..	..	..	..	..	..	..	..

SOUTH AFRICA

§ 1. *Authorities.*

1. Hydrographic Department, Admiralty, London.
2. Harbour Authority, Durban.
3. Liverpool Observatory and Tidal Institute.

§ 2. *Apparatus.*

1. Recording gauge.

§ 3. *Datums.*

The bench-mark for Durban is the coping of the quay wall at Shed A.

TABLE A: STATIONS, AUTHORITIES AND CONDITIONS

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums, § 3		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
Durban	29° 52′ S.	31° 03′ E.	§ 1 1	§ 1 2	§ 1 3	§ 2 1	..	..	p. 10 1*a*	..	ft. -12·16	1926–7	..

TABLE B: MONTHLY AND ANNUAL MEAN HEIGHTS OF SEA-LEVEL

DURBAN. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1926	..	..	..	..	..	..	..	..	..	2·977	2·963	3·186	..
1927	3·105	2·936	3·210	3·043	2·961	2·689	2·428	2·891	2·626	..	..	..	..

ARGENTINA

§ 1. *Authorities.*

1. Servicio Hidrográfico, Ministerio de Marina, Buenos Aires.
2. Ministry of Public Works, Buenos Aires.

§ 2. *Apparatus.*

1. Recording gauge of
   a. Local construction.
   b. Richard type.

ARGENTINA

TABLE A: Stations, Authorities and Conditions

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations: Height Ratio	Apparatus for Observations: Time Scale	Methods of Reduction	Datums: Levelling System	Datums: Bench Marks	Periods: Table B	Periods: Table C
			§ 9	§ 1	§ 1	§ 2	1:	cm./hr.	p. 10				
Deseado	47° 45′ S.	65° 55′ W.	1	2	2	1*b*	50	1·5	1	..	..	1912–36	..
Comodoro Rivadavia	45 52 ,,	67 29 ,,	1	2	2	1*b*	50	1·5	1	..	..	1911–36	..
San Antonio	40 48 ,,	61 52 ,,	1	2	2	1*b*	50	1·5	1	..	..	1910–24	..
Belgrano (Bahia Blanca)	38 53 ,,	62 06 ,,	1	2	2	1*b*	20	0·8	1	..	..	1914–36	..
Quequén	38 35 ,,	58 42 ,,	1	2	2	1*b*	25	1·5	1	..	..	1910–36	..
Mar Del Plata	38 03 ,,	57 33 ,,	1	2	2	1*b*	25	1·5	1	..	..	1910–13, 1915–36	..
La Plata	34 55 ,,	57 56 ,,	1	2	2	1*a*	20	0·8	1	..	..	1916–34	..
Buenos Aires	34 36 ,,	58 22 ,,	1	2	2	1*b*	20	0·8	1	..	..	1905–36	..

TABLE B: Monthly and Annual Mean Heights of Sea-Level

DESEADO. The mean values increase upwards; the unit is 1 metre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1912	..	..	..	..	..	..	..	..	..	3·03	3·05	3·07	(3·05)
1913	3·16	3·20	3·16	3·16	3·09	3·11	3·16	3·05	3·09	3·11	3·19	3·10	3·13
1914	3·16	3·22	3·19	3·20	3·14	3·03	3·07	3·10	3·02	3·11	3·07	3·15	3·12
1915	3·20	3·15	3·22	3·28	3·26	3·15	3·14	3·18	3·09	3·05	3·12	2·94	3·15
1916	3·05	3·15	..	3·08	3·14	2·95	3·10	3·00	3·01	2·98	3·06	3·06	(3·05)
1917	3·18	3·21	3·12	3·10	3·09	3·19	3·16	3·05	3·08	3·13	3·14	3·18	3·13
1918	3·18	3·10	3·08	3·07	3·05	2·89	2·85	2·91	2·86	2·85	2·92	2·85	2·97
1919	2·95	3·02	2·91	3·21	3·08	3·12	..	..	3·22	3·23	3·40	3·14	(3·05)
1920	3·15	3·12	3·11	..	3·05	2·92	3·09	3·03	3·11	3·24	3·44	3·48	(3·16)
1921	3·53	2·79	2·49	3·06	..	..	3·31	3·43	2·95	2·93	3·22	3·41	(3·11)
1922	3·38	3·26	3·06	3·11	3·10	2·90	3·03	3·05	2·67	2·22	2·80	3·11	2·98
1923	..	..	1·93	2·69	3·05	3·17	3·14	3·00	3·15	3·06	3·08	..	(2·92)
1924	3·18	3·22	3·25	3·16	3·10	3·25	3·04	3·19	3·22	3·08	3·28	..	(3·18)
1925	3·23	3·20	3·28	3·15	3·16	3·08	3·05	..	3·19	3·07	3·17	..	(3·16)
1926	3·28	3·05	3·14	2·99	3·12	3·17	3·13	3·11	3·13	3·06	3·23	3·13	3·21
1927	3·20	3·06	3·06	3·15	3·15	3·10	3·03	3·06	2·98	2·99	3·05	3·06	3·07
1928	..	3·21	3·20	3·24	..	..	..	2·95	2·91	2·95	3·06	3·13	(3·08)
1929	3·11	3·10	2·80	3·20	3·13	3·12	3·12	3·02	3·01	3·04	3·17	3·19	3·08
1930	3·25	3·21	3·28	3·20	3·13	3·14	3·06	2·95	3·00	3·10	3·17	3·21	3·14
1931	3·16	3·14	3·13	3·03	3·04	2·95	3·03	3·11	..	..	..	3·08	(3·07)
1932	3·20	3·20	3·17	3·20	3·23	3·12	3·21	3·06	3·25	3·28	3·38	3·42	3·23
1933	3·01	3·06	3·10	3·21	3·26	3·60	..	..	3·37	3·42	3·51	..	(3·18)
1934	..	..	..	..	..	..	..	..	2·877	2·996	2·983	3·069	(2·981)
1935	3·121	3·194	3·250	3·161	3·125	3·179	3·076	3·039	3·063	3·019	3·197	3·263	3·141
1936	3·241	3·134	3·229	3·127	3·206	3·168	3·184	3·052	3·130	3·159	..	..	(3·163)

( ), the enclosed mean values have been calculated from an incomplete series of observations.

ARGENTINA

TABLE B—*continued.*

COMODORO RIVADAVIA. The mean values increase upwards; the unit is 1 metre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1911	..	..	..	..	..	..	..	..	..	..	2·92	2·92	(2·92)
1912	2·84	2·86	2·91	2·84	2·79	2·88	2·80	2·86	2·91	2·83	2·88	2·87	2·86
1913	2·96	2·75	2·98	2·90	2·81	2·87	2·85	2·87	2·79	2·78	2·84	..	(2·85)
1914	2·90	2·95	2·93	3·03	2·89	2·88	2·82	2·88	2·75	2·89	2·87	2·84	2·89
1915	2·92	2·89	2·90	2·91	2·96	2·92	2·91	2·91	2·96	2·80	2·92	2·97	2·91
1916	2·99	2·97	2·87	2·88	2·99	2·91	2·89	2·89	2·88	2·85	2·88	2·91	2·91
1917	3·00	2·97	3·02	2·98	2·96	2·96	2·77	3·00	3·06	2·99	3·06	3·07	2·99
1918	2·92	2·74	3 09	3 07	3·15	2·99	3·02	2·93	2·88	2·89	3·05	3·11	2·99
1919	3·00	2·89	2·85	..	..	..	3·27	3·25	..	..	..	..	(3·05)
1925	..	..	..	..	..	..	..	..	..	..	..	..	(3·06)
1926	3·20	3·06	3·16	2·97	3·13	3·12	3·08	3·04	3·10	3·14	3·22	3·14	3·19
1927	3·03	3·12	3·12	3·04	3·05	3·15	2·97	2·94	2·83	2·97	2·98	3·01	3·01
1928	3·02	3·04	2·99	3·00	2·92	2·97	2·95	2·88	2·84	2·88	2·91	2·99	2·95
1929	2·99	3·02	2·98	3·01	2·92	2·95	2·99	2·96	2·90	2·88	2·90	2·88	2·95
1930	2·91	2·98	3·13	3·06	2·96	3·11	3·00	2·94	3·01	3·04	3·05	3·02	3·02
1931	2·99	2·99	3·00	2·97	3·04	3·02	3·12	3·15	3·10	3·14	3·26	3·36	3·10
1932	2·51	3·42	2·57	2·51	2·50	2·44	3·06	2·85	2·94	2·95	3·01	2·99	2·90
1933	2·95	3·02	3·00	2·87	2·96	..	2·90	2·94	2·82	..	2·94	2·98	(2·94)
1934	2·945	3·030	3·056	3·111	3·154	..	..	..	..	..	..	..	(3·059)
1935	3·067	3·116	3·118	3·084	3·032	3·104	3·090	2·969	3·188	2·921	2·923	..	(3·056)
1936	3·083	2·894	3·045	2·539	2·653	2·897	..	..	..	3·169	3·099	3·027	(2·934)

SAN ANTONIO. The mean values increase upwards; the unit is 1 metre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1910	..	..	..	..	..	..	..	..	4·22	4·22	4·45	4·52	(4·35)
1911	4·68	4·75	4·55	4·55	4·54	4·62	4·44	4·36	4·33	3·98	4·43	4·42	4·47
1912	4·50	4·54	4·45	4·40	4·36	4·42	4·30	4·40	4·30	4·31	4·34	4·36	4·39
1913	4·47	4·40	4·48	4·47	4·30	4·38	4·38	4·43	4·34	4·44	4·53	4·50	4·43
1914	4·41	4·47	4·48	..	..	..	..	..	4·26	4·39	4·38	4·40	(4·40)
1915	4·48	4·40	4·41	4·44	4·30	4·35	4·34	4·41	4·28	4·26	4·41	4·49	4·38
1916	4·52	4·40	4·41	4·51	4·55	4·56	4·50	4·12	4·34	4·41	4·52	4·61	4·45
1917	4·66	4·52	4·59	4·44	4·46	4·47	4·33	4·28	4·38	..	..	4·17	(4·43)
1918	4·15	4·23	4·36	4·32	4·49	4·69	4·48	..	..	..	..	4·04	(4·34)
1919	4·46	4·28	4·17	..	..	..	..	..	..	4·24	4·37	4·23	(4·30)
1920	4·24	4·43	4·42	4·25	4·25	4·35	4·17	4·26	4·50	4·38	4·41	4·47	4·34
1921	4·37	4·34	4·43	4·44	4·57	4·64	4·36	4·23	4·35	4·32	4·36	4·37	4·39
1922	4·34	4·28	4·07	4·03	4·22	4·02	4·18	4·15	4·09	4·16	..	..	(4·15)
1923	..	4·39	4·18	4·14	4·44	4·34	4·15	4·29	4·26	..	4·29	..	(4·27)
1924	4·54	4·60	4·59	..	..	..	..	..	..	..	..	..	(4·58)

BELGRANO (BAHIA BLANCA). The mean values increase upwards; the unit is 1 metre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1914	..	..	..	2·12	2·02	2·02	1·94	1·92	1·85	1·97	2·08	2·05	(2·00)
1915	2·10	2·03	2·02	2·08	2·03	2·03	1·95	1·99	1·89	1·89	1·96	2·06	2·00
1916	2·11	2·05	2·09	2·08	2·11	2·05	2·02	1·91	1·91	1·94	2·04	2·05	2·03
1917	2·11	2·09	2·10	1·99	1·96	1·99	1·91	1·89	1·85	1·89	1·96	2·07	1·98
1918	2·04	2·05	2·06	1·96	2·01	1·92	1·99	1·89	2·00	1·89	1·98	1·98	1·98
1919	2·12	2·00	1·96	2·05	1·98	2·03	1·94	1·95	1·93	1·96	2·08	2·01	2·00
1920	2·08	2·07	2·03	2·03	2·00	1·96	2·09	1·89	1·94	1·99	1·95	2·07	2·00
1921	2·07	2·05	2·04	2·02	2·04	2·01	1·99	1·89	1·86	1·89	1·94	2·03	1·99
1922	2·09	2·12	2·07	2·02	2·08	2·01	1·90	1·93	1·94	1·97	1·98	2·04	2·01
1923	2·09	2·00	2·00	2·17	2·08	2·00	1·97	..	..	1·93	..	2·07	(2·03)
1924	2·04	2·07	2·01	2·12	2·10	1·97	2·04	1·94	1·90	1·86	2·08	2·03	2·01
1925	2·09	2·08	2·11	2·02	2·03	2·01	1·93	1·97	1·94	1·95	1·97	2·01	2·00
1926	2·08	1·96	2·05	1·96	1·96	1·98	1·91	1·90	2·00	2·26	2·00	2·02	2·00
1927	2·15	2·10	2·09	2·04	2·12	2·01	2·02	2·01	1·69	1·92	2·08	2·09	2·03
1928	2·09	2·15	2·02	2·05	2·05	2·05	2·00	1·92	2·05	1·96	1·96	1·97	2·02

( ), the enclosed mean values have been calculated from an incomplete series of observations.

ARGENTINA

TABLE B—*continued.*

BELGRANO (BAHIA BLANCA)—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1929	2·05	2·17	2·13	2·00	2·02	1·92	1·95	1·96	1·95	1·99	2·02	2·00	2·01
1930	2·14	2·20	2·22	2·00	2·05	2·06	..	..	1·99	1·98	1·97	2·03	(2·06)
1931	2·08	2·11	2·10	2·07	2·14	1·99	1·98	1·91	1·93	1·91	2·07	2·07	2·03
1932	2·15	2·18	2·31	2·04	2·17	2·01	2·02	2·02	1·92	2·02	2·09	2·10	2·08
1933	2·036	2·093	2·106	1·978	1·957	2·121	1·873	1·901	1·942	1·946	2·016	2·061	2·003
1934	2·013	2·130	2·057	2·042	2·044	2·003	2·008	1·917	1·915	1·967	2·018	2·105	2·018
1935	2·108	2·167	2·116	2·150	1·946	1·981	..	2·011	2·003	1·935	2·054	2·102	(2·052)
1936	2·100	2·059	2·066	1·964	2·019	1·895	1·911	1·943	1·942	1·925	1·971	2·001	1·983

QUEQUÉN. The mean values increase upwards; the unit is 1 metre.

1910	..	..	1·27	1·20	1·30	1·17	1·28	1·07	1·03	1·12	1·12	1·18	(1·17)
1911	1·22	1·13	1·20	1·16	1·28	1·33	1·22	1·10	1·00	1·04	1·04	1·06	1·15
1912	1·14	1·16	1·15	1·17	1·15	1·18	1·12	1·17	1·15	1·17	1·16	1·20	1·16
1913	1·25	1·19	1·19	1·17	1·10	1·28	1·14	1·18	1·08	1·12	1·05	1·12	1·15
1914	1·15	1·18	1·14	1·21	1·20	1·24	1·20	1·17	1·00	1·12	1·20	1·16	1·16
1915	1·15	1·17	1·14	1·06	1·04	1·13	0·93	0·90	0·87	0·87	0·90	1·01	1·01
1916	1·09	0·97	1·03	1·00	1·10	1·05	0·98	0·90	0·85	0·79	1·01	1·00	0·98
1917	..	..	..	..	0·83	0·94	0·86	0·73	0·74	0·77	..	1·03	(0·84)
1918	0·97	0·93	0·99	0·86	0·94	0·96	0·98	0·88	0·92	0·74	0·90	0·86	0·91
1919	1·01	0·90	0·82	1·02	0·95	1·07	0·98	0·94	0·85	0·86	1·01	0·95	0·95
1920	1·02	0·95	1·04	0·98	0·99	0·96	1·00	0·75	0·83	0·95	0·90	1·04	0·95
1921	1·00	0·99	1·00	1·01	1·01	1·00	0·95	0·90	0·85	0·72	0·80	0·93	0·93
1922	1·05	1·03	..	..	..	..	..	0·81	0·83	0·83	0·90	0·93	(0·91)
1923	0·98	0·87	1·02	1·10	0·97	0·93	0·91	0·83	0·84	0·87	0·82	0·99	0·92
1924	0·94	1·00	0·89	1·13	1·10	0·97	0·99	0·90	0·81	0·80	0·97	..	(0·95)
1925	0·97	0·93	1·05	0·98	1·02	0·93	0·86	0·85	0·86	0·82	0·91	0·88	0·92
1926	1·03	0·89	0·97	0·89	0·93	0·92	0·80	0·87	0·85	0·90	0·91	0·94	0·90
1927	1·02	0·98	0·95	0·94	1·06	0·93	0·90	0·94	0·69	0·85	0·91	0·95	0·92
1928	0·97	0·97	0·93	0·93	0·84	0·92	0·84	0·77	0·83	0·79	0·88	0·96	0·87
1929	0·94	1·02	1·01	0·95	0·97	0·86	0·91	0·85	0·82	0·85	0·89	0·91	0·92
1930	0·96	0·99	1·07	0·91	0·78	0·96	0·94	0·81	0·80	0·87	0·82	0·88	0·90
1931	0·93	0·96	0·94	..	..	0·93	0·89	0·75	0·80	0·73	0·90	0·90	(0·90)
1932	1·00	0·99	0·91	..	..	..	..	0·73	0·73	0·84	0·98	1·00	(0·87)
1933	0·967	0·990	1·053	0·847	0·864	1·013	0·898	0·898	0·782	0·897	0·914	0·882	0·917
1934	0·886	1·026	0·900	0·888	0·933	0·884	0·866	0·790	0·730	0·889	0·900	..	(0·881)
1935	0·956	0·979	1·025	1·084	0·889	0·911	0·984	0·782	0·832	0·776	0·916	0·980	0·926
1936	0·964	0·925	0·990	0·858	0·972	0·874	0·803	0·864	0·779	0·886	0·903	0·949	0·897

MAR DEL PLATA. The mean values increase upwards; the unit is 1 metre.

1910	..	..	0·73	0·67	0·92	0·78	0·84	0·65	0·63	..	0·70	0·43	(0·70)
1911	0·58	..	0·85	0·77	0·70	0·96	0·73	0·83	0·95	1·06	0·88	0·88	(0·84)
1912	0·87	0·89	0·89	0·93	0·94	0·92	0·94	0·87	0·79	0·69	0·87	1·26	0·90
1913	0·83	0·83	0·76	0·72	0·59	0·70	0·80	0·82	0·86	0·86	0·83	0·64	0·75
1915	0·84	0·79	0·83	0·91	0·88	0·87	0·72	0·74	0·63	0·62	0·68	0·81	0·78
1916	0·84	0·77	0·87	0·87	0·97	0·87	0·76	0·62	0·74	0·74	0·92	0·92	0·82
1917	0·96	0·84	0·90	0·81	0·77	0·78	0·73	0·71	0·63	0·64	0·75	0·81	0·78
1918	0·81	0·81	0·85	0·70	0·90	0·82	0·79	0·74	0·80	0·68	0·77	0·75	0·78
1919	0·86	0·77	0·71	0·88	0·76	0·84	0·70	0·76	0·71	0·77	0·89	0·86	0·79
1920	0·92	0·88	0·93	0·88	0·89	0·85	0·87	0·72	0·77	0·87	0·81	0·89	0·86
1921	0·82	0·79	0·79	0·86	0·93	0·90	0·74	0·74	0·64	0·63	0·72	0·81	0·78
1922	0·85	0·84	0·75	0·76	0·94	0·80	0·68	0·74	0·72	0·73	0·81	0·81	0·79
1923	0·86	0·84	0·88	1·08	0·91	0·84	0·79	0·72	0·69	0·77	0·74	0·90	0·84
1924	0·83	0·90	0·81	0·93	0·87	0·68	..	..	..	..	0·63	..	(0·81)

( ), the enclosed mean values have been calculated from an incomplete series of observations.

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TABLE B—*continued.*

MAR DEL PLATA—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1925	0·80	0·84	0·90	0·84	0·84	0·80	0·71	0·68	0·72	0·67	0·86	0·73	0·78
1926	0·90	0·80	0·87	0·77	0·90	0·73	0·72	0·70	0·83	0·82	0·85	0·84	0·81
1927	0·87	0·82	0·85	0·93	1·01	0·89	0·82	0·86	0·69	0·77	0·79	0·83	0·84
1928	0·85	0·82	0·77	0·77	0·72	0·78	0·76	0·66	0·65	0·68	0·80	0·85	0·74
1929	0·78	0·83	0·81	0·77	0·75	0·80	0·88	0·79	0·73	0·70	0·76	0·79	0·78
1930	0·85	0·86	0·96	0·81	0·70	0·87	0·84	0·72	0·74	0·79	0·80	0·85	0·82
1931	0·93	0·90	0·91	0·84	0·89	0·77	0·73	0·69	0·73	0·68	0·85	0·80	0·81
1932	0·87	0·91	0·83	0·87	0·92	0·78	0·69	0·50	0·71	0·68	0·77	0·77	0·78
1933	0·77	0·84	0·89	0·77	0·82	0·99	0·74	0·76	0·68	0·78	0·79	0·82	0·80
1934	0·788	0·912	0·818	0·818	0·862	0·757	0·774	0·703	0·621	0·701	0·785	0·875	0·785
1935	0·888	0·869	0·908	0·997	0·826	0·813	0·837	0·659	0·838	0·691	0·776	0·761	0·822
1936	0·701	0·723	0·822	0·748	0·845	0·713	0·829	0·749	0·692	0·676	0·760	0·818	0·756

LA PLATA. The mean values increase upwards; the unit is 1 metre.

1916	0·68	0·65	0·68	0·61	0·60	0·47	0·53	0·41	0·50	0·54	0·60	0·61	0·570
1917	0·65	0·66	0·70	0·72	0·53	0·48	0·53	0·50	0·45	0·57	0·59	0·62	0·583
1918	0·64	0·65	0·70	0·59	0·72	0·62	0·49	0·50	0·69	0·51	0·58	0·67	0·603
1919	0·71	0·61	0·65	0·77	0·61	0·68	0·62	0·64	0·67	0·59	0·72	0·71	0·665
1920	0·77	0·83	0·66	0·71	0·71	0·63	0·54	0·53	0·57	0·73	0·81	0·71	0·683
1921	0·79	0·72	0·83	0·76	0·69	0·53	0·57	0·56	0·52	0·74	0·69	0·68	0·673
1922	0·74	0·90	0·74	0·68	0·75	0·81	0·62	0·91	0·65	0·62	0·66	0·87	0·745
1923	0·73	0·71	0·68	0·82	0·59	0·61	0·85	0·73	0·61	0·60	0·64	0·78	0·695
1924	0·77	0·74	0·66	0·66	0·59	0·54	0·66	0·56	0·65	0·61	0·69	0·65	0·648
1925	0·71	0·68	0·72	0·70	0·61	0·58	0·47	0·63	0·62	0·65	0·72	0·65	0·645
1926	0·77	0·62	0·77	0·80	0·76	0·73	0·71	0·67	0·76	0·66	0·71	0·74	0·725
1927	0·86	0·86	0·82	0·79	0·84	0·74	0·61	0·69	0·58	0·74	0·69	0·77	0·749
1928	0·83	0·82	0·78	0·78	0·86	0·74	0·69	0·64	0·77	0·71	0·73	0·82	0·764
1929	0·81	0·87	0·88	0·72	0·62	0·65	0·70	0·70	0·74	0·80	0·70	0·71	0·741
1930	0·81	0·89	0·96	0·88	0·79	0·79	0·70	0·82	0·62	0·70	0·74	0·79	0·790
1931	0·89	0·83	0·87	0·86	0·85	0·74	0·70	0·59	0·74	0·61	0·82	0·82	0·776
1932	0·85	0·95	0·78	0·84	0·81	0·70	0·78	0·77	0·77	0·81	0·75	0·89	0·808
1933	0·87	0·81	0·88	0·69	0·74	0·68	0·67	0·63	0·74	0·69	0·76	0·71	0·739
1934	0·73	0·80	0·76	0·82	0·72	0·69	0·59	0·62	0·65	0·64	0·73	0·72	0·705

BUENOS AIRES. The mean values increase upwards; the unit is 1 metre.

1905	0·86	0·99	0·74	0·82	0·91	0·74	0·81	0·75	0·83	0·95	0·88	0·78	0·838
1906	0·88	0·95	0·74	0·78	0·68	0·70	0·66	0·76	0·81	0·69	0·75	0·81	0·767
1907	0·82	0·93	0·91	0·81	0·67	0·68	0·65	0·77	0·80	0·75	0·76	0·71	0·771
1908	0·84	0·82	0·80	0·77	0·65	0·70	0·76	0·63	0·76	0·71	0·72	0·72	0·740
1909	0·87	0·90	0·89	0·82	0·72	0·66	0·63	0·63	0·78	0·79	0·77	0·72	0·765
1910	0·77	0·79	0·81	0·79	0·65	0·56	0·66	0·57	0·70	0·66	0·63	0·74	0·694
1911	0·79	0·86	0·77	0·56	0·83	0·66	0·58	0·78	0·70	0·80	0·76	0·95	0·753
1912	0·86	0·82	0·93	0·94	0·90	0·72	0·62	0·91	0·60	0·72	0·87	0·79	0·806
1913	0·84	0·76	0·88	0·79	0·81	0·66	0·61	0·67	0·76	0·82	0·91	0·73	0·770
1914	0·76	0·92	0·86	0·87	0·89	0·69	0·80	1·07	0·87	0·93	0·66	0·85	0·847
1915	0·87	0·85	0·95	0·92	0·86	0·67	0·53	0·58	0·82	0·71	0·67	0·79	0·768
1916	0·77	0·77	0·79	0·71	0·68	0·60	0·60	0·53	0·61	0·69	0·68	0·71	0·678
1917	0·75	0·79	0·78	0·79	0·61	0·54	0·60	0·58	0·55	0·67	0·69	0·73	0·673
1918	0·74	0·74	0·77	0·76	0·78	0·66	0·55	0·57	0·76	0·61	0·69	0·77	0·700
1919	0·81	0·72	0·78	0·86	0·68	0·75	0·70	0·73	0·80	0·73	0·83	0·82	0·767
1920	0·90	0·97	0·74	0·81	0·78	0·70	0·57	0·62	0·65	0·85	0·91	0·81	0·775
1921	0·95	0·84	0·96	0·84	0·79	0·54	0·66	0·64	0·64	0·90	0·80	0·76	0·776
1922	0·84	1·01	0·84	0·78	0·83	0·88	0·73	1·04	0·78	0·71	0·77	0·98	0·849
1923	0·85	0·81	0·78	0·88	0·62	0·66	0·93	0·82	0·73	0·70	0·76	0·93	0·789
1924	0·90	0·83	0·75	0·73	0·64	0·62	0·74	0·62	0·75	0·70	0·73	0·75	0·730
1925	0·79	0·75	0·80	0·74	0·67	0·63	0·53	0·72	0·69	0·74	0·81	0·75	0·718
1926	0·87	0·68	0·85	0·90	0·78	0·76	0·78	0·70	0·80	0·68	0·74	0·76	0·775
1927	0·85	0·86	0·82	0·76	0·81	0·72	0·60	0·66	0·61	0·81	0·77	0·82	0·757

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TABLE B—*continued.*

BUENOS AIRES—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1928	0·91	0·88	0·84	0·80	0·91	0·68	0·69	0·69	0·82	0·78	0·74	0·85	0·799
1929	0·87	0·90	0·89	0·77	0·59	0·61	0·68	0·68	0·82	0·89	0·76	0·72	0·765
1930	0·85	0·81	0·98	0·90	0·82	0·79	0·65	0·87	0·62	0·73	0·79	0·76	0·797
1931	0·82	0·83	0·90	0·88	0·86	0·81	0·76	0·64	0·74	0·65	0·77	0·85	0·792
1932	0·86	0·95	0·82	0·86	0·81	0·74	0·81	0·82	0·80	0·88	0·82	0·93	0·841
1933	0·94	0·86	0·90	0·75	0·75	0·64	0·66	0·63	0·81	0·72	0·79	0·74	0·765
1934	0·81	0·84	0·82	0·83	0·73	0·72	0·57	0·66	0·69	0·66	0·76	0·79	0·740
1935	0·851	0·897	0·839	0·869	0·615	0·617	0·707	0·629	0·805	1·032	0·828	0·953	0·804
1936	0·821	0·833	0·824	0·775	0·792	0·772	0·665	0·673	0·645	0·766	0·784	0·750	0·758

BRITISH GUIANA

§ 1. *Authorities.*

1. Hydrographic Department, Admiralty, London.
2. Harbour Authority, Georgetown.
3. Liverpool Observatory and Tidal Institute.

§ 2. *Apparatus.*

1. Recording gauge.

§ 3. *Datums.*

The bench-mark at Georgetown is on the lighthouse.

TABLE A: STATIONS, AUTHORITIES AND CONDITIONS

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums, § 3		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
			§ 1	§ 1	§ 1	§ 2	..	..	p. 10	..	ft.		
Georgetown	6° 48′ N.	58° 10′ W.	1	2	3	1	..	..	1*a*	..	−12·47	1927–8	..

TABLE B: MONTHLY AND ANNUAL MEAN HEIGHTS OF SEA-LEVEL

GEORGETOWN. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1927	..	..	..	..	5·75	5·78	5·76	5·88	5·92	5·90	5·96	6·05	..
1928	6·02	6·00	5·81	5·85	..	..	..	..	..	..	..	..	..

VENEZUELA

§ 1. *Authorities.*

1. Anglo-Saxon Petroleum Company.
2. Liverpool Observatory and Tidal Institute.

§ 2. *Apparatus.*

1. Recording gauge.

TABLE A: STATIONS, AUTHORITIES AND CONDITIONS

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
			§ 1	§ 1	§ 1	§ 2			p. 10				
Zapara Island	10° 58′ N.	71° 34′ W.	1	1	2	1	..	..	1*a*	..	..	1929–36	..

TABLE B: MONTHLY AND ANNUAL MEAN HEIGHTS OF SEA-LEVEL

ZAPARA ISLAND. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1929	..	2·219	2·128	2·427	2·638	2·559	2·583	2·758	2·812	2·805	2·777	2·437	..
1930	2·320	..	..	..	..	..	..	..	..	..	..	..	..
1931	..	..	..	..	..	2·761	2·704	2·600	2·708	2·913	3·239	2·809	..
1932	2·516	2·385	2·561	2·565	2·774	2·736	2·724	2·794	2·840	3·085	3·123	3·030	2·761
1933	2·626	2·357	2·544	2·567	2·801	2·770	2·767	2·787	2·928	3·084	3·362	2·912	2·792
1934	2·589	2·535	2·485	2·584	2·698	..	..	..	..	..	..	..	..
1935	2·545	2·649	2·533	2·497	2·915	3·160	2·994	2·967	3·028	3·266	3·337	3·080	2·914
1936	2·750	2·570	2·525	2·550	2·435	3·025	2·845	2·925	3·035	3·215	3·170	2·835	2·823

BERMUDA

§ 1. *Authorities.*

1. Hydrographic Department, Admiralty, London.
2. Liverpool Observatory and Tidal Institute.
3. Coast and Geodetic Survey, Washington, D.C.
4. Biological Station for Research, Bermuda.

§ 2. *Apparatus.*

1. Recording gauge.

TABLE A: STATIONS, AUTHORITIES AND CONDITIONS

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
			§ 1	§ 1	§ 1	§ 2			p. 10		ft.		
Ireland Island	32° 19′ N.	64° 50′ E.	1	1	2	1	..	..	5, 1*a*	..	..	1833–43, 1852–4	..
St. Georges	32 22 „	64 42 „	3	3, 4	3	1	..	..	1*a*	..	−8·95	1932–6	..

TABLE B: MONTHLY AND ANNUAL MEAN HEIGHTS OF SEA-LEVEL

IRELAND ISLAND. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1833	4·65	4·37	4·12	4·41	4·57	4·62	4·36	4·50	4·64	4·91	4·76	4·94	4·57
1834	4·60	4·77	4·51	4·37	4·32	4·28	4·13	4·28	4·28	4·71	4·80	4·66	4·48
1835	4·67	4·65	4·40	4·28	4·20	4·18	4·49	4·71	4·70	4·62	4·36	4·55	4·51
1836	4·65	4·63	4·69	4·59	4·58	4·50	4·34	4·34	4·53	4·67	4·51	4·62	4·55
1837	4·80	4·70	4·51	4·49	4·32	4·38	3·36	3·24	3·60	3·91	3·61	3·17	..
1838	3·01	3·26	2·90	2·76	2·58	2·57	3·84	3·88	3·78	3·93	3·70	3·70	3·33
1839	3·32	3·03	3·01	2·92	3·06	3·08	3·08	3·27	3·30	3·82	3·56	3·38	3·24
1840	3·02	2·89	2·97	2·70	3·12	3·35	3·45	3·53	3·62	3·65	3·78	3·47	3·30
1841	3·17	3·51	3·28	3·26	3·17	3·29	3·18	3·28	3·76	4·04	3·59	3·58	3·43
1842	3·40	3·44	3·04	3·12	3·40	3·64	3·43	3·68	3·88	3·77	3·70	3·67	3·51
1843	3·52	3·52	3·59	3·46	3·43	2·85	3·02	3·27	3·19	..	..	..	..
1852	..	..	..	..	..	..	..	..	..	..	..	(1·42)	..
1853	(1·10)	(1·18)	(1·35)	(1·02)	0·90	0·74	(1·03)	(1·26)	..	..	..	..	..
1854	..	..	..	(0·55)	(0·91)	(1·16)	(1·35)	(1·02)	(0·91)	..	..	..	..

ST. GEORGES. The mean values increase upwards; the unit is 1 foot.

1932	..	..	..	..	..	..	..	..	..	..	4·17	4·02	..
1933	..	..	4·12	3·83	4·09	4·55	4·09	3·86	4·01	4·58	4·30	4·14	4·16
1934	4·11	4·05	3·78	3·99	4·23	3·88	4·30	4·81	4·57	4·12	4·16	4·44	4·20
1935	4·48	4·21	4·12	4·11	4·15	4·15	4·18	4·37	4·09	4·22	4·30	4·19	4·21
1936	4·07	3·93	3·88	3·87	3·83	3·95	4·35	4·23	4·17	4·52	4·53	..	(4·12)

( ), the enclosed mean values have been calculated from an incomplete series of observations.

UNITED STATES

§ 1. *Authorities.*

1. Coast and Geodetic Survey, Washington, D.C.

a. Spec. Pub. 139.

2. U.S. Army Engineers.

§ 2. *Apparatus.*

1. Recording gauge described in Authority 1*a*.

§ 3. *Datums.*

The mean values for each station in Table B are independently referred to an arbitrary datum, usually the zero of the tide-staff as originally installed. Each of these datums is defined by its relation to a selected local bench-mark, a description of which may be obtained from the U.S. Coast and Geodetic Survey.

UNITED STATES

TABLE A: STATIONS, AUTHORITIES AND CONDITIONS

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums, § 3		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
			§ 1	§ 1	§ 1	§ 2			p. 10		ft.		
Gulf Coast													
Galveston, Texas	29° 19′ N.	94° 47′ W.	1	1	1	1	..	..	1	..	− 9·50	1908–36	..
Pensacola, Florida	30 24 ,,	87 13 ,,	1	1	1	1	..	..	1	..	−17·02	1923–36	..
Cedar Keys, Florida	29 08 ,,	83 02 ,,	1	1	1	1	..	..	1	..	−11·42	1914–25	..
Key West (Curry's Wharf), Florida	24 34 ,,	81 48 ,,	1	1	1	1	..	..	1	..	−13·06	1913–25	..
Key West (Naval Base), Florida	24 33 ,,	81 48 ,,	1	1	1	1	..	..	1	..	−13·06	1926–36	..
Atlantic Coast													
Miami Beach, Florida	25 46 ,,	80 08 ,,	1	1	1	1	..	..	1	..	− 9·48	1931–6	..
Mayport, Florida	30 24 ,,	81 26 ,,	1	1	1	1	..	..	1	..	− 7·72	1928–36	..
Fernandina, Florida	30 41 ,,	81 28 ,,	1	1	1	1	..	..	1	..	−16·09	1897–1924	..
Charleston, S.C.	32 47 ,,	79 55 ,,	1	1	1	1	..	..	1	..	−14·22	1921–36	..
Hampton Roads, Va.	36 57 ,,	76 20 ,,	1	1	1	1	..	..	1	..	−17·05	1927–36	..
Baltimore, Md.	39 16 ,,	76 35 ,,	1	1	1	1	..	..	1	..	− 8·53	1902–36	..
Atlantic City, N.J.	39 21 ,,	74 25 ,,	1	1	1	1	..	..	1	..	−19·95	1911–20, 1922–36	..
New York (Whitehall Street), N.Y.	40 42 ,,	74 01 ,,	1	1	1	1	..	..	1	..	−22·06	1928–36	..
New York (Barge Office Pier), N.Y.	40 42 ,,	74 01 ,,	1	2	2	1	..	..	5	..	..	1920–7	..
Fort Hamilton, N.Y.	40 37 ,,	74 02 ,,	1	1	1	1	..	..	1	..	..	1893–1920	..
Newport, R.I.	41 30 ,,	71 20 ,,	1	1	1	1	..	..	1	..	−37·34	1930–6	..
Boston, Mass.	42 21 ,,	71 03 ,,	1	1	1	1	..	..	1	..	−21·45	1921–36	..
Portland, Maine	43 40 ,,	70 15 ,,	1	1	1	1	..	..	1	..	−27·58	1912–36	..
Eastport, Maine	44 54 ,,	66 59 ,,	1	1	1	1	..	..	1	..	−51·46	1929–36	..
Alaska													
Seward	60 06 ,,	149 27 ,,	1	1	1	1	..	..	1	..	−17·53	1925–36	..
Ketchikan	55 20 ,,	131 38 ,,	1	1	1	1	..	..	1	..	−24·54	1919–36	..
Pacific Coast													
Seattle, Washington	47 36 ,,	122 20 ,,	1	1	1	1	..	..	1	..	−29·56	1899–1936	..
San Francisco, Cal.	37 48 ,,	122 28 ,,	1	1	1	1	..	..	1	..	−15·80	1897–1936	..
Los Angeles, Cal.	33 43 ,,	118 16 ,,	1	1	1	1	..	..	1	..	−17·59	1923–36	..
San Diego, Cal.	32 42 ,,	117 14 ,,	1	1	1	1	..	..	1	..	−19·00	1906–25	..
La Jolla, Cal.	32 52 ,,	117 15 ,,	1	1	1	1	..	..	1	..	−30·11	1924–36	..

UNITED STATES, GULF COAST

TABLE B: Monthly and Annual Mean Heights of Sea-Level

GALVESTON, TEXAS. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1908	..	..	..	..	3·63	4·04	3·57	3·33	4·19	3·89	3·32	2·96	..
1909	3·21	2·78	3·14	3·32	3·71	3·53	3·24	3·58i	3·97i	3·94i	3·92	3·43	3·48
1910	3·03	3·06	2·91	2·79	3·18	3·08	3·08	3·20	4·07	4·04	3·27	2·97	3·22
1911	2·82	3·14	3·24	3·75	3·72	3·04	3·10	3·26	3·72	3·74	3·41	3·31	3·35
1912	3·15	2·96	3·34	3·70	3·73	4·13	3·49	3·38	3·50	3·88	3·46	3·40	3·51
1913	2·97	3·54	3·64	3·74	4·05	3·91	3·30	3·69	4·12	3·69	3·48	3·45	3·63
1914	3·17	3·19	2·88	3·53	4·20	3·64	3·31	3·64	4·02	3·90	3·78	3·59	3·57
1915	3·09	3·40	3·22	3·33	3·59	3·34	3·41	3·39i	3·89i	4·00	3·41	3·35	3·45
1916	3·54	3·13i	3·23i	3·45i	3·70i	3·43	3·21	3·71	3·89	4·01	3·58	3·04	3·49
1917	2·86	2·84	3·35	3·42	3·60	3·47	3·16	3·03	3·75	3·54	2·89	3·07	3·25
1918	2·59	2·89	3·11	3·52	3·86	3·40	3·31	3·26	3·59	3·76	3·43	3·29	3·33
1919	3·10	3·33	3·63	3·53	3·63	4·15	3·44	3·23	4·42	4·17	4·13	3·58	3·70
1920	3·52	3·46	3·24	3·50	3·67	3·70	3·51	3·59	3·71	4·19	3·61	3·37	3·59
1921	3·43	3·40	4·20	4·54	4·49	4·44	3·82	3·83	4·33	3·92i	3·45	3·22	3·92
1922	3·30	3·51	3·49	4·14	3·93	3·87	3·47	3·34	4·04	4·02	4·03	3·52	3·72
1923	3·38	3·54	3·79	4·04	4·17	4·23	3·54	3·20	3·72	4·46	3·71	3·53	3·78
1924	3·53	3·11	3·50	3·28	3·21	3·53	3·53	3·28	3·98	4·20	3·48	3·31	3·50
1925	3·05	3·11	3·41	3·51	3·51	3·61	3·10	3·41	3·85	3·83	4·01	3·31	3·48
1926	3·11	2·78	3·38	3·54	3·46	3·33	3·21	3·61	4·17	4·06	3·41	3·88	3·50
1927	3·44	3·68	3·66	4·07	4·01	3·88	3·72	3·59	3·92	3·91	3·85	3·57	3·78
1928	3·14	3·22	3·23	3·56	3·62	3·70	3·38	3·60	4·39	3·94	3·67	3·49	3·58
1929	3·49	3·67	3·80	4·21	4·20	4·18	4·10	4·01	4·44	4·20i	3·88i	3·68i	3·99
1930	3·60i	3·65i	3·62	3·73	4·16	3·80	3·34	3·58	3·87	4·24	3·52	3·19	3·69
1931	3·11	3·42	3·02	3·34	3·21	3·34	3·49	3·52	3·88	4·12	3·81	3·64	3·49
1932	3·86	4·02	3·40	3·45	3·69	3·66	3·60	3·85	4·21	3·93	3·40	3·66	3·73
1933	3·52	3·78	3·75i	3·90	4·18	3·83	3·90	4·14	4·44	4·29	3·72	3·45	3·91
1934	3·60	3·37	3·39	3·66	3·63	3·63	3·50	3·54	3·91	4·06	3·91	3·37	3·63
1935	3·30	3·32i	3·50i	3·53	4·19	4·00	3·87	3·73	4·08	4·34	3·98	3·62	3·79
1936	3·31	3·64	3·44	3·51	4·34	4·14	3·81	4·05	4·17	4·07	3·59	3·51	3·80

PENSACOLA, FLORIDA. The mean values increase upwards; the unit is 1 foot.

1923	..	..	..	..	8·95	9·00	8·68	8·77	8·98	9·05	8·57	8·41	..
1924	8·12	8·20	8·35	8·11	8·17	8·51	8·56	8·53	8·94	8·75	8·46	8·12	8·40
1925	8·39	8·40	8·26	8·38	8·43	8·52	8·39	8·59	8·79	8·74	8·72	8·19	8·48
1926	8·07	8·03	8·20	8·36	8·39	8·48	8·39	9·00	9·32	9·04	8·48	8·56	8·53
1927	8·12	8·52	8·44	8·65	8·52	8·69	8·79	8·79	8·76	8·63	8·58	8·39	8·57
1928	7·92	8·05	8·29	8·49	8·70	8·67	8·64	8·79	8·95	8·80	8·50	8·41	8·52
1929	8·27	8·45	8·99	8·89	8·87	8·92	9·06	8·95	9·16	8·87	8·83	8·36	8·80
1930	8·33	8·47	8·37	8·44	8·64	8·56	8·41	8·56	8·80	8·74	8·40	8·14	8·49
1931	7·99	8·34	8·39	8·23	8·10	8·18	8·62	8·64	8·73	8·79	8·46	8·61	8·42
1932	8·58	8·57	8·25	8·30	8·54	8·65	8·64	8·90	9·11	8·94	8·50	8·71	8·64
1933	8·37	8·52	8·48	9·10	9·00	8·74	8·91	9·01	9·13	9·00	8·58	8·38	8·77
1934	8·34	8·09	8·20	8·38	8·42	8·64	8·51	8·64	8·82	9·02	8·79	8·28	8·51
1935	8·17	8·05	8·33	8·45	8·80	8·74	8·90	8·90	8·74	8·89	8·74	8·26	8·58
1936	8·55	8·40	8·24	8·42	8·82	8·96	8·73	9·01	9·02	8·93	8·40	8·41	8·66

CEDAR KEYS, FLORIDA. The mean values increase upwards; the unit is 1 foot.

1914	..	..	..	4·61	4·79	4·96	5·05	5·23	5·00	4·94	4·78	4·57	..
1915	4·51	4·51	4·52	4·49	4·94	4·83	5·11	5·07	5·07	4·75	4·86	4·54	4·77
1916	4·50	4·39	4·51	4·55	4·78	4·94	5·14	4·96	4·98	4·89	4·72	4·68	4·75
1917	4·45	4·30	4·60	4·79	4·87	4·96	5·04	5·04	5·03	4·87	4·49	4·43	4·74
1918	4·65	4·28	4·60	4·89	4·87	5·06	4·90	4·96	5·00	4·92	4·62	4·72	4·79
1919	4·35	4·59	4·62	4·67	4·93	4·77	5·12	5·13	5·14	5·33	5·03	4·42	4·84
1920	4·40	4·38	4·22	4·81	4·58	4·95	5·06	5·14	5·14	4·86	4·71	4·59	4·74
1921	4·50	4·57	4·67	4·79	4·95	5·01	5·14	4·97	5·13	4·90	4·90	4·69	4·85
1922	4·44	4·68	4·67	4·80	4·94	4·95	5·20	5·11	5·00	5·05	4·97	4·75	4·88
1923	4·52	4·34	4·65	4·75	5·12	5·17	4·98	5·21	5·03	4·96	4·78	4·55	4·84
1924	4·26	4·43	4·72	4·34	4·58	4·94	5·06	4·93	5·25	4·50	4·68	4·29	4·66
1925	4·52	4·59	4·48	4·69	4·81	4·91	5·02	5·04	5·20	5·09	4·82	4·43i	4·80

i, the mean values have been obtained by interpolation or inference.

UNITED STATES, GULF COAST

TABLE B—*continued.*

KEY WEST (CURRY'S WHARF), FLORIDA. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1913	4·66i	4·83	4·68	4·87	4·89	5·00	4·89	5·17	5·19	5·20	4·99	4·85	4·94
1914	4·71	4·57	4·47	4·67	5·10	4·96	4·77	5·18	5·32	5·06	5·01	5·00	4·90
1915	4·87	4·82	4·79	4·75	4·70	4·82	4·84	4·95	5·19	5·19	5·08	4·75	4·90
1916	4·68	4·77	4·55	4·71	4·95	4·74	4·97	5·02	5·23	5·51	5·28	4·88	4·94
1917	4·57	4·64	5·10	5·05	4·93	4·84	4·75	4·77	5·32	5·53	5·46	5·10	5·00
1918	4·75	4·49	4·73	4·98	4·93	4·86	4·88	4·99	5·13	5·06	5·12	5·00	4·91
1919	4·68i	4·55	4·75	4·67	4·76	4·91	4·94	4·98	5·28	5·34	5·21	4·89	4·91
1920	4·53	4·72	4·26	4·62	4·76	4·92	4·90	4·92	5·16	5·21	5·07	4·87	4·83
1921	4·73	4·68	4·73	4·91	4·95	5·12	4·92	4·98	5·31	5·44	5·00	4·87	4·97
1922	4·65	4·81	4·81	4·77	4·88	4·93	4·99	5·06	5·28	5·28	5·02	4·68	4·93
1923	4·68	4·63	4·80	4·88	5·04	4·89	4·78	4·78	5·07	5·15	4·97	4·61	4·86
1924	4·66	4·72	4·74	4·49	4·64	4·81	4·99	5·14	5·26	5·33	5·14	4·49	4·87
1925	4·61	4·76	4·68	4·50	4·88	4·81	4·83	5·08	5·19	5·14	5·27	4·94i	4·89

KEY WEST (NAVAL BASE), FLORIDA. The mean values increase upwards; the unit is 1 foot.

1926	4·56i	4·34	4·40	4·65	4·72	4·79	4·81	5·13	5·31	5·38	5·07	4·79	4·83
1927	4·77	4·80	4·81	4·84	4·82	4·89	4·78	5·06	5·06	5·28	5·27	5·00	4·95
1928	4·63	4·34	4·57	4·57	4·82	4·90	4·94	5·10	5·22	5·28	5·18	5·02	4·88
1929	4·62	4·86	4·71	4·91	4·86	4·92	5·10	5·07	5·20	5·03	4·99	4·92	4·93
1930	4·96	4·92	4·81	4·87	4·90	4·86	4·90	5·15	5·08	5·29	5·00	4·78	4·96
1931	4·50	4·63	4·82	4·81	4·53	4·72	4·80	4·81	5·13	5·11	5·09	4·90	4·82
1932	4·84	4·69	4·67	4·77	4·86	4·87	4·92	5·09	5·26	5·20	5·26	5·21	4·97
1933	4·88	4·77	4·65	4·95	5·04	5·14	5·04	5·24	5·36	5·08	5·35	4·82	5·08
1934	4·81	4·56	4·66	4·80	4·75	4·86	4·87	4·93	5·30	5·42	5·19	5·03	4·93
1935	5·01	4·73	4·83	4·99	4·84	4·89	4·99	5·14	5·10	5·55	5·34	4·93	5·03
1936	4·84	4·90	4·72	4·75	5·20	5·22	5·08	5·11	5·38	5·57	5·30	5·23	5·11

UNITED STATES, ATLANTIC COAST

MIAMI BEACH, FLORIDA. The mean values increase upwards; the unit is 1 foot.

1931	..	..	..	..	..	3·15	3·09	3·14	3·46	3·54	3·40	3·22	..
1932	3·15	3·13	3·11	3·19	3·24	3·21	3·25	3·33	3·78	3·50	3·74	3·61	3·36
1933	3·27	3·21	3·12	3·37	3·42	3·19	3·28	3·47	3·62	4·20	3·92	3·20	3·46
1934	3·22	3·08	3·05	3·24	3·24	3·31	3·19	3·27	3·58	3·91	3·63	3·36	3·34
1935	3·49	3·31	3·20	3·45	3·22	3·31	3·23	3·31	3·44	3·98	4·00	3·48	3·45
1936	3·27	3·36	3·14	3·12	3·72	3·69	3·28	3·44	3·80	3·92	3·68	3·67	3·51

MAYPORT, FLORIDA. The mean values increase upwards ; the unit is 1 foot.

1928	..	..	..	..	3·57	3·26	3·40	3·66	4·10	4·34	4·06	4·00	..
1929	3·21	3·75	3·23	3·40	3·33	3·89	3·59	3·53	4·21	4·04	3·87	3·35	3·62
1930	3·84	3·72	3·39	3·56	3·40	3·69	3·35	3·72	3·60	4·26	3·77	3·51	3·65
1931	3·25	3·57	3·68	3·45	3·29	3·23	3·23	3·11	3·67	4·07	3·66	3·64	3·49
1932	3·32	3·39	3·11	3·22	3·51	3·59	3·16	3·65	4·35	3·97	4·17	3·88	3·61
1933	3·69	3·53	3·40	3·84	3·54	3·72	3·65	3·99	4·01	4·68	4·06	3·55	3·81
1934	3·41	3·41	3·35	3·48	3·75	3·48	3·45	3·35	3·98	4·48	3·92	3·57	3·64
1935	3·88	3·52	3·38	3·66	3·59	3·54	3·36	3·62	4·08	4·53	4·60	3·74	3·79
1936	3·37	3·66	3·35	3·55	4·09	4·08	3·36	3·72	4·12	4·40	3·90	3·97	3·80

i, the mean values have been obtained by interpolation or inference.

UNITED STATES, ATLANTIC COAST

TABLE B—*continued.*

FERNANDINA, FLORIDA. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1897	..	..	..	..	..	6·18	5·76	5·93	6·76	7·25	6·26	6·08	..
1898	5·67	5·98	6·17	5·96	6·02	5·87	5·83	5·90	6·71	7·04	6·51	5·66	6·11
1899	6·13	5·79	5·50	6·12	6·54	6·03	6·08	6·30	6·64	7·11	6·61	6·23	6·26
1900	5·85	5·58	5·76	6·07	6·15	6·05	5·68	5·94	6·22	6·87	6·18	6·19	6·04
1901	6·14	5·77	5·41	5·96	6·01	5·97	5·76	5·85	7·02	7·16	6·63	5·95	6·14
1902	5·77	5·63	5·88	5·87	6·14	6·12	5·84	6·01	6·61	6·79	6·88	6·22	6·15
1903	5·86	5·80	6·30	6·31	6·94	6·56	6·10	6·00	6·68	6·93	6·71	5·86	6·34
1904	5·85	6·12	6·04	6·07	6·43	6·39	5·86	5·78	6·64	7·26	6·53	5·96	6·24
1905	5·52	5·91	6·16	5·84	6·05	6·22	5·81	6·59	6·63	6·90	6·54	6·22	6·20
1906	6·03	6·38	5·99	5·90	6·43	6·37	6·14	5·94	6·63	7·02	6·42	6·08	6·28
1907	5·88	5·98	5·94	6·39	6·12	6·11	5·75	5·79	5·88	6·57	6·16	5·68	6·02
1908	5·37	5·46	5·67	6·08	5·91	6·51	6·41	6·28	7·13	7·45	6·43	5·89	6·22
1909	6·21	5·31	5·60	5·84	6·22	6·03	6·16	6·49	7·09	6·72	6·58	5·95	6·18
1910	5·60	5·63	6·04	5·80	5·72	5·84	5·60	6·04	6·56	6·63	6·45	5·79	5·98
1911	5·56	5·85	5·87	6·15	6·26	6·06	5·55	5·97	6·28	6·45	6·47	6·16	6·05
1912	6·04	5·77	5·96	5·72	5·88	6·39	6·25	5·60	6·38	6·99	6·42	5·86	6·10
1913	5·78	6·27	5·97	6·24	6·21	6·14	5·78	6·20	6·59	6·18	5·97	5·84	6·10
1914	5·86	5·92	5·61	5·92	6·10	6·34	6·12	5·99	6·76	6·55	6·24	6·56	6·16
1915	5·98	6·24	6·18	6·11	6·04	6·37	5·98	5·87	6·59	6·68	6·16	5·75	6·16
1916	5·74	5·75	5·56	5·88	6·10	5·85	5·70	5·89	6·63	7·01	6·23	5·55	5·99
1917	5·49	5·26	5·64	5·87	5·83	5·86	5·55	5·96	6·72	6·46	6·25	6·12	5·92
1918	5·44	5·44	5·67	6·01	5·78	6·10	5·95	6·01	6·60	6·67	6·52	6·20	6·03
1919	6·01	6·08	6·33	6·44	6·12	6·60	6·27	5·93	6·58	6·60	6·75	6·28	6·33
1920	5·75	6·12	5·40	5·73	6·46	6·16	5·80	5·99	6·57	6·78	6·39	5·97	6·09
1921	6·07	6·13	6·13	6·17	6·48	6·57	6·02	6·19	6·46	6·87	6·21	6·12	6·28
1922	5·83	5·92	5·91	5·86	6·16	6·09	5·77	5·96	6·85	6·78	6·36	5·84	6·11
1923	5·78	5·93	5·78	6·15	6·34	5·99	6·06	5·55	6·26	6·77	6·48	5·81	6·08
1924	5·67	5·93	5·86	5·72	5·74	5·84	..	..	..	..	..	..	..

CHARLESTON, S.C. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1921	..	..	..	..	..	..	..	..	..	5·47	5·16	5·01	..
1922	4·60	4·88	4·83	4·81	5·08	5·01	4·83	4·96	5·57	5·35	5·11	4·67	4·98
1923	4·72	4·81	4·57	4·91	5·19	4·90	4·78	4·65	5·09	5·42	5·22	4·64	4·91
1924	4·46	4·85	4·77	4·79	4·76	4·82	4·99	5·14	5·61	5·63	5·18	4·77	4·98
1925	5·05	4·94	4·88	5·05	5·06	5·03	5·04	5·40	5·35	5·02	5·19	4·59	5·05
1926	4·37	4·31	4·44	4·67	4·89	5·00	4·89	5·06	5·53	5·25	4·82	4·75	4·83
1927	4·50	4·57	4·88	4·97	4·84	5·06	4·77	5·01	5·11	5·17	4·97	4·94	4·90
1928	4·17	4·54	4·72	4·72	5·12	4·77	4·86	5·09	5·32	5·46	5·13	5·15	4·92
1929	4·46	5·01	4·62	4·86	4·77	5·31	4·95	5·00	5·39	5·18	5·14	4·61	4·94
1930	5·11	4·95	4·60	4·94	4·69	4·89	4·69	4·98	4·87	5·40	4·95	4·79	4·90
1931	4·49	4·91	5·09	4·62	4·58	4·72	4·74	4·56	5·02	5·25	4·86	4·90	4·81
1932	4·70	4·81	4·52	4·66	4·89	4·98	4·66	5·04	5·64	5·27	5·41	5·12	4·98
1933	5·02	4·80	4·78	5·21	4·99	5·16	5·08	5·36	5·38	5·73	5·16	4·78	5·12
1934	4·62	4·69	4·63	4·84	5·03	4·75	4·75	4·72	5·25	5·68	5·08	4·90	4·91
1935	5·13	4·78	4·79	5·10	5·05	5·02	4·83	5·07	5·39	5·49	5·64	4·86	5·10
1936	4·60	4·86	4·65	4·92	5·27	5·38	4·86	5·13	5·54	5·67	5·02	5·24	5·10

HAMPTON ROADS, VA. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1927	..	..	..	..	..	..	..	..	5·08	5·03	4·97	..	..	..
1928	4·02	4·37	4·55	4·51	4·95	4·71	4·65	4·90	5·31	4·84	4·44	4·52	4·65
1929	4·07	4·72	4·48	4·88	4·43	4·95	4·68	4·92	5·17	4·85	4·76	4·43	4·70
1930	4·67	4·57	4·35	4·55	4·59	4·48	4·68	4·94	4·85	5·29	4·60*i*	4·70*i*	4·69
1931	4·41	4·49	5 15	4·64	4·68	4·98	4·91	5·04	5·12	4·97	4·58	4·51	4·79
1932	4·79	4·79	4·42	4·69	4·75	4·74	4·72	4·77	5·27	4·91	5·39	4·79	4·84
1933	4·93	4·47*i*	4·66	5·19	5·06	5·23	5·23	5·36	5·47	5·44	4·64	4·63	5·03
1934	4·56	4·50	4·65	4·88	4·84	4·84	4·79	4·82	5·30	5·20	4·72	4·57	4·81
1935	4·78	4·54*i*	4·62	5·16	4·81	4·92	4·73	5·05	5·25	5·06	5·60	4·79	4·94
1936	4·55	4·81	1·88	4·69	4·72	4·94	5·00	4·81	5·22	5·11	4·63	4·76	4·84

i, the mean values have been obtained by interpolation or inference.

UNITED STATES, ATLANTIC COAST

TABLE B—*continued.*

BALTIMORE, MD. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1902	..	..	..	..	..	..	4·44	4·49	4·16	4·53	4·42	4·00	..
1903	3·64	3·47	4·04	4·36	4·37	4·78	4·39	4·61	4·50	4·39	3·92	3·42	4·16
1904	3·52	3·33	3·77	3·82	4·17	4·35	4·28	4·21	4·36	4·12	3·90	3·70	3·96
1905	3·41	3·37	3·79	3·92	4·11	4·32	4·44	4·49	4·39	4·20	3·94	3·80	4·02
1906	3·90	3·50	3·62	3·97	4·09	4·52	4·57	4·57	4·37	4·34	3·74	3·46	4·05
1907	3·72	3·52	3·87	3·78	4·14	4·44	4·23	4·27	4·25	4·01	4·00	3·95	4·02
1908	3·64	3·56	3·85	3·76	4·24	4·37	4·33	4·55	4·51	4·46	3·70	3·72	4·06
1909	3·72	3·63	3·71	3·96	4·44	4·37	4·28	4·54	4·46	4·03	3·95	3·87	4·08
1910	3·84	3·50	4·00	4·42	4·17	4·36	4·49	4·45	4·65	4·37	3·77	3·75	4·15
1911	3·71	3·86	3·73	4·08	4·12	4·38	4·21	4·44	4·60	4·52	3·78	3·77	4·10
1912	3·39	3·61	3·74	3·89	4·30	4·21	4·21	4·28	4·69	4·23	3·87	3·60	4·00
1913	3·74	3·53	3·52	3·94	4·09	4·23	4·20	4·47	4·40	4·43	4·01	3·77	4·03
1914	3·99	3·44	3·54	4·13	4·13	4·18	4·40	4·38	4·23	4·46	3·85	3·99	4·06
1915	3·99	3·95	3·79	3·81	4·24	4·46	4·51	4·62	4·45	4·42	4·13	3·64	4·17
1916	3·80	3·48	3·72	4·18	4·18	4·61	4·51	4·51	4·44	4·34	4·08	3·67	4·13
1917	3·73	3·49	4·05	3·99	4·33	4·34	4·47	4·51	4·42	4·32	3·99	3·69	4·11
1918	3·85	3·73	3·99	4·35	4·18	4·49	4·40	4·48	4·41	4·38	4·11	4·12	4·21
1919	3·67	3·85	3·86	4·07	4·63	4·77	4·70	4·61	4·54	4·61	4·48	3·87	4·30
1920	3·67	3·75	3·62	4·37	4·40	4·40	4·29	4·44	4·44	4·40	4·20	4·09	4·17
1921	3·75	4·09	4·04	4·24	4·68	4·44	4·48	4·39	4·60	4·11	4·23	3·96	4·25
1922	3·33	3·80	3·97	4·13	4·38	4·41	4·49	4·45	4·58	4·38	3·98	3·88	4·15
1923	3·87	3·62	4·05	4·20	4·34	4·13	4·39	4·44	4·45	4·28	4·26	4·02	4·17
1924	3·64	4·00	4·13	4·27	4·71	4·54	4·40	4·54	4·57	4·27	4·08	3·42	4·21
1925	3·89	4·03	3·70	4·15	4·23	4·31	4·38	4·33	4·54	4·03	3·90	3·51	4·08
1926	3·45	3·88	3·57	3·88	4·10	4·25	4·28	4·60	4·73	4·45	4·10	3·88	4·10
1927	3·47	4·12	3·99	4·11	4·31	4·44	4·41	4·50	4·49	4·49	4·13	4·02	4·21
1928	3·38	3·71	3·85	4·05	4·28	4·54	4·46	4·59	4·56	4·28	3·73	3·72	4·10
1929	3·26	3·83	3·93	4·35	4·21	4·49	4·32	4·40	4·51	4·27	4·09	3·83	4·12
1930	3·76	3·94	3·88	3·96	4·01	4·24	4·32	4·50	4·49	4·36	3·80	3·75	4·08
1931	3·70	3·73	4·13	4·05	4·34	4·47	4·59	4·41	4·45	4·36	4·07	3·80	4·18
1932	4·20	4·09	3·55	4·01	4·20	4·41	4·31	4·47	4·61	4·33	4·33	4·05	4·21
1933	4·09	3·66	3·81	4·50	4·53	4·49	4·73	4·90	4·81	4·56	4·00	3·93	4·33
1934	3·80	3·40	3·88	4·38	4·28	4·62	4·60	4·48	4·83	4·33	4·05	3·84	4·21
1935	3·79	3·78	4·04	4·30	4·26	4·58	4·57	4·68	4·60	4·40	4·47	3·79	4·27
1936	3·78	4·04	4·59	4·21	4·27	4·58	4·65	4·57	4·59	4·59	3·94	3·99	4·32

ATLANTIC CITY, N.J. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1911	..	..	..	..	..	..	..	..	6·50	6·51	5·89	5·98	..
1912	5·74	5·66	5·84	5·89	6·06	6·11	6·08	6·23	6·55	6·27	6·01	5·64	6·01
1913	5·73	5·64	5·48	6·10	6·21	6·21	6·09	6·34	6·36	6·68	6·15	6·02	6·08
1914	6·41	5·82	5·86	6·04	6·23	6·14	6·37	6·26	6·42	6·44	6·01	6·41	6·20
1915	6·21	6·19	6·19	6·03	6·21	6·41	6·39	6·52	6·37	6·40	6·21	5·97	6·26
1916	5·82	5·92	6·07	6·34	6·16	6·44	6·21	6·45	6·34	6·33	6·14	5·81	6·17
1917	5·82	5·71	6·08	6·14	6·46	6·25	6·27	6·37	6·39	6·29	6·29	6·07	6·18
1918	6·08	5·80	6·08	6·52	6·08	6·41	6·41	6·26	6·30	6·19	6·25	6·36	6·23
1919	5·81	6·15	6·20	6·18	6·50	6·56	6·40	6·68	6·49	6·64	6·66	6·19	6·37
1920	6·02	6·24	5·70	6·40	6·48	6·55	6·23	6·43	6·50	6·52	6·44	6·21	6·31
1922	..	..	..	..	..	..	..	..	..	..	..	6·14	..
1923	6·10	5·96	6·00	6·14	6·12	6·18	6·28	6·28	6·27	6·49	6·45	6·01	6·19
1924	5·57	6·24	6·56	6·13	6·46	6·40	6·21	6·41	6·43	6·43	6·10	5·65	6·22
1925	6·18	5·91	5·84	6·16	6·25	6·21	6·29	6·32	6·49	6·19	5·87	5·82	6·13
1926	5·61	6·10	5·72	5·93	6·18	6·24	6·35	6·59	6·62	6·45	6·06	6·17	6·17
1927	5·82	6·31	6·25	6·25	6·32	6·44	6·31	6·60	6·49	6·53	6·28	6·34	6·33
1928	5·58	5·88	6·04	6·01	6·40	6·35	6·30	6·53	6·65	6·22	6·02	5·94	6·16
1929	5·56	6·22	6·01	6·53	5·94	6·43	6·24	6·38	6·49	6·25	6·18	5·98	6·18
1930	6·04	6·01	5·90	5·98	6·13	6·07	6·29	6·51	6·44	6·74	6·10	6·21	6·20
1931	6·01	6·09	6·79	6·16	6·28	6·58	6·58	6·74	6·63	6·53	6·15	6·05	6·38
1932	6·33	6·34	5·99	6·21	6·22	6·40	6·40	6·39	6·73	6·38	6·76	6·28	6·37
1933	6·56	5·93	6·19	6·50	6·49	6·64	6·68	6·86	6·85	6·71	6·24	6·19	6·49
1934	6·05	5·91	6·03	6·33	6·20	6·48	6·46	6·51	6·72	6·64	6·27	6·06	6·30
1935	6·15	5·98	6·08	6·64	6·27	6·58	6·43	6·61	6·65	6·52	7·05	6·38	6·44
1936	6·04	6·17	6·38	6·18	6·20	6·54	6·67	6·48	6·63	6·60	6·15	6·32	6·36

UNITED STATES, ATLANTIC COAST

TABLE B—*continued.*

NEW YORK (WHITEHALL STREET), N.Y. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1928	4·53	4·72	4·88	4·94	5·24	5·35	5·33	5·49	5·50	5·08	4·86	4·71	5·05
1929	4·34	5·03	4·99	5·51	4·98	5·39	5·21	5·28	5·39	5·12	5·10	4·90	5·10
1930	4·85	4·87	4·80	4·85	5·05	5·06	5·23	5·38	5·32	5·49	4·86	5·01	5·06
1931	4·79	4·86	5·57	5·10	5·23	5·45	5·50	5·53	5·43	5·30	4·96	4·83	5·21
1932	5·16	5·08	4·75	5·06	5·08	5·30	5·35	5·34	5·51	5·20	5·55	5·06	5·20
1933	5·30	4·71	5·00	5·43	5·40	5·48	5·54	5·64	5·67	5·45	5·02	4·94	5·30
1934	4·87	4·56	4·89	5·30	5·16	5·40	5·37	5·37	5·56	5·39	5·10	4·84	5·15
1935	4·89	4·78	5·02	5·49	5·19	5·50	5·42	5·49	5·45	5·32	5·80	5·13	5·29
1936	4·81	4·94	5·42	5·13	5·09	5·41	5·55	5·39	5·49	5·40	4·94	5·04	5·22

NEW YORK (BARGE OFFICE PIER), N.Y. The mean values increase upwards; the unit is 1 foot.

1920	..	..	..	..	..	5·42	5·19	5·34	5·32	5·34	5·25	5·18	5·29
1921	4·79	5·22	4·90	5·28	5·64	5·23	5·33	5·22	5·34	5·04	5·30	4·91	5·18
1922	4·62	4·81	4·90	5·00	5·14	5·24	5·26	5·24	5·30	5·22	5·05	4·98	5·06
1923	4·96	4·75	4·83	5·10	5·10	5·17	5·20	5·20	5·18	5·27	5·33	4·94	5·09
1924	4·55	5·11	5·38	5·12	5·40	5·26	5·15	5·32	5·26	5·21	5·00	4·56	5·11
1925	5·13	4·83	4·69	5·05	5·10	5·12	5·18	5·18	5·34	5·00	4·92	4·75	5·02
1926	4·51	4·92	4·60	4·85	5·06	5·12	5·17	5·41	5·42	5·26	4·90	4·95	5·01
1927	4·55	5·09	5·11	5·02	5·21	5·24*i*	5·14*i*	5·43*i*	5·27	5·31	5·10	5·12	5·13

FORT HAMILTON, N.Y. The mean values increase upwards; the unit is 1 foot.

1893	4·74	4·35	4·81	5·05	5·11	5·25	5·01	5·26	5·09	5·20	4·97	4·50	4·94
1894	4·98	4·70	4·79	5·30	5·17	4·98	5·00	5·10	5·18	5·15	4·59	4·88	4·98
1895	4·56	4·31	4·46	5·01	4·94	5·18	5·17	5·06	5·14	5·02	4·93	5·09	4·91
1896	4·93	4·55	4·30	4·88	5·14	5·12	5·00	5·14	5·23	5·44	5·03	5·08	4·99
1897	4·59	5·09	4·78	4·78	5·09	5·25	5·38	5·36	5·28	5·51	4·83	4·78	5·06
1898	4·79	4·81	4·84	5·26	5·41	5·23	5·23	5·16	5·19	5·31	5·06	4·64	5·08
1899	4·56	4·75	5·05	5·05	5·28	5·10	5·07	5·38	5·30	5·15	5·26	4·87	5·07
1900	4·36	4·46	4·61	4·83	5·10	5·22	5·11	5·28	5·22	5·24	4·93	4·84	4·93
1901	4·94	4·16	4·80	5·60	5·45	5·35	5·36	5·44	5·52	5·08	5·15	5·03	5·16
1902	4·76	4·89	5·17	5·15	5·04	5·18	5·33	5·38	5·47	5·42	5·42	5·16	5·20
1903	4·63	4·40	4·96	5·46	5·17	5·65	5·30	5·45	5·30	5·64	5·04	4·57	5·13
1904	4·72	4·37	4·77	4·97	5·09	5·29	5·19	5·11	5·18	5·10	5·09	4·85	4·98
1905	4·74	4·37	4·70	4·90	4·90	5·13	5·14	5·30	5·21	5·07	4·85	4·94	4·94
1906	4·98	4·67	4·55	5·02	5·01	5·31	5·33	5·36	5·27	5·39	4·96	4·73	5·05
1907	4·67	4·53	4·82	5·02	5·02	5·29	5·17	5·16	5·12	5·02	5·17	4·98	5·00
1908	4·68	4·51	4·69	4·64	5·12	5·14	5·15	5·50	5·35	5·45	4·69	4·72	4·97
1909	4·86	4·73	4·80	4·87	5·39	5·24	5·21	5·45	5·37	5·04	5·13	5·12	5·10
1910	5·01	4·75	4·97	5·38	5·21	5·37	5·32	5·18	5·40	5·21	5·22	4·96	5·16
1911	4·68	5·04	4·74	5·10	5·13	5·38	5·12	5·27	5·54	5·53	4·85	4·91	5·11
1912	4·46	4·54	4·75	4·88	5·09	5·02	5·02	5·20	5·43	5·19	5·00	4·60	4·93
1913	4·68	4·49	4·37	5·00	5·11	5·12	5·07	5·28	5·24	5·52	5·08	4·85	4·98
1914	5·17	4·61	4·90	5·09	5·22	5·16	5·31	5·21	5·27	5·35	4·90	5·11	5·11
1915	5·04	5·10	4·98	4·91	5·14	5·29	5·36	5·51	5·21	5·35	5·12	4·88	5·16
1916	4·76	4·78	5·00	5·42	5·25	5·51	5·17	5·36	5·33	5·23	5·06	4·56	5·12
1917	4·67	4·68	5·03	5·09	5·50	5·31	5·36	5·39	5·35	5·33	5·14	4·93	5·15
1918	5·00*i*	4·91*i*	5·12	5·34	4·86	5·26	5·27	5·27	5·17	5·06	5·09	5·26	5·13
1919	4·80	4·96	5·12	5·18	5·51	5·49	5·36	5·61	5·45	5·53	5·57	5·01	5·30
1920	4·83	5·03	4·60	5·38	5·39	5·54	5·27	5·42	5·38	5·40	5·33	5·15*i*	5·23

i, the mean values have been obtained by interpolation or inference.

UNITED STATES, ATLANTIC COAST

TABLE B—*continued.*

NEWPORT, R.I. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1930	..	..	..	..	..	..	..	..	..	3·27	2·76	2·89	..
1931	2·81	2·78	3·31	2·76	2·98	3·26	3·27	3·22	3·25	3·20	2·89	2·84	3·05
1932	2·99	3·03	2·95*i*	2·92*i*	2·86*i*	3·14	3·26	3·19	3·34	3·10	3·27	2·98	3·09
1933	3·20	2·84	2·96	3·09	3·17	3·30	3·31*i*	3·34	3·41	3·22*i*	3·08*i*	2·95	3·16
1934	2·81	2·54	2·62	2·98	2·93	3·34*i*	3·14	3·11	3·20	3·20	2·94	2·86	2·97
1935	2·90	2·71	2·85	3·19	3·03	3·23	3·17	3·22	3·20	3·13	3·46	3·07	3·10
1936	2·89	2·86	3·04	2·96	2·98	3·17	3·33	3·18	3·24	3·25	2·96	2·84	3·06

BOSTON, MASS. The mean values increase upwards; the unit is 1 foot.

1921	..	..	..	..	..	..	..	8·05	8·17	8·13	8·29	8·10	..
1922	7·76	7·85	8·02	8·11	8·09	8·20	8·22	8·21	8·18	8·22	8·22	8·03	8·09
1923	8·14	7·96	7·96	8·09	8·09	8·23	8·06	8·02	7·98	8·10	8·26	8·04	8·08
1924	7·75	8·11	8·44	8·18	8·26	8·19	8·08	8·17	8·12	8·13	8·06	7·74	8·10
1925	7·97	7·82	7·79	8·01	8·10	8·11	8·11	8·11	8·18	8·09	8·01	8·01	8·03
1926	7·77	8·22	7·81	7·97	8·07	8·07	8·14	8·23	8·15	8·25	7·96	8·09	8·06
1927	7·90	8·24	8·03	8·05	8·21	8·25	8·14	8·22	8·19	8·26	8·21	8·33	8·17
1928	7·91	7·80	8·00	7·91	8·20	8·25	8·21	8·25	8·27	8·09	8·07	7·85	8·07
1929	7·70	8·05	8·11	8·42	7·92	8·30	8·09	8·16	8·20	8·09	8·07	8·01	8·09
1930	7·86	7·90	7·93	7·88	8·07	8·02	8·19	8·22	8·23	8·50	7·99	8·15	8·08
1931	8·10	8·05	8·58	8·12	8·20	8·49	8·36	8·35	8·33	8·30	7·99	8·05	8·24
1932	8·20	8·24	8·25	8·15	8·00	8·24	8·29	8·21	8·34	8·18	8·41	8·13	8·22
1933	8·42	8·05	8·25	8·35	8·33	8·43	8·36	8·35	8·47	8·32	8·20	8·11	8·30
1934	8·02	7·83	7·77	8·19	8·01	8·36	8·24	8·14	8·28	8·40	8·09	8·07	8·12
1935	8·14	7·91	8·06	8·45	8·19	8·41	8·26	8·31	8·22	8·15	8·55	8·32	8·25
1936	8·22	8·11	8·25	8·16	8·14	8·27	8·42	8·22	8·26	8·25	8·10	7·90	8·19

PORTLAND, MAINE. The mean values increase upwards; the unit is 1 foot.

1912	12·72	12·87	12·73	13·07	13·14	13·24	13·32	13·36	13·36	13·14	13·16	12·85	13·08
1913	12·87	12·86	12·64	12·98	13·00	13·21	13·17	13·14	13·01	13·32	13·07	13·09	13·03
1914	13·28	12·81	13·00	12·92	13·07	13·01	13·23	13·19	13·29	13·18	13·12	13·03	13·09
1915	12·96	13·06	13·18	12·92	13·31	13·12	13·29	13·23	13·21	13·17	13·22	13·32	13·17
1916	12·94	13·02	13·07	13·25	13·28	13·39	13·11	13·27	13·16	12·98	13·08	13·01	13·13
1917	13·01	12·97	13·05	13·01	13·42	13·28	13·23	13·22	13·08	13·29	13·11	13·02	13·14
1918	13·30	13·03	13·06	13·12	13·05	13·23	13·18	13·07	13·15	13·08	13·20	13·25	13·14
1919	12·96	13·17	13·08	13·22	13·32	13·24	13·33	13·32	13·29	13·20	13·55	13·10	13·23
1920	13·07	13·04	12·80	13·38	13·15	13·31	13·23	13·16	13·25	13·40	13·21	13·30	13·19
1921	13·25	13·13	12·90	13·09	13·33	13·23	13·17	12·95	13·16	13·22	13·21	13·04	13·14
1922	12·62	12·85	13·00	13·18	12·95	13·10	13·05	13·10	13·04	13·20	13·18	12·96	13·02
1923	13·27	13·06	13·01	13·11	13·12	13·16	13·00	12·98	12·89	13·04	13·20	13·01	13·07
1924	12·76	13·03	13·37	13·17	13·22	13·18	13·06	13·18	13·09	13·09	13·03	12·82	13·08
1925	12·98	12·88	12·87	12·98	13·10	13·10	13·11	12·99	13·06	13·06	12·97	12·88	13·00
1926	12·71	13·02	12·71	12·85	12·99	13·05	13·09	13·16	13·07	13·19	12·89	13·03	12·98
1927	12·78	13·07	12·98	13·01	13·12	13·25	13·06	13·14	13·04	13·23	13·20	13·29	13·10
1928	12·86	12·80	12·96	12·85	13·09	13·20	13·13	13·21	13·23	13·07	13·05	12·76	13·02
1929	12·66	12·91	13·09	13·27	12·90	13·23	13·07	13·00	13·02	13·01	12·98	12·80	13·00
1930	12·78	12·79	12·86	12·84	13·05	13·04	13·25	13·06	13·10	13·28	12·80	12·89	12·98
1931	12·89	12·85	13·41	13·16	13·07	13·33	13·21	13·15	13·18	13·13	12·83	12·85	13·09
1932	13·02	13·03	13·12	13·04	12·94	13·17	13·31	13·21	13·31	13·03	13·27	13·01	13·12
1933	13·22	13·00	13·18	13·27	13·26	13·34	13·31	13·22	13·29	13·10	13·11	12·95	13·19
1934	12·95*i*	12·76*i*	12·70*i*	13·10	12·99	13·26	13·24	13·10	13·13	13·23	12·95	13·01	13·04
1935	13·07*i*	12·84*i*	12·99*i*	13·31	13·17	13·38	13·15	13·17	13·12	13·04	13·32	13·26	13·15
1936	13·16*i*	13·06*i*	13·17*i*	13·13	13·10	13·21	13·35	13·16	13·15	13·20*i*	13·01	12·87	13·13

i, the mean values have been obtained by interpolation or inference.

UNITED STATES, ATLANTIC COAST

TABLE B—*continued.*

EASTPORT, MAINE. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1929	..	..	..	..	..	..	..	..	..	13·91	13·99	13·95	..
1930	13·76	13·97	14·01	13·86	14·00	13·88	14·11	14·04	14·05	14·28	13·94	13·97	13·99
1931	14·06	13·94	14·37	14·08	14·03	14·19	14·14	14·06	14·17	14·22	13·99	14·06	14·11
1932	14·07	14·18	14·28	14·14	14·03	14·23	14·26	14·00	14·18	14·11	14·14	14·09	14·14
1933	14·33	14·18	14·13	14·11	14·23	14·27	14·16	14·21	14·28	14·07	14·23	14·03	14·19
1934	14·08	14·00	13·88	14·13	14·01	14·22	14·14	14·07	13·90	14·11	13·91	14·13	14·05
1935	13·94	13·87	14·02	14·14	14·18	14·14	14·08	14·05	14·04	14·05	14·33	14·50	14·11
1936	14·31	14·14	14·16	14·09	14·02	14·07	14·22	13·95	14·00	14·20	14·08	13·84	14·09

UNITED STATES, ALASKA

SEWARD. The mean values increase upwards; the unit is 1 foot.

1925	..	..	..	..	7·76	7·63	7·71	7·75	7·64	8·42	8·77	8·54	(8·03)
1926	8·68	8·81	8·48	8·09	8·24	7·75	8·12	7·93	7·76	8·57	8·45	8·69	8·30
1927	8·17	8·82	8·27	7·53	7·60	7·74	7·62	7·81	8·05	8·60	8·12	7·79	8·01
1928	8·20[i]	8·10	8·25	8·06	7·84	7·51	7·68	7·98	7·99	8·23	8·88	8·96	8·14
1929	7·76	7·66	7·86	7·56	7·58	7·75	7·95	8·00	7·87	8·99	8·39	8·02	7·95
1930	7·29	8·39	7·69	7·71	7·63	7·63	7·67	7·98	8·09	8·15	8·70	9·05	8·00
1931	9·10	8·89	8·14	8·05	7·95	7·89	7·91	7·97	8·21	8·80	8·30	8·48	8·31
1932	8·10	7·74	8·06	8·04	7·93	7·90	7·94	8·01	8·30	8·43	8·51	8·25	8·10
1933	8·10	7·63	7·94	7·68	7·60	7·75	7·90	8·12	8·17	8·17	8·36	7·91	7·94
1934	8·53	8·40	7·81	7·92	8·03	7·77	7·68	7·79	8·04	8·80	8·93	8·66	8·20
1935	8·20	8·54	7·71	7·59	7·61	7·67	7·72	7·84	7·92	7·99	7·84	8·68	7·94
1936	8·51	7·79	7·72	7·44	7·79	7·73	7·89	7·82	7·77	8·33	8·64	8·43	7·99

KETCHIKAN. The mean values increase upwards; the unit is 1 foot.

1919	15·21	14·73	14·26	14·35	14·36	14·06	14·04	13·93	14·14	13·84	14·39	14·42	14·31
1920	14·30	13·76	14·23	13·84	14·00	14·21	14·03	14·01	14·41	14·58	14·55	15·03	14·25
1921	14·61	14·59	14·03	14·00	13·79	14·31	13·96	13·96	14·32	14·89	14·56	14·51	14·29
1922	14·24	14·15	14·28	13·59	14·03	13·85	13·61	13·85	14·21	14·43	14·82	14·44	14·12
1923	14·59	13·91	13·78	14·18	14·08	13·97	13·81	13·97	14·25	14·52	14·93	15·10	14·26
1924	14·56	14·87	13·85	13·87	13·87	13·80	13·85	13·86	14·19	14·72	14·76	14·36	14·21
1925	14·44	14·60	14·17	14·10	14·16	14·20	14·16	13·97	13·89	14·03	14·63	14·96	14·28
1926	15·02	15·18	14·28	14·24	14·51	14·08	14·13	14·05	13·78	14·50	14·61	14·58	14·41
1927	14·60	14·80	14·35	14·02	13·99	14·06	13·93	13·87	14·23	14·63	14·53	14·08	14·26
1928	14·55	14·20	14·58	14·35	14·12	14·00	13·98	13·89	13·83	14·24	14·70	14·71	14·26
1929	14·05	13·64	14·11	13·95	13·68	14·15	14·22	14·31	13·75	14·52	14·16	14·38	14·08
1930	13·81	14·68	13·87	14·12	13·88	14·11	13·93	14·05	14·10	14·48	14·67	15·16	14·24
1931	15·24	14·88	14·38	14·40	14·14	14·24	14·03	13·95	14·34	14·61	14·31	14·93	14·45
1932	14·50	14·37	14·29	14·47	14·24	14·03	14·25	14·19	14·23	14·41	14·91	14·57	14·37
1933	14·70	14·14	14·46	13·92	14·23	14·23	14·19	14·05	14·39	14·26	14·49	14·79	14·32
1934	14·87	14·67	14·30	14·06	14·42	14·07	14·15	13·95	13·99	14·51	15·08	14·59	14·39
1935	14·61	14·64	14·47	13·90	13·77	14·22	13·97	14·06	14·00	14·23	14·21	15·15	14·27
1936	14·68	14·10	13·93	13·86	14·05	14·38	14·35	14·07[i]	14·04	14·21	14·57	14·89	14·26

( ), the enclosed mean value has been calculated from an incomplete series of observations; *i*, the mean value has been obtained by interpolation or inference.

UNITED STATES, PACIFIC COAST

TABLE B—*continued.*

SEATTLE, WASHINGTON. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1899	14·20	13·83	13·86	13·76	13·66	13·69	13·73	13·74	13·69	13·89	14·70	14·48	13·94
1900	14·48	14·22	14·33	13·91	14·12	14·13	13·87	13·75	13·69	14·08	14·15	14·47	14·10
1901	14·33	14·05	13·97	13·59	13·85	13·71	13·69	13·73	13·85	13·73	14·17	13·94	13·88
1902	13·94	14·59	14·17	13·85	13·91	13·81	13·82	13·86	13·81	14·03	14·34	14·54	14·06
1903	14·50	14·01	14·16	13·83	13·70	13·81	13·78	13·80	13·76	13·94	14·43	14·12	13·99
1904	14·07	14·83	14·56	14·08	13·77	13·72	13·87	13·76	13·77	13·84	14·56	14·38	14·10
1905	14·43	14·45	14·50	14·06	13·92	13·74	13·85	13·89	13·95	13·91	14·04	14·25	14·08
1906	14·43	14·55	14·32	13·95	14·02	14·21	13·96	13·94	13·79	13·73	14·05	14·36	14·11
1907	14·36	14·27	14·44	14·14	14·07	14·09	14·05	14·00	14·02	13·90	14·07	14·61	14·17
1908	14·63	14·18	14·10	13·92	13·98	13·91	13·98	14·01	13·87	13·88	14·27	14·20	14·08
1909	14·78	14·84	14·07	13·69	13·75	13·89	13·93	13·86	13·88	14·03	14·48	14·29	14·12
1910	14·46	14·10	14·11	13·89	13·91	13·89	13·82	13·70	13·72	13·87	14·22	14·08	13·98
1911	14·33	14·03	13·96	13·79	13·96	13·82	13·93	13·80	13·88	14·04	13·96	13·96	13·96
1912	14·41	13·98	13·92	13·82	13·84	13·85	13·86	13·79	13·80	13·94	14·30	14·00	13·96
1913	14·24	13·82	13·81	13·99	13·74	14·00	13·86	13·90	13·86	13·63	14·35	14·27	13·96
1914	15·26	14·18	14·04	14·15	14·00	13·98	13·88	13·86	13·90	14·24	14·08	14·41	14·16
1915	14·47	14·77	14·17	14·24	14·27	13·84	13·99	14·00	14·03	13·99	14·38	14·58	14·23
1916	14·48	14·27	14·37	14·05	13·97	13·90	14·08	14·04	14·00	13·67	13·87	14·26	14·08
1917	13·89	13·86	13·83	14·01	13·70	13·80	13·95	13·79	13·89	13·61	13·92	14·36	13·88
1918	14·36	14·42	14·40	14·00	13·98	13·99	14·01	13·97	14·07	14·14	14·40	14·41	14·18
1919	14·65	14·53	14·23	14·10	14·03	13·86	13·87	13·86	13·96	13·75	13·98	14·12	14·08
1920	13·98	13·77	14·18	13·68	13·69	13·80	13·87	13·83	14·04	14·29	14·09	14·67	13·99
1921	14·49	14·18	14·15	13·75	13·82	13·99	13·79	13·79	13·84	14·07	14·16	14·21	14·02
1922	13·86	14·24	13·98	13·55	13·72	13·88	13·86	13·92	13·90	14·02	13·92	14·37	13·94
1923	14·65	13·83	13·46	13·97	13·81	14·00	13·85	13·92	13·95	14·07	14·14	14·33	14·00
1924	14·09	14·38	13·71	13·62	13·69	13·74	13·70	13·43	13·82	14·27	14·23	14·07	13·90
1925	14·29	14·73	14·02	13·92	13·97	13·99	13·98	13·95[i]	13·90[i]	13·87	14·16	14·39	14·10
1926	14·45	14·72	13·94	14·06	14·00	13·72	13·78	13·80	13·90	14·15	14·49	14·22	14·11
1927	14·58	14·67	13·96	13·93	13·84	14·00	13·86	13·97	14·03	14·20	14·46	14·14	14·14
1928	14·35	14·09	14·30	14·23	13·90	13·94	13·93	13·99	13·86	13·91	14·16	14·25	14·08
1929	13·91	13·67	13·79	13·97	13·74	14·17	13·98	13·99	13·88	13·96	13·51	14·11	13·89
1930	13·98	14·42	14·02	14·19	13·92	13·93	13·90	14·10	14·12	14·09	14·14	14·19	14·08
1931	14·50	14·34	13·97	13·96	13·95	14·07	13·89	13·88	13·97	14·01	14·03	14·64	14·10
1932	14·22	14·24	14·15	14·42	14·10	13·88	13·98	14·00	13·82	13·99	14·34	14·33	14·12
1933	14·54	14·05	14·36	13·79	14·11	14·04	13·92	13·92	14·14	13·84	13·86	14·99	14·13
1934	14·56	14·40	14·24	14·00	14·16	13·90	13·91	13·87	13·89	14·09	14·67	14·34	14·17
1935	14·76	14·42	14·46	14·03	13·76	13·87	14·03	13·96	14·00	13·98	13·86	14·45	14·13
1936	14·51	14·41	13·94	13·79	14·11	14·25	14·00	13·94	13·83	13·81	13·74	14·23	14·05

SAN FRANCISCO, CAL. The mean values increase upwards; the unit is 1 foot.

1897	..	..	..	..	..	..	..	8·46	8·55	8·47	8·30	8·20	..
1898	8·24	8·30	8·11	8·09	8·20	8·34	8·37	8·54	8·48	8·31	8·29	8·28	8·30
1899	8·37	8·09	8·22	8·28	8·21	8·47	8·59	8·48	8·55	8·66	8·73	8·67	8·44
1900	8·70	8·46	8·53	8·24	8·31	8·47	8·56	8·58	8·56	8·57	8·52[i]	8·51	8·50
1901	8·74	8·76	8·44	8·07	8·31	8·31	8·44	8·56	8·58	8·48	8·50	8·35	8·46
1902	8·38	8·59	8·44	8·26	8·29	8·45	8·67	8·71	8·80	8·81	8·72	8·70	8·57
1903	8·68	8·51	8·71	8·37	8·32	8·36	8·45	8·69	8·67	8·60	8·48	8·49	8·53
1904	8·27	8·52	8·74	8·51	8·53	8·57	8·66	8·70	8·95	8·77	8·72	8·59	8·63
1905	8·75	9·05	8·84	8·60	8·47	8·39	8·61	8·63	8·64	8·60	8·74	8·46	8·65
1906	8·66	8·84	8·89	8·51	8·41	8·45	8·64	8·77	8·60	8·41	8·26	8·55	8·58
1907	8·76	8·68	8·94	8·63	8·49	8·59	8·71	8·79	8·69	8·72	8·43	8·48	8·66
1908	8·67	8·48	8·34	8·31	8·12	8·29	8·57	8·58	8·61	8·43	8·39	8·37	8·43
1909	8·95	8·79	8·44	8·30	8·32	8·42	8·48	8·53	8·63	8·52	8·26	8·69	8·53
1910	8·45	8·27	8·50	8·29	8·22	8·33	8·54	8·54	8·57	8·50	8·40	8·39	8·42
1911	8·63	8·70	8·76	8·45	8·36	8·54	8·64	8·54	8·69	8·83	8·57	8·63	8·61

i, the mean values have been obtained by interpolation or inference.

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UNITED STATES, PACIFIC COAST

TABLE B—*continued.*

SAN FRANCISCO, CAL.—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1912	8·71	8·27	8·64	8·31	8·39	8·56	8·60	8·52	8·57	8·57	8·51	8·28	8·49
1913	8·43	8·54	8·24	8·30	8·33	8·49	8·58	8·70	8·77	8·54	8·63	8·55	8·51
1914	9·04	8·85	8·76	8·62	8·65	8·58	8·70	8·85	8·83	8·90	8·79	9·16	8·81
1915	8·93	9·21	8·71	8·66	8·59	8·43	8·63	8·65	8·81	8·59	8·51	8·55	8·69
1916	9·02	8·71	8·57	8·37	8·26	8·32	8·56	8·54	8·57	8·56	8·33	8·47	8·52
1917	8·47	8·58	8·24	8·27	8·29	8·36	8·65	8·55	8·64	8·65	8·52	8·54	8·48
1918	8·39	8·47	8·65	8·50	8·51	8·76	8·72	8·85	8·99	8·90	8·92	8·74	8·70
1919	8·64	8·65	8·55	8·44	8·58	8·51	8·66	8·66	8·83	8·73	8·50	8·59	8·61
1920	8·61	8·57	8·42	8·23	8·41	8·53	8·48	8·70	8·61	8·61	8·59	8·69	8·54
1921	8·77	8·43	8·53	8·21	8·46	8·53	8·81	8·62	8·72	8·73	8·46	8·66	8·58
1922	8·39	8·74	8·31	8·09	8·39	8·69	8·75	8·63	8·71	8·68	8·48	8·71	8·55
1923	8·49	8·49	8·18	8·52	8·33	8·44	8·54	8·56	8·74	8·71	8·78	8·47	8·52
1924	8·50	8·42	8·34	8·31	8·27	8·46	8·55	8·47	8·60	8·48	8·30	8·38	8·42
1925	8·27	8·64	8·62	8·45	8·65	8·62	8·67	8·67	8·70	8·77	8·63	8·79	8·62
1926	8·82	8·85	8·75	8·66	8·36	8·54	8·55	8·62	8·54	8·60	8·79	8·53	8·63
1927	8·60	8·86	8·32	8·42	8·27	8·58	8·53	8·66	8·67	8·73	8·78	8·80	8·60
1928	8·57	8·68	8·55	8·47	8·42	8·53	8·63	8·74	8·63	8·59	8·51	8·63	8·58
1929	8·69	8·45	8·27	8·34	8·36	8·55	8·73	8·64	8·82	8·63	8·57	8·51	8·55
1930	8·80	8·71	8·77	8·53	8·47	8·59	8·70	8·78	8·91	8·85	8·82	8·75	8·72
1931	8·74	8·83	8·39	8·47	8·59	8·59	8·72	8·70	8·70	8·60	8·52	8·65	8·62
1932	8·57	8·74	8·42	8·54	8·67	8·64	8·76	8·88	9·03	8·73	8·56	8·56	8·68
1933	8·57	8·28	8·44	8·43	8·27	8·52	8·73	8·71	8·68	8·53	8·46	8·64	8·52
1934	8·54	8·71	8·59	8·46	8·55	8·61	8·65	8·70	8·85	8·63	8·68	8·64	8·634
1935	8·83	8·66	8·63	8·69	8·63	8·68	8·74	8·88	8·77	8·76	8·56	8·77	8·72 ·716
1936	8·60	8·99	8·62	8·40	8·61	8·62	8·73	8·85	8·89	8·84	8·72	8·74	8·72 ·718

LOS ANGELES, CAL. The mean values increase upwards; the unit is 1 foot.

1923	..	..	..	..	..	..	..	..	..	..	..	6·63	..
1924	6·41	6·40	6·36	6·14	6·26	6·30*i*	6·34	6·44	6·40	6·18	6·33	6·41	6·36 ·356
1925	6·31	6·06	6·33	6·08	6·30	6·18	6·59	6·59	6·59	6·82	6·64	6·78	6·464
1926	6·71	6·46	6·42	6·32	6·24	6·29	6·52	6·62	6·52	6·56	6·44	6·44	6·462
1927	6·28	6·28	6·06	6·14	6·21	6·44	6·49	6·53	6·59	6·61	6·55	6·56	6·40 ·395
1928	6·41	6·38	6·10	6·14	6·29	6·45	6·56	6·67	6·62	6·54	6·49	6·42	6·422
1929	6·44	6·20	6·08	6·19	6·32	6·46	6·74	6·75	6·82	6·67	6·58	6·41	6·471
1930	6·53	6·46	6·38	6·36	6·28	6·52	6·62	6·83	6·83	6·80	6·80	6·71	6·593
1931	6·51	6·67	6·36	6·39	6·36	6·44	6·78	6·72	6·70	6·60	6·51	6·33	6·531
1932	6·31	6·48	6·21	6·33	6·41	6·34	6·56	6·75	6·71	6·60	6·44	6·30	6·453
1933	6·33	6·11	6·17	6·16	6·02	6·23	6·45	6·48	6·49	6·29	6·31	6·24	6·273
1934	6·28	6·15	6·31	6·30	6·36	6·38	6·59	6·55	6·75	6·52	6·30	6·44	6·42 ·418
1935	6·30	6·33	6·18	6·17	6·18	6·44	6·46	6·69	6·60	6·57	6·42	6·51	6·404
1936	6·23	6·38	6·32	6·19	6·40	6·45	6·66	6·80	6·80	6·73	6·72	6·56	6·520

SAN DIEGO, CAL. The mean values increase upwards; the unit is 1 foot.

1906	6·46*i*	6·57	6·38	6·25	6·16	6·36	6·68	6·72	6·73	6·68	6·45	6·51	6·50 ·496
1907	6·46	6·48	6·29	6·35	6·38	6·46	6·79	6·80	6·76	6·80	6·62	6·49	6·56 ·557
1908	6·59	6·29	6·31	6·32	6·22	6·38	6·59	6·70	6·73	6·61	6·36	6·41	6·461
1909	6·34	6·20	6·23	6·23	6·22	6·43	6·56	6·52	6·57	6·54	6·40	6·56	6·400
1910	6·31	6·20	6·29	6·22	6·17	6·44	6·63	6·58	6·72	6·59	6·52	6·51	6·432
1911	6·44	6·40	6·38	6·31	6·44	6·49	6·73	6·83	6·90	7·01	6·89	6·78	6·633
1912	6·68	6·37	6·45	6·27	6·32	6·50	6·56	6·63	6·59	6·72	6·54	6·42	6·504
1913	6·38	6·53	6·21	6·29	6·24	6·46	6·67	6·66	6·77	6·75	6·72	6·59	6·522
1914	6·59	6·58	6·61	6·30	6·30	6·50	6·58	6·72	6·85	6·86	6·94	7·05	6·66 ·657
1915	6·79	6·64	6·55	6·48	6·34	6·59	6·66	6·82	6·84	6·65	6·62	6·53	6·63 ·626

i, the mean values have been obtained by interpolation or inference.

UNITED STATES, PACIFIC COAST

TABLE B—*continued.*

SAN DIEGO, CAL.—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1916	6·60	6·30	6·37	6·38	6·34	6·32	6·54	6·60	6·55	6·41	6·32	6·35	6·423
1917	6·33	6·25	6·22	6·19	6·25	6·56	6·69	6·59	6·67	6·62	6·40	6·49	6·44 ·438
1918	6·44	6·33	6·40	6·43	6·56	6·82	6·77	6·93	6·98*i*	7·03	6·92	6·64	6·69 ·684
1919	6·65	6·32	6·35	6·26	6·43	6·51*i*	6·66*i*	6·67*i*	6·81*i*	6·74*i*	6·71	6·46	6·550
1920	6·58	6·50	6·36	6·26	6·45	6·55	6·66	6·84	6·76	6·73	6·53	6·52	6·562
1921	6·46	6·27	6·30	6·19	6·35	6·51	6·86	6·65	6·72	6·76	6·53	6·67	6·522
1922	6·48	6·48	6·19	6·21	6·42	6·51	6·73	6·72	6·78	6·65	6·51	6·59	6·523
1923	6·54	6·45	6·38	6·40	6·49	6·53	6·68	6·75	6·80	6·95	6·90	6·80	6·64 ·639
1924	6·61	6·48	6·39	6·36	6·37	6·51	6·61	6·59	6·69	6·54	6·44	6·46	6·504
1925	6·39	6·29	6·42	6·21	6·48	6·63	6·78	6·77	6·80	6·88	6·83	6·99	6·622

LA JOLLA, CAL. The mean values increase upwards; the unit is 1 foot.

1924	..	..	..	..	..	..	..	..	..	..	6·44	6·49	..
1925	6·40	6·29	6·38	6·19	6·46	6·64	6·78	6·83	6·84	6·87	6·69	6·97	6·612
1926	6·97	6·67*i*	6·63*i*	6·53*i*	6·54	6·69	6·78	6·85	6·74	6·69	6·61	6·67	6·70 ·698
1927	6·49	6·42	6·31	6·32	6·31	6·60	6·69	6·78	6·87	6·88	6·83	6·81	6·61 ·609
1928	6·67	6·69	6·37	6·34	6·47	6·63	6·75	6·92	6·81	6·79	6·81	6·84	6·674
1929	6·82	6·59	6·51	6·60	6·63	6·62	6·86	6·84	6·91	6·80	6·71	6·59	6·71 ·709
1930	6·64	6·60	6·54	6·43	6·39	6·68	6·82	6·99	6·89	6·96	6·93	6·86	6·73 ·728
1931	6·73	6·86	6·58	6·61	6·52	6·63	6·96	6·92	6·96	6·80	6·73	6·53	6·74 ·736
1932	6·51*i*	6·68*i*	6·43	6·53*i*	6·61*i*	6·54*i*	6·76	6·91	6·92	6·82	6·70	6·58	6·67 ·666
1933	6·62	6·33	6·43	6·37	6·24	6·49	6·67	6·69	6·75	6·57	6·56	6·43	6·512
1934	6·46	6·34	6·49	6·50	6·53	6·57	6·77	6·74	6·94	6·54	6·63	6·72	6·602
1935	6·49	6·57	6·34	6·39	6·39	6·69	6·74	6·87	6·74	6·74	6·55	6·65	6·60 ·596
1936	6·43	6·50	6·53	6·29	6·50	6·55	6·80	6·90	6·98	6·84	6·86	6·70	6·66 ·656

i, the mean values have been obtained by interpolation or inference.

CANADA

§ 1. *Authorities.*

1. Hydrographic Service, Tidal and Current Division, Department of Mines and Resources, Ottawa.
2. Tidal and Current Survey, Departments of Naval Service and Marine and Fisheries, Ottawa, 1894–1924.
   - *a*. W. Bell Dawson: Tide levels and datum planes in Eastern Canada, 1917.
   - *b*. W. Bell Dawson: Tide levels and datum planes on the Pacific Coast of Canada, 1923.
3. Hydrographic Service, Tidal and Current Division, Ottawa, 1925–1936.
4. Liverpool Observatory and Tidal Institute.
5. Messrs E. Roberts & Sons, London.
6. Coast and Geodetic Survey, Washington, D.C.
   - *a*. R. A. Harris: Arctic Tides. 1911.

§ 2. *Apparatus.*

1. Recording gauge of type.
   - *a*. Richard.
   - *b*. Légé.
2. Staff.

§ 3. *Datums.*

All datums are local.

The individual bench-marks are described in Authorities 2*a*, 2*b*, 6*a*.

CANADA

TABLE A: STATIONS, AUTHORITIES AND CONDITIONS

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums, § 3		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
			§ 1	§ 1	§ 1	§ 2			p. 10		ft.		
East Coast													
St John, N.B.	45° 15′ N.	66° 04′ W.	4	2, 3	4, 5	1	..	..	1*a*, 1	..	−55·60	1920–1, 1923–4, 1926–7, 1930–4	1894–8, 1900–16, 1920, 1923, 1926, 1929–33
Halifax, N.S.	44 40 ,,	63 34 ,,	1, 4	2, 3	1, 4, 5	1	..	..	1*a*, 1		−16·08	1921–5, 1927–8, 1933, 1935–6	1851–2, 1860–1, 1895, 1897–1900, 1902–5, 1919–24, 1927, 1932, 1934–5
St Paul Island	47 12 ,,	60 09 ,,	4	2, 3	4, 5	1	..	..	1*a*, 1	..	−17·99	1921–6	1895, 1897, 1899–1900, 1902–6, 1908–22, 1924–6
Charlottetown, P.E.I.	46 13 ,,	63 08 ,,	4	2, 3	4, 5	1	..	..	1*a*, 1		−18·38	1934	1907–9, 1911–4, 1916–9, 1933
Point Peter, Que.	48 38 ,,	64 10 ,,	4	2, 3	4	1*b*	..	..	1*a*	..	−23·20	1924–5	..
Father Point, Que.	48 31 ,,	68 28 ,,	4	2	5	1	..	..	1	..	−24·72	..	1897–1900, 1904–7, 1909–20
Quebec	46 49 ,,	71 11 ,,	4	2, 3	3, 5	1	..	..	1	..	−22·58	1932	1894–1903, 1905–19, 1931
Portage Island	47 08 ,,	65 03 ,,	4	2	4	1*a*	..	..	1	..	−11·75	1917–9	..
S.W. Point, Anticosti	49 24 ,,	63 36 ,,	4	2	5	1	..	..	1	..	..	..	1894–7
Port Aux Basques, Newfoundland	47 34 ,,	59 07 ,,	4	3	4	1	..	..	1*a*	..	−15·00	1935–6	..
St John's, Newfoundland	47 34 ,,	52 42 ,,	4	3	4	1	..	..	1*a*	..	−24·955	1935–6	..
Forteau Bay, Lab.	51 27 ,,	56 53 ,,	4	2	5	1	..	..	1	..	−3·09	..	1898–1900, 1902–3
North Coast													
Cape Sheridan, Grant Land	82 27 ,,	61 21 ,,	6*a*	6	4	2	..	..	1*a*	..	−11·417	1908–9	..
West Coast													
Port Simpson, B.C.	54 34 ,,	130 26 ,,	4	2	3, 5	1	..	..	1	..	−18·02	..	1902, 1904–8, 1911–4, 1916, 1918–9
Prince Rupert, B.C.	54 19 ,,	130 20 ,,	4	2, 3	4, 5	1	..	..	1*a*, 1	..	−30·03	1933	1906–7, 1909–10, 1912–7
Wadhams, B.C.	51 24 ,,	127 38 ,,	4	2	5	1*a*	..	..	1	..	−16·41	..	1906–10
Caulfields, B.C.	49 19 ,,	123 15 ,,	4	2	5	1	..	..	1	..	..	1927, 1933	1913–20
Vancouver, B.C.	49 18 ,,	123 07 ,,	4	2, 3	4, 5	1	..	..	1*a*, 1	..	−26·45	1920–3, 1931, 1935	1902, 1905–9, 1911–22, 1930, 1934
Sand Heads, B.C.	49 07 ,,	123 17 ,,	4	2	5	1	..	..	1	..	−52·34	..	1895–6, 1898–9, 1901, 1903
Victoria, B.C.	48 26 ,,	123 23 ,,	4	2, 3	3, 4, 5	1	..	..	1*a*, 1	..	−15·40	1923–4, 1932, 1936	1895–6, 1903, 1909–32, 1934
Clayoquot, B.C.	49 09 ,,	125 55 ,,	4	2, 3	4, 5	1	..	..	1*a*, 1	..	−13·00 −12·16	1935	1905–6, 1908–19, 1934

CANADA, EAST COAST

TABLE B: Monthly and Annual Mean Heights of Sea-Level

ST JOHN, N.B. — The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1920	..	..	..	..	..	..	..	..	..	..	14·142	14·200	..
1921	14·017	13·973	13·854	14·106	14·290	14·052	13·970	13·765	13·921	14·020	..	..	..
1923	..	..	..	..	..	..	..	..	..	..	14·151	14·118	..
1924	13·861	13·928	13·982	14·000	14·381	14·241	13·955	13·932	13·807	13·856	..	..	..
1926	..	..	..	..	..	..	..	13·849	13·761	14·133	13·896	13·945	..
1927	13·729	13·808	13·719	13·953	14·116	14·101	13·854	..	..	..	..	..	..
1930	13·733	13·958	14·064	14·050	14·274	13·944	14·039	13·870	13·897	14·034	13·808	13·759	13·95
1931	13·925	13·720	14·000	14·157	14·097	14·220	14·131	14·225	14·231	14·431	13·948	13·746	14·07
1932	14·019	13·864	13·962	13·968	14·013	14·093	14·160	13·954	14·023	14·032	14·083	13·954	14·02
1933	14·219	14·024	14·025	14·117	14·416	14·386	14·116	14·066	14·048	14·006	14·173	13·972	14·12
1934	13·881	13·867	13·628	14·165	14·385	14·108	14·057	13·908	13·838	14·023	13·943	14·138	13·99

HALIFAX, N.S. — The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1921	..	..	..	..	..	..	..	..	..	..	..	3·763	..
1922	3·509	3·466	3·505	3·505	3·340	3·322	3·292	3·328	3·369	3·740	3·936	3·772	3·507
1923	3·812	3·607	3·532	3·558	3·437	3·660	3·447	3·490	3·596	3·629	3·730	3·679	3·598
1924	3·560	3·771	4·048	3·621	3·534	3·577	3·505	3·676	3·569	3·829	3·709	3·644	3·670
1925	3·675	3·323	3·183	3·480	3·469	3·489	3·413	3·523	3·632	3·858	..	..	..
1927	..	..	..	..	..	..	..	..	..	..	3·77	4·20	..
1928	3·67	3·50	3·66	3·45	3·52	3·58	3·53	3·61	3·63	3·63	..	..	..
1933	3·961	3·798	3·872	3·611	3·723	3·773	3·602	3·634	3·678	3·716	3·917	3·884	3·764
1935	3·90	3·56	3·75	3·75	3·70	3·67	3·46	3·5882	3·6341	3·7008	3·9295	4·1384	3·73
1936	4·0230	3·8968	3·60	3·6350	3·5544	3·6203	3·7687	3·6015	3·6775	3·7326	3·7945	3·5536	3·70

ST PAUL ISLAND. — The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1921	..	..	..	..	..	2·465	2·132	2·204	2·349	2·477	2·499	2·534	..
1922	2·272	2·185	2·248	2·280	2·169	2·115	2·087	2·276	2·289	2·637	2·464	2·314	2·278
1923	2·238	2·355	2·369	2·244	2·189	..	..	..	..	..	2·52	2·52	..
1924	2·45	2·48	2·75	2·30	2·27	2·42	2·47	2·47	2·34	2·48	2·53	2·62	2·46
1925	2·31	2·10	2·07	2·21	2·23	2·33	2·30	2·37	2·42	2·53	2·53	2·62	2·34
1926	2·52	2·67	2·43	2·43	2·41	2·29	2·32	2·31	2·22	2·61	2·38	2·60	2·43

CHARLOTTETOWN, P.E.I. — The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1934	4·814	4·779	4·568	4·794	4·840	5·064	5·084	4·939	4·753	5·206	4·911	5·256	4·926

POINT PETER, QUE. — The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1924	..	..	..	..	..	..	..	..	..	2·579	2·534	2·573	..
1925	2·19	1·97	1·84	2·20	2·40	2·53	2·51	2·56	2·47	2·58	2·54	2·65	2·37

QUEBEC.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1932	8·26	8·39	8·48	9·22	8·56	8·79	8·44	8·33	8·47	8·49	8·49	7·78	8·46

PORTAGE ISLAND. — The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1917	..	..	..	..	..	..	..	..	2·292	2·064	..	..	..	..	..
1918	..	..	..	..	..	..	..	2·196	2·093	2·072	..	..	..	..	..
1919	..	..	..	..	..	..	..	2·449	2·422	2·337	2·207	..	..	..	..

CANADA, EAST COAST

TABLE B—*continued.*

PORT AUX BASQUES, NEWFOUNDLAND. — The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1935	..	..	..	..	..	..	..	3·94	3·9572	3·8098	3·9908	4·3683	..
1936	4·1538	4·0751	3·7349	3·9166	3·8495	3·9152	4·1791	3·9415	4·0266	3·9570	4·1125	3·8211	3·9736

ST JOHN'S, NEWFOUNDLAND. — The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1935	..	..	..	..	..	..	..	3·3135	3·5397	3·4296	3·4403	3·9895	..
1936	3·9344	3·7598	..	3·3447	3·2111	3·0955	3·2854	3·2852	3·6396	3·6081	3·6267	3·5362	..

CANADA, NORTH COAST

CAPE SHERIDAN, GRANT LAND. — The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1908	..	..	..	..	..	..	..	..	..	..	..	2·674	..
1909	2·445	2·584	1·954	2·283	2·186	(2·748)	..	..	..	..	..	..	..

CANADA, WEST COAST

PRINCE RUPERT, B.C. — The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1933	12·897	12·368	12·712	12·081	12·469	12·423	12·308	12·228	12·643	12·371	12·633	13·017	12·513

CAULFIELDS. — The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1927	8·0814	8·5790	8·4044	8·2374	8·3267	8·5033	8·3622	8·6231	8·7090	8·7046	8·8501	8·5546	8·5446
1933	8·8679	8·4418	8·7142	8·3893	8·6479	8·8457	8·7003	8·6261	8·8357	8·2321	8·1551	9·2696	8·6438

VANCOUVER, B.C. — The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1920	..	..	..	..	..	..	..	..	..	8·341	8·251	8·784	..
1921	8·677	8·171	8·103	7·763	7·855	8·146	7·966	7·988	8·057	8·308	8·290	7·990	8·110
1922	7·796	8·195	8·073	7·539	7·762	7·986	8·019	8·012	7·949	8·049	7·882	8·362	7·969
1923	8·444	7·705	7·524	7·989	7·901	8·113	8·086	8·063	8·041	..	..	..	..
1931	8·488	8·239	8·016	7·792	7·847	8·106	7·815	7·862	8·030	7·945	8·069	8·752	8·078
1935	(8·652)	8·374	8·465	7·928	7·731	7·998	8·097	8·054	8·079	8·069	7·889	8·430	(8·135)

VICTORIA, B.C. — The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1923	..	..	..	5·951	5·861	5·978	5·991	6·083	6·089	6·174	6·239	6·489	..
1924	6·253	6·414	5·718	..	..	..	..	..	..	..	..	..	..
1932	6·322	6·308	6·206	6·458	6·091	5·896	6·075	6·104	5·888	6·039	6·390	6·377	6·179
1936	6·399	6·239	5·808	5·648	5·940	6·026	5·833	5·826	5·753	5·725	5·654	6·182	5·928

CLAYOQUOT, B.C. — The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1935	8·118	7·735	7·652	7·157	6·713	6·901	6·969	6·861	7·049	7·076	7·029	7·627	7·238

( ), the enclosed mean values have been calculated from an incomplete series of observations.

CANADA

TABLE C: Annual Mean Heights of Sea-Level

The mean values increase upwards; the unit is 1 foot

	East Coast								West Coast							
Year	St John, N.B.	Halifax, N.S.	St Paul Island	Charlotte-town	Father Point	Quebec	S.W. Point, Anticosti	Forteau Bay	Port Simpson, B.C.	Prince Rupert, B.C.	Wadhams	Caulfields	Vancouver	Sand Heads	Victoria	Clayoquot
1851–52	..	4·643	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1852–53	..	4·628	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1860–61	..	3·829	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1861–62	..	4·391	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1894–95	13·955	..	..	..	..	8·655	3·474	..	..	..	..	..	..	..	..	..
1895–96	13·947	3·391	2·538	..	..	8·493	3·354	..	..	..	..	..	..	8·458	6·328	..
1896–97	13·972	..	..	..	..	8·491	3·375	..	..	..	..	..	..	8·416	6·376	..
1897–98	14·056	3·515	2·436	..	7·541	8·648	3·426	..	..	..	..	..	..	..	..	..
1898–99	14·092	3·510	..	..	7·568	8·563	..	2·662	..	..	..	..	..	8·474	..	..
1899–1900	..	3·488	2·343	..	7·630	8·540	..	2·761	..	..	..	..	..	8·561	..	..
1900–01	14·120	3·544	2·339	..	7·774	8·581	..	2·860	..	..	..	..	..	..	..	..
1901–02	14·116	..	..	..	..	8·690	..	..	..	..	..	..	..	8·425	..	..
1902–03	14·130	3·559	2·260	..	..	8·742	..	2·873	12·657	..	..	..	8·083	..	..	..
1903–04	13·924	3·513	2·311	..	..	8·643	..	2·815	..	..	..	..	..	8·555	6·143	..
1904–05	13·835	3·427	2·302	..	7·421	..	..	..	12·583	..	..	..	..	..	..	..
1905–06	13·852	3·429	2·231	..	7·433	8·517	..	..	12·655	..	..	..	8·045	..	..	7·307
1906–07	13·915	..	2·282		7·432	8·444	..	..	12·527	12·529	8·769	..	8·080	..	..	7·344
1907–08	14·032	..	..	4·817	7·484	8·749	..	..	12·449	12·516	8·652	..	8·016	..	..	..
1908–09	14·081	..	2·387	4·968	..	8·653	..	..	12·402	..	8·553	..	8·048	..	..	7·211
1909–10	14·151	..	2·431	4·989	7·734	8·870	..	..	..	12·469	8·811	..	7·977	..	6·023	7·331
1910–11	13·981	..	2·468	..	7·588	8·523	..	..	..	12·434	8·937	..	..	..	6·028	7·317
1911–12	14·045	..	2·371	4·832	7·462	8·172	..	..	12·492	..	..	..	7·990	..	6·086	7·191
1912–13	13·981	..	2·424	4·960	7·613	8·630	..	..	12·643	12·451	..	..	8·034	..	6·005	7·304
1913–14	13·919	..	2·411	4·903	7·505	8·425	..	..	12·828	12·767	..	8·877	8·046	..	6·174	7·442
1914–15	13·960	..	2·312	4·854	7·478	8·150	..	..	12·827	12·771	..	8·717	8·203	..	6·304	7·519
1915–16	14·037	..	2·389	..	7·512	8·341	..	..	..	12·536	..	8·483	8·152	..	6·172	7·289
1916–17	14·141	..	2·348	4·887	7·557	8·466	..	..	12·324	12·305	..	8·692	7·848	..	5·893	6·965
1917–18	..	..	2·310	4·954	7·407	8·582	..	..	..	12·419	..	8·777	8·053	..	5·990	7·198
1918–19	..	..	2·263	4·901	7·496	8·707	..	..	12·647	..	..	8·481	8·156	..	6·249	7·179
1919–20	..	3·594	2·391	4·966	7·430	8·580	..	..	12·334	..	..	8·716	7·890	..	5·904	6·973
1920–21	14·027	3·535	2·375	..	7·416	..	..	..	..	..	..	8·608	8·175	..	6·156	..
1921–22	..	3·505	2·316	..	..	..	..	..	..	..	..	..	7·997	..	6·038	..
1922–23	..	3·613	2·297	..	..	..	..	..	..	..	..	..	8·013	..	5·989	..
1923–24	14·020	3·674	..	..	..	..	..	..	..	..	..	..	..	..	6·101	..
1924–25	..	3·536	2·4563	..	..	..	..	..	..	..	..	..	..	..	6·084	..
1925–26	..	..	2·3373	..	..	..	..	..	..	..	..	..	..	..	6·173	..
1926–27	13·908	..	2·6021	..	..	..	..	..	..	..	..	..	..	..	6·152	..
1927–28	..	3·645	..	..	..	..	..	..	..	..	..	..	..	..	6·140	..
1928–29	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5·964	..
1929–30	13·951	..	..	..	..	..	..	..	..	..	..	..	..	..	5·978	..
1930–31	14·070	..	..	..	..	..	..	..	..	..	..	..	8·068	..	6·212	..
1931–32	14·020	..	..	..	..	8·463	..	..	..	..	..	..	..	..	6·158	..
1932–33	14·124	3·777	..	..	..	..	..	..	..	..	..	..	..	..	6·187	..
1933–34	13·988	..	..	4·916	..	..	..	..	..	..	..	..	..	..	..	..
1934–35	..	3·734	..	..	..	..	..	..	..	..	..	..	8·124	..	5·911	7·237
1935–36	..	3·701	..	..	..	..	..	..	..	..	..	..	..	..	..	..

CANAL ZONE, PANAMA

§ 1. *Authorities.*

1. Panama Canal Hydrographic Office.

§ 2. *Apparatus.*

1. Friez Water-stage Register.

§ 3. *Datums.*

The standard surface is the *Precise level datum of the Canal Zone.*

The bench-marks are as follows:—

Balboa. Brass plate set in wall of Pier 17.

Cristobal. Brass plug in floor of gauge-room, Pier 8–9.

CANAL ZONE, PANAMA

TABLE A: Stations, Authorities and Conditions

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums, § 3		Periods	
						Height Ratio	Time Scale			Levelling System	Bench Marks	Table B	Table C
			§ 1	§ 1	§ 1	§ 2				ft.			
Balboa	8° 58′ N.	79° 34′ W.	1	1	1	1	..	..	..	+·036	..	1909–33	..
Cristobal	9 21 „	79 55 „	1	1	1	1	..	..	..	−·138	..	1909–33	..

CANAL ZONE, PANAMA

TABLE B: Monthly and Annual Mean Heights of Sea-Level

BALBOA. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1909	·389	·216	·121	·471	·802	·819	·809	·884	·985	1·018	·967	·769	·688
1910	·407	·042	-·011	·222	·698	·880	·917	·723	·816	·912	·870	·701	·598
1911	·437	·278	·102	·669	1·015	1·127	·893	·955	1·081	1·209	1·254	1·186	·850
1912	·276	-·044	·046	·005	·597	·677	·804	·850	·894	1·054	·912	1·077	·596
1913	·702	·172	·212	-·050	·546	·889	1·063	·985	1·143	1·222	1·219	·859	·747
1914	·661	·202	·030	·201	·907	·824	·788	·793	·846	1·066	1·438	1·469	·769
1915	·698	·378	·446	·497	1·047	·904	·904	·815	·799	1·157	1·031	·837	·793
1916	·632	·050	·093	·498	·702	·817	·942	·929	·866	·940	·887	·752	·676
1917	·145	-·242	·291	·297	·883	1·028	·812	·799	·962	·707	·643	·437	·564
1918	·332	·017	·128	·743	1·165	1·168	·992	·964	1·106	1·130	1·110	1·000	·821
1919	·352	·106	·014	·222	·688	·817	·833	·928	·994	1·054	·904	·915	·652
1920	·448	-·052	-·019	·449	·777	·929	·981	·940	1·103	1·123	1·117	1·071	·739
1921	·329	·456	·132	·341	·694	1·198	1·058	1·024	1·170	1·176	1·001	·892	·789
1922	·469	·436	·321	·363	·950	1·066	·930	·787	·958	1·139	1·117	·943	·790
1923	·403	·061	·014	·487	1·098	1·115	·949	·982	·944	1·134	·988	1·038	·768
1924	·404	·119	·090	·153	·679	·858	·802	·847	·927	1·001	1·037	·843	·647
1925	·528	·023	·227	·406	·874	1·063	1·106	·953	1·106	1·082	1·184	1·402	·830
1926	·514	·109	·005	-·012	·463	·649	·779	·819	·858	1·090	·847	·872	·582
1927	·434	·144	-·016	·432	·881	1·127	·978	·934	1·027	1·220	1·050	1·047	·772
1928	·610	·320	·359	·329	·600	1·062	1·030	·965	1·086	·979	1·161	1·075	·798
1929	·519	·196	·202	·484	·857	1·117	1·076	·960	1·105	1·261	1·141	·793	·809
1930	·551	·171	·365	·520	·898	·948	1·164	1·082	1·220	1·409	1·194	·939	·872
1931	·280	·301	·142	·184	·763	·945	1·067	·994	1·030	1·017	·941	·951	·718
1932	·530	·322	·439	1·022	·935	1·090	·903	1·041	1·120	1·194	1·044	·824	·872
1933	·402	·111	·090	·408	·856	1·021	1·036	·954	1·069	1·074	1·044	·866	·744

CRISTOBAL. The mean values increase upwards; the unit is 1 foot.

1909	·319	·284	·154	·203	·031	·034	·074	·183	·330	·370	·503	·240	·227
1910	·307	·154	·131	·204	·078	·014	·163	·099	·155	·244	·311	·308	·181
1911	·089	·240	·179	·121	·065	·162	·201	·162	·183	·212	·224	·111	·162
1912	·096	·168	·034	-·076	·113	·159	·155	·295	·256	·232	·264	·202	·166
1913	·169	·028	·061	·149	·230	·195	·148	·258	·330	·317	·460	·091	·202
1914	·096	·109	-·018	·057	·249	·263	·292	·291	·481	·441	·328	·328	·243
1915	·404	·378	·372	·363	·282	·248	·287	·268	·388	·376	·345	·327	·337
1916	·265	·251	·202	·190	·150	·199	·108	·150	·159	·265	·304	·100	·195
1917	-·090	-·054	·081	-·086	·032	·101	·134	·103	·108	·218	·384	·139	·089
1918	·113	·074	-·003	·086	·244	·151	·233	·349	·262	·302	·285	·270	·197
1919	·254	·054	·150	·269	·220	·205	·220	·284	·257	·417	·386	·342	·255
1920	·255	·256	·196	-·014	·017	·239	·393	·359	·216	·351	·369	·408	·254
1921	·350	·348	·263	·193	·321	·401	·372	·290	·343	·336	·446	·493	·346
1922	·457	·383	·252	·336	·268	·143	·021	·259	·316	·259	·422	·252	·281
1923	·155	·021	·012	·065	-·003	·009	·204	·171	·171	·375	·358	·105	·137
1924	·138	·122	-·022	-·024	·115	·083	·046	·006	·140	·210	·167	-·009	·081
1925	-·028	·066	-·133	-·087	·019	·045	·101	·195	·291	·347	·375	·261	·121
1926	·180	·115	-·005	·118	·164	·283	·153	·286	·386	·476	·488	·243	·241
1927	·486	·170	·277	·224	·144	·183	·250	·318	·166	·228	·408	·254	·259
1928	·336	·135	·084	-·068	·154	·203	·199	·139	·162	·288	·228	·308	·181
1929	·208	·024	-·030	·194	·119	·155	·344	·361	·314	·288	·324	·240	·212
1930	·297	·198	·079	·229	·100	·036	·337	·299	·417	·234	·428	·291	·245
1931	·252	·136	·292	·414	·134	·146	·093	·191	·180	·355	·364	·138	·225
1932	·080	·003	·022	·020	·081	·047	·181	·113	·227	·172	·382	·249	·131
1933	·105	-·017	·127	·058	-·057	·016	·034	-·002	·085	·114	·289	·072	·069

HAWAII

§ 1. *Authorities.*

1. Coast and Geodetic Survey, Washington, D.C.

a. Spec. Pub. 139.

§ 2. *Apparatus.*

1. Recording gauge described in Authority 1*a*.

§ 3. *Datums.*

The mean values of Table B are referred to an arbitrary datum adopted at the beginning of the present series of observations. The datum is defined by its relation to a selected local bench-mark, a description of which may be obtained from the U.S. Coast and Geodetic Survey.

HAWAII

TABLE A: Stations, Authorities and Conditions

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums, § 3		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
Honolulu	21° 18′ N.	157° 52′ W.	§ 1 1	§ 1 1	§ 1 1	§ 2 1	..	..	..	..	ft. −20·82	1905–36	..

HAWAII

TABLE B: Monthly and Annual Mean Heights of Sea-Level

HONOLULU. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1905	4·20	4·17	4·19	4·07	4·14	4·03	4·07	4·20	4·34	4·24	4·08	3·92	4·14
1906	4·09	4·10	4·08	4·12	4·24	4·13	4·22	4·34	4·54	4·46	4·48	4·40	4·27
1907	4·35	4·13	4·11	3·95	4·26	4·37	4·43	4·51	4·48	4·44	4·28	4·20	4·29
1908	4·16	4·20	4·30	4·14	4·30	4·34	4·27	4·32	4·33	4·32	4·12	4·01	4·23
1909	3·95	3·91	4·03	4·05	3·80	3·80	4·02	3·98	4·01	4·00	3·87	3·95	3·95
1910	3·71	3·85	3·78	3·98	3·91	3·89	4·11	4·29	4·54	4·62	4·42	4·15	4·10
1911	4·13	4·02	4·04	3·92	3·73	3·83	4·10	4·14	4·11	4·21	4·13	4·09	4·04
1912	4·06	4·13	3·91	3·96	4·06	4·20	4·15	4·10	4·22	4·25	4·32	4·30	4·14
1913	4·11	4·15	4·28	4·10	4·25	4·30	4·30	4·20	4·27	4·33	4·29	4·22	4·23
1914	4·23	4·20	4·28	4·38	4·46	4·46	4·55	4·55	4·49	4·36	4·41	4·51	4·41
1915	4·27	4·36	4·42	4·36	4·25	4·48	4·78	4·83	4·84	4·59	4·38	4·52	4·51
1916	4·54	4·46	4·31	4·23	4·24	4·24	4·22	4·19	4·56	4·60	4·31	4·33	4·35
1917	4·28	4·32	4·20	3·71	4·04	4·25	4·38	4·38	4·36	4·58	4·48	4·46	4·29
1918	4·37	4·25	3·99	4·05	4·03	3·94	3·99	4·15	4·24	4·34	4·20	4·16	4·14
1919	4·14	4·10	4·23	4·32	4·26	4·27	4·33	4·47	4·77	4·73	4·59	4·57	4·40
1920	4·62	4·56	4·59	4·57	4·61	4·74	4·94	4·91	4·72	4·63	4·40	4·43	4·64
1921	4·40	4·58	4·61	4·51*i*	4·49*i*	4·48*i*	4·44	4·50	4·62	4·46	4·42	4·39	4·49
1922	4·33	4·32	4·23	4·15	4·28	4·34	4·36	4·48	4·59	4·44	4·49	4·34	4·36
1923	4·29	4·18	4·32	4·21	4·19	4·19	4·30	4·46	4·49	4·49	4·39	4·39	4·32
1924	4·29	4·18	4·10	4·19	4·20	4·26	4·22	4·27	4·31	4·27	4·34	4·36	4·25
1925	4·30	4·30	4·26	4·26	4·35	4·37	4·49	4·58	4·47	4·61	4·45	4·44	4·41
1926	4·29	4·29	4·31	4·36	4·39	4·47	4·39	4·42	4·48	4·33	4·23	4·37	4·36
1927	4·15	4·12	4·09	4·10	4·07	4·11	4·35	4·54	4·58	4·33	4·40	4·34	4·26
1928	4·22	4·29	4·40	4·43	4·31	4·11	4·04	4·11	4·24	4·14	4·09	4·02	4·20
1929	4·24	4·17	4·00	3·94	4·06	4·19	4·33	4·38	4·39	4·45	4·42	4·41	4·25
1930	4·36	4·22	4·17	4·03	4·20	4·34	4·54	4·48	4·70	4·54	4·47	4·28	4·36
1931	4·39	4·27	4·41	4·35	4·38	4·33	4·38	4·38	4·41	4·59	4·54	4·40	4·40
1932	4·18	4·15	4·33	4·22	4·26	4·32	4·32	4·50	4·59	4·59	4·65	4·53	4·39
1933	4·28	4·24	4·24	4·38	4·36	4·30	4·31	4·30	4·40	4·47	4·42	4·41	4·34
1934	4·36	4·20	4·25	4·22	4·12	4·09	4·08	4·17	4·40	4·37	4·35	4·14	4·23
1935	4·22	4·17	4·28	4·48	4·42	4·30	4·28	4·55	4·62	4·66	4·52	4·41	4·41
1936	4·40	4·46	4·23	4·41	4·38	4·30	4·36	4·56	4·54	4·47	4·54	4·47	4·43

i, the mean values have been obtained by interpolation or inference.

NEW ZEALAND

§ 1. *Authorities.*

1. Department of Lands and Survey, Wellington.
   a. Records I (1925)–V (1928).
2. Harbour Authorities.
3. Mr T. Wright.
   a. Harmonic constants for certain Chinese and New Zealand ports. Proc. Royal Soc. (A), vol. 83, pp. 127–130. (London, 1909.)

§ 2. *Apparatus.*

1. Recording gauge of local construction.

§ 3. *Datums.*

The datums are local.

NEW ZEALAND

TABLE A: Stations, Authorities and Conditions

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations: Height Ratio	Apparatus for Observations: Time Scale	Methods of Reduction	Datums, § 3: Levelling System	Datums, § 3: Bench Marks	Periods: Table B	Periods: Table C
			§ 1	§ 1	§ 1	§ 2	1:	ft./hr.	p. 10			
Auckland	36° 51′ S.	174° 49′ E.	1*a*	2	1	1	12	·04	1	..	..	1917–9, 1921–3	1909, 1917–19, 1921–3
			3*a*	..	3	..	..	..	5	..	..	..	1900–1
Wellington	41 17 ,,	174 48 ,,	1*a*	2	1	1	6	·02	1	..	..	1918–9, 1921–4, 1927, 1930	1909, 1915, 1919
			3*a*	..	3	..	..	..	5	..	..	..	1901
Port Lyttelton	43 36 ,,	172 51 ,,	1*a*	2	1	1	12	·02	1	..	..	1923–7	1914, 1918–9
			3*a*	2	3	1	..	..	1	..	..	..	1901–2
Port Chalmers	45 49 ,,	170 39 ,,	3*a*	2	3	1	..	..	1	..	..	..	1901
Dunedin	45 53 ,,	170 33 ,,	1*a*	2	1	1	12	·02	1	..	..	1923–7	1912, 1914–5, 1918
Bluff	46 35 ,,	168 22 ,,	1*a*	2	1	1	12	·065	1	..	..	1917–22	..
Westport	41 46 ,,	171 37 ,,	1*a*	2	1	1	8	·04	1	..	..	..	1918–22
New Plymouth	39 03 ,,	174 02 ,,	1*a*	2	1	1	20	·02	1	..	..	..	1918–21

TABLE B: Monthly and Annual Mean Heights of Sea-Level

AUCKLAND. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1917	..	..	..	..	..	..	..	..	6·03	5·97	6·16	6·37	..
1918	6·28	6·62	6·62	6·45	6·44	6·48	6·20	5·95	5·90	6·17	6·02	6·08	..
1919	6·02	5·93	6·25	6·15	6·24	6·46	6·06	6·17	..	..	..	..	..
1921	6·30	6·33	6·22	6·24	6·24	6·10	6·20	5·96	5·87	6·13	6·09	6·18	6·15
1922	6·53	6·47	6·46	6·34	6·49	6·45	6·48	6·18	6·14	6·00	6·10	6·28	6·33
1923	6·39	6·18	6·20	6·21	6·47	6·44	6·27	6·18	6·24	6·15	5·94	6·00	6·22

WELLINGTON. The mean values increase upwards; the unit is 1 foot.

1918	..	..	..	..	..	..	..	..	2·93	3·21	3·19	3·11	..
1919	3·19	2·83	3·20	3·18	3·03	3·28	2·85	2·98	..	..	..	..	..
1921	2·91	2·92	3·04	2·95	2·98	2·88	3·02	2·76	2·60	2·79	2·84	2·85	2·88
1922	2·84	2·85	3·39	3·04	2·89	2·93	2·98	3·05	2·81	3·00	3·12	3·22	3·01
1923	3·16	3·20	3·07	2·82	3·35	3·32	2·88	2·90	2·98	2·91	2·79	3·00	3·03
1924	3·15	3·10	3·03	3·01	2·84	2·84	2·72	2·80	2·91	3·24	2·87	3·13	2·97
1927	2·82	2·94	3·04	3·03	3·03	2·90	3·03	3·04	2·67	2·73	2·83	2·67	2·89
1930	2·91	2·61	2·74	2·75	2·85	2·86	2·75	2·73	2·93	2·82	2·80	2·70	2·79

TABLE B—*continued.*

PORT LYTTELTON. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1923	3·02	3·29	3·09	2·78	3·30	3·27	2·58	2·78	2·87	2·87	2·83	3·10	2·98
1924	3·31	3·41	3·22	3·52	3·36	3·48	3·26	3·21	3·08	3·35	3·01	3·18	3·28
1925	3·12	3·33	3·22	3·16	2·96	3·16	3·17	3·13	3·16	2·80	3·16	3·16	3·13
1926	3·15	3·23	3·10	3·17	3·28	2·87	3·00	2·84	2·77	2·77	2·84	2·78	2·98
1927	2·94	3·19	3·26	3·22	3·02	2·75	2·83	2·86	2·65	2·83	2·78	2·75	2·92

DUNEDIN. The mean values increase upwards; the unit is 1 foot.

1923	3·23	3·41	3·35	2·81	3·45	3·31	2·88	3·08	3·14	3·05	3·11	3·21	3·17
1924	3·42	3·29	3·10	3·54	3·53	3·49	3·37	3·35	3·60	3·85	3·55	3·51	3·47
1925	3·40	3·70	3·51	3·44	3·19	3·23	3·37	3·25	3·36	3·12	3·22	3·33	3·34
1926	3·38	3·28	3·20	3·39	3·35	3·23	3·54	3·39	3·17	3·29	3·37	3·15	3·31
1927	3·25	3·32	3·41	3·40	3·39	3·05	3·24	3·17	2·98	3·13	3·03	2·92	3·19

BLUFF. The mean values increase upwards; the unit is 1 foot.

1917	..	..	..	..	..	..	..	..	5·34	5·52	5·36	5·59	..
1918	5·29	5·48	5·45	5·56	5·45	5·37	5·17	5·00	5·38	5·31	5·32	5·40	..
1919	4·96	5·42	5·47	5·21	5·51	5·15	5·21	5·37	..	5·29	5·03	5·02	..
1920	4·89	5·34	5·39	5·33	5·25	5·03	5·19	5·17	5·02	..	..	..	..
1921	5·25	5·15	5·45	5·25	5·23	5·31	5·27	5·09	4·95	5·06	5·16	5·28	5·20
1922	5·09	5·12	5·52	5·50	5·09	5·09	5·21	5·32	5·03	5·52	5·40	5·39	5·27

TABLE C: Annual Mean Heights of Sea-Level

Year	Auckland	Wellington	Port Lyttelton	Port Chalmers	Dunedin	Westport	New Plymouth
	ft.	ft.	ft.	ft.	ft.	ft.	ft.
1900–1	6·371	..	..	..	..	..	..
1901	..	2·742	..	3·248	..	..	..
1901–2	..	..	2·945	..	..	..	..
1909	6·24	2·931	..	..	..	..	..
1910	..	..	..	..	..	..	..
1911	..	..	..	..	..	..	..
1912	..	..	..	..	3·226	..	..
1913	..	..	..	..	..	..	..
1914	..	..	2·990	..	3·137	..	..
1915	..	2·813	..	..	3·259	..	..
1916	..	..	..	..	..	..	..
1917	6·33	..	..	..	..	..	..
1918	6·30	..	3·214	..	3·276	4·957	5·50
1919	6·13	3·082	2·969	..	..	4·715	5·26
1920	..	..	..	..	..	4·671	5·27
1921	..	..	..	..	..	4·711	5·30
1922	..	..	..	..	..	4·794	..

AUSTRALIA

§ 1. *Authorities.*

1. Department of Harbours and Marine, Queensland, Brisbane.
2. Public Works Department, New South Wales, Sydney.
3. Harbour Trust Commissioners, Sydney.
4. Department of Ports and Harbours, Victoria, Melbourne.
5. South Australian Harbours Board.
6. Harbour Authorities.
7. The Observatory, Melbourne.
8. Government Astronomer, West Australia.
9. Hydrographic Department of Admiralty, London.
10. Liverpool Observatory and Tidal Institute.
11. M. Spender: Tidal Observation on the Great Barrier Reef Expedition, 1928–9. Geogr. Journ., vol. 79, pp. 201–209. (1932.)
12. Messrs R. W. Chapman and A. Inglis.
    a. The Tides of Port Adelaide. Australasian Assoc. Report 5, pp. 277–279. (Sydney, 1894.)
13. G. H. Darwin: Second series of results of the harmonic analysis of tidal observations. Proc. Royal Soc. (A), vol. 45, pp. 556–611. (London, 1889.)
14. Mr T. Wright.
    a. Harmonic tidal constants for certain Australian and Chinese ports. Proc. Royal Soc. (A), vol. 71, pp. 91–96. (London, 1902.)
15. Mr F. J. Selby.
    a. Analysis of tidal records for Brisbane for the year 1908. Proc. Royal Soc., vol. 86, pp. 64–66. (London, 1911.)
16. Mr H. B. Curlewis.
    a. The tides, with special reference to those of Fremantle and Port Hedland. Journ. Roy. Soc. Western Australia, vol. 1. (1914–15.) (Perth, 1916.)
    b. Tide Tables of Port Hedland, 1917. (Perth, W.A., 1916.)

AUSTRALIA

§ 2. *Apparatus.*

1. Recording gauge of type:
   - *a.* Bailey.
   - *b.* Harrison and Sons.
   - *c.* Kelvin.
   - *d.* Munro.
   - *e.* U.S. Coast and Geodetic Survey; Portable, one revolution of drum in 48 hours.
   - *f.* Adams, described in Authority 16*a*.
2. Eye observations of high and low waters.

§ 3. *Datums.*

All datums are local.

The bench-marks and other local datums are as follows:—

Thursday Island. The zero of the Harbour Master's tide-pole on the east pier.

Low Isles, Barrier Reef. The Lighthouse step, which is 17·17 feet above Chart Datum.

Brisbane. A plug on the sill of the Port office window.

Ballina, N.S.W. A bolt in Capsill N.W. cor. of Crane Wharf.

Yamba, N.S.W. A brass bolt in concrete Stn. 3 Yamba.

Newcastle, N.S.W. B.M. No. 1. A brass plug in the masonry wall of the Customs House.

Sydney, N.S.W. Zero of gauge at Fort Denison.

Williamstown, Vict. The sill of the Lighthouse, near the shore end of Breakwater Pier.

Port Phillip Heads, Vict. The door sill of Point Lonsdale Lighthouse.

Port Adelaide, S.A. B.M. in the dockyard at Glanville.

Port Hedland, W.A. Surface of Flat Rock, ¼ mile west of Hunt Point.

Albany, W.A. Surface level of Bramble Rock.

AUSTRALIA

TABLE A: Stations, Authorities and Conditions

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations: Height Ratio	Apparatus for Observations: Time Scale	Methods of Reduction	Datums, § 3: Levelling System	Datums, § 3: Bench Marks	Periods: Table B	Periods: Table C
			§ 1	§ 1	§ 1	§ 2	ft./hr.	p. 10		ft.		
Thursday Island	10° 35′ S.	142° 13′ E.	10	9	10	1	..	1*a*	..	– 1·0	1924–5	..
Low Isles, Barrier Reef	16 23 ,,	145 34 ,,	11, 10	11	10	1*e*	..	..	..	–18·33	1929 II–VII	..
Brisbane	27 19 ,,	153 10 ,,	14*a*	9	14	2	..	5	..	..	..	1865–6
			1, 15*a*	1	15	1	7·3	1	..	–21·125	..	1896, 1908
Ballina, N.S.W.	28 52 ,,	153 37 ,,	14*a*	9	14	1	..	1	..	..	..	1898
			2	2	2	1	..	5	..	– 9·82	1928–36	..
Yamba, N.S.W.	29 36 ,,	153 21 ,,	2	2	2	1	..	5	..	–10·56	1928–36	..
Newcastle, N.S.W.	32 55 ,,	151 48 ,,	14*a*	9	14	1	..	1	..	–14·00	..	1900
			2	2	2	1	..	5	..		1928–36	..
Sydney, N.S.W.	33 51 ,,	151 14 ,,	13	..	..	..	..	..	..	..	..	1873–85
			14*a*	9	14	2	..	5	..	..	..	1888
			3	3	3	1*b*	..	5	..	–31·465	1897–1927	..
			10	3	10	1*b*	..	1*a*	..	..	1934	..
Williamstown, Vict.	37 52 ,,	144 55 ,,	7	7	7	1*d*	..	5	..	–10·0	1928–36	..
Port Phillip Heads, Vict.	38 18 ,,	144 37 ,,	10	4, 9	4, 10	1*c*	·083	5, 1*a*	..	–45·21	1927–9, 1931	..
Beachport, S.A.	37 30 ,,	140 00 ,,	5	5	10	1*c*	12	·0065	..	..	1927–30	..
Port Adelaide, S.A.	34 51 ,,	138 30 ,,	12*a*	5	12	2	..	..	5	..	–12·73	1882–91	..
			10	5	10	1	36	·062	..	..		1933, 1936	..
Kingscote, S.A.	35 40 ,,	137 38 ,,	5	5	10	1	12	·062	..	..	..	1922–24	..
Port Wallaroo, S.A.	33 56 ,,	137 38 ,,	5	5	10	1	12	·083	..	..	..	1936	..
Port Pyrie, S.A.	33 09 ,,	138 01 ,,	5	5	10	1	12	·083	..	..	..	1935–6	..
Franklyn Harbour, S.A.	33 41 ,,	136 56 ,,	5	5	10	1	12	·0065	..	..	..	1935–6	..
Port Lincoln, S.A.	34 49 ,,	135 52 ,,	5	5	10	1	12	·083	..	..	..	1923–4	..
Thevenard, S.A.	32 09 ,,	133 39 ,,	5	5	10	1	12	·062	..	..	..	1936	..
Albany, W.A.	35 02 ,,	117 54 ,,	14*a*	9	14	1	..	..	1	..	– 2·00	..	1876–7
			10		10	1	..	..	1*a*	..		1923–4	..
Fremantle, W.A.	32 03 ,,	115 44 ,,	16*a*, 8	6	8	1*a*	12	·006	1	..	..	1913–4	1908–12
Port Hedland, W.A.	20 18 ,,	118 35 ,,	16*b*, 8	6	8	1*f*	..	·045	5, 1*a*	..	..	1913	..
			10	6	10, 8	1*f*	..		..	..	..	1927	..
			10	6	10, 8	1*f*	..		5, 1*a*	..	..	1932–3	

TABLE B: Monthly and Annual Mean Heights of Sea-Level

THURSDAY ISLAND. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1924	..	..	..	..	..	..	..	5·226	5·333	5·512	5·748	6·003	..
1925	5·858	6·144	6·104	6·027	5·430	5·271	5·110	..	..	..	..	..	..

LOW ISLES, BARRIER REEF. The mean values increase upwards; the unit is 1 foot.

1929	..	5·98	6·16	6·22	5·99	5·69	5·61	..	..	..	..	..	..

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TABLE B—*continued.*

BALLINA, N.S.W. — The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1928	..	2·79	2·18	2·72	2·92	2·37	2·63	2·24	2·37	2·27	..	2·11	(2·46)
1929	2·75	1·87	1·24	2·92	2·58	2·66	2·66	2·08	1·88	2·24	2·16	2·20	2·26
1930	2·39	2·15	2·46	2·70	2·73	2·56	2·68	2·53	2·32	2·06	2·11	1·94	2·39
1931	2·45	2·75	2·25	2·75	2·61	2·46	2·28	1·92	2·45	2·34	2·37	..	(2·42)
1932	..	..	1·92	2·24	2·50	2·33	2·21	1·81	2·00	1·80	1·86	2·04	(2·07)
1933	2·29	1·92	2·17	2·42	2·46	2·46	2·25	..	2·21	2·19	2·25	1·94	(2·23)
1934	2·23	2·30	2·52	2·67	3·00	2·46	1·71	2·42	2·17	..	2·42	..	(2·39)
1935	2·45	2·66	2·63	2·28	..	2·53	2·41	2·42	2·05	2·48	2·59	2·33	(2·44)
1936	2·36	2·23	2·89	2·63	2·63	2·54	2·14	2·55	2·42	2·26	2·28	2·34	2·44

YAMBA, N.S.W. — The mean values increase upwards; the unit is 1 foot.

1928	2·16	3·03	1·88	2·56	..	2·66	2·34	1·87	..	1·98	1·97	1·87	(2·23)
1929	2·44	2·15	2·35	2·62	2·33	2·30	2·23	1·78	1·58	2·02	..	..	(2·18)
1930	..	..	2·19	2·49	2·37	..	..	2·21	1·82	1·56	1·75	1·50	(1·98)
1931	..	..	..	2·37	..	..	..	..	..	..	2·31	2·58	(2·42)
1932	2·18	2·50	..	..	..	..	..	..	2·78	2·46	2·54	..	(2·49)
1933	3·12	3·08	..	..	3·06	3·21	3·20	3·83	2·57	2·85	2·89	2·44	(3·03)
1934	2·85	3·12	3·31	3·33	3·39	..	..	..	2·73	..	..	..	(3·12)
1935	..	..	3·10	2·94	3·08	3·43	3·23	2·57	2·71	2·53	2·63	2·98	..
1936	2·44	2·30	3·13	3·06	3·13	3·08	2·93	..	..	..	..	..	..

NEWCASTLE, N.S.W. — The mean values increase upwards; the unit is 1 foot.

1928	2·87	2·96	2·87	3·12	3·21	3·46	3·16	2·75	2·96	2·87	2·75	2·75	2·98
1929	2·87	2·79	3·00	3·12	3·04	2·96	2·87	2·67	2·58	2·79	2·83	3·04	2·88
1930	2·79	2·60	2·69	2·87	2·79	3·12	3·15	2·87	2·92	2·71	2·87	2·83	2·85
1931	3·00	2·81	2·81	3·12	3·21	3·10	3·37	2·96	3·00	2·79	2·75	2·89	2·98
1932	2·87	2·96	2·89	3·00	2·77	3·04	2·79	2·50	2·58	2·56	2·54	2·79	2·77
1933	2·92	2·96	2·89	3·04	2·96	2·77	2·77	2·56	2·69	2·71	2·54	2·54	2·78
1934	2·58	2·92	2·96	3·00	2·94	2·97	2·79	2·89	3·00	2·71	2·71	3·04	2·88
1935	2·92	3·04	3·15	3·01	3·14	3·28	2·92	2·69	2·79	2·65	2·72	2·79	2·92
1936	2·50	2·52	2·78	2·90	2·75	2·71	2·48	2·78	2·60	2·69	2·69	2·73	2·68

SYDNEY, N.S.W. — The mean values increase upwards; the unit is 1 foot.

1897	2·91	2·41	2·72	2·74	2·77	2·35	2·59	2·45	2·48	2·47	2·58	2·44	2·58
1898	2·56	2·49	2·56	2·71	2·94	2·61	2·63	2·23	2·50	2·48	2·74	2·54	2·58
1899	2·78	2·30	2·42	2·76	2·68	2·64	2·44	2·39	2·39	2·50	2·54	2·64	2·549
1900	2·47	2·55	2·80	2·76	2·69	2·87	2·74	2·66	2·34	2·58	2·39	2·49	2·61
1901	2·66	2·47	2·50	2·82	2·59	2·75	2·47	2·41	2·33	2·50	2·25	2·58	2·53
1902	2·73	2·75	2·64	2·41	2·46	2·38	2·36	2·19	2·42	2·24	2·22	2·46	2·44
1903	2·61	2·44	2·63	2·77	2·65	2·42	2·40	2·24	2·33	2·34	2·20	2·46	2·46
1904	2·36	2·45	2·46	2·34	2·53	2·66	2·55	2·40	2·37	2·33	2·56	2·68	2·47
1905	2·50	2·44	2·66	2·51	2·77	2·73	2·66	2·47	2·58	2·42	2·53	2·32	2·55
1906	2·28	2·30	2·30	2·69	2·64	2·79	2·64	2·23	2·29	2·46	2·61	2·37	2·47
1907	2·49	2·51	2·70	2·80	2·54	2·56	2·57	2·68	2·50	2·53	2·31	2·48	2·56
1908	2·21	2·33	2·76	2·68	2·75	2·59	2·42	2·51	2·55	2·48	2·44	2·75	2·54
1909	2·68	2·68	2·65	2·90	2·87	2·61	2·56	2·37	2·54	2·60	2·55	2·58	2·63
1910	2·65	2·58	2·53	2·64	2·97	2·93	2·93	2·71	2·62	2·70	2·53	2·97	2·730
1911	2·76	2·67	2·97	3·11	2·87	2·82	2·63	2·50	2·67	2·57	2·68	3·01	2·77
1912	2·81	2·53	2·63	2·81	2·64	2·52	2·61	2·54	2·70	2·46	2·46	2·62	2·61
1913	2·53	2·43	2·62	2·68	2·91	2·70	2·55	2·55	2·55	2·51	2·79	2·73	2·63
1914	2·79	2·30	2·53	2·87	2·79	2·83	2·65	2·42	2·43	2·25	2·56	2·65	2·59
1915	2·81	2·96	2·92	2·78	2·81	2·90	2·67	2·44	2·66	2·63	2·74	2·41	2·73
1916	2·37	2·47	2·64	2·47	2·38	2·25	2·06	2·45	2·32	2·55	2·64	2·46	2·42
1917	2·76	2·57	2·70	2·90	2·88	2·65	2·94	2·41	2·63	2·51	2·41	2·48	2·65
1918	2·44	2·58	2·55	2·41	2·63	2·81	2·47	2·36	2·36	2·65	2·42	2·43	2·51
1919	2·66	2·32	2·57	2·56	2·80	2·59	2·46	2·60	2·55	2·55	2·36	2·35	2·53
1920	2·51	2·34	2·56	2·55	2·67	2·77	2·56	2·52	2·36	2·39	2·49	2·76	2·540
1921	2·37	2·47	2·70	2·99	2·68	2·64	2·89	2·49	2·36	2·66	2·91	2·98	2·68
1922	3·02	2·82	2·83	2·75	2·64	2·65	2·41	2·54	2·17	2·53	2·62	2·52	2·63

( ), the enclosed mean values have been calculated from an incomplete series of observations.

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TABLE B—*continued.*

SYDNEY, N.S.W.—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1923	2·71	2·35	2·39	2·22	3·03	2·87	2·57	2·16	2·52	2·40	2·50	2·22	2·50
1924	2·56	2·45	2·38	2·81	2·54	2·65	2·24	2·22	2·43	2·56	2·45	2·44	2·48
1925	2·34	2·63	2·47	2·41	2·56	2·49	2·64	2·31	2·37	2·30	2·09	2·33	2·41
1926	2·37	2·47	2·24	2·74	2·90	2·50	2·46	2·38	2·10	2·61	2·13	2·33	2·46
1927	2·41	2·57	2·53	2·71	2·69	2·34	2·42	2·44	2·15	2·08	2·18	2·14	2·40
1934	2·320	2·609	2·572	2·784	2·634	2·686	2·578	2·512	2·570	2·381	2·471	2·685	2·564

WILLIAMSTOWN, VICT. — The mean values increase upwards; the unit is 1 foot.

1928	(3·55)	(3·63)	3·63	3·99	(3·81)	(3·85)	4·01	3·83	4·34	4·33	3·94	3·76	3·89
1929	4·22	3·67	3·79	4·11	(3·94)	(3·99)	3·69	3·54	3·39	3·49	(3·63)	(4·00)	3·79
1930	3·55	(3·49)	3·31	(3·57)	(3·61)	3·49	4·05	(3·96)	3·98	(3·62)	(3·46)	4·03	3·68
1931	4·04	(3·78)	3·85	3·78	(4·02)	(3·95)	(4·04)	(4·00)	(3·99)	3·83	(3·76)	(3·49)	3·88
1932	(3·76)	(3·78)	3·86	4·04	(3·34)	4·44	3·92	3·78	3·30	3·54	3·66	(3·96)	3·782
1933	(3·74)	(3·81)	4·19	(4·03)	(4·07)	4·00	(3·88)	(3·81)	(3·76)	(3·91)	3·49	(3·21)	3·83
1934	(3·78)	(3·70)	3·76	(3·85)	3·81	3·76	(3·98)	3·95	3·87	3·81	3·91	(3·89)	3·84
1935	4·05	3·76	(3·74)	(4·11)	(4·02)	(4·14)	4·02	(3·90)	3·79	(3·83)	..	(3·86)	..
1936	(3·68)	(3·69)	3·61	(4·04)	3·95	(4·05)	3·85	4·42	(3·64)	4·03	3·87	(3·74)	..

PORT PHILLIP HEADS, VICT. — The mean values increase upwards; the unit is 1 foot.

1927	..	..	..	..	..	..	..	..	2·48	2·48	2·32	2·36	(2·41)
1928	2·24	2·25	2·15	2·66	2·64	2·75	3·11	2·87	3·30	3·11	2·62	2·41	2·61
1929	2·76	2·08	2·33	2·78	2·73	2·89	2·99	2·64	..	..	..	..	(2·56)
1931	2·910	2·819	2·796	2·820	3·252	3·212	3·180	3·027	3·076	2·751	2·689	2·601	2·937

BEACHPORT, S.A. — The mean values increase upwards; the unit is 1 foot.

1927	(1·733)	1·938	2·025	1·980	2·371	2·217	2·266	(2·229)	2·111	(1·996)	1·637	1·736	2·024
1928	1·626	1·238	1·518	2·071	1·831	2·049	(2·015)	2·032	2·559	2·128	1·731	1·635	1·871
1929	(2·276)	1·485	1·648	..	..	2·267	1·982	1·823	1·501	1·644	1·618	1·891	1·805
1930	1·413	1·448	1·543	1·889	1·747	1·648	2·412	2·157	2·023	1·649	1·904	(1·813)	1·805

PORT ADELAIDE, S.A. — The mean values increase upwards; the unit is 1 foot.

1882	4·209	3·705	3·984	4·345	4·774	4·313	4·635	4·073	4·413	3·956	3·954	3·953	4·193
1883	3·781	4·054	4·095	4·358	4·629	4·717	4·282	4·452	3·694	3·940	4·051	4·479	4·211
1884	4·225	3·668	3·426	4·103	4·208	4·948	3·928	4·283	3·957	3·948	3·470	4·459	4·052
1885	3·932	3·872	4·000	3·756	4·102	4·480	4·076	4·562	3·826	3·698	3·602	4·175	4·007
1886	4·801	4·302	3·832	4·165	4·387	4·176	4·017	4·542	4·284	4·292	4·233	4·013	4·254
1887	4·917	3·781	4·358	4·114	4·330	4·671	4·851	3·793	4·480	4·163	4·071	3·861	4·282
1888	4·129	4·083	3·967	3·916	4·150	4·562	4·783	4·125	3·910	3·658	3·838	3·750	4·073
1889	4·202	3·757	4·082	4·043	4·267	5·110	4·194	4·557	4·380	4·389	4·114	4·392	4·291
1890	3·717	3·663	3·856	4·052	4·117	4·928	4·225	4·192	4·412	4·575	4·307	4·110	4·179
1891	4·417	3·875	4·271	4·230	4·146	4·480	4·771	4·333	4·041	3·875	3·917	4·646	4·250
1933	4·681	4·599	5·063	4·937	5·184	5·111	4·881	4·652	4·868	4·997	4·486	4·601	4·841
1936	(4·573)	4·631	4·632	4·913	5·114	4·867	4·792	5·358	4·657	5·152	4·460	4·509	4·811

KINGSCOTE, S.A. — The mean values increase upwards; the unit is 1 foot.

1922	(3·376)	(3·149)	(2·970)	(3·636)	(3·843)	(3·694)	(3·011)	2·763	2·433	(2·714)	(3·329)	4·135	(3·262)
1923	(4·141)	(3·556)	(3·586)	(3·514)	(4·877)	(4·323)	(4·237)	(3·535)	(4·265)	(3·851)	(3·800)	(3·388)	3·938
1924	(3·602)	(4·175)	..	..	(4·056)	(4·224)	(3·876)	(4·114)	(4·000)	(4·316)	(4·204)	3·724	(4·033)

PORT WALLAROO, S.A. — The mean values increase upwards; the unit is 1 foot.

1936	(2·737)	2·701	2·720	3·041	3·149	2·951	2·940	3·310	2·626	3·047	2·591	2·878	(2·895)

( ), the enclosed mean values have been calculated from an incomplete series of observations.

TABLE B—*continued.*

PORT PYRIE, S.A. — The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1935	22·419	22·329	22·312	22·677	22·671	22·676	22·706	22·256	22·289	21·998	22·224	22·174	22·392
1936	22·207	22·180	22·110	(22·322)	(22·556)	(22·372)	22·380	22·716	21·943	22·541	22·211	22·217	22·304

FRANKLYN HARBOUR, S.A. — The mean values increase upwards; the unit is 1 foot.

1935	3·136	3·158	3·275	(3·469)	3·624	(3·569)	3·648	3·327	3·324	(3·060)	(3·067)	3·042	(3·337)
1936	3·157	3·189	3·148	3·358	3·527	3·346	3·276	3·718	2·890	3·335	3·034	3·154	3·264

PORT LINCOLN, S.A. — The mean values increase upwards; the unit is 1 foot.

1923	..	..	..	..	..	..	(3·779)	(3·688)	(3·345)	(3·251)	3·197	3·055	..
1924	(3·381)	3·545	(3·426)	(3·443)	(3·832)	(4·008)	..	..	..	..	..	..	..

THEVENARD, S.A. — The mean values increase upwards; the unit is 1 foot.

1936	3·020	3·062	(3·028)	3·335	3·632	3·292	(3·360)	3·728	2·861	(3·194)	(2·862)	(3·052)	(3·206)

ALBANY, W.A. — The mean values increase upwards; the unit is 1 foot.

1923	..	..	..	..	..	..	..	..	..	1·837	1·664	1·662	..
1924	1·878	1·892	2·010	2·374	2·800	2·620	2·449	2·316	2·020	..	..	..	..

FREMANTLE, W.A. — The mean values increase upwards; the unit is 1 foot.

1913	15·4	11·0	8·3	8·6	9·1	10·7	10·1	10·2	12·6	16·2	18·6	18·0	12·42
1914	14·8	11·1	8·9	8·6	9·6	10·4	10·0	10·4	12·1	15·9	18·8	18·0	12·32

PORT HEDLAND, W.A. — The mean values increase upwards; the unit is 1 foot.

1913	16·19	16·18	16·73	16·60	16·38	16·07	15·90	15·70	15·72	16·03	16·11	16·20	16·151
1927	13·274	13·811	14·203	14·099	13·762	13·485	13·239	12·984	13·091	13·254	13·527	13·695	13·532
1932	9·9	9·9	10·3	10·3	10·1	9·8	9·7	9·2	9·7	9·5	9·7	9·7	9·81
1933	9·9	9·9	10·4	10·1	10·1	9·8	9·5	9·3	9·3	9·4	9·5	9·7	9·75

TABLE C: Annual Mean Heights of Sea-Level

The mean values increase upwards; the unit is 1 foot

Year	Brisbane	Ballina	Newcastle	Sydney	Albany	Fremantle
1865–6	7·120	..	..	..	..	..
1873	..	..	..	3·531	..	..
1874	..	..	..	3·623	..	..
1875	..	..	..	3·566	..	..
1876	..	..	..	3·502	..	..
1876–7	..	..	..	..	1·926	..
1877	..	..	..	3·367	..	..
1878	..	..	..	3·293	..	..
1879	..	..	..	3·247	..	..
1880	..	..	..	3·100	..	..
1881	..	..	..	2·550	..	..
1882	..	..	..	2·507	..	..
1883	..	..	..	2·563	..	..
1884	..	..	..	2·579	..	..
1885	..	..	..	2·453	..	..
1888	..	..	..	2·449	..	..
1890	..	..	..	..	..	..
1892–3	..	..	..	..	..	..
1896	3·46	..	..	..	..	..
1898	..	2·001	..	..	..	..
1900	..	..	3·035	..	..	..
1908	3·42	..	..	..	..	2·06[u]
1909	..	..	..	..	..	2·06[u]
1910	..	..	..	..	..	2·06[u]
1911	..	..	..	..	..	2·19[u]
1912	..	..	..	..	..	2·19[u]

u, there is some uncertainty in the significance of the printed figures.

MADAGASCAR

§ 1. *Authorities.*

1. Le Service du Nivellement général de la France, Paris.

§ 2. *Apparatus.*

1. Médimarémètre.

§ 3. *Datums.*

For Majunga and Tamatave the standard surface of the system of precision levelling is the *Zéro provisoire du Service Géographique de l'Armée.*

The individual bench-marks are as follows:—

Majunga. "Console-repère scellée près du médimarémètre."

Tamatave. "Rivet scellé à l'angle des murs de quai à proximité du médimarémètre."

TABLE A: STATIONS, AUTHORITIES AND CONDITIONS

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums, § 3		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
			§ 1	§ 1	§ 1	§ 2			p. 10		cm.		
Majunga	15° 44′ S.	46° 20′ E.	1	1	1	1	..	..	2*b*	..	..	..	1932–33, 1936
Tamatave	18 09 „	49 26 „	1	1	1	1	..	..	2*b*	..	–194·8	..	1930–36

TABLE C: ANNUAL MEAN HEIGHTS OF SEA-LEVEL

The mean values increase upwards; the unit is 1 centimetre

Year	Majunga	Tamatave
1930	..	−3
1931	..	0
1932	−4	−2
1933	−4	+1
1934	..	+1
1935	..	−1
1936	−27 *u*	+1

u, there is some uncertainty in the significance of the printed figure.

TANGANYIKA

§ 1. *Authorities.*

1. Hydrographic Department, Admiralty, London.
2. Harbour Authority.
3. Liverpool Observatory and Tidal Institute.

§ 2. *Apparatus.*

1. Recording gauge.

§ 3. *Datums.*

The bench-mark at Dar-es-Salaam is on the steps of the left side of the entrance to the Post Office.

TABLE A: STATIONS, AUTHORITIES AND CONDITIONS

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums, § 3		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
			§ 1	§ 1	§ 1	§ 2			p. 10		ft.		
Dar-es-Salaam	6° 49′ S.	39° 19′ E.	1	2	3	1	..	..	1*a*	..	–30·39	1929–30	..

TABLE B: MONTHLY AND ANNUAL MEAN HEIGHTS OF SEA-LEVEL

DAR-ES-SALAAM. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1929	..	..	..	5·163	4·965	4·978	4·868	4·794	4·930	5·085	4·977	5·162	..
1930	5·034	5·095	5·037	..	..	..	..	..	..	..	..	..	..

KENYA

§ 1. *Authorities.*

1. Hydrographic Department, Admiralty, London.
2. Kenya and Uganda Railways and Harbours, Mombasa.
3. Liverpool Observatory and Tidal Institute.

§ 2. *Apparatus.*

1. Recording gauge.

TABLE A: STATIONS, AUTHORITIES AND CONDITIONS

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
Kilindini	4° 04′ S.	39° 39′ E.	§ 1 1	§ 1 2	§ 1 3	§ 2 1	..	..	p. 10 1*a*	..	..	1932–33	..

TABLE B: MONTHLY AND ANNUAL MEAN HEIGHTS OF SEA-LEVEL

KILINDINI. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1932	..	..	..	..	..	..	..	..	..	8·003	8·108	7·968	..
1933	8·123	8·088	8·206	8·246	8·127	8·013	8·053	7·989	7·942	..	..	..	..

ARABIA AND IRAN

§ 1. *Authorities.*

1. Survey of India, Dehra Dun.
   - *a.* General Report of Operations of the Survey of India Department, 1894–5, Appendix.
   - *b.* Great Trigonometrical Survey of India, vol. 16, 1901.
   - *c.* Annual Reports of the Survey of India.
2. Liverpool Observatory and Tidal Institute.
3. Port Director, Basrah.

§ 2. *Apparatus.*

1. Recording gauge of Newman type.
2. Pole.

§ 3. *Datums.*

The datums are local.

The individual bench-marks are described in Authority 1*b*.

ARABIA AND IRAN

TABLE A: Stations, Authorities and Conditions

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums, § 3		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
			§ 1	§ 1	§ 1	§ 2	1:		p. 10		ft.	ft.	
Perim	12° 39′ N.	43° 25′ E.	1c	1	1	1	2	..	1	..	−12·910	..	1898–1902
Aden	12 47 ,,	44 59 ,,	1a, 1b	1	1	1	2	..	1	..	−13·489	1879–93	..
			1b, 1c					..	..	..	..	..	1894–1920
Maskat	23 37 ,,	58 36 ,,	1c	1	1	1	3	..	1	..	..	..	1893–7
Basrah	30 31 ,,	47 51 ,,	2	3	2	2	..	..	1a	..	..	1917–8	..
			1c			2	..	..	1	..	..	..	1916, 1921–2
						1	16	..	1	..	..	..	1922–4
Bushire	28 54 ,,	50 45 ,,	1a, 1c	1	1	1	2	..	1	..	−38·50	..	1892, 1894–1900

TABLE B: Monthly and Annual Mean Heights of Sea-Level

ADEN. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1879	..	..	6·083	6·207	6·149	5·869	5·557	5·304	5·387	5·454	5·600	5·787	..
1880	5·733	6·086	6·021	6·070	6·078	5·942	5·621	5·262	5·370	5·472	5·552	5·858	5·755
1881	6·033	6·093	6·096	6·046	6·189	5·819	5·823	5·355	5·402	5·476	5·720	5·897	5·829
1882	5·865	6·079	6·098	6·115	6·058	5·699	5·323	5·412	5·486	5·386	5·580	5·917	5·751
1883	6·023	5·968	6·001	6·114	6·111	5·836	5·429	5·405	5·429	5·534	5·745	5·873	5·789
1884	6·114	5·992	6·058	6·109	6·231	5·911	5·620	5·499	5·407	5·516	5·668	5·978	5·842
1885	6·088	6·074	6·159	6·247	6·254	6·179	5·688	5·429	5·243	5·472	5·793	5·932	5·879
1886	6·075	6·115	6·198	6·194	6·329	6·198	5·834	5·450	5·371	5·589	5·687	5·830	5·906
1887	6·184	5·946	6·063	6·046	6·198	5·860	5·542	5·318	5·320	5·476	5·788	6·025	5·814
1888	6·078	6·142	5·998	6·153	6·131	5·958	5·682	5·517	5·459	5·599	5·889	5·833	5·869
1889	6·042	6·049	6·155	6·143	6·131	5·872	5·675	5·301	5·520	5·551	5·628	5·921	5·832
1890	6·016	6·081	6·147	6·189	6·221	5·860	5·459	5·224	5·467	5·417	5·687	5·927	5·808
1891	5·868	6·014	6·131	6·184	6·167	5·879	5·579	5·397	5·436	5·662	5·884	5·834	5·836
1892	5·918	6·086	5·922	6·237	6·171	6·045	5·594	5·339	5·561	5·616	5·714	5·846	5·837
1893	6·070	5·996	6·175	6·172	6·041	5·966	5·747	5·357	5·290	5·421	5·476	5·966	5·806

BASRAH. The mean values increase upwards; the unit is 1 foot.

1917	5·888	6·427	6·474	7·485	7·497	6·822	6·476	5·969	5·359	5·000	4·888	5·113	6·117
1918	5·194	5·601	6·546	7·300	8·612	8·413	7·385	6·219	5·691	5·579	5·642	5·566	6·479

ARABIA AND IRAN

TABLE C: Annual Mean Heights of Sea-Level

The mean values increase upwards; the unit is 1 foot

Year	Perim	Aden	Maskat	Basrah	Bushire
1892	..	..	..	..	4·878
1893	..	..	7·694	..	..
1894	..	5·827	7·693	..	4·769
1895	..	5·845	7·639	..	4·695
1896	..	5·837	7·704	..	4·652
1897	..	5·933	7·699	..	4·710
1898	5·396	5·920	..	..	4·688
1899	5·361	5·880	..	..	4·621
1900	5·324	5·785	..	..	4·620
1901	5·407	5·837	..	..	..
1902	5·443	5·990	..	..	..
1903	..	5·964	..	..	..
1904	..	5·872	..	..	..
1905	..	5·855	..	..	..
1906	..	5·813	..	..	..
1907	..	5·858	..	..	..
1908	..	5·820	..	..	..
1909	..	5·790	..	..	..
1910	..	5·836	..	..	..
1911	..	5·768	..	..	..
1912	..	5·873	..	..	..
1913	..	5·860	..	..	..
1914	..	5·833	..	..	..
1915	..	5·951	..	..	..
1916	..	5·904	..	6·905	..
1917	..	5·795	..	..	..
1918	..	5·849	..	..	..
1919	..	5·841	..	7·230	..
1920	..	5·871	..	6·540	..
1921	..	..	..	6·383	..
1922	..	..	..	6·439	..
1923	..	..	..	6·085	..
1924	..	..	..	5·853	..

INDIA

§ 1. *Authorities.*

1. Survey of India, Dehra Dun.

   a. General Report of Operations of the Survey of India Department, 1894–5, Appendix.

   b. Great Trigonometrical Survey of India, vol. 16, 1901.

   c. Annual Reports of the Survey of India.

2. Liverpool Observatory and Tidal Institute.

§ 2. *Apparatus.*

1. Recording gauge of Newman type.

2. Pole.

§ 3. *Datums.*

The datums are local.

The individual bench-marks are described in Authority 1*b*.

INDIA

TABLE A: Stations, Authorities and Conditions

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations: Height Ratio	Apparatus for Observations: Time Scale	Methods of Reduction	Datums, § 3: Levelling System	Datums, § 3: Bench Marks	Periods: Table B	Periods: Table C
			§ 1	§ 1	§ 1	§ 2	1:	p. 10		ft.		
Karāchi	24° 48′ N.	66° 58′ E.	1*b*, 1*c*	1	1	1	12	1	..	−16·139	..	1868–80
							3					1881–1920
Hanstal	22 56 ,,	70 21 ,,	1*b*, 1*c*	1	1	1	6	1	..	−26·034	..	1874
Navinār	22 45 ,,	69 43 ,,	1*b*, 1*c*	1	1	1	6	1	..	−25·372	..	1874
Okha Point	22 28 ,,	69 05 ,,	1*b*, 1*c*	1	1	1	4	1	..	−20·074	..	1874, 1905
Porbandar	21 38 ,,	69 37 ,,	1*c*	1	..	2	..	1	..	..	..	1893–4
					..	1	..		..	−23·26	..	1900–1
Port Albert Victor	20 57 ,,	71 32 ,,	1*b*, 1*c*	1	1	2	..	1	..	−24·540	..	1881
						1	4	1	..		..	1900–3
Bhāvnagar	21 48 ,,	72 09 ,,	1*b*, 1*c*	1	1	1	10	1	..	−43·35	..	1889–93
Bombay (Apollo Bandar)	18 55 ,,	72 50 ,,	1	1	1	1	4	1*a*	..	−29·96	1878–1930	..
								5	..		1931–36	..
Bombay (Prince's Dock)	18 57 ,,	72 50 ,,	1*b*, 1*c*	1	1	1	12	1	..	−28·00	..	1888–1920
Mormugao	15 25 ,,	73 48 ,,	1*b*, 1*c*	1	1	1	2	1	..	−17·823	..	1884–8
Karwar	14 48 ,,	74 06 ,,	1*b*, 1*c*	1	1	1	2	1	..	−17·324	..	1878–82
Beypore	11 10 ,,	75 48 ,,	1*b*, 1*c*	1	1	1	2	1	..	−19·707	..	1878–83
Cochin	9 58 ,,	76 15 ,,	1*b*, 1*c*	1	1	1	1	1	..	− 8·93	..	1886–91
Minicoy Island	8 17 ,,	73 03 ,,	1*b*, 1*c*	1	1	1	2	1	..	−10·046	..	1891–5
Tuticorin	8 48 ,,	78 09 ,,	1*b*, 1*c*	1	1	1	1	1	..	− 9·063	..	1888–91
Colombo	6 57 ,,	79 51 ,,	1*b*, 1*c*	1	1	1	1	1	..	−10·075	..	1884–9
Galle	6 02 ,,	80 13 ,,	1*b*, 1*c*	1	1	1	1	1	..	− 7·710	..	1884–9
Trincomalee	8 33 ,,	81 13 ,,	1*b*, 1*c*	1	1	1	1	1	..	− 5·900	..	1890–5
Pamban Pass	9 16 ,,	79 12 ,,	1*b*, 1*c*	1	1	1	1	1	..	−10·18	..	1878–81
Negapatam	10 46 ,,	79 51 ,,	1*b*, 1*c*	1	1	1	1	1	..	−11·605	..	1881–2, 1885–7
Madras	13 06 ,,	80 18 ,,	1*b*, 1*c*	1	1	1	1	1	..	−17·97	..	1880–9
							2		..		..	1895–1920
Cocanada	16 56 ,,	82 15 ,,	1*b*, 1*c*	1	1	1	2	1	..	−11·298	..	1886–90
Vizagapatam	17 41 ,,	83 17 ,,	1*b*, 1*c*	1	1	1	2	1	..	−18·955	..	1879–84
False Point	20 25 ,,	86 47 ,,	1*b*, 1*c*	1	1	1	3	1	..	−17·951	..	1881–4
Dublat	21 38 ,,	88 08 ,,	1*b*, 1*c*	1	1	1	6	1	..	−18·398	..	1881–5
Diamond Harbour	22 11 ,,	88 11 ,,	1*b*, 1*c*	1	1	1	6	1	..	−19·882	..	1881–5
Kidderpore	22 32 ,,	88 20 ,,	1*a*	1	1	1	6	1	..	−23·928	1881–93	..
			2						..		..	1894–1920
Chittagong	22 20 ,,	91 50 ,,	1*b*, 1*c*	1	1	1	4	1	..	−22·702	..	1886–90

TABLE B: Monthly and Annual Mean Heights of Sea-Level

BOMBAY (APOLLO BANDAR). The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1878	9·92	10·19	10·19	10·27	10·34	10·28	10·60	10·61	10·35	10·22	10·13	10·07	10·267
1879	10·38	10·37	10·09	10·11	10·23	10·12	10·13	10·25	9·92	9·93	10·12	10·42	10·173
1880	10·24	10·18	10·45	10·19	10·13	10·04	10·23	9·88	10·02	10·03	10·31	10·47	10·183
1881	10·63	10·55	10·33	10·15	10·26	9·91	10·44	10·13	10·06	9·83	10·30	10·46	10·254
1882	10·44	10·27	10·35	10·38	9·94	10·37	10·44	9·93	9·92	9·94	10·13	10·28	10·198
1883	10·37	10·23	10·19	10·12	10·17	10·46	10·39	10·03	10·17	10·16	10·35	10·40	10·253
1884	10·40	10·28	10·27	10·16	10·28	10·30	10·33	10·10	10·23	10·02	10·24	10·41	10·251
1885	10·51	10·14	10·34	10·34	10·15	10·62	10·20	10·49	10·13	10·37	10·15	10·25	10·309
1886	10·28	10·12	10·32	10·23	10·57	10·45	10·30	10·02	9·99	10·19	10·19	10·51	10·266
1887	10·38	10·17	10·24	10·13	10·05	10·36	10·30	10·15	9·76	10·09	10·12	10·67	10·204
1888	10·49	10·30	10·29	10·17	10·12	10·45	10·37	10·21	9·82	10·15	10·35	10·28	10·250
1889	10·21	10·21	10·24	10·29	10·09	10·33	10·29	10·10	10·00	10·08	10·18	10·43	10·205
1890	10·51	10·30	10·21	10·19	10·02	10·54	10·44	10·12	10·14	9·83	10·22	10·39	10·242
1891	10·36	10·05	10·24	10·26	10·03	9·97	10·29	10·22	9·96	10·03	10·20	10·22	10·154
1892	10·18	10·15	10·21	10·37	10·07	10·50	10·57	10·22	10·19	10·21	10·29	10·43	10·282
1893	10·39	9·99	10·38	10·34	9·93	10·50	10·19	10·15	9·92	9·95	10·26	10·56	10·213
1894	10·43	10·36	10·13	10·37	9·97	10·36	10·29	10·14	9·97	10·26	10·06	10·48	10·235
1895	10·25	10·19	10·28	10·34	9·89	10·37	10·16	10·15	9·76	10·24	10·34	10·37	10·196
1896	10·40	9·95	10·26	10·37	10·11	10·63	10·36	10·41	9·95	10·06	10·28	10·04	10·236
1897	10·07	10·17	10·09	10·32	10·13	10·38	10·55	10·45	10·16	10·09	10·25	10·36	10·253
1898	10·40	10·29	10·45	10·37	10·08	10·54	10·41	10·11	10·07	10·23	10·43	10·66	10·337
1899	10·35	10·31	10·41	10·54	10·13	10·33	10·02	9·91	9·72	10·13	10·17	10·35	10·196
1900	10·11	10·10	10·10	10·31	9·97	10·16	10·05	10·50	9·90	9·94	10·44	10·44	10·168
1901	10·25	10·12	10·41	10·63	10·14	10·23	10·26	10·28	9·75	9·95	10·30	10·41	10·228
1902	10·38	10·39	10·42	10·41	10·12	10·48	10·21	10·06	10·22	10·32	10·36	10·38	10·312
1903	10·25	10·05	10·09	10·32	10·36	10·61	10·53	10·35	10·07	10·15	10·39	10·60	10·316
1904	10·47	10·50	10·39	10·17	10·13	10·27	10·11	10·01	9·85	10·00	10·08	10·33	10·181
1905	10·12	9·85	9·88	9·84	10·12	10·16	10·17	10·03	10·02	10·12	10·15	10·34	10·069
1906	10·00	10·03	9·99	10·02	10·09	10·46	10·33	10·05	10·11	10·08	10·14	10·35	10·137
1907	10·44	10·16	10·19	10·49	9·96	10·34	10·11	10·25	9·83	9·97	10·05	10·38	10·183
1908	10·34	10·22	10·19	10·37	9·84	10·20	10·24	10·21	9·90	9·89	10·09	10·29	10·148
1909	10·31	10·10	10·33	10·25	10·00	10·36	10·48	9·92	9·97	9·85	10·13	10·34	10·172
1910	10·37	10·16	10·27	10·12	10·07	10·35	10·21	10·20	10·08	10·01	10·21	10·40	10·204
1911	10·45	10·23	10·28	9·82	10·20	10·16	10·05	10·22	9·94	10·02	10·49	10·33	10·182
1912	10·31	10·26	10·13	10·44	10·18	10·43	10·33	10·25	10·08	10·09	10·45	10·66	10·302
1913	10·26	10·28	10·05	10·34	10·34	10·41	10·43	9·98	9·84	10·03	10·17	10·14	10·189
1914	10·35	10·09	10·03	10·12	10·12	10·49	10·23	10·13	10·24	10·30	10·49	10·42	10·253
1915	10·44	10·35	10·38	10·28	10·06	10·30	10·33	10·04	10·00	10·20	10·18	10·53	10·256
1916	10·52	10·08	10·41	10·24	10·17	10·42	10·54	10·39	10·27	10·18	10·32	10·60	10·347
1917	10·64	10·46	10·29	10·31	10·10	10·44	10·15	10·21	10·25	10·44	10·14	10·50	10·326
1918	10·50	10·33	10·58	10·22	10·36	10·40	10·18	10·05	9·93	10·19	10·42	10·26	10·286
1919	10·31	10·16	10·11	9·96	10·23	10·07	10·21	10·04	9·95	9·90	10·12	10·59	10·140
1920	10·52	10·30	10·42	10·48	10·00	10·54	10·45	10·08	10·00	9·97	10·41	10·18	10·278
1921	10·22	10·31	10·29	10·43	10·11	10·26	10·37	10·39	10·14	10·17	10·45	10·53	10·304
1922	10·34	10·30	10·25	10·54	10·34	10·46	10·33	10·12	10·02	9·88	10·16	10·22	10·246
1923	10·40	10·17	10·43	10·18	9·88	9·97	10·39	10·45	9·86	9·86	9·82	10·24	10·134
1924	10·14	10·20	10·37	10·31	10·19	10·62	10·48	10·16	10·08	10·01	10·00	10·56	10·262
1925	10·19	10·19	10·38	10·30	10·21	10·46	10·12	10·03	9·96	10·20	10·47	10·33	10·236
1926	10·27	10·27	10·21	10·22	10·20	10·25	10·57	10·43	10·33	9·95	10·23	10·37	10·275
1927	10·18	10·12	10·15	10·11	10·10	10·38	10·23	10·31	10·13	10·19	10·28	10·47	10·222
1928	10·25	10·17	10·26	10·18	10·30	10·02	10·37	10·19	9·97	9·91	10·32	10·46	10·201
1929	10·29	10·29	10·65	10·50	10·14	10·56	10·43	9·96	10·09	10·27	10·53	10·37	10·340
1930	10·39	10·09	10·38	10·55	10·02	10·73	10·37	10·11	10·03	10·09	10·33	10·43	10·298
1931	10·7	10·4	10·5	10·4	10·2	10·4	10·6	10·6	10·0	10·2	10·4	10·7	10·44
1932	10·8	10·5	10·5	10·3	10·3	10·3	10·6	10·4	10·2	10·5	10·3	10·3	10·42
1933	10·5	10·4	10·4	10·4	10·5	10·8	10·3	10·4	10·3	10·4	10·6	10·8	10·50
1934	10·5	10·6	10·6	10·6	10·3	10·5	10·5	10·5	10·1	10·1	10·5	10·7	10·46
1935	10·4	10·5	10·4	10·4	10·3	10·3	10·4	10·3	10·1	10·4	10·1	10·5	10·33
1936	10·3	10·4	10·4	10·3	10·2	10·7	10·3	10·0	10·1	9·9	10·6	10·8	10·34

TABLE B—*continued.*

KIDDERPORE. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1881	..	..	8·498	9·210	9·873	10·635	12·183	14·241	14·381	12·953	10·321	8·979	..
1882	8·864	8·502	8·870	9·006	9·656	10·761	12·715	13·731	13·802	12·985	10·308	9·430	10·719
1883	8·622	8·436	8·919	9·578	10·070	10·634	12·127	13·961	13·433	11·532	10·058	9·512	10·573
1884	8·747	8·686	9·066	9·421	9·959	10·230	11·816	13·440	13·375	12·803	10·737	9·752	10·669
1885	8·838	8·533	9·115	9·171	9·475	10·370	12·562	14·803	15·769	12·701	10·386	9·326	10·920
1886	9·082	8·724	8·926	9·558	9·999	10·916	13·101	14·859	15·799	14·215	11·325	9·813	11·359
1887	9·098	8·888	9·362	9·723	10·646	11·550	12·890	14·409	14·841	12·641	10·462	9·485	11·166
1888	8·816	8·513	9·152	8·850	10·063	10·297	12·046	14·930	15·255	11·989	9·981	9·142	10·753
1889	8·993	8·449	8·967	9·470	10·283	10·923	13·061	14·380	15·469	12·968	11·225	9·779	11·164
1890	9·006	9·104	9·147	9·756	10·002	11·227	14·006	16·256	15·356	13·995	10·731	9·237	11·485
1891	8·577	8·526	8·872	9·454	9·946	10·997	11·799	13·726	13·952	12·133	10·407	9·075	10·622
1892	8·631	8·590	9·280	10·113	10·254	10·428	12·470	13·835	14·716	12·201	10·445	9·222	10·848
1893	8·644	8·216	8·838	9·575	10·395	11·413	14·099	14·899	15·010	13·552	11·102	9·869	11·301

INDIA

TABLE C: Annual Mean Heights of Sea-Level

The mean values increase upwards; the unit is 1 foot

Year	Karachi	Hanstal	Navinar	Okha Point	Porbandar	Port Albert Victor	Bhavnagar	Bombay (Prince's Dock)	Mormugao	Karwar	Beypore	Cochin	Minicoy Is.	Tuticorin
1868	7·149	..	..	..	..	..	..	..	..	..	..	..	..	..
1869	7·291	..	..	..	..	..	..	..	..	..	..	..	..	..
1870	7·264	..	..	..	..	..	..	..	..	..	..	..	..	..
1871	7·107	..	..	..	..	..	..	..	..	..	..	..	..	..
1872	7·051	..	..	..	..	..	..	..	..	..	..	..	..	..
1873	7·079	..	..	..	..	..	..	..	..	..	..	..	..	..
1874	7·152	16·332	15·441	9·650	..	..	..	..	..	..	..	..	..	..
1875	7·153	..	..	..	..	..	..	..	..	..	..	..	..	..
1876	7·134	..	..	..	..	..	..	..	..	..	..	..	..	..
1877	7·207	..	..	..	..	..	..	..	..	..	..	..	..	..
1878	7·331	..	..	..	..	..	..	..	..	..	..	..	..	..
1879	7·308	..	..	..	..	..	..	..	..	5·650	5·385	..	..	..
1880	7·267	..	..	..	..	..	..	..	..	5·541	5·392	..	..	..
1881	7·179	..	..	..	..	13·872	..	..	..	5·564	5·412	..	..	..
1882	7·060	..	..	..	..	..	..	..	..	5·515	5·412	..	..	..
1883	7·192	..	..	..	..	..	..	..	..	5·492	5·395	..	..	..
1884	7·198	..	..	..	..	..	..	..	..	..	5·301	..	..	..
1885	7·206	..	..	..	..	..	..	..	5·512	..	..	..	..	..
1886	7·225	..	..	..	..	..	..	..	5·577	..	..	..	..	..
1887	7·152	..	..	..	..	..	..	..	5·573	..	..	2·422	..	..
1888	7·133	..	..	..	..	..	..	..	5·486	..	..	2·359	..	..
1889	7·155	..	..	..	..	..	..	8·306	5·451	..	..	2·307	..	2·091
1890	7·143	..	..	..	..	..	22·703	8·285	..	..	..	2·421	..	2·186
1891	7·114	..	..	..	..	..	22·742	8·329	..	..	..	2·345	..	2·149
1892	7·243	..	..	..	..	..	22·592	8·226	..	..	..	2·331	5·174	2·074
1893	7·203	..	..	..	..	..	22·699	8·386	..	..	..	..	5·269	..
1894	7·217	..	..	..	6·129	..	22·550	8·253	..	..	..	..	5·247	..
1895	7·191	..	..	..	6·461	..	..	8·247	..	..	..	..	5·200	..
1896	7·190	..	..	..	..	..	..	8·274	..	..	..	..	5·192	..
1897	7·214	..	..	..	..	..	..	8·280	..	..	..	..	..	..
1898	7·242	..	..	..	..	..	..	8·262	..	..	..	..	..	..
1899	7·192	..	..	..	..	..	..	8·298	..	..	..	..	..	..
1900	7·065	..	..	..	7·342	9·660	..	8·211	..	..	..	..	..	..
1901	7·151	..	..	..	7·412	9·748	..	8·065	..	..	..	..	..	..
1902	7·306	..	..	..	..	9·858	..	8·239	..	..	..	..	..	..
1903	7·282	..	..	..	..	9·871	..	8·382	..	..	..	..	..	..
1904	7·210	..	..	..	..	..	..	8·290	..	..	..	..	..	..
1905	7·120	..	..	9·598	..	..	..	8·177	..	..	..	..	..	..
1906	7·224	..	..	..	..	..	..	7·981	..	..	..	..	..	..
1907	7·328	..	..	..	..	..	..	7·989	..	..	..	..	..	..
1908	7·178	..	..	..	..	..	..	8·247	..	..	..	..	..	..
1909	7·163	..	..	..	..	..	..	8·115	..	..	..	..	..	..
1910	7·233	..	..	..	..	..	..	8·119	..	..	..	..	..	..
1911	7·223	..	..	..	..	..	..	8·201	..	..	..	..	..	..
1912	7·312	..	..	..	..	..	..	8·198	..	..	..	..	..	..
1913	7·243	..	..	..	..	..	..	8·300	..	..	..	..	..	..
1914	7·318	..	..	..	..	..	..	8·221	..	..	..	..	..	..
1915	7·318	..	..	..	..	..	..	8·318	..	..	..	..	..	..
1916	7·374	..	..	..	..	..	..	8·283	..	..	..	..	..	..
1917	7·368	..	..	..	..	..	..	8·404	..	..	..	..	..	..
1918	7·339	..	..	..	..	..	..	8·374	..	..	..	..	..	..
1919	7·247	..	..	..	..	..	..	8·302	..	..	..	..	..	..
1920	7·377	..	..	..	..	..	..	8·357	..	..	..	..	..	..
								8·271						

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TABLE C—*continued*

The mean values increase upwards; the unit is 1 foot

Year	Colombo	Galle	Trincomaloe	Pamban Pass	Negapatam	Madras	Cocanada	Vizagapatam	False Point	Dublat	Diamond Harbour	Kidderpore	Chittagong
1868	..	..	..	..	..	..	..	..	..	..	..	..	..
1869	..	..	..	..	..	..	..	..	..	..	..	..	..
1870	..	..	..	..	..	..	..	..	..	..	..	..	..
1871	..	..	..	..	..	..	..	..	..	..	..	..	..
1872	..	..	..	..	..	..	..	..	..	..	..	..	..
1873	..	..	..	..	..	..	..	..	..	..	..	..	..
1874	..	..	..	..	..	..	..	..	..	..	..	..	..
1875	..	..	..	..	..	..	..	..	..	..	..	..	..
1876	..	..	..	..	..	..	..	..	..	..	..	..	..
1877	..	..	..	..	..	..	..	..	..	..	..	..	..
1878	..	..	..	2·666	..	..	..	..	..	..	..	..	..
1879	..	..	..	2·707	..	..	..	4·991	..	..	..	..	..
1880	..	..	..	2·759	..	2·251	..	4·917	..	..	..	..	..
1881	..	..	..	2·705	1·996	2·209	..	4·809	7·552	14·394	8·976	..	..
1882	..	..	..	..	2·048	2·179	..	4·812	7·597	14·499	9·011	..	..
1883	..	..	..	..	..	2·180	..	4·813	7·593	14·417	8·999	..	..
1884	2·208	2·656	..	..	..	2·134	..	4·630	7·492	14·379	8·897	..	..
1885	2·261	2·700	..	..	1·811	2·051	..	..	..	14·263	8·804	..	..
1886	2·304	2·679	..	..	2·048	2·320	5·488	..	..	..	..	..	8·251
1887	2·199	2·606	..	..	2·047	2·266	5·324	..	..	..	..	..	7·945
1888	2·112	2·570	..	..	..	2·133	5·154	..	..	..	..	..	7·923
1889	2·216	2·685	..	..	..	2·353	5·413	..	..	..	..	..	8·086
1890	..	..	1·842	..	..	..	5·308	..	..	..	..	..	7·977
1891	..	..	1·826	..	..	..	..	..	..	..	..	..	..
1892	..	..	2·043	..	..	..	..	..	..	..	..	..	..
1893	..	..	1·987	..	..	..	..	..	..	..	..	..	..
1894	..	..	1·962	..	..	..	..	..	..	..	..	11·383	..
1895	..	..	1·928	..	..	2·175	..	..	..	..	..	10·476	..
1896	..	..	..	..	..	1·978	..	..	..	..	..	10·123	..
1897	..	..	..	..	..	2·279	..	..	..	..	..	10·535	..
1898	..	..	..	..	..	2·300	..	..	..	..	..	10·858	..
1899	..	..	..	..	..	2·372	..	..	..	..	..	10·660	..
1900	..	..	..	..	..	2·168	..	..	..	..	..	10·604	..
1901	..	..	..	..	..	2·282	..	..	..	..	..	10·358	..
1902	..	..	..	..	..	2·094	..	..	..	..	..	10·398	..
1903	..	..	..	..	..	2·334	..	..	..	..	..	10·711	..
1904	..	..	..	..	..	2·304	..	..	..	..	..	10·830	..
1905	..	..	..	..	..	2·338	..	..	..	..	..	10·593	..
1906	..	..	..	..	..	2·446	..	..	..	..	..	10·722	..
1907	..	..	..	..	..	2·294	..	..	..	..	..	10·358	..
1908	..	..	..	..	..	2·144	..	..	..	..	..	10·397	..
1909	..	..	..	..	..	2·354	..	..	..	..	..	10·770	..
1910	..	..	..	..	..	2·412	..	..	..	..	..	10·895	..
1911	..	..	..	..	..	2·296	..	..	..	..	..	10·781	..
1912	..	..	..	..	..	2·336	..	..	..	..	..	10·314	..
1913	..	..	..	..	..	2·362	..	..	..	..	..	10·495	..
1914	..	..	..	..	..	2·213	..	..	..	..	..	10·313	..
1915	..	..	..	..	..	2·329	..	..	..	..	..	10·453	..
1916	..	..	..	..	..	2·401	..	..	..	..	..	10·804	..
1917	..	..	..	..	..	2·368	..	..	..	..	..	10·807	..
1918	..	..	..	..	..	2·222	..	..	..	..	..	10·318	..
1919	..	..	..	..	..	2·310	..	..	..	..	..	10·382	..
1920	..	..	..	..	..	2·317	..	..	..	..	..	10·169	..

BURMA

§ 1. *Authorities.*

1. Survey of India, Dehra Dun.

a. Great Trigonometrical Survey of India, vol. 16, 1901.

b. Annual Reports of the Survey of India.

§ 2. *Apparatus.*

1. Recording gauge of Newman type.

§ 3. *Datums.*

The datums are local.

The individual bench-marks are described in Authority 1*b*.

TABLE A: Stations, Authorities and Conditions

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations: Height Ratio	Apparatus for Observations: Time Scale	Methods of Reduction	Datums, § 3: Levelling System	Datums, § 3: Bench Marks	Periods: Table B	Periods: Table C
			§ 1	§ 1	§ 1	§ 2	1:	p. 10		ft.		
Akyab	20° 08′ N.	92° 54′ E.	1*a*, 1*b*	1	1	1	3	..	1	..	−19·923	..	1887–91
Diamond Island	15 52 ,,	94 17 ,,	1*a*, 1*b*	1	1	1	3	..	1	..	..	..	1895–9
Elephant Point	16 30 ,,	96 18 ,,	1*a*, 1*b*	1	1	1	6	..	1	..	−31·246	..	1880
								..		..	−24·000	..	1884–8
Rangoon	18 46 ,,	96 10 ,,	1*a*, 1*b*	1	1	1	6	..	1	..	−23·270	..	1880–1920
Moulmein	16 29 ,,	97 37 ,,	1*a*, 1*b*	1	1	1	4	..	1	..	−24·295	..	1880–5, 1909–20
Amherst	16 05 ,,	97 34 ,,	1*a*, 1*b*	1	1	1	6	..	1	..	−26·883	..	1880–5
Mergui	12 26 ,,	98 36 ,,	1*a*, 1*b*	1	1	1	6	..	1	..	−26·488	..	1889–93

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TABLE C: Annual Mean Heights of Sea-Level

The mean values increase upwards; the unit is 1 foot

Year	Akyab	Diamond Island	Elephant Point	Rangoon	Moulmein	Amherst	Mergui
1880	..	..	16·554	10·508	8·453	13·591	..
1881	..	..	..	10·414	8·659	13·974	..
1882	..	..	..	10·387	8·658	13·701	..
1883	..	..	..	10·359	8·737	13·757	..
1884	..	..	12·418	10·173	8·146	13·588	..
1885	..	..	11·745	10·077	8·388	13·311	..
1886	..	..	11·997	10·407	..	..	..
1887	7·486	..	11·982	10·194	..	..	..
1888	7·430	..	11·903	10·161	..	..	..
1889	7·684	..	..	10·299	..	..	13·084
1890	7·535	..	..	10·374	..	..	12·983
1891	7·452	..	..	9·991	..	..	12·902
1892	..	..	..	10·264	..	..	12·999
1893	..	..	..	10·217	..	..	12·984
1894	..	..	..	10·152	..	..	..
1895	..	7·141	..	10·034	..	..	..
1896	..	7·133	..	10·070	..	..	..
1897	..	7·326	..	10·198	..	..	..
1898	..	7·304	..	10·212	..	..	..
1899	..	7·311	..	10·320	..	..	..
1900	..	..	..	10·155	..	..	..
1901	..	..	..	10·253	..	..	..
1902	..	..	..	10·031	..	..	..
1903	..	..	..	10·259	..	..	..
1904	..	..	..	10·275	..	..	..
1905	..	..	..	10·209	..	..	..
1906	..	..	..	10·285	..	..	..
1907	..	..	..	10·241	..	..	..
1908	..	..	..	10·130	..	..	..
1909	..	..	..	10·303	8·603	..	..
1910	..	..	..	10·378	8·623	..	..
1911	..	..	..	10·348	8·589	..	..
1912	..	..	..	10·218	8·277	..	..
1913	..	..	..	10·192	8·410	..	..
1914	..	..	..	10·208	8·392	..	..
1915	..	..	..	10·410	8·449	..	..
1916	..	..	..	10·294	8·232	..	..
1917	..	..	..	10·303	8·426	..	..
1918	..	..	..	10·377	8·921	..	..
1919	..	..	..	10·315	8·702	..	..
1920	..	..	..	10·309	8·636	..	..
1921	..	..	..	..	..	..	..
1922	..	..	..	..	..	..	..
1923	..	..	..	..	..	..	..
1924	..	..	..	..	..	..	..
1925	..	..	..	..	..	..	..
1926	..	..	..	..	..	..	..
1927	..	..	..	..	..	..	..
1928	..	..	..	..	..	..	..

ANDAMAN ISLANDS

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ANDAMAN ISLANDS

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Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums, § 3		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
			§ 1	§ 1	§ 1	§ 2	1:		p. 10		ft.		
Port Blair	11° 41′ N.	92° 46′ E.	1*a*, 1*b*	1	1	1	2	..	1	..	−11·24	..	1880–1920

TABLE C: ANNUAL MEAN HEIGHTS OF SEA-LEVEL

The mean values increase upwards; the unit is 1 foot

Year	Port Blair	Year	Port Blair
1880	4·792	1901	4·784
1881	4·718	1902	4·717
1882	4·710	1903	4·864
1883	4·726	1904	4·787
1884	4·689	1905	4·703
1885	4·612	1906	4·782
1886	4·506	1907	4·833
1887	4·709	1908	4·709
1888	4·625	1909	4·868
1889	4·586	1910	4·877
1890	4·605	1911	4·805
1891	4·606	1912	4·828
1892	4·811	1913	4·823
1893	4·677	1914	4·815
1894	4·742	1915	4·933
1895	4·658	1916	4·895
1896	4·753	1917	4·836
1897	4·800	1918	4·901
1898	4·795	1919	4·855
1899	4·779	1920	4·887
1900	4·752		

MALAYA

§ 1. *Authorities.*

1. Hydrographic Department, Admiralty, London.
2. State Engineer, Kedah.
3. Harbour Authority, Johore Bahru.
4. Liverpool Observatory and Tidal Institute.

§ 2. *Apparatus.*

1. Recording gauge.

§ 3. *Datums.*

The datums are local.

The bench-marks are as follows:—

Bass Harbour. A mark cut in a concrete block buried at the foot of a tree on the east shore of Pulau Beras Basah, 2·83 feet below a mark cut in the trunk of this tree.

Johore Bahru. Cope level of the lock.

MALAYA

TABLE A: Stations, Authorities and Conditions

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums, § 3		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
			§ 1	§ 1	§ 1	§ 2			p. 10		ft.		
Bass Harbour	6° 18′ N.	99° 47′ E.	1	2	4	1	..	..	1*a*	..	−15·68	1934	..
Johore Bahru	1 27 ,,	103 46 ,,	1	3	4	1	..	..	1*a*	..	−16·0	1923–4, 1929–30	..

TABLE B: Monthly and Annual Mean Heights of Sea-Level

BASS HARBOUR. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1934	7·091	6·870	6·941	7·263	7·335	7·193	7·421	7·391	7·372	7·425	7·708	6·842	7·238

JOHORE BAHRU. The mean values increase upwards; the unit is 1 foot.

1923	..	..	..	..	..	..	..	..	..	..	..	5·391	..
1924	5·282	5·140	5·185	4·849	4·572	4·547	4·534	4·677	4·758	4·918	5·229	..	..
1929	..	5·131	5·212	4·941	4·571	4·499	4·424	4·570	4·846	5·224	5·387	5·208	..
1930	5·227	..	..	..	..	..	..	..	..	..	..	..	..

NETHERLANDS EAST INDIES

§ 1. *Authorities.*

1. Department van Verkeer en Waterstaat, Bandoeng.

§ 2. *Apparatus.*

1. Recording gauge of type:

   a. Hasler, Bern.
   b. Olland.
   c. Ott I.
   d. Ott-Olland.
   e. Ott-Sambesi.
   f. Ott-Ganser.
   g. Richard, Paris.

2. Pole.

   a. 24 readings per day, at hours 0, 1, 2, 3, . . . 23.
   b. 13 readings per day, at hours 2, 5, 6, 7, 8, . . . 18, 20, 23.
   c. 12 readings per day, at hours 6, 7, 8, . . . 17.

§ 3. *Datums.*

The datums are local.

The bench-marks are as follows:—

Palembang. Koperen bout in betonneut op terrein Gasfabriek (Zuid-Oostelijke hoek).

Peradjin. Koperen bout aan een ingeheide djati houten paal van 8 × 12 cm.

Oepang. Koperen bout Ø 1¼″ in bovenvlak betonnen neut 10 m. benoorden Kantoor nabij steiger.

Soengsang. Koperen bout Ø 1¼″ in bovenvlak betonnen neut ± 25 m. *achter* het huisje v/h zelfregistreerende peilschaal-instrument.

Belawan. Yzeren bout Ø 2 cm. in den kop van de gefundeerde steenen pilaar aan de Westzijde der koeliewoningen der Deli Spoorweg Maatschappij.

Sibolga. Kop van den triangulatiepaal van den Topografischen Dienst.

Emmahaven (*Padang*). Kraanrail.

Benkoelen. Parr. Monument; Oostelijk zijvlak uitgebouwd voetstuk *ijzeren bout.*

Plaboean Ratoe. Bout van het T(ertiair) T(riangulatie) punt No. 260 van den Topografischen Dienst.

Tjilatjap. Yzeren bout in Noord-Oostelijke hoek opslagloods I.

Patjitan. Kop van een betonnen neut 47 × 44 × 50; ijzeren bout □ 2 cm., gelijk met kop neut, ± 6 m. uit de Oostzijde van het damhoofd.

Djamoenrif. Als bij Sembilangan.

Sembilangan. Dam Oedjoeng Piring (Worteleinde) neut.

Soerabaja. Marine-etablissement. Bovenkant yzeren bout, overeenkomende met den groef in de ingemetselde marmeren plaat in den Noordgevel van een steenen loods der Gouvernements Marine.

Semarang. Koperen bout in kantoor Havendirectie Oostelijke muur.

Pekalongan. Bovenkant van een koperen bout in de Oostzijde van de triangulatie-pilaar van den Topografischen Dienst.

Tegal. Bovenkant van een koperen bout in den Noordelijken muur v/h Waterstaatskantoor.

Cheribon. Bovenvlak van een koperen bout in het bovenvlak van de fundeering van den Vuurtoren.

Tandjong-Priok. Koperen plaat in kademuur tegenover Peilschaalhuisje.

Batavia. Kademuur te Pasar Ikan. Ingemetselde marmeren plaat; groef met uitgehakt hoogtecijfer, Westelijke oever van het oude havenkanaal.

Pontianak. Bovenvlak van een ijzeren bout in een gemetselde pilaar, staande op het exercitie-veld tegenover de Officierswoningen (Astronomisch station).

Bandjermasin. Groef-betonnen plaat in de gemetselde vierk. neut a/d Westelijk kant van de straat "Noordeinde" voor het Militaire Kampement gemerkt B.P.

Makassar. Fort Rotterdam Zuid Westelijk bastion: buitenzijde ingehakte *horizontale groef.*

Manado. Bovenkant kop van een verticale bout, gemetseld in neut in N.O. hoek van het voormalig matrozen verblijf.

NETHERLANDS EAST INDIES

TABLE A: Stations, Authorities and Conditions

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums, § 3		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
			§ 1	§ 1	§ 1	§ 2			p. 10		cm.		
Soengsang	2 20 S.	104 45 E.	1	1	1	1*f*	..	..	4*d*	..	− 449·3	1928–31	..
Oepang	2 45 ,,	104 58 ,,	1	1	1	1*a*	..	..	4*d*	..	− 516·7	1928–31	..
Prigi-Radja	0 15 ,,	103 15 ,,	1	1	1	2*b*	..	..	4*d*	..	..	1929–31	..
Tambilahan	0 20 ,,	103 09 ,,	1	1	1	2*b*	..	..	4*d*	..	..	1928–30	..
Bengkalis	1 28 N.	102 08 ,,	1	1	1	1*c*	..	..	4*d*	..	..	1929–31	..
Belawan	3 55 ,,	98 43 ,,	1	1	1	1*c*	..	..	4*d*	..	− 407·8	1925–31	..
Sibolga	1 44 ,,	98 46 ,,	1	1	1	1*c*	..	..	4*d*	..	− 300·0	1930–1	..
Emmahaven (Padang)	0 58 S.	100 20 ,,	1	1	1	1*d*	..	..	4*d*	..	− 160·0	1925–31	..
Benkoelen	3 47 ,,	102 15 ,,	1	1	1	1*e*	..	..	4*d*	..	−1133·6	1925–31	..
Kroë	5 11 ,,	103 55 ,,	1	1	1	1*g*	..	..	4*d*	..	..	1929–31	..
Oosthaven	5 27 ,,	105 16 ,,	1	1	1	1*a*	..	..	4*d*	..	..	1930–1	..
Plaboean-Ratoe	7 00 ,,	106 30 ,,	1	1	1	1*c*	..	..	4*d*	..	− 415·3	1928–31	..
Tjilatjap	7 44 ,,	109 00 ,,	1	1	1	1*c*	..	..	4*d*	..	− 378·1	1925–31	..
Patjitan	8 12 ,,	111 05 ,,	1	1	1	1*c*	..	..	4*d*	..	− 400·0	1928–31	..
Djamoeanrif	6 58 ,,	112 45 ,,	1	1	1	1*b*	..	..	4*d*	..	− 94·9	1925–31	..
Sembilangan	7 06 ,,	112 42 ,,	1	1	1	1*b*	..	..	4*d*	..	− 94·9	1925–31	..
Soerabaja	7 12 ,,	112 36 ,,	1	1	1	1*b*	..	..	4*d*	..	− 108·7	1925–31	..
Toeban	6 53 ,,	112 03 ,,	1	1	1	1*c*	..	..	4*d*	..	..	1929–31	..
Semarang	7 00 ,,	110 24 ,,	1	1	1	1*e*	..	..	4*d*	..	− 200·4	1925–31	..
Pekalongan	6 52 ,,	109 40 ,,	1	1	1	2*a*	..	..	4*d*	..	− 236·3	1926–31	..
Tegal	6 51 ,,	109 07 ,,	1	1	1	2*a*	..	..	4*d*	..	− 200·0	1926–31	..
Cheribon	6 43 ,,	108 34 ,,	1	1	1	1*c*	..	..	4*d*	..	− 412·1	1925–31	..
Tandjong-Priok	6 06 ,,	106 54 ,,	1	1	1	1*c*	..	..	4*d*	..	− 200·0	1925–31	..
Batavia	6 10 ,,	106 40 ,,	1	1	1	1*d*	..	..	4*d*	..	− 95·0	1927–31	..
Pontianak	0 01 ,,	109 18 ,,	1	1	1	2*c*	..	..	4*b*	..	− 200·0	1928–31	..
S. Moesang Ketjil	3 30 ,,	114 30 ,,	1	1	1	1*c*	..	..	4*d*	..	..	1930–1	..
Bandjermasin	3 18 ,,	114 36 ,,	1	1	1	2*a*	..	..	4*d*	..	0·0	1927–31	..
Makassar	5 06 ,,	119 24 ,,	1	1	1	1*c*	..	..	4*d*	..	0·0	1925–31	..
Manado	1 32 N.	124 50 ,,	1	1	1	1*g*	..	..	4*d*	..	− 300·0	1927–31	..
Amboina	3 42 S.	128 12 ,,	1	1	1	1*c*	..	..	4*d*	..	..	1929–31	..

TABLE B: Monthly and Annual Mean Heights of Sea-Level

SOENGSANG. The mean values increase upwards; the unit is 1 centimetre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1928	233·7	231·3	219·1	225·3	222·6	218·8	206·4	201·8	206·3	225·7	224·5	239·3	221·2
1929	235·7	225·6	226·2	218·4	212·8	209·5	200·8	203·8	208·2	216·8	225·8	226·6	217·5
1930	232·8	232·8	231·2	223·9	217·9	214·9	206·4	208·5	199·5	209·2	209·6	209·4	216·4
1931	228·7	227·6	222·8	215·8	222·3	218·5	214·2	204·9	212·0	230·4	246·0	256·5	225·0

OEPANG. The mean values increase upwards; the unit is 1 centimetre.

1928	..	..	..	..	279·1	260·7	250·2	264·4	261·8	262·7	289·1	311·5	(272·4)
1929	..	..	314·6	305·2	287·4	260·7	247·7	250·0	260·5	272·8	294·6	..	(277·1)
1930	325·2	..	329·9	309·6	302·4	276·9	254·0	256·2	264·2	283·6	289·3	300·0	(290·1)
1931	315·2	316·4	314·0	307·1	305·2	281·0	267·1	256·2	271·1	284·5	312·7	322·4	296·1

( ), the enclosed mean values have been calculated from an incomplete series of observations.

NETHERLANDS EAST INDIES

TABLE B—*continued.*

PRIGI-RADJA. The mean values increase upwards; the unit is 1 centimetre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1929	..	..	..	..	..	..	..	356·4	361·9	365·6	378·6	371·8	(366·9)
1930	371·9	371·9	377·7	360·9	358·5	365·8	357·1	363·6	366·4	372·0	373·3	371·5	367·6
1931	373·0	371·4	366·1	361·4	361·1	361·8	362·8	359·7	365·2	375·1	379·5	382·0	368·3

TAMBILAHAN. The mean values increase upwards; the unit is 1 centimetre.

1928	334·6	323·7	332·8	317·6	314·6	313·1	307·2	304·1	313·0	330·8	337·5	345·8	322·9
1929	334·6	323·7	332·8	317·6	314·6	313·1	307·2	304·1	313·0	318·1	328·6	334·8	320·2
1930	339·5	339·3	344·6	328·0	330·2	317·1	321·7	323·4	321·0	328·8	339·7	325·3	329·9

BENGKALIS. The mean values increase upwards; the unit is 1 centimetre.

1929	..	..	..	..	..	..	..	..	..	..	..	319·4	..
1930	314·5	312·4	314·6	312·6	323·8	322·9	317·6	321·0	321·9	325·9	331·9	327·9	320·6
1931	318·4	313·5	309·7	316·3	325·5	319·2	322·0	319·7	318·2	330·8	334·0	327·5	321·2

BELAWAN. The mean values increase upwards; the unit is 1 centimetre.

1925	180·3	178·9	177·8	183·3	186·4	180·9	184·1	187·6	184·2	183·3	178·7	181·8	182·3
1926	179·6	163·9	174·6	178·9	193·5	195·3	189·1	189·7	178·1	183·9	177·6	184·1	182·4
1927	184·9	175·6	185·5	194·7	204·6	198·6	195·5	193·4	194·4	198·3	195·6	184·8	192·2
1928	172·8	173·6	181·1	188·0	189·7	200·8	206·2	195·0	193·2	201·2	190·5	182·8	189·6
1929	180·2	169·6	172·3	178·7	197·2	191·2	188·1	192·1	188·9	189·1	189·2	170·8	184·0
1930	167·4	168·3	..	180·3	200·3	195·8	192·8	191·8	191·9	191·5	198·0	191·0	(188·1)
1931	176·8	172·3	171·2	189·2	199·5	198·1	191·8	193·8	186·7	199·6	200·6	187·8	188·5

SIBOLGA. The mean values increase upwards; the unit is 1 centimetre.

1930	53·7	58·8	67·7	62·1	76·0	67·6	60·8	61·7	60·1	68·2	70·9	66·2	64·5
1931	55·2	49·8	48·1	57·2	72·4	67·6	57·6	55·7	55·8	64·8	69·4	64·2	59·4

EMMAHAVEN (PADANG). The mean values increase upwards; the unit is 1 centimetre.

1925	5·7	− 0·1	− 0·5	3·2	5·3	− 8·0	− 4·8	− 1·1	− 6·3	− 2·4	− 2·2	1·0	− 0·8
1926	− 7·9	−15·6	− 8·1	− 6·7	5·0	2·1	9·1	6·2	3·6	11·2	6·1	3·2	0·7
1927	3·3	− 7·3	3·2	7·7	14·6	10·5	9·7	5·2	13·0	12·8	19·2	6·2	8·2
1928	− 0·9	3·5	6·8	17·4	11·5	16·8	19·6	8·8	9·9	20·7	13·0	15·1	11·8
1929	8·7	− 0·1	3·6	5·7	22·5	8·2	4·3	12·9	8·8	9·9	17·8	1·0	8·6
1930	− 2·3	2·0	9·1	6·2	23·4	15·4	7·1	6·0	2·3	9·1	12·7	7·0	8·2
1931	− 5·7	−11·3	−12·5	− 2·2	19·6	15·1	10·0	6·0	7·3	16·0	23·4	17·3	6·9

( ), the enclosed mean values have been calculated from an incomplete series of observations.

NETHERLANDS EAST INDIES

TABLE B—*continued.*

BENKOELEN. The mean values increase upwards; the unit is 1 centimetre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1925	167·2	161·1	158·6	161·5	163·7	146·8	151·1	154·8	151·0	154·0	154·9	161·8	157·2
1926	161·1	152·4	155·4	161·7	166·8	160·6	158·5	156·3	152·8	164·4	160·5	159·3	159·2
1927	155·5	140·8	154·1	156·1	158·3	141·4	156·3	150·8	160·8	157·3	169·7	156·0	155·0
1928	149·8	151·3	151·4	169·0	172·0	179·2	185·1	165·7	166·6	184·1	179·1	169·2	168·8
1929	156·0	140·7	147·4	151·6	175·1	152·3	150·3	154·7	146·7	148·5	157·5	140·6	151·8
1930	139·8	144·0	148·8	147·1	164·4	157·4	149·5	153·9	156·5	163·5	159·9	166·8	154·3
1931	154·2	145·8	144·9	153·5	169·9	161·6	155·2	149·0	151·8	160·9	169·5	160·2	156·4

KROË. The mean values increase upwards; the unit is 1 centimetre.

1929	..	..	..	..	..	..	..	..	..	..	104·0	92·0	(98·0)
1930	87·1	94·4	97·1	91·5	110·5	103·1	94·5	93·5	96·1	104·5	114·2	107·6	99·5
1931	91·7	88·9	94·7	101·0	116·6	106·6	99·2	92·4	94·2	115·6	113·0	99·4	101·1

OOSTHAVEN. The mean values increase upwards; the unit is 1 centimetre.

1930	..	..	..	..	..	..	..	..	194·2	196·3	209·6	212·0	(203·0)
1931	194·0	188·9	193·9	199·4	208·8	201·8	198·5	191·8	188·5	203·9	215·8	205·8	199·3

PLABOEAN-RATOE. The mean values increase upwards; the unit is 1 centimetre.

1928	..	..	..	..	..	..	..	..	..	..	129·3	146·3	(137·8)
1929	141·5	134·3	135·7	133·4	144·8	126·4	105·3	128·0	119·0	125·5	138·5	130·5	130·2
1930	131·6	141·8	142·7	141·2	156·2	143·1	127·4	127·1	127·9	132·9	146·3	150·3	139·0
1931	136·1	133·0	136·6	140·0	150·8	141·2	134·6	131·6	132·9	148·3	163·6	154·4	141·9

TJILATJAP. The mean values increase upwards; the unit is 1 centimetre.

1925	197·6	198·3	189·4	190·9	185·1	156·4	163·6	158·7	160·5	165·5	171·0	185·4	176·9
1926	189·0	179·2	188·4	185·7	193·0	176·3	166·7	165·0	158·5	176·8	188·7	199·8	180·6
1927	201·6	183·2	198·9	194·5	201·6	186·7	183·7	170·7	174·9	183·2	195·4	188·3	188·6
1928	182·0	192·6	196·8	199·6	181·4	187·7	189·6	178·7	174·8	192·5	191·4	199·2	188·9
1929	200·2	187·4	192·8	185·3	194·7	175·2	158·0	175·4	164·3	172·2	186·1	178·3	180·8
1930	180·1	191·0	190·1	186·9	202·9	186·5	171·4	177·9	171·3	175·9	192·6	202·4	185·8
1931	184·6	185·4	187·0	190·0	199·5	187·9	180·2	170·1	168·6	186·6	206·3	199·2	187·1

PATJITAN. The mean values increase upwards; the unit is 1 centimetre.

1928	100·0	111·8	112·5	110·6	98·9	109·0	118·8	104·5	97·5	115·7	101·4	111·3	107·7
1929	111·8	95·4	104·1	92·2	97·7	80·1	67·4	85·6	75·7	84·7	80·9	81·7	94·5
1930	86·9	98·5	95·5	93·3	106·4	91·8	82·0	87·8	81·2	88·6	104·4	113·9	94·5
1931	94·9	95·3	97·4	101·4	107·2	94·4	73·4	69·2	67·3	91·6	109·2	103·1	92·0

DJAMOEANRIF. The mean values increase upwards; the unit is 1 centimetre.

1925	129·5	123·6	127·9	127·3	125·0	130·9	136·8	137·2	138·6	138·7	135·7	137·5	133·0
1926	137·0	137·0	137·1	132·3	123·9	126·6	133·5	137·3	136·8	135·2	130·0	130·5	133·1
1927	127·3	129·6	126·1	119·8	117·9	125·2	129·3	134·4	133·1	134·5	130·8	133·4	128·4
1928	136·9	..	129·6	125·3	120·0	121·5	124·8	127·6	130·8	128·2	128·0	129·9	(127·5)
1929	123·5	132·2	132·8	126·0	123·7	126·9	137·0	135·0	135·2	133·1	130·6	135·9	131·0
1930	131·6	131·7	127·4	123·4	118·2	124·9	133·4	133·6	134·9	133·9	130·9	134·3	129·8
1931	139·4	131·4	133·6	128·7	117·2	118·1	124·8	129·2	133·4	128·1	122·7	128·5	127·9

( ), the enclosed mean values have been calculated from an incomplete series of observations.

NETHERLANDS EAST INDIES

TABLE B—*continued.*

SEMBILANGAN. The mean values increase upwards; the unit is 1 centimetre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1925	122·4	122·4	121·9	119·9	119·6	126·5	132·0	132·3	134·1	134·5	131·4	133·5	127·6
1926	135·5	134·0	133·1	126·4	115·2	117·7	124·5	128·2	127·7	126·8	121·6	124·9	126·3
1927	124·0	126·9	122·9	116·5	113·8	120·1	124·8	130·2	129·6	130·1	128·1	130·6	124·8
1928	134·4	134·0	129·9	124·9	119·7	120·9	124·2	127·3	131·3	128·5	128·5	129·9	127·8
1929	123·8	131·5	132·8	124·4	120·3	124·0	134·3	133·6	135·3	133·7	130·3	134·8	129·9
1930	136·0	134·7	125·5	121·6	115·8	121·9	131·5	132·2	133·9	133·7	130·1	132·2	129·1
1931	132·3	129·9	132·4	127·1	116·0	117·0	123·1	127·6	132·2	127·9	122·9	127·2	126·3

SOERABAJA. The mean values increase upwards; the unit is 1 centimetre.

1925	115·4	114·1	114·6	111·6	109·9	115·6	119·9	121·1	123·4	124·7	121·6	123·3	118·0
1926	126·1	128·8	124·8	118·3	109·2	112·0	118·6	121·9	122·7	..	119·7	119·1	(120·1)
1927	117·6	120·9	116·7	109·5	108·0	113·3	117·9	122·3	121·5	121·5	119·5	123·4	117·7
1928	118·1	123·1	123·7	118·7	113·2	114·8	117·5	120·3	125·2	122·9	123·2	124·1	120·4
1929	120·1	129·1	129·8	121·7	117·9	121·0	131·4	129·6	130·9	129·7	126·1	130·5	126·5
1930	132·0	131·5	122·0	117·4	111·7	118·1	126·9	127·7	130·0	130·9	127·1	128·3	125·3
1931	130·9	128·2	130·5	124·4	113·5	114·1	120·6	124·3	129·6	125·5	118·0	122·2	123·5

TOEBAN. The mean values increase upwards; the unit is 1 centimetre.

1929	..	..	..	..	..	..	..	..	..	..	106·5	100·8	(103·6)
1930	100·1	103·2	111·7	116·1	121·8	115·4	106·2	105·2	104·2	105·7	110·1	106·7	108·9
1931	110·3	114·2	110·2	115·4	128·1	126·8	121·1	116·3	111·2	116·0	121·6	118·2	117·4

SEMARANG. The mean values increase upwards; the unit is 1 centimetre.

1925	28·0	26·2	27·3	29·4	34·3	29·0	18·9	25·4	20·2	18·4	22·3	18·5	24·8
1926	17·1	13·1	9·9	18·7	28·5	29·3	23·3	19·7	21·4	23·2	23·1	23·9	20·9
1927	25·9	24·0	25·5	35·1	37·2	32·3	27·6	23·4	28·8	27·9	27·0	24·7	28·3
1928	21·6	24·0	24·8	30·1	34·2	35·4	29·9	28·1	23·7	25·7	24·1	24·7	27·2
1929	30·4	23·9	23·3	28·3	31·5	29·0	20·0	23·7	23·7	21·9	26·0	21·1	25·2
1930	16·6	17·7	23·9	30·0	36·8	32·7	26·1	23·0	22·9	23·6	25·4	21·6	25·0
1931	22·3	24·5	18·8	24·3	35·5	38·2	33·4	27·6	23·8	26·9	33·9	28·8	28·2

PEKALONGAN. The mean values increase upwards; the unit is 1 centimetre.

1926	41·5	42·0	39·7	46·1	55·6	56·3	49·3	44·5	44·7	46·1	47·4	47·4	46·7
1927	50·5	47·9	53·3	60·0	60·3	59·2	54·2	50·5	54·4	50·3	49·9	49·1	53·3
1928	45·1	46·6	49·7	52·9	63·2	58·7	55·3	53·7	48·3	50·9	50·6	51·2	52·2
1929	54·2	46·1	47·8	55·0	57·3	54·2	42·5	44·6	44·3	44·9	46·6	43·0	48·4
1930	41·6	43·1	52·9	53·8	62·9	59·3	49·4	46·9	45·6	46·1	46·6	43·1	49·3
1931	43·7	48·1	43·8	49·4	59·8	60·3	55·3	49·0	45·2	49·2	53·1	51·0	50·7

TEGAL. The mean values increase upwards; the unit is 1 centimetre.

1926	46·9	45·9	47·6	56·7	66·3	64·4	60·4	56·7	55·5	54·9	53·8	49·8	54·9
1927	52·3	54·5	60·8	68·4	74·7	72·4	64·6	60·7	61·9	60·5	55·1	49·5	61·3
1928	46·2	51·0	58·0	57·3	67·0	67·7	64·1	62·6	57·8	55·8	53·5	52·6	57·8
1929	55·6	49·5	52·5	59·4	65·7	73·1	57·8	59·0	59·1	56·3	53·3	46·8	57·3
1930	45·4	48·2	57·3	62·5	70·0	66·7	59·3	58·1	55·6	52·8	50·3	46·2	56·0
1931	47·1	60·6	55·4	63·9	72·6	76·1	71·9	66·9	62·3	63·6	66·7	59·0	63·8

( ), the enclosed mean values have been calculated from an incomplete series of observations.

NETHERLANDS EAST INDIES

TABLE B—*continued.*

CHERIBON. The mean values increase upwards; the unit is 1 centimetre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1925	..	..	..	..	..	..	..	..	156·7	158·5	161·2	155·7	(158·0)
1926	149·4	148·0	151·0	157·5	168·4	168·7	164·4	159·8	159·7	165·0	167·1	160·5	160·0
1927	160·3	162·1	166·1	174·8	176·5	172·8	169·3	164·6	168·4	165·5	165·2	161·0	167·2
1928	157·6	157·7	161·1	167·6	176·8	175·9	..	169·6	164·4	166·1	165·4	165·0	(166·1)
1929	161·9	157·4	155·8	168·3	172·7	168·2	156·7	161·4	160·5	160·3	162·9	155·9	161·8
1930	153·9	153·7	164·6	168·7	171·7	169·6	159·7	159·3	157·2	157·9	157·6	152·4	160·5
1931	153·3	156·4	147·9	155·1	165·8	168·9	165·6	159·4	153·9	157·7	160·4	157·7	158·5

TANDJONG-PRIOK. The mean values increase upwards; the unit is 1 centimetre.

1925	55·0	51·8	48·8	49·5	56·1	39·4	36·9	40·8	..	49·5	54·6	51·9	(48·6)
1926	43·7	47·1	45·9	47·8	62·6	63·7	57·4	54·5	55·0	55·0	56·5	49·6	53·2
1927	46·9	52·0	54·9	65·7	67·0	63·0	60·4	57·7	61·3	56·4	54·9	51·4	57·6
1928	48·1	47·2	49·5	54·9	65·6	65·5	62·2	61·0	59·9	62·4	57·0	52·7	57·2
1929	50·5	46·4	44·7	57·2	63·7	59·6	50·8	55·6	54·0	52·8	55·6	45·4	53·0
1930	43·0	45·7	54·6	59·4	67·6	65·4	57·6	57·4	55·0	56·1	54·6	46·6	55·2
1931	47·1	51·0	43·9	52·6	64·9	66·8	64·1	59·8	56·2	58·2	59·3	58·8	56·9

BATAVIA. The mean values increase upwards; the unit is 1 centimetre.

1927	..	..	..	60·4	61·1	57·3	..	53·4	58·2	53·4	51·8	45·3	(55·1)
1928	42·4	41·0	44·9	52·6	62·8	60·8	56·7	55·1	52·2	52·0	50·0	46·3	51·4
1929	44·9	38·6	36·7	51·1	57·8	54·3	46·1	51·8	49·9	49·4	51·6	41·5	47·8
1930	38·4	41·5	48·3	52·4	61·6	59·9	50·4	51·0	49·9	51·2	48·5	42·7	49·6
1931	42·4	45·3	37·4	46·5	55·9	58·8	..	56·3	50·7	52·5	54·5	50·4	(50·1)

PONTIANAK. The mean values increase upwards; the unit is 1 centimetre.

1928	113·0	123·5	143·7	152·4	170·2	171·6	167·3	163·5	144·6	123·6	119·5	106·5	141·6
1929	103·6	115·2	135·0	156·4	162·6	180·5	190·1	175·7	146·3	132·0	100·7	100·4	141·5
1930	97·7	122·2	125·1	137·8	166·0	174·5	178·6	170·6	151·2	115·4	95·1	87·6	135·2
1931	97·6	112·5	126·9	146·9	155·9	169·5	162·0	155·5	133·9	104·7	..	79·6	(131·4)

S. MOESANG-KETJIL. The mean values increase upwards; the unit is 1 centimetre.

1930	..	..	..	..	..	..	..	..	..	..	170·8	183·0	(176·9)
1931	178·1	178·0	177·0	173·2	175·1	170·8	166·9	160·6	160·7	168·6	183·2	186·8	173·2

BANDJERMASIN. The mean values increase upwards; the unit is 1 centimetre.

1927	274·4	269·4	266·2	265·0	261·4	245·6	245·2	237·1	241·7	247·4	261·7	278·9	257·8
1928	280·7	281·0	276·3	276·4	262·4	258·6	257·2	249·6	246·9	270·4	290·0	306·6	271·3
1929	320·9	311·4	311·8	302·4	294·3	288·0	280·3	283·6	280·9	288·7	300·4	315·0	298·1
1930	323·8	322·4	319·9	315·2	319·9	309·6	294·4	290·0	292·2	297·3	301·1	328·9	310·3
1931	328·7	328·3	327·9	323·3	329·2	320·4	315·7	304·9	303·5	312·1	328·5	340·1	321·9

( ), the enclosed mean values have been calculated from an incomplete series of observations.

NETHERLANDS EAST INDIES

TABLE B—*continued.*

MAKASSAR. The mean values increase upwards; the unit is 1 centimetre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1925	278·1	274·9	278·2	282·4	293·0	290·6	291·9	296·2	294·4	295·6	287·9	287·5	287·6
1926	290·5	292·9	295·8	297·3	299·7	306·1	304·9	308·2	308·4	303·7	293·7	289·5	299·2
1927	283·9	289·2	281·9	279·7	289·5	300·0	304·1	306·4	301·6	298·9	291·1	289·4	293·0
1928	286·2	280·2	277·4	285·0	299·2	300·6	301·3	301·4	300·2	294·1	291·1	285·7	291·9
1929	276·3	276·9	272·1	280·3	292·0	299·9	306·6	304·6	299·3	298·6	289·8	288·2	290·4
1930	293·0	284·8	289·7	297·1	301·6	306·0	310·2	313·2	..	307·5	308·0	302·2	(301·2)
1931	298·7	301·5	303·6	301·3	305·3	307·5	311·0	312·9	309·6	304·5	299·5	297·0	304·7

MANADO. The mean values increase upwards; the unit is 1 centimetre.

1927	146·8	144·9	151·3	150·6	144·1	134·7	133·1	124·9	126·0	128·2	132·2	138·6	138·0
1928	137·1	138·1	138·9	143·9	142·5	139·4	143·3	140·1	137·9	143·2	141·3	142·7	140·7
1929	146·0	139·5	142·0	143·9	137·2	138·9	139·8	135·5	135·7	137·5	138·5	137·6	139·3
1930	137·6	137·0	145·0	141·7	136·7	140·9	145·8	136·1	129·1	131·1	131·4	137·8	137·5
1931	132·0	128·1	128·8	131·9	138·2	136·3	133·6	138·1	138·0	140·3	143·4	142·6	135·9

AMBOINA. The mean values increase upwards; the unit is 1 centimetre.

1929	..	..	..	..	..	..	..	..	..	..	..	181·2	..
1930	182·4	188·3	190·5	183·1	175·3	173·5	168·6	166·4	166·3	169·8	172·0	176·1	176·0
1931	176·7	178·1	180·4	184·4	180·8	178·4	175·2	173·6	176·9	185·1	193·4	193·8	181·4

( ), the enclosed mean value has been calculated from an incomplete series of observations.

THAILAND (formerly SIAM)

§ 1. *Authorities.*

1. Royal Survey Department, Bangkok.
2. Hydrographic Service, Bangkok.
3. Liverpool Observatory and Tidal Institute.

§ 2. *Apparatus.*

1. Recording gauge of Thomson type.
2. Measuring tape.

§ 3. *Datums.*

Different measurements for the depth of the datum for Koh Hlak below the *Bench-mark A* have given the following results:—

cm.	*Period*
312·89	1910 Oct. 28 to 1911 Nov. 1
315·40	1911 Nov. 1 to 1912 Nov. 9
316·20	1912 Nov. 9 to 1913 Nov. 13
314·43	1913 Nov. 9 to 1914 Nov. 13
314·35	1914 Nov. 9 to 1915 Nov. 13

TABLE A: STATIONS, AUTHORITIES AND CONDITIONS

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums, § 3		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
			§ 1	§ 1	§ 1	§ 2	1:	cm./hr.	p.10				
Koh Hlak	11° 48′ N.	99° 49′ E.	1	1	3	1	10	2·54	1*a*	..	§ 3	1910–5	..
Bangkok Bar	13 29 ,,	100 34 ,,	2	2	2	2	..	..	1	..	..	1926–36	..

TABLE B: MONTHLY AND ANNUAL MEAN HEIGHTS OF SEA-LEVEL

KOH HLAK. The mean values increase upwards; the unit is 1 metre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1910	..	..	..	..	..	..	..	..	..	..	1·9049*i*	1·8928	..
1911	1·8269	1·8746	1·7056	1·6826	1·5681	1·4729	1·4467	1·4772	1·5573	1·7822	1·9800*i*	1·9608	1·6946
1912	1·8414	1·8535	1·7668	1·7600	1·5754	1·4924	1·4807	1·5188	1·5942	1·8084	1·9019*i*	1·9845	1·7148
1913	1·8770	1·8480	1·8282	1·6518	1·5830	1·5130	1·4333	1·5164	1·6052	1·7780	1·8822*i*	1·9019	1·7015
1914	1·8604	1·7440	1·7799	1·6652	1·5972	1·5028	1·4922	1·5047	1·6216	1·8111	1·8747*i*	1·8697	1·6936
1915	1·8784	1·7567	1·7757	1·7098	1·6224	1·5767	1·4948	1·4645	1·5274	1·6006	..	..	..

BANGKOK BAR. The mean values increase upwards; the unit is 1 metre.

1926	34·93	35·15	35·28	33·75	33·67	32·90	32·77	32·93	32·99	34·48	35·66	36·09	34·22
1927	36·12	35·48	35·74	34·67	32·24	32·65	33·74	33·53	35·44	35·55	36·09	36·03	34·77
1928	36·03	36·84	35·35	34·76	33·68	33·94	33·54	33·01	33·51	35·75	36·25	37·30	34·99
1929	36·78	36·73	36·70	35·62	34·47	33·63	34·48	34·13	34·00	34·72	36·59	35·72	35·29
1930	36·49	36·66	36·97	35·40	34·95	34·61	34·19	35·33	35·27	37·20	37·62	37·15	35·98
1931	37·66	37·83	37·25	36·80	36·14	35·96	35·41	35·13	36·21	36·79	37·93	38·42	36·79
1932	37·76	37·79	38·26	36·45	36·11	36·21	36·78	36·23	35·45	37·42	38·42	38·24	37·09
1933	39·43	38·04	38·29	37·53	37·27	35·09	35·79	36·79	36·51	37·59	39·10	38·49	37·49
1934	38·49	36·08	35·85	34·57	32·50	33·18	33·22	33·42	34·01	35·95	36·09	35·89	34·93
1935	36·10	36·40	35·72	34·95	34·00	33·48	33·56	34·28	33·84	35·50	36·73	36·96	35·12
1936	35·01	34·08	36·03	34·42	33·36	32·44	32·54	32·09	33·03	34·84	35·33	35·58	34·06

i, the mean values have been obtained by interpolation or inference.

CHINA

§ 1. *Authorities.*

1. Hydrographic Department, Admiralty, London.
2. Lower Liao River Conservancy Board.
3. Liverpool Observatory and Tidal Institute.

§ 2. *Apparatus.*

1. Recording gauge.

§ 3. *Datums.*

The datums are local.

The bench-marks are as follows:—

Hong Kong. A rifleman's copper bolt in the N.W. corner of one of the storehouses of H.M. Dockyard.

Shanghai. A monolith in the Wangpoo Conservancy Board's work-yard at Chang Wai Pang.

CHINA

TABLE A: Stations, Authorities and Conditions

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums, § 3		Periods	
							Ratio Height	Time Scale		Levelling System	Bench Marks	Table B	Table C
			§ 1	§ 1	§ 1	§ 2			p. 10		ft.		
Hong Kong	22° 18′ N.	114° 10′ E.	1	1	3	1	..	..	1*a*	..	-17·83	1929–30	..
Yang-tsi-kiang	30 49 ,,	122 38 ,,	1	1	3	1	..	..	1*a*	..	..	1923	..
Shanghai	31 24 ,,	121 30 ,,	1	1	3	1	..	..	1*a*	..	-16·75	1930	..
Newchwang	40 38 ,,	122 10 ,,	2	2	3	1	..	..	1*a*	..	..	1924–5	..

TABLE B: Monthly and Annual Mean Heights of Sea-Level

HONG KONG. The mean values increase upwards; the unit is 1 foot.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1929	..	..	..	..	3·828	3·537	3·945	3·984	4·420	4·767	4·417	3·902	..
1930	3·970	3·723	3·808	3·728	..	..	..	..	..	..	..	..	..

YANG-TSI-KIANG. The mean values increase upwards; the unit is 1 foot.

1923	9·179	9·207	9·092	9·359	9·682	9·861	9·983	9·991	10·496	10·043	9·672	9·279	9·654

SHANGHAI. The mean values increase upwards; the unit is 1 foot.

1930	6·394	7·000	7·113	7·447	7·690	8·187	8·387	8·047	8·321	8·014	7·413	7·225	7·603

NEWCHWANG. The mean values increase upwards; the unit is 1 foot.

1924	..	11·538	11·905	12·229	12·608	13·009	13·497	13·358	12·952	12·598	12·044	11·826	12·506
1925	12·087	..	..	..	..	..	..	..	..	..	..	..	12·471

KOREA (JAPAN)

§ 1. *Authorities.*

1. Imperial Military Land Survey Department, Tokyo.

a. R. Sokuryobu: Tidal Record, 1932–33, p. 15.

§ 2. *Apparatus.*

1. Recording gauge of type:

a. Thomson.

TABLE A: Stations, Authorities and Conditions

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
			§ 1	§ 1	§ 1	§ 2	1:		p. 10				
Genzan	39° 10′ N.	127° 27′ E.	1*a*	1	1	1*a*	10	..	2*a*	..	..	1932–3	..

TABLE B: Monthly and Annual Mean Heights of Sea-Level

GENZAN. The mean values increase upwards; the unit is 1 metre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1932	1·768	1·687	1·733	1·654	1·562	1·486	1·441	1·403	1·446	1·528	1·604	1·667	1·581
1933	1·734	1·732	1·755	1·697	1·619	1·506	1·469	1·392	1·448	1·574	1·656	1·600	1·600

JAPAN

§ 1. *Authorities.*

1. Imperial Military Land Survey Department, Tokyo.
   - *a.* R. Sokuryobu: The results of determination of sea-level. (In Japanese, 1925.)
   - *b.* R. Sokuryobu: Tidal Record, 1900–33.
2. Imperial Marine Observatory, Kobe.
   - *a.* K. Hidaka: Harmonic tidal constants at several ports in Japan. Memoirs, vol. 3, pp. 167–177. (1929.)
3. S. Hirayama: Results of the harmonic analysis of tidal observations made at various ports of Japan. Journ. Coll. Sci. I. Univ. Tokyo, vol. 28 (7). (1911.)
4. Y. Toyohura:
   - *a.* On the tides and seiches of Osaki Bay. Mem. Coll. Sci. I. Univ. Kyoto, vol. 15, pp. 157–166. (1932.)
   - *b.* On the annual variation of sea-level of Osaki Wan. Rep. Jap. Ass. Sci., vol. 9, No. 1, pp. 33–40. (In Japanese, 1934.)
5. Matsuyama Meteorological Observatory.
6. Kyoto Imperial University.

§ 2. *Apparatus.*

1. Recording gauge of type:
   - *a.* Thomson.
   - *b.* Richard.
   - *c.* Bailey.

§ 3. *Datums.*

The standard surface of the Japanese system of precision levelling was determined after taking sea-level observations at Reiganzima, near the mouth of the River Sumida, Tokyo, from June 1873 to December 1879. It is referred to as *Mean Sea-Level of Tokyo Bay*.

The last column of Table B gives the depth of the yearly mean sea-level below the local bench-mark.

JAPAN

TABLE A: Stations, Authorities and Conditions

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations: Height Ratio	Apparatus for Observations: Time Scale	Methods of Reduction	Datums, §3: Levelling System	Datums, §3: Bench Marks	Periods: Table B	Periods: Table C
			§ 1	§ 1	§ 1	§ 2	1:	p. 10	cm.	cm.		
Hukabori	32° 41′ N.	129° 49′ E.	1*a* 3	1 1	1 3	1*b* ..	.. ..	2*a* 1	.. 421·1	.. 116·4	1900–24 ..	.. 1897–9, 1901, 1905
Hamada (Tonoura)	34 55 ,,	132 04 ,,	1*a* 3	1 1	1 3	1*a* ..	10 ..	2*a* 1	.. ..	.. 112·5	1900–24 ..	.. 1895–6, 1901–4
Sakai	35 33 ,,	133 14 ,,	2*a*	2	2*a*	1*b*	..	1	..	−323·9	..	1926
Wazima	37 24 ,,	136 54 ,,	1*a*, 1*b* 3	1 1	1 3	1*a* ..	10 ..	2*a* 1	.. 394·3	.. 123·9	1900–33 ..	.. 1901–5
Iwasaki	40 35 ,,	139 55 ,,	1*a* 3	1 1	1 3	1*a* ..	10 ..	2*a* 1	.. 547·3	.. 222·9	1900–24 ..	.. 1902–7
Otaru (Osyoro)	43 13 ,,	141 03 ,,	1*a*, 1*b* 3	1 3	1 3	1*a* ..	10 ..	2*a* ..	.. ..	.. ..	1906–33 ..	.. 1902–3
Honto	46 41 ,,	141 51 ,,	1*a*, 1*b*	1	1	1*a*	20	2·5	2*a*	..	..	1922–33	..
Hanasaki	43 17 ,,	145 35 ,,	1*a* 3	1	1 3	1*a*	10	.. ..	2*a*	.. ..	..	1900–24 ..	.. 1897, 1899–1902
Aikawa	38 18 ,,	141 30 ,,	1*a*, 3	1 1	1 3	1*a*	10	..	2*a*	.. 352·8	1900–24 75·9	..	.. 1894–5, 1903–4, 1906
Yokohama	35 29 ,,	139 39 ,,	3	1	3	1*b*	..	..	1	..	..	..	1900–5
Aburatubo	35 09 ,,	139 37 ,,	1*a*, 1*b* 3	1 1	1 3	1*a* ..	10 ..	..	2*a* 1	.. 359·6	.. − 3·9	1900–33 ..	.. 1895–8, 1904
Toba	34 29 ,,	136 51 ,,	2*a*	2	2*a*	1*a*	10	..	1	..	−595·4	..	1927
Kusimoto	33 28 ,,	136 47 ,,	1*a* 3	1 1	1 3	1*a* ..	10 ..	..	2*a* 1	.. 384·8	.. 51·5	1900–24 ..	.. 1897–9, 1904–5
Sumotu	34 07 ,,	135 08 ,,	2*a*	2	2*a*	1*b*	..	..	..	..	−450·0	..	1927–8
Osaki Wan	34 08 ,,	135 08 ,,	4*a*, 4*b*	6	4	1*a*	10	..	1	..	..	1926–33	..
Kobe	34 41 ,,	135 11 ,,	3	1	3	1*c*	10	..	1	..	..	..	1900–4, 1906
Uwazima	33 13 ,,	132 32 ,,	2*a*	5	2*a*	1*b*	..	..	1	..	−450·0	..	1927–8
Hososima	32 25 ,,	131 40 ,,	1*a*, 1*b* 3	1 1	1 3	1*a* ..	10 ..	..	2*a* 1	.. 426·6	.. 174·0	1900–33 ..	.. 1895–7, 1906

TABLE B: Monthly and Annual Mean Heights of Sea-Level

HUKABORI. The mean values increase downwards; the unit is 1 metre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean	Below B.M.
1900	2·625	2·739	2·710	2·592	2·546	2·533	2·445	2·304	2·390	2·473	2·520	2·660	2·541	2·856
1901	2·680	2·737	2·717	2·604	2·548	2·474	2·385	2·266	2·380	2·399	2·589	2·728	2·538	2·853
1902	2·751	2·816	2·687	2·651	2·494	2·455	2·487	2·384	2·332	2·462	2·565	2·559	2·556	2·871
1903	2·700	2·720	2·632	2·623	2·576	2·472	2·396	2·421	2·399	2·419	2·570	2·632	2·540	2·855
1904	2·743	2·714	2·638	2·620	2·617	2·469	2·360	2·315	2·336	2·439	2·605	2·702	2·547	2·863
1905	2·596	2·744	2·720	2·610	2·585	2·454	2·466	2·313	2·327	2·389	2·494	2·567	2·521	2·837
1906	2·708	2·671	2·631	2·601	2·521	2·467	2·404	2·379	2·359	2·389	2·491	2·706	2·526	2·834
1907	2·650	2·659	2·681	2·697	2·662	2·541	2·403	2·348	2·333	2·401	2·533	2·739	2·553	2·861
1908	2·705	2·629	2·692	2·688	2·590	2·529	2·530	2·378	2·384	2·493	2·535	2·798	2·580	2·888
1909	2·637	2·750	2·615	2·582	2·615	2·558	2·439	2·323	2·330	2·415	2·567	2·712	2·538	2·846
1910	2·614	2·707	2·698	2·675	2·519	2·516	2·427	2·198	2·367	2·441	2·613	2·674	2·536	2·846
1911	2·714	2·800	2·580	2·592	2·585	2·501	2·394	2·330	2·300	2·384	2·570	2·626	2·526	2·838
1912	2·876	2·835	2·712	2·745	2·671	2·458	2·438	2·291	2·307	2·509	2·533	2·490	2·569	2·879
1913	2·585	2·650	2·642	2·639	2·573	2·381	2·371	2·236	2·373	2·439	2·575	2·758	2·512	2·822
1914	2·735	2·660	2·580	2·576	2·525	2·615	2·391	2·250	2·276	2·415	2·525	2·668	2·520	2·830
1915	2·674	2·648	2·674	2·568	2·536	2·480	2·434	2·393	2·425	2·478	2·459	2·764	2·546	2·856
1916	2·733	2·879	2·654	2·638	2·312	2·393	2·404	2·287	2·326	2·662	2·416	2·528	2·517	2·827
1917	2·587	2·776	2·826	2·703	2·610	2·496	2·433	2·310	2·358	2·418	2·562	2·649	2·557	2·867

TABLE B—*continued.*

HUKABORI—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean	Below B.M.
1918	2·777	2·699	2·717	2·673	2·589	2·522	2·382	2·349	2·353	2·422	2·577	2·616	2·555	2·865
1919	2·637	2·596	2·475	2·627	2·504	2·371	2·346	2·281	2·400	2·456	2·532	2·684	2·511	2·821
1920	2·741	2·635	2·779	2·735	2·620	2·506	2·362	2·360	2·353	2·396	2·510	2·570	2·547	2·879
1921	2·705	2·716	2·649	2·575	2·529	2·461	2·363	2·308	2·348	2·368	2·614	2·653	2·523	2·855
1922	2·736	2·651	2·709	2·567	2·471	2·377	2·350	2·268	2·230	2·328	2·288	2·481	2·454	2·786
1923	2·527	2·508	2·522	2·373	2·438	2·384	2·364	2·354	2·280	2·350	2·529	2·628	2·438	2·778
1924	2·676	2·639	2·663	2·562	2·561	2·415	2·365	2·235	2·396	2·377	2·513	2·575	2·494	2·834

HAMADA. The mean values increase downwards; the unit is 1 metre.

1900	2·204	2·313	2·286	2·215	2·102	2·114	1·955	1·865	1·998	2·031	2·088	2·189	2·110	2·553
1901	2·239	2·254	2·297	2·240	2·180	2·088	2·005	1·830	1·997	2·053	2·114	2·235	2·126	2·571
1902	2·290	2·379	2·302	2·290	2·132	2·101	2·067	2·018	1·984	2·096	2·189	2·175	2·167	2·612
1903	2·307	2·382	2·368	2·320	2·221	2·125	1·987	1·939	1·998	2·027	2·129	2·150	2·161	2·606
1904	2·307	2·321	2·308	2·284	2·200	2·030	1·972	1·887	1·931	2·029	2·116	2·180	2·129	2·571
1905	2·186	2·311	2·375	2·265	2·175	2·076	2·021	1·891	1·899	1·965	2·092	2·130	2·120	2·562
1906	2·242	2·197	2·240	2·209	2·154	2·098	2·015	2·006	1·984	2·042	2·144	2·244	2·131	2·573
1907	2·273	2·294	2·331	2·341	2·214	2·118	2·021	1·926	2·063	2·032	2·101	2·234	2·159	2·601
1908	2·262	2·252	2·303	2·387	2·186	2·057	1·895	1·943	1·995	2·121	2·143	2·271	2·140	2·582
1909	2·321	2·321	2·221	2·380	2·184	2·116	2·047	1·958	1·987	2·103	2·111	2·272	2·165	2·607
1910	2·192	2·313	2·301	2·312	2·167	2·060	1·995	1·854	2·053	2·121	2·129	2·223	2·144	2·599
1911	2·321	2·382	2·275	2·247	2·233	2·081	1·979	1·918	1·884	1·972	2·085	2·186	2·131	2·586
1912	2·263	2·243	2·284	2·256	2·167	2·063	2·015	1·936	1·959	2·087	2·117	2·113	2·125	2·580
1913	2·241	2·241	2·303	2·289	2·174	2·002	1·961	1·884	1·991	2·068	2·157	2·226	2·128	2·583
1914	2·276	2·308	2·209	2·222	2·144	2·026	1·903	1·840	1·878	1·972	2·060	2·151	2·081	2·536
1915	2·199	2·224	2·240	2·219	2·137	1·985	1·979	1·886	1·977	2·022	2·067	2·175	2·091	2·546
1916	2·231	2·278	2·256	2·222	2·106	1·990	1·902	1·892	1·968	2·077	2·094	2·110	2·093	2·544
1917	2·196	2·302	2·370	2·299	2·199	2·096	2·005	1·881	1·941	2·063	2·112	2·208	2·140	2·591
1918	2·336	2·360	2·354	2·308	2·197	2·105	1·962	1·913	1·931	2·005	2·038	2·157	2·133	2·584
1919	2·199	2·235	2·198	2·162	2·135	1·997	1·987	1·959	2·016	2·004	2·084	2·204	2·098	2·550
1920	2·256	2·339	2·403	2·341	2·207	2·116	1·983	1·983	2·029	2·065	2·107	2·175	2·166	2·619
1921	2·274	2·313	2·282	2·248	2·178	2·140	1·992	1·957	1·966	2·041	2·198	2·285	2·155	2·608
1922	2·335	2·311	2·312	2·213	2·138	1·996	1·945	1·911	1·925	2·023	2·044	2·196	2·112	2·565
1923	2·313	2·299	2·322	2·189	2·089	1·998	1·949	1·902	1·954	1·963	2·072	2·173	2·101	2·554
1924	2·261	2·238	2·289	2·220	2·176	2·034	1·957	1·896	2·037	2·021	2·061	2·137	2·109	2·562

WAZIMA. The mean values increase downwards; the unit is 1 metre.

1900	1·891	1·994	2·011	2·028	1·921	1·976	1·827	1·742	1·838	1·869	1·910	1·930	1·910	2·447
1901	2·040	2·000	2·108	2·111	2·007	1·925	1·845	1·699	1·834	1·913	1·885	1·919	1·940	2·477
1902	2·025	2·129	2·104	2·088	1·953	1·908	1·869	1·825	1·800	1·873	1·979	1·957	1·959	2·496
1903	2·030	2·103	2·138	2·085	1·983	1·880	1·787	1·772	1·871	1·891	1·909	1·922	1·949	2·477
1904	2·038	2·071	2·126	2·121	2·041	1·854	1·795	1·741	1·752	1·851	1·841	1·931	1·930	2·458
1905	1·974	2·074	2·218	2·091	1·993	1·915	1·852	1·734	1·729	1·771	1·859	1·886	1·924	2·452
1906	1·975	2·034	2·002	2·003	1·985	1·951	1·854	1·822	1·791	1·844	1·929	1·936	1·927	2·455
1907	2·036	2·047	2·126	2·144	1·998	1·954	1·886	1·763	1·885	1·871	1·901	1·929	1·961	2·489
1908	2·009	2·042	2·055	2·116	2·001	1·879	1·825	1·779	1·819	1·921	1·863	1·998	1·942	2·470
1909	2·033	2·045	2·111	2·029	2·011	1·948	1·866	1·806	1·815	1·869	1·893	1·991	1·951	2·479
1910	2·044	2·114	2·104	2·161	2·033	1·919	1·859	1·675	1·860	1·963	1·933	1·968	1·968	2·499
1911	2·072	2·132	2·086	2·061	2·084	1·911	1·794	1·800	1·742	1·782	1·869	1·923	1·937	2·468
1912	2·003	1·988	2·056	2·043	2·002	1·913	1·871	1·801	1·822	1·926	1·899	1·892	1·935	2·466
1913	1·949	1·996	2·075	2·122	2·013	1·861	1·811	1·734	1·837	1·931	1·967	2·001	1·941	2·472
1914	2·020	2·129	2·043	2·062	1·993	1·868	1·757	1·702	1·719	1·785	1·866	1·925	1·904	2·435
1915	1·937	1·997	1·986	2·044	1·969	1·862	1·832	1·729	1·827	1·859	1·880	1·930	1·905	2·436
1916	1·994	2·017	2·003	2·033	1·949	1·845	1·764	1·753	1·795	1·903	1·965	1·891	1·909	2·440
1917	1·880	2·015	2·102	2·093	2·002	1·941	1·857	1·745	1·774	1·870	1·842	1·834	1·912	2·440
1918	1·974	2·049	2·077	2·065	1·997	1·930	1·838	1·765	1·739	1·805	1·798	1·915	1·912	2·440
1919	1·904	1·959	1·985	1·947	1·954	1·839	1·861	1·795	1·839	1·817	1·890	1·930	1·893	2·421
1920	1·913	2·031	2·135	2·108	2·013	1·951	1·816	1·837	1·868	1·897	1·920	1·942	1·952	2·480
1921	2·012	2·042	2·026	2·027	2·004	1·990	1·830	1·810	1·826	1·891	1·868	1·942	1·938	2·466

TABLE B—*continued.*

WAZIMA—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean	Below B.M.
1922	2·005	2·025	2·046	2·047	2·001	1·857	1·763	1·710	1·746	1·816	1·697	1·861	1·880	2·409
1923	1·923	2·013	2·059	1·988	1·935	1·813	1·789	1·715	1·781	1·793	1·823	1·908	1·880	2·409
1924	1·978	2·004	2·086	2·051	1·993	1·873	1·805	1·746	1·894	1·888	1·832	1·939	1·924	2·453
1925	1·974	2·058	2·055	2·061	1·958	1·894	1·891	1·761	1·787	1·868	1·846	1·832	1·914	2·443
1926	1·949	2·023	2·017	2·007	1·974	1·913	1·812	1·644	1·695	1·823	1·890	1·844	1·881	2·410
1927	1·952	1·997	2·004	2·040	1·926	1·868	1·774	1·729	1·754	1·688	1·807	1·831	1·863	2·392
1928	1·736	1·768	1·740	1·791	1·781	1·730	1·703	1·622	1·708	1·773	1·839	1·806	1·749	2·278
1929	1·712	1·937	2·039	2·027	2·010	1·915	1·806	1·640	1·773	1·899	1·876	1·916	1·878	2·407
1930	2·578	2·510	2·456	2·427	2·356	2·217	2·171	2·217	2·323	2·290	2·250	2·271	2·338	..
1931	2·517	2·602	2·568	2·544	2·481	2·435	2·405	2·271	2·335	2·389	2·392	2·440	2·447	..
1932	2·562	2·560	2·601	2·570	2·471	2·397	2·320	2·267	2·376	2·347	2·332	2·449	2·137	..
1933	2·530	2·570	2·612	2·602	2·474	2·401	2·342	2·200	2·238	2·351	2·370	2·354	2·418	..

IWASAKI. The mean values increase downwards; the unit is 1 metre.

1900	3·612	3·750	3·753	3·738	3·586	3·697	3·561	3·499	3·550	3·551	3·596	3·612	3·627	2·990
1901	3·765	3·715	3·773	3·814	3·698	3·641	3·574	3·430	3·544	3·627	3·679	3·583	3·615	3·006
1902	3·669	3·606	3·766	3·700	3·624	3·625	3·601	3·568	3·489	3·596	3·659	3·644	3·616	3·008
1903	3·691	3·767	3·845	3·791	3·667	3·570	3·466	3·435	3·525	3·601	3·567	3·547	3·622	2·984
1904	3·680	3·753	3·809	3·809	3·690	3·531	3·490	3·467	3·462	3·577	3·541	3·594	3·617	2·979
1905	3·660	3·743	3·889	3·773	3·653	3·635	3·581	3·453	3·442	3·482	3·572	3·557	3·621	2·983
1906	3·645	3·739	3·707	3·660	3·654	3·673	3·596	3·549	3·529	3·546	3·630	3·594	3·626	2·988
1907	3·742	3·738	3·798	3·806	3·644	3·661	3·614	3·498	3·635	3·589	3·618	3·584	3·660	3·022
1908	3·678	3·700	3·749	3·802	3·693	3·600	3·540	3·500	3·578	3·670	3·572	3·671	3·646	3·008
1909	3·827	3·743	3·828	3·720	3·712	3·684	3·603	3·574	3·578	3·620	3·636	3·712	3·686	3·018
1910	3·763	3·774	3·807	3·863	3·756	3·610	3·615	3·472	3·586	3·714	3·649	3·713	3·696	3·057
1911	3·803	3·865	3·838	3·753	3·770	3·635	3·504	3·499	3·497	3·502	3·569	3·635	3·654	3·015
1912	3·715	3·705	3·753	3·699	3·687	3·619	3·582	3·541	3·564	3·483	3·630	3·655	3·636	2·997
1913	3·717	3·736	3·788	3·809	3·715	3·569	3·549	3·484	3·574	3·674	3·659	3·698	3·660	3·021
1914	3·619	3·803	3·696	3·710	3·646	3·553	3·443	3·400	3·431	3·511	3·545	3·601	3·579	2·942
1915	3·590	3·629	3·586	3·630	3·614	3·440	3·466	3·411	3·488	3·518	3·543	3·526	3·539	2·903
1916	3·671	3·714	3·670	3·673	3·581	3·513	3·445	3·436	3·454	3·568	3·653	3·588	3·579	2·913
1917	3·541	3·690	3·826	3·754	3·625	3·596	3·526	3·422	3·478	3·572	3·483	3·486	3·584	2·918
1918	3·639	3·757	3·770	3·828	3·721	3·593	3·523	3·455	3·414	3·508	3·497	3·614	3·604	2·968
1919	3·606	3·699	3·667	3·629	3·639	3·547	3·556	3·506	3·529	3·501	3·562	3·606	3·586	2·950
1920	3·602	3·775	3·872	3·808	3·671	3·636	3·506	3·532	3·640	3·580	3·611	3·679	3·659	3·023
1921	3·742	3·743	3·749	3·755	3·696	3·702	3·527	3·502	3·555	3·629	3·566	3·686	3·654	3·018
1922	3·767	3·813	3·779	3·735	3·700	3·555	3·492	3·397	3·419	3·515	3·497	3·518	3·600	2·966
1923	3·686	3·756	3·769	3·680	3·643	3·546	3·482	3·409	3·460	3·478	3·480	3·602	3·582	2·947
1924	3·660	3·673	3·750	3·644	3·707	3·593	3·497	3·468	3·561	3·638	3·473	3·514	3·602	2·968

OTARU. The mean values increase downwards; the unit is 1 metre.

1906	1·658	1·696	1·646	1·631	1·612	1·623	1·550	1·537	1·526	1·578	1·610	1·613	1·606	2·069
1907	1·669	1·692	1·733	1·718	1·578	1·576	1·575	1·485	1·576	1·558	1·629	1·646	1·628	2·091
1908	1·667	1·678	1·704	1·747	1·672	1·588	1·537	1·513	1·541	1·576	1·585	1·641	1·621	2·084
1909	1·756	1·695	1·736	1·658	1·632	1·599	1·552	1·523	1·521	1·599	1·621	1·642	1·628	2·090
1910	1·698	1·653	1·682	1·741	1·629	1·565	1·541	1·494	1·514	1·645	1·629	1·641	1·618	2·081
1911	1·739	1·788	1·657	1·710	1·702	1·580	1·506	1·522	1·474	1·549	1·590	1·600	1·617	2·080
1912	1·669	1·690	1·695	1·666	1·641	1·552	1·519	1·522	1·542	1·618	1·597	1·610	1·612	2·075
1913	1·684	1·665	1·688	1·712	1·645	1·551	1·534	1·459	1·561	1·615	1·666	1·711	1·627	2·089
1914	1·644	1·691	1·647	1·649	1·589	1·557	1·458	1·450	1·473	1·512	1·551	1·582	1·566	2·028
1915	1·601	1·621	1·590	1·604	1·581	1·509	1·498	1·437	1·513	1·542	1·608	1·573	1·555	2·017
1916	1·598	1·700	1·739	1·673	1·574	1·530	1·495	1·479	1·512	1·609	1·692	1·647	1·599	2·061
1917	1·590	1·659	1·776	1·727	1·600	1·596	1·538	1·446	1·514	1·571	1·557	1·499	1·589	2·051

JAPAN

TABLE B—*continued.*

OTARU—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean	Below B.M.
1918	1·556	1·682	1·699	1·724	1·632	1·541	1·484	1·443	1·375	1·496	1·516	1·569	1·560	2·021
1919	1·592	1·652	1·621	1·587	1·572	1·500	1·545	1·530	1·514	1·526	1·557	1·615	1·567	2·028
1920	1·602	1·745	1·814	1·763	1·674	1·606	1·517	1·522	1·584	1·616	1·601	1·663	1·642	2·101
1921	1·708	1·703	1·677	1·678	1·637	1·621	1·500	1·486	1·563	1·594	1·561	1·632	1·613	2·073
1922	1·700	1·765	1·736	1·690	1·607	1·513	1·463	1·425	1·449	1·542	1·505	1·521	1·575	2·035
1923	1·652	1·695	1·709	1·641	1·602	1·528	1·493	1·446	1·486	1·530	1·509	1·597	1·573	2·033
1924	1·632	1·647	1·713	1·678	1·613	1·559	1·453	1·457	1·535	1·577	1·525	1·572	1·580	2·040
1925	1·607	1·693	1·663	1·680	1·589	1·524	1·533	1·474	1·504	1·552	1·566	1·526	1·575	2·035
1926	1·618	1·671	1·663	1·606	1·629	1·554	1·471	1·406	1·450	1·507	1·562	1·528	1·555	2·015
1927	1·618	1·679	1·674	1·705	1·598	1·561	1·496	1·450	1·504	1·443	1·498	1·570	1·565	2·024
1928	1·618	1·674	1·644	1·653	1·594	1·550	1·517	1·453	1·494	1·551	1·555	1·528	1·569	2·028
1929	1·585	1·637	1·681	1·652	1·647	1·583	1·489	1·382	1·484	1·562	1·593	1·686	1·581	2·040
1930	2·189	2·187	2·203	2·180	2·098	1·992	1·913	1·899	1·964	1·958	1·971	2·058	2·050	..
1931	2·120	2·178	2·123	2·095	2·039	2·050	2·025	1·924	1·957	1·983	2·002	2·067	2·046	..
1932	2·123	2·126	2·112	2·079	2·001	1·986	1·940	1·929	2·014	1·928	1·944	2·035	2·018	..
1933	2·141	2·154	2·172	2·156	2·067	2·001	1·964	1·884	1·895	2·022	2·009	2·023	2·040	..

HONTO.

The mean values increase downwards; the unit is 1 metre.

1922	..	..	..	..	..	..	0·791	0·747	0·805	0·808	0·755	0·675	(0·763)	4·030
1923	0·778	0·880	0·863	0·820	0·834	0·792	0·768	0·752	0·798	0·765	0·709	0·749	0·790	4·057
1924	0·791	0·799	0·887	0·871	0·821	0·829	0·737	0·777	0·830	0·810	0·729	0·704	0·799	4·066
1925	0·750	0·823	0·823	0·868	0·861	0·803	0·773	0·791	0·824	0·815	0·798	0·722	0·804	4·072
1926	0·774	0·818	0·853	0·790	0·850	0·792	0·751	0·722	0·777	0·744	0·769	0·667	0·775	4·043
1927	0·747	0·840	0·839	0·908	0·830	0·808	0·769	0·756	0·756	0·736	0·742	0·730	0·788	4·053
1928	0·780	0·818	0·830	0·843	0·793	0·795	0·801	0·762	0·761	0·824	0·771	0·686	0·788	4·053
1929	0·723	0·782	0·836	0·853	0·878	0·812	0·742	0·719	0·775	0·833	0·831	0·858	0·803	4·069
1930	4·130	4·148	4·186	4·166	4·098	4·050	4·010	4·029	4·060	4·059	3·992	4·024	4·079	..
1931	4·057	4·125	4·100	4·106	4·073	4·100	4·082	4·018	4·071	4·062	4·077	4·078	4·079	..
1932	4·125	4·123	4·094	4·083	4·025	4·053	4·050	4·017	4·131	4·000	3·995	3·999	4·057	..
1933	4·086	4·104	4·145	4·143	4·112	4·078	4·065	4·028	4·027	4·094	4·011	3·999	4·074	..

HANASAKI.

The mean values increase downwards; the unit is 1 metre.

1900	2·323	2·358	2·398	2·438	2·377	2·401	2·332	2·329	2·320	2·371	2·420	2·336	2·366	3·207
1901	2·399	2·311	2·393	2·524	2·437	2·390	2·388	2·371	2·342	2·386	2·373	2·290	2·385	3·221
1902	2·260	2·410	2·410	2·375	2·403	2·379	2·400	2·416	2·389	2·418	2·445	2·395	2·394	3·230
1903	2·436	2·478	2·500	2·559	2·460	2·405	2·354	2·380	2·408	2·413	2·425	2·330	2·428	3·270
1904	2·364	2·497	2·501	2·539	2·389	2·393	2·365	2·351	2·369	2·363	2·327	2·293	2·395	3·236
1905	2·314	2·282	2·435	2·405	2·381	2·417	2·370	2·340	2·314	2·391	2·344	2·341	2·362	3·203
1906	2·271	2·355	2·388	2·406	2·432	2·415	2·385	2·354	2·324	2·352	2·343	2·313	2·361	3·202
1907	2·381	2·357	2·382	2·448	2·355	2·337	2·373	2·356	2·352	2·278	2·367	2·216	2·350	3·191
1908	2·343	2·381	2·425	2·501	2·455	2·399	2·405	2·359	2·367	2·383	2·327	2·331	2·390	3·231
1909	2·411	2·411	2·468	2·498	2·476	2·435	2·399	2·355	2·333	2·393	2·411	2·327	2·409	3·250
1910	2·445	2·341	2·307	2·385	2·411	2·427	2·425	2·383	2·357	2·459	2·433	2·351	2·394	3·235
1911	2·374	2·444	2·369	2·428	2·482	2·438	2·405	2·380	2·383	2·378	2·402	2·318	2·400	3·241
1912	2·359	2·370	2·422	..	..	..	2·379	2·406	2·385	2·397	2·369	2·344	(2·378)	3·220
1913	2·348	2·370	2·399	2·437	2·405	2·375	2·367	2·327	2·369	2·409	2·409	2·375	2·382	3·224
1914	2·348	2·387	2·404	2·392	2·436	2·390	2·328	2·271	2·344	2·375	2·376	2·349	2·366	3·206
1915	2·317	2·351	2·342	2·399	2·402	2·373	2·362	2·317	2·355	2·368	2·435	2·295	2·360	3·200
1916	2·332	2·530	2·324	2·389	2·380	2·395	2·381	2·324	2·317	2·378	2·480	2·336	2·364	3·204
1917	2·164	2·207	2·352	2·368	2·334	2·361	2·382	2·359	2·379	2·368	2·322	2·156	2·314	3·154
1918	2·168	2·342	2·379	2·439	2·392	2·363	2·328	2·314	2·269	2·286	2·316	2·264	2·321	3·161
1919	2·263	2·353	2·348	2·375	2·390	2·335	2·364	2·323	2·325	2·346	2·346	2·259	2·335	3·175
1920	2·218	2·322	2·424	2·423	2·384	2·350	2·320	2·314	2·311	2·319	2·333	2·318	2·336	3·176
1921	2·297	2·313	2·315	2·390	2·359	2·366	2·352	2·302	2·356	2·387	2·305	2·298	2·337	3·177
1922	2·303	2·466	2·395	2·366	2·363	2·336	2·331	2·255	2·293	2·333	2·312	2·182	2·327	3·167
1923	2·265	2·347	2·429	2·383	2·386	2·364	2·286	2·251	2·220	2·255	2·256	2·275	2·307	3·149
1924	2·221	2·245	2·346	2·436	2·303	2·345	2·315	2·251	2·317	2·348	2·271	2·211	2·305	3·127

( ), the enclosed mean values have been calculated from an incomplete series of observations.

JAPAN

TABLE B—*continued.*

AIKAWA.

The mean values increase downwards; the unit is 1 metre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean	Below B.M.
1900	2·070	2·136	2·141	2·150	2·097	2·171	2·040	2·083	2·055	2·110	2·128	2·116	2·107	2·835
1901	2·198	2·152	2·265	2·306	2·199	2·109	2·029	1·988	1·973	2·027	2·063	2·094	2·140	2·868
1902	2·102	2·223	2·200	2·178	2·127	2·052	2·026	2·039	2·004	2·051	2·106	2·066	2·099	2·826
1903	2·082	2·151	2·214	2·226	2·110	2·039	1·969	1·993	1·980	2·006	2·060	2·039	2·072	2·800
1904	2·128	2·220	2·267	2·265	2·169	2·080	1·998	1·960	1·959	2·022	2·034	2·081	2·098	2·825
1905	2·111	2·160	2·263	2·230	2·185	2·113	2·119	..	1·990	1·975	1·991	2·023	(2·105)	2·834
1906	2·066	2·113	2·158	2·169	2·153	2·090	2·047	2·008	2·015	2·031	2·064	2·091	2·084	2·813
1907	2·148	2·148	2·239	2·259	2·142	2·088	2·107	2·068	2·072	2·099	2·129	2·139	2·136	2·865
1908	2·141	2·168	2·179	2·244	2·164	2·095	2·057	2·042	2·028	2·045	2·043	2·142	2·112	2·841
1909	2·206	2·204	2·253	2·233	2·159	2·225	2·088	2·030	2·007	1·920	2·070	2·133	2·129	2·858
1910	2·200	2·197	2·261	2·261	2·163	2·083	2·037	1·963	1·981	2·029	2·037	2·096	2·108	2·837
1911	2·171	2·283	2·232	2·215	2·217	2·090	2·026	1·987	1·966	1·966	2·031	2·055	2·104	2·833
1912	2·152	2·154	2·195	2·196	2·166	2·063	2·056	2·036	2·020	2·091	2·114	2·138	2·116	2·845
1913	2·179	2·201	2·235	2·261	2·192	2·105	2·060	1·990	..	2·066	2·161	2·169	(2·153)	2·880
1914	2·162	2·198	2·204	2·167	2·191	2·106	2·019	1·967	2·027	2·043	2·058	2·092	2·101	2·829
1915	2·141	2·150	2·149	2·184	2·134	2·117	2·057	1·997	2·025	2·028	2·132	2·096	2·100	2·828
1916	2·166	2·170	2·211	2·245	2·177	2·130	2·070	1·992	1·992	2·066	2·136	2·084	2·120	2·848
1917	2·066	2·129	2·242	2·219	2·127	2·117	2·074	1·966	2·016	2·023	2·027	1·992	2·083	2·811
1918	2·072	2·197	2·231	2·245	2·185	2·105	2·037	2·003	1·956	1·996	1·989	2·056	2·089	2·817
1919	2·125	2·154	2·143	2·152	2·153	2·067	2·089	2·025	1·995	1·998	2·063	2·070	2·086	2·814
1920	2·089	2·185	2·291	2·237	2·127	2·119	2·050	2·015	2·025	2·026	2·069	2·109	2·111	2·839
1921	2·168	2·151	2·167	2·220	2·115	2·095	2·065	1·990	1·988	2·002	2·021	2·113	2·091	2·819
1922	2·166	2·238	2·245	2·208	2·164	2·063	2·024	1·956	1·943	2·002	1·985	1·986	2·081	2·809
1923	2·125	2·148	2·242	2·196	2·152	2·071	2·010	1·979	1·912	1·980	1·982	2·092	2·074	2·802
1924	2·090	2·126	2·199	2·234	2·133	2·085	2·062	1·984	2·007	2·070	2·017	2·048	2·090	2·819

ABURATUBO.

The mean values ncrease downwards; the unit is 1 metre.

1900	2·077	2·152	2·158	2·146	2·081	2·133	2·096	2·078	2·070	2·074	2·045	2·128	2·093	3·724
1901	2·136	2·144	2·190	2·198	2·131	2·077	2·014	1·983	1·944	1·916	2·068	2·071	2·067	3·698
1902	2·115	2·244	2·175	2·141	2·056	2·073	2·069	2·018	1·968	1·996	2·080	1·987	2·057	3·688
1903	2·096	2·137	2·195	2·179	2·090	2·001	2·013	1·991	2·014	1·974	2·003	2·082	2·065	3·696
1904	2·082	2·163	2·130	2·184	2·084	2·032	1·946	1·923	1·901	1·964	2·010	2·009	2·035	3·666
1905	2·058	2·101	2·191	2·094	2·065	2·025	2·023	1·993	1·947	1·954	1·959	2·042	2·037	3·668
1906	2·094	2·108	2·089	2·070	2·053	2·021	1·968	1·924	1·884	1·926	2·003	2·061	2·015	3·646
1907	2·013	2·100	2·165	2·138	2·089	2·044	1·931	1·976	1·886	1·890	1·966	1·991	2·015	3·646
1908	2·066	2·013	2·137	2·142	2·054	2·007	1·859	2·082	1·945	1·970	1·907	2·009	2·013	3·638
1909	2·012	2·076	2·089	2·059	2·039	2·045	2·012	1·914	1·863	1·870	2·009	2·040	2·003	3·628
1910	2·013	2·056	2·092	2·129	2·012	2·031	..	..	1·978	1·882	1·979	2·040	(2·022)	3·647
1911	2·079	2·156	2·021	2·034	2·079	1·933	1·835	1·942	1·892	1·927	1·942	1·970	1·988	3·611
1912	2·029	2·036	2·054	2·054	2·005	1·948	1·963	1·856	1·917	2·037	1·930	1·910	1·979	3·602
1913	2·054	2·006	2·104	2·076	1·988	1·961	1·908	1·778	1·810	1·901	2·019	2·046	1·972	3·595
1914	2·101	2·056	2·015	2·050	1·988	1·968	1·912	1·892	1·863	1·945	2·010	2·005	1·983	3·606
1915	2·002	1·978	2·021	2·028	1·962	1·966	1·943	1·852	1·944	1·918	1·953	2·028	1·966	3·589
1916	2·075	2·051	2·098	2·075	2·029	2·020	1·993	1·855	1·943	1·961	1·984	1·969	2·005	3·628
1917	2·003	2·067	2·146	2·111	2·045	1·970	1·960	1·869	1·913	1·915	1·949	1·967	1·993	3·616
1918	2·063	2·077	2·127	2·095	2·044	2·029	1·991	1·866	1·869	1·897	1·882	1·926	1·988	3·611
1919	1·995	2·000	1·966	1·973	1·980	1·904	1·946	1·920	1·875	1·864	1·956	1·978	1·946	3·569
1920	2·013	2·079	2·152	2·118	1·937	1·953	1·896	1·887	1·838	1·887	1·902	1·944	1·967	3·590
1921	2·046	2·027	2·025	2·085	2·006	1·994	1·962	1·916	1·915	1·871	2·059	2·065	1·997	3·613
1922	2·069	2·090	2·109	2·088	2·051	1·975	2·002	1·916	1·898	1·936	1·925	1·982	2·003	3·619
1923	2·080	2·033	2·153	2·027	2·001	1·855	1·913	1·992	1·893*	1·922*	2·026*	2·128*	2·002	3·618
1924	3·423	3·422	3·488	3·406	3·393	3·281	3·379	3·360	3·345	3·288	3·355	3·358	3·375	4·992
1925	3·404	3·477	3·471	3·427	3·361	3·304	3·326	3·357	3·292	3·266	3·307	3·424	3·367	4·984
1926	3·489	3·487	3·478	3·464	3·412	3·351	3·333	3·323	3·354	3·329	3·371	3·332	3·393	5·010

( ), the enclosed mean values have been calculated from an incomplete series of observations.

* Sept. to Dec. 1923, 1·328 m. have been subtracted from observed monthly values, this being estimated upheaval of fixed point during great earthquake on 1st Sept.

TABLE B—*continued.*

ABURATUBO—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean	Below B.M.
1927	3·465	3·459	3·470	3·451	3·438	3·442	3·371	3·352	3·291	3·273	3·313	3·436	3·396	5·013
1928	3·463	3·473	3·402	3·437	3·435	3·362	3·391	3·211	3·330	3·315	3·359	3·320	3·374	4·991
1929	3·362	3·373	3·484	3·436	3·413	3·396	3·324	3·310	3·292	3·242	3·284	3·374	3·357	4·974
1930	5·025	5·022	5·097	5·049	5·073	4·898	4·829	4·932	4·854	4·854	4·935	4·993	4·963	..
1931	4·989	5·003	4·993	5·063	5·022	5·012	4·937	4·978	4·942	4·896	4·917	4·978	4·977	..
1932	5·058	4·970	5·070	5·045	5·011	4·857	4·912	4·945	4·885	4·879	4·902	5·015	4·963	..
1933	4·992	5·030	5·027	5·035	4·961	4·903	4·945	4·828	4·862	4·923	4·920	4·879	4·941	..

KUSIMOTO. The mean values increase downwards; the unit is 1 metre.

1900	2·322	2·427	2·480	2·362	2·329	2·308	2·220	2·110	2·228	2·269	2·242	2·410	2·309	2·048
1901	2·432	2·441	2·484	2·394	2·296	2·234	2·146	2·199	2·235	2·221	2·399	2·483	2·331	2·070
1902	2·496	2·593	2·422	2·427	2·263	2·258	2·268	2·194	2·116	2·213	2·308	2·266	2·317	2·056
1903	2·431	2·450	2·423	2·428	2·328	2·203	2·167	2·147	2·151	2·184	2·280	2·348	2·298	2·037
1904	2·381	2·401	2·389	2·423	2·330	2·274	2·108	2·148	2·088	2·153	2·308	2·323	2·276	2·015
1905	2·328	2·404	2·390	2·386	2·364	2·223	2·270	2·116	2·132	2·163	2·234	2·298	2·275	2·014
1906	2·347	2·342	2·320	2·328	2·323	2·255	2·207	2·196	2·157	2·164	2·281	2·448	2·281	2·020
1907	2·357	2·394	2·454	2·469	2·413	2·334	2·143	2·160	2·097	2·142	2·271	2·383	2·301	2·040
1908	2·400	2·312	2·363	2·413	2·331	2·319	2·130	2·175	2·164	2·152	2·264	2·364	2·292	2·031
1909	2·368	2·411	2·269	2·230	2·259	2·245	2·229	2·094	2·081	2·149	2·306	2·475	2·251	1·989
1910	2·288	2·370	2·343	2·390	2·253	2·210	2·114	1·976	2·082	2·063	2·226	2·322	2·219	1·957
1911	2·354	2·427	2·265	2·324	2·332	2·225	2·135	2·308	2·091	2·131	2·237	2·321	2·262	2·000
1912	2·393	2·313	2·352	2·375	2·300	2·208	2·244	2·040	2·057	2·166	2·212	2·174	2·236	1·974
1913	2·310	2·301	2·336	2·278	2·202	2·065	2·102	1·972	2·090	2·132	2·297	2·313	2·200	1·934
1914	2·401	2·323	2·253	2·264	2·173	2·134	2·058	2·055	2·035	2·114	2·187	2·263	2·188	1·922
1915	2·307	2·237	2·285	2·227	2·213	2·127	2·124	1·993	2·081	2·131	2·162	2·295	2·182	1·916
1916	2·341	2·288	2·371	2·276	2·166	2·101	2·074	1·943	2·042	2·052	2·077	2·147	2·156	1·890
1917	2·179	2·289	2·376	2·348	2·282	2·172	2·200	2·085	2·117	2·107	2·217	2·298	2·222	1·957
1918	2·375	2·342	2·403	2·359	2·287	2·297	2·280	2·124	2·090	2·081	2·136	2·227	2·250	1·985
1919	2·278	2·244	2·255	2·201	2·257	2·124	2·173	2·128	2·162	2·113	2·184	2·273	2·199	1·934
1920	2·328	2·363	2·417	2·369	2·163	2·165	2·167	2·121	2·100	2·127	2·229	2·267	2·234	1·972
1921	2·351	2·365	2·367	2·316	2·233	2·188	2·107	2·099	2·106	2·047	2·287	2·298	2·229	1·966
1922	2·378	2·337	2·369	2·268	2·224	2·117	2·083	2·034	2·055	2·157	2·124	2·278	2·202	1·939
1923	2·311	2·282	2·378	2·227	2·159	2·049	2·145	2·109	2·013	2·028	2·181	2·276	2·182	1·919
1924	2·304	2·350	2·353	2·265	2·202	2·027	2·087	1·984	2·077	2·035	2·144	2·163	2·165	1·902

OSAKI WAN. The mean values increase downwards; the unit is 1 metre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
1926	..	..	..	..	..	..	..	171·22	164·03	169·91	157·53	157·58	..
1927	144·68	145·60	147·17	149·47	157·73	161·48	162·81	170·05	166·88	177·46	164·12	151·67	158·26
1928	139·99	138·55	145·77	154·43	155·50	171·32	173·81	188·29	176·59	170·39	160·62	159·05	161·19
1929	145·05	133·96	136·90	148·44	155·53	158·14	165·09	178·56	175·37	173·49	157·40	152·81	156·73
1930	142·64	142·12	137·95	152·86	151·94	160·53	176·64	176·60	165·78	170·75	159·96	148·94	157·23
1931	143·90	140·13	142·50	142·49	153·44	161·22	164·39	170·18	166·43	166·59	165·31	153·87	155·87
1932	145·83	150·41	143·12	143·31	151·70	173·52	166·67	168·07	157·05	164·40	164·54	155·49	157·01
1933	143·00	143·59	145·39	149·94	158·74	167·12	168·19	..	..	..	..	..	..

HOSOSIMA. The mean values increase downwards; the unit is 1 metre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean	Below B.M.
1900	2·572	2·714	2·734	2·602	2·579	2·535	2·448	2·331	2·441	2·552	2·540	2·649	2·557	2·400
1901	2·657	2·703	2·718	2·570	2·533	2·502	2·442	2·403	2·475	2·455	2·640	2·724	2·565	2·408
1902	2·736	2·788	2·703	2·683	2·556	2·494	2·531	2·460	2·395	2·494	2·581	2·532	2·576	2·419
1903	2·681	2·701	2·620	2·641	2·587	2·468	2·426	2·489	2·455	2·427	2·596	2·638	2·556	2·399
1904	2·716	2·701	2·660	2·667	2·617	2·552	2·422	2·415	2·423	2·477	2·630	2·627	2·577	2·423

TABLE B—*continued.*

HOSOSIMA—*continued.*

Year	Jan.	Feb.	Mar.	Apr.	May.	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean	Below B.M.
1905	2·592	2·683	2·663	2·618	2·591	2·559	2·548	2·452	2·456	2·457	2·510	2·543	2·555	2·401
1906	2·668	2·693	2·640	2·642	2·552	2·552	2·461	2·493	2·470	2·448	2·510	2·772	2·574	2·419
1907	2·696	2·679	2·700	2·742	2·687	2·590	2·522	2·444	2·394	2·447	2·565	2·736	2·598	2·443
1908	2·685	2·651	2·667	2·678	2·663	2·586	2·404	2·457	2·430	2·556	2·605	2·671	2·587	2·432
1909	2·681	2·764	2·689	2·580	2·639	2·610	2·507	2·370	2·447	2·554	2·583	2·812	2·603	2·448
1910	2·707	2·807	2·764	2·725	2·611	2·644	2·534	2·355	2·494	2·466	2·651	2·737	2·623	2·468
1911	2·765	2·828	2·651	2·680	2·684	2·563	2·508	2·474	2·435	2·482	2·606	2·688	2·612	2·457
1912	2·720	2·661	2·688	2·726	2·641	2·513	2·571	2·458	2·416	2·546	2·639	2·585	2·596	2·441
1913	2·666	2·667	2·722	2·664	2·604	2·491	2·492	2·351	2·473	2·485	2·621	2·763	2·583	2·428
1914	2·816	2·718	2·613	2·656	2·586	2·539	2·496	2·445	2·404	2·498	2·558	2·677	2·584	2·429
1915	2·666	2·620	2·635	2·597	2·604	2·489	2·532	2·403	2·413	2·459	2·534	2·689	2·555	2·419
1916	2·702	2·675	2·723	2·654	2·572	2·508	2·492	2·325	2·490	2·455	2·430	2·577	2·550	2·414
1917	2·618	2·748	2·815	2·758	2·706	2·580	2·590	2·474	2·529	2·524	2·662	2·767	2·648	2·511
1918	2·852	2·786	2·815	2·777	2·713	2·684	2·579	2·539	2·420	2·507	2·560	2·669	2·657	2·520
1919	2·702	2·662	2·646	2·647	2·642	2·517	2·524	2·483	2·555	2·543	2·596	2·730	2·604	2·467
1920	2·788	2·765	2·757	2·760	2·572	2·589	2·521	2·508	2·480	2·500	2·626	2·657	2·625	2·488
1921	2·785	2·759	2·770	2·698	2·627	2·549	2·508	2·462	2·524	2·497	2·715	2·718	2·633	2·496
1922	2·790	2·719	2·750	2·674	2·575	2·508	2·487	2·461	2·450	2·537	2·568	2·715	2·602	2·465
1923	2·757	2·704	2·744	2·634	2·555	2·478	2·522	2·508	2·381	2·449	2·640	2·715	2·590	2·455
1924	2·762	2·750	2·758	2·667	2·613	2·475	2·516	2·340	2·492	2·450	2·569	2·626	2·584	2·448
1925	2·641	2·694	2·763	2·692	2·577	2·533	2·508	2·440	2·365	2·440	2·539	2·746	2·578	2·442
1926	2·819	2·784	2·743	2·731	2·596	2·514	2·568	2·513	2·455	2·563	2·641	2·661	2·632	2·496
1927	2·723	2·752	2·716	2·678	2·653	2·609	2·599	2·506	2·479	2·452	2·566	2·711	2·620	2·484
1928	2·772	2·741	2·671	2·614	2·617	2·519	2·505	2·316	2·441	2·502	2·602	2·626	2·577	2·442
1929	2·718	2·744	2·761	2·727	2·632	2·546	2·533	2·457	2·455	2·453	2·596	2·653	2·605	2·470
1930	2·625	2·565	2·557	2·511	2·542	2·415	2·329	2·328	2·395	2·339	2·463	2·550	2·467	..
1931	2·583	2·578	2·556	2·562	2·473	2·415	2·453	2·364	2·373	2·340	2·358	2·464	2·459	..
1932	2·559	2·480	2·605	2·592	2·495	2·303	2·366	2·284	2·331	2·366	2·427	2·477	2·440	..
1933	2·552	2·587	2·517	2·513	2·450	2·384	2·405	2·269	2·291	2·357	2·386	2·399	2·425	..

TABLE C: ANNUAL MEAN HEIGHTS OF SEA-LEVEL

The mean values increase downwards; the unit is 1 metre

Year	Hukabori	Hamada	Sakai	Wazima	Iwasaki	Otaru	Hanasaki	Aikawa	Yokohama	Aburatubo	Toba	Kusimoto	Simotu	Kobe	Uwazima	Hososima
1894	..	..	..	..	..	..	..	3·654	..	..	..	..	..	..	..	..
1895	..	3·699	..	..	..	..	..	3·651	..	3·668	..	..	..	..	..	4·194
1896	..	3·720	..	..	..	..	..	..	..	3·679	..	..	..	..	..	4·192
1897	3·986	..	..	..	..	..	3·696	..	..	3·638	..	3·780	..	..	..	4·116
1898	3·982	..	..	..	..	..	..	..	..	3·650	..	3·794	..	..	..	..
1899	3·996	..	..	..	..	..	3·705	..	..	..	..	3·776	..	..	..	..
1900	..	..	..	..	..	..	3·659	..	1·306	..	..	..	..	1·409	..	..
1901	4·017	3·703	..	3·715	..	..	3·666	..	1·363	..	..	..	..	1·402	..	..
1902	..	3·735	..	3·728	5·235	3·248	3·665	..	1·347	..	..	..	..	1·415	..	..
1903	..	3·732	..	3·714	5·218	3·242	..	3·522	1·362	..	..	..	..	1·463	..	..
1904	..	3·689	..	3·697	5·193	..	..	3·525	1·373	3·634	..	3·742	..	1·490	..	..
1905	3·994	..	..	3·707	5·203	..	..	..	1·367	..	..	3·741	..	..	..	..
1906	..	..	..	..	5·218	..	..	3·474	..	..	..	..	..	1·430	..	4·138
1907	..	..	..	..	5·230	..	..	..	..	..	..	..	..	..	..	..
1908	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1926	..	..	·50099	..	..	..	..	..	..	..	..	..	..	..	..	..
1927	..	..	..	..	..	..	..	..	..	..	2·16475	..	..	..	..	..
1927–28	..	..	..	..	..	..	..	..	..	..	..	..	1·69355	..	1·61375	..

FORMOSA (JAPAN)

§ 1. *Authorities.*

1. Imperial Military Land Survey Department, Tokyo.
   a. R. Sokuryobu: The results of determination of sea-level. (In Japanese, 1925.)
   b. R. Sokuryobu: Tidal Record, 1900.

2. S. Hirayama: Results of the harmonic analysis of tidal observations made at various ports of Japan. Journ. Coll. Sci. I. Univ. Tokyo, vol. 28 (7). (1911.)

§ 2. *Apparatus.*

1. Recording gauge.

TABLE A: STATIONS, AUTHORITIES AND CONDITIONS

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
			§ 1	§ 1	§ 1	§ 2	1:		p. 10				
Kirun	25° 09′ N.	121° 45′ E.	1*a*	1	1	1	10	..	2*a*	..	..	1904–24	..
			2		2			..		..	..	..	1905–8
Takao	22 37 „	120 16 „	1*a*, 1*b*	1	1	1	10	..	2*a*	..	..	1904–33	..
			2		2			..		..	..	..	1904–5

FORMOSA

TABLE B: MONTHLY AND ANNUAL MEAN HEIGHTS OF SEA-LEVEL

KIRUN. The mean values increase downwards; the unit is 1 metre.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean	Below B.M.
1904	..	..	..	..	2·618	2·540	2·450	2·398	2·419	2·538	2·704	2·812	(2·557)	2·342
1905	2·657	2·745	2·653	2·631	2·592	2·497	2·499	2·410	2·468	2·678	2·601	2·649	2·589	2·374
1906	2·742	2·624	2·640	2·594	2·521	2·459	2·395	2·432	2·471	2·525	2·537	2·734	2·556	2·341
1907	2·763	2·651	2·660	2·666	2·561	2·489	2·458	2·417	2·411	2·482	2·592	2·715	2·572	2·357
1908	2·661	2·635	2·627	2·683	2·596	2·531	2·406	2·362	2·434	2·557	2·630	2·709	2·569	2·354
1909	2·621	2·643	2·612	2·535	2·533	2·475	2·436	2·353	2·322	2·490	2·650	2·759	2·537	2·322
1910	2·713	2·759	2·668	2·653	2·563	2·527	2·452	2·356	2·422	2·505	2·648	2·755	2·584	2·368
1911	2·772	2·809	2·660	2·628	2·484	2·473	2·432	2·401	2·405	2·522	2·645	2·686	2·576	2·360
1912	2·715	2·696	2·631	2·680	2·558	2·432	2·440	2·414	..	..	..	2·544	(2·570)	2·355
1913	2·576	2·650	2·680	2·603	2·529	2·477	2·383	2·388	2·431	2·535	2·598	2·698	2·543	2·329
1914	2·793	2·712	2·593	2·611	2·566	2·491	2·403	2·388	2·381	2·566	2·543	2·587	2·552	2·338
1915	2·516	2·465	2·612	2·531	2·437	2·422	2·377	2·336	2·375	2·410	2·427	2·698	2·465	2·251
1916	2·540	..	..	..	2·499	2·456	2·416	2·369	2·477	2·573	2·535	2·629	(2·501)	2·287
1917	2·676	2·714	2·733	2·611	2·563	2·437	2·293	2·283	2·446	2·537	2·666	2·721	2·556	2·342
1918	2·775	2·712	2·706	2·632	2·574	2·512	2·405	2·397	2·363	2·519	2·580	2·640	2·567	2·358
1919	2·638	2·633	2·596	2·584	2·517	2·396	2·387	2·378	2·461	2·516	2·675	2·759	2·532	2·324
1920	2·762	2·775	2·718	2·693	2·533	2·497	2·412	2·430	2·353	2·483	2·616	2·642	2·575	2·367
1921	2·738	2·719	2·675	2·596	2·535	2·454	2·444	2·393	2·468	2·542	2·744	2·723	2·585	2·377
1922	2·737	2·698	2·734	2·638	2·523	2·460	2·412	2·389	2·436	2·585	2·639	2·705	2·579	2·371
1923	2·726	2·698	2·686	2·631	2·537	2·444	2·404	2·401	2·358	2·467	2·640	2·745	2·561	2·354
1924	2·745	2·667	2·713	2·595	2·533	2·441	2·387	2·340	2·437	2·539	2·665	2·702	2·557	2·350

TAKAO. The mean values increase downwards; the unit is 1 metre.

1904	1·940	1·951	1·963	1·917	1·902	1·810	1·784	1·693	1·697	1·785	1·870	1·965	1·856	5·962
1905	1·948	1·948	1·935	1·900	1·875	1·831	1·787	1·751	1·844	1·786	1·812	1·964	1·864	5·970
1906	2·007	1·985	1·862	1·878	1·816	1·803	1·700	1·759	1·728	1·785	1·773	1·944	1·834	5·940
1907	1·951	1·953	1·938	1·918	1·910	..	1·807	1·737	1·707	1·793	1·842	1·916	(1·861)	5·967
1908	1·941	1·897	1·921	1·956	1·903	1·842	1·773	1·694	1·764	1·778	1·822	1·967	1·854	5·960
1909	1·888	1·894	1·837	1·856	1·802	1·846	1·764	1·729	1·680	1·716	1·833	1·920	1·818	5·924
1910	2·010	2·051	1·912	1·935	1·933	1·862	1·812	1·732	1·774	1·751	1·814	1·986	1·893	6·002
1911	2·051	2·063	1·898	1·854	1·884	1·804	1·720	1·684	1·690	1·794	1·859	1·961	1·853	5·962
1912	1·993	1·948	1·928	1·898	1·881	1·791	1·739	1·705	1·719	1·825	1·881	1·876	1·847	5·953
1913	1·906	1·959	1·947	1·912	1·818	1·832	1·659	1·683	1·739	1·814	1·868	2·008	1·844	5·947
1914	2·045	2·015	1·889	1·960	1·875	1·826	1·761	1·695	1·742	1·855	1·868	1·960	1·874	5·977
1915	1·909	1·924	1·907	1·861	1·808	1·741	1·719	1·755	1·745	1·764	1·850	1·971	1·831	5·934
1916	1·997	2·030	1·951	1·794	1·803	1·788	1·784	1·734	1·748	1·772	1·728	1·844	1·831	5·934
1917	1·898	1·973	1·868	1·838	1·840	1·788	1·677	1·721	1·750	1·749	1·807	1·945	1·820	5·928
1918	1·966	1·903	1·931	1·897	1·867	1·861	1·792	1·670	1·707	1·771	1·901	1·967	1·853	5·961
1919	1·909	1·939	1·868	1·859	1·808	1·777	1·757	1·687	1·764	1·750	1·850	2·001	1·830	5·935
1920	2·062	2·031	1·898	1·857	1·813	1·803	1·660	1·674	1·675	1·723	1·932	1·953	1·839	5·945
1921	1·980	1·926	1·881	1·854	1·840	1·756	1·712	1·714	1·721	1·765	1·852	1·957	1·829	5·935
1922	1·978	1·934	1·924	1·880	1·846	1·774	1·721	1·665	1·643	1·788	1·823	1·885	1·721	5·927
1923	1·872	1·885	1·837	1·864	1·761	1·662	1·659	1·642	1·619	1·740	1·850	1·932	1·776	5·883
1924	1·973	1·870	1·859	1·813	1·823	1·723	1·629	1·697	1·739	1·688	1·780	1·869	1·788	5·895
1925	1·950	1·979	1·911	1·801	1·754	1·711	1·748	1·649	1·705	1·727	1·861	1·984	1·814	5·921
1926	2·018	1·956	1·923	1·881	1·779	1·734	1·732	1·705	1·739	1·752	1·838	1·849	1·825	5·933
1927	1·917	1·918	1·808	1·819	1·829	1·856	1·737	1·679	1·756	1·714	1·809	1·899	1·811	5·919
1928	1·918	1·890	1·844	1·826	1·798	1·714	1·697	1·657	1·707	1·757	1·829	1·891	1·794	5·902
1929	1·925	1·958	1·960	1·927	1·826	1·785	1·659	1·648	1·737	1·732	1·821	1·899	1·822	5·930
1930	6·081	6·023	5·979	5·945	5·927	5·858	5·770	5·791	5·813	5·858	5·906	6·004	5·912	..
1931	6·012	5·989	5·964	5·942	5·898	5·865	5·882	5·729	5·805	5·840	5·906	6·023	5·904	..
1932	6·096	6·051	5·990	5·953	5·900	5·835	5·797	5·827	5·842	5·849	5·892	6·015	5·920	..
1933	6·058	5·992	5·972	5·949	5·905	5·814	5·766	5·858	5·843	5·809	5·929	6·027	5·910	..

( ), the enclosed mean values have been calculated from an incomplete series of observations.

FORMOSA

TABLE C: Annual Mean Heights of Sea-Level

The mean values increase downwards; the unit is 1 metre

Year	Kirun	Takao
1904	..	3·382
1905	3·099	3·424
1906	3·048	..
1907	3·047	..
1908	3·040	..

CAROLINE ISLANDS

§ 1. *Authorities.*

1. Meteorological Observatory, Palau.
2. Imperial Marine Observatory, Kobe.
   a. K. Hidaka: Harmonic tidal constants at several ports in Japan. Memoirs, vol. 3, pp. 167–177. (1929.)

§ 2. *Apparatus.*

1. Recording gauge of U.S. Coast and Geodetic Survey type.

CAROLINE ISLANDS

TABLE A: Stations, Authorities and Conditions

Station	Lat.	Long.	Sources of Information	Authorities for Observations	Authorities for Reductions	Apparatus for Observations			Methods of Reduction	Datums		Periods	
							Height Ratio	Time Scale		Levelling System	Bench Marks	Table B	Table C
Palau	7° 20′ N.	134° 29′ E.	§ 1 2*a*	§ 1 1	§ 1 2*a*	§ 2 1	..	..	p. 10 2*a*	..	cm. −424·0	..	1926

TABLE C: Annual Mean Heights of Sea-Level

The mean values increase downwards; the unit is 1 metre

Station	Year	Annual Mean Height
Palau	1926	1·15196

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