

056567-000-7

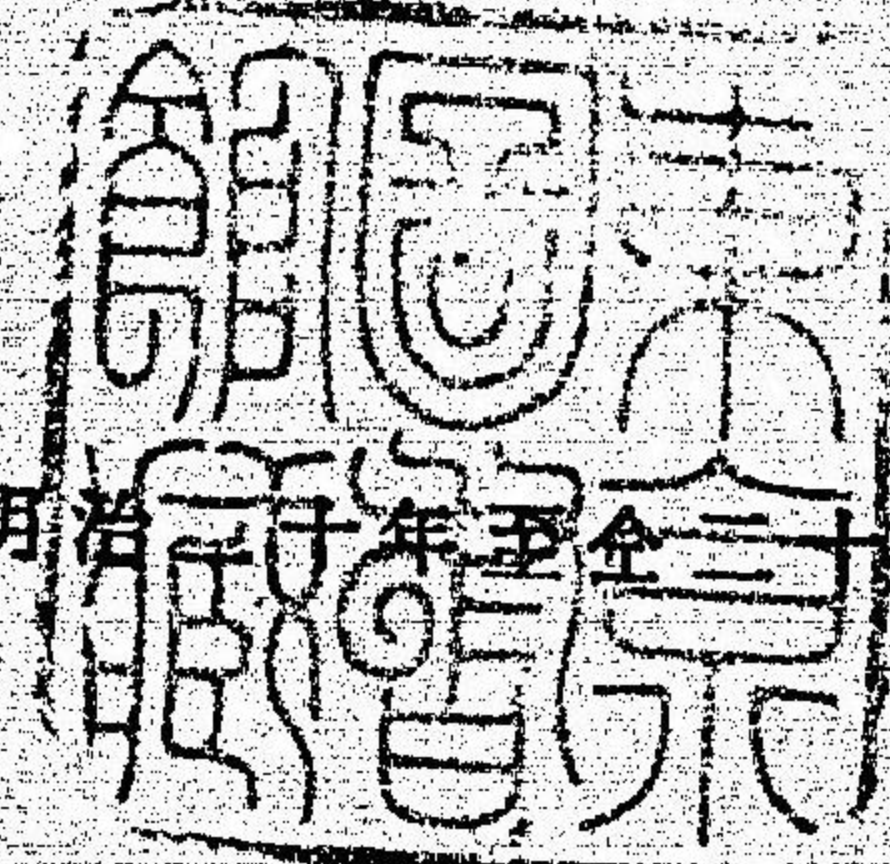
14.6ニ-8

大分氣象五年報

大分縣大分測候所

M27

CAN-0042



自明治三十年至三十四年

大分氣象五年報

大分縣大分測候所刊行

RESULTS

OF THE

METEOROLOGICAL OBSERVATIONS

MADE AT

OITA, JAPAN,

FOR THE

FIVE YEARS, 1887-1891.



PUBLISHED BY THE OITA METEOROLOGICAL STATION.

目 録
CONTENTS.

			丁數 Page	
第一表	概況	Table I.	General Results.	1
	晴 雨 計			
第二表	觀測時月平均	Table II.	Monthly Means at each time of observations.	2
第三表	每月平均及ヒ五ヶ年平均ニ對スル各年ノ高低	Table III.	Monthly Means, and Deviation from the means of 5 years.	3
第四表	每月最高	Table IV.	Monthly Maximum.	3
第五表	每月最低	Table V.	Monthly Minimum.	3
第六表	每月較差	Table VI.	Monthly Range.	3
	空 氣 之 温 度			
第七表	觀測時月平均	Table VII.	Monthly Means at each time of observations.	4
第八表	每月平均及ヒ五ヶ年平均ニ對スル各年ノ高低	Table VIII.	Monthly Means, and Deviation from the means of 5 years.	5
第九表	毎日最高ノ平均及ヒ五ヶ年平均ニ對スル各年ノ高低	Table IX.	Mean Daily Maximum, and Deviation from the means of 5 years.	5
第十表	毎日最低ノ平均及ヒ五ヶ年平均ニ對スル各年ノ高低	Table X.	Mean Daily Minimum, and Deviation from the means of 5 years.	5
第十一表	毎日較差ノ平均及ヒ五ヶ年平均ニ對スル各年ノ高低	Table XI.	Mean Daily Range, and Deviation from the means of 5 years.	6
第十二表	毎日最大較差	Table XII.	Maximum Daily Range.	6
第十三表	每月最高	Table XIII.	Monthly Maximum.	6
第十四表	每月最低	Table XIV.	Monthly Minimum.	6
第十五表	每月較差	Table XV.	Monthly Range.	6
	水 蒸 氣 之 張 力			
第十六表	觀測時月平均	Table XVI.	Monthly Means at each time of observations.	7
第十七表	每月平均及ヒ五ヶ年平均ニ對スル各年ノ高低	Table XVII.	Monthly Means, and Deviation from the means of 5 years.	8
第十八表	每月最高	Table XVIII.	Monthly Maximum.	8
第十九表	每月最低	Table XIX.	Monthly Minimum.	8
第二十表	每月較差	Table XX.	Monthly Range.	8
	濕 度			
第二十一表	觀測時月平均	Table XXI.	Monthly Means at each time of observations.	9
第二十二表	每月平均及ヒ五ヶ年平均ニ對スル各年ノ高低	Table XXII.	Monthly Means, and Deviation from the means of 5 years.	10
第二十三表	每月最低	Table XXIII.	Monthly Minimum.	10
	雲 量			
第二十四表	觀測時月平均	Table XXIV.	Monthly Means at each time of observations.	11
第二十五表	每月平均及ヒ五ヶ年平均ニ對スル各年ノ多少	Table XXV.	Monthly Means, and Deviation from the means of 5 years.	12
第二十六表	快晴日數	Table XXVI.	Number of Clear Days.	12
第二十七表	曇天日數	Table XXVII.	Number of Cloudy Days.	12
	雨 雪			
第二十八表	觀測時月總量	Table XXVIII.	Monthly Amount at each time of observations.	13
第二十九表	每月ノ量及ヒ五ヶ年平均ニ對スル各年ノ多少	Table XXIX.	Monthly Amount, and Deviation from the means of 5 years.	14

目 録
CONTENTS.

		丁 數 Page
第一表 概況	Table I. General Results.	1
晴 雨 計		
第二表 觀測時月平均	Table II. Monthly Means at each time of observations.	2
第三表 每月平均及ヒ五ヶ年平均ニ對スル各年ノ高低	Table III. Monthly Means, and Deviation from the means of 5 years.	3
第四表 每月最高	Table IV. Monthly Maximum.	3
第五表 每月最低	Table V. Monthly Minimum.	3
第六表 每月較差	Table VI. Monthly Range.	3
空 氣 之 温 度		
第七表 觀測時月平均	Table VII. Monthly Means at each time of observations.	4
第八表 每月平均及ヒ五ヶ年平均ニ對スル各年ノ高低	Table VIII. Monthly Means, and Deviation from the means of 5 years.	5
第九表 毎日最高ノ平均及ヒ五ヶ年平均ニ對スル各年ノ高低	Table IX. Mean Daily Maximum, and Deviation from the means of 5 years.	5
第十表 毎日最低ノ平均及ヒ五ヶ年平均ニ對スル各年ノ高低	Table X. Mean Daily Minimum, and Deviation from the means of 5 years.	5
第十一表 毎日較差ノ平均及ヒ五ヶ年平均ニ對スル各年ノ高低	Table XI. Mean Daily Range, and Deviation from the means of 5 years.	6
第十二表 毎日最大較差	Table XII. Maximum Daily Range.	6
第十三表 每月最高	Table XIII. Monthly Maximum.	6
第十四表 每月最低	Table XIV. Monthly Minimum.	6
第十五表 每月較差	Table XV. Monthly Range.	6
水 蒸 氣 之 張 力		
第十六表 觀測時月平均	Table XVI. Monthly Means at each time of observations.	7
第十七表 每月平均及ヒ五ヶ年平均ニ對スル各年ノ高低	Table XVII. Monthly Means, and Deviation from the means of 5 years.	8
第十八表 每月最高	Table XVIII. Monthly Maximum.	8
第十九表 每月最低	Table XIX. Monthly Minimum.	8
第二十表 每月較差	Table XX. Monthly Range.	8
濕 度		
第二十一表 觀測時月平均	Table XXI. Monthly Means at each time of observations.	9
第二十二表 每月平均及ヒ五ヶ年平均ニ對スル各年ノ高低	Table XXII. Monthly Means, and Deviation from the means of 5 years.	10
第二十三表 每月最低	Table XXIII. Monthly Minimum.	10
雲 量		
第二十四表 觀測時月平均	Table XXIV. Monthly Means at each time of observations.	11
第二十五表 每月平均及ヒ五ヶ年平均ニ對スル各年ノ多少	Table XXV. Monthly Means, and Deviation from the means of 5 years.	12
第二十六表 快晴日數	Table XXVI. Number of Clear Days.	12
第二十七表 曇天日數	Table XXVII. Number of Cloudy Days.	12
雨 雪		
第二十八表 觀測時月總量	Table XXVIII. Monthly Amount at each time of observations.	13
第二十九表 每月ノ量及ヒ五ヶ年平均ニ對スル各年ノ多少	Table XXIX. Monthly Amount, and Deviation from the means of 5 years.	14

目録 (續)
CONTENTS (Continued)

頁次	項目	丁數
第三十表	一日ノ最多量	Table XXX. Maximum Amount in a Day. 14
第三十一表	四時間ノ最多量	Table XXXI. Monthly Maximum in 4 Hours. 14
第三十二表	一日ノ量 30 耗以上ニ及ヒタル回数	Table XXXII. Number of Days with Amount >30 mm. 14
第三十三表	四時間ノ量 10 耗以上ニ及ヒタル回数	Table XXXIII. Number of Observations with Amount >10 mm in 4 Hours. 14
第三十四表	観測時ノ量 0.1 耗以上ニ及ヒタル回数	Table XXXIV. Number of Observations with Amount >0.1 mm. 15
第三十五表	観測時ノ量 0.1 耗以上ニ及ハサル回数	Table XXXV. Number of Observations with Amount <0.1 mm. 15
第三十六表	一日ノ量 0.1 耗以上ニ及ヒタル日數	Table XXXVI. Number of Days with Amount >0.1 mm. 15
第三十七表	一日ノ量 0.1 耗以上ニ及ハサル日數	Table XXXVII. Number of Days with Amount <0.1 mm. 15
風 向		
第三十八表	各方向観測回数	Table XXXVIII. Number of Observations under each Direction. 16
第三十九表	観測回数ノ百分率	Table XXXIX. Percentage of Number of Observations. 17
風 速 度		
第四十表	毎月各方向別平均	Table XL. Monthly Means under each Direction. 18
第四十一表	観測時月平均	Table XLI. Monthly Means at each time of observations. 20
第四十二表	毎月最强	Table XLII. Monthly Maximum. 21
第四十三表	毎日平均 (軒)	Table XLIII. Diurnal Means (km) 21
平均風向及速度		
第四十四表	観測時月平均	Table XLIV. Monthly Means at each time of observations. 22
第四十五表	毎月平均	Table XLV. Monthly Means. 23
第四十六表	暴風回数	Table XLVI. Number of Gales. 24
第四十七表	各方向別暴風時數	Table XLVII. Number of Hours with Gales under each Direction. 24
雜 表		
第四十八表	半旬期平均	Table XLVIII. Five Day Means
	晴雨計	Barometer. 25
	空氣ノ溫度	Air Temperature. 25
	濕度	Relative Humidity. 25
	雨雪量	Precipitation. 25
第四十九表	空氣ノ最低溫度氷点以下ノ日數	Table XLIX. Number of Days with Minimum Air Temperature below 0° C. 25
第五十表	空氣ノ平均溫度氷点以下ノ日數	Table L. Number of Days with Mean Air Temperature below 0° C. 25
第五十一表	空氣ノ平均溫度二十五度以上ノ日數	Table LI. Number of Days with Mean Air Temperature above 25° C. 26
第五十二表	空氣ノ最高溫度三十度以上ノ日數	Table LII. Number of Days with Maximum Air Temperature above 30° C. 26
第五十三表	降雪日數	Table LIII. Number of Days with Snow. 26
第五十四表	降霜日數	Table LIV. Number of Days with Frost. 26
第五十五表	雹霰日數	Table LV. Number of Days with Hail or Graupel. 26
第五十六表	濃霧日數	Table LVI. Number of Days with Fog. 27
第五十七表	電雷日數	Table LVII. Number of Days with Thunder Storm. 27
第五十八表	五日以上連續シテ雨雪降ラサリ日數	Table LVIII. Continuance of Days with Precipitation, 5 Days, or more. 27
第五十九表	十日以上連續シテ雨雪降ラサリ日數	Table LIX. Continuance of Days without Precipitation, 10 Days, or more. 28

概 況

第一表

GENERAL RESULTS.

TABLE I

月	晴 雨 計 BAROMETER mm *					空 氣 之 溫 度 AIR TEMPERATURE °C										
	平均 Mean	極 Absolute				平均 Mean	平均 Mean			最大 Max.		極 Absolute				
		最高 Max.	日年 Date	最低 Min.	日年 Date		最高 Max.	最低 Min.	較差 Range	較差 Range	日年 Date	最高 Max.	日年 Date	最低 Min.	日年 Date	較差 Range
一月	765.68	773.9	6 89	754.0	28 90	5.76	9.73	1.86	7.87	17.2	6 88	18.3	7 88	94.3	15 88	23.5
二月	765.14	773.8	16 87	749.3	28 91	5.89	9.92	1.89	8.03	15.7	16 91	18.7	17 90	95.5	3 88	23.2
三月	763.76	772.2	14 89	751.4	12 87	8.77	13.25	4.02	9.23	17.1	20 88	22.5	28 88	98.1	3 87	24.4
四月	761.10	769.8	3 90	750.8	12 87	13.41	17.70	9.10	8.58	18.5	22 91	26.7	29 90	99.3	5 87	27.4
五月	758.73	768.3	3 89	746.9	16 88	16.69	21.20	12.16	9.04	17.3	31 89	28.8	27 91	5.2	3 89	23.6
六月	755.74	765.4	3 87	743.7	3 88	20.95	24.91	17.15	7.76	14.3	-5 88	33.4	23 90	10.1	8 91	23.3
七月	756.43	762.7	14 90	731.7	30 88	24.84	28.56	21.81	6.75	12.1	30 87	33.6	11 91	14.3	10 90	19.3
八月	756.37	764.5	3 89	738.9	3 87	26.00	29.98	22.64	7.35	12.2	20 88	34.6	20 88	18.2	19 91	16.4
九月	758.37	766.4	25 88	731.6	14 91	22.72	26.56	19.22	7.33	13.0	14 89	33.8	4 88	13.5	26 87	20.3
十月	762.28	773.8	24 88	745.5	22 87	17.40	21.78	13.29	8.49	15.7	29 88	27.7	21 89	5.1	23 88	22.6
十一月	765.25	776.0	28 91	746.6	21 88	12.61	17.75	7.80	9.95	15.9	15 91	24.3	6 91	99.1	1 89	24.9
十二月	763.59	775.8	6 91	754.3	13 90	8.64	13.47	4.06	9.41	18.9	15 91	20.9	28 90	96.6	25 91	24.3
全年 Annual	761.20	776.0	28 XI 91	731.7	30 VII 88	15.32	19.57	11.25	8.31	18.9	15 XII 91	34.6	20 VIII 88	94.6	15 I 88	23.8

月	水 蒸 氣 之 張 力 TENSION OF VAPOUR mm					濕 度 HUMIDITY %			雨 雪 量 PRECIPITATION mm				雲 量 CLOUD Amount	
	平均 Mean	極 Absolute				平均 Mean	極 Absolute		平均 Mean	最 多 Maximum				平均 Mean 0-10
		最高 Max.	日年 Date	最低 Min.	日年 Date		最低 Min.	日年 Date		二十四 時間 in 24 h.	日年 Date	四時間 in 4 h.		
一月	5.03	10.5	11 87	2.3	28 91	71.2	22	26 91	43.74	35.7	24 87	15.3	29 87	5.46
二月	5.08	12.5	7 90	2.5	18 91	71.5	33	17 89	64.04	41.4	4 91	18.5	4 91	5.46
三月	6.50	12.9	23 90	2.5	26 89	75.0	26	26 89	109.44	90.5	28 90	54.4	28 90	5.09
四月	9.27	20.0	24 90	2.9	12 87	78.8	25	12 87	156.16	45.8	1 89	25.1	30 89	6.07
五月	11.08	18.5	31 89	3.8	1 87	78.3	32	12 88	169.42	72.3	4 90	27.3	5 90	5.65
六月	15.01	31.6	25 89	7.5	10 87	81.3	29	2 90	219.98	80.2	25 87	39.8	15 91	6.72
七月	19.79	30.7	25 91	9.6	10 90	84.9	48	13 90	320.28	132.3	27 90	81.9	30 88	6.61
八月	20.66	25.8	11 89	12.5	1 89	83.1	43	21 88	134.72	48.9	4 88	47.8	22 89	4.91
九月	17.20	25.0	12 91	8.7	30 89	83.2	44	6 88	218.34	181.8	11 88	78.4	11 88	6.18
十月	11.70	20.0	11 90	5.5	21 88, 30 89	77.4	41	3 88, 29 89	168.76	79.0	22 87	47.2	22 87	5.47
十一月	8.12	15.8	3 88	2.5	26 87	73.1	36	28 88	90.26	87.5	3 88	55.2	3 88	4.05
十二月	6.08	14.3	3 90	2.1	31 87	70.1	30	10 89, 9 90	86.94	114.3	3 90	64.5	2 90	4.75
全年 Annual	11.39	31.6	25 VI 89	2.1	31 XII 87	77.3	22	26 I 91	1775.08	181.8	11 IX 88	81.9	30 VII 88	5.54

月	風 WIND					類 別 日 數 NUMBER OF DAYS WITH											
	速 度 Velocity m.p.s.					平 均 Mean					雨 雪 量						
	平均 Mean	最强 Max.	方向 Dir.	日年 Date	日年 Date	方向 Direction	速度 Vel. m.p.s.	方向 Direction	回數 Int. %	雨 ●	雪 ▲	電 △	雷 ▽	快 =	曇 Clear	雲 Cloudy	霧 /
一月	2.79	10.0	W	29 89	N 54° 5' W	1.50	N 62° 0' W	3	8.0	3.2	0.8	—	0.2	5.4	6.8	0.8	7.9
二月	2.57	13.2	N	4 88	N 45° 9' W	1.30	N 55° 5' W	3	9.2	2.6	1.0	—	0.6	3.0	6.4	0.6	5.0
三月	2.45	13.7	SW	17 88	N 41° 9' W	0.88	N 58° 7' W	2	11.6	0.8	0.2	0.2	0.6	7.2	9.0	0.8	6.0
四月	2.01	12.5	SW	24 90	N 15° 9' W	0.44	N 4° 3' W	2	15.2	0.3	—	0.8	3.4	4.4	11.8	0.4	0.8
五月	1.88	10.6	SSE	31 91	N 28° 8' E	1.06	N 33° 8' E	1	12.2	—	—	0.4	1.2	6.2	9.2	0.4	—
六月	1.94	12.2	WSW	24 91	N 13° 4' W	1.96	N 37° 7' E	6	11.6	—	—	0.8	1.4	2.4	12.4	0.6	—
七月	1.83	18.7	NE	30 88	S 72° 4' E	0.96	N 33° 8' E	1	13.4	—	—	3.2	1.8	3.2	14.0	0.6	—
八月	2.03	12.2	SE	3 91	S 59° 7' E	0.52	N 71° 2' E	10	11.3	—	—	1.4	2.4	4.6	6.0	0.4	—
九月	1.96	22.9	SE	14 91	N 25° 8' E	1.14	S 25° 8' E	10	13.0	—	—	1.4	0.4	3.4	11.2	1.4	—
十月	1.98	13.6	W	21 89	N 32° 6' W	0.90	S 29° 7' E	4	8.8	—	—	0.3	0.4	5.2	9.0	0.6	0.8
十一月	2.34	16.5	NW	21 88	N 80° 3' W	0.80	S 62° 7' W	2	7.2	0.8	—	—	8.4	4.4	0.4	3.2	
十二月	2.64	13.6	N	1 88	N 76° 6' W	1.14	S 84° 4' W	3	9.2	0.8	0.4	0.2	—	6.5	6.8	1.8	5.4
全年 Annual	2.21	22.9	SE	14 IX 91	N 45° 5' W	0.66	N 63° 3' W	12	130.6	7.0	3.4	8.6	12.4	60.0	107.0	8.6	23.7

風力ノ修正: -0.73, 湿度ノ修正: +0.76 * Reduction of barometer: to standard gravity, -0.73; to mean sea level, +0.76
 速度ニテ計算シテ得ル者トシテ示ス * Computed with velocity. 回數ニテ計算シテ得ル者トシテ示ス * Computed with number of observations.

自明治二十年至全二十四年大分氣象五年報
RESULTS OF THE METEOROLOGICAL OBSERVATIONS AT OITA, FOR THE FIVE YEARS 1887-1891.

晴雨計(種)
BAROMETER (700 mm +)

第二表 觀測時月平均 MONTHLY MEANS AT EACH TIME OF OBSERVATIONS. TABLE II

Table with columns for Year (1887-1891), Hour (2a, 6a, 10a, 2p, 6p, 10p, Mean), and months (January to December). It contains barometric pressure readings for various times of day across five years.

自明治二十年至全二十四年大分氣象五年報
RESULTS OF THE METEOROLOGICAL OBSERVATIONS AT OITA, FOR THE FIVE YEARS 1887-1891.

晴雨計(種)
BAROMETER (700 mm +)

第二表(續) 五ヶ年平均 MEANS OF 5 YEARS. TABLE II (Continued)

Table with columns for Hour or Year, Month (Jan-Dec), and Annual. It shows the mean barometric pressure for each month and the overall annual mean across five years.

第三表 每月平均 MONTHLY MEANS. TABLE III

Table with columns for Year (1887-1891), Hour, and months (Jan-Dec). It shows the mean barometric pressure for each hour and month, along with a section for 'Deviation from the means of 5 years'.

第四表 每月最高 MONTHLY MAXIMUM. TABLE IV

Table with columns for Year (1887-1891) and months (Jan-Dec). It shows the maximum barometric pressure recorded for each month.

第五表 每月最低 MONTHLY MINIMUM. TABLE V

Table with columns for Year (1887-1891) and months (Jan-Dec). It shows the minimum barometric pressure recorded for each month.

第六表 每月較差 MONTHLY RANGE. TABLE VI

Table with columns for Year (1887-1891) and months (Jan-Dec). It shows the range (difference between maximum and minimum) of barometric pressure for each month.

自明治二十年至全二十四年大分氣象五年報
RESULTS OF THE METEOROLOGICAL OBSERVATIONS AT OITA, FOR THE FIVE YEARS 1887-1891.

空氣之溫度 (攝氏)
AIR TEMPERATURE (°C)

第七表 觀測時月平均 MONTHLY MEANS AT EACH TIME OF OBSERVATIONS. TABLE VII

Table with columns for Year, Hour, and months (January to December). Rows show monthly means for years 1887-1891 and a 5-year mean. Includes sub-sections for each month and an annual summary.

自明治二十年至全二十四年大分氣象五年報
RESULTS OF THE METEOROLOGICAL OBSERVATIONS AT OITA, FOR THE FIVE YEARS 1887-1891.

空氣之溫度 (攝氏)
AIR TEMPERATURE (°C)

第七表 (續) 五少年平均 MEANS OF 5 YEARS. TABLE VII (Continued)

Table showing monthly means for years 1887-1891 and a 5-year mean. Columns include Month, Year, and Annual mean.

第八表 每月平均 MONTHLY MEANS. TABLE VIII

Table showing monthly means for years 1887-1891 and a 5-year mean. Columns include Year, Month, and Annual mean.

五少年平均 = 對スル各年ノ高低 Deviation from the means of 5 years.

Table showing deviations from the 5-year mean for each month and year.

第九表 每日最高ノ平均 MEAN DAILY MAXIMUM. TABLE IX

Table showing mean daily maximum temperatures for years 1887-1891 and a 5-year mean.

五少年平均 = 對スル各年ノ高低 Deviation from the means of 5 years.

Table showing deviations from the 5-year mean for daily maximum temperatures.

第十表 每日最低ノ平均 MEAN DAILY MINIMUM. TABLE X

Table showing mean daily minimum temperatures for years 1887-1891 and a 5-year mean.

五少年平均 = 對スル各年ノ高低 Deviation from the means of 5 years.

Table showing deviations from the 5-year mean for daily minimum temperatures.

自明治二十年至全二十四年大分氣象五年報
RESULTS OF THE METEOROLOGICAL OBSERVATIONS AT OITA, FOR THE FIVE YEARS 1887-1891.

空氣之溫度 (攝氏)

AIR TEMPERATURE (°C)

第十一表 每日較差ノ平均 MEAN DAILY RANGE. TABLE XI

Table with 14 columns: Year, Month (Jan-Dec), Annual. Rows for years 1887-1891 and Mean. Includes a section for deviation from the means of 5 years.

第十二表 每日最大較差 MAXIMUM DAILY RANGE. TABLE XII

Table with 14 columns: Year, Abs., and 12 months. Rows for years 1887-1891 and Mean.

第十三表 每月最高 MONTHLY MAXIMUM. TABLE XIII

Table with 14 columns: Year, Abs., and 12 months. Rows for years 1887-1891 and Mean.

第十四表 每月最低 MONTHLY MINIMUM. TABLE XIV

Table with 14 columns: Year, Abs., and 12 months. Rows for years 1887-1891 and Mean.

第十五表 每月較差 MONTHLY RANGE. TABLE XV

Table with 14 columns: Year, Abs., and 12 months. Rows for years 1887-1891 and Mean.

自明治二十年至全二十四年大分氣象五年報
RESULTS OF THE METEOROLOGICAL OBSERVATIONS AT OITA, FOR THE FIVE YEARS 1887-1891.

水蒸氣之張力 (托)

TENSION OF VAPOUR (mm)

第十六表 觀測時月平均 MONTHLY MEANS AT EACH TIME OF OBSERVATIONS. TABLE XVI

Large table with columns for Year, Hour (2a, 6a, 10a, 2p, 6p, 10p), Mean, and months (Jan-Dec). Rows for years 1887-1891 and Mean.

自明治二十年至全二十四年大分氣象五年報
RESULTS OF THE METEOROLOGICAL OBSERVATIONS AT OITA, FOR THE FIVE YEARS 1887-1891.

水蒸氣之張力 (mm)
TENSION OF VAPOUR (mm)

第十六表 (續) 五ヶ年平均 MEANS OF 5 YEARS. TABLE XVI (Continued)

Table with 13 columns: Month (Jan-Dec), Annual Mean. Rows include hourly observations (2a, 6a, 10a, 2p, 6p, 10p) and monthly means for years 1887-1891 and a 5-year average.

第十七表 每月平均 MONTHLY MEANS. TABLE XVII

Table with 13 columns: Year (1887-1891), Annual Mean. Rows show monthly means for each year and a 5-year average.

五ヶ年平均ニ對スル各年ノ高低 Deviation from the means of 5 years.

Table with 13 columns: Year (1887-1891), Annual Mean. Rows show deviations from the 5-year mean for each month.

第十八表 每月最高 MONTHLY MAXIMUM. TABLE XVIII

Table with 13 columns: Year (1887-1891), Annual Abs. Rows show monthly maximum values for each year and an absolute maximum.

第十九表 每月最低 MONTHLY MINIMUM. TABLE XIX

Table with 13 columns: Year (1887-1891), Annual Abs. Rows show monthly minimum values for each year and an absolute minimum.

第二十表 每月較差 MONTHLY RANGE. TABLE XX

Table with 13 columns: Year (1887-1891), Annual Abs. Rows show monthly range (difference between max and min) for each year and an absolute range.

自明治二十年至全二十四年大分氣象五年報
RESULTS OF THE METEOROLOGICAL OBSERVATIONS AT OITA, FOR THE FIVE YEARS 1887-1891.

濕度 (百分率)
RELATIVE HUMIDITY (%)

第二十一表 觀測時月平均 MONTHLY MEANS AT EACH TIME OF OBSERVATIONS. TABLE XXI

Large table with 17 columns: Hour (2a, 6a, 10a, 2p, 6p, 10p), Mean, and months (Jan-Dec). Rows include hourly observations for years 1887-1891 and monthly means for each month.

自明治二十年至全二十四年大分氣象五年報
RESULTS OF THE METEOROLOGICAL OBSERVATIONS AT OITA, FOR THE FIVE YEARS 1887-1891.

濕 度 (百分率)
RELATIVE HUMIDITY (%)

第二十一表 (續) 五ヶ年平均 MEANS OF 5 YEARS. TABLE XXI (Continued)

Table with 14 columns: Month (Jan-Dec, Annual), and 14 rows: Hour (2a, 6a, 10a, 2p, 6p, 10p, Mean). Data represents relative humidity percentages.

第二十二表 每月平均 MONTHLY MEANS. TABLE XXII

Table with 14 columns: Year (1887-1891, Mean), and 14 rows: Month (Jan-Dec, Annual). Data represents monthly mean relative humidity.

五ヶ年平均ニ對スル各年ノ高低 Deviation from the means of 5 years.

Table with 14 columns: Year (1887-1891, Mean), and 14 rows: Month (Jan-Dec, Annual). Data represents deviation from the 5-year mean.

第二十三表 每月最低 MONTHLY MINIMUM. TABLE XXIII

Table with 14 columns: Year (1887-1891, Abs.), and 14 rows: Month (Jan-Dec, Annual). Data represents monthly minimum relative humidity.

自明治二十年至全二十四年大分氣象五年報
RESULTS OF THE METEOROLOGICAL OBSERVATIONS AT OITA, FOR THE FIVE YEARS 1887-1891.

雲 量 (自零至十)
AMOUNT OF CLOUD (0-10)

第二十四表 觀測時月平均 MONTHLY MEANS AT EACH TIME OF OBSERVATIONS. TABLE XXIV

Large table with 18 columns: Hour (2a, 6a, 10a, 2p, 6p, 10p, Mean), and 18 rows: Year (1887-1891, Mean) for each month (Jan-Dec, Annual). Data represents cloud amount.

自明治二十年至全二十四年大分氣象五年報
RESULTS OF THE METEOROLOGICAL OBSERVATIONS AT OITA, FOR THE FIVE YEARS 1887-1891.

雲量 (自零至十)
AMOUNT OF CLOUD (0-10)

第二十四表 (續) 五ヶ年平均 MEANS OF 5 YEARS. TABLE XXIV (Continued)

Table with 14 columns: Month (Jan-Dec), Annual Mean, and 14 rows of data for years 1887-1891 and a mean row.

第二十五表 每月平均 MONTHLY MEANS. TABLE XXV

Table with 14 columns: Year (1887-1891), Annual Mean, and 14 rows of monthly mean data.

五ヶ年平均ニ對スル各年ノ高低 Deviation from the means of 5 years.

Table with 14 columns: Year (1887-1891), Annual Mean, and 14 rows of deviation data.

第二十六表 快晴日數 (雲量二以下) NO. OF CLEAR DAYS (Amount < 2) TABLE XXVI

Table with 14 columns: Year (1887-1891), Annual Mean, and 14 rows of clear days data.

第二十七表 曇天日數 (雲量八以上) NO. OF CLOUDY DAYS (Amount > 8) TABLE XXVII

Table with 14 columns: Year (1887-1891), Annual Mean, and 14 rows of cloudy days data.

自明治二十年至全二十四年大分氣象五年報
RESULTS OF THE METEOROLOGICAL OBSERVATIONS AT OITA, FOR THE FIVE YEARS 1887-1891.

雨雪 (尺)
PRECIPITATION (mm)

第二十八表 觀測時月總量 MONTHLY AMOUNTS AT EACH TIME OF OBSERVATIONS. TABLE XXVIII

Large table with 18 columns: Hour (2a, 6a, 10a, 2p, 6p, 10p), Total, and 18 rows of precipitation data for each month and year.

自明治二十年至全二十四年大分氣象五年報
RESULTS OF THE METEOROLOGICAL OBSERVATIONS AT OITA, FOR THE FIVE YEARS 1887-1891.

雨雪 (mm)
PRECIPITATION (mm)

第二十八表 (續) 五ヶ年平均 MEANS OF 5 YEARS. TABLE XXVIII (Continued)

Table with 14 columns: 月 (Month), 一 (Jan.), 二 (Feb.), 三 (Mar.), 四 (Apr.), 五 (May), 六 (June), 七 (July), 八 (Aug.), 九 (Sept.), 十 (Oct.), 十一 (Nov.), 十二 (Dec.), 全年 (Annual). Rows include monthly precipitation for years 1887-1891 and a 5-year mean.

第二十九表 毎月ノ量 MONTHLY AMOUNT. TABLE XXIX

Table with 14 columns: 年 (Year), 一月 (Jan.), 二月 (Feb.), 三月 (Mar.), 四月 (Apr.), 五月 (May), 六月 (June), 七月 (July), 八月 (Aug.), 九月 (Sept.), 十月 (Oct.), 十一月 (Nov.), 十二月 (Dec.), 全年 (Annual). Rows include monthly precipitation for years 1887-1891 and a 5-year mean.

五ヶ年平均ニ對スル各年ノ多少 Deviation from the means of 5 years.

Table with 14 columns: 年 (Year), 一月 (Jan.), 二月 (Feb.), 三月 (Mar.), 四月 (Apr.), 五月 (May), 六月 (June), 七月 (July), 八月 (Aug.), 九月 (Sept.), 十月 (Oct.), 十一月 (Nov.), 十二月 (Dec.), 全年 (Annual). Rows show deviations from the 5-year mean for years 1887-1891.

第三十表 一日ノ最多量 MAXIMUM AMOUNT IN A DAY. TABLE XXX

Table with 14 columns: 年 (Year), 一月 (Jan.), 二月 (Feb.), 三月 (Mar.), 四月 (Apr.), 五月 (May), 六月 (June), 七月 (July), 八月 (Aug.), 九月 (Sept.), 十月 (Oct.), 十一月 (Nov.), 十二月 (Dec.), 全年 (Annual). Rows include maximum daily precipitation for years 1887-1891 and a 5-year mean.

第三十一表 四時間ノ最多量 MAXIMUM AMOUNT IN 4 HOURS. TABLE XXXI

Table with 14 columns: 年 (Year), 一月 (Jan.), 二月 (Feb.), 三月 (Mar.), 四月 (Apr.), 五月 (May), 六月 (June), 七月 (July), 八月 (Aug.), 九月 (Sept.), 十月 (Oct.), 十一月 (Nov.), 十二月 (Dec.), 全年 (Annual). Rows include maximum 4-hour precipitation for years 1887-1891 and a 5-year mean.

第三十二表 一日ノ量30mm以上ニ及ビタル回数 NO. OF DAYS WITH AMOUNT >30 mm IN A DAY. TABLE XXXII

Table with 14 columns: 年 (Year), 一月 (Jan.), 二月 (Feb.), 三月 (Mar.), 四月 (Apr.), 五月 (May), 六月 (June), 七月 (July), 八月 (Aug.), 九月 (Sept.), 十月 (Oct.), 十一月 (Nov.), 十二月 (Dec.), 全年 (Annual). Rows include the number of days with precipitation >30mm for years 1887-1891 and a 5-year mean.

第三十三表 四時間ノ量10mm以上ニ及ビタル回数 NO. OF DAYS WITH AMOUNT >10 mm IN 4 HOURS. TABLE XXXIII

Table with 14 columns: 年 (Year), 一月 (Jan.), 二月 (Feb.), 三月 (Mar.), 四月 (Apr.), 五月 (May), 六月 (June), 七月 (July), 八月 (Aug.), 九月 (Sept.), 十月 (Oct.), 十一月 (Nov.), 十二月 (Dec.), 全年 (Annual). Rows include the number of days with precipitation >10mm in 4 hours for years 1887-1891 and a 5-year mean.

自明治二十年至全二十四年大分氣象五年報
RESULTS OF THE METEOROLOGICAL OBSERVATIONS AT OITA, FOR THE FIVE YEARS 1887-1891.

雨雪
PRECIPITATION.

第三十四表 観測時ノ量0.1mm以上ニ及ビタル回数 NUMBER OF OBSERVATIONS WITH AMOUNT >0.1 mm. TABLE XXXIV

Large table with 14 columns: 年 (Year), 月 (Month), 午前二時 (2a), 午前六時 (6a), 午前十時 (10a), 午後二時 (2p), 午後六時 (6p), 午後十時 (10p), 總計 (Total). Rows include monthly observation counts for years 1887-1891 and a 5-year mean.

第三十五表 観測時ノ量0.1mm以下ニ及ビタル回数 NO. OF OBSERVATIONS WITH AMOUNT <0.1 mm. TABLE XXXV

Table with 8 columns: 年 (Year), 午前二時 (2a), 午前六時 (6a), 午前十時 (10a), 午後二時 (2p), 午後六時 (6p), 午後十時 (10p), 總計 (Total). Rows include observation counts for years 1887-1891 and a 5-year mean.

第三十六表 一日ノ量0.1mm以上ニ及ビタル日数 NO. OF DAYS WITH AMOUNT >0.1 mm IN A DAY. TABLE XXXVI

Table with 14 columns: 年 (Year), 一月 (Jan.), 二月 (Feb.), 三月 (Mar.), 四月 (Apr.), 五月 (May), 六月 (June), 七月 (July), 八月 (Aug.), 九月 (Sept.), 十月 (Oct.), 十一月 (Nov.), 十二月 (Dec.), 全年 (Annual). Rows include the number of days with precipitation >0.1mm for years 1887-1891 and a 5-year mean.

第三十七表 一日ノ量0.1mm以下ニ及ビタル日数 NO. OF DAYS WITH AMOUNT <0.1 mm IN A DAY. TABLE XXXVII

Table with 14 columns: 年 (Year), 一月 (Jan.), 二月 (Feb.), 三月 (Mar.), 四月 (Apr.), 五月 (May), 六月 (June), 七月 (July), 八月 (Aug.), 九月 (Sept.), 十月 (Oct.), 十一月 (Nov.), 十二月 (Dec.), 全年 (Annual). Rows include the number of days with precipitation <0.1mm for years 1887-1891 and a 5-year mean.

自明治二十年至全二十四年大分氣象五年報
RESULTS OF THE METEOROLOGICAL OBSERVATIONS AT OITA, FOR THE FIVE YEARS 1887-1891.

風 向
DIRECTION OF WIND.

第三十八表 各風向觀測回數
NO. OF OBSERVATIONS UNDER EACH DIRECTION. TABLE XXXVIII

Table with columns for Direction (North, NNE, NE, ENE, E, ESE, SE, SSE, S, SSW, SW, WSW, W, WNW, NW, NNW, Calm) and rows for months (January to September) and years (1887-1891), including mean values.

自明治二十年至全二十四年大分氣象五年報
RESULTS OF THE METEOROLOGICAL OBSERVATIONS AT OITA, FOR THE FIVE YEARS 1887-1891.

風 向
DIRECTION OF WIND.

第三十八表(續) 各風向觀測回數
NO. OF OBSERVATIONS UNDER EACH DIRECTION. TABLE XXXVIII (Continued)

Table with columns for Direction (North, NNE, NE, ENE, E, ESE, SE, SSE, S, SSW, SW, WSW, W, WNW, NW, NNW, Calm) and rows for months (October to December) and years (1887-1891), including mean values.

五ヶ年平均 MEANS OF 5 YEARS.

Summary table showing mean values for each direction across the five-year period (1887-1891).

第三十九表 觀測回數ノ百分率 PERCENTAGE OF NUMBERS OF OBSERVATIONS. TABLE XXXIX

Table showing the percentage of observations for each direction across the five-year period (1887-1891).

自明治二十年至全二十四年大分氣象五年報
RESULTS OF THE METEOROLOGICAL OBSERVATIONS AT OITA, FOR THE FIVE YEARS 1887-1891.

風 速 度 (一秒時間米)
VELOCITY OF WIND (m. p. s.)

第四十表

每月各方向別平均
MONTHLY MEANS UNDER EACH DIRECTION.

TABLE XL

Table with columns for Direction (North, NNE, NE, ENE, E, ESE, SE, SSE, S, SSW, SW, WSW, W, WNW, NW, NNW, Calm) and rows for months (January to September) and years (1887-1891). Includes a '平均 Mean' row for each month.

自明治二十年至全二十四年大分氣象五年報
RESULTS OF THE METEOROLOGICAL OBSERVATIONS AT OITA, FOR THE FIVE YEARS 1887-1891.

風 速 度 (一秒時間米)
VELOCITY OF WIND (m. p. s.)

第四十表 (續)

每月各方向別平均
MONTHLY MEANS UNDER EACH DIRECTION.

TABLE XL (Continued)

Table with columns for Direction (North, NNE, NE, ENE, E, ESE, SE, SSE, S, SSW, SW, WSW, W, WNW, NW, NNW, Calm) and rows for months (October to December) and years (1887-1891). Includes a '平均 Mean' row for each month. Below the table is a section for '五 年 平 均 MEANS OF 5 YEARS' with a grid of monthly averages.

自明治二十年至全二十四年大分氣象五年報
RESULTS OF THE METEOROLOGICAL OBSERVATIONS AT OITA, FOR THE FIVE YEARS 1887-1891.

風 速 度 (一秒時間米)
VELOCITY OF WIND (m. p. s.)

第四十一表 觀測時月平均 MONTHLY MEANS AT EACH TIME OF OBSERVATIONS. TABLE XLI

Table with columns for Year (1887-1891), Hour (2a, 6a, 10a, 2p, 6p, 10p), and Mean. Rows are organized by month (January to December) and then by year.

自明治二十年至全二十四年大分氣象五年報
RESULTS OF THE METEOROLOGICAL OBSERVATIONS AT OITA, FOR THE FIVE YEARS 1887-1891.

風 速 度 (一秒時間米)
VELOCITY OF WIND (m. p. s.)

第四十一表 (續) 五ヶ年平均 MEANS OF 5 YEARS. TABLE XLI (Continue.)

Table with columns for Month (Jan-Dec) and Hour (2a, 6a, 10a, 2p, 6p, 10p), and Mean. Rows are organized by hour and then by month.

第四十二表 每月最強 MONTHLY MAXIMUM. TABLE XLII

Table with columns for Year (1887-1891), Month (Jan-Dec), and Maximum Wind (Velocity, Direction, Day). Rows are organized by year and then by month.

第四十三表 每日平均(時) DIURNAL MEANS (km) TABLE XLIII

Table with columns for Year (1887-1891) and Month (Jan-Dec), and Diurnal Mean. Rows are organized by year and then by month.

自明治二十年至全二十四年大分氣象五年報
RESULTS OF THE METEOROLOGICAL OBSERVATIONS AT OITA, FOR THE FIVE YEARS 1887-1891.

平均風向及速度 (一秒時間米)

MEAN DIRECTION AND VELOCITY (m. p. s.) OF WIND.

第四十四表 觀測時月平均 MONTHLY MEANS AT EACH TIME OF OBSERVATIONS. TABLE XLIV

Table with columns for Month, Hour, and wind direction/velocity (Mean, 2a, 6a, 10a, 2p, 6p, 10p). Rows include months from January to September and an annual average.

自明治二十年至全二十四年大分氣象五年報
RESULTS OF THE METEOROLOGICAL OBSERVATIONS AT OITA, FOR THE FIVE YEARS 1887-1891.

平均風向及速度 (一秒時間米)

MEAN DIRECTION AND VELOCITY (m. p. s.) OF WIND.

第四十四表(續) 觀測時月平均 MONTHLY MEANS AT EACH TIME OF OBS. TABLE XLIV (Continued)

Table with columns for Month, Hour, and wind direction/velocity (Mean, 2a, 6a, 10a, 2p, 6p, 10p). Rows include months from October to December and an annual average.

五ヶ年平均 MEANS OF 5 YEARS.

Table with columns for Year (1887-1891) and wind direction/velocity (Mean, 2a, 6a, 10a, 2p, 6p, 10p).

第四十五表 每月平均 MONTHLY MEANS. TABLE XLV

Table with columns for Year (1887-1891) and wind direction/velocity (Mean, 2a, 6a, 10a, 2p, 6p, 10p).

自明治二十年至全二十四年大分氣象五年報
RESULTS OF THE METEOROLOGICAL OBSERVATIONS AT OITA, FOR THE FIVE YEARS 1887-1891.

暴風回数

第四十六表

NUMBER OF GALES.

TABLE XLVI

Table with columns for months (日數), wind velocity (10-15 m.p.s. and >15 m.p.s.), and gales. Includes data for years 1887-1891 and a mean row.

各方向別暴風時數

第四十七表 NO. OF HOURS WITH GALES UNDER EACH DIRECTION. TABLE XLVII

Table showing hours with gales by direction (North, East, South, West) and wind velocity. Includes data for years 1887-1891 and a mean row.

自明治二十年至全二十四年大分氣象五年報
RESULTS OF THE METEOROLOGICAL OBSERVATIONS AT OITA, FOR THE FIVE YEARS 1887-1891.

雜表

MISCELLANEOUS RESULTS.

第四十八表

中旬期平均
FIVE DAY MEANS.

TABLE XLVIII

Table showing five-day means for various meteorological data (Barometer, Air Temperature, Rel. Hum., Precipitation) by month and period. Includes data for years 1887-1891 and a mean row.

空氣ノ最低温度氷點以下ノ日數

第四十九表 NUMBER OF DAYS WITH MINIMUM AIR TEMPERATURE BELOW 0° C. TABLE XLIX

Table showing the number of days with minimum air temperature below 0°C by month and year. Includes data for years 1887-1891 and a mean row.

空氣ノ平均温度氷點以下ノ日數

第五十表 NUMBER OF DAYS WITH MEAN AIR TEMPERATURE BELOW 0° C. TABLE L

Table showing the number of days with mean air temperature below 0°C by month and year. Includes data for years 1887-1891 and a mean row.

自明治二十年至全二十四年大分氣象五年報
RESULTS OF THE METEOROLOGICAL OBSERVATIONS AT OITA, FOR THE FIVE YEARS 1887-1891.

雜 表

MISCELLANEOUS RESULTS.

Table with columns for Year, Month, and various meteorological data points.

第五十一表 空氣ノ平均温度二十五度以上ノ日數 TABLE LI

Table LI: Data for days with mean air temperature above 25°C.

第五十二表 空氣ノ最高温度三十度以上ノ日數 TABLE LII

Table LII: Data for days with maximum air temperature above 30°C.

Table with columns for Year, Month, and various meteorological data points.

第五十三表 降雪日數 TABLE LIII

Table LIII: Data for days with snow.

第五十四表 降霜日數 TABLE LIV

Table LIV: Data for days with frost.

第五十五表 雹霰日數 TABLE LV

Table LV: Data for days with hail or graupel.

自明治二十年至全二十四年大分氣象五年報
RESULTS OF THE METEOROLOGICAL OBSERVATIONS AT OITA, FOR THE FIVE YEARS 1887-1891.

雜 表

MISCELLANEOUS RESULTS.

Table with columns for Year, Month, and various meteorological data points.

第五十六表 濃霧日數 TABLE LVI

Table LVI: Data for days with fog.

第五十七表 電雷日數 TABLE LVII

Table LVII: Data for days with thunder storm.

第五十八表 五日間以上連續シテ雨雪降リシ日數 TABLE LVIII

Table LVIII: Data for days with precipitation for 5 or more consecutive days.

自明治二十年至全二十四年大分氣象五年報
RESULTS OF THE METEOROLOGICAL OBSERVATIONS AT OITA, FOR THE FIVE YEARS 1887-1891.

雜 表
MISCELLANEOUS RESULTS.

第五十八表(續) 五日間以上連續シテ雨雪降リシ日數 TABLE LVIII (Continued)
CONTINUANCE OF DAYS WITH PRECIPITATION, 5 DAYS OR MORE.

年 明治 Year	自 From		至 to		日數 Number of Days	雨雪量 合計 Total Amt. of Precipi- tation	記 事 Remarks
	日 Day	月 Month	日 Day	月 Month			
廿 四 年 1891	11	IV	16	IV	6	42.6	降雨ナシ No rain 19th. 降雨ナシ No rain 9th. 降雨ナシ No rain 23rd.
	29	IV	4	V	6	32.4	
	29	VI	4	VII	6	40.8	
	9	VII	16	VII	8	124.3	
	1	VIII	5	VIII	5	106.6	
	16	VIII	24	VIII	9	151.5	
	7	IX	15	IX	9	211.5	
	17	IX	25	IX	8	63.8	

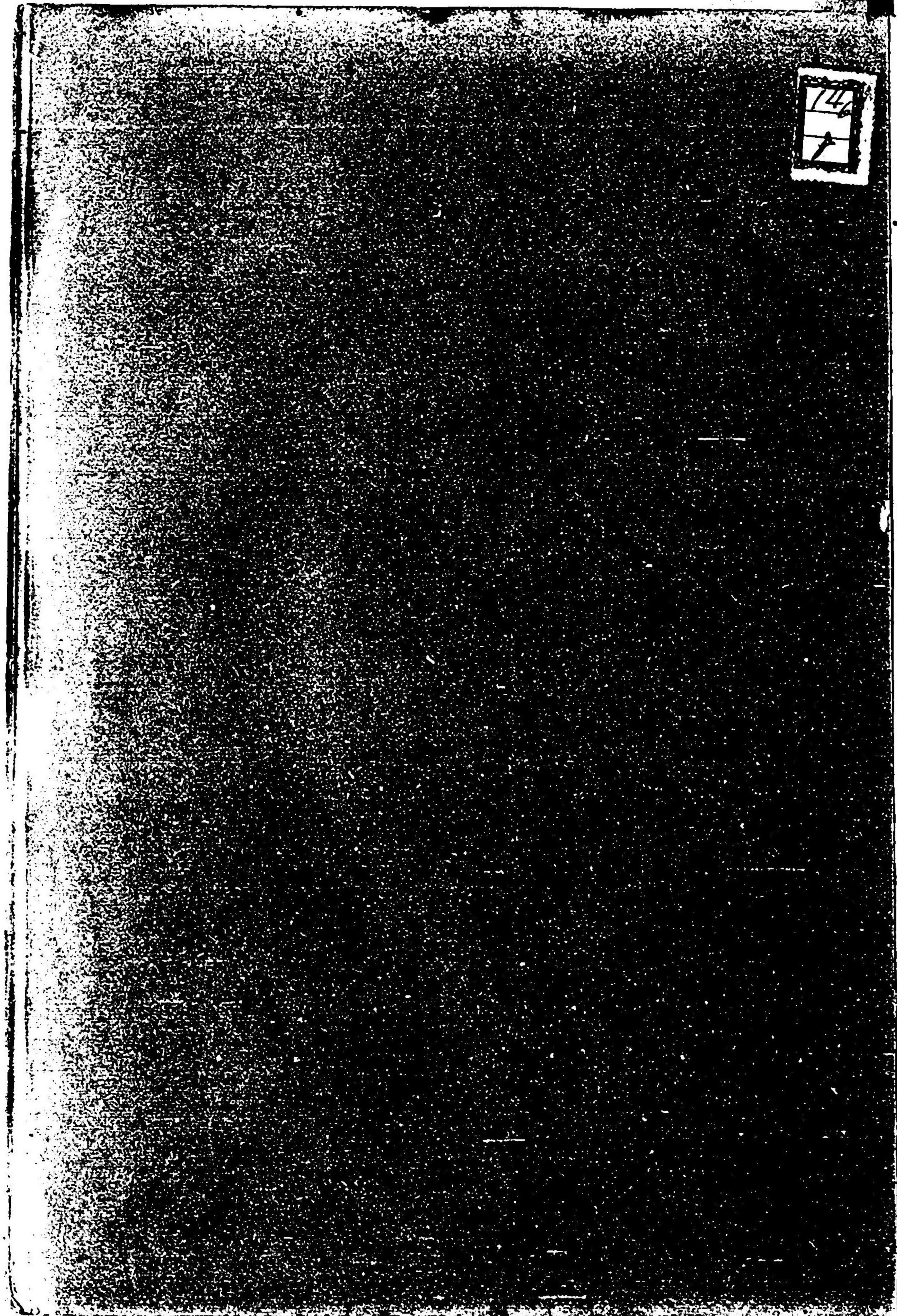
第五十九表 十日間以上連續シテ雨雪降ラサリシ日數 TABLE LIX
CONTINUANCE OF DAYS WITHOUT PRECIPITATION, 10 DAYS OR MORE.

年 明治 Year	自 From		至 to		日數 Number of Days	記 事 Remarks
	日 Day	月 Month	日 Day	月 Month		
二十年 1887	15	II	26	II	12	
	19	III	31	III	13	
	23	IX	4	X	16	
	24	XI	9	XII	12	
廿一年 1888	1	I	16	I	16	
	18	I	2	II	16	
	8	VII	21	VII	11	
	10	VIII	23	VIII	11	
	21	IX	5	X	15	
廿二年 1889	27	VII	10	VIII	15	
	29	X	8	XI	11	
廿三年 1890	15	I	25	I	11	
廿四年 1891	5	V	14	V	10	● * 0.0 14th. ● * 0.0 30th, 8th.
	5	VI	14	VI	10	
	6	VIII	15	VIII	10	
	30	IX	13	X	14	
	11	XI	21	XI	11	

明治廿七年六月廿五日印刷
明治廿七年七月十二日發行

大分縣大分測候所

印刷者 多田三彌
東京市京橋區山城町八番地惠愛堂



124
A

