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農林省林業試驗場編
木林林治水試驗地氣象年表 第二十五號
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森林治水試験地氣象年表

第二十五號

昭和十二年

農林省林業試驗場

METEOROLOGICAL OBSERVATIONS

IN THE

FOREST HYDROLOGICAL STATIONS

FOR

THE YEAR 1937

PUBLISHED BY THE FORESTRY EXPERIMENTAL STATION

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本年表ハ昭和十二年中蘇州附近三箇所ノ蘇州治水試験地ニ於テ施行シタル氣象觀測ノ成績ヲ編纂シタルモノナリ
觀測ノ時刻及方法ハ各地ニ定メテ別ニ示シタルモノナリ要點ヲ擧クレハ
時刻ハ中央標準時即チ東經百三十五度ノ地ノ平時ニ據リ、夜半ヲ日限トスル二十四時制ヲ用フ



氣象觀測ハ七時、十四時、二十一時ノ三回ノ觀測定時トス、但シ地温ノ1.2米以上ノ深サノモノハ十四時一回、又蒸發量ハ七時、二十一時ノ二回ニ之ヲ行フ

治水試験地ニ於テ使用スル器械中、氣壓ハ山岳用水銀晴雨計、氣温、濕度ハ「フース」型乾濕計及同型最高及最低寒暖計ニ依リ、別ニ「リシャール」製自記器ヲ備ヘ、風速ハ「ロビンソン」型風力計ニ自記器ヲ裝置セルモノ、風向ハ自記風信器ニ依リ日照時數ハ「ジョルダン」式日照計ヲ用ヒ、地温ハ鐵管式寒暖計ヲ使用ス(但シ積雪期間中ハ鐵管ヲ指定ノ深サニ水平ニ埋メ、之ニ寒暖計ヲ挿入シテ觀測セル所アリ)

氣象表中各要素ノ記載方ニ就キ大要ヲ記スレハ

氣壓ハ耗ヲ以テ示シ、晴雨計示度ニ溫度ノ更正ノミヲ施シタルモノヲ掲ケ、其ノ平均値ハ定時三回實測ノ平均値ヲ掲ク

氣温及地温ハ攝氏ノ度ヲ以テ示シ、氷點以下ノ度數ハ之ヲ百ヨリ減シ其ノ餘數ヲ以テ示ス、例ヘハ氷點以下五度ハ九十五度ト記スルカ如シ、氣温ノ平均値ハ氣壓ト同シク定時三回實測ノ平均値、地温ハ0.3米ニ限り定時三回實測ノ平均値、其ノ他ハ十四時一回實測シタルモノヲ掲ク

氣温ノ最高及最低ハ最高及最低寒暖計ノ示度ニシテ、二十一時ニ讀取り復度スルモノトス

濕度ハ空氣中ニ水蒸氣ヲ含マサルヲ零トシ、飽和ニ達セルヲ百トシテ比例ヲ以テ示ス、其ノ平均値ハ氣温ト同様定時三回實測ノ平均値ヲ掲ク

水蒸氣張力ハ耗ヲ以テ示シ、其ノ平均値ハ三回實測ノ平均値ヲ掲ク

降水量及蒸發量ハ耗ヲ以テ示シ、毎日ノ量ハ前日二十一時ヨリ當日二十一時ニ至ルモノ、蒸發量月表中露天蒸發量缺測ノ日ハ日蔭蒸發量ニ()ヲ附シテ掲ク

風速度ハ一秒間米ヲ以テ表シ、二十一時限界ニヨル二十四時間全程ノ平均數ヲ示ス、最大風速度ハ實測並臨時觀測ニ據ル但シ風速ハ總テ正時前二十分間ノ平均トス

風ノ方向ハ十六方位ヲ用ヒ、實測ニ依ル一日三回ノ統計數ヲ掲ク

雲量ハ雲全クナキヲ零、全ク天ヲ覆ヘルヲ十トスル比例ヲ以テ示シ、其ノ平均値ハ三回ノ實測ニ依ル平均雲量ニ未滿ナル日ヲ快晴トシ、同8以上ノ日ヲ曇天トス、一日中日照全ク無カリシ日ヲ不顯晴トス

電雷日數ハ電光又ハ微弱ナル雷ノモノヲ除キタル日數ヲ掲ク

霧露日數ハ微弱ナルモノヲ除キタル日數ヲ掲ク

雪霜霜柱日數等ハ濃淡ヲ問ハズ現象アリタル日數ヲ掲ク

雨日數ハ降水量0.1耗以上ニシテ雨ノ現象アリタル日數トス

暴風日數ハ一日中ノ最大風速度十秒米以上ニ達シタル日數トス

表中×印ハ觀測ヲ缺ケルコトヲ示ス

Explanation

This meteorological table is the result of the meteorological observations made at the 13 Forest Hydrological Stations for the year 1937.

As to the time and method of observation for these stations, it is summarized as follows:—

The central standard time of Japanese Empire, i. e., the mean time for the longitude of 135° east of Greenwich is used and it is reckoned to 24 hours from the midnight, omitting the separation of A.M. and P.M., The times for the routine observation are 7^h, 14^h, and 21^h; the earth temperature for the depth of 1.2 metres or more is observed at 14^h and the evaporation of water at 7^h and 21^h.

Besides the direct observations taken thrice daily, the selfrecording instruments are equipped for important elements such as the pressure, temperature, humidity of air, the direction and speed of wind and precipitation.

For the sunshine, Jordan's recorder is used and for the observation of the earth temperature, an iron tube is buried vertically up to the nominated depth and the thermometer is hanged within it. At some places, the earth temperatures are observed for the season of lying snow by the thermometers inserted into the iron tubes buried horizontally at nominated depths.

As to the statistics, the followings are to be remarked:—

Air Pressure is given by m.m. of the mercury column and it is reduced only to 0°C; the daily mean is calculated from the direct observations.

Air Temperature and *Earth Temperature* are given by the degree of centigrade and readings below freezing point are given by numbers subtracted from 100 to avoid (-) sign; thus 95 stand for -5. The daily mean is calculated from the direct observations.

Relative Humidity is expressed by percentage to saturation; the daily mean is also taken from direct observations.

Tension of Vapour is given by m.m. of mercury column; the mean is taken from the direct observations.

Precipitation and *Evaporation* are expressed by m.m.; the daily amounts of them are those for 24 hours ending 21^h of the date. And for the missing of observations of free exposure evaporation in the monthly results, the shade evaporation is inserted with ().

Wind velocity is expressed by metres per second; the mean velocity for a day is calculated from the total course for 24 hours ending at 21^h and the *Maximum velocity* for a month is taken from the selfrecorder and it is calculated from readings for 20 minutes preceding every exact hour.

The *Direction of Wind* is taken according to the 16 cardinal points and its statistics are made from the direct observations.

The *Amount of Cloud* is given by the scale 0-10; the mean is taken from the tri-daily observations. The day on which the mean amount of cloud is less than 2 exclusive is taken as *Clear* and that on which the mean is greater than 8 inclusive as *Cloudy*.

When the sunshine recorder traces no sunshine, the day is counted to *Sunless*.

For the days with *Thunder*, the lightning only or slight thunder is omitted.

For the days with *Fog* and *Dew*, slight ones are omitted.

For the days with *Snow*, *Hoar frost*, *Ice column*, *e.t.c.* they are counted disregarding the intensities of phenomena.

For the days with *Rain*, such days on which the amount of precipitation exceeds 0.1 m.m. inclusive and the precipitation falls, partially at least, in the form of rain, are taken.

When the velocity of wind exceeds 10^m/sec, it is counted to *Gale*.

× indicates the missing of observation.

ILLUSTRATION OF SYMBOLS

- | | | | | |
|--------------|------------------------|--------------|--------------------|-----------|
| × Snow | ⚡ Thunder storm | □ Hoar frost | ☉ Ice in water pot | △ Graupel |
| ≡ Fog | ⊥ Ice column in ground | ▲ Hail | / Gale | △ Dew |
| ⊕ Snow drift | ⊙ Earthquake | ☑ Snow lying | | |

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昭和十二年氣象一覽表 SUMMARY OF THE YEAR 1937

所名 Stations	氣溫 Air Temperature			風 Wind		降水量 Precipitation 21-21 ^h		濕度 Relative Humidity		日照時數 Hours with Sunshine		平均雲量 Mean Am. of Cloud	平均蒸發量 Mean Am. of Evaporation	
	平均 Mean	最高 Max.	最低 Min.	平均 Mean	最大 Max.	全年 Annual	最大日量 Max. in 24 ^h	平均 Mean	最小 Min.	總計 Total	百分率 %			
霧島 Kirisima	14.2	30.3	95.5	2.6	16.3	ENE	272.7	130.5	78.7	24	1983.35	45	6.4	2.4
矢嶽 Yatake	13.6	31.0	93.1	1.5	10.3	SSE	2418.4	120.0	81.7	24	1825.99	41	6.9	3.0
小國 Oguni	12.9	32.4	90.3	1.3	11.1	SE	2013.9	110.6	83.4	27	1311.60	30	7.1	3.1
本山 Motoyama	13.7	33.6	94.7	0.9	12.5	E	2693.7	161.6	80.3	23	1822.78	41	7.5	2.4
智頭 Tizu	13.1	35.9	94.1	1.7	13.2	NNW	1870.7	138.3	79.0	25	1724.88	39	7.2	2.9
根尾 Neo	13.0	34.7	91.6	1.6	14.2	ESE	3934.1	318.5	78.6	20	1680.10	38	7.3	3.8
木祖 Kiso	8.2	30.9	86.8	3.3	16.1	NNE	1741.0	69.0	77.1	20	1989.12	45	6.9	3.1
伊香保 Ikaho	10.6	31.8	92.1	2.1	11.3	WNW	2128.2	258.1	75.5	26	2038.74	46	6.6	2.6
勝山 Katuyama	13.1	36.3	93.0	1.3	11.3	SE	2587.6	50.7	80.7	23	1644.73	37	7.2	3.4
十日町 Tōkamati	11.5	33.5	90.3	1.2	8.5	S	2907.8	84.9	82.8	26	1611.71	36	7.7	2.9
白河 Sirakawa	11.0	32.8	91.4	2.2	14.9	NNW	1450.8	103.0	75.9	24	1985.36	45	8.0	2.9
沼尻 Numaziri	8.1	30.3	86.3	1.8	13.3	NE	1842.6	147.4	81.7	25	1705.66	38	7.8	2.9
角館 Kakunodate	10.4	34.1	88.3	1.7	13.8	SW	2190.4	68.5	82.0	21	1770.80	40	7.1	2.8

所名 Stations	雜象日數 Number of Days With										季節 Season (1936-1937)	
	降水 Precip.	快晴 Clear	曇天 Cloudy	不照 Sunless	暴風 Storm	電雷 Thunder	雹 Hail	霧 Fog	雪 Snow	霜 Frost	初雪日 First Snow	終雪日 Last Snow
霧島 Kirisima	200	50	154	63	32	10	—	42	11	17	1936 XII 3	III 25
矢嶽 Yatake	192	48	172	69	1	11	—	50	15	50	1936 XII 4	III 25
小國 Oguni	168	23	166	88	1	16	—	77	28	65	1936 XII 3	III 25
本山 Motoyama	170	17	199	51	1	17	1	202	26	33	1937 I 9	IV 4
智頭 Tizu	202	23	182	52	4	9	—	30	64	63	1936 XII 3	IV 6
根尾 Neo	215	30	192	72	7	27	—	23	59	60	1936 XII 3	IV 5
木祖 Kiso	204	21	159	54	19	16	4	78	92	102	1936 XI 20	IV 9
伊香保 Ikaho	175	37	152	69	1	27	1	43	31	71	1936 XII 7	IV 9
勝山 Katuyama	222	39	194	82	2	21	2	27	67	43	1936 XII 2	IV 5
十日町 Tōkamati	233	21	218	82	—	36	1	21	93	26	1936 XI 23	IV 9
白河 Shirakawa	170	6	218	63	10	25	1	31	72	56	1936 XI 23	IV 9
沼尻 Numaziri	217	14	216	65	2	15	1	63	120	65	1936 X 22	IV 12
角館 Kakunodate	243	26	181	64	5	15	6	19	110	55	1936 X 22	IV 5

氣象年一覽表
NORMAL VALUES

Table with columns for Station Name, Average For, Air Temperature (Mean, Max, Min), Wind (Max, Dir), Precipitation (Annual, Max in 24h), and Number of Days With (Precip, Clear, Cloudy, Sunless, etc.).

森林治水試驗地一覽表
LIST OF STATIONS

Table with columns for Station Name, Locality, N. Lat., E. Long., Height above Ground, and Date of Commencement.

* 自記雨量計 Self Recording Raingauge ①自一月至三月及十二月ハ0.9m, ②自一月至三月ハ1.15m, ③自一月至三月及十二月ハ1.0m, ④自一月至三月及十二月ハ1.6m, ⑤自一月至四月及十二月ハ2.4m, ⑥⑦自一月至四月及十二月ハ3.05m, ⑧自一月至四月及十二月ハ1.3m, ⑨自一月至四月及十二月ハ1.65m, ⑩自一月至三月ハ1.0m, ⑪自一月至三月及十二月ハ1.2m.

氣象年表

ANNUAL RESULTS OF OBSERVATIONS

昭和十二年
1937

所名 霧島
STATION KIRISIMA

Table with columns for Month, Air Temperature (Mean, Max, Min, Range), Earth Temperature (Depth), Sunshine (Hours, Number of Days), and other meteorological data.

Table with columns for Month, Amount of Precipitation (Total, Daily Max, Hourly Max), Frequency of Precip. Separated by Am., and Mean Am. of Evaporation.

Table with columns for Month, Wind Velocity (Mean, Max, Dir, Day), and Frequency of Wind (N, NNE, NE, ENE, E, E-E, SE, SSE, S, SSW, SW, WSW, W, WNW, NNW, Calm).

Table with columns for Month, Number of Days With (Snow, Frost, etc.), and Seasonal Data (First day, Last day).

* 有感地震回数
Frequency of felt earthquake

氣象月表 MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名 霧島 STATION KIRISIMA

Table for January and February observations. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind Speed.

三 月 MARCH

四 月 APRIL

Table for March and April observations. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind Speed.

氣象月表 MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名 霧島 STATION KIRISIMA

Table for May and June observations. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind Speed.

七 月 JULY

八 月 AUGUST

Table for July and August observations. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind Speed.

氣象月表 MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名 霧島 STATION KIRISIMA

Table with columns for Day, Air Temperature (Mean, Max, Min, Range), Humidity, Wind, Sunshine, and other meteorological data for the months of September, October, November, and December.

Table with columns for Day, Air Temperature (Mean, Max, Min, Range), Humidity, Wind, Sunshine, and other meteorological data for the months of September, October, November, and December.

氣象年表 ANNUAL RESULTS OF OBSERVATIONS

昭和十二年 1937

所名 矢野 STATION YATAKE

Table showing monthly and annual averages for Air Temperature, Earth Temperature, Humidity, Sunshine, and other meteorological data for Station Yatake.

Table showing monthly and annual precipitation data, including total amount, frequency of precipitation, and average evaporation.

Table showing monthly and annual wind data, including velocity, frequency, and direction.

Table showing monthly and annual data for the number of days with various weather conditions (snow, rain, etc.) and seasonal statistics.

*有感地震回数 Frequency of felt earthquake

氣象月表

MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名 矢 嶽 STATION YATAKE

Table for January and February 1937. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind. Rows are listed for each day of the month.

Table for March and April 1937. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind. Rows are listed for each day of the month.

氣象月表

MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名 矢 嶽 STATION YATAKE

Table for May, June, July, and August 1937. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind. Rows are listed for each day of the month.

氣象月表 MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名 矢 嶽 STATION YATAKE

Table with columns for Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind. Includes monthly and annual averages for September, October, and November.

十一月 NOVEMBER

Table for November 1937, showing daily and monthly data for temperature, humidity, precipitation, evaporation, sunshine, and wind.

十二月 DECEMBER

Table for December 1937, showing daily and monthly data for temperature, humidity, precipitation, evaporation, sunshine, and wind.

氣象年表 ANNUAL RESULTS OF OBSERVATIONS

昭和十二年 1937

所名 小 國 STATION OGUNI

Table for Oguni Station 1937, showing monthly and annual averages for air temperature, earth temperature, precipitation, evaporation, and sunshine.

Table for Oguni Station 1937, showing monthly and annual averages for precipitation amount, frequency of precipitation, and mean amount of evaporation.

Table for Oguni Station 1937, showing monthly and annual averages for wind velocity and frequency.

Table for Oguni Station 1937, showing monthly and annual averages for the number of days with various weather conditions and seasonal statistics.

★有感地震回数 Frequency of felt earthquake

氣象月表 MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名小國 STATION OGUNI

Table for January and February 1937. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind. Rows are numbered 1-31 for each month.

Table for March and April 1937. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind. Rows are numbered 1-31 for each month.

氣象月表 MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名小國 STATION OGUNI

Table for May and June 1937. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind. Rows are numbered 1-31 for each month.

Table for July and August 1937. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind. Rows are numbered 1-31 for each month.

氣象月表 MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名小國 STATION OGUNI

Table with columns for Day (日), Air Temperature (氣溫), Wind (風), Humidity (濕度), etc. Includes monthly data for September, October, November, and December.

Table with columns for Day (日), Air Temperature (氣溫), Wind (風), Humidity (濕度), etc. Includes monthly data for November and December.

氣象年表 ANNUAL RESULTS OF OBSERVATIONS

昭和十二年 1937

所名本山 STATION MOTOYAMA

Table with columns for Month (月), Air Temperature (氣溫), Earth Temperature (地溫), Sunshine (日照), etc. Includes monthly and annual data.

Table with columns for Month (月), Amount of Precipitation (降水量), Frequency of Precip. (類別降水回數), Mean Am. of Evaporation (平均蒸發量), etc. Includes monthly and annual data.

Table with columns for Month (月), Wind (風), Frequency (回數), etc. Includes monthly and annual data.

Table with columns for Month (月), Number of Days with (雜象日數), Season (季節), etc. Includes monthly and annual data.

*有感地震回數 Frequency of felt earthquake

氣象月表 MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名 本 山 STATION MOTOYAMA

Table for January and February 1937. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind. Rows are numbered 1-31 for each month.

Table for March and April 1937. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind. Rows are numbered 1-31 for each month.

氣象月表 MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名 本 山 STATION MOTOYAMA

Table for May and June 1937. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind. Rows are numbered 1-31 for each month.

Table for July and August 1937. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind. Rows are numbered 1-31 for each month.

氣象月表

MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名 本 山 STATION MOTOYAMA

Table with columns for Day (日), Air Temperature (氣溫), Humidity (濕度), Wind (風), Sunshine (日照), and Precipitation (降水). Includes monthly and annual averages for September, October, and November.

Table with columns for Day (日), Air Temperature (氣溫), Humidity (濕度), Wind (風), Sunshine (日照), and Precipitation (降水). Includes monthly and annual averages for December and January.

氣象年表

ANNUAL RESULTS OF OBSERVATIONS

昭和十二年 1937

所名 智 頭 STATION TIZU

Table with columns for Month (月), Air Temperature (氣溫), Earth Temperature (地溫), Sunshine (日照), and Cloudiness (雲量). Includes monthly and annual averages.

Table with columns for Month (月), Precipitation (降水), Frequency of Precipitation (降水回數), and Mean Evaporation (平均蒸發量). Includes monthly and annual averages.

Table with columns for Month (月), Wind (風), and Frequency (回數). Includes monthly and annual averages for wind direction and velocity.

Table with columns for Month (月), Number of Days with (雜象日數), and Season (季節). Includes monthly and annual averages for various weather phenomena.

*有感地震回數 Frequency of felt earthquake

氣象月表

MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名 智 頭 STATION TIZU

Table for January and February observations, including columns for Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind.

Table for March and April observations, including columns for Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind.

氣象月表

MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名 智 頭 STATION TIZU

Table for May and June observations, including columns for Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind.

Table for July and August observations, including columns for Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind.

氣象月表 MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名 智頭 STATION TIZU

Table with columns for Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind. Includes monthly and annual summaries for September, October, and November.

Table for December (十二月) with columns for Day, Air Temperature, Humidity, Precipitation, Evaporation, Sunshine, and Wind. Includes monthly and annual summaries.

氣象年表 ANNUAL RESULTS OF OBSERVATIONS

昭和十二年 1937

所名 根尾 STATION NEO

Table with columns for Month, Air Temperature, Earth Temperature (Depth), Sunshine (Hours, Number of Days), and Wind. Includes monthly and annual summaries.

Table for Precipitation (降水量) and Frequency of Precipitation (降水的頻度) with columns for Month, Total, Daily Max, Hourly Max, and various frequency categories.

Table for Wind (風) with columns for Month, Velocity (Mean, Max, Dir, Day), and Frequency (N, NNE, NE, ENE, E, ESE, SE, SSE, S, SSW, SW, WSW, W, WNW, NW, NNW, Calm).

Table for Number of Days with Various Phenomena (雜象日數) with columns for Month, Snow, Frost, Haze, Fog, Dew, etc., and Seasonal data.

*有感地震回数 Frequency of felt earthquake

氣象月表 MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名 根 尾 STATION NEO

Table for January and February 1937. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, Hours with Sunshine, and Wind Speed. Rows are numbered 1-31 for each month, followed by a monthly summary row.

Table for March and April 1937. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, Hours with Sunshine, and Wind Speed. Rows are numbered 1-31 for each month, followed by a monthly summary row.

氣象月表 MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名 根 尾 STATION NEO

Table for May and June 1937. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, Hours with Sunshine, and Wind Speed. Rows are numbered 1-31 for each month, followed by a monthly summary row.

Table for July and August 1937. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, Hours with Sunshine, and Wind Speed. Rows are numbered 1-31 for each month, followed by a monthly summary row.

氣象月表 MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名 根 尾 STATION NEO

Table with columns for Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind. Includes monthly and annual summaries for September, October, and November.

Table with columns for Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind. Includes monthly and annual summaries for December, January, and February.

氣象年表 ANNUAL RESULTS OF OBSERVATIONS

昭和十二年 1937

所名 木 組 STATION KISO

Table with columns for Month, Air Temperature (Mean, Max, Min, Range), Earth Temperature (0.3m, 1.2m, 3.0m), Sunshine (Hours, Number of Days with), and Mean Am. of Cloud. Includes monthly and annual summaries.

Table with columns for Month, Amount of Precipitation (Total, Daily Max, Hourly Max), Frequency of Precip. Separated by Am., and Mean Am. of Evaporation. Includes monthly and annual summaries.

Table with columns for Month, Wind Velocity (Mean, Max, Dir, Day), and Frequency (N, NNE, NE, ENE, E, ESE, SE, SSE, S, SSW, SW, WSW, W, WNW, NNW, Calm). Includes monthly and annual summaries.

Table with columns for Month, Number of Days with (Snow, Ice, Fog, etc.), and Season (前年ヨリ本年ニ). Includes monthly and annual summaries.

*有感地震回数 Frequency of felt earthquake

氣象月表 MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名木祖 STATION KISO

Table for January and February 1937. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind. Rows are numbered 1-31 for each month.

Table for March and April 1937. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind. Rows are numbered 1-31 for each month.

氣象月表 MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名木祖 STATION KISO

Table for May, June, and July 1937. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind. Rows are numbered 1-31 for each month.

Table for August 1937. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind. Rows are numbered 1-31 for the month.

氣象月表 MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名 木 祖 STATION KISO

Table with columns for Day, Air Temperature (Mean, Max, Min, Range), Wind (Mean, Max, Min, Range), Humidity, and Sunshine. Includes monthly totals for September, October, and November.

Table with columns for Day, Air Temperature (Mean, Max, Min, Range), Wind (Mean, Max, Min, Range), Humidity, and Sunshine. Includes monthly totals for December and January.

氣象年表 ANNUAL RESULTS OF OBSERVATIONS

昭和十二年 1937

所名 伊 香 保 STATION IKAHO

Summary table for the year 1937, showing monthly and annual averages for Air Temperature, Earth Temperature, Sunshine, and other meteorological data.

Table detailing precipitation (Amount and Frequency) and evaporation (Mean Amount) for each month and the annual total.

Table detailing wind characteristics, including monthly and annual averages for wind velocity and frequency by direction.

Table detailing the number of days with various weather phenomena (snow, rain, etc.) and seasonal statistics (first/last day of season, etc.).

*有感地震回数 Frequency of felt earthquake

氣象月表

MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名 伊香保 STATION IKAHO

Table for January and February 1937. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind Speed.

Table for March and April 1937. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind Speed.

氣象月表

MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名 伊香保 STATION IKAHO

Table for May, June, July, and August 1937. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind Speed.

Table for July and August 1937. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind Speed.

氣象月表 MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名 伊香保 STATION IKAHO

Table of monthly weather observations for Ikahe, 1937. Columns include Air Temperature (Mean, Max, Min, Range), Humidity, Wind, Precipitation, Sunshine, and other meteorological data for each day of the year.

氣象年表 ANNUAL RESULTS OF OBSERVATIONS

昭和十二年 1937

所名 勝山 STATION KATUYAMA

Table of annual weather observations for Katuyama, 1937. Includes monthly and annual averages for Air Temperature, Earth Temperature, Sunshine, Precipitation, Wind, and other meteorological data.

有感地震回数 Frequency of felt earthquake

氣象月表

MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名 勝山 STATION KATUYAMA

Table for January and February 1937. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind. Summary rows for the month are provided at the bottom of each section.

Table for March and April 1937. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind. Summary rows for the month are provided at the bottom of each section.

氣象月表

MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名 勝山 STATION KATUYAMA

Table for May and June 1937. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind. Summary rows for the month are provided at the bottom of each section.

Table for July and August 1937. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind. Summary rows for the month are provided at the bottom of each section.

氣象月表

MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名 勝山 STATION KATUYAMA

Table with columns for Air Temperature, Earth Temperature, Sunshine, and other meteorological data for Katuyama station. Includes monthly and daily data for 1937.

Table with columns for Air Temperature, Earth Temperature, Sunshine, and other meteorological data for Katuyama station. Includes monthly and daily data for 1937.

氣象年表

ANNUAL RESULTS OF OBSERVATIONS

昭和十二年 1937

所名 十日町 STATION TOKAMATI

Table with columns for Air Temperature, Earth Temperature, Sunshine, and other meteorological data for Tokamati station. Includes monthly and annual data for 1937.

Table with columns for Precipitation, Frequency of Precipitation, and Mean Am. of Evaporation. Includes monthly and annual data for 1937.

Table with columns for Wind Velocity and Frequency. Includes monthly and annual data for 1937.

Table with columns for Number of Days with various weather conditions (Snow, Frost, etc.) and seasonal data. Includes monthly and annual data for 1937.

Frequency of felt earthquake 地温ノ()ヲ附セルハ横式鐵管ヲ使用セルモノナリ In the earth temperatures, figures with () contain those obtained by the horizontal thermometers.

氣象月表 MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名十日町 STATION TŪKAMATI

Table for January and February with columns for Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind. Includes monthly totals at the bottom.

Table for March and April with columns for Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind. Includes monthly totals at the bottom.

氣象月表 MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名十日町 STATION TŪKAMATI

Table for May and June with columns for Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind. Includes monthly totals at the bottom.

Table for July and August with columns for Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind. Includes monthly totals at the bottom.

氣象月表

MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名 十日町 STATION TUKAMATI

Table with columns for Day, Air Temperature (Mean, Max, Min, Range), Humidity, Wind, Sunshine, and other meteorological data for September and October.

Table with columns for Day, Air Temperature (Mean, Max, Min, Range), Humidity, Wind, Sunshine, and other meteorological data for November and December.

氣象年表

ANNUAL RESULTS OF OBSERVATIONS

昭和十二年 1937

所名 白河 STATION SIRAKAWA

Table with columns for Month, Air Temperature (Mean, Max, Min, Range), Earth Temperature (0.3m, 1.2m, 3.0m), Humidity, Sunshine (Hours, Number of Days), and other annual data.

Table with columns for Month, Amount of Precipitation (Total, Daily Max, Hourly Max), Frequency of Precip. (24h, 12h, 6h), and Mean Am. of Evaporation (Free exposure, In shade).

Table with columns for Month, Wind Velocity (Mean, Max, Dir.), and Wind Frequency (N, NNE, NE, ENE, E, ESE, SE, SSE, S, SSW, SW, WSW, W, WNW, NW, NNW, Calm).

Table with columns for Month, Number of Days with various weather conditions (Snow, Fog, Rain, etc.), and Seasonal statistics (Season, First day, Last day).

*有感地震回数 Frequency of felt earthquake

氣象月表 MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名白河 STATION SIRAKAWA

Table for January and February 1937. Columns include Day, Air Temperature (Mean, Max, Min, Range), Mean Rel. Humidity, Precipitation, Evaporation, Hours with Sunshine, and Mean Vel. of Wind.

Table for March and April 1937. Columns include Day, Air Temperature (Mean, Max, Min, Range), Mean Rel. Humidity, Precipitation, Evaporation, Hours with Sunshine, and Mean Vel. of Wind.

氣象月表 MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名白河 STATION SIRAKAWA

Table for May and June 1937. Columns include Day, Air Temperature (Mean, Max, Min, Range), Mean Rel. Humidity, Precipitation, Evaporation, Hours with Sunshine, and Mean Vel. of Wind.

Table for July and August 1937. Columns include Day, Air Temperature (Mean, Max, Min, Range), Mean Rel. Humidity, Precipitation, Evaporation, Hours with Sunshine, and Mean Vel. of Wind.

氣象月表 MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名白河 STATION SIRAKAWA

Table with columns for Day (1-31), Air Temperature (Mean, Max, Min, Range), Wind (Mean, Max, Min, Range), Humidity, and Sunshine. Includes monthly and annual summaries for September, October, November, and December.

氣象年表 ANNUAL RESULTS OF OBSERVATIONS

昭和十二年 1937

所名沼尻 STATION NUMAJIRI

Table with columns for Month, Air Temperature, Earth Temperature, Sunshine, Precipitation, Wind, and other meteorological data. Includes monthly and annual summaries.

Frequency of felt earthquake In the earth temperatures, figures with () contain those obtained by the horizontal thermometers.

氣象月表 MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名 沼尻 STATION NUMAJIRI

Table for January and February observations. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind. Rows are numbered 1 to 31 for each month.

三 月 MARCH

四 月 APRIL

Table for March and April observations. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind. Rows are numbered 1 to 31 for each month.

氣象月表 MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名 沼尻 STATION NUMAJIRI

Table for May and June observations. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind. Rows are numbered 1 to 31 for each month.

七 月 JULY

八 月 AUGUST

Table for July and August observations. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind. Rows are numbered 1 to 31 for each month.

氣象月表 MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名沼尻 STATION NUMAJIRI

Table with columns for Day, Air Temperature (Mean, Max, Min, Range), Humidity, Wind, Sunshine, and other meteorological data for months September, October, November, and December.

Table with columns for Day, Air Temperature, Humidity, Wind, Sunshine, and other meteorological data for months November and December.

氣象年表 ANNUAL RESULTS OF OBSERVATIONS

昭和十二年 1937

所名角館 STATION KAKUNODATE

Table with columns for Month, Air Temperature, Earth Temperature (Depth), Sunshine (Hours, Number of Days), and other annual data.

Table with columns for Month, Amount of Precipitation (Total, Daily Max, Hourly Max), Frequency of Precip. Separated by Am., and Mean Am. of Evaporation.

Table with columns for Month, Wind Velocity (Mean, Max, Direction, Day), and Frequency (N, NNE, NE, ENE, E, ESE, SE, SSE, S, SSW, SW, WSW, W, WNW, NW, NNW, Calm).

Table with columns for Month, Number of Days with various weather conditions (Snow, Frost, Rain, etc.), and Seasonal data (Season, First Day, Last Day).

キ有感地震回数 Frequency of felt earthquake 地温ノ()ヲ付セルハ横式鐵管ヲ使用セルモノナリ。 In the earth temperatures, figures with () contain those obtained by the horizontal thermometers.

氣象月表 MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名 角 館 STATION KAKUNODATE

Table for January and February 1937. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind Speed.

Table for March and April 1937. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind Speed.

氣象月表 MONTHLY RESULTS OF OBSERVATIONS

昭和十二年 1937

所名 角 館 STATION KAKUNODATE

Table for May and June 1937. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind Speed.

Table for July and August 1937. Columns include Day, Air Temperature (Mean, Max, Min, Range), Humidity, Precipitation, Evaporation, Sunshine, and Wind Speed.

氣象月表
MONTHLY RESULTS OF OBSERVATIONS

昭和十二年
1937

所名 角 館
STATION KAKUNODATE

日 DAY	氣 溫 AIR TEMPERATURE				平 均 濕 度 MEAN REL. HUMIDITY	降 水 量 AM. OF PRECIPITATION	蒸 發 量 AM. OF EVAPORATION	日 照 時 數 HOURS WITH SUNSHINE	平 均 風 速 MEAN VEL. OF WIND	氣 溫 AIR TEMPERATURE				平 均 濕 度 MEAN REL. HUMIDITY	降 水 量 AM. OF PRECIPITATION	蒸 發 量 AM. OF EVAPORATION	日 照 時 數 HOURS WITH SUNSHINE	平 均 風 速 MEAN VEL. OF WIND
	平均 Mean	最高 Max.	最低 Min.	較差 Range						平均 Mean	最高 Max.	最低 Min.	較差 Range					
九 月 SEPTEMBER																		
1	21.4	25.8	19.0	6.8	94.7	2.4	2.7	2.29	0.8	15.9	18.2	14.1	4.1	92.0	9.6	0.5	0.22	0.9
2	21.3	26.9	16.1	10.8	83.3	—	5.6	7.50	1.3	18.2	23.7	14.0	9.7	85.0	0.0	5.2	8.94	0.9
3	20.1	26.0	15.3	10.7	86.0	0.3	4.1	5.15	2.0	16.0	21.5	12.7	8.8	84.7	0.8	3.8	6.72	0.9
4	19.3	25.2	11.7	13.5	76.0	—	6.0	12.01	1.0	15.2	20.0	11.7	8.3	80.7	11.3	4.0	9.27	1.3
5	19.7	24.2	14.8	9.4	87.3	3.7	2.2	1.40	1.0	14.8	18.4	10.3	8.1	94.7	1.8	0.9	0.10	1.1
6	21.3	25.2	17.4	7.8	85.0	12.9	5.0	8.22	1.2	13.6	16.5	9.3	7.2	80.0	13.0	1.8	2.06	2.3
7	21.3	27.2	15.4	11.8	85.3	1.4	2.8	3.92	1.3	10.6	16.6	6.6	10.0	86.7	9.8	3.0	6.60	1.1
8	21.5	23.7	19.8	3.9	97.0	30.5	0.7	—	2.0	11.2	14.1	6.5	7.6	91.7	3.2	1.0	—	1.8
9	20.4	24.8	17.6	7.2	83.3	0.2	4.8	6.76	1.5	13.5	19.2	10.0	9.2	84.3	2.0	3.4	6.59	1.6
10	20.5	26.0	13.4	12.6	75.0	—	5.1	9.42	1.5	15.4	22.1	7.1	15.0	75.7	0.1	4.2	9.40	1.4
11	21.2	27.5	16.7	10.8	88.7	31.4	1.3	—	2.9	15.7	21.4	11.2	10.2	79.0	0.7	5.7	9.32	1.7
12	19.8	27.5	16.0	11.5	91.0	9.1	2.5	0.68	5.2	13.8	17.6	8.8	8.8	90.7	3.1	1.3	0.30	1.8
13	17.6	20.6	15.2	5.4	84.0	2.3	4.0	4.05	1.8	12.4	17.8	6.2	11.6	79.7	0.1	3.4	9.64	1.4
14	18.7	24.3	12.7	11.6	72.7	—	5.2	11.06	1.2	15.2	20.6	9.6	11.0	84.7	0.7	2.3	3.64	1.1
15	16.4	22.9	10.2	12.7	79.3	—	5.3	8.65	2.0	11.1	16.1	7.8	8.3	81.7	0.5	3.0	5.31	1.5
16	17.5	19.3	12.9	6.4	80.3	0.1	2.0	—	1.3	8.8	10.1	7.3	2.8	99.0	32.4	0.5	—	1.5
17	17.7	20.4	15.1	5.3	94.7	0.8	1.5	—	1.0	11.7	14.0	9.0	5.0	89.7	16.0	0.5	0.22	1.7
18	18.1	23.0	14.0	9.0	83.3	0.1	4.8	8.15	1.5	8.8	11.6	6.2	5.4	92.3	6.9	1.4	0.30	1.1
19	18.4	24.0	11.3	12.7	75.0	0.1	3.6	6.80	1.3	10.6	14.2	6.5	7.7	87.7	—	1.5	2.45	0.8
20	18.9	23.9	16.0	7.9	97.0	16.7	2.0	3.20	2.9	11.1	17.5	6.3	11.2	88.3	—	2.0	6.29	1.0
21	18.9	22.5	16.4	6.1	85.0	9.2	3.8	6.32	1.9	7.5	14.5	1.6	12.9	83.7	—	2.3	9.38	1.1
22	18.3	23.0	14.8	8.2	86.3	—	2.7	3.11	1.1	8.5	16.8	0.7	16.1	82.0	—	3.0	9.95	1.2
23	18.4	24.9	12.3	12.6	80.0	—	5.3	10.70	2.0	11.0	19.0	2.3	16.7	80.0	—	3.2	10.10	1.2
24	19.2	25.3	13.1	12.2	84.0	—	5.4	9.64	1.6	11.3	19.7	2.1	17.6	81.7	—	3.1	9.45	1.1
25	17.5	25.1	12.9	12.2	83.3	—	5.3	10.47	0.9	10.7	18.0	5.8	12.2	73.0	—	3.5	9.78	1.7
26	17.7	25.3	8.9	16.4	73.7	—	5.2	10.60	0.8	12.4	19.5	3.3	16.2	71.7	0.1	3.5	9.42	1.2
27	16.2	20.4	13.8	6.6	85.7	7.2	1.9	0.83	1.6	12.8	20.5	6.4	14.1	82.0	—	3.5	9.25	1.2
28	14.1	18.5	10.0	8.5	71.0	—	4.5	8.30	1.5	13.3	19.9	5.2	14.7	78.0	—	3.0	8.85	1.1
29	14.2	21.5	7.5	14.0	85.3	0.1	2.6	5.65	1.2	17.4	23.4	11.8	11.6	75.3	—	2.8	3.13	0.9
30	17.6	23.3	12.6	10.7	87.0	—	2.6	5.10	0.7	11.3	16.6	5.4	11.2	85.0	8.0	1.3	3.40	2.1
31	—	—	—	—	—	—	—	—	—	8.5	14.3	1.9	12.4	68.3	—	3.0	9.53	1.3
月 Month	188	239	141	9.8	84.0	128.5	110.5	169.98	1.6	12.5	17.9	7.3	10.6	83.5	120.1	81.6	179.61	1.3
十 月 OCTOBER																		
十 一 月 NOVEMBER																		
1	14.8	18.9	6.5	12.4	88.0	19.3	1.0	2.25	1.7	99.9	1.0	98.4	2.6	97.7	19.4	0.2	—	0.7
2	11.6	17.8	7.5	10.3	74.3	1.9	3.7	9.26	1.6	99.6	2.0	95.8	6.2	86.3	9.2	1.2	1.38	1.8
3	9.4	11.4	5.4	6.0	83.7	0.0	0.8	—	1.1	0.9	3.7	98.6	5.1	91.7	16.4	0.5	1.43	1.8
4	11.9	19.4	5.1	14.3	71.0	—	2.7	8.40	1.0	98.2	0.1	97.0	3.1	77.7	9.6	0.6	1.54	1.7
5	9.9	17.3	5.0	12.3	85.0	—	1.9	6.56	1.0	96.5	97.8	95.3	2.5	86.7	10.2	0.7	0.20	2.3
6	12.8	18.4	4.8	13.6	89.3	1.3	1.5	5.08	1.4	94.9	97.3	92.9	4.4	89.0	5.2	0.4	0.60	1.8
7	9.6	13.7	4.9	8.8	75.0	4.5	2.6	4.19	2.0	93.9	98.0	88.3	9.7	92.0	1.3	0.8	2.90	0.8
8	5.4	8.2	1.4	6.8	71.7	0.1	1.5	3.35	0.8	0.2	2.7	95.4	7.3	90.0	10.1	0.6	1.38	2.1
9	7.0	8.3	4.3	4.0	92.0	13.9	0.5	—	1.7	0.2	3.7	97.2	6.5	89.0	0.0	0.6	3.04	1.1
10	8.5	11.6	5.8	5.8	81.0	9.1	0.9	2.39	1.6	3.4	4.9	98.4	6.5	95.7	11.4	0.5	0.42	1.6
11	7.8	9.8	2.2	7.6	97.3	12.8	0.6	0.15	0.6	2.0	4.9	98.7	6.2	91.7	23.6	0.4	—	1.4
12	10.8	13.9	8.9	5.0	96.3	11.7	0.4	0.43	0.7	98.7	0.3	95.9	4.4	97.7	25.8	0.4	—	0.9
13	10.0	15.4	5.5	9.9	80.7	2.4	1.8	6.50	1.0	99.2	0.7	95.0	5.7	80.0	18.7	0.8	0.83	2.6
14	8.2	15.8	4.2	11.6	94.3	4.7	1.1	2.00	1.0	1.3	3.2	99.2	4.0	82.0	5.2	0.3	—	2.2
15	7.7	13.8	3.0	10.8	88.0	—	1.2	3.47	1.0	0.6	3.4	99.3	4.1	95.0	7.8	0.5	0.96	1.3
16	4.1	10.3	0.2	10.1	85.0	0.0	1.5	4.40	1.4	0.6	2.6	98.2	4.4	94.3	14.1	0.7	0.55	0.5
17	4.6	9.8	99.2	10.6	85.7	0.4	1.2	4.63	0.9	2.1	5.1	0.2	4.9	85.3	—	1.0	2.76	1.1
18	6.8	10.0	5.2	4.8	94.7	16.3	0.5	0.35	1.1	1.5	6.1	95.2	10.9	71.3	—	1.0	7.50	1.2
19	2.2	5.3	0.0	5.3	74.7	0.0	0.9	2.68	1.5	1.9	5.6	0.2	5.4	92.7	14.7	0.3	—	1.0
20	2.9	7.6	99.5	8.1	83.0	0.1	1.3	4.39	0.9	97.9	0.4	97.2	3.2	94.7	17.0	0.7	—	1.5
21	5.3	7.4	0.8	6.6	76.3	—	1.0	1.00	1.3	97.2	99.5	96.1	3.4	93.7	24.0	0.2	—	0.4
22	3.8	7.7	2.6	5.1	67.7	11.8	1.2	1.52	2.5	96.6	99.8	95.1	4.7	91.0	6.9	0.5	1.51	0.5
23	2.5	6.3	0.2	6.1	91.7	5.4	0.6	2.45	1.0	95.4	99.1	91.5	7.6	83.3	0.4	0.8	5.96	0.7
24	4.7	7.5	0.9	6.6	89.3	25.4	0.5	—	1.8	0.6	2.1	93.7	8.4	87.0	7.8	0.6	—	3.0
25	0.9	2.6	99.3	3.3	80.3	12.5	1.1	—	1.7	98.8	3.2	95.8	7.4	82.0	6.3	1.4	1.75	2.0
26	1.1	3.3	98.8	4.5	95.0	15.5	0.4	0.80	0.4	94.7	96.0	94.1	1.9	82.7	12.1	0.8	—	1.9
27	2.9	7.6	99.8	7.8	79.7	1.5	1.1	3.23	0.9	92.3	94.3	91.2	3.1	83.7	11.2	0.9	—	2.1
28	4.2	6.1	99.4	6.7	90.7	19.6	0.2	—	1.4	94.4	95.5	92.8	2.7	90.3	11.0	0.3	—	1.5
29	2.0	5.1	0.1	5.0	88.3	1.7	0.6	0.27	0.8	95.1	97.0	92.5	4.5	85.0	16.1	(0.3)	—	1.9
30	99.7	0.9	98.5	2.4	83.3	5.1	0.5	—	1.0	95.7	96.9	94.4	2.5	88.7	11.6	0.2	—	1.7
31	—	—	—	—	—	—	—	—	—	98.1	1.3	95.1	6.2	79.0	8.7	0.6	1.07	0.8
月 Month	6.5	10.4	2.6	7.8	84.4	197.0	34.8	79.75	1.2	98.4	0.9	95.8	5.1	87.9	335.8	18.8	35.78	1.5

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