

Kuantung, Meteorological Observatory, Dairen

昭和七年一月

滿洲氣象表

REPORT

OF THE

METEOROLOGICAL OBSERVATIONS

MADE AT THE

METEOROLOGICAL STATIONS

IN

MANCHURIA.

JANUARY, 1932.

PUBLISHED BY THE METEOROLOGICAL OBSERVATORY, DAIREN.



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凡 例

本編ハ昭和七年一月中滿洲各觀測所ニ於ケル氣象觀測ノ成績ヲ示スモノニシテ其ノ觀測ノ時刻方法等ハ日本各測候所ト全ク同一ノ式ニ據ル今其要點ヲ擧クレバ

觀測時ハ日本西部標準時即チ東經百二十度ノ地ノ平時ニ據リ夜半ヲ日界トスル二十四時間制ヲ用フ但シ日照時數ハ眞太陽時ニ據ル

氣壓ハ耗ヲ以テ示シ晴雨計示度ニ施スニ單ニ溫度ノ更正ノミヲ以テシ海面上高サノ更正及重力ノ更正ハ施サズ

溫度ハ攝氏ノ度ニ據ル但シ氷點以下ノ度ハ負數ヲ用ヒズ百ヨリ其度ヲ減ジ其餘數ヲ以テ之ヲ示ス即チ氷點以下一度ハ九十九度氷點以下五度ハ九十五度ト記スルガ如シ

或ル觀測時ニ於ケル風速ハ其觀測時前二十分間ノ平均風速ヲ以テ之ヲ示ス

平均雲量ニ未滿ナル日ヲ快晴トシ八以上ナル日ヲ曇天トス

風ノ速度一秒時間十米以上ヲ觀測シタル日ヲ暴風日トス

INTRODUCTION.

The present publication contains the results of the meteorological observations made at the meteorological stations in Manchuria for the month of January, 1931.

The instruments and the method of observation are the same as those at the meteorological stations in Japan. The followings are to be particularly noticed.

Hours of Observations.—The Western Standard Time of Japan (civil mean time of the meridian 120° E.) is adopted. For the measure of sunshine duration the apparent solar time is used.

Pressure.—The barometric readings in millimetres are reduced only to freezing point.

Temperature.—The degrees are given in Centigrade; those below zero are shown by adding 100, to avoid the minus sign; thus 99° for -1°, 95° for -5°, etc.

Velocity of the Wind.—As the velocity at any time is given the mean for the preceeding 20 minutes.

Clear and Cloudy Days.—The mean amount of cloud for a clear day is less than 2 exclusive, and for a cloudy day is more than 8 inclusive.

Days with Gales.—As such are counted the days on which the maximum velocity reaches or exceeds 10 metres per second.

現象記號

ILLUSTRATION OF SYMBOLS

(1) 萬國共通記號 *International symbols*

雨 ● Rain	霜 □ Hoar frost	日暈 ⊕ Solar halo
雪 * Snow	露 — Dew	日光環 ⊙ Solar corona
電雷 ⚡ Thunder storm	霧氷 ∨ Silver thaw	月暈 ⊖ Lunar halo
雷聲 T Thunder without lightning	雨水 ~ Glazed frost	月光環 ⊕ Lunar corona
電光 ⚡ Lightning without thunder	吹雪 + Snow drift	虹 ∩ Rainbow
霰 △ Graupel	細氷 ← Ice crystals	極光 ⚡ Aurora
雹 ▲ Hail	積雪 ⊞ Snow lying	煙霧 ∞ Haze
霧 ≡ Mist, fog	暴風 ⚡ Gale	黃道光 ♌ Zodiacal light

(2) 其他ノ記號 *Other symbols*

凍雨 ⊖ Frozen rain	凍露 ⊖ Frozen dew	結氷 ⊖ Ice
霜柱 ⊕ Ice columns in ground	波狀雲 ∞ Undulated cloud	黃砂 ≡ Yellow dust
朝焼け ⊕ Red sky	海鳴 ⊕ Oceanic noise	地震 ⊕ Earthquake
卷雲 C Cirrus	卷層雲 CS Cirro-stratus	卷積雲 CK Cirro-cumulus
層雲 S Stratus	高層雲 SC Alto-stratus	層積雲 SK Strato-cumulus
積雲 K Cumulus	高積雲 KC Alto-cumulus	積亂雲 KN Cumulo-nimbus
亂雲 N Nimbus		

(3) 現象ノ強サ *The intensity of the phenomena*

現象ノ強弱ヲ示ス爲ニ記號ノ右肩ニ 0.1.2.ノ數字ヲ記ス例ヘバ

The intensity of a phenomenon is shown by an index added to its symbol, thus:—

微雨 ●⁰ slight rain 中雨 ●¹ moderate rain 強雨 ●² heavy rain

地震震度階級 *Intensity of earthquakes*

微震 ⊕⁽¹⁾ slight 弱震(弱キ方) ⊕⁽²⁾ moderate 弱震 ⊕⁽³⁾ rather strong
 強震(弱キ方) ⊕⁽⁴⁾ strong 強震 ⊕⁽⁵⁾ very strong 烈震 ⊕⁽⁶⁾ disastrous

大 連
DAIREN.

昭和七年一月

JANUARY, 1937

Table with 25 columns: Day, AIR PRESSURE (700 mm +) (2h, 6h, 10h, 14h, 18h, 22h, Mean), DIRECTION AND VELOCITY (2h, 6h, 10h, 14h, 18h, 22h, 24h Mean), AMOUNT OF PRECIPITATION (2h, 6h, 10h, 14h, 18h, 22h, Total), and 二十四時間平均 (Mean for 24h).

Table with 25 columns: Day, AIR TEMPERATURE (2h, 6h, 10h, 14h, 18h, 22h, Mean, Max, Min, Range), REL. HUMIDITY (2h, 6h, 10h, 14h, 18h, 22h, Mean), AMOUNT (0-10) AND FORMS OF CLOUD (6h, 10h, 14h, 18h, 22h, Mean), 日照時數 (No. of hours with sunshine), and 蒸發量 (Amount of evaporation).

重力ノ更正 Reduction to standard gravity..... 0.4
海面ノ更正 Reduction to mean sea level..... + 9.3

昭和七年一月

大連 DAIREN.

JANUARY, 1931.

日 Day	水蒸氣ノ張力(耗) TENSION OF VAPOUR.(mm)							地面溫度(攝氏) EARTH TEMP. ON THE SURFACE.(°C)				地中溫度(攝氏) EARTH TEMPERATURE.(°C)										最低地溫 MIN. TEMP. ON GRASS.(°C)	最高地溫 MAX. TEMP. (BLACK BULL.) (°C)
	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	平均 Mean	6 ^h	14 ^h	22 ^h	平均 Mean	0.05m	0.1m	0.2m	0.3m	0.5m	1.0m	2.0m	3.0m	4.0m	5.0m		
1	2.2	2.2	2.2	2.3	2.4	2.3	2.3	92.6	98.3	94.3	95.1	94.5	94.6	95.8	97.5	99.7	3.3	7.2	9.7	11.6	12.5	90.4	7.6
2	1.9	2.6	1.9	2.2	3.1	2.5	2.4	96.0	0.8	99.9	98.9	97.2	97.1	96.8	98.0	99.5	3.2	6.9	9.5	11.5	12.3	92.8	14.5
3	3.0	3.1	2.6	1.9	1.5	3.0	2.5	98.9	0.7	99.7	99.8	99.3	99.3	98.9	99.5	0.0	3.0	6.9	9.5	11.4	12.5	99.6	10.4
4	2.8	3.7	4.4	4.6	5.3	5.0	4.3	99.5	2.1	99.6	0.4	99.9	99.8	99.4	99.8	0.3	3.0	6.7	9.4	11.3	12.3	0.0	20.2
5	5.5	4.7	6.2	6.0	5.6	5.6	5.6	99.2	2.0	1.1	0.8	99.9	99.9	99.6	0.0	0.6	3.3	6.6	9.2	11.2	12.1	98.8	16.5
6	5.4	1.6	1.3	1.2	1.0	0.9	1.9	99.4	97.2	93.7	93.8	93.9	0.0	99.5	0.0	1.0	3.2	6.4	9.2	11.0	11.9	90.0	3.8
7	0.8	1.0	1.8	1.3	1.2	1.1	1.2	92.2	96.8	94.2	94.4	95.5	95.6	97.3	99.8	0.9	3.5	6.4	9.0	11.0	11.9	87.8	2.9
8	1.2	1.3	1.2	1.6	1.4	1.6	1.4	94.5	97.5	94.7	95.6	95.1	95.1	96.6	98.4	0.3	3.5	6.4	9.0	10.8	12.0	89.5	3.0
9	1.6	2.0	2.1	1.0	1.0	1.1	1.5	95.9	98.2	93.9	96.0	96.5	96.1	96.6	98.0	0.0	3.3	6.2	8.8	10.7	11.8	91.4	6.8
10	2.1	2.6	3.0	3.2	3.8	4.4	3.2	96.2	0.4	99.5	98.7	98.0	96.9	93.0	98.2	99.9	3.1	6.2	8.7	10.7	11.7	92.6	12.2
11	4.3	4.3	4.5	3.8	2.4	2.3	3.0	99.7	1.5	99.3	0.2	99.7	99.6	99.1	99.6	0.3	3.0	6.1	8.6	10.6	11.7	99.0	11.8
12	1.6	1.4	1.5	1.4	1.3	1.5	1.5	96.8	98.7	94.8	96.8	98.6	98.5	99.1	99.8	0.4	3.0	6.0	8.5	10.5	11.6	99.4	6.0
13	1.8	1.9	2.0	2.1	2.3	2.4	2.1	94.0	99.4	98.6	97.3	97.7	95.9	97.1	98.8	0.5	3.0	5.9	8.5	10.5	11.5	91.0	12.1
14	2.0	2.6	3.0	2.4	1.7	1.8	2.3	97.8	0.3	95.4	98.2	98.8	98.5	98.6	99.6	0.5	3.0	5.9	8.4	10.8	11.4	93.6	9.8
15	2.1	1.9	1.0	1.1	1.0	0.9	1.3	95.9	99.4	95.2	96.5	97.2	96.8	97.8	99.2	0.4	3.0	5.9	8.3	10.2	11.3	92.5	2.7
16	0.9	0.9	1.1	1.2	1.6	1.1	1.1	92.8	96.2	92.7	93.9	95.0	95.1	96.7	98.5	0.1	3.0	5.9	8.2	10.2	11.2	89.5	0.9
17	1.2	1.5	2.9	2.9	3.1	3.6	2.5	92.2	99.5	98.0	96.6	95.9	94.6	95.5	97.3	99.7	3.0	5.9	8.1	10.0	11.3	87.0	10.9
18	2.1	2.0	1.4	1.3	1.4	1.5	1.9	95.5	97.9	94.0	95.8	97.3	97.1	97.8	98.9	99.9	2.8	5.7	8.0	10.0	10.9	92.1	4.0
19	1.6	1.6	1.4	1.4	2.0	2.4	1.7	92.8	99.0	94.3	95.4	96.0	95.3	96.3	98.0	99.7	2.7	5.6	8.0	10.0	11.1	90.9	7.6
20	2.4	2.5	3.0	3.1	3.6	3.4	3.0	95.8	0.8	98.6	98.4	97.7	95.9	97.2	98.4	99.6	2.6	5.6	8.0	9.9	10.9	93.4	10.3
21	4.1	3.7	4.2	2.2	1.6	1.9	3.0	98.0	1.2	97.6	98.9	99.0	98.9	98.7	99.4	0.0	2.7	5.4	7.9	9.9	10.9	95.8	9.9
22	1.3	1.6	2.5	2.8	2.1	2.1	2.1	96.6	1.6	97.2	98.5	98.3	98.3	98.6	99.5	0.0	2.5	5.4	7.9	9.8	10.9	93.6	5.3
23	2.5	2.5	2.6	3.0	2.6	3.2	2.7	95.4	1.5	99.0	98.6	98.2	97.4	98.1	99.3	0.2	2.7	5.4	7.7	9.7	10.9	94.6	15.5
24	3.8	2.6	3.2	3.7	4.2	4.7	3.7	98.4	2.5	99.8	0.2	99.5	99.5	99.2	99.8	0.4	2.7	5.4	7.7	9.5	10.7	99.4	17.6
25	4.6	4.3	4.8	3.8	3.1	2.7	3.9	99.0	7.2	99.2	2.0	0.2	0.0	99.5	0.0	0.5	2.7	5.4	7.5	9.5	10.3	98.2	19.3
26	2.1	3.1	2.4	1.9	2.3	2.3	2.4	98.5	1.0	98.1	99.2	99.6	99.8	99.6	0.0	0.7	3.0	5.3	7.5	9.5	10.7	95.2	11.9
27	1.8	2.8	1.8	1.9	2.0	2.6	2.1	96.9	99.7	97.7	98.1	99.0	99.0	99.5	0.1	0.9	3.0	5.2	7.5	9.5	10.6	91.5	8.5
28	2.9	3.0	3.9	3.7	4.0	4.4	3.7	98.4	2.4	99.5	0.1	99.4	99.3	99.3	0.2	1.0	3.0	5.1	7.5	9.4	10.4	98.6	13.6
29	4.3	4.4	4.6	3.2	1.7	1.7	3.3	98.9	1.4	98.2	99.5	99.7	99.7	99.6	0.3	1.2	3.0	5.2	7.3	9.3	10.4	95.5	10.5
30	1.3	1.3	1.2	1.1	1.9	2.2	1.5	96.6	0.0	98.0	98.2	99.0	98.9	99.6	0.5	1.2	3.2	5.1	7.2	9.2	10.4	96.6	12.9
31	2.3	2.4	2.2	1.9	2.7	1.8	2.2	98.9	2.2	99.4	0.2	99.5	99.5	99.6	0.5	1.3	3.3	5.1	7.1	9.2	10.4	96.2	7.4
平均 Mean	2.6	2.5	2.6	2.4	2.4	2.5	2.5	96.5	0.2	97.3	98.0	98.1	97.5	98.2	99.3	0.3	3.0	5.9	8.3	10.3	11.3	93.9	9.9

日 Day	記 REMARKS.	
1	∞°a.	
2		
3		∞°a. ∞°a.p.
4		∞°a. ∞°a.p.
5	∞°a.	∞°a. ∞°a.p.
6	∞°a.p.	∞°a.p.
7		∞°a.p.
8		∞°a.p.
9	∞°p.	∞°a.p.
10		∞°a.
11		∞°p.
12		∞°a.p.
13		∞°a.p.
14		∞°a.p.
15		∞°a.p.
16		∞°a.p.
17		∞°a.p.
18		∞°a.p.
19	∞°a. ∞°a.p. ∞°p.	∞°a.p.
20	m°a. ∞°p.	∞°a.p.
21	∞°a. ∞°p.	∞°a.p.
22	∞°a.	∞°a.p.
23	∞°p.	∞°a.p.
24	∞°p.	∞°a.
25		∞°p.
26		∞°a.p.
27		∞°a.p.
28		∞°a.
29		∞°a.p.
30		∞°a.p.
31		∞°a.p.

昭和七年一月

營口 YINGKOW.

JANUARY, 1931.

Table I: Weather data including Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm) for each day from 1 to 31.

Table II: Weather data including Air Temperature (°C), Relative Humidity (%), Amount and Forms of Cloud (0-10), and Sunshine (hours) for each day from 1 to 31.

* 重力ノ更正 Reduction to standard gravity..... 0.3
海面へノ更正 Reduction to mean sea level..... + 0.4

昭和七年一月

奉天 MUKDEN.

JANUARY, 1931.

Table with columns for Day, Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Includes sub-headers for 2h, 6h, 10h, 14h, 18h, 22h, and Mean values.

Table with columns for Day, Air Temperature (°C), Relative Humidity (%), Amount and Forms of Cloud, and Sunshine. Includes sub-headers for 2h, 6h, 10h, 14h, 18h, 22h, and Mean values.

* 重力ノ更正 Reduction to standard gravity..... 0.2
海面へノ更正 Reduction to mean sea level..... 4.4

昭和七年一月

長春 CHANGCHUN.

JANUARY, 1931.

Table with columns for Date (日), Air Pressure (氣壓), Wind Direction and Velocity (風ノ方向及速度), and Precipitation (降水量). Rows represent daily data from 1 to 31, plus monthly averages (平均).

Table with columns for Date (日), Air Temperature (氣溫), Relative Humidity (湿度), Cloud Amount and Form (雲量及雲形), Sunshine Hours (日照時間), and Evaporation (蒸發量). Rows represent daily data from 1 to 31, plus monthly averages (平均).

* 重力ノ更正 Reduction to standard gravity - 0.1
海面ヘノ更正 Reduction to mean sea level + 21.2

昭和七年一月

奉天 MUKDEN.

JANUARY, 1931.

Table with columns for Day, Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Includes sub-headers for 2h, 6h, 10h, 14h, 18h, 22h, and Mean.

Table with columns for Day, Air Temperature (°C), Relative Humidity (%), Amount and Forms of Cloud (0-10), and Sunshine. Includes sub-headers for 2h, 6h, 10h, 14h, 18h, 22h, and Mean.

* 重力ノ更正 Reduction to standard gravity..... 0.2
海面へノ更正 Reduction to mean sea level..... 4.4

長 春
CHANGCHUN.

昭和七年一月

JANUARY, 1931.

Table with columns for Day, Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Includes sub-headers for 2h, 6h, 10h, 14h, 18h, 22h, and Mean values.

Table with columns for Day, Air Temperature (°C), Rel. Humidity (%), Amount and Forms of Cloud, and Sunshine/Evaporation. Includes sub-headers for 2h, 6h, 10h, 14h, 18h, 22h, and Mean values.

* 重力ノ更正 Reduction to standard gravity - 0.1
海面ノ更正 Reduction to mean sea level + 21.2

旅 順 RYOJUN.

昭和七年一月

JANUARY, 1931.

日 Day	氣 壓 * (耗) AIR PRESSURE. (mm) (700 mm +)				風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.								降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)				
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h		13 ^h		21 ^h		二十四時 平均 Mean for 24h.		21-5 ^h	5-13 ^h	13-21 ^h	總計 Total	
1	59.4	59.0	59.0	59.1	ENE	1.2	NW	8.2	NNW	3.3	3.9	—	—	—	—	—	
2	57.0	54.0	52.8	54.6	WNW	8.2	WNW	12.3	WNW	11.7	9.6	—	—	—	—	—	
3	52.0	54.6	53.9	53.5	NW	8.8	NW	12.9	WNW	5.0	10.9	—	—	—	—	—	
4	51.6	52.4	53.8	52.6	WNW	11.1	WNW	7.1	SSW	1.3	6.3	—	—	—	—	—	
5	52.2	51.9	52.7	52.3	SE	4.1	SSE	4.7	SSE	3.3	3.8	—	—	—	—	—	
6	57.8	64.3	67.5	63.2	ENE	17.3	N	7.2	N	5.0	7.8	—	—	—	—	—	
7	68.9	66.3	65.1	66.5	N	8.2	NW	14.3	NW	11.4	9.2	—	0.0	—	—	0.0	
8	63.2	62.5	62.1	62.6	NNW	8.2	NNW	9.3	NW	13.2	8.8	—	—	—	—	—	
9	61.1	64.1	68.3	64.5	NW	8.2	ENE	1.1	—	0.0	4.4	—	—	—	—	—	
10	68.9	65.8	64.2	66.2	SW	0.5	SW	3.6	SW	6.0	3.4	—	—	—	—	—	
11	61.5	57.9	60.1	59.8	SW	7.0	WNW	12.8	NW	16.3	11.7	—	—	—	—	—	
12	63.9	65.3	66.9	65.4	NNW	5.6	N	4.1	—	0.2	3.8	—	—	—	—	—	
13	65.4	65.0	63.8	64.7	NNW	3.5	NW	12.0	WNW	8.6	7.6	—	—	—	—	—	
14	63.1	64.7	65.9	64.6	WNW	11.1	ENE	5.3	ENE	1.6	6.1	—	—	—	—	—	
15	65.7	66.7	67.1	66.5	NE	3.9	ENE	6.2	ENE	10.5	5.6	—	—	—	—	—	
16	67.3	68.6	68.0	68.0	ENE	5.3	NNE	5.7	E	1.1	3.7	—	—	—	—	—	
17	66.9	65.7	65.0	65.9	SE	1.8	W	8.2	WNW	5.8	4.0	—	—	—	—	—	
18	66.7	69.4	70.8	69.0	ENE	4.5	NNE	5.6	ENE	2.7	3.8	—	—	—	—	—	
19	70.6	70.0	68.2	69.6	ENE	1.5	WNW	2.9	W	1.2	1.8	—	—	—	—	—	
20	66.5	66.3	66.5	66.4	W	1.8	W	5.6	WSW	2.0	2.6	—	—	—	—	—	
21	66.6	68.2	68.7	67.8	WNW	3.9	ENE	6.1	ENE	2.9	3.7	—	—	—	—	—	
22	67.6	65.9	65.5	66.3	NE	4.1	WNW	8.8	WNW	6.9	5.2	—	—	—	—	—	
23	63.8	64.6	64.7	64.4	NNW	1.8	WNW	3.5	WNW	1.4	2.8	—	—	—	—	—	
24	63.9	64.3	63.3	63.8	WNW	6.4	WNW	10.7	W	2.9	5.7	—	—	—	—	—	
25	62.9	61.0	61.6	61.5	WNW	2.9	WNW	6.5	WNW	4.4	5.0	—	—	—	—	—	
26	61.8	61.2	62.3	61.8	N	1.2	NNE	2.0	NE	3.5	3.1	—	—	—	—	—	
27	63.3	63.6	62.6	63.2	NW	2.1	W	4.1	SSW	2.5	2.7	—	—	—	—	—	
28	60.0	60.0	60.7	60.2	SSW	2.3	SSW	10.0	E	2.0	3.8	—	—	—	—	—	
29	61.4	64.1	65.0	63.5	SE	0.6	NNW	5.3	NNE	5.8	3.8	—	—	—	—	—	
30	65.5	63.5	61.8	63.6	NNE	4.7	ENE	5.1	N	3.7	4.7	—	—	—	—	—	
31	60.3	59.4	59.8	59.8	NNE	1.2	SE	2.3	NE	1.0	1.7	—	—	—	—	—	
平均 Mean	62.7	62.9	63.2	62.9		5.0		6.9		4.7	5.2		0.0			0.0	

日 Day	氣 溫 (攝氏) AIR TEMPERATURE. (°C)							濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日照 時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (耗) AMOUNT OF EVAPORATION.	
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	平均 Mean			
1	95.2	1.1	97.0	97.8	1.3	93.8	7.5	72	48	43	53	4	kc	0	—	1.3	6.60	2.3
2	0.0	5.2	3.1	2.8	5.7	96.9	8.8	55	43	57	52	0	—	0	—	0.0	8.13	4.0
3	3.8	5.1	1.7	3.5	6.0	1.0	5.0	56	44	48	44	0	—	0	—	0.0	8.24	5.0
4	3.8	8.2	2.6	4.9	8.7	1.2	7.5	63	58	92	71	0	—	0	—	0.0	8.18	1.4
5	4.0	8.1	2.7	4.9	8.7	1.5	7.2	86	70	100	85	0	—	0	—	3.3	6.70	1.8
6	98.1	93.8	92.6	94.5	3.2	91.9	11.3	50	43	40	44	0	—	10	sc	3.3	0.00	1.3
7	91.2	93.7	94.8	93.2	95.3	90.3	4.9	39	40	28	36	0	—	10	sk	3.3	4.08	2.7
8	94.6	95.2	97.3	97.7	97.7	92.4	5.3	32	29	37	33	2	sk	9	sk	5.3	4.85	2.5
9	0.3	1.2	95.4	99.0	2.7	95.2	7.5	44	46	44	45	0	—	0	—	0.0	8.27	1.7
10	98.6	6.6	2.6	2.6	6.7	95.0	11.7	60	36	80	59	0	—	0	—	0.0	8.40	2.3
11	3.0	6.1	0.9	3.2	7.2	0.2	7.0	65	56	40	51	0	—	4	kc, sk	0	—	1.3
12	97.7	1.0	95.2	98.0	1.6	94.0	7.6	41	42	43	42	0	—	0	—	0.0	8.28	2.2
13	97.8	2.8	1.3	0.6	3.8	94.2	9.6	41	39	50	43	0	—	0	—	0.0	8.52	4.6
14	1.6	4.1	98.6	1.4	5.0	97.9	7.1	54	31	47	44	0	—	0	—	0.0	8.48	3.1
15	96.3	97.2	93.6	95.7	99.5	92.6	6.9	56	37	42	45	0	—	10	cs	0	—	3.3
16	92.6	96.6	92.8	93.8	97.3	90.3	7.0	46	47	57	56	0	—	10	cs	0	—	3.3
17	94.2	1.4	0.4	98.7	2.7	92.2	10.5	77	50	70	60	0	—	8	sk	3.0	7.60	2.1
18	96.3	0.0	94.2	96.8	2.5	93.5	9.0	61	46	49	52	0	—	0	—	0.0	8.70	1.9
19	93.4	1.4	96.8	97.2	2.3	92.3	10.6	63	54	68	62	0	—	2	cs	2.7	8.10	1.5
20	97.4	4.1	0.0	0.5	5.5	96.5	9.0	67	56	83	69	5	sk	1	sk, cs	0	—	2.0
21	1.5	4.2	98.7	1.5	5.5	97.8	5.7	84	35	39	53	10	sc	3	c	7.7	5.30	1.6
22	98.4	1.2	0.2	99.9	3.2	97.5	7.7	46	50	58	51	8	sk	10	sk	9.3	1.60	1.9
23	0.3	5.6	0.4	2.1	6.5	97.8	8.7	48	34	63	48	0	—	0	—	3.3	8.45	1.5
24	1.7	5.2	1.6	2.8	6.0	99.3	6.7	68	70	88	75	0	—	10	sk	6.7	7.20	1.3
25	1.6	5.0	0.3	2.3	6.3	99.1	7.2	92	70	89	84	10	sk, cs	10	sc	7.7	6.53	1.3
26	0.8	5.6	97.6	1.3	7.3	97.0	16.3	65	30	60	52	0	—	0	—	1.0	8.05	2.1
27	97.1	2.3	97.9	99.1	3.3	95.4	7.9	57	41	56	51	0	—	0	—	0.0	8.83	2.0
28	0.6	6.0	2.3	2.8	7.0	97.1	9.9	55	46	83	61	0	—	0	—	0.0	8.43	1.8
29	1.4	3.8	97.2	0.8	5.7	96.3	9.4	80	66	46	64	10	cs	0	—	3.3	8.40	2.6
30	96.6	1.8	97.4	98.6	3.2	95.6	7.6	38	32	57	42	4	c	6	c, ck	3.3	8.10	2.0
31	98.0	3.0	0.4	0.5	2.7	96.5	7.2	54	29	56	46	10	sk	10	sc	10.0	0.53	1.4
平均 Mean	98.6	2.5	98.6	99.9	3.9	95.9	8.0	59	45	58	54.2		3.6		2.5	2.7	21.52	67.5

* 重力ノ更正 Reduction to standard gravity..... 0.4
 * 海面へノ更正 Reduction to mean sea level..... + 7.7

鞍山
ANSHAN.

昭和七年一月

JANUARY, 1931

H Day	氣 壓 * (耗) AIR PRESSURE. (mm) (700 mm +)				風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.							降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)				
	5h	13h	21h	平均 Mean	5h	13h	21h	二十四時 間平均 Mean for 24h	21-5h	5-13h	13-21h	總計 Total				
1	64.6	64.3	63.1	64.0	S	1.3	NW	1.3	S	2.1	0.9					
2	60.1	54.6	52.9	55.9	S	2.1	SSW	6.4	SSW	7.6	4.7					
3	58.4	56.2	54.1	54.6	SSW	2.7	WNW	3.5	SW	5.8	3.7					
4	52.9	55.5	55.7	55.0	S	3.5	S	0.6	—	0.1	2.5					
5	56.4	54.9	55.8	55.7	SSW	2.3	SSW	5.8	SSW	2.7	3.0					
6	67.6	70.8	72.1	70.2	NE	9.3	NNE	8.2	NE	3.5	6.5					
7	71.8	69.7	65.8	70.1	NNW	2.1	WSW	6.1	NW	1.7	2.6					
8	66.9	66.8	69.6	67.8	WSW	1.4	W	3.8	SSW	3.5	2.4					
9	64.9	69.6	69.8	68.1	S	2.3	NW	1.8	SSW	3.5	2.0					
10	69.7	68.3	67.1	68.4	SW	3.8	SW	7.3	SW	8.2	5.5					
11	65.7	59.8	63.0	62.8	SSW	5.8	SSW	7.3	—	0.0	4.8		0.1	0.1		
12	67.6	70.1	70.3	69.3	WSW	1.8	WNW	4.3	S	1.5	2.5					
13	69.2	65.3	64.1	66.2	SSW	2.4	SW	5.8	SW	9.3	5.1					
14	66.2	69.0	71.0	68.7	SSW	1.8	NNE	3.2	E	2.9	3.0					
15	70.3	71.8	73.4	71.8	NNE	1.8	ENE	5.8	E	3.3	3.4					
16	72.9	72.5	72.4	72.6	—	0.3	NE	2.3	SSE	0.9	1.1					
17	71.3	67.9	67.3	68.8	SE	0.5	SSW	5.8	SSW	6.4	3.9		0.2	0.2		
18	70.7	74.2	75.2	73.4	W	1.2	NE	4.1	E	1.4	2.3					
19	75.8	74.0	71.9	73.9	—	0.0	SSW	1.2	SSW	1.2	1.0					
20	68.7	68.2	68.8	68.6	SSW	5.8	SSW	8.2	SSW	7.0	6.3					
21	70.9	73.7	73.6	72.7	SSW	1.5	NE	3.5	SSE	1.8	2.9					
22	72.1	69.5	68.0	69.9	SSE	1.8	SW	3.5	SW	0.7	1.9					
23	68.5	68.3	68.0	68.3	SSW	2.3	SSW	3.4	SSW	1.4	2.0					
24	65.9	65.8	65.8	65.8	SSW	4.1	SSW	6.4	SSW	2.3	3.9					
25	66.0	64.6	65.3	65.3	SSW	3.8	W	1.2	SE	1.5	2.1					
26	65.0	66.0	66.7	65.9	NNW	2.1	NE	2.9	E	1.4	2.2					
27	67.5	66.6	65.3	66.5	NE	1.2	NNW	0.8	SSW	2.6	1.2					
28	61.8	62.7	63.8	62.8	SSW	8.8	SW	9.3	SW	1.4	6.0					
29	66.1	70.1	71.7	69.3	NE	1.8	NE	5.8	NE	3.2	2.9					
30	71.3	68.1	66.2	68.5	E	0.8	NE	4.7	NE	0.8	2.0					
31	64.2	63.4	64.7	64.1	SSE	0.5	NE	1.8	SE	1.8	0.9					
平均 Mean	66.6	66.5	66.7	66.6		2.6		4.4		2.9	3.1		0.3	0.3		

日 Day	氣 溫 (攝氏) AIR TEMPERATURE. (°C)							濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日 照 時 數 No. of hours with sunshine.	發 蒸 量 (耗) AMOUNT OF EVAPORATION.		
	5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	5h	13h	21h	平均 Mean	5h	13h	21h	平均 Mean				
1	85.6	93.1	89.2	89.3	95.4	83.9	11.5	81	58	69	69	0	—	0	—	0.0	8.10	1.8	
2	89.8	2.2	0.4	97.5	2.5	87.2	15.3	59	54	48	54	0	—	0	—	0.0	7.90	2.0	
3	96.2	1.5	0.5	99.4	1.9	94.7	7.2	59	34	42	45	0	—	5	cs	10	5.0	2.6	
4	99.6	6.4	98.3	1.4	7.4	97.5	9.9	61	33	86	65	0	—	0	—	0.0	7.90	1.6	
5	0.5	8.5	3.8	4.3	8.7	96.4	12.3	61	51	79	64	0	—	0	—	0.0	7.80	2.7	
6	92.6	91.0	87.2	90.3	4.1	86.9	17.2	57	60	50	56	0	—	10	cs	0	3.3	0.00	1.7
7	83.4	90.6	87.4	87.1	91.0	82.1	8.9	48	40	51	46	0	—	4	sk	0	1.3	7.30	1.5
8	83.9	90.4	87.8	87.4	91.3	83.4	7.9	58	51	48	51	0	—	0	—	0.0	6.10	1.5	
9	86.4	93.6	90.2	90.1	95.3	85.7	9.6	82	53	57	64	0	—	0	—	0.0	7.90	1.4	
10	94.2	3.8	1.8	99.9	3.8	88.5	15.3	45	42	43	43	0	—	0	—	0.0	7.60	3.7	
11	0.6	5.1	98.2	1.3	5.3	98.0	7.3	65	52	66	61	0	—	10	sk	9	6.3	0.00	2.4
12	92.1	95.6	89.8	92.5	98.4	89.7	8.7	49	33	57	46	0	—	1	sk	0	0.3	7.90	1.8
13	89.4	0.6	0.2	96.7	1.9	88.1	13.8	70	54	36	53	0	—	0	—	0.0	8.20	3.4	
14	96.2	0.4	94.2	96.9	0.9	94.2	6.7	78	27	42	49	0	—	1	cs	0	0.3	7.80	2.3
15	90.2	93.5	88.0	90.6	94.4	87.9	6.5	57	55	53	55	0	—	10	cs	3.3	6.50	2.2	
16	82.2	92.0	86.8	87.0	93.2	81.2	12.0	77	40	58	58	0	—	0	—	0.0	8.20	2.5	
17	84.8	99.6	98.4	94.3	0.4	83.8	16.6	71	55	70	65	0	—	4	sk	9	4.3	4.0	2.6
18	92.5	94.2	89.7	92.1	99.2	89.1	10.1	78	54	74	69	10	—	1	sk	0	3.7	7.80	1.4
19	85.4	99.4	92.0	92.3	0.0	84.8	15.2	81	28	59	56	0	—	0	—	0.0	7.30	2.1	
20	95.6	3.6	1.2	0.1	4.0	90.3	13.7	57	41	70	56	0	—	7	cs	10	5.7	3.20	3.6
21	98.5	99.8	93.8	97.4	1.7	93.6	8.1	83	32	65	60	10	—	1	cs	1	4.0	7.10	1.9
22	90.2	2.4	97.2	96.6	3.2	89.4	13.8	72	42	69	61	5	cs	5	cs	0	3.3	7.60	2.2
23	93.0	3.0	95.6	97.2	4.6	91.3	13.3	81	38	52	57	0	—	0	—	0.0	8.50	2.4	
24	99.2	5.8	0.1	1.7	6.6	94.9	11.7	58	32	53	48	5	—	7	cs	2	4.7	7.80	2.4
25	98.8	5.8	98.4	1.0	6.5	94.4	12.1	82	52	62	65	2	—	4	cs	4	2.0	8.00	2.1
26	94.2	1.0	92.6	95.9	1.2	91.2	10.0	88	40	68	65	10	—	0	—	3.3	7.70	2.3	
27	90.2	99.7	93.8	94.6	1.4	87.9	13.5	85	43	54	61	0	—	0	—	0.0	7.90	2.8	
28	99.0	6.8	99.8	1.9	6.8	93.6	13.2	39	33	52	41	0	—	10	sk	0	3.3	7.30	4.3
29	96.4	0.1	93.0	96.5	1.1	92.9	8.2	78	40	46	55	7	—	5	cs	0	4.0	6.30	2.9
30	88.2	99.2	94.4	93.9	99.8	86.7	13.1	68	28	45	47	0	—	10	cs	0	3.3	6.20	2.6
31	93.6	1.8	97.5	97.6	4.3	90.2	14.1	64	39	46	50	10	—	0	—	4.0	8.20	2.2	
平均 Mean	92.3	99.7	94.9	95.6	1.2	89.7	11.5	68	43	57	56	1.9		2.9		1.5	2.1	297.30	72.9

* 重力ノ更正 Reduction to standard gravity.....- 0.3
海面ノ更正 Reduction to mean sea level.....+ 3.8

鄭家屯

昭和七年一月

CHENGCHIATUN.

JANUARY, 1931.

Table with columns for Day, Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Includes sub-columns for 5h, 13h, 21h, and Mean values.

Table with columns for Day, Air Temperature (°C), Relative Humidity (%), Cloud Amount and Forms, and Sunshine. Includes sub-columns for 5h, 13h, 21h, Mean, Max, Min, Range, and Sunshine hours.

* 重力ノ更正 Reduction to standard gravity - 0.1
海面へノ更正 Reduction to mean sea level + 11.5

洪 南
TAONAN.

昭和七年一月

JANUARY, 1931.

日 Day	氣 壓 * (耗) AIR PRESSURE (mm) (700 mm +)				風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND								降 水 量 (耗) AMOUNT OF PRECIPITATION (mm)				
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	平均 Mean	21 ^h	二十四時 間平均 Mean for 24h.	21-5 ^h	5-13 ^h	13-21 ^h	總計 Total			
1	52.3	50.0	48.8	50.4	WSW	2.5	WSW	3.0	WSW	3.4	3.1						
2	44.6	39.6	36.0	40.1	SW	3.5	SSW	5.8	SW	5.5	4.0						
3	39.0	40.1	41.0	40.0	NW	3.0	W	8.2	WSW	4.8	5.7						
4	42.4	43.7	47.9	44.7	W	1.9	W	3.4	S	1.2	2.3						
5	46.9	49.7	45.4	45.3	NNE	3.9	N	7.2	NNW	7.1	5.7						
6	53.2	57.0	59.4	56.5	NW	4.1	NW	10.5	W	4.5	5.8						
7	56.4	54.2	57.1	55.9	—	0.2	NW	5.0	N	3.4	2.4						
8	53.6	51.8	52.5	52.6	—	0.0	W	3.6	WNW	2.6	1.7						
9	52.7	55.5	56.2	54.8	—	0.3	WNW	5.0	SSW	3.1	2.5						
10	54.1	51.4	49.9	51.8	WSW	2.0	SW	4.7	SSW	5.0	4.5						
11	47.8	46.7	49.1	47.9	SSW	2.9	NNW	3.0	N	7.0	4.0		0.0	0.0			
12	53.7	54.9	58.3	55.6	W	1.9	NW	5.5	WNW	2.4	3.0		0.2	0.2			
13	53.9	48.1	47.4	49.5	WSW	2.9	SW	10.2	W	9.9	5.5						
14	54.3	51.5	57.3	54.4	W	7.4	NW	6.1	WNW	5.5	5.0						
15	62.1	62.9	61.9	63.0	NW	2.9	N	4.4	SSW	2.6	2.7						
16	61.8	59.9	59.2	60.2	NNW	2.2	NW	2.3	SSW	2.6	2.0						
17	47.5	54.9	56.8	53.1	WNW	3.2	S	2.5	S	1.5	2.2		0.3	0.3			
18	60.8	62.0	63.0	61.9	NNW	3.0	WNW	1.7	S	2.8	2.3						
19	62.1	58.8	56.5	59.1	SW	2.5	SSW	6.4	S	5.5	3.1						
20	53.0	49.5	53.1	51.9	S	4.1	SSE	7.0	W	5.3	4.6						
21	58.4	60.9	59.5	59.4	WSW	0.6	W	9.1	W	3.4	5.3						
22	53.2	55.9	56.4	56.3	—	0.3	W	3.3	SW	0.8	2.6						
23	55.9	53.4	53.8	54.4	SW	3.3	SSW	7.6	SW	3.3	3.7						
24	54.3	53.0	53.5	53.6	WNW	1.2	WNW	2.2	WNW	0.9	2.1						
25	51.0	54.2	55.1	51.4	WSW	0.9	NNW	1.8	NE	0.6	1.7						
26	56.8	53.0	53.0	56.3	NE	1.5	W	2.9	SW	3.4	1.8						
27	56.3	53.0	48.3	52.5	W	2.0	SSW	6.1	SSE	4.2	4.1						
28	47.3	50.3	55.8	51.1	S	3.7	N	3.4	ESE	2.0	2.5						
29	59.1	59.6	61.7	59.8	ESE	3.2	NW	5.7	NNW	2.0	2.7						
30	60.9	59.8	57.7	59.5	NNW	1.9	ESE	1.8	E	3.0	2.2						
31	58.0	59.9	55.3	57.7	E	2.9	E	2.3	E	2.9	2.5						
平均 Mean	53.9	53.3	53.9	53.7		2.4		4.9		3.6	3.3		0.2	0.5			

日 Day	氣 溫 (攝氏) AIR TEMPERATURE (°C)					濕 度 (百分率) REL. HUMIDITY (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日 照 時 數 NO. OF HOURS OF SUNSHINE	蒸 發 量 (耗) AMOUNT OF EVAPORATION (mm)			
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h			21 ^h	平均 Mean	
1	81.5	97.0	83.5	89.3	97.4	80.2	17.2	82	95	73	83	0	—	0	—	0.0	8.34	1.0
2	83.5	96.8	93.3	91.2	97.0	82.0	15.0	73	74	55	67	0	—	0	—	3.0	5.29	1.3
3	93.5	96.3	90.4	93.4	96.9	89.9	7.0	82	32	89	68	0	—	9	sc	5.3	6.58	1.6
4	86.1	97.5	90.3	91.3	93.3	85.4	12.9	86	35	66	62	0	—	0	—	0.0	8.27	1.2
5	88.8	94.5	87.6	90.3	95.7	86.8	8.9	46	50	36	44	2	sc	10	n	7.3	6.89	1.1
6	81.0	86.3	81.5	82.6	87.6	80.2	7.4	93	40	76	70	0	—	1	c	0.3	7.93	1.1
7	77.1	81.0	78.7	79.2	83.0	76.6	6.4	67	53	78	67	0	—	2	sc	0.7	8.10	0.5
8	72.9	83.7	78.5	78.4	84.5	71.6	12.9	66	49	93	69	0	—	1	—	0.3	8.20	0.5
9	76.3	89.5	82.4	82.7	92.0	74.2	17.8	73	70	61	68	0	—	0	—	0.0	8.16	1.0
10	86.3	99.6	92.9	92.9	0.4	81.6	18.8	73	33	41	49	0	—	0	—	0.0	8.17	1.8
11	91.9	93.1	87.6	90.9	93.7	87.6	6.1	87	48	80	72	4	sc	10	sc	8.0	4.57	0.8
12	84.5	91.7	83.0	86.7	92.4	82.0	10.4	90	38	54	61	3	sc	0	—	1.0	8.29	0.9
13	81.2	99.1	97.9	92.7	99.2	79.6	19.6	81	39	83	65	0	—	5	e	2.7	5.25	2.1
14	89.5	95.5	88.2	91.1	98.2	88.9	10.2	85	26	49	53	0	—	0	—	0.0	8.52	1.9
15	80.7	89.1	81.5	83.8	90.0	79.8	10.2	81	31	64	59	0	—	0	—	0.0	8.33	0.8
16	76.9	89.5	83.2	83.2	91.4	75.8	15.6	67	40	51	54	0	—	0	—	0.0	8.38	1.0
17	77.8	92.5	88.8	89.4	92.8	78.8	16.0	77	36	65	59	0	—	9	sc	3.9	6.41	0.8
18	80.1	90.3	82.4	84.3	93.2	78.8	14.4	86	66	89	80	0	—	0	—	0.0	8.44	0.9
19	80.3	95.3	88.8	88.1	96.3	78.5	17.8	73	35	59	56	0	—	1	e	3.7	8.56	1.3
20	87.5	98.4	96.1	94.0	1.2	83.3	17.9	88	43	89	73	9	sc	10	sc	9.7	3.23	1.3
21	86.9	95.8	88.6	90.4	97.3	85.8	11.5	83	27	55	55	0	—	0	—	0.0	8.63	1.5
22	85.2	99.8	87.9	91.0	1.4	84.7	16.7	86	29	69	61	7	e	0	—	2.7	7.99	1.1
23	84.5	0.1	91.7	92.1	1.5	83.7	17.8	89	68	50	68	0	—	0	—	0.0	8.71	2.1
24	83.7	93.3	88.7	89.3	93.7	82.8	15.9	89	59	69	69	0	—	0	—	3.3	8.61	1.0
25	85.9	94.5	88.8	89.7	97.3	84.9	12.4	77	59	81	69	0	—	0	—	3.3	8.76	1.2
26	86.1	98.4	89.1	91.2	0.4	85.4	15.0	82	29	55	59	0	—	0	—	0.0	8.63	1.5
27	83.7	98.0	91.6	91.1	99.4	82.1	17.3	89	26	62	59	2	e	0	—	1.0	8.74	2.2
28	87.3	95.8	88.3	90.5	97.4	86.7	10.7	87	44	69	67	4	sc	10	sc	4.7	6.47	1.0
29	84.3	96.7	87.2	89.4	97.3	82.7	14.6	84	29	56	56	0	—	0	—	0.0	8.32	1.8
30	85.1	97.0	89.9	90.7	97.4	82.7	14.7	81	33	67	60	0	—	3	c	2.7	7.97	1.5
31	85.5	97.5	93.5	92.2	98.4	85.4	13.0	86	35	55	59	10	sk	0	—	4.7	4.18	1.6
平均 Mean	83.7	94.4	87.9	88.7	95.7	82.1	13.6	80	44	66	63	1.3		3.3		1.9	233.36	39.5

* 重力ノ更正 Reduction to standard gravity.....- 0.0
海面へノ更正 Reduction to mean sea level.....+ 15.2

哈爾濱 KHARBIN.

昭和七年一月

JANUARY, 1934

日 Day	氣 壓 * (托) AIR PRESSURE. (mm) (700 mm +)				風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.							降 水 量 (托) AMOUNT OF PRECIPITATION. (mm)				總計 Total
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	二十四時 間平均 Mean for 24h	21-5 ^h	5-13 ^h	13-21 ^h	21-5 ^h	5-13 ^h	13-21 ^h		
1	52.7	53.5	50.2	52.1	SSE	5.8	SW	3.9	SW	2.9	3.5	—	—	—	—	
2	46.6	43.1	38.2	42.6	SSW	3.5	SSW	6.0	S	6.5	4.4	—	—	—	—	
3	36.5	37.9	41.2	38.5	W	6.0	W	7.1	SW	5.6	5.3	0.0	—	—	0.2	
4	42.1	44.0	49.1	45.1	WNW	0.8	WSW	5.8	W	2.5	3.3	—	—	—	—	
5	50.2	45.5	45.2	47.0	S	3.2	S	3.6	W	5.8	3.4	—	—	—	—	
6	49.0	56.5	57.3	54.2	NNW	8.8	W	6.4	WNW	2.6	5.3	—	—	—	—	
7	56.3	55.2	55.2	55.6	W	3.0	W	5.0	NW	2.5	3.2	—	—	—	—	
8	54.2	53.0	53.0	53.4	SW	2.3	SW	6.8	S	4.4	3.2	—	—	—	—	
9	52.5	54.6	53.6	53.6	S	2.4	SW	4.7	S	3.5	3.3	—	—	—	—	
10	55.2	53.7	52.8	53.9	SSE	5.4	SSW	7.3	S	5.4	4.9	—	—	—	—	
11	51.0	48.2	48.9	49.4	SSW	6.4	S	9.7	WNW	2.3	6.5	—	—	0.8	0.8	
12	50.1	53.0	57.7	53.6	W	8.8	NNW	5.3	SW	2.5	5.0	3.1	—	—	3.1	
13	54.6	51.2	47.0	50.9	S	3.7	SW	6.1	S	10.5	5.0	—	—	—	—	
14	51.4	54.7	55.9	54.0	WNW	2.9	NW	6.0	SSW	3.2	4.3	—	—	—	—	
15	58.1	62.2	63.7	61.3	NNW	3.8	NNW	4.8	NE	0.9	3.6	—	—	—	—	
16	62.6	60.7	60.2	61.2	SW	2.0	SW	3.3	SW	1.9	2.3	—	—	—	—	
17	59.6	58.2	58.1	58.1	SSW	3.8	S	3.7	SSE	3.5	3.6	—	—	—	—	
18	59.5	61.2	64.4	61.7	S	1.1	WNW	3.3	SSW	0.6	2.6	—	—	—	—	
19	64.3	62.2	60.5	62.3	S	4.7	SW	5.5	SSW	5.3	3.8	—	—	—	—	
20	56.9	53.8	52.4	54.4	S	7.0	SSW	8.8	SW	8.3	6.8	—	—	—	—	
21	55.4	58.4	59.9	57.9	WSW	3.7	W	6.0	SSW	3.5	4.8	—	—	—	—	
22	59.4	57.5	57.6	58.2	S	2.9	SSW	4.6	SSW	4.0	3.8	—	—	—	—	
23	56.4	55.4	55.8	55.4	S	3.3	SW	5.1	SSW	4.2	4.3	—	—	—	—	
24	55.6	53.9	53.8	54.4	S	5.0	SSW	4.3	S	3.2	3.7	—	—	—	—	
25	53.1	53.9	55.2	54.1	SSW	1.5	SW	4.4	N	2.0	2.3	—	—	—	—	
26	56.6	55.9	56.7	56.4	N	1.3	NNW	2.9	SSW	1.8	1.6	—	—	—	—	
27	55.5	54.9	53.6	54.7	S	5.0	WSW	4.2	S	5.5	3.4	—	—	—	—	
28	49.7	49.7	51.7	51.4	S	5.3	WSW	5.0	SW	2.3	5.0	—	—	—	—	
29	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—
30	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—
31	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—
平均 Mean	53.8	53.6	54.0	53.8			4.1		5.3			3.1	0.2	0.8	4.1	

日 Day	氣 温 (攝氏) AIR TEMPERATURE. (°C)						濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日 照 時 數 NO. OF HOURS WITH SUNSHINE.	蒸 發 量 AMOUNT OF EVAPORATION.			
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h			平均 Mean		
1	81.6	90.8	83.8	85.4	91.2	81.2	10.0	82	66	75	74	0	—	0	—	0.0	7.60	0.6	
2	82.0	91.8	91.0	88.3	93.3	81.3	12.0	77	67	69	71	0	—	4	sc	2.3	7.02	0.2	
3	89.6	94.9	90.0	91.5	95.4	89.0	6.4	92	63	64	73	10	n	0	—	5.7	5.96	0.4	
4	81.4	92.6	88.2	87.4	94.0	80.2	13.8	82	58	72	71	0	—	0	—	0.0	6.60	0.5	
5	85.6	98.4	93.1	94.0	98.4	83.2	15.2	86	56	64	69	10	sk, n	10	sk, cc	6.7	2.55	0.3	
6	85.2	86.4	83.2	84.9	98.1	82.4	15.7	81	65	83	76	10	n, sk	7	cs, kc	5.7	3.20	0.5	
7	73.9	80.1	76.5	76.8	83.8	73.9	9.9	89	61	64	71	0	—	0	—	0.0	6.30	0.7	
8	72.0	79.6	77.2	76.3	80.2	71.8	8.4	75	58	75	69	0	—	3	ck	3.7	5.11	0.6	
9	74.3	84.5	80.1	79.6	85.6	73.6	12.0	79	56	67	67	1	c	0	—	0.3	7.40	0.7	
10	76.5	93.3	91.5	87.1	95.1	76.4	18.7	75	58	76	70	0	—	0	—	0.0	7.82	1.4	
11	94.6	0.6	95.1	96.8	1.3	89.9	11.4	74	82	97	84	6	n, cc	10	c, cs	8.7	2.80	1.9	
12	83.9	88.0	84.6	85.5	95.1	83.4	11.7	84	68	66	73	10	n	0	—	5.7	3.62	0.7	
13	78.6	88.6	93.0	86.7	93.0	78.5	14.5	78	85	69	77	0	—	10	n	3.3	7.15	1.2	
14	87.2	93.2	84.0	88.1	95.5	83.4	12.1	91	57	58	69	0	—	2	c, ck	1.0	7.08	1.1	
15	78.9	86.0	78.0	81.0	86.5	78.0	8.5	78	40	70	63	0	—	0	—	0.0	7.40	1.0	
16	73.8	87.2	81.4	80.8	88.6	73.4	15.2	69	50	70	63	0	—	0	—	0.0	7.90	0.9	
17	77.6	90.0	86.0	84.5	90.2	77.0	13.2	77	64	65	69	0	—	0	—	3.0	7.26	0.2	
18	81.5	89.6	82.6	84.6	91.7	80.8	10.9	82	67	66	72	0	—	0	—	0.0	7.60	0.7	
19	78.4	91.0	85.4	84.9	91.5	78.0	13.5	84	66	76	75	0	—	6	c	0.0	7.80	0.9	
20	87.2	96.4	96.8	93.5	97.0	84.8	12.2	67	63	81	70	2	c, cs	10	sc, c	6.0	4.73	1.3	
21	87.4	95.2	88.6	90.4	97.3	86.8	10.5	75	35	52	54	0	—	0	—	0.0	7.92	1.5	
22	84.9	94.2	88.8	89.3	95.4	83.4	12.0	72	57	72	67	6	c, sc	7	c, ck	4.3	6.95	1.0	
23	85.4	98.0	90.2	91.2	98.2	85.2	13.0	81	54	79	71	0	—	0	—	0.0	8.01	1.3	
24	88.7	98.2	91.7	92.9	98.7	87.2	11.5	81	63	81	75	3	sc	5	c	3.3	7.10	1.1	
25	86.2	97.4	90.0	91.2	98.5	85.7	12.8	91	56	75	74	0	—	0	—	0.0	8.63	1.4	
26	81.9	94.0	88.8	88.2	95.6	80.8	14.8	88	54	69	70	8	ck, sk	0	—	2.7	7.60	0.8	
27	82.8	95.0	89.2	89.0	96.0	82.8	13.2	89	59	81	76	0	—	0	—	2.7	7.30	0.9	
28	82.9	98.3	88.0	89.7	98.5	88.0	10.5	89	67	88	81	0	—	0	—	1.7	6.18	...	
29
30
31
平均 Mean	82.3	91.9	87.2	87.1	93.7	81.4	12.2	81	61	72	71.24			3.5		1.3	2.4	181.99	23.5

重力ノ更正 Reduction to standard gravity.....+ 0.1
 海面ノ更正 Reduction to mean sea level.....+ 15.2

齊々哈爾 TSITSIKHAR.

昭和七年一月

JANUARY, 1931

Table with columns for Day, Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Includes sub-columns for 5h, 13h, 21h, and Mean values.

Table with columns for Day, Air Temperature (C), Rel. Humidity (%), Amount and Forms of Cloud, and Evaporation. Includes sub-columns for 5h, 13h, 21h, Mean, Max, Min, Range, and cloud types.

* 重力ノ更正 Reduction to standard gravity.....+ 0.1
海面ノ更正 Reduction to mean sea level.....+ 20.4

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印刷所 小林又七支店印刷部

大連市若狹町三十三番地

昭和七年二月

滿 洲 氣 象 表

REPORT

OF THE

METEOROLOGICAL OBSERVATIONS

MADE AT THE

METEOROLOGICAL STATIONS

IN

MANCHURIA.

FEBRUARY, 1932.

PUBLISHED BY THE METEOROLOGICAL OBSERVATORY, DAIREN.

凡 例

本編ハ昭和七年二月中滿洲各觀測所ニ於ケル氣象觀測ノ成績ヲ示スモノニシテ其ノ觀測ノ時刻方法等ハ日本各測候所ト全ク同一ノ式ニ據ル今其要點ヲ擧クレバ

觀測時ハ日本西部標準時即チ東經百二十度ノ地ノ平時ニ據リ夜半ヲ日界トスル二十四時間制ヲ用フ但シ日照時數ハ眞太陽時ニ據ル

氣壓ハ耗ヲ以テ示シ晴雨計示度ニ施スニ單ニ溫度ノ更正ノミヲ以テシ海面上高サノ更正及重力ノ更正ハ施サズ

溫度ハ攝氏ノ度ニ據ル但シ氷點以下ノ度ハ負數ヲ用ヒズ百ヨリ其度ヲ減ジ其餘數ヲ以テ之ヲ示ス即チ氷點以下一度ハ九十九度氷點以下五度ハ九十五度ト記スルガ如シ

或ル觀測時ニ於ケル風速ハ其觀測時前二十分間ノ平均風速ヲ以テ之ヲ示ス

平均雲量ニ未滿ナル日ヲ快晴トシ八以上ナル日ヲ曇天トス

風ノ速度一秒時間十米以上ヲ觀測シタル日ヲ暴風日トス

INTRODUCTION.

The present publication contains the results of the meteorological observations made at the meteorological stations in Manchuria for the month of February, 1932.

The instruments and the method of observation are the same as those at the meteorological stations in Japan. The followings are to be particularly noticed.

Hours of Observations.—The Western Standard Time of Japan (civil mean time of the meridian 120° E.) is adopted. For the measure of sunshine duration the apparent solar time is used.

Pressure.—The barometric readings in millimetres are reduced only to freezing point.

Temperature.—The degrees are given in Centigrade; those below zero are shown by adding 100, to avoid the minus sign; thus 99° for -1°, 95° for -5°, etc.

Velocity of the Wind.—As the velocity at any time is given the mean for the preceeding 20 minutes.

Clear and Cloudy Days.—The mean amount of cloud for a clear day is less than 2 exclusive, and for a cloudy day is more than 8 inclusive.

Days with Gales.—As such are counted the days on which the maximum velocity reaches or exceeds 10 metres per second.

現象記號

ILLUSTRATION OF SYMBOLS

(1) 萬國共通記號 *International symbols*

雨 ● Rain 雪 ✱ Snow 電雷 ⌘ Thunder storm 雷聲 T Thunder without lightning 電光 < Lightning without thunder 霰 △ Graupel 雹 ▲ Hail 霧 ≡ Mist, fog	霜 L Hoar frost 露 ^ Dew 露水 v Silver thaw 雨水 ~ Glazed frost 吹雪 + Snow drift 細水 ← Ice crystals 積雪 囧 Snow lying 暴風 / Gale	日暈 ⊕ Solar halo 日光環 ⊙ Solar corona 月暈 ∪ Lunar halo 月光環 ⊖ Lunar corona 虹 ∩ Rainbow 極光 ∞ Aurora 煙霧 ∞ Haze 黃道光 λ Zodiacal light
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(2) 其他ノ記號 *Other symbols*

凍雨 ⊕ Frozen rain 霜柱 Y Ice columns in ground 朝焼け ☽ Red sky 卷雲 C Cirrus 層雲 S Stratus 積雲 K Cumulus 亂雲 N Nimbus	凍露 ∞ Frozen dew 波狀雲 ∞ Undulated cloud 海鳴 𠄎 Oceanic noise 卷層雲 CS Cirro-stratus 高層雲 SC Alto-stratus 高積雲 KC Alto-cumulus	結氷 ⊖ Ice 黃砂 ≡ Yellow dust 地震 ⊙ Earthquake 卷積雲 CK Cirro-cumulus 層積雲 SK Strato-cumulus 積亂雲 KN Cumulo-nimbus
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(3) 現象ノ強サ *The intensity of the phenomena*

現象ノ強弱ヲ示ス爲ニ記號ノ右肩ニ 0.1.2.ノ數字ヲ記ス例ヘキ

The intensity of a phenomenon is shown by an index added to its symbol, thus:—

微雨 ●⁰ slight rain 中雨 ●¹ moderate rain 強雨 ●² heavy rain

地震震度階級 *Intensity of earthquakes*

微震 ⊙⁽¹⁾ slight 弱震(弱キ方) ⊙⁽²⁾ moderate 弱震 ⊙⁽³⁾ rather strong
 強震(弱キ方) ⊙⁽⁴⁾ strong 強震 ⊙⁽⁵⁾ very strong 烈震 ⊙⁽⁶⁾ disastrous

大 連

DAIREN.

FEBRUARY, 1932.

昭和七年二月

Table with columns for Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Includes sub-headers for '氣 壓 * (耗) AIR PRESSURE (700 mm +)', '風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.', and '降 水 量 (耗) AMOUNT OF PRECIPITATION (mm)'. Rows represent days from 1 to 29, with a summary row at the bottom.

Table with columns for Air Temperature (°C), Relative Humidity (%), Cloud Amount (0-10) and Forms of Cloud, and Amount of Evaporation (mm). Includes sub-headers for '氣 温 (攝氏) AIR TEMPERATURE (°C)', '濕 度 (百分率) REL. HUMIDITY. (%)', '雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.', and '蒸 發 量 (耗) AMOUNT OF EVAPORATION (mm)'. Rows represent days from 1 to 29, with a summary row at the bottom.

重力和更正 Reduction to standard gravity..... 0.4
海面へ更正 Reduction to mean sea level..... 4 9.5

大 連

DAIREN.

昭和七年二月

FEBRUARY, 1932

日 Day	水 蒸 氣 の 張 力 (耗) TENSION OF VAPOUR. (mm)							地 面 温 度 (攝氏) EARTH TEMP. ON THE SURFACE. (°C)				地 中 温 度 (攝氏) EARTH TEMPERATURE. (°C)										最 低 地 温 攝 氏 MIN. TEMP. ON GROUND. (°C)	最 高 日 温 攝 氏 MAX. DAILY TEMP. (BLACK BULB.) (°C)
	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	平均 Mean	6 ^h	14 ^h	22 ^h	平均 Mean	0.05 ^m	0.1 ^m	0.2 ^m	0.3 ^m	0.5 ^m	1.0 ^m	2.0 ^m	3.0 ^m	4.0 ^m	5.0 ^m		
1	1.7	3.3	2.6	3.1	3.9	5.0	3.3	98.5	2.6	0.5	0.5	99.7	99.8	99.8	0.5	1.3	3.3	5.2	7.2	9.1	10.4	97.8	15.2
2	4.1	4.0	3.3	2.7	2.4	2.1	3.1	0.0	0.0	98.0	99.3	99.8	0.0	99.8	0.6	1.4	3.3	5.1	7.1	9.0	10.2	94.8	7.0
3	1.6	1.4	1.4	1.4	1.6	1.7	1.5	95.7	93.8	95.3	96.6	98.5	98.9	99.7	0.6	1.5	3.5	5.3	7.1	9.0	10.1	91.0	1.1
4	1.7	1.7	1.5	1.0	1.2	1.3	1.4	93.2	96.5	92.8	94.2	96.5	96.6	98.7	0.3	1.2	3.5	5.2	7.1	9.0	10.1	89.7	98.8
5	1.1	1.2	1.3	1.3	1.3	1.3	1.3	92.3	96.9	93.0	94.1	95.3	95.2	97.0	0.3	0.5	3.2	5.1	7.1	9.0	10.0	89.7	
6	1.3	1.4	1.6	1.5	1.6	1.7	1.5	92.2	99.0	94.5	95.2	95.6	95.2	96.4	0.0	3.0	5.2	7.0	9.0	9.9	9.0	90.0	
7	1.5	1.6	1.6	1.4	1.7	2.0	1.6	92.0	99.1	95.6	95.6	95.9	94.9	96.1	98.0	99.8	2.8	5.2	6.9	8.9	9.9	89.7	
8	1.7	1.5	1.3	1.2	1.4	1.3	1.4	93.9	99.6	95.2	95.6	97.1	96.7	97.2	98.5	99.8	2.6	5.1	6.9	8.8	9.9	90.0	
9	1.2	1.1	1.2	1.3	1.5	1.6	1.3	92.4	99.0	92.4	94.6	95.1	95.4	96.4	98.0	99.6	2.5	5.0	6.9	8.9	9.9	89.7	
10	1.6	1.6	1.6	1.4	1.8	2.1	1.7	91.7	99.0	94.4	95.0	95.3	94.6	95.7	97.5	99.3	2.5	4.9	6.9	8.8	9.9	89.7	
11	2.2	2.2	3.2	3.0	2.3	3.8	2.8	92.5	1.8	99.5	97.9	97.2	95.7	96.3	97.8	99.8	2.2	4.9	6.9	8.7	9.9	90.6	
12	4.1	4.1	4.4	4.4	2.7	2.1	3.6	99.5	0.1	95.4	98.3	99.4	99.5	99.0	99.4	99.9	2.2	4.8	6.9	8.7	9.9	93.5	
13	1.9	2.0	1.8	2.3	2.6	2.2	2.2	94.5	0.5	95.4	96.8	97.0	96.4	97.2	98.8	0.0	2.3	4.7	6.7	8.6	9.9	91.5	
14	2.3	2.8	3.2	3.2	3.6	3.5	3.1	94.5	3.2	99.7	99.1	98.0	96.7	97.2	98.5	99.8	2.1	4.6	6.6	8.5	9.7	91.4	
15	3.3	1.7	1.4	1.4	1.2	1.3	1.7	96.8	0.2	92.8	96.6	97.8	98.4	98.7	99.5	0.0	2.3	4.5	6.6	8.5	9.6	89.9	
16	1.0	0.8	0.9	1.1	1.0	0.9	1.0	90.5	96.0	88.7	91.7	93.8	94.1	95.8	98.0	99.7	2.0	4.5	6.6	8.5	9.4	86.4	
17	1.1	0.9	0.9	1.0	0.9	0.9	1.0	88.4	97.6	87.8	91.3	93.1	92.6	94.1	96.2	98.9	2.1	4.4	6.4	8.5	9.6	84.9	
18	0.9	1.2	1.5	1.7	1.8	2.0	1.5	86.9	3.3	91.0	93.7	93.2	91.9	93.3	95.4	98.3	1.8	4.4	6.4	8.5	9.4	85.2	
19	2.1	2.7	3.6	3.1	2.2	1.6	2.6	95.5	97.0	94.4	95.6	95.7	95.4	95.5	96.5	98.3	1.7	4.4	6.4	8.4	9.4	87.2	
20	1.2	1.8	1.6	2.2	2.2	2.1	1.9	93.8	98.5	95.5	95.9	94.8	94.7	95.3	96.7	98.5	1.5	4.4	6.4	8.3	9.4	85.3	
21	2.9	3.1	3.7	4.2	3.1	3.0	3.3	97.1	0.2	97.7	98.3	98.2	97.5	97.9	97.8	99.0	1.6	4.4	6.4	8.3	9.4	94.4	
22	2.4	1.1	1.1	1.3	1.3	1.1	1.4	93.4	96.4	91.5	93.8	95.2	95.4	96.7	98.2	99.2	1.5	4.1	6.2	8.2	9.4	90.1	
23	1.1	1.2	1.6	1.5	1.5	1.2	1.4	90.7	98.2	91.7	93.5	94.7	93.5	94.6	96.3	98.5	1.5	4.1	6.2	8.2	9.4	89.6	
24	1.3	1.3	1.3	1.4	1.1	1.5	1.3	91.3	97.0	91.3	93.2	94.0	93.9	94.7	96.3	98.2	1.3	4.0	6.1	8.1	9.4	90.1	96.6
25	1.4	1.5	1.5	1.5	1.4	1.5	1.5	90.5	0.2	91.8	94.2	94.7	93.2	94.1	95.6	97.7	1.2	3.9	6.1	8.0	9.1	89.7	0.0
26	1.5	1.6	1.5	1.4	1.7	1.6	1.6	90.2	0.3	92.0	94.2	94.8	93.1	94.0	95.6	97.8	1.2	3.9	5.9	8.0	9.2	88.0	0.8
27	1.6	2.2	1.4	1.5	1.6	1.7	1.7	90.7	1.5	92.3	94.8	95.1	93.3	94.1	95.7	97.9	1.0	3.9	5.9	8.0	9.1	88.7	3.2
28	1.6	1.7	2.0	1.9	1.9	1.8	1.8	90.5	1.9	94.2	95.5	96.0	93.9	94.5	96.1	98.0	1.0	3.9	5.9	7.9	8.9	88.7	5.8
29	2.0	2.4	2.1	2.4	2.2	2.3	2.2	95.3	6.8	98.5	0.2	98.3	96.7	96.6	97.6	98.5	1.0	3.7	5.9	7.8	9.1	93.8	14.6
平均 Mean	1.8	1.9	1.9	2.0	1.9	1.9	1.9	93.3	99.7	94.2	95.7	96.2	95.6	96.4	97.8	99.4	2.1	4.6	6.6	8.5	9.6	90.0	4.1

記 事

REMARKS.

日 Day	REMARKS.	
1	☉	☉21 ^h 37-
2	☉	☉7-4 ^h 35. ☉*8 ^h 48-9 ^h 10.
3		
4		
5		
6		
7	☉	
8	☉	
9	☉	
10	☉	
11		*☉23 ^h 42-
12	☉	*☉2-4 ^h 18. *☉6 ^h 02...8 ^h 47. *☉10 ^h 42...13 ^h 20.
13	☉	
14	☉	
15		
16		
17		
18	☉	
19	☉	*☉4 ^h 50-☉13 ^h 57-☉14 ^h 13-☉14 ^h 55...☉16 ^h 20-16 ^h 45. ☉☉. ☉☉.
20	☉	
21	☉	☉17 ^h 55-☉18 ^h 30-23 ^h 45.
22	☉	
23	☉	
24	☉	
25	☉	
26	☉	
27	☉	
28	☉	
29	☉	

昭和七年二月

營口 YINGKOW.

FEBRUARY, 1932

Table with columns for Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Rows represent days from 1 to 29, with summary rows for '平均' (Average) and '合計' (Total).

Table with columns for Air Temperature (C), Relative Humidity (%), and Amount and Forms of Cloud. Rows represent days from 1 to 29, with summary rows for '平均' (Average) and '合計' (Total).

* 重力ノ更正 Reduction to standard gravity..... - 0.3
海面へノ更正 Reduction to mean sea level..... + 0.4

昭和七年二月

奉天 MUKDEN.

FEBRUARY, 1932

Table with columns for Day, Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Includes sub-headers for 2h, 6h, 10h, 14h, 18h, 22h, and Mean values.

Table with columns for Day, Air Temperature (°C), Relative Humidity (%), Amount and Forms of Cloud (0-10), and other weather metrics. Includes sub-headers for 2h, 6h, 10h, 14h, 18h, 22h, and Mean values.

* 電力ノ更正 Reduction to standard gravity..... 0.2
海面へノ更正 Reduction to mean sea level..... + 4.5

長 春 CHANGCHUN.

昭和七年二月

FEBRUARY, 1932.

Table with columns: Day, Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). It contains daily data from 1st to 29th February 1932, including wind directions like NE, NW, W, S, and precipitation amounts.

Table with columns: Day, Air Temperature (°C), Relative Humidity (%), Amount and Forms of Cloud, and Amount of Evaporation. It contains daily data from 1st to 29th February 1932, including temperature ranges, humidity percentages, cloud types like cs, sc, and evaporation amounts.

* 重力ノ更正 Reduction to standard gravity - 0.1
海面ノ更正 Reduction to mean sea level + 21.5

昭和七年二月

旅 順 RYOJUN.

FEBRUARY, 1932.

日 Day	氣 壓 * (耗) AIR PRESSURE. (mm) (700 mm +)				風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.								降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)			
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	二十四時 間平均 Mean for 24h.	21-5 ^h	5-13 ^h	13-21 ^h	總計 Total				
1	59.2	59.1	58.0	58.8	NE	3.3	ESE	5.4	E	4.3	3.7	—	—	—		
2	56.3	60.7	64.7	60.6	WSW	11.7	WNW	10.2	NNE	4.7	7.2	0.2	0.5	0.7		
3	66.0	65.8	66.6	66.1	NNE	5.3	NNE	11.1	NNE	7.5	8.7	—	—	—		
4	66.6	67.2	67.5	67.1	NNE	10.5	NNE	8.8	NNE	6.4	8.8	—	—	—		
5	68.0	68.7	68.5	68.4	NNE	5.8	NNE	6.0	NNE	8.8	7.2	—	—	—		
6	66.8	66.4	65.5	66.2	NNE	4.1	NW	7.4	N	2.3	5.3	—	—	—		
7	64.2	63.3	63.9	63.8	NNE	1.3	N	4.7	N	5.8	3.7	—	—	—		
8	64.3	65.3	66.0	65.2	N	10.5	NNE	8.8	N	11.5	8.9	—	—	—		
9	65.6	63.6	63.6	64.3	N	8.8	NNE	9.3	NNE	2.9	8.4	—	—	—		
10	62.2	60.5	61.2	61.3	N	2.9	N	4.1	WSW	5.8	4.7	—	—	—		
11	61.0	61.6	61.2	61.3	W	4.1	SSW	5.9	ESE	3.2	4.1	—	—	—		
12	61.2	60.2	63.6	61.3	S	0.7	WSW	7.6	WSW	3.5	4.1	0.4	0.4	0.8		
13	65.0	64.1	62.8	64.3	W	2.3	ESE	3.0	SW	0.6	2.5	—	—	—		
14	61.7	60.9	60.7	61.1	WSW	1.5	SW	6.7	E	1.3	2.8	—	—	—		
15	61.2	63.2	66.3	63.6	N	6.4	N	6.0	N	7.9	6.7	0.0	—	0.0		
16	66.0	69.5	69.3	68.3	NNE	5.5	WNW	5.8	N	1.1	5.3	0.0	0.2	0.2		
17	69.7	69.8	69.5	69.7	NNE	5.3	NW	7.6	NNW	1.3	4.5	—	—	—		
18	68.2	66.7	65.1	66.7	NNE	2.6	W	5.8	—	0.1	2.3	—	—	0.5		
19	61.0	55.8	60.9	59.2	ESE	6.0	SW	7.8	N	1.5	4.8	0.0	3.7	4.2		
20	60.1	61.3	59.7	60.4	—	0.4	SW	2.9	E	2.7	2.9	—	—	—		
21	57.8	56.5	58.1	57.5	ESE	5.8	E	5.0	N	10.5	6.4	—	—	—		
22	62.7	65.5	68.6	65.6	NNE	8.6	N	11.7	N	10.3	8.8	—	—	—		
23	69.5	70.2	69.7	69.8	NNE	2.6	N	5.8	N	11.1	5.0	—	—	—		
24	68.6	66.9	65.7	67.1	NNE	6.4	N	6.2	NW	3.5	5.1	—	—	—		
25	64.1	63.5	64.7	64.1	WNW	8.8	WNW	6.8	ENE	0.9	6.0	—	—	—		
26	64.2	64.6	65.6	64.8	WNW	2.9	NW	4.3	W	1.2	3.5	—	—	—		
27	63.7	63.1	64.0	63.6	WNW	5.3	W	2.5	W	2.9	3.9	—	—	—		
28	62.4	62.5	62.3	62.4	W	4.7	WNW	5.8	WSW	4.7	4.8	—	—	—		
29	58.9	57.6	58.3	58.3	SW	9.0	SW	16.7	WSW	4.7	10.2	—	—	—		
平均 Mean	63.6	63.6	64.2	63.8						4.6	5.5	0.6	4.8	1.0	6.4	

日 Day	氣 温 (攝氏) AIR TEMPERATURE. (°C)							濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日 照 時 數 NO. OF HOURS SUNSHINE.	蒸 發 量 (耗) AMOUNT OF EVAPORATION. (mm)			
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	平均 Mean					
1	0.5	5.1	2.5	2.7	5.8	99.4	6.4	54	56	87	66	8	sk	4	kc, ck	10	sk	7.3	1.25	1.5
2	99.0	98.6	95.5	97.7	2.7	94.5	8.2	90	66	55	70	10	s	10	sk	10	sk, s	10.0	3.40	2.0
3	94.0	94.8	93.0	93.9	97.0	92.0	5.0	54	45	54	51	0	—	4	c, sk	0	—	1.3	8.90	2.0
4	92.2	94.2	91.6	92.7	95.2	90.9	4.3	56	34	45	45	0	—	0	—	0	—	0.0	9.10	2.2
5	91.0	95.4	92.4	92.9	95.9	90.0	5.9	47	51	47	48	0	—	0	—	0	—	0.0	9.10	2.0
6	92.4	97.4	92.7	94.2	97.8	91.3	6.5	41	46	57	45	0	—	0	—	0	—	0.0	9.20	1.7
7	92.2	0.2	95.1	95.8	1.0	91.2	9.8	59	35	56	50	0	—	4	c, sk	4	cs	3.7	8.00	2.1
8	94.0	97.9	92.3	94.4	98.2	91.8	6.4	56	37	53	45	0	—	4	ck, cs	0	—	1.3	7.40	2.4
9	90.6	94.2	91.5	92.1	95.6	89.6	6.0	52	49	57	53	0	—	1	kc	0	—	0.3	6.75	1.5
10	91.3	98.0	94.2	94.5	98.5	90.2	8.3	63	43	68	58	0	—	10	kc	0	—	3.3	9.10	1.3
11	96.0	3.6	0.8	0.1	4.5	94.6	9.9	73	47	57	59	0	—	0	—	10	sk, sk	3.3	9.00	1.8
12	99.2	0.6	95.5	98.4	1.8	94.2	7.6	85	90	55	77	10	sk, s	10	sk	0	—	6.7	2.13	1.1
13	94.4	2.4	97.2	98.0	3.2	93.8	9.4	60	54	48	54	0	—	10	sk	0	—	3.3	8.62	2.0
14	97.0	4.8	0.2	0.7	5.2	95.7	9.5	76	50	72	66	0	—	2	c	10	sk	4.0	8.15	2.9
15	94.2	94.4	91.0	93.2	1.3	90.2	11.1	53	44	50	49	10	sk	1	sk	0	—	3.7	8.60	1.8
16	89.3	89.4	89.1	89.3	92.5	87.5	5.0	49	52	51	51	8	sk	9	sk	0	—	5.7	8.35	1.5
17	88.8	91.0	87.4	89.1	92.0	86.1	5.9	47	41	46	45	0	—	0	sk	0	—	0.0	7.93	1.2
18	87.6	94.4	92.8	91.6	96.2	85.1	11.1	59	49	90	66	0	—	10	sk	10	—	6.7	6.50	0.9
19	96.6	98.4	89.6	94.9	99.8	89.0	10.8	54	95	70	73	10	s	10	u	0	—	6.7	0.00	0.6
20	91.6	0.0	96.2	95.9	0.7	88.0	12.7	83	36	48	56	4	sk	3	c	0	—	2.3	9.90	1.9
21	99.2	2.1	95.4	98.9	2.9	94.7	8.2	67	77	88	77	10	c	10	s	10	—	10.0	0.60	1.4
22	92.1	94.4	91.4	92.7	96.3	90.7	5.6	62	42	48	51	3	sk	3	c, ck	6	c, ck	4.0	9.70	2.2
23	91.6	93.0	92.0	93.2	97.0	90.0	7.0	45	61	55	54	0	—	10	cs, c	10	cs, c	6.7	9.10	1.6
24	92.0	94.4	91.4	92.6	94.7	90.5	4.2	46	44	57	49	10	sk	10	sk	0	—	6.7	5.45	1.4
25	91.6	93.8	91.8	92.4	94.9	90.5	4.4	48	43	48	46	0	sk	0	—	0	—	0.0	10.25	1.7
26	91.3	95.6	91.0	93.2	96.6	90.4	6.2	47	45	61	51	0	—	0	—	0	sk	0.0	10.10	1.6
27	91.8	96.4	92.6	93.6	97.3	90.0	7.3	67	42	53	54	3	sk	0	—	0	—	1.0	10.10	2.5
28	95.4	98.5	95.4	96.4	99.7	91.7	8.0	51	43	61	52	8	sk	0	—	0	—	2.7	10.40	2.2
29	98.2	2.6	0.5	0.4	3.7	94.6	9.1	73	52	53	61	0	—	0	—	0	—	0.0	10.15	3.8
平均 Mean	93.7	97.5	93.9	95.0	98.9	91.5	7.6	59	51	58	56	3.2		4.4			2.8	3.5	217.23	52.1

重力ノ更正 Reduction to standard gravity..... 0.4
 海面へノ更正 Reduction to mean sea level..... + 7.8

鞍山 ANSHAN.

昭和七年二月

FEBRUARY, 1932.

日 Day	氣 壓 * (毫) AIR PRESSURE. (mm) (700 mm +)				風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.							降 水 量 (毫) AMOUNT OF PRECIPITATION. (mm)				
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	二十四時 平均 Mean (for 24h)	21-5 ^h	5-13 ^h	13-21 ^h	總計 Total				
1	64.0	63.3	62.3	63.2	S	2.1	NNE	1.8	NE	1.1	1.4	—	—	—		
2	60.5	67.3	70.0	65.9	NE	1.2	NE	6.2	NE	2.9	4.5	3.8	6.2	0.7		
3	72.2	72.9	73.2	72.8	NE	2.6	NE	5.3	E	3.5	3.3	—	—	—		
4	73.8	74.9	75.1	74.6	NE	1.2	NE	2.9	E	1.8	2.4	—	—	—		
5	74.6	75.1	74.2	74.6	ESE	1.8	NE	3.8	ESE	1.8	2.4	—	—	—		
6	73.3	71.9	70.8	72.0	E	1.8	NE	2.3	SE	1.8	1.5	—	—	—		
7	70.2	71.5	70.7	70.8	—	0.0	NE	3.0	E	3.3	1.7	—	—	—		
8	71.8	74.2	74.8	73.6	ESE	4.1	NE	7.0	E	4.3	5.0	—	—	—		
9	73.1	71.2	71.8	72.0	E	4.1	ESE	7.0	E	4.3	4.8	—	—	—		
10	68.7	66.9	66.8	67.5	E	3.5	NNE	1.7	NNW	1.3	1.8	—	—	—		
11	66.4	65.2	64.6	65.4	SSW	1.8	SW	5.3	SSW	1.5	2.9	1.6	2.3	3.9		
12	64.8	66.1	69.0	66.6	SW	2.1	E	2.9	SSW	1.8	2.5	—	—	—		
13	69.9	70.3	68.9	69.7	S	2.0	SW	0.6	SW	1.8	1.3	—	—	—		
14	67.7	66.2	68.2	67.4	SSE	0.9	E	4.1	E	2.3	1.7	—	—	—		
15	69.0	69.4	70.4	69.6	—	0.0	NNE	4.1	—	0.0	2.4	—	—	—		
16	71.8	74.4	75.0	73.7	NE	2.3	NNE	5.3	NE	0.8	3.6	—	—	—		
17	74.5	75.1	73.8	74.5	NE	1.1	ESE	2.9	SE	2.2	2.5	—	—	—		
18	73.7	72.3	70.7	72.2	S	1.5	NE	1.4	ESE	0.7	0.9	—	—	—		
19	66.2	64.8	63.8	64.9	ESE	0.6	NNE	3.4	S	1.6	2.0	—	—	—		
20	70.3	66.4	66.4	67.7	S	1.4	E	0.8	E	0.7	1.3	—	—	—		
21	62.5	62.3	65.3	63.4	E	0.8	NNE	1.3	NE	6.1	4.4	—	0.0	1.1		
22	69.9	71.4	74.2	71.8	ESE	4.4	NE	5.8	—	0.0	3.8	0.1	—	0.1		
23	75.2	76.0	76.0	75.7	SE	2.1	NNW	2.4	E	1.1	2.0	—	—	—		
24	73.9	71.8	70.2	72.0	NE	1.8	NE	5.3	NE	3.2	3.1	—	—	—		
25	68.6	67.9	68.2	68.2	ESE	2.9	NE	3.4	—	0.0	2.4	—	—	—		
26	69.0	69.8	68.6	69.1	—	0.1	NNE	1.8	S	2.7	1.6	—	—	—		
27	68.1	67.8	68.1	68.0	E	0.3	W	1.2	S	2.1	1.4	—	—	—		
28	66.7	67.2	65.0	66.3	S	1.8	W	1.8	S	2.9	2.2	—	—	—		
29	59.3	60.1	60.7	60.0	SW	5.8	SSW	5.8	SSW	2.1	4.2	—	—	—		
均 Mean	69.3	69.4	69.5	69.4	—	1.9	—	3.5	—	2.1	2.6	5.5	8.5	1.8		
總計 Total	—	—	—	—	—	—	—	—	—	—	—	—	—	15.8		

日 Day	氣 溫 (攝氏) AIR TEMPERATURE. (°C)						濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日 照 時 數 NO. OF HOURS WITH SUNSHINE.	發 蒸 量 量 AMOUNT OF EVAPORATION. (mm)			
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h			平均 Mean		
1	96.9	3.6	0.3	0.3	4.1	95.2	8.9	69	39	73	60	10	sk	10	sk	10.0	2.00	1.7	
2	99.0	92.2	90.8	94.0	0.4	90.4	10.0	97	81	82	87	10	sk	10	sk	6.7	0.00	0.5	
3	84.6	88.4	85.8	86.2	91.2	82.6	8.6	70	69	63	67	0	—	0	—	0.0	8.30	1.1	
4	80.2	87.4	84.4	84.0	87.6	78.8	8.8	80	67	75	74	0	—	0	—	0.0	8.40	1.3	
5	84.6	87.6	83.5	81.9	90.1	76.9	13.2	92	67	73	77	0	—	0	—	0.0	8.80	0.9	
6	80.0	91.0	85.0	85.2	92.3	78.8	13.5	80	72	75	76	0	—	0	—	0.0	7.20	1.0	
7	79.0	92.2	84.6	85.3	93.7	79.0	14.7	85	62	80	76	0	—	0	—	0.0	8.50	1.1	
8	82.6	93.0	84.8	86.8	93.2	80.5	12.7	77	61	61	66	0	—	0	—	0.0	9.00	1.2	
9	80.0	91.3	86.2	85.8	92.4	79.1	13.3	66	57	64	62	0	—	8	sk	2.7	8.20	1.9	
10	81.3	91.4	85.6	86.1	93.6	79.8	13.8	64	54	72	63	0	—	0	—	0.0	8.70	1.4	
11	84.0	0.3	96.3	93.5	1.6	83.2	18.4	80	63	59	67	0	—	0	—	0.0	8.40	1.0	
12	97.8	96.2	89.0	94.3	0.4	88.7	11.7	89	55	62	69	10	sk	10	sk	6.7	0.50	1.3	
13	84.2	97.7	90.2	90.7	98.6	82.5	16.1	80	59	64	65	0	—	0	—	0.0	8.40	1.4	
14	87.4	95.4	89.4	90.7	96.7	83.5	13.2	60	61	81	67	0	—	10	sk	2	3.10	1.7	
15	84.3	88.8	85.5	86.2	91.0	83.8	7.2	84	55	76	72	0	—	0	—	0.0	7.90	1.3	
16	81.4	85.8	82.8	83.3	87.1	80.8	6.3	64	55	61	60	0	—	0	—	0.0	5.85	1.5	
17	80.2	85.6	80.6	82.1	87.0	78.7	8.3	71	68	67	69	0	—	0	—	0.0	7.35	1.2	
18	77.8	88.4	82.8	83.0	88.9	77.6	11.3	84	60	61	68	0	—	0	—	0.0	6.50	1.1	
19	82.0	91.8	85.3	86.4	92.6	80.7	11.9	77	61	86	73	0	—	10	sk	0	3.3	6.20	1.2
20	82.6	90.6	86.2	86.5	92.4	81.1	11.3	82	46	73	67	0	—	4	sk	2.7	6.40	1.1	
21	88.3	97.6	92.4	92.8	98.4	85.3	13.1	66	80	87	78	6	sk	10	sk	8.7	0.00	1.2	
22	84.0	90.8	85.3	86.9	92.8	82.0	10.8	69	60	63	64	0	—	0	—	0.0	9.60	1.8	
23	83.0	89.4	84.6	85.7	91.4	79.5	11.9	72	72	70	68	0	—	0	—	0.7	7.90	1.7	
24	80.5	89.4	88.0	86.0	90.7	78.8	11.9	86	65	68	73	0	—	10	sk	5	0.00	1.8	
25	82.6	90.8	87.0	86.8	92.3	81.5	10.8	68	63	70	67	0	—	2	sk	0.7	8.80	1.6	
26	82.3	89.8	88.3	86.8	92.9	82.3	10.6	77	61	76	71	0	—	10	sk	3.3	8.90	1.4	
27	84.8	91.6	91.6	89.3	93.9	84.2	9.7	71	60	73	68	0	—	9	sk	6.3	5.90	1.6	
28	91.8	96.3	93.3	93.8	97.6	90.8	7.0	80	55	69	68	10	sk	2	sk	4.7	7.10	2.4	
29	94.7	2.2	98.8	98.6	3.3	92.6	10.7	74	51	68	64	0	—	0	—	0.0	8.80	2.8	
均 Mean	84.9	92.3	87.9	88.4	94.1	82.7	11.4	76	61	71	69	1.6	—	3.6	—	1.6	2.3	186.10	41.7

* 重力ノ更正 Reduction to standard gravity..... 0.3
海面へノ更正 Reduction to mean sea level..... + 3.8

鄭家屯

CHENGCHIATUN.

昭和七年二月

FEBRUARY, 1932

日 Day	氣 壓 * (耗) AIR PRESSURE. (mm) (700 mm +)				風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.							降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)				合計 Tot.
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	二十四時 間平均 Mean for 24h.	21-5 ^h	5-13 ^h	13-21 ^h	合計 Tot.				
1	57.7	56.7	57.4	57.3	E	2.0	—	0.2	ESE	1.3	2.0	—	—	1.5	1.5	
2	56.6	59.2	63.4	59.7	NNE	5.2	NNE	9.9	NNE	3.7	5.5	1.9	0.0	—	1.9	
3	65.0	64.6	61.0	63.5	NNE	2.3	NNE	1.8	NNW	1.5	2.3	—	—	—	—	
4	67.0	66.4	67.1	66.8	N	1.5	NNE	4.8	NW	0.7	2.4	—	—	—	—	
5	67.5	61.7	66.4	65.2	N	1.3	N	2.1	WNW	0.8	1.5	—	—	—	—	
6	65.5	64.3	64.0	64.6	NW	2.0	—	0.0	—	0.1	0.5	—	—	—	—	
7	63.3	63.9	65.8	64.3	—	0.2	—	—	ESE	1.2	0.7	—	—	—	—	
8	67.4	68.8	69.8	68.7	NE	2.5	ESE	4.3	NNE	4.3	2.7	—	—	—	—	
9	68.8	66.6	66.2	67.2	NNE	0.9	NE	1.2	—	0.0	0.7	—	—	—	—	
10	63.9	59.8	59.0	60.9	NNE	0.9	ESE	0.9	SE	0.5	0.7	—	—	—	—	
11	58.4	57.7	57.8	58.0	—	0.1	SSW	4.6	SSE	1.6	2.1	—	—	—	—	
12	54.9	56.5	59.5	57.0	WSW	6.1	WNW	7.8	W	1.4	4.1	0.1	—	—	0.1	
13	60.3	59.8	61.2	60.4	W	2.9	SSW	5.3	SSW	1.5	2.8	—	—	—	—	
14	62.2	60.2	61.6	61.3	NNE	3.0	E	2.6	NNE	3.8	2.8	—	—	—	—	
15	62.0	61.1	62.0	61.7	—	0.1	NNE	5.2	NNE	0.5	2.8	—	—	—	—	
16	64.7	65.3	66.2	65.5	—	0.0	NNE	0.6	N	1.6	1.2	—	—	—	—	
17	68.5	67.2	68.7	68.1	—	0.0	NNW	1.2	—	0.0	0.8	—	—	—	—	
18	66.2	64.2	60.6	63.7	—	0.0	WSW	1.1	SW	0.5	0.7	—	—	—	—	
19	60.7	56.9	57.8	58.5	SSW	1.8	W	0.5	—	0.4	0.9	—	—	—	—	
20	56.4	58.1	58.3	57.6	NNW	2.3	W	2.2	—	0.1	0.9	—	—	—	—	
21	57.4	59.1	60.0	58.8	—	0.0	E	2.5	NE	0.5	1.1	—	—	—	—	
22	64.7	64.7	67.3	65.6	NNE	2.1	NNE	3.1	—	0.2	1.8	—	—	—	—	
23	68.7	68.9	69.6	69.1	—	0.1	NNE	4.3	NNE	1.3	1.7	—	—	—	—	
24	68.6	65.9	63.9	66.1	NNE	1.6	NE	5.7	NNE	1.1	2.3	—	—	—	—	
25	62.2	60.1	60.5	60.9	—	0.1	NNE	4.2	—	0.0	1.5	—	—	—	—	
26	59.8	59.8	59.9	59.8	—	0.4	NNE	3.9	—	0.1	1.6	—	—	—	—	
27	58.3	59.0	59.8	59.0	NNW	1.3	N	3.0	—	0.4	1.7	0.2	0.1	0.2	0.3	
28	58.8	57.2	53.7	56.6	—	0.2	WNW	3.9	SW	3.0	2.6	—	—	—	—	
29	49.8	50.5	53.2	51.2	—	0.0	NNW	3.2	SE	1.3	2.3	—	—	—	—	
平均 Mean	62.3	61.5	62.1	62.0		1.4		3.1		1.1	1.9	2.4	0.1	1.7	4.9	

日 Day	氣 溫 (攝氏) AIR TEMPERATURE. (°C)							濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日 照 時 數 NO. OF HOURS WITH SUNSHINE.	蒸 發 量 (耗) EVAPORATION		
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	平均 Mean				
1	89.3	99.0	97.1	95.1	99.2	89.3	9.9	69	43	95	69	0	—	10	—	6.7	0.00	0.9	
2	92.5	89.9	87.0	89.8	99.1	87.0	12.1	90	89	83	87	10	n	0	—	6.7	0.00	0.9	
3	84.8	91.5	85.6	87.3	92.5	84.0	8.5	84	51	90	75	0	—	0	—	0.0	9.19	1.3	
4	80.0	89.9	83.3	84.4	92.2	79.2	13.0	93	54	83	77	0	—	0	—	0.0	9.22	1.4	
5	79.0	91.7	84.8	85.2	94.5	78.7	15.8	85	51	90	75	0	—	0	—	0.0	9.22	1.5	
6	80.0	92.7	82.0	84.9	95.3	78.6	16.7	93	53	82	76	0	—	0	—	0.0	9.31	1.3	
7	78.4	94.2	86.9	86.5	95.2	77.8	17.4	84	43	87	71	0	—	0	—	0.0	9.22	1.3	
8	82.0	90.5	82.7	85.3	92.1	79.8	12.3	88	46	77	70	0	—	0	—	0.0	9.42	1.4	
9	77.2	93.1	84.5	84.9	95.5	77.2	18.3	83	43	94	73	0	—	0	—	0.0	9.32	1.4	
10	78.5	94.5	84.6	85.9	96.1	78.5	17.6	84	39	94	72	0	—	0	—	0.0	9.29	1.4	
11	77.9	95.3	84.4	85.9	95.8	77.8	18.0	84	61	89	78	0	—	0	—	0.0	9.15	2.6	
12	95.5	96.1	87.7	93.1	97.1	77.8	19.3	80	48	79	69	10	n	0	—	3.3	8.15	1.8	
13	83.3	96.5	86.6	88.8	97.9	82.3	15.6	89	46	91	75	0	—	0	—	0.0	9.66	1.8	
14	83.3	92.6	86.4	87.4	94.2	80.2	14.0	89	56	86	77	0	—	6	—	2.0	7.79	1.5	
15	80.1	88.7	82.4	83.7	90.1	79.2	10.9	93	52	83	76	0	—	5	2 c	1.7	9.68	1.6	
16	77.7	85.7	82.6	82.0	87.2	77.2	10.0	92	63	89	81	0	—	4	c	1.3	9.43	0.9	
17	76.4	86.8	87.2	83.5	87.6	76.2	11.4	92	43	75	70	0	—	0	—	0.0	9.69	1.4	
18	74.2	90.9	88.6	84.6	91.6	74.1	17.5	90	34	85	70	0	—	0	—	0.0	9.89	1.4	
19	76.6	91.2	88.2	85.3	92.8	74.0	18.8	75	35	88	64	0	—	1	2 s	0.3	9.68	1.5	
20	78.5	89.9	82.1	83.5	92.5	74.0	18.5	92	43	94	76	0	—	1	2 s	0.3	9.41	1.7	
21	79.1	93.4	92.0	88.2	94.2	79.1	15.1	93	48	90	77	0	—	0	—	0.0	9.43	1.4	
22	78.9	93.3	86.4	86.2	94.8	78.7	16.1	85	29	73	62	0	—	0	—	0.0	10.00	2.1	
23	79.6	94.6	85.0	86.4	95.5	79.5	16.0	93	30	90	71	0	—	0	—	0.0	10.09	1.8	
24	80.0	92.7	85.3	86.0	94.1	79.3	14.8	93	33	86	71	0	—	0	—	0.0	8.96	1.8	
25	80.0	93.2	87.7	87.0	94.3	79.5	14.8	93	31	56	60	0	—	1	c	0.3	9.94	1.9	
26	82.1	93.9	90.9	89.0	94.8	81.3	13.5	88	45	76	70	10	ek	7	bc	5.7	6.60	1.5	
27	87.9	93.9	92.6	91.5	95.0	87.1	7.9	91	73	87	84	8	kc	10	n	9.3	0.00	1.7	
28	88.9	98.9	91.6	93.1	0.3	85.8	14.5	88	29	76	64	10	kc	0	—	3.3	10.14	2.6	
29	88.1	4.8	95.1	96.0	6.6	87.5	19.1	84	29	88	67	0	—	0	—	0.0	10.44	3.1	
平均 Mean	81.7	93.1	86.9	87.3	94.8	80.0	14.7	87	46	85	73	1.7		1.9		0.7	1.4	242.32	45.5

重力ノ更正 Reduction to standard gravity..... - 0.1
 海面へノ更正 Reduction to mean sea level..... + 11.7

昭和七年二月

洪南 TAONAN

FEBRUARY, 1932.

日 Day	氣 壓 * (耗) AIR PRESSURE (mm) (700 mm +)				風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND							降 水 量 (耗) AMOUNT OF PRECIPITATION (mm)			
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	二十四時 間平均 Mean for 24h	21-5 ^h	5-13 ^h	13-21 ^h	統計 Total			
1	55.8	55.4	56.3	55.9	E	2.2	NNE	5.0	NNE	6.8	4.9	—	—	0.2	0.2
2	58.1	57.8	60.0	58.8	NNW	7.8	NNW	6.5	NW	3.8	6.5	3.1	0.2	—	3.3
3	63.0	62.0	63.4	62.8	NW	1.6	NW	5.3	NW	2.5	3.6	—	—	—	—
4	63.9	63.2	64.0	63.7	—	0.0	NW	5.3	NNW	1.3	2.4	—	—	—	—
5	65.1	63.6	62.7	63.8	WNW	0.9	WNW	3.8	SW	1.2	2.4	—	—	—	—
6	62.2	60.5	59.8	60.8	—	0.4	NNW	2.9	S	1.3	2.3	—	—	—	—
7	60.2	60.6	62.6	61.1	—	0.0	—	0.3	NNE	3.8	1.5	—	—	—	—
8	66.5	65.9	65.3	65.9	—	0.0	WSW	2.3	W	1.9	1.5	—	—	—	—
9	64.4	62.6	62.4	62.1	—	0.0	NNW	3.0	NE	1.2	1.5	—	—	—	—
10	58.5	55.9	54.4	56.3	NW	0.8	S	2.8	S	2.3	1.7	—	—	—	—
11	52.6	52.0	52.8	52.5	S	0.5	S	3.8	SSE	4.5	2.5	—	—	—	—
12	50.2	51.6	53.9	51.9	SSE	1.8	WNW	3.7	WSW	3.9	3.2	1.6	0.5	—	2.1
13	54.6	54.0	59.1	55.9	WSW	6.4	W	5.4	W	2.6	3.8	—	—	—	—
14	58.7	57.6	58.1	58.1	NW	0.8	NW	1.2	NW	1.7	1.1	—	—	—	—
15	59.7	58.5	60.9	59.7	S	2.0	NNW	6.5	NNW	4.7	3.9	—	—	—	—
16	62.3	62.8	63.1	62.7	WNW	3.6	NW	6.1	NNE	2.3	4.2	—	—	—	—
17	64.4	62.7	62.8	63.3	W	0.9	NW	1.8	SSW	1.4	1.6	—	—	—	—
18	61.2	59.5	57.7	59.5	NW	0.7	NE	1.2	SSE	1.5	1.2	—	—	—	—
19	51.8	52.4	52.5	51.2	SE	0.8	ESE	1.1	NNW	2.7	1.5	—	—	—	—
20	53.9	53.8	54.4	54.0	NW	2.0	WSW	2.3	SSE	3.6	2.3	—	—	—	—
21	54.8	55.3	59.5	56.5	—	0.0	SE	2.0	NNE	1.1	1.5	—	—	—	—
22	62.7	61.6	63.7	62.7	NW	2.9	WNW	2.7	S	1.4	2.4	—	—	—	—
23	65.6	65.6	66.5	65.9	NW	4.4	NW	2.9	NNW	4.1	3.4	—	—	—	—
24	66.1	62.1	60.8	63.0	NW	4.1	W	1.2	NNW	1.8	3.1	—	—	—	—
25	58.5	57.6	58.4	58.2	W	4.0	WNW	5.3	NW	4.4	3.9	—	—	—	—
26	58.2	55.9	51.4	55.2	W	3.4	WNW	3.9	NW	1.1	3.4	—	—	0.1	0.1
27	56.2	54.7	55.5	55.5	WNW	2.9	NW	4.7	NNW	1.8	3.3	0.3	—	—	0.3
28	54.7	51.9	46.5	51.0	W	2.5	SW	4.7	SSE	6.1	4.4	—	—	—	—
29	45.6	49.0	50.3	48.3	SW	6.1	NW	4.7	E	2.6	4.0	—	—	—	—
平均 Mean	59.1	58.1	58.6	58.6		2.2		3.6		2.7	2.9	5.0	0.7	0.3	6.0

日 Day	氣 溫 (攝氏) AIR TEMPERATURE (°C)						濕 度 (百分率) REL. HUMIDITY (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日 照 時 數 No. of hours with sunshine	蒸 發 量 (耗) AMOUNT OF EVAPORATION.			
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h			平均 Mean		
1	90.7	93.9	90.1	91.6	95.0	90.0	5.0	93	70	89	84	10	sk	10	n	10.0	2.59	1.1	
2	86.8	91.4	87.3	88.5	92.8	86.8	6.0	91	59	75	75	10	n	6	c	5.3	6.48	1.2	
3	85.0	93.1	87.1	88.4	94.3	83.2	11.1	86	53	67	69	1	c	4	k	1.7	8.45	1.3	
4	78.7	92.1	84.9	85.2	92.4	78.7	13.7	78	45	68	64	0	—	0	—	0.0	9.32	1.2	
5	80.9	94.9	86.7	87.5	96.4	79.8	16.6	87	66	69	74	0	—	0	—	0.0	9.24	1.5	
6	81.5	94.7	87.5	87.9	95.8	80.3	15.5	77	80	67	75	0	—	0	—	0.0	9.25	1.6	
7	79.1	94.6	86.9	86.9	95.8	79.0	16.8	71	41	75	62	0	—	0	—	0.0	9.13	1.3	
8	79.7	91.4	83.9	85.0	94.0	78.9	15.1	86	45	61	64	0	—	0	—	0.0	9.94	1.2	
9	78.2	95.1	85.9	86.4	96.0	77.4	18.6	77	33	82	64	0	—	0	—	0.0	9.41	1.3	
10	78.6	97.0	86.9	87.5	97.6	78.2	19.4	78	27	58	54	0	—	0	—	0.0	9.49	1.5	
11	79.1	96.7	89.8	88.5	97.5	78.9	18.6	78	50	70	66	0	—	0	—	0.0	9.29	1.5	
12	90.3	93.6	85.4	89.8	95.5	85.4	10.1	93	55	81	66	10	n	3	cs	4.3	5.51	0.7	
13	84.7	95.6	85.7	88.7	96.0	80.8	15.2	81	55	73	70	0	—	2	c	0.7	9.23	1.3	
14	81.3	88.8	83.1	84.4	89.9	80.4	9.5	81	52	89	74	10	sc	10	s	6.7	5.02	0.6	
15	78.5	87.1	80.9	82.2	87.8	77.7	10.1	85	43	87	72	0	—	1	c	0.3	8.78	0.9	
16	77.4	85.7	81.9	81.7	86.8	76.8	10.0	84	51	88	74	0	—	10	k	3.3	8.59	0.9	
17	74.1	88.8	79.7	80.9	90.4	73.8	16.6	69	46	86	67	0	—	0	—	0.0	9.75	1.2	
18	77.0	89.4	82.5	83.0	90.5	74.4	16.1	75	61	71	69	0	—	0	—	0.0	9.83	1.0	
19	74.3	87.7	84.9	82.3	89.6	73.8	15.8	69	67	56	64	8	sc	3	c	3.7	8.95	1.0	
20	77.3	88.7	82.1	82.7	90.1	76.4	13.7	75	49	46	57	0	—	2	ck	0.7	9.96	1.0	
21	77.1	91.5	84.9	84.5	92.6	76.2	16.4	75	56	63	63	0	—	0	—	0.0	9.82	1.0	
22	77.5	92.2	84.3	84.7	94.4	76.6	17.8	77	43	70	65	0	—	0	—	0.0	9.85	1.5	
23	80.7	92.1	85.5	86.1	93.2	80.0	13.2	76	45	63	61	0	—	0	—	0.0	9.97	1.5	
24	80.3	92.0	86.5	86.3	93.8	80.2	13.6	73	43	36	51	0	—	10	ck	3.3	10.00	1.4	
25	79.9	92.0	87.6	86.5	93.7	78.8	14.9	67	50	88	68	0	—	2	ck	0.7	10.10	1.8	
26	81.9	93.7	90.6	88.7	95.4	81.9	13.5	94	41	79	71	5	sc	9	ck	8.0	4.53	1.2	
27	88.3	95.9	92.1	92.1	97.4	86.4	11.0	88	61	87	79	10	sk	10	ku	6.7	6.33	1.6	
28	82.8	1.1	94.3	92.7	2.4	82.0	20.4	78	77	82	79	0	—	2	c	0.7	10.59	2.6	
29	90.7	4.1	96.5	97.1	5.8	90.4	15.4	89	35	54	59	0	—	0	—	0.0	10.31	3.6	
平均 Mean	81.1	92.9	86.4	86.8	94.2	80.1	14.1	80	53	72	68	2.2		2.9		0.7	1.9	249.11	39.5

* 電力ノ更正 Reduction to standard gravity..... 0.0
 海面へノ更正 Reduction to mean sea level..... + 15.2

齊々哈爾
TSITSIKHAR.

昭和七年二月

FEBRUARY, 1932.

日 Day	氣 壓 * (毫) AIR PRESSURE (mm) (700 mm +)				風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.							降 水 量 (毫) AMOUNT OF PRECIPITATION (mm)					
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	二十四時 間平均 Mean for 24h.	21-5 ^h	5-13 ^h	13-21 ^h	總計 Total					
1	57.1	57.0	58.0	57.4	ESE	1.7	NE	4.7	NE	5.7	3.9	—	—	—	0.0	0.0	
2	58.5	58.3	60.0	58.9	NNE	7.0	NE	3.3	NNE	5.4	6.1	—	—	—	—	—	
3	61.2	60.8	62.0	61.3	NNE	4.7	NE	6.0	N	3.6	4.4	—	—	—	—	—	
4	62.7	61.5	62.6	62.3	N	4.6	N	6.2	NNW	4.0	3.8	—	—	—	—	—	
5	63.0	61.7	60.9	61.9	NW	5.0	NNW	4.1	NW	2.9	3.5	—	—	—	—	—	
6	61.0	59.6	59.3	60.0	NNW	5.3	N	4.9	S	4.3	3.3	—	—	—	—	—	
7	60.0	60.4	62.8	61.1	ESE	1.8	NNN	1.5	ESE	2.5	2.4	—	—	—	—	—	
8	65.1	64.4	63.5	64.3	N	2.7	NNE	3.2	W	3.9	2.1	—	—	—	—	—	
9	62.5	62.1	60.7	61.8	NNW	2.9	NNE	4.3	SW	1.2	2.7	—	—	—	—	—	
10	56.7	54.3	51.5	54.2	W	1.2	WSW	2.9	SW	3.9	2.0	—	—	—	—	—	
11	51.6	51.0	51.3	51.3	—	0.0	WSW	2.6	SSW	4.0	2.0	—	—	—	—	—	
12	50.8	49.7	51.3	50.6	S	1.6	NNE	5.7	NNW	4.4	2.6	—	—	—	—	—	
13	50.7	51.0	55.7	52.5	W	4.7	NW	12.0	NW	6.1	6.3	—	—	—	—	—	
14	56.9	56.0	57.5	56.8	NW	2.6	NW	4.7	NNW	2.6	3.1	—	—	—	—	—	
15	58.2	58.1	59.9	58.7	NNW	3.5	NE	5.7	N	5.3	4.6	—	—	—	—	—	
16	61.0	60.0	62.1	61.0	NNW	5.1	NNE	5.8	NE	3.8	5.0	0.1	—	—	—	0.1	
17	62.0	61.1	61.2	61.4	NNW	3.4	NNW	3.9	E	0.8	2.6	—	—	—	—	—	
18	59.9	58.1	56.3	58.1	—	0.4	W	4.2	E	1.9	1.5	—	—	—	—	—	
19	54.3	52.6	52.3	53.1	—	0.1	N	4.0	N	2.8	2.2	—	—	—	—	—	
20	52.7	52.2	51.1	52.7	N	3.7	NW	2.5	SW	1.1	2.2	0.1	—	—	—	0.1	
21	54.3	55.6	53.3	56.1	—	0.0	NW	1.5	ESE	1.3	1.2	—	—	—	—	—	
22	60.5	60.9	63.3	61.6	NNE	0.5	NNW	2.0	E	3.9	1.9	—	—	—	—	—	
23	65.9	66.9	66.3	66.4	N	2.8	NE	4.8	N	2.5	2.2	—	—	—	—	—	
24	63.9	62.0	59.5	61.8	NNW	0.8	NNW	4.0	NW	2.9	2.8	—	—	—	—	—	
25	57.5	56.6	57.7	57.3	N	0.6	SE	5.1	NE	3.0	2.8	—	—	—	—	—	
26	56.1	54.5	55.2	55.3	—	0.4	NE	6.0	NE	2.6	2.8	0.0	—	0.1	—	0.1	
27	54.0	53.2	54.4	53.9	—	0.4	NNE	3.8	ESE	1.3	2.7	—	—	—	—	0.0	
28	51.9	48.1	42.7	47.6	—	0.0	W	5.8	WSW	3.5	4.0	—	—	—	—	—	
29	43.0	46.8	50.9	46.6	N	1.8	N	5.8	E	1.9	3.3	—	—	—	—	—	
Mean 平均	57.7	57.1	57.6	57.4		2.4		4.5		3.2	3.3	0.2		0.1		0.0	0.3

日 Day	氣 溫 (攝氏) AIR TEMPERATURE (°C)							濕 度 (百分率) REL. HUMIDITY (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD				日 照 時 數 NO. OF HOURS WITH SUNSHINE.	蒸 發 量 (毫) AMOUNT OF EVAPORATION.	
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	平均 Mean			
1	82.6	88.8	85.9	85.8	80.8	81.1	8.7	88	76	86	83	10	sk	—	6.7	3.90	1.0	
2	85.4	89.1	84.5	86.3	90.1	84.5	5.6	76	65	84	75	10	kn	—	4.3	5.95	1.2	
3	84.0	90.5	81.9	85.5	91.5	81.4	10.1	84	68	76	76	0	—	—	0.0	8.70	0.9	
4	77.2	90.8	82.2	84.4	92.2	77.1	15.1	83	50	88	77	0	—	—	0.0	9.00	1.0	
5	80.6	93.0	83.4	85.7	95.3	79.2	16.1	86	49	83	73	0	—	—	0.0	9.10	1.1	
6	79.7	91.5	84.1	85.1	92.2	78.8	13.4	85	51	68	68	0	—	—	0.0	9.05	1.0	
7	78.4	90.0	81.6	83.3	91.5	76.0	15.5	84	50	87	74	0	—	—	0.0	8.20	0.9	
8	73.5	89.6	83.2	82.2	92.0	72.5	19.5	89	64	73	75	0	—	—	0.0	9.10	1.1	
9	77.1	92.1	85.5	84.9	94.4	76.6	17.8	85	46	76	69	0	—	—	0.0	8.90	1.0	
10	79.0	96.6	86.0	87.3	99.4	77.3	22.1	85	47	59	64	0	—	—	1.3	9.10	1.0	
11	80.4	96.9	86.6	88.0	98.2	79.5	18.7	86	30	73	63	1	s	—	3.7	7.40	1.1	
12	82.1	92.6	85.0	86.6	94.7	81.8	12.9	82	65	81	76	10	sk	—	4.7	8.00	1.5	
13	83.4	94.0	83.4	86.9	94.9	81.9	13.0	89	43	83	72	0	—	—	0.0	9.30	1.5	
14	77.4	89.3	81.1	83.8	90.1	76.5	13.6	83	52	70	68	5	c	—	8.0	9.40	1.5	
15	76.5	84.2	80.4	80.4	85.5	75.5	10.0	82	69	93	81	10	c	—	3.7	9.20	0.7	
16	77.2	84.9	78.2	80.1	85.6	76.3	9.3	83	66	77	75	10	c	sk	6.0	9.20	0.9	
17	75.0	87.0	81.4	81.1	88.5	73.5	15.0	80	58	81	73	0	—	—	0.0	9.10	0.9	
18	73.8	87.6	82.0	81.1	90.3	72.7	17.6	89	60	70	73	6	c	—	2.0	9.50	0.9	
19	74.9	86.0	79.9	80.2	87.7	73.9	13.8	90	68	93	84	4	c	—	5.7	3.50	0.8	
20	75.5	86.9	80.5	81.0	89.7	73.6	16.1	90	77	80	82	0	—	—	0.0	9.30	0.8	
21	74.9	86.5	81.6	81.0	89.1	73.5	15.6	80	60	76	72	1	c	—	0.7	9.15	1.0	
22	77.9	88.0	82.7	83.0	90.0	73.6	16.4	92	63	77	77	0	—	—	0.0	9.50	1.1	
23	76.5	89.4	83.5	83.1	90.9	75.1	15.8	91	56	78	75	1	s	—	0.3	9.50	1.3	
24	78.0	90.7	81.1	83.5	92.1	76.9	15.2	84	57	76	72	0	—	—	2.0	9.70	1.3	
25	79.0	90.9	85.9	85.5	92.7	77.1	15.6	85	72	95	84	0	—	—	1.3	9.50	1.0	
26	83.4	93.9	89.0	89.4	95.0	80.6	14.4	95	82	80	86	10	n	—	6.7	0.00	1.1	
27	88.0	96.0	88.5	90.8	96.8	83.6	13.2	88	48	80	72	9	sk	—	6.3	8.04	1.6	
28	81.3	0.0	92.5	91.3	2.7	81.0	21.7	87	47	65	66	0	—	—	0.3	10.20	2.2	
29	92.0	0.9	91.5	94.8	1.6	88.1	13.5	77	40	51	56	0	—	—	2.7	8.44	2.3	
Mean 平均	79.6	91.0	83.9	84.9	92.6	77.9	14.7	85	58	78	74	3.0			0.5	2.3	238.93	33.7

* 電力ノ更正 Reduction to standard gravity.....+ 0.2
海面へノ更正 Reduction to mean sea level.....+ 21.3

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印刷所 小林又七支店印刷部

大連市若狹町三十三番地

昭和七年三月

滿 洲 氣 象 表

REPORT

OF THE

METEOROLOGICAL OBSERVATIONS

MADE AT THE

METEOROLOGICAL STATIONS

IN

MANCHURIA.

MARCH, 1932.

PUBLISHED BY THE METEOROLOGICAL OBSERVATORY, DAIREN.

凡 例

本編ハ昭和七年三月中滿洲各觀測所ニ於ケル氣象觀測ノ成績ヲ示スモノニシテ其ノ觀測ノ時刻方法等ハ日本各測候所ト全ク同一ノ式ニ據ル今其要點ヲ擧グレバ

觀測時ハ日本西部標準時即チ東經百二十度ノ地ノ平時ニ據リ夜半ヲ日界トスル二十四時間制ヲ用フ但シ日照時數ハ眞太陽時ニ據ル

氣壓ハ耗ヲ以テ示シ晴雨計示度ニ施スニ單ニ溫度ノ更正ノミヲ以テシ海面上高サノ更正及重力ノ更正ハ施サズ

溫度ハ攝氏ノ度ニ據ル但シ氷點以下ノ度ハ負數ヲ用ヒズ百ヨリ其度ヲ減ジ其餘數ヲ以テ之ヲ示ス即チ氷點以下一度ハ九十九度氷點以下五度ハ九十五度ト記スルガ如シ

或ル觀測時ニ於ケル風速ハ其觀測時前二十分間ノ平均風速ヲ以テ之ヲ示ス

平均雲量ニ未滿ナル日ヲ快晴トシ八以上ナル日ヲ曇天トス

風ノ速度一秒時間十米以上ヲ觀測シタル日ヲ暴風日トス

INTRODUCTION.

The present publication contains the results of the meteorological observations made at the meteorological stations in Manchuria for the month of March, 1932.

The instruments and the method of observation are the same as those at the meteorological stations in Japan. The followings are to be particularly noticed.

Hours of Observations.—The Western Standard Time of Japan (civil mean time of the meridian 120° E.) is adopted. For the measure of sunshine duration the apparent solar time is used.

Pressure.—The barometric readings in millimetres are reduced only to freezing point.

Temperature.—The degrees are given in Centigrade; those below zero are shown by adding 100, to avoid the minus sign; thus 99° for -1°, 95° for -5°, etc.

Velocity of the Wind.—As the velocity at any time is given the mean for the preceeding 20 minutes.

Clear and Cloudy Days.—The mean amount of cloud for a clear day is less than 2 exclusive, and for a cloudy day is more than 8 inclusive.

Days with Gales.—As such are counted the days on which the maximum velocity reaches or exceeds 10 metres per second.

現象記號

ILLUSTRATION OF SYMBOLS

(1) 萬國共通記號 *International symbols*

雨 ☉ Rain	霜 □ Hoar frost	日暈 ⊕ Solar halo
雪 ✱ Snow	露 ≡ Dew	日光環 ⊙ Solar corona
電雷 ⚡ Thunder storm	霧氷 ∨ Silver thaw	月暈 ⊕ Lunar halo
雷聲 T Thunder without lightning	雨水 ~ Glazed frost	月光環 ⊙ Lunar corona
電光 < Lightning without thunder	吹雪 † Snow drift	虹 ∩ Rainbow
霰 △ Graupel	細氷 ← Ice crystals	極光 ⚡ Aurora
雹 ▲ Hail	積雪 ⊞ Snow lying	煙霧 ∞ Haze
霧 ≡ Mist, fog	暴風 ⚡ Gale	黃道光 ♄ Zodiacal light

(2) 其他ノ記號 *Other symbols*

凍雨 Ⓞ Frozen rain	凍露 Ⓞ Frozen dew	結氷 ≡ Ice
霜柱 Y Ice columns in ground	波狀雲 ∞ Undulated cloud	黃砂 ≡ Yellow dust
朝燒 ☽ Red sky	海鳴 ⚡ Oceanic noise	地震 ⊕ Earthquake
卷雲 C Cirrus	卷層雲 CS Cirro-stratus	卷積雲 UK Cirro-cumulus
層雲 S Stratus	高層雲 SC Alto-stratus	層積雲 SK Strato-cumulus
積雲 K Cumulus	高積雲 KC Alto-cumulus	積亂雲 KN Cumulo-nimbus
亂雲 N Nimbus		

(3) 現象ノ強サ *The intensity of the phenomena*

現象ノ強弱ヲ示ス爲ニ記號ノ右肩ニ0.1.2.ノ數字ヲ記ス例ヘバ

The intensity of a phenomenon is shown by an index added to its symbol, thus:—

微雨 ☉⁰ slight rain 中雨 ☉¹ moderate rain 強雨 ☉² heavy rain

地震震度階級 *Intensity of earthquakes*

微震 ☉⁽¹⁾ slight 弱震(弱キ方) ☉⁽²⁾ moderate 弱震 ☉⁽³⁾ rather strong
 強震(強キ方) ☉⁽⁴⁾ strong 強震 ☉⁽⁵⁾ very strong 烈震 ☉⁽⁶⁾ disastrous

大連 DAIREN.

昭和七年三月

MARCH, 1932.

Table with columns for Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Rows represent days from 1 to 31.

Table with columns for Air Temperature (°C), Relative Humidity (%), Cloud Amount and Forms, and Evaporation (mm). Rows represent days from 1 to 31.

* 重力ノ更正 Reduction to standard gravity..... - 0.4
海面へノ更正 Reduction to mean sea level..... + 9.2

大 連 DAIREN.

昭和七年三月

MARCH, 1932.

日 Day	水蒸氣ノ張力(耗) TENSION OF VAPOUR.(mm)							地面溫度(攝氏) EARTH TEMP. ON THE SURFACE.(°C)				地 中 溫 度 (攝氏) EARTH TEMPERATURE. (°C)										最低地温(攝氏) MIN. TEMP. ON GRASS.(°C)	最高日温(攝氏) MAX. TEMP. ON GRASS.(°C)
	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	平均 Mean	6 ^h	14 ^h	22 ^h	平均 Mean	0.05 ^m	0.1 ^m	0.2 ^m	0.3 ^m	0.5 ^m	1.0 ^m	2.0 ^m	3.0 ^m	4.0 ^m	5.0 ^m		
1	2.1	2.4	3.1	3.9	3.3	2.7	2.9	97.3	12.6	98.6	2.8	99.7	99.4	98.9	99.4	99.5	1.0	3.6	5.8	7.9	8.9	97.6	22.2
2	3.7	3.5	3.5	3.6	4.2	3.7	3.7	97.5	5.1	98.5	0.4	99.7	99.4	99.7	99.7	99.7	1.0	3.4	5.7	7.7	8.9	95.7	19.7
3	3.0	3.2	4.2	4.8	4.4	4.1	4.0	98.6	8.2	99.0	1.9	99.7	0.2	99.6	99.7	0.0	1.3	3.5	5.7	7.8	8.9	93.7	17.4
4	3.1	3.0	4.5	3.7	3.7	3.9	3.7	98.2	13.6	2.9	4.0	99.9	0.1	99.6	0.0	0.6	1.2	3.4	5.6	7.5	8.4	96.0	17.0
5	3.9	4.0	4.1	2.1	1.8	1.5	2.9	99.5	11.4	99.5	3.5	3.3	0.7	99.8	0.0	0.1	1.3	3.4	5.4	7.5	8.9	99.7	15.3
6	2.0	2.3	1.5	1.6	2.2	2.4	2.0	96.9	8.3	97.8	1.0	99.8	0.1	99.8	0.1	0.3	1.5	3.4	5.4	7.5	8.9	95.5	10.2
7	1.5	1.7	2.6	3.3	2.9	2.6	2.4	97.3	12.4	98.4	2.7	99.7	0.0	99.8	0.1	0.5	1.5	3.4	5.4	7.5	8.9	93.6	17.0
8	1.2	1.4	1.7	1.7	3.0	3.8	2.1	98.3	14.0	99.8	4.0	99.8	0.1	99.8	0.3	0.8	2.0	3.4	5.4	7.5	8.9	96.4	16.0
9	3.9	3.5	4.2	4.9	4.3	5.0	4.3	0.3	6.9	3.0	3.4	1.8	0.6	0.2	0.8	1.4	2.2	3.4	5.4	7.3	8.6	98.6	9.4
10	5.1	4.3	4.3	4.1	3.6	3.5	4.2	0.0	15.3	0.6	5.3	3.1	1.4	0.8	1.3	1.8	2.5	3.5	5.4	7.3	8.5	98.7	12.8
11	3.8	4.4	5.1	5.5	5.4	4.4	4.8	0.8	9.0	2.8	4.2	2.8	1.8	1.3	2.0	2.5	2.7	3.6	5.4	7.2	8.4	99.0	12.9
12	2.1	1.6	1.5	1.5	1.3	1.5	1.6	99.5	8.6	98.5	2.2	2.8	1.8	1.8	2.4	2.7	3.2	3.7	5.4	7.2	8.4	96.5	9.2
13	2.1	1.5	1.0	1.0	1.3	1.2	1.4	96.7	8.2	96.4	0.4	99.8	0.8	1.0	2.0	2.7	3.4	3.9	5.3	7.2	8.4	92.6	4.6
14	1.6	1.2	1.2	2.0	2.0	1.8	1.6	94.6	0.8	95.7	97.0	99.5	0.0	0.6	2.5	2.2	3.3	3.9	5.4	7.1	8.4	91.6	7.3
15	1.5	1.6	2.0	1.2	1.3	1.3	1.5	94.3	5.8	95.8	98.6	99.5	99.8	0.3	1.0	1.7	3.3	3.9	5.4	7.1	8.4	91.6	6.2
16	1.1	1.1	1.2	1.4	1.7	1.7	1.4	93.7	11.7	95.2	0.2	99.4	99.3	0.0	0.8	1.5	3.1	4.0	5.4	7.1	8.3	91.3	13.1
17	2.0	2.7	2.0	2.2	2.2	3.2	2.4	96.3	15.5	98.0	3.3	99.7	99.8	0.1	0.8	1.5	3.0	4.0	5.4	7.1	8.4	92.6	14.2
18	3.6	4.0	3.8	3.5	3.5	2.0	3.4	98.5	2.2	0.0	0.2	0.0	0.3	0.1	1.1	1.7	3.2	4.2	5.4	7.2	8.2	96.7	11.3
19	1.9	2.2	1.7	1.4	1.7	1.6	1.8	99.0	7.3	97.0	1.1	99.7	0.3	0.6	1.3	1.8	3.0	4.1	5.4	7.2	8.2	93.6	6.2
20	1.4	2.2	1.7	1.6	1.3	1.8	1.7	96.2	14.7	97.7	2.9	99.8	0.0	0.5	1.3	1.9	3.1	4.1	5.4	7.0	8.2	95.0	12.8
21	1.1	2.3	2.6	2.7	3.1	2.6	2.4	96.8	20.3	99.8	5.6	0.7	0.3	0.8	1.6	2.2	3.2	4.1	5.4	7.0	8.1	94.6	20.6
22	2.8	3.4	4.3	4.5	3.6	2.8	3.0	1.0	3.6	98.4	1.0	2.0	2.1	2.1	2.6	3.0	3.5	4.1	5.5	7.1	7.9	97.4	7.6
23	2.8	3.3	2.3	1.6	1.8	2.2	2.3	97.7	17.6	99.8	5.0	1.3	0.5	1.2	2.0	2.7	3.7	4.2	5.4	7.0	7.9	97.0	16.5
24	2.7	2.7	3.7	2.3	3.8	4.0	3.2	99.0	20.2	0.4	6.5	4.4	1.9	1.9	2.7	3.2	3.8	4.2	5.4	7.0	8.1	96.8	21.5
25	3.6	3.0	3.3	3.4	2.9	3.0	3.2	0.8	23.2	4.6	9.5	6.0	3.5	2.9	3.7	4.0	4.0	4.4	5.5	7.0	8.1	98.6	23.3
26	4.0	4.6	5.2	3.5	2.0	2.7	3.7	1.7	7.1	99.5	2.8	5.4	4.7	4.4	5.0	4.8	4.4	4.4	5.4	7.1	8.1	99.5	9.0
27	3.3	2.0	1.8	1.7	2.8	3.1	2.5	97.7	17.6	2.8	6.0	4.8	1.5	2.3	3.5	4.2	4.7	4.4	5.5	7.1	7.9	96.3	18.8
28	3.3	1.9	1.9	1.3	1.2	1.5	1.9	99.2	15.6	1.5	5.4	4.5	2.8	3.2	4.2	4.7	4.8	4.4	5.5	7.0	8.1	96.9	10.5
29	1.3	1.6	1.5	1.5	1.2	1.8	1.5	98.4	6.8	99.8	1.7	5.4	2.6	2.8	4.1	4.7	5.0	4.6	5.6	7.1	8.0	96.8	12.3
30	1.8	1.7	3.1	1.9	1.3	2.3	2.0	98.0	18.0	0.2	5.4	6.1	2.3	2.7	3.9	4.7	5.0	4.8	5.6	7.0	7.9	96.5	14.2
31	1.9	1.7	3.1	3.9	2.9	3.2	2.8	1.0	23.4	6.3	10.2	7.3	4.1	3.7	4.5	5.0	5.2	4.9	5.7	7.1	7.9	99.7	22.9
平均 Mean	2.6	2.6	2.8	2.7	2.6	2.7	2.7	98.2	11.8	99.6	3.2	1.9	1.1	1.0	1.6	2.2	3.0	3.9	5.5	7.2	8.4	96.0	13.6

記 事
REMARKS.

日 Day	REMARKS.	
1	∞ ² p.	
2	∞ ² a. ⊕ ∞ ¹ p.	
3	∞ ¹ a. ∞ ¹ p.	
4	∞ ⁰ p.	
5	-#-2.14-15 ^h .	
6		
7		
8	#-10.12 ^h	
9	∞ ⁰ p.	
10	∞ ⁰ 13 ^h 18-13 ^h 25...21 ^h 41-21 ^h 53.	
11	∞ ⁰ 9 ^h 50-13 ^h 45.	
12	∞ ⁰ 4 ^h 30-∞ ⁰ 18 ^h 20-∞ ⁰ 21 ^h 30-	
13	-∞ ⁰ -19 ^h 20.	
14	∞ ⁰ 13 ^h 25-∞ ⁰ 13 ^h 36-∞ ⁰ 13 ^h 50-∞ ⁰ 14 ^h 10-∞ ⁰ 15 ^h 10-16 ^h 42-∞ ⁰ 17 ^h 47-17 ^h 55.	
15		
16		
17	∞ ⁰ p.	
18	∞ ⁰ 11 ^h 50-∞ ⁰ 13 ^h 40-∞ ⁰ 17 ^h 21-17 ^h 53.	
19	∞ ⁰ p.	
20		
21		
22	∞ ⁰ p.	
23	∞ ⁰ 8 ^h 30-∞ ⁰ 19 ^h 50-∞ ⁰ 10 ^h 45-16 ^h 10.	
24		
25		
26		
27	∞ ⁰ 11 ^h 20-15 ^h 45.	
28	∞ ⁰ 35-1 ^h 07. ∞ ⁰ 6 ^h 52-7 ^h 15. ∞ ⁰ 7 ^h 43-7 ^h 53. ∞ ⁰ 8 ^h 15-8 ^h 20.	
29		
30		
31	∞ ⁰ 9 ^h 00-∞ ⁰ 11 ^h 30-∞ ⁰ 16 ^h 00-	

營 口
YINGKOW.

昭和七年三月

MARCH, 1932.

Table with columns for Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Rows represent days from 1 to 31.

Table with columns for Air Temperature (°C), Relative Humidity (%), Amount and Forms of Cloud, and other weather metrics. Rows represent days from 1 to 31.

* 重力ノ更正 Reduction to standard gravity..... - 0.3
海面ヘノ更正 Reduction to mean sea level..... + 0.4

Handwritten signature or name at the top of the page.

奉天 FENG-TIEN.

昭和七年三月

MARCH, 1932.

Table with columns for Day, Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Includes sub-columns for hourly and average values.

Table with columns for Day, Air Temperature (°C), Rel. Humidity (%), and Amount of Cloud (0-10) and Forms of Cloud. Includes sub-columns for hourly and average values.

* 重力ノ更正 Reduction to standard gravity..... - 0.2
海面へノ更正 Reduction to mean sea level..... + 4.3

昭和七年三月

長 春
CHANGCHUN.

MARCH, 1932.

Table with columns for Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Includes sub-headers for 2h, 6h, 10h, 14h, 18h, 22h, and Total. Rows represent daily observations from 1 to 31.

Table with columns for Air Temperature (°C), Relative Humidity (%), Amount and Forms of Cloud, and Evaporation (mm). Includes sub-headers for 2h, 6h, 10h, 14h, 18h, 22h, and Total. Rows represent daily observations from 1 to 31.

* 重力ノ更正 Reduction to standard gravity..... - 0.1
海面へノ更正 Reduction to mean sea level..... + 20.6

昭和七年三月

日 Day	氣 壓 * (耗) AIR PRESSURE. (mm) (700 mm +)				風 / 方向 及 速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.					降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)				總計 Total	
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	三十度時 間平均 Mean for 3h.	21-5 ^h	5-13 ^h	13-21 ^h	總計 Total			
1	57.5	56.8	58.2	57.5	WSW	5.9	SW	15.8	W	3.5	7.0				
2	58.8	59.2	58.3	58.8	E	1.1	E	7.6	E	1.7	2.8				
3	57.2	56.2	57.5	57.0	E	4.7	ESE	3.5	SE	1.2	2.5				
4	57.0	55.8	53.5	55.4	SW	4.6	SSW	7.8	SE	5.3	5.1				
5	54.3	56.8	58.8	56.6	N	9.9	N	9.3	N	7.9	7.2				
6	59.2	60.1	61.4	60.2	NNW	2.3	NNE	4.7	W	1.2	3.3				
7	59.4	57.1	58.4	58.3	SW	3.0	SSW	11.8	NNE	1.5	5.1				
8	59.1	60.0	59.5	59.5	WSW	4.7	NW	4.4	ESE	2.0	3.6				
9	56.8	53.2	50.0	53.3	ESE	10.5	E	6.0	E	5.5	6.6		0.0	0.0	
10	50.5	53.1	54.0	52.5	NNW	2.7	N	2.9	NNW	3.7	4.6				
11	50.7	47.7	46.4	48.3	E	4.4	E	4.1	WSW	6.1	4.3				
12	49.8	52.3	53.8	52.0	WSW	14.0	SW	12.6	SW	12.5	13.5				
13	56.8	59.6	61.7	59.4	W	2.9	W	5.5	WSW	2.3	4.8				
14	60.2	59.3	59.6	59.7	NNE	2.0	SW	9.9	—	0.0	3.6				
15	56.8	58.2	60.6	58.5	WSW	2.0	WNW	3.7	W	4.7	4.9	0.2	0.6	0.8	
16	62.6	62.2	62.7	62.5	N	1.3	SSW	5.8	—	0.1	3.0				
17	61.6	61.0	61.0	61.2	SE	1.3	SSE	7.0	ESE	3.7	3.3				
18	60.1	59.3	61.5	60.2	ESE	4.7	ESE	6.1	N	1.8	4.4	0.5	3.2	3.7	
19	61.6	62.5	63.9	62.7	WNW	4.1	WNW	7.6	WSW	5.3	4.7				
20	64.1	63.1	62.5	63.2	WSW	4.7	NW	4.9	WNW	2.6	3.2				
21	62.5	60.9	60.6	61.3	W	4.4	ESE	4.0	NNW	2.1	3.1				
22	59.3	59.4	61.4	60.0	ESE	2.9	E	3.0	NNW	3.0	3.3				
23	62.5	62.8	61.2	62.2	N	2.6	NW	4.2	—	0.4	3.5	0.5	0.7	1.2	
24	58.2	57.1	56.3	57.2	W	10.0	W	7.2	—	0.4	6.8				
25	53.9	51.1	52.5	52.5	SSE	4.1	W	15.1	E	2.0	5.9				
26	48.5	50.1	54.6	51.1	ESE	11.1	NE	11.1	NE	2.0	7.1				
27	56.1	56.3	54.0	55.5	NNE	1.4	W	12.6	W	8.8	6.2				
28	53.6	53.9	55.0	54.2	NW	10.5	W	11.7	WNW	5.7	7.8				
29	55.9	58.1	61.0	58.3	NW	7.0	NW	6.2	WSW	0.9	5.7				
30	61.9	62.7	62.1	62.2	WSW	2.3	NW	7.2	W	2.8	4.1				
31	58.7	57.0	54.0	56.6	W	8.6	WSW	13.3	W	8.2	9.8				
平均 Mean	57.6	57.5	57.9	57.7		5.0		7.6		3.5	5.2		1.2	4.6	5.7

日 Day	氣 溫 (攝氏) AIR TEMPERATURE. (°C)							濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日 照 時 數 NO. OF HOURS WITH SUNSHINE	蒸 發 量 (耗) AMOUNT OF EVAPORATION (mm)		
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	平均 Mean				
1	0.6	5.2	99.6	1.8	6.7	98.6	8.1	58	43	59	53	0	—	0	—	0.0	10.30	2.9	
2	0.2	2.6	99.2	0.7	8.4	98.2	10.2	66	76	93	78	0	—	10	—	6.7	7.50	1.8	
3	97.8	4.9	97.3	99.9	5.8	96.0	9.8	100	68	100	89	10	—	0	—	6.7	8.75	2.2	
4	0.3	11.6	5.4	5.8	8.7	96.0	16.0	52	29	48	43	0	—	0	—	0.0	10.20	4.6	
5	2.2	6.5	1.3	3.3	8.7	95.5	8.2	81	30	39	50	0	—	0	—	0.0	9.90	4.6	
6	98.8	4.3	98.3	0.5	5.4	96.9	8.5	37	23	44	36	2	cs	0	—	0.7	8.13	3.0	
7	97.9	6.6	1.2	1.9	7.8	96.6	11.2	52	38	62	51	0	—	0	—	0.0	10.60	3.7	
8	0.0	8.2	1.4	3.2	9.5	98.0	11.5	65	22	73	63	0	—	0	—	0.0	10.70	3.7	
9	1.6	4.9	4.6	3.7	6.1	96.0	5.5	73	77	73	74	3	sk	10	sk, c	7.3	1.74	1.8	
10	0.2	4.2	0.6	1.7	5.4	99.1	6.3	94	62	83	80	10	s	10	cs, sk	6.7	5.70	1.6	
11	1.2	3.4	2.2	2.3	5.0	99.5	5.5	96	89	81	89	10	s	10	—	10.0	0.80	2.4	
12	0.2	0.3	97.9	99.5	3.5	97.0	6.5	30	27	31	29	10	—	10	—	10.0	7.15	3.7	
13	95.3	98.3	94.3	96.0	99.3	93.5	5.8	39	34	39	37	6	sk, s	10	sk, s	5.3	10.00	2.5	
14	92.7	96.1	93.0	93.9	98.1	91.7	6.4	42	89	51	61	6	sk	10	sk, sk	8.7	6.26	2.0	
15	94.9	95.5	95.3	95.2	97.4	92.0	5.4	46	45	32	41	2	sk	10	sk, sk	7.3	7.38	2.6	
16	92.2	99.7	94.8	95.6	1.1	91.5	9.6	44	41	58	48	0	—	0	—	0.0	11.00	2.8	
17	96.1	6.2	0.1	0.8	6.5	92.2	14.3	68	32	79	60	0	—	0	—	0.0	10.20	2.5	
18	99.5	99.5	97.9	99.0	3.5	96.5	7.0	88	90	68	82	10	c, cs	10	—	10.0	0.00	1.4	
19	97.1	0.1	97.3	98.2	0.6	95.0	5.6	46	35	37	39	0	—	0	—	0.0	10.30	3.0	
20	98.1	5.2	0.1	1.1	6.0	95.9	10.1	71	32	35	46	0	—	0	—	0.0	10.94	3.4	
21	98.6	8.4	2.8	3.3	9.4	97.1	12.3	78	32	28	46	0	—	0	—	3.3	10.43	4.0	
22	2.1	1.9	0.1	1.4	3.3	99.0	4.3	52	84	52	63	10	sc	10	—	6.7	2.01	1.2	
23	99.4	7.9	0.4	2.6	9.2	98.0	11.2	71	22	47	47	0	—	0	—	0.0	11.24	4.2	
24	1.9	5.6	0.2	2.6	8.0	99.5	8.5	66	58	64	63	4	sc	7	c, cs	4.3	11.10	3.5	
25	1.5	11.6	6.4	6.5	14.7	98.2	16.5	73	33	39	48	10	sc	10	cs, c	6.7	10.50	5.3	
26	6.2	2.6	0.3	3.0	8.1	99.6	8.5	29	64	56	50	10	cs	10	sk	6.7	2.00	2.6	
27	99.1	5.0	3.5	2.5	7.2	97.7	9.5	50	46	28	41	0	—	10	cs, sc	3.3	11.40	4.9	
28	99.9	2.6	1.3	1.3	4.0	98.1	5.9	54	59	55	56	10	sk	0	—	4.0	10.44	4.6	
29	99.3	3.2	99.3	0.6	4.9	98.3	6.4	32	25	48	35	0	—	0	—	0.0	11.60	4.0	
30	99.1	6.4	1.2	2.2	7.9	97.7	10.2	74	27	30	44	0	—	0	—	0.0	11.72	4.9	
31	2.2	10.4	9.1	7.2	13.1	97.0	13.1	53	38	36	42	0	—	0	—	0.0	11.10	6.9	
平均 Mean	99.2	4.1	0.2	1.2	6.0	97.0	9.0	61	48	54	54	3.6		3.6		3.8	3.7	201.09	101.7

* 重力ノ更正 Reduction to standard gravity..... 0.4
海面へノ更正 Reduction to mean sea level..... + 7.5

鞍山

ANSHAN.

昭和七年三月

MARCH, 1932.

	氣 壓 * (耗) AIR PRESSURE. (mm) (700 mm +)				風 / 方向 及 速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.								降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)				
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h		13 ^h		21 ^h		二十四時 間 平均 Mean for 24h.	21-5 ^h	5-13 ^h	13-21 ^h	總計 Total		
					—	—	—	—	—	—						—	—
1	61.5	61.6	63.8	62.3	—	0.3	ENE	2.3	ENE	1.8	2.1	—	—	—	—		
2	63.1	63.5	62.6	63.1	E	1.8	NE	3.8	ENE	0.8	2.1	—	—	—	—		
3	61.8	60.5	61.0	61.1	—	0.0	SW	1.8	S	2.9	1.6	—	—	—	—		
4	57.3	55.8	55.2	56.1	S	4.1	SW	12.3	SW	6.8	7.0	—	—	—	—		
5	61.8	64.8	64.3	63.6	NE	6.1	NE	6.4	NE	1.8	4.2	—	—	—	—		
6	63.3	64.3	64.8	64.1	NE	2.8	NNE	4.7	SE	2.0	2.5	—	—	—	—		
7	61.8	60.2	62.2	61.4	S	2.9	W	7.6	ENE	1.8	4.5	—	—	—	—		
8	63.6	65.3	66.3	65.1	—	0.3	NNE	3.8	E	1.1	2.9	—	—	—	—		
9	63.0	56.9	56.3	58.7	ENE	0.9	SSW	5.3	ENE	1.8	2.4	—	—	—	—		
0	56.4	58.1	57.9	57.5	NE	2.9	E	5.3	—	0.0	2.9	0.1	0.0	0.0	0.1		
1	55.2	51.2	51.9	52.8	SE	0.5	SW	4.7	NW	4.3	1.9	—	—	—	—		
2	52.6	55.1	56.9	54.9	N	3.6	N	3.5	—	0.0	1.9	2.3	1.4	3.0	3.7		
3	60.6	62.6	65.0	62.9	W	5.3	W	5.8	N	2.0	4.5	0.8	—	—	0.8		
4	60.7	63.1	61.9	61.9	N	2.3	SSW	4.0	WSW	2.4	3.2	—	—	—	—		
5	62.7	61.4	63.4	62.5	NE	1.4	NW	3.6	NNE	4.7	3.1	—	—	—	—		
6	65.3	65.9	64.8	65.3	S	1.2	WSW	2.9	SSW	3.3	3.0	—	—	—	—		
7	65.3	65.9	66.6	65.9	SW	3.5	NE	2.9	ENE	2.0	2.3	—	—	—	—		
8	65.4	66.0	65.1	65.5	—	0.0	NE	4.9	NNE	3.3	2.1	—	—	—	—		
9	66.1	65.9	67.2	66.4	SE	1.8	N	4.0	—	0.3	1.8	—	—	—	—		
0	66.7	66.8	66.3	66.6	—	0.3	NW	2.9	—	0.0	1.8	—	—	—	—		
1	66.2	64.9	65.3	65.5	SSE	0.8	SW	3.5	SSW	0.6	1.5	—	—	—	—		
2	63.2	62.9	65.1	63.7	—	0.0	NE	4.1	ENE	0.8	1.8	—	—	—	—		
3	67.7	65.1	65.4	66.1	ENE	1.1	ENE	4.1	—	0.3	2.3	—	—	—	—		
4	62.0	60.4	59.7	60.7	—	0.0	SSW	1.3	SSW	1.8	1.3	—	—	—	—		
5	55.6	54.7	57.1	55.8	SSW	3.8	SW	7.0	E	3.5	3.9	—	—	—	—		
6	57.8	57.2	58.9	58.0	E	4.1	E	5.3	NE	3.5	3.4	—	—	—	—		
7	58.9	57.5	58.5	58.3	WSW	1.5	NW	5.8	SW	1.5	3.8	—	—	—	—		
8	55.0	55.0	56.9	55.6	SW	1.0	W	2.7	W	2.9	3.6	—	—	—	—		
9	59.1	61.9	64.5	61.8	WSW	1.1	NE	2.4	SE	0.6	2.4	—	—	—	—		
0	64.3	66.0	64.4	64.9	SW	1.5	NNW	1.5	SSW	4.4	2.0	—	—	—	—		
1	61.3	57.3	56.5	58.4	SSW	7.0	SSW	8.2	SSW	4.1	5.8	—	—	—	—		
2	61.5	61.2	61.8	61.5	—	2.1	—	—	—	—	—	3.2	2.3	3.0	8.5		

	氣 溫 (攝氏) AIR TEMPERATURE. (°C)								濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日 照 時 數 NO. OF HOURS OF SUNSHINE.	蒸 發 量 (耗) AMOUNT OF EVAPORATION.	
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較 差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	平均 Mean				
																—			—
1	96.2	3.8	98.4	99.5	4.9	94.7	10.2	63	39	87	63	0	—	0	—	0.0	8.30	2.2	
2	95.0	4.1	98.2	99.1	5.0	94.1	10.9	94	50	80	75	0	—	0	—	0.0	8.50	2.5	
3	95.6	6.8	98.2	99.1	8.1	95.0	13.1	88	34	77	66	0	—	0	—	3.0	6.70	2.9	
4	1.9	10.5	7.3	6.6	11.5	98.7	12.8	65	28	43	45	0	—	7	—	4.7	7.70	6.7	
5	2.0	3.2	99.6	1.6	8.6	98.8	9.8	66	28	59	51	5	sk	10	—	7.7	5.60	3.2	
6	94.9	2.1	96.8	97.9	3.6	93.8	9.8	74	39	59	57	0	—	0	—	0.0	10.20	3.2	
7	96.0	6.4	98.2	99.1	7.2	94.5	12.7	68	40	42	50	0	—	2	—	0.7	9.10	4.7	
8	94.8	0.2	95.2	96.7	1.4	94.5	6.9	66	30	57	51	0	—	0	—	0.0	10.40	3.8	
9	95.2	7.0	98.0	99.1	7.5	92.9	14.6	57	41	87	62	1	—	6	—	5.3	5.50	3.0	
0	99.6	3.2	99.0	0.6	3.8	97.2	6.0	90	68	80	79	10	sk	8	—	8.3	4.40	3.1	
1	98.2	6.6	98.0	99.1	7.7	97.1	10.6	90	56	92	79	2	sk	10	—	7.3	0.00	2.5	
2	95.4	96.4	95.4	95.7	0.6	93.8	6.8	94	70	78	81	10	sk	10	—	8.3	1.50	1.2	
3	91.4	93.5	92.6	92.5	96.3	90.5	5.8	61	45	53	53	10	sk	10	—	10.0	0.00	2.9	
4	90.5	93.8	93.6	92.6	95.2	89.8	5.4	54	41	61	52	5	sk	10	—	7.3	6.70	2.4	
5	89.8	94.2	92.0	92.0	95.6	89.3	6.3	57	43	56	52	7	sk	10	—	7.0	3.10	2.2	
6	87.7	96.6	93.5	92.6	97.3	87.1	10.2	63	53	55	57	0	—	10	—	3.3	10.50	2.2	
7	93.2	0.4	96.5	96.7	0.6	92.0	8.6	48	38	44	43	0	—	4	—	2.7	7.65	3.3	
8	93.5	1.0	96.8	97.1	1.7	92.2	9.5	67	44	54	55	0	—	1	—	0.3	10.70	3.5	
9	91.6	0.2	96.0	95.9	1.8	90.8	11.0	73	38	55	55	0	—	4	—	1.3	10.60	3.4	
0	93.9	2.2	97.0	97.7	3.4	92.3	11.1	68	36	52	52	0	—	0	—	0.0	10.50	3.1	
1	94.2	4.9	98.2	99.1	6.9	93.2	13.7	77	28	41	49	0	—	3	—	1.0	10.70	4.0	
2	96.7	7.0	99.4	1.0	7.2	95.3	11.9	76	42	40	53	9	sk	1	—	3.3	10.90	4.7	
3	94.2	5.8	98.8	99.6	6.4	93.8	12.6	82	42	50	58	0	—	0	—	0.0	11.10	3.9	
4	95.2	9.3	98.0	99.1	10.6	94.5	16.1	61	25	43	43	0	—	1	—	0.3	11.00	4.8	
5	3.6	11.7	4.8	6.7	13.0	97.8	15.2	42	28	31	34	10	sk	10	—	6.7	6.00	5.5	
6	1.6	0.6	0.2	0.8	4.9	98.1	6.8	47	77	47	57	10	sk	3	—	4.3	4.80	2.1	
7	95.6	4.3	98.0	98.7	5.4	94.7	10.7	40	22	52	38	0	—	6	—	2.7	9.20	5.3	
8	95.0	2.6	98.6	98.7	3.0	94.1	8.9	54	39	85	59	0	—	10	—	6.7	5.70	3.3	
9	95.0	0.4	95.9	97.1	1.8	94.3	7.5	66	60	80	69	8	sk	10	—	6.0	4.40	2.3	
0	96.0	4.4	98.0	99.8	6.2	94.7	11.5	80	33	62	58	0	—	2	—	0.7	10.40	5.3	
1	0.9	12.9	7.4	7.1	14.1	98.2	15.9	38	22	40	33	0	—	0	—	0.0	11.30	8.7	
2	95.6	3.1	98.4	99.1	4.6	94.1	10.4	67	41	59	56	2.8	—	5.1	—	2.7	3.5	233.15	111.9

* 重力ノ更正 Reduction to standard gravity..... - 0.3
海面へノ更正 Reduction to mean sea level..... + 3.7

鄭家屯

CHENGCHIATUN.

昭和七年三月

MARCH, 1932.

日 Day	氣 壓 * (耗) AIR PRESSURE. (mm) (700 mm +)				風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.							降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)				
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	二十四時 間平均 Mean for 24h.	21-5 ^h	5-13 ^h	13-21 ^h	總 Tot.				
1	53.3	55.2	57.5	55.3	—	0.2	ENE	3.2	NE	1.5	1.6	—	—	—		
2	59.0	57.9	57.1	58.0	—	0.0	SSE	3.0	S	1.9	1.2	—	—	—		
3	55.5	52.9	51.3	53.2	—	0.0	SSW	3.4	—	0.0	1.6	—	—	—		
4	48.3	44.2	48.8	47.1	SSW	1.1	WSW	9.6	N	0.5	3.9	—	—	—		
5	54.0	55.3	55.9	55.1	NW	3.6	NNW	6.2	NNW	2.8	4.2	—	—	—		
6	56.5	57.0	56.2	56.6	NNW	4.4	N	1.5	NNW	2.8	3.4	—	—	—		
7	52.6	48.9	53.4	51.6	SW	1.7	N	9.1	NNW	3.7	5.0	—	—	—		
8	55.3	56.3	57.7	56.4	NNW	3.3	N	0.7	—	0.2	2.9	—	—	—		
9	57.0	53.5	52.0	54.2	SSE	1.0	SSE	4.3	ENE	3.9	2.2	—	—	—		
10	51.4	51.4	51.6	51.5	NE	1.9	ENE	5.6	E	2.7	3.1	—	—	—		
11	48.1	45.1	43.4	45.5	ESE	2.3	E	5.5	ENE	2.7	1.8	—	—	—		
12	44.5	46.1	47.7	46.1	N	4.3	NNW	5.9	WNW	3.9	5.2	0.1	1.4	0.6		
13	49.5	52.6	54.2	52.1	NNW	8.0	NNW	4.5	—	0.0	4.4	0.0	0.0	0.2		
14	53.5	53.0	53.9	53.5	WNW	1.8	NW	5.8	NW	4.4	3.8	—	—	0.3		
15	52.7	53.5	55.2	53.8	WNW	4.0	WNW	1.3	W	2.3	3.0	—	—	—		
16	56.0	56.5	56.1	56.2	NNW	4.1	WNW	3.8	—	0.4	2.7	—	—	—		
17	56.7	57.8	59.1	57.9	NNW	2.0	N	2.0	—	0.0	1.6	—	—	—		
18	58.9	58.8	60.0	59.2	—	0.0	NNE	0.9	ENE	1.1	0.6	—	—	—		
19	58.0	58.5	58.1	58.2	NNW	2.0	NNE	5.7	—	0.0	2.5	—	—	—		
20	59.0	59.2	58.1	58.8	NNW	3.2	NNE	3.3	NE	1.0	2.1	—	—	—		
21	58.1	58.6	58.2	58.3	—	0.4	NNW	1.6	NNE	0.9	1.1	—	—	—		
22	57.1	57.6	58.8	57.8	—	0.0	NNE	5.3	ENE	3.9	2.7	—	—	—		
23	60.7	59.9	58.1	59.6	WNW	0.5	NE	1.9	SSE	2.4	1.6	—	—	—		
24	55.0	52.8	50.3	52.7	SSW	0.9	W	4.0	SW	2.8	2.4	—	—	—		
25	44.9	45.2	49.4	46.5	SSW	6.7	WNW	11.4	NW	2.8	7.9	—	—	—		
26	49.7	48.9	50.2	49.6	W	4.6	WNW	6.9	NW	5.0	5.4	—	—	—		
27	47.9	47.4	49.4	48.2	WNW	4.7	WNW	7.6	WNW	5.5	6.2	—	—	—		
28	47.4	47.7	48.9	48.0	NNW	1.2	NNW	1.9	NW	2.4	2.5	—	—	—		
29	50.7	53.9	56.3	53.6	N	3.3	NNE	5.1	NW	1.4	3.8	0.2	0.5	0.5		
30	56.8	56.5	54.0	55.8	—	0.4	WNW	5.4	WSW	3.6	2.9	—	—	0.0		
31	51.0	49.2	48.3	48.8	SW	0.8	WNW	4.2	WSW	2.3	3.7	—	—	—		
平均 Mean	53.5	53.3	53.8	53.5		2.3		4.5		2.2	3.1	0.3	1.9	1.6	3	

日 Day	氣 溫 (攝氏) AIR TEMPERATURE. (°C)							濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.					日 照 時 數 NO. OF HOURS WITH SUNSHINE.	蒸 發 量 (耗) AMOUNT OF EVAPORATION.	
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較 差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	平均 Mean				
1	89.9	2.4	93.8	95.4	3.4	87.8	15.6	85	39	87	70	0	—	2	c	0	0.7	10.26	2
2	87.5	3.5	95.1	95.4	4.6	86.6	18.0	83	23	86	64	0	—	0	—	0	0.0	10.31	2
3	89.3	7.9	98.5	98.6	8.8	88.1	20.7	85	24	83	64	0	—	3	c	0	1.0	10.24	3
4	93.9	11.4	5.4	3.6	12.2	91.8	20.4	91	27	70	63	0	—	5	c, cs	0	1.7	9.23	5
5	94.0	2.2	95.9	97.7	6.2	94.0	12.2	97	17	65	60	0	—	4	c	0	1.3	10.31	4
6	89.3	1.0	94.1	94.8	2.5	88.4	14.1	85	71	77	78	0	—	0	—	0	0.0	10.44	3
7	86.7	3.8	96.2	95.6	4.4	85.7	18.7	73	26	94	64	0	—	6	c	0	2.0	7.53	4
8	89.1	98.6	93.5	93.7	0.6	88.8	11.8	88	26	84	66	0	—	0	kn	0	0.0	10.79	3
9	88.6	0.7	97.0	95.4	2.0	88.0	14.0	72	22	71	55	0	—	10	n	0	3.3	5.11	3
10	91.7	2.7	95.3	96.6	3.8	90.1	13.7	60	16	59	45	0	—	0	—	0	0.0	10.65	4
11	93.1	98.3	96.5	96.0	99.5	90.5	9.0	90	92	92	91	0	—	10	n	10	6.7	1.22	0
12	92.3	93.1	90.5	92.0	97.6	90.5	7.1	93	69	82	81	10	—	10	n	10	6.7	1.30	1
13	89.3	91.4	87.9	89.5	92.2	87.8	4.4	92	89	91	91	10	—	10	n	10	6.7	0.00	0
14	84.8	89.9	88.7	87.8	90.8	84.3	6.5	90	49	76	72	0	—	10	n	10	6.7	10.41	1
15	84.4	90.3	87.5	87.4	90.8	83.9	6.9	89	51	83	74	10	—	10	n	10	6.7	6.16	1
16	83.0	94.1	91.7	89.6	95.3	82.9	12.4	89	41	89	73	0	—	5	c	0	1.7	10.15	2
17	86.1	96.7	91.0	91.3	98.1	86.1	12.0	86	54	82	74	0	—	0	—	0	0.0	11.00	2
18	86.4	98.1	93.0	92.5	99.8	85.2	14.6	91	33	94	73	0	—	8	n	0	2.7	9.85	2
19	89.3	99.6	94.4	94.4	0.4	88.7	11.7	74	36	88	67	10	—	10	n, kn	0	6.7	7.94	3
20	88.9	2.2	95.0	95.4	3.6	88.8	14.8	92	52	57	67	0	—	0	—	0	0.0	11.23	3
21	89.7	3.3	94.9	96.0	5.0	88.4	16.6	88	35	82	68	0	—	0	—	0	0.0	11.40	3
22	91.7	4.8	97.5	98.0	5.8	89.8	16.0	80	18	87	62	0	—	0	—	0	0.0	11.49	4
23	90.3	2.2	95.7	96.1	4.2	89.9	14.3	85	50	30	58	0	—	0	—	0	0.0	11.29	3
24	90.5	7.5	99.4	99.1	9.6	90.2	19.4	85	20	35	47	0	—	0	—	0	0.0	11.55	5
25	96.4	7.0	99.7	1.7	7.7	96.1	11.6	50	16	20	28	8	n	10	n	0	6.0	6.21	7
26	98.4	4.7	98.6	0.6	5.7	97.3	8.4	58	11	34	34	10	n	0	—	0	3.3	8.37	6
27	94.9	2.8	99.4	99.0	4.6	94.7	9.9	82	77	63	74	0	—	3	c	0	1.0	10.24	5
28	94.9	0.3	96.3	97.2	1.3	94.7	6.6	94	77	84	85	10	—	10	n	0	6.7	6.90	1
29	90.5	98.5	94.2	94.4	99.3	89.8	9.5	92	43	94	76	0	—	6	kn	0	2.0	9.88	2
30	90.8	3.1	99.0	97.6	6.6	90.5	16.1	93	26	98	71	0	—	0	—	0	0.0	11.61	5
31	94.9	12.6	3.5	3.7	14.3	94.8	19.5	91	17	26	46	0	—	0	—	0	0.0	10.94	7
平均 Mean	90.4	1.1	95.6	95.7	2.6	89.5	13.1	84	40	73	66	2.2		4.3		0.6	2.4	274.00	112

* 重力ノ更正 Reduction to standard gravity..... - 0.1
 海面へノ更正 Reduction to mean sea level..... + 11.2

南 港
TAONAN.

昭和七年三月

MARCH, 1932.

氣 壓 * (耗) AIR PRESSURE. (mm) (700 mm +)					風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.								降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)				
5h	13h	21h	平均 Mean		5h	13h	21h	二十四時 間 平均 Mean for 24h.		21-5h	5-13h	13-21h	總計 Total				
52.5	52.5	54.4	53.1		NNW	1.5			S	2.5	1.7						
55.0	53.4	52.3	53.6		ESE	1.8			S	3.9	3.3						
50.8	48.2	46.2	48.4		S	3.0			SSW	3.6	3.2						
41.1	37.4	44.5	41.0		S	3.1			SSW	8.8	6.6						
49.0	50.6	52.6	50.7		SSW	4.6			SW	7.9	5.8						
53.6	52.4	53.8	53.3		—	0.4			N	5.3							
46.7	44.8	49.3	46.9		WSW	2.1			NW	7.9							
52.6	53.8	54.2	53.5		W	2.9			NW	3.9							
52.6	52.0	50.2	51.6		SSE	2.6			S	4.7							
49.5	49.3	48.8	49.2		ESE	1.8			S	2.3							
46.3	44.6	43.4	44.8		SE	4.3			NNE	4.7							
42.0	43.4	41.6	42.3		N	13.8			NNW	13.7							
45.4	46.7	50.1	47.4		N	10.3			NNW	6.9							
49.7	49.0	49.4	49.4		NNW	2.4			NW	5.0							
49.3	49.8	51.8	50.3		NW	2.3			WSW	3.7							
52.5	52.4	53.1	52.7		WSW	2.7			WNW	2.2							
54.3	55.3	56.4	55.3		SW	2.3			NNW	3.4							
56.5	55.7	54.8	55.7		NNW	4.7			NW	3.5							
55.1	54.9	55.3	55.1		NW	4.1			NNW	5.5							
55.7	55.3	55.2	55.4		NW	3.9			N	2.7							
56.1	54.3	54.2	54.9		WSW	2.0			NW	3.4							
53.9	55.0	57.2	55.4		NW	2.3			N	4.6							
58.5	55.3	53.1	55.6		NE	1.1			SW	5.5							
50.6	48.1	45.2	48.0		SW	1.8			SW	4.3							
36.5	38.1	43.6	39.4		S	6.0			W	8.8							
43.5	42.8	43.6	43.3		WSW	9.6			W	12.6							
42.2	42.2	44.9	43.1		W	2.5			NNW	7.0							
44.4	44.1	46.6	45.0		NNW	4.4			NW	5.9							
48.6	50.8	52.4	50.6		NW	5.4			NNW	6.6							
52.9	50.7	48.7	50.8		WSW	2.7			W	5.8							
45.9	43.3	42.2	43.8		WNW	2.3			W	4.3							
49.8	49.2	50.0	49.7			3.7				4.2	4.5						
										3.3		4.9		1.2	9.4		

氣 溫 (攝氏) AIR TEMPERATURE. (°C)							濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日 照 時 數 NO. OF HOURS WITH SUNSHINE.	蒸 發 量 耗 AMOUNT OF EVAPORATION. (耗)	
5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較 差 Range	5h	13h	21h	平均 Mean	5h	13h	21h	平均 Mean	時 數	耗	
87.3	1.1	93.1	93.8	3.2	86.3	16.9	87	27	58	57	0	—	0	—	0.0	10.25	2.4
87.1	4.8	96.9	96.3	5.6	86.4	19.2	83	22	42	49	0	—	0	—	0.0	10.36	3.4
89.7	5.8	97.9	97.8	8.0	89.6	18.4	89	29	41	53	0	—	0	—	0.0	10.44	3.4
93.3	11.3	97.7	0.7	12.8	91.4	21.4	82	24	75	60	4	cs	3	c	2.3	8.72	6.4
90.9	1.6	94.5	95.7	3.5	90.6	12.9	69	19	61	50	0	—	0	—	0.0	10.74	4.3
91.7	0.7	95.7	96.0	1.6	90.8	10.8	80	70	68	73	10	sc	4	k	4.7	10.28	3.0
88.5	2.7	92.9	94.7	2.8	88.2	14.6	81	15	41	56	4	sk	2	—	2.0	9.04	4.7
88.0	98.2	92.1	92.8	0.2	87.4	12.8	80	32	53	55	0	—	4	sk	1.3	8.71	2.5
88.5	1.0	95.0	94.8	1.8	88.4	13.4	62	35	39	45	4	c	10	c	4.7	7.84	2.7
87.3	2.1	95.9	95.1	3.8	87.3	16.5	63	27	48	46	0	—	0	—	0.0	10.68	3.0
94.5	94.2	93.5	94.1	96.3	92.0	4.3	80	94	55	76	10	n	10	s	6.7	0.00	1.9
90.3	90.1	89.0	89.8	93.8	89.0	4.8	89	96	88	91	10	s	10	s	10.0	0.00	0.4
89.3	91.5	88.3	89.7	91.6	88.3	3.3	92	83	76	84	10	n	10	n	6.7	0.00	0.6
84.1	89.5	85.3	86.3	90.4	80.4	10.0	84	70	68	74	10	n	10	s	10.0	6.94	1.5
81.1	90.0	85.9	85.7	92.6	79.8	12.8	70	64	47	60	10	n	9	cs	6.3	9.10	1.5
81.3	92.7	87.5	87.2	94.9	79.4	15.5	70	53	75	66	2	c	5	c	2.3	11.05	1.8
81.6	94.1	89.1	88.3	95.2	80.6	14.6	71	60	81	71	0	—	0	—	0.0	10.87	1.9
88.7	96.0	93.5	92.7	98.2	83.4	14.8	88	44	55	62	0	—	1	c	3.7	11.26	2.4
89.9	99.5	94.5	94.6	0.4	88.9	11.5	79	40	50	56	3	c	1	c	1.3	10.28	2.5
89.8	0.2	94.6	94.9	1.8	88.6	13.2	82	44	77	68	0	—	0	—	0.0	11.31	2.6
89.1	1.1	96.3	95.5	2.5	88.2	14.3	85	73	69	76	0	—	0	—	0.0	11.44	2.8
91.1	2.1	95.5	96.2	2.8	89.9	12.9	86	22	63	57	0	—	0	—	0.0	11.45	3.2
90.1	2.5	97.1	96.6	4.0	89.6	14.4	85	35	56	59	0	—	0	—	0.0	11.46	3.2
91.5	6.5	0.1	99.4	6.6	89.9	16.7	87	23	33	48	0	—	0	—	0.0	11.16	4.5
1.5	2.1	98.4	0.7	4.8	88.4	6.4	73	60	37	57	10	n	10	n	6.7	4.04	4.0
97.2	2.5	97.1	98.9	3.0	95.2	7.8	67	22	84	58	5	sk	0	—	1.7	10.91	6.4
94.8	1.4	95.7	97.3	2.6	94.4	8.2	63	62	84	70	0	—	10	n	3.3	7.70	2.6
94.5	99.7	96.5	96.9	1.8	94.2	7.6	72	68	95	78	3	c	10	n	4.3	5.82	2.3
92.8	97.6	93.7	94.7	99.2	92.0	7.2	87	46	43	59	6	c	10	kn	5.3	8.92	2.5
89.1	7.4	1.5	99.3	9.3	88.5	20.8	81	20	30	44	0	—	0	—	0.0	12.38	4.6
95.5	13.5	5.3	4.8	15.4	95.4	20.0	89	21	38	49	4	c	1	c	1.7	11.66	5.8
90.0	0.1	94.5	94.9	1.6	88.8	12.8	79	46	59	62	3.4		3.9		2.7	274.81	94.8

* 重力ノ更正 Reduction to standard gravity..... - 0.0
海面へノ更正 Reduction to mean sea level..... + 14.6

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昭和七年四月

滿 洲 氣 象 表



REPORT

OF THE

METEOROLOGICAL OBSERVATIONS

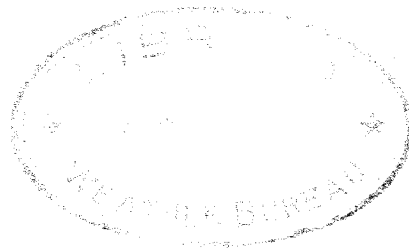
MADE AT THE

METEOROLOGICAL STATIONS

IN

MANCHURIA.

APRIL, 1932.



PUBLISHED BY THE METEOROLOGICAL OBSERVATORY, DAIREN.

凡 例

本編ハ昭和七年四月中滿洲各觀測所ニ於ケル氣象觀測ノ成績ヲ示スモノニシテ其ノ觀測ノ時刻方法等ハ日本各測候所ト全ク同一ノ式ニ據ル今其要點ヲ擧グレバ

觀測時ハ日本西部標準時即チ東經百二十度ノ地ノ平時ニ據リ夜半ヲ日界トスル二十四時間制ヲ用フ但シ日照時數ハ眞太陽時ニ據ル

氣壓ハ耗ヲ以テ示シ晴雨計示度ニ施スニ單ニ溫度ノ更正ノミヲ以テシ海面上高サノ更正及重力ノ更正ハ施サズ

溫度ハ攝氏ノ度ニ據ル但シ氷點以下ノ度ハ負數ヲ用ヒズ百ヨリ其度ヲ減ジ其餘數ヲ以テ之ヲ示ス即チ氷點以下一度ハ九十九度氷點以下五度ハ九十五度ト記スルガ如シ

或ル觀測時ニ於ケル風速ハ其觀測時前二十分間ノ平均風速ヲ以テ之ヲ示ス

平均雲量ニ未滿ナル日ヲ快晴トシ八以上ナル日ヲ曇天トス

風ノ速度一秒時間十米以上ヲ觀測シタル日ヲ暴風日トス

INTRODUCTION.

The present publication contains the results of the meteorological observations made at the meteorological stations in Manchuria for the month of April, 1932.

The instruments and the method of observation are the same as those at the meteorological stations in Japan. The followings are to be particularly noticed.

Hours of Observations.—The Western Standard Time of Japan (civil mean time of the meridian 120° E.) is adopted. For the measure of sunshine duration the apparent solar time is used.

Pressure.—The barometric readings in millimetres are reduced only to freezing point.

Temperature.—The degrees are given in Centigrade; those below zero are shown by adding 100, to avoid the minus sign; thus 99° for -1°, 95° for -5°, etc.

Velocity of the Wind.—As the velocity at any time is given the mean for the preceeding 20 minutes.

Clear and Cloudy Days.—The mean amount of cloud for a clear day is less than 2 exclusive, and for a cloudy day is more than 8 inclusive.

Days with Gales.—As such are counted the days on which the maximum velocity reaches or exceeds 10 metres per second.

現象記號

ILLUSTRATION OF SYMBOLS

(1) 萬國共通記號 *International symbols*

雨 ☉ Rain	霜 □ Hoar frost	日 暈 ⊕ Solar halo
雪 ✖ Snow	露 ⇨ Dew	日光環 ⊙ Solar corona
電 雷 ⚡ Thunder storm	霧 氷 ∨ Silver thaw	月 暈 ⊕ Lunar halo
雷 聲 T Thunder without lightning	雨 氷 ~ Glazed frost	月光環 ⊕ Lunar corona
電 光 < Lightning without thunder	吹 雪 ⊕ Snow drift	虹 ∩ Rainbow
霰 △ Graupel	細 氷 ← Ice crystals	極 光 ∩ Aurora
雹 ▲ Hail	積 雪 ⊞ Snow lying	煙 霧 ∞ Haze
霧 ≡ Mist, fog	暴 風 ⚡ Gale	黃道光 ♌ Zodiacal light

(2) 其 他 の 記 號 *Other symbols*

凍 雨 ⊖ Frozen rain	凍 露 ⊖ Frozen dew	結 氷 ⊖ Ice
霜 柱 ⊥ Ice columns in ground	波 狀 雲 ∞ Undulated cloud	黃 砂 ∞ Yellow dust
朝 夕 燒 ⊖ Red sky	海 鳴 ⊖ Oceanic noise	地 震 ⊖ Earthquake
卷 雲 C Cirrus	卷 層 雲 CS Cirro-stratus	卷 積 雲 CK Cirro-cumulus
層 雲 S Stratus	高 層 雲 SC Alto-stratus	層 積 雲 SK Strato-cumulus
積 雲 K Cumulus	高 積 雲 KC Alto-cumulus	積 亂 雲 KN Cumulo-nimbus
亂 雲 N Nimbus		

(3) 現 象 の 強 さ *The intensity of the phenomena*

現象ノ強弱ヲ示ス爲ニ記號ノ右肩ニ0.1.2.ノ數字ヲ記ス例ヘバ

The intensity of a phenomenon is shown by an index added to its symbol, thus:—

微 雨 ☉⁰ slight rain 中 雨 ☉¹ moderate rain 強 雨 ☉² heavy rain

地 震 震 度 階 級 *Intensity of earthquakes*

微 震 ☉⁽¹⁾ slight 弱 震(弱キ方) ☉⁽²⁾ moderate 弱 震 ☉⁽³⁾ rather strong
 強 震(強キ方) ☉⁽⁴⁾ strong 強 震 ☉⁽⁵⁾ very strong 烈 震 ☉⁽⁶⁾ disastrous

大連 DAIREN.

昭和七年四月

APRIL, 1932.

Table I: Meteorological data including Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm) for each day from 1 to 30. Includes a summary row for the month's average.

Table II: Meteorological data including Air Temperature (°C), Relative Humidity (%), Amount and Forms of Cloud, and Evaporation (mm) for each day from 1 to 30. Includes a summary row for the month's average.

* 重力ノ更正 Reduction to standard gravity----- 0.4
海面ノ更正 Reduction to mean sea level----- + 8.0

大 連
DAIREN.

昭和七年四月

APRIL, 1932.

日 Day	水 蒸 氣 ノ 張 力 (耗) TENSION OF VAPOUR. (mm)							地 面 溫 度 (攝 氏) EARTH TEMP. ON THE SURFACE. (°C)				地 中 溫 度 (攝 氏) EARTH TEMPERATURE. (°C)										最 低 地 温 (攝 氏) MIN. TEMP. ON GRASS. (°C)	最 高 地 温 (攝 氏) MAX. TEMP. ON GRASS. (°C)
	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	平均 Mean	6 ^h	14 ^h	22 ^h	平均 Mean	0.05m	0.1m	0.2m	0.3m	0.5m	1.0m	2.0m	3.0m	4.0m	5.0m		
1	3.8	3.3	3.9	3.3	3.0	4.0	3.6	6.4	28.8	10.0	14.4	11.8	8.0	6.4	6.5	6.9	5.5	4.9	5.9	7.1	7.9	5.1	28.6
2	4.4	4.3	4.5	4.9	5.1	5.4	4.8	7.8	30.5	6.7	15.0	13.3	9.9	8.9	8.6	8.0	6.0	4.9	5.7	7.0	7.9	4.7	27.5
3	5.3	5.7	6.1	6.3	6.3	6.1	6.0	6.0	29.5	4.0	10.2	9.1	7.3	9.1	9.3	9.0	7.0	5.1	5.9	7.2	8.0	3.2	16.2
4	4.5	3.6	2.3	2.4	2.7	4.5	3.3	1.7	29.0	6.9	12.5	11.2	5.0	7.0	6.9	8.3	7.3	5.4	5.9	7.1	7.5	1.4	28.2
5	5.9	2.8	2.5	1.9	2.2	1.8	2.9	1.5	10.7	99.9	4.0	5.4	4.3	6.7	8.1	8.6	7.3	5.5	6.0	7.2	7.9	99.8	11.8
6	3.2	2.4	2.4	3.4	2.2	2.7	2.7	0.2	24.2	5.3	9.9	8.6	7.8	4.2	5.6	7.0	7.5	5.4	5.9	7.2	7.9	99.3	26.9
7	3.0	3.1	2.6	3.9	2.4	3.7	3.1	4.8	22.6	15.8	14.4	13.2	9.5	6.7	7.3	7.7	7.4	5.9	6.0	7.2	7.9	4.8	25.8
8	4.8	4.8	5.4	5.8	6.0	5.4	5.4	6.5	22.2	6.0	11.6	14.0	8.2	8.0	8.4	8.5	7.5	6.0	6.2	7.2	7.9	4.7	25.6
9	6.0	5.2	1.6	2.0	1.8	1.9	3.1	6.5	22.7	3.5	10.9	11.5	8.5	8.2	8.7	9.0	7.9	6.1	6.3	7.3	7.9	3.2	18.4
10	1.4	2.0	1.7	1.6	1.9	3.5	2.0	2.4	11.7	5.5	6.5	9.9	8.1	7.0	8.0	8.7	8.2	6.4	6.4	7.3	7.9	1.6	22.6
11	5.6	5.7	5.9	5.5	4.7	3.2	5.1	4.8	8.1	3.5	5.6	7.3	6.7	7.2	7.8	8.4	8.2	6.4	6.4	7.3	7.9	2.5	10.0
12	4.3	4.3	3.9	4.1	3.6	3.7	4.0	8.5	21.4	5.7	10.2	11.7	8.4	5.8	6.6	7.5	8.0	6.5	6.5	7.5	7.9	2.0	25.9
13	4.4	4.5	4.8	4.3	4.0	4.7	4.5	2.9	23.3	6.3	12.5	14.1	9.9	7.3	8.0	8.5	8.0	6.7	6.6	7.4	8.0	1.6	28.1
14	4.8	5.0	5.2	7.3	5.8	6.4	5.8	7.3	9.1	4.8	7.1	11.7	9.9	8.9	9.2	9.4	8.3	6.9	6.6	7.5	8.0	4.8	18.8
15	5.6	5.0	2.9	2.9	3.2	3.6	3.9	2.7	28.3	5.8	12.3	11.8	8.5	7.0	8.0	8.8	8.5	6.9	6.8	7.0	8.0	1.6	27.6
16	4.2	3.1	4.4	5.4	3.9	4.4	4.2	7.0	17.5	9.3	11.3	10.2	9.0	8.5	9.0	9.4	8.6	6.9	6.9	7.7	8.0	5.0	22.5
17	4.3	5.2	7.2	7.5	5.8	6.1	6.0	8.4	8.3	5.2	7.3	8.6	9.2	9.2	9.5	9.7	8.7	7.1	6.9	7.7	8.0	4.6	15.3
18	4.4	4.6	4.5	3.4	3.0	3.0	4.0	3.2	19.5	5.8	9.5	11.7	7.7	6.7	7.4	8.5	8.8	7.2	6.9	7.8	8.1	2.5	20.9
19	4.9	4.9	4.4	4.2	5.1	5.0	4.7	3.8	20.5	5.4	9.9	11.9	7.8	7.3	8.2	8.8	8.7	7.3	7.0	7.8	8.1	4.0	18.1
20	4.6	5.2	4.8	4.7	4.5	4.5	4.7	4.4	26.8	6.4	12.5	13.8	8.8	7.8	8.4	9.0	8.8	7.4	7.2	7.9	8.1	3.4	22.8
21	3.7	4.3	4.8	4.8	5.0	5.1	4.6	7.0	18.1	10.2	11.8	11.9	9.7	8.9	9.4	9.8	9.0	7.4	7.3	8.0	8.2	3.8	21.9
22	5.2	6.8	7.2	5.7	6.3	6.5	6.3	7.4	18.9	8.4	11.6	12.0	10.2	9.5	9.9	10.0	9.4	7.6	7.5	8.1	8.4	5.4	20.9
23	6.9	7.2	7.1	6.8	6.7	6.2	6.8	8.1	28.3	8.7	15.0	15.9	11.0	9.5	9.8	10.1	9.4	7.5	7.5	8.0	8.3	4.9	29.3
24	5.0	5.0	4.8	3.6	5.2	4.9	4.8	6.2	17.3	5.8	9.8	11.8	9.7	9.9	10.6	10.9	9.7	7.8	7.5	8.1	8.4	4.3	20.0
25	3.7	2.7	2.4	4.9	3.4	3.5	3.4	5.8	32.3	9.3	15.8	15.5	10.9	9.3	10.0	10.5	9.8	7.9	7.5	8.1	8.4	4.1	29.8
26	4.0	4.5	5.2	5.1	4.8	7.1	5.1	8.0	25.9	9.8	14.6	15.2	12.2	11.0	11.4	11.5	10.0	7.9	7.5	8.2	8.4	7.3	26.0
27	6.5	7.2	7.3	7.6	7.9	6.4	7.2	9.3	21.8	8.5	13.2	14.5	12.4	11.5	11.8	12.0	10.5	8.0	7.6	8.3	8.4	6.6	22.6
28	5.3	3.6	3.8	5.2	3.6	3.7	4.2	6.4	27.8	10.9	15.0	16.5	11.7	10.5	11.2	11.7	10.6	8.1	7.7	8.3	8.4	5.0	26.1
29	4.1	6.1	5.7	6.6	7.8	7.2	6.3	9.9	19.7	11.0	13.5	16.3	13.5	12.2	12.4	12.3	10.8	8.4	7.8	8.3	8.4	9.3	22.5
30	8.6	7.7	8.0	7.9	8.6	7.4	8.0	9.5	25.6	9.3	14.8	12.3	12.1	11.8	12.2	12.3	11.0	8.4	8.0	8.4	8.4	6.9	21.6
平均 Mean	4.7	4.7	4.6	4.8	4.6	4.7	4.7	5.6	21.5	7.1	11.4	12.1	9.2	8.4	8.9	9.3	8.5	6.8	6.8	7.7	8.1	3.9	22.7

記 事
REMARKS.

日 Day	REMARKS.
1	
2	☁ 1h.
3	☁ p.
4	☁ a.
5	☁ 2h 50 - ☁ 12h 50 - ☁ 23h 16 - ☁ 12h 23 - ☁ 23h 36 - ☁ 12h 52 - ☁ 1 - ☁ 2h 03 - ☁ 1h 05 - ☁ 0h 17 - 2h 20. ☁ 2h 35 - 2h 47.
6	
7	
8	☁ 1h ☁ p.
9	
10	☁ 20h 40 - 23h 15.
11	☁ 1p.
12	☁ 2h 40 - 11h 50.
13	☁ 17h 56 - 18h 20.
14	☁ 12h 25 - ☁ 11h 35 - ☁ 11h 40 - ☁ 11h 46 - ☁ 13h 55 - 14h 20.
15	
16	☁ p.
17	☁ 6h 40 - 7h 25. ☁ 9h 00 - ☁ 11h 25 - ☁ 12h 17 - ☁ 11h 12 - ☁ 14h 35 - 14h 58.
18	☁ p.
19	
20	☁ p.
21	☁ ☁ a.
22	☁ 3h 40 - 6h 40
23	
24	
25	☁ 1p.
26	☁ p.
27	☁ 14h 20 - ☁ 16h 00 - ☁ 17h 15 - 17h 50.
28	☁ a.
29	☁ ☁ a.
30	☁ 2h 45 - ☁ 13h 00 - ☁ 11h 30 - 13h 20. ☁ 15h 20 - ☁ 16h 30 - ☁ 17h 23 - ☁ 18h 40 - ☁ 19h 30 - ☁ 21h 20 - ☁ 23h 00 - ☁ 1h.

昭和七年四月

營口 YINGKOW.

APRIL, 1932.

Table with columns for Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Includes sub-columns for 2h, 6h, 10h, 14h, 18h, 22h, and Total.

Table with columns for Air Temperature (°C), Relative Humidity (%), Amount and Forms of Cloud, and Evaporation (mm). Includes sub-columns for 2h, 6h, 10h, 14h, 18h, 22h, and Total.

* 重力ノ更正 Reduction to standard gravity..... - 0.3
海面へノ更正 Reduction to mean sea level..... + 0.3

M. J. ...

奉天 FENG-TIEN.

昭和七年四月

APRIL, 1932.

Table with columns for Day, Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Includes sub-headers for 2, 6, 10, 14, 18, 22 hours and average values.

Table with columns for Day, Air Temperature (°C), Relative Humidity (%), Amount and Forms of Cloud, and Sunshine. Includes sub-headers for 2, 6, 10, 14, 18, 22 hours and average values.

* 重力ノ更正 Reduction to standard gravity..... 0.2 海面ノ更正 Reduction to mean sea level..... + 4.1

昭和七年四月

長春 CHANGCHUN.

APRIL, 1932.

Table with columns for Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Includes sub-headers for 'AIR PRESSURE * (耗)', '風ノ方向及速度 (米秒)', and '降水量 (耗)'. Rows show hourly data from 1 to 24, plus monthly averages.

Table with columns for Air Temperature (Celsius), Relative Humidity (%), Amount and Forms of Cloud, and Evaporation. Includes sub-headers for '氣溫 (攝氏)', '濕度 (百分率)', '雲量 (0-10) 及雲形', and '蒸發量 (耗)'. Rows show hourly data from 1 to 24, plus monthly averages.

* 重力ノ更正 Reduction to standard gravity..... - 0.1
海面へノ更正 Reduction to mean sea level..... + 19.6

旅 順

RYOJUN.

昭和七年四月

APRIL, 1932.

日 Day	氣 壓 * (耗) AIR PRESSURE. (mm) (700 mm +)				風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.							降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)					總計 Total
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	平均 Mean	21 ^h	二十四時 平均 Mean for 24h.	21-5 ^h	5-13 ^h	13-21 ^h				
1	52.7	52.2	49.8	51.6	W	13.4	WSW	14.6	SSW	6.3	11.8	—	—	—			
2	50.3	51.8	52.0	51.4	W	6.9	SSE	4.3	ENE	3.6	5.1	—	—	—			
3	50.3	51.4	53.5	51.7	ESE	1.5	NE	3.9	—	0.1	2.2	—	—	—			
4	52.6	51.3	51.8	51.9	—	0.1	SE	5.0	NNW	2.2	3.1	—	—	0.4			
5	53.4	56.2	58.1	55.9	NNE	17.4	N	8.9	W	3.5	7.8	11.2	—	11.2			
6	56.8	55.2	53.5	55.2	W	6.3	W	13.0	WSW	10.0	9.6	—	—	—			
7	52.2	51.0	50.2	51.1	WSW	12.5	W	13.4	WSW	2.5	10.9	—	—	—			
8	49.9	50.2	50.7	50.3	W	12.1	W	12.8	SE	2.7	8.9	—	—	—			
9	52.6	58.6	61.0	57.4	ENE	2.9	NE	11.3	—	0.4	6.9	—	—	—			
10	60.9	61.1	60.9	61.0	ESE	5.4	SSE	2.6	ENE	4.8	3.4	—	—	—			
11	59.4	57.9	56.1	57.8	SE	4.7	SSE	5.7	SSE	2.3	3.9	0.0	0.0	0.0			
12	52.9	53.4	54.5	53.6	W	5.7	N	5.3	SW	1.9	4.6	—	—	—			
13	54.1	53.5	51.8	53.1	WNW	6.1	WSW	8.6	SSE	5.4	5.1	—	—	—			
14	47.5	46.6	50.0	48.0	ESE	5.4	W	10.4	NE	4.0	6.0	—	0.0	0.0			
15	51.1	52.6	53.8	52.5	NW	3.3	W	7.3	SSE	3.9	4.2	—	—	—			
16	53.0	52.1	51.3	52.1	SSE	6.9	SSE	6.7	ESE	12.0	7.7	—	—	—			
17	49.2	49.7	51.1	50.0	S	12.4	W	3.3	NW	5.7	7.8	0.4	10.3	12.0			
18	49.9	49.8	49.1	49.6	W	10.2	WNW	14.0	W	9.6	8.9	—	—	—			
19	50.7	52.5	55.5	52.9	ENE	1.8	NW	5.9	NW	3.6	3.9	—	—	—			
20	57.3	58.5	57.9	57.9	NNW	1.0	NW	5.5	ENE	1.6	3.3	—	—	—			
21	56.1	54.8	54.5	55.1	S	1.4	SSE	4.3	SSE	2.5	3.3	—	—	—			
22	53.9	53.7	53.4	53.7	SSE	1.1	SE	6.0	ESE	6.1	4.9	1.5	0.8	2.3			
23	52.8	52.9	54.0	53.2	N	4.1	NNW	4.7	N	7.5	4.2	—	—	—			
24	52.8	52.0	53.5	52.8	NW	11.9	W	12.7	W	6.5	9.2	—	—	—			
25	54.2	54.9	54.0	54.4	W	10.0	W	13.1	WSW	7.7	9.4	—	—	—			
26	54.1	55.2	55.4	54.9	SW	4.3	SSE	4.3	S	4.5	4.3	—	—	—			
27	53.6	53.2	54.7	53.8	ESE	6.4	SE	6.0	NE	2.5	5.2	—	—	—			
28	54.7	50.9	49.0	51.5	NW	0.9	W	12.6	W	8.4	8.5	—	—	—			
29	47.9	46.7	47.2	47.3	SSE	4.4	SSW	5.8	S	3.4	5.9	—	—	—			
30	45.9	46.1	47.0	46.3	SE	6.8	SSE	6.8	SE	7.8	6.3	—	—	—			
平均 Mean	52.8	52.9	53.2	52.9		6.2		8.0		4.8	6.2	13.1	11.1	1.7	25.9		

日 Day	氣 温 (攝氏) AIR TEMPERATURE. (°C)						濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日 照 時 數 NO. HOURS SUNSHINE	蒸 發 量 AMOUNT OF EVAPORATION.		
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h			平均 Mean	
1	7.1	16.3	15.9	13.1	21.5	5.9	15.6	49	26	32	36	0	—	0	—	0.0	11.57	11.1
2	11.3	9.6	9.2	10.0	17.9	5.3	12.6	45	59	59	54	0	—	0	—	1.0	10.75	4.5
3	6.8	11.8	5.6	8.1	13.9	4.3	9.6	72	60	91	74	10	cs, u	9	c, sk	6.3	5.50	4.0
4	2.3	13.1	9.6	8.3	15.0	0.2	14.8	75	27	52	55	0	—	10	sc	4.3	10.48	4.6
5	2.1	4.0	0.6	2.2	9.6	99.9	9.7	62	49	86	66	10	sc	9	c, c	6.3	11.02	4.3
6	4.4	10.4	8.8	7.9	10.9	99.4	11.5	55	43	35	44	0	—	3	c, c	1.0	11.95	5.4
7	5.7	11.0	9.2	8.6	12.9	4.5	8.4	58	35	37	43	7	c	10	cs, c	5.7	11.52	7.1
8	8.6	13.4	7.1	9.7	14.5	4.9	9.6	59	51	71	60	10	kc, cs	10	cs, ck	6.7	11.67	5.9
9	8.2	9.3	5.4	7.6	10.7	4.5	6.2	67	25	30	41	10	sc	0	—	3.3	9.90	7.2
10	4.0	8.0	6.7	6.2	10.1	3.0	7.1	37	21	25	28	10	cs, kc	10	sc	10.1	5.03	3.1
11	4.4	5.3	5.2	5.0	7.4	3.0	4.4	82	75	59	72	10	sc	10	sc, sk	8.3	0.00	2.0
12	5.0	13.1	8.5	8.9	13.9	2.5	11.4	69	35	59	54	0	—	3	c, c	4.3	8.07	5.9
13	6.2	14.7	6.4	9.1	15.5	4.3	11.2	56	34	72	54	0	—	0	—	0.0	12.20	5.9
14	6.9	11.3	6.8	8.3	15.9	4.8	11.1	68	60	74	67	10	sc	10	sc, sk	6.7	5.60	3.8
15	4.0	12.4	5.0	7.1	13.9	2.5	11.4	79	49	75	68	8	c	0	—	2.7	11.58	4.9
16	7.4	11.7	8.0	9.0	13.9	3.4	10.5	53	56	60	56	0	—	10	cs	6.7	6.45	4.5
17	8.0	6.3	4.2	6.2	12.0	4.2	7.8	72	95	89	85	10	sc	3	c, ck	7.7	3.25	4.3
18	4.6	11.7	7.1	7.8	12.2	1.9	10.3	79	35	60	56	0	—	3	sk, c	1.0	12.10	5.0
19	6.2	12.2	6.4	8.3	12.9	4.2	8.7	66	38	69	58	0	—	0	—	0.0	12.35	5.3
20	5.6	14.1	8.2	9.3	15.4	4.0	11.4	74	37	51	54	0	—	2	c	1.7	12.65	5.3
21	5.8	10.8	8.8	8.5	12.7	3.7	9.0	75	54	69	66	10	sc, s	10	cs	10.0	7.20	2.9
22	6.2	10.3	6.5	7.7	13.0	5.1	7.9	93	70	86	83	10	sc, s	10	sk, kc	9.0	5.83	3.5
23	7.6	12.0	5.3	8.3	14.5	4.5	10.0	88	66	91	82	10	sk, s	10	sk, sc	10.0	1.53	3.5
24	4.2	10.4	5.6	6.7	10.7	3.2	7.5	86	57	71	71	10	sk, s	2	k, ck	4.0	10.28	5.0
25	5.4	11.8	13.9	10.4	15.1	4.0	11.1	77	49	26	51	0	—	2	c, ck	1.7	11.65	6.4
26	9.0	13.0	8.4	10.3	14.6	6.4	8.2	50	53	73	59	5	c	10	cs	5.7	9.50	3.5
27	7.0	9.5	9.9	8.8	11.8	5.3	6.5	98	86	68	84	2	sc	10	sc	4.0	0.50	3.3
28	5.6	15.0	15.4	12.0	17.9	4.5	13.4	65	47	29	47	8	c	0	—	2.7	12.45	9.2
29	10.0	12.5	9.0	10.5	17.1	8.0	9.1	65	68	88	74	4	cs	10	sc, s	8.0	5.33	3.1
30	7.7	11.7	8.7	9.4	12.5	6.4	6.1	100	81	100	94	10	sc	10	sc	10.0	4.50	3.5
平均 Mean	6.3	11.2	7.8	8.4	13.7	3.9	9.7	69	51	63	61	5.5				5.9	252.41	148.7

* 重力ノ更正 Reduction to standard gravity..... - 0.4
海面へノ更正 Reduction to mean sea level..... + 7.3

鞍山
ANSHAN.

昭和七年四月

APRIL, 1932.

日	氣 壓 * (耗) AIR PRESSURE. (mm) (700 mm +)				風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.								降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)				
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	二十四時 日平均 Mean for 24h.	5 ^h	13 ^h	21 ^h	二十四時 日平均 Mean for 24h.	21-5 ^h	5-13 ^h	13-21 ^h	總計 Total	
1	53.0	52.3	50.4	51.9	SSW	4.1	SSW	8.2	SSW	7.6	5.2						
2	54.8	57.0	58.4	56.7	—	0.3	ESE	7.6	E	1.8	2.9						
3	55.7	56.9	58.3	57.0	E	1.2	NE	6.8	—	0.1	2.7						
4	56.3	54.2	55.8	55.4	—	0.0	SSW	2.5	WNW	5.8	2.8						
5	60.1	59.4	60.0	59.8	NE	8.8	NE	7.0	—	0.0	5.8	1.5				1.5	
6	59.1	54.8	54.5	56.1	SW	3.5	SW	8.8	SSW	7.0	5.9						
7	54.6	52.6	52.5	53.2	S	2.0	SW	5.8	SSW	3.8	3.6						
8	54.8	52.3	53.9	53.7	SW	1.2	SSW	1.8	SW	1.5	1.5						
9	60.6	64.0	65.1	63.2	NE	4.1	NE	6.4	E	3.5	4.4						
0	66.0	64.6	65.7	65.4	S	1.4	SW	2.3	SW	3.4	2.6						
1	62.5	60.1	57.3	60.0	SSW	1.7	SW	8.8	SSW	1.7	5.3	0.0	0.6			0.6	
2	57.3	58.1	57.9	57.8	SSW	1.8	ESE	5.8	—	0.0	3.4						
3	55.5	54.6	52.7	54.3	SSW	5.3	SW	7.9	SSW	4.6	5.0						
4	60.1	52.1	53.4	51.9	SW	5.1	W	2.8	—	0.0	3.4		0.0		1.3	1.3	
5	53.7	53.8	57.2	55.6	—	0.1	NE	4.7	—	0.0	1.8						
6	57.4	56.0	55.2	56.2	—	0.2	SSW	9.9	SSW	9.3	5.7						
7	52.7	52.5	54.6	53.3	SSW	8.8	S	6.8	SSW	3.8	6.4	0.0	17.1		8.0	25.1	
8	52.4	51.7	51.9	52.0	SSW	1.8	NW	5.8	WSW	3.8	3.2				1.2	1.2	
9	54.0	55.4	58.5	56.0	WNW	4.4	NNE	9.3	NE	4.1	4.9		0.3		0.6	0.9	
0	61.9	62.0	60.3	61.4	NNE	1.2	NE	2.9	—	0.0	1.5						
1	58.4	53.3	55.4	53.7	—	0.0	SSW	8.8	SSW	6.1	4.8						
2	55.2	55.2	56.5	55.6	SW	5.6	SW	8.2	SSW	1.5	5.3						
3	57.0	56.9	57.2	57.0	—	0.0	NNE	5.8	NE	6.1	3.7			0.0	0.0	0.0	
4	56.0	53.8	54.0	54.6	NE	7.5	NE	8.8	W	2.3	5.9	3.7	0.2		0.1	4.0	
5	54.4	53.9	54.9	54.4	SW	2.7	WSW	7.8	SW	9.3	6.6						
6	54.7	58.0	58.0	56.9	WSW	7.6	SW	8.8	SSW	2.9	7.3						
7	57.5	56.9	59.5	58.0	SSW	5.3	SW	5.2	ESE	1.8	4.8				1.8	1.8	
8	54.5	51.8	51.1	52.5	SW	2.2	SW	9.9	SW	5.3	5.9						
9	48.3	48.4	49.1	48.6	SSW	8.2	SW	11.1	SW	8.2	9.0						
0	49.9	49.3	49.7	49.6	SSW	4.1	SSW	9.9	S	5.3	6.4						
1	55.9	55.5	56.0	55.8		3.3		6.9		3.7	4.6	5.2	18.2	13.0	36.4		

日	氣 溫 (攝氏) AIR TEMPERATURE. (°C)						濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.					日 照 時 數 NO. OF HOURS WITH SUNSHINE.	蒸 發 量 (耗) AMOUNT OF EVAPORATION.		
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較 差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	平均 Mean				
1	7.8	20.7	16.4	15.0	22.0	6.5	15.5	29	20	22	24	0	—	—	0	—	0.0	11.40	9.8
2	2.7	15.1	6.8	8.2	17.1	0.9	16.2	74	24	45	48	3	—	—	10	—	4.3	8.20	5.4
3	3.2	14.5	6.2	8.0	15.2	0.4	14.8	49	21	35	35	10	—	—	2	—	4.9	7.80	5.8
4	98.4	16.2	8.7	7.8	17.7	97.9	19.8	49	17	53	40	0	—	—	7	—	5.7	8.40	8.0
5	99.6	6.0	0.4	2.0	8.8	98.3	10.5	59	21	48	43	5	—	—	0	—	1.7	10.90	6.2
6	1.0	15.3	8.3	8.2	16.4	98.9	17.5	53	19	40	37	0	—	—	0	—	0.0	10.30	7.2
7	3.4	17.3	8.1	9.6	18.2	1.8	16.4	53	22	45	40	7	—	—	7	—	4.7	9.50	6.6
8	4.6	17.9	9.3	10.6	18.8	1.4	17.4	59	20	52	43	5	—	—	10	—	5.0	10.50	7.2
9	4.4	8.0	2.4	4.9	9.5	1.6	7.9	37	17	27	27	10	—	—	0	—	3.3	9.20	5.8
0	99.4	11.2	5.6	5.4	11.8	97.5	14.3	40	24	27	32	10	—	—	10	—	6.7	3.40	7.1
1	6.2	11.5	6.0	7.9	12.9	4.4	8.5	66	40	65	57	10	—	—	10	—	6.7	3.60	6.9
2	1.5	11.5	4.8	5.9	12.1	0.8	11.3	71	18	29	39	1	—	—	2	—	1.0	11.10	6.5
3	4.7	17.3	11.1	11.0	18.5	0.2	18.3	30	23	33	29	0	—	—	0	—	2.7	11.50	10.9
4	11.0	10.5	5.2	8.9	13.9	4.7	9.2	33	56	86	58	9	—	—	10	—	9.7	0.00	1.8
5	1.8	11.5	5.3	6.2	13.3	0.6	12.7	50	30	40	40	0	—	—	5	—	1.7	11.80	6.7
6	4.0	17.1	12.3	11.1	18.5	0.5	18.0	45	20	38	34	0	—	—	10	—	3.3	6.30	10.3
7	11.5	6.2	4.6	7.4	13.6	4.1	9.5	44	78	96	73	10	—	—	10	—	10.0	0.00	2.5
8	2.0	9.1	5.6	5.6	10.0	1.5	8.5	86	48	71	70	2	—	—	10	—	5.7	4.00	3.1
9	3.4	7.6	7.0	6.0	9.6	2.4	7.2	86	70	72	76	10	—	—	10	—	9.3	0.00	3.1
0	4.0	13.3	8.9	8.7	14.4	3.2	11.2	86	54	75	72	10	—	—	8	—	7.0	8.40	4.9
1	4.8	20.6	14.2	13.2	21.7	3.8	17.9	86	29	44	53	3	—	—	10	—	6.7	11.20	10.6
2	12.5	19.0	10.7	14.1	19.7	10.4	9.3	51	40	66	52	10	—	—	5	—	5.0	8.20	6.0
3	5.6	10.6	3.8	6.7	13.3	3.4	9.9	88	72	96	85	10	—	—	10	—	10.0	0.50	3.9
4	2.2	10.1	5.5	5.9	11.5	1.6	9.9	96	48	79	74	10	—	—	6	—	5.3	7.70	4.8
5	2.8	17.7	13.1	11.2	18.3	2.1	16.2	68	21	26	36	0	—	—	9	—	6.0	11.30	12.5
6	12.0	18.3	13.5	14.6	20.1	11.5	8.6	30	30	55	38	3	—	—	10	—	4.3	9.40	9.9
7	8.9	16.3	7.6	10.9	17.4	7.2	10.2	58	43	73	58	1	—	—	10	—	7.0	4.50	4.7
8	2.2	17.1	14.6	11.3	18.6	1.6	17.0	72	29	29	43	8	—	—	4	—	4.0	9.20	12.7
9	16.1	23.2	14.4	17.9	23.7	13.9	9.8	24	22	51	32	0	—	—	10	—	3.3	10.10	11.3
0	11.3	18.5	13.4	14.4	19.5	10.2	9.3	62	40	53	52	0	—	—	2	—	0.7	11.30	9.4
1	5.1	14.3	8.5	9.3	15.9	3.1	12.8	58	34	53	48	4.9	6.2	3.3	4.8	229.70	211.6		

* 重力ノ更正 Reduction to standard gravity..... - 0.3
海面へノ更正 Reduction to mean sea level..... + 3.6

昭和七年四月

鄭家屯 CHENGCHIATUN.

APRIL, 1932.

日 Day	氣 壓 * (耗) AIR PRESSURE. (mm) (700 mm +)				風ノ 方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.							降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)				總計 Total
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	二十四時 平均 Mean (for 24h.)	21-5 ^h	5-13 ^h	13-21 ^h	21-5 ^h	5-13 ^h	13-21 ^h		
1	45.2	42.4	46.6	44.7	S	1.7	WSW	11.5	—	0.0	4.8	—	—	—		
2	50.2	51.6	52.2	51.3	—	0.2	KNE	4.4	—	0.0	1.5	—	—	—		
3	50.9	51.2	51.1	51.1	—	0.1	N	6.0	—	0.2	2.5	—	—	—		
4	48.5	46.0	50.9	48.5	S	0.8	WSW	10.9	NNE	7.8	5.2	—	—	—		
5	54.7	53.7	50.9	53.1	N	2.7	N	4.4	WNW	2.3	4.6	—	—	—		
6	49.0	45.9	46.1	47.0	W	2.5	NNW	5.4	NW	1.2	4.0	—	—	—		
7	47.4	44.6	45.6	45.9	—	0.0	WSW	4.4	NNE	5.3	2.5	—	—	—		
8	48.5	46.6	46.6	47.9	NNE	3.3	ESE	3.1	ESE	4.7	5.9	—	—	—		
9	51.0	56.8	57.6	55.1	NNW	7.9	NNE	6.3	—	0.2	5.3	—	—	0.0		
10	57.3	57.7	56.4	57.1	WSW	2.3	NNW	2.3	SW	2.3	2.7	—	—	—		
11	54.1	50.9	47.0	50.7	SSW	3.7	WSW	8.8	WSW	7.7	6.2	—	—	—		
12	51.2	60.7	48.4	50.1	N	2.5	NNW	4.6	WSW	3.0	3.8	—	—	—		
13	48.0	47.0	45.0	46.7	NW	1.4	—	0.1	WSW	2.0	1.9	—	—	—		
14	42.0	44.6	45.9	44.2	S	2.7	NNE	5.7	NNE	1.5	3.1	—	—	0.0		
15	46.8	48.7	49.8	48.4	NNW	2.6	N	2.9	—	0.1	1.5	—	—	—		
16	48.8	47.0	46.8	47.5	SSW	0.5	SSW	10.4	SSW	6.5	5.3	—	—	—		
17	46.1	44.6	45.0	45.2	SSW	4.8	SSW	3.1	—	0.4	5.0	1.4	—	25.1		
18	43.3	42.3	44.5	43.4	SW	2.9	WSW	4.3	N	1.8	2.5	0.6	13.5	10.2		
19	45.9	48.8	50.9	48.5	NNE	7.3	NNE	8.1	NNE	2.3	5.7	0.5	0.9	0.1		
20	52.8	54.3	53.9	53.7	NNW	5.5	NNE	4.0	WSW	1.9	3.7	0.2	—	—		
21	50.2	49.3	49.2	49.6	S	2.7	SSW	6.9	SSW	3.5	4.0	—	—	—		
22	48.0	46.9	50.0	48.3	SSW	4.1	WSW	14.2	WNW	3.5	7.1	—	—	—		
23	53.1	54.3	54.2	53.9	NNE	4.0	ESE	1.4	—	0.0	3.5	2.5	5.3	0.0		
24	51.5	48.9	47.2	49.2	—	0.0	SW	1.3	—	0.0	1.0	—	—	—		
25	47.0	46.2	44.2	45.8	WNW	2.6	WSW	5.9	SSW	5.8	3.3	—	—	—		
26	45.1	49.4	50.2	48.2	SW	3.7	WNW	1.7	SSW	3.2	3.7	—	—	—		
27	47.5	49.4	51.8	49.6	SSW	5.4	NNW	6.8	NW	1.2	6.7	—	1.5	1.5		
28	47.2	43.7	42.2	44.4	SW	3.1	NW	4.0	SSW	2.4	3.1	—	—	—		
29	39.2	37.5	39.0	38.6	SSW	3.0	SW	13.8	SSW	9.0	8.5	—	—	—		
30	39.0	39.0	40.2	39.4	SSW	10.2	SW	15.0	SSW	8.3	11.5	—	—	—		
平均 Mean	48.3	48.0	48.3	48.2			3.1		6.1		2.9	4.2	5.2	21.2	10.3	36.7

日 Day	氣 溫 (攝氏) AIR TEMPERATURE. (°C)						濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日 照 時 數 NO. OF HOURS SUNSHINE.	蒸 發 量 (耗) AMOUNT OF EVAPORATION.					
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h			平均 Mean				
1	96.0	21.5	12.0	9.8	25.7	95.9	29.8	89	19	20	43	2	c, kc	0	0	0	0.7	10.68	11.4		
2	99.6	12.5	2.7	4.9	13.8	99.2	14.6	46	22	44	37	0	—	10	sc	0	—	3.3	9.93	5.1	
3	0.8	11.1	0.7	4.2	13.4	99.6	13.8	45	17	45	36	10	n	0	—	0	—	3.3	10.62	6.1	
4	96.3	16.3	4.2	5.6	17.1	90.7	26.4	78	19	13	37	0	—	8	n, kn	0	—	2.7	8.59	9.1	
5	95.5	4.6	1.8	0.6	7.8	95.2	12.6	64	34	32	43	0	—	0	—	0	—	0.0	11.32	6.1	
6	97.8	14.1	3.9	5.3	14.3	95.8	18.5	84	21	52	52	0	—	5	k	0	—	1.7	11.52	6.1	
7	96.8	14.2	6.6	5.9	16.6	96.3	20.3	92	22	33	49	0	—	3	c, ek	0	—	1.0	11.17	7.1	
8	96.7	8.7	4.6	3.3	11.4	96.3	15.1	86	21	58	55	0	—	8	sc, c	0	—	2.7	11.49	6.1	
9	99.3	2.6	96.5	99.5	5.2	96.3	8.0	83	76	89	83	7	n	10	n, kc	0	—	5.7	4.60	2.1	
10	96.7	9.9	2.8	3.1	11.9	94.6	17.3	94	20	77	64	0	—	0	—	0	—	0.0	11.99	5.1	
11	97.9	13.0	6.1	5.7	15.5	97.4	18.1	82	35	53	57	0	—	0	—	0	—	0.0	11.62	8.1	
12	97.9	8.9	3.9	3.6	10.7	96.8	13.9	87	18	71	59	0	—	0	—	0	—	0.0	11.05	6.1	
13	95.9	16.3	12.9	8.4	17.7	95.8	21.9	92	18	28	46	0	—	3	k, c	10	n	4.3	11.86	7.1	
14	2.8	9.3	5.7	5.9	13.2	1.8	11.4	78	52	67	66	10	n	10	n, kn	2	kc	7.3	6.15	4.1	
15	97.9	10.9	2.6	3.8	12.5	97.8	14.7	92	31	45	56	0	—	3	k	0	—	1.0	10.39	5.1	
16	98.9	17.7	10.9	9.2	18.2	98.3	19.9	85	20	61	55	0	—	9	c, n	0	—	3.0	8.10	11.1	
17	6.4	6.0	2.6	5.0	11.4	2.3	9.1	86	90	92	89	10	n	10	n	10	n	10.0	0.00	2.1	
18	0.7	7.3	3.2	3.7	7.7	0.3	7.4	96	54	87	79	0	—	10	n, kn	0	—	3.3	4.36	1.1	
19	2.4	5.7	6.2	4.8	6.7	2.3	4.4	94	74	78	81	10	n	10	n	10	n	10.0	0.00	2.1	
20	4.0	12.8	9.0	8.6	15.1	3.4	11.7	87	43	66	67	1	c	0	—	4	c	1.7	12.64	4.1	
21	5.3	15.2	10.1	10.2	17.4	5.0	12.4	85	51	72	69	8	c, sc	10	cs	0	—	6.0	11.95	5.1	
22	7.4	18.2	11.6	12.4	18.6	5.9	12.7	75	43	55	58	2	c	0	—	0	—	0.7	10.36	6.1	
23	3.7	4.5	3.7	4.0	12.3	2.7	9.6	93	86	84	88	10	n	10	n	10	n	10.0	0.00	1.1	
24	1.9	10.8	4.0	5.6	11.3	1.4	9.9	94	44	84	74	10	n	10	k, n	0	—	6.7	8.28	3.1	
25	1.8	16.6	5.8	8.1	18.0	0.9	17.1	68	29	85	61	0	—	3	c	0	—	1.0	10.70	6.1	
26	5.4	18.2	11.8	11.8	20.1	5.3	14.8	73	37	63	58	0	—	0	—	0	—	0.0	10.60	5.1	
27	8.1	5.2	2.8	5.4	12.4	2.8	9.6	71	80	65	72	10	n	10	n	0	—	6.7	1.23	3.1	
28	1.7	15.4	8.5	8.5	16.7	0.6	15.1	70	29	57	52	10	s, sc	0	—	0	—	3.3	9.88	6.1	
29	6.1	23.1	13.4	14.2	23.6	5.4	18.2	82	27	67	59	6	n, kc	0	—	0	—	2.0	9.31	14.1	
30	10.2	19.7	12.6	14.2	20.8	9.9	10.9	73	41	64	59	0	—	0	—	0	—	0.0	10.90	10.1	
平均 Mean	1.1	12.3	6.1	6.5	14.6	99.9	14.7	81	39	60	60	1.5		4.7				1.5	3.3	261.15	184.1

* 重力ノ更正 Reduction to standard gravity..... 0.1
海面へノ更正 Reduction to mean sea level..... + 10.7

洮南 TAONAN.

昭和七年四月

APRIL, 1932.

Table with columns for Day, Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Includes sub-columns for 5h, 13h, 21h, and Mean values.

Table with columns for Day, Air Temperature (°C), Relative Humidity (%), Cloud Amount and Forms,日照時數 (Hours of Sunshine), and 蒸發量 (Evaporation). Includes sub-columns for 5h, 13h, 21h, and Mean values.

* 重力ノ更正 Reduction to standard gravity..... - 0.0
海面へノ更正 Reduction to mean sea level..... + 13.9

哈爾濱 HARBIN.

昭和七年四月

APRIL, 1932.

Table with columns: 日 (Day), 氣壓 * (耗) AIR PRESSURE. (mm) (700 mm +), 風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND., 降水量 (耗) AMOUNT OF PRECIPITATION. (mm). Includes sub-columns for 5h, 13h, 21h, 平均 Mean, and 總計 Total.

Table with columns: 日 (Day), 氣溫 (攝氏) AIR TEMPERATURE. (°C), 濕度 (百分率) REL. HUMIDITY. (%), 雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD., 日照時數 NO. OF SUNSHINE HOURS, 蒸發量 (耗) AMOUNT OF EVAPORATION. Includes sub-columns for 5h, 13h, 21h, 平均 Mean, 最高 Max., 最低 Min., 較差 Range.

* 重力ノ更正 Reduction to standard gravity.....+ 0.1 海面へノ更正 Reduction to mean sea level.....+ 13.4

昭和七年四月

齊々哈爾 TSITSIHAR.

APRIL, 1932.

日 Day	氣 壓 * (耗) AIR PRESSURE (mm) (700 mm +)				風ノ方向及速度 (米秒) DIRECTION AND VELOCITY (m/sec) OF WIND.							降 水 量 (耗) AMOUNT OF PRECIPITATION (mm)				
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	二十四時 間平均 Mean for 24h	21-5 ^h	5-13 ^h	13-21 ^h	總計 Total				
1	36.3	33.6	40.9	36.9	SSW	1.9	NNW	14.2	NNW	2.9	6.2	—	—	—		
2	45.7	45.8	48.5	46.7	—	0.0	NNW	5.5	—	0.0	4.0	—	—	—		
3	47.6	45.0	45.2	45.9	NNW	2.4	SW	3.3	NW	3.8	2.4	—	—	—		
4	41.0	39.7	45.0	41.9	WSW	1.4	N	10.5	N	4.6	5.3	—	—	—		
5	47.9	44.3	43.3	45.2	—	0.0	NW	8.4	W	1.4	4.9	0.1	—	0.1		
6	38.5	40.7	43.0	40.7	WSW	5.5	NNW	6.7	W	3.5	4.1	—	—	—		
7	43.9	42.3	43.7	43.3	—	0.0	SSE	0.5	NW	7.0	2.0	—	—	—		
8	45.9	44.9	44.5	45.1	—	0.0	NE	2.9	NNE	3.5	2.4	—	—	—		
9	48.6	50.3	50.2	49.7	NW	5.1	WSW	5.9	WSW	3.7	4.5	0.4	—	0.4		
10	51.6	49.0	48.0	49.8	—	0.0	WSW	6.4	SSE	1.2	3.2	—	—	—		
11	43.3	38.7	43.5	41.8	—	0.0	—	—	WNW	14.2	6.4	—	—	—		
12	43.6	42.8	44.1	43.5	SW	4.8	WNW	6.7	W	5.0	5.9	—	—	—		
13	42.6	41.8	41.7	42.0	WSW	1.8	SE	2.3	ENE	2.1	1.7	—	—	—		
14	40.9	41.2	42.5	41.5	NE	4.2	WNW	5.5	N	5.6	3.5	0.1	0.0	0.1		
15	43.5	43.3	43.4	43.4	NW	2.4	ENE	0.6	E	4.7	2.7	—	—	—		
16	42.3	40.9	40.2	41.1	ESE	9.5	ESE	13.8	ENE	6.7	7.5	—	—	—		
17	40.7	39.7	38.5	39.0	E	8.8	SE	8.7	E	6.2	1.7	0.0	3.3	7.7		
18	40.1	40.6	43.6	41.4	—	0.0	NW	2.3	WNW	4.2	2.6	0.0	0.0	3.4		
19	44.6	46.0	48.6	46.4	WNW	5.7	WNW	7.8	W	5.0	5.5	0.3	—	0.3		
20	50.3	48.6	47.4	48.8	—	0.0	WNW	4.2	NE	3.3	2.0	—	—	—		
21	45.6	44.6	45.0	45.1	ESE	1.5	SSE	2.3	ESE	4.3	2.3	—	—	—		
22	44.0	43.9	47.4	45.1	—	0.0	NW	12.6	W	4.0	5.6	—	0.1	0.1		
23	50.1	50.2	48.5	49.6	NNE	4.5	SSW	0.8	SE	1.6	2.4	—	—	—		
24	45.2	42.4	41.2	42.9	WNW	2.9	W	7.5	SE	1.6	3.7	—	—	—		
25	39.7	39.8	40.2	39.9	S	1.9	W	1.8	NE	4.0	2.2	—	—	—		
26	40.8	43.0	45.4	43.1	WSW	0.5	WSW	12.5	WSW	3.5	5.7	—	—	—		
27	43.5	39.7	39.8	41.0	W	1.4	WNW	7.7	WSW	8.6	5.7	—	2.3	5.2		
28	38.5	36.7	35.1	36.8	—	0.0	SW	4.4	ESE	2.5	3.4	—	—	—		
29	31.5	26.9	29.0	29.1	ESE	8.9	SE	7.4	N	2.3	3.9	—	—	—		
30	30.2	27.4	29.8	29.1	E	3.0	SSE	6.0	SSE	6.8	6.1	—	—	—		
平均	43.9	41.8	42.8	42.5		2.6		6.3		4.3	4.0	0.9	5.6	10.8	17.3	

日 Day	氣 溫 (攝氏) AIR TEMPERATURE (°C)							濕 度 (百分率) REL. HUMIDITY (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日 照 時 數 NO. OF HOURS WITH SUNSHINE.	蒸 發 量 (耗) AMOUNT OF EVAPORATION.				
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	平均 Mean						
1	98.0	16.9	1.2	5.4	18.8	96.8	22.0	82	14	53	50	0	—	10	sc	1	ek	3.7	11.50	7.8	
2	96.8	11.1	98.5	2.1	12.4	96.3	16.1	71	16	64	50	0	—	0	—	0	—	0.0	11.70	5.2	
3	93.1	9.4	99.4	0.6	10.9	93.1	17.8	84	20	56	53	0	—	4	c, k	3	—	1.3	9.70	4.3	
4	95.3	6.7	97.5	99.8	7.8	95.2	12.6	88	41	42	57	10	ek	6	kc	0	—	5.3	8.80	5.0	
5	91.9	4.0	97.1	97.7	6.1	91.1	15.0	70	15	53	46	0	—	6	k, c	1	c	2.3	11.80	5.2	
6	0.7	3.0	98.5	0.7	6.0	96.2	9.8	73	44	44	54	10	kc	3	ek	0	—	4.3	9.60	3.3	
7	93.4	2.7	98.1	98.1	5.1	93.4	11.7	97	44	41	61	8	—	3	c, k	3	—	4.7	9.20	3.8	
8	95.5	2.6	97.5	98.6	3.4	91.8	11.6	75	22	97	65	0	—	10	sc	10	kn	6.7	7.40	1.6	
9	93.1	2.5	96.1	97.2	4.4	91.2	13.2	82	21	49	51	2	ek	1	k	0	—	1.0	3.80	5.0	
10	91.4	7.2	0.0	99.5	10.0	91.2	18.8	80	12	68	53	0	—	0	—	0	—	0.0	11.90	5.7	
11	98.1	14.2	99.9	4.1	15.2	98.1	17.1	70	16	32	39	2	—	7	c	0	—	2.0	9.70	6.9	
12	94.0	6.8	97.5	99.4	8.2	93.6	14.6	43	26	42	37	0	—	0	—	0	—	0.0	11.60	4.5	
13	94.5	6.7	2.1	1.3	8.8	93.8	15.0	74	41	62	59	8	—	8	sk	2	ek	6.0	8.20	4.6	
14	1.3	5.5	99.7	2.2	9.4	98.4	11.0	44	47	55	49	10	kn	10	n	0	—	6.7	5.20	3.8	
15	8.5	8.5	4.5	7.2	10.3	94.5	15.8	94	36	49	60	0	∞	4	k	10	sc	4.7	2.99	7.9	
16	3.9	14.5	11.0	9.8	15.9	2.9	13.0	52	28	33	38	10	kn	10	ek	10	sk	10.0	0.00	7.0	
17	7.6	5.1	4.9	5.9	11.7	4.0	7.7	76	95	98	90	10	kn	10	n	10	sk	10.0	0.00	1.8	
18	1.5	4.5	3.1	3.4	5.6	0.1	5.5	98	86	96	93	10	kn	10	n	10	sk	10.0	6.45	2.3	
19	2.0	8.5	4.3	4.9	10.0	1.6	8.4	98	77	78	84	10	sk	8	sk	6	sk	8.0	8.80	4.9	
20	1.2	13.5	7.0	7.2	16.2	0.1	16.1	82	37	81	67	0	—	0	—	0	—	0.0	12.60	5.1	
21	3.4	17.1	10.6	3.7	18.6	2.4	16.2	89	34	74	66	10	sk	2	ek	10	sk	7.3	10.34	4.9	
22	2.9	3.7	1.5	2.7	11.3	1.5	9.8	82	93	98	91	10	sk	10	kn	10	sk	10.0	0.00	2.5	
23	0.6	6.3	2.6	3.2	7.1	98.5	8.6	60	26	69	59	5	sk	10	sk	10	sk	8.3	5.94	4.8	
24	0.2	9.5	4.0	4.6	11.0	99.0	12.0	45	20	51	39	0	—	8	sk	0	—	2.7	11.70	4.6	
25	99.4	14.0	9.5	7.6	16.5	98.3	18.2	85	23	42	50	0	—	1	k	4	s	1.7	11.70	7.6	
26	4.2	15.0	7.3	8.8	15.9	3.0	12.9	72	19	22	38	0	—	1	ek	10	sk	3.7	10.40	5.0	
27	6.6	2.8	2.6	4.0	7.9	2.0	5.9	45	98	47	63	10	sk	10	n	10	sk	10.0	0.00	5.1	
28	0.9	11.6	5.5	6.0	13.6	99.4	14.2	62	14	69	48	3	—	3	sk	0	—	2.0	11.10	7.1	
29	2.3	21.5	14.1	12.6	26.0	1.2	24.8	81	23	65	50	10	sk	7	sk	0	—	5.7	12.00	8.0	
30	6.9	21.5	15.6	14.7	22.5	6.5	16.0	59	36	58	51	10	sk	10	sk	10	sk	10.0	9.60	8.9	
平均	99.6	9.2	3.1	3.7	11.6	97.8	13.7	74	37	59	57	4.9		5.7				4.2	5.0	243.72	154.2

* 重力ノ更正 Reduction to standard gravity.....+ 0.1
海面ノ更正 Reduction to mean sea level.....+ 18.8

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昭和七年五月

滿 洲 氣 象 表

REPORT

OF THE

METEOROLOGICAL OBSERVATIONS

MADE AT THE

METEOROLOGICAL STATIONS

IN

MANCHURIA.

MAY, 1932.

PUBLISHED BY THE METEOROLOGICAL OBSERVATORY, DAIREN.

凡 例

本編ハ昭和七年五月中滿洲各觀測所ニ於ケル氣象觀測ノ成績ヲ示スモノニシテ其ノ觀測ノ時刻方法等ハ日本各測候所ト全ク同一ノ式ニ據ル今其要點ヲ擧グレバ

觀測時ハ日本西部標準時即チ東經百二十度ノ地ノ平時ニ據リ夜半ヲ日界トスル二十四時間制ヲ用フ但シ日照時數ハ眞太陽時ニ據ル

氣壓ハ耗ヲ以テ示シ晴雨計示度ニ施スニ單ニ溫度ノ更正ノミヲ以テシ海面上高サノ更正及重力ノ更正ハ施サズ

溫度ハ攝氏ノ度ニ據ル但シ氷點以下ノ度ハ負數ヲ用ヒズ百ヨリ其度ヲ減ジ其餘數ヲ以テ之ヲ示ス即チ氷點以下一度ハ九十九度氷點以下五度ハ九十五度ト記スルガ如シ

或ル觀測時ニ於ケル風速ハ其觀測時前二十分間ノ平均風速ヲ以テ之ヲ示ス

平均雲量ニ未滿ナル日ヲ快晴トシ八以上ナル日ヲ曇天トス

風ノ速度一秒時間十米以上ヲ觀測シタル日ヲ暴風日トス

INTRODUCTION.

The present publication contains the results of the meteorological observations made at the meteorological stations in Manchuria for the month of May, 1932.

The instruments and the method of observation are the same as those at the meteorological stations in Japan. The followings are to be particularly noticed.

Hours of Observations.—The Western Standard Time of Japan (civil mean time of the meridian 120° E.) is adopted. For the measure of sunshine duration the apparent solar time is used.

Pressure.—The barometric readings in millimetres are reduced only to freezing point.

Temperature.—The degrees are given in Centigrade; those below zero are shown by adding 100, to avoid the minus sign; thus 99° for -1°, 95° for -5°, etc.

Velocity of the Wind.—As the velocity at any time is given the mean for the preceeding 20 minutes.

Clear and Cloudy Days.—The mean amount of cloud for a clear day is less than 2 exclusive, and for a cloudy day is more than 8 inclusive.

Days with Gales.—As such are counted the days on which the maximum velocity reaches or exceeds 10 metres per second.

現象記號

ILLUSTRATION OF SYMBOLS

(1) 萬國共通記號 *International symbols*

雨 ● Rain	霜 □ Hoar frost	日暈 ⊕ Solar halo
雪 ✱ Snow	露 ∼ Dew	日光環 ⊙ Solar corona
電雷 ⚡ Thunder storm	霧氷 ∨ Silver thaw	月暈 ⊕ Lunar halo
雷聲 T Thunder without lightning	雨水 ~ Glazed frost	月光環 ⊕ Lunar corona
電光 < Lightning without thunder	吹雪 + Snow drift	虹 ∩ Rainbow
霰 △ Graupel	細氷 ← Ice crystals	極光 ⚡ Aurora
雹 ▲ Hail	積雪 ⊠ Snow lying	煙霧 ∞ Haze
霧 ≡ Mist, fog	暴風 ⚡ Gale	黃道光 ▲ Zodiacal light

(2) 其他ノ記號 *Other symbols*

凍雨 ⊖ Frozen rain	凍露 ⊖ Frozen dew	結氷 ⊖ Ice
霜柱 ⊖ Ice columns in ground	波狀雲 ∞ Undulated cloud	黃砂 ≡ Yellow dust
朝焼け ⊖ Red sky	海鳴 手 Oceanic noise	地震 ⊖ Earthquake
卷雲 C Cirrus	卷層雲 CS Cirro-stratus	卷積雲 CK Cirro-cumulus
層雲 S Stratus	高層雲 SC Alto-stratus	層積雲 SK Strato-cumulus
積雲 K Cumulus	高積雲 KC Alto-cumulus	積亂雲 KN Cumulo-nimbus
亂雲 N Nimbus		

(3) 現象ノ強サ *The intensity of the phenomena*

現象ノ強弱ヲ示ス爲ニ記號ノ右肩ニ 0. 1. 2. ノ數字ヲ記ス例ヘバ

The intensity of a phenomenon is shown by an index added to its symbol, thus:—

微雨 ●⁰ slight rain 中雨 ●¹ moderate rain 強雨 ●² heavy rain

地震震度階級 *Intensity of earthquakes*

微震 ⊖⁽¹⁾ slight 弱震(弱キ方) ⊖⁽²⁾ moderate 弱震 ⊖⁽³⁾ rather strong
 強震(強キ方) ⊖⁽⁴⁾ strong 強震 ⊖⁽⁵⁾ very strong 烈震 ⊖⁽⁶⁾ disastrous

昭和七年五月

大 連 DAIREN.

MAY, 1932.

Table with columns for Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Includes sub-headers for '風ノ方向及速度 (米/秒)' and '降 水 量 (耗)'. Rows represent days from 1 to 31.

Table with columns for Air Temperature (Celsius), Relative Humidity (%), Cloud Amount (0-10) and Cloud Form, and Evaporation (mm). Includes sub-headers for '氣 温 (攝氏)', '濕 度 (百分率)', '雲 量 (0-10) 及 雲 形', and '蒸 發 量 (耗)'. Rows represent days from 1 to 31.

* 重力ノ更正 Reduction to standard gravity..... 0.4
海面へノ更正 Reduction to mean sea level..... + 8.7

大 連

昭和七年五月

DAIREN.

MAY, 1932.

日 Day	水蒸氣ノ張力(耗) TENSION OF VAPOUR.(mm)							地面溫度(攝氏) EARTH TEMP. ON THE SURFACE.(°C)				地 中 溫 度 (攝氏) EARTH TEMPERATURE. (°C)										最低 溫度 (攝氏) MIN. TEMP. ON GRASS. (°C)	最高 溫度 (攝氏) MAX. TEMP. ON GRASS. (°C)
	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	平均 Mean	6 ^h	14 ^h	22 ^h	平均 Mean	0.05m	0.1m	0.2m	0.3m	0.5m	1.0m	2.0m	3.0m	4.0m	5.0m		
1	7.2	7.5	8.1	8.0	8.4	8.2	7.9	9.4	32.7	10.3	17.5	15.4	13.6	11.7	12.0	12.2	11.0	8.5	8.0	8.5	8.4	6.7	27.5
2	7.2	8.3	8.4	8.9	9.1	8.4	8.4	10.6	22.6	8.8	14.0	13.7	13.1	12.7	13.1	13.0	11.4	8.7	8.1	8.5	8.5	6.6	19.6
3	7.4	7.2	6.4	8.0	10.2	10.0	8.2	10.2	26.9	13.8	17.0	19.3	14.1	12.2	12.4	12.7	11.5	8.9	8.1	8.5	8.5	7.3	30.8
4	10.3	9.3	10.1	9.8	7.4	7.1	9.0	11.3	14.1	7.7	11.0	12.7	12.6	12.3	13.0	13.3	11.6	8.9	8.3	8.6	8.5	6.4	15.3
5	6.4	6.3	6.1	5.7	6.0	5.5	6.0	6.5	13.7	6.5	8.9	7.8	7.5	9.6	10.9	11.8	11.5	9.0	8.4	8.7	8.6	5.5	15.7
6	5.1	6.3	5.8	4.8	5.1	4.6	5.3	6.5	19.8	6.9	11.1	13.2	9.9	8.8	9.6	10.6	11.2	9.2	8.5	8.7	8.6	4.9	32.9
7	3.7	4.0	4.0	4.2	5.9	5.4	4.5	7.4	20.8	8.9	12.4	10.4	9.8	9.3	10.0	10.9	11.0	9.3	8.5	8.8	8.7	6.0	25.3
8	5.7	6.4	3.9	3.4	4.4	3.3	4.5	8.7	27.2	10.8	15.6	15.3	11.4	9.9	10.2	10.8	11.0	9.4	8.6	8.8	8.7	8.4	28.3
9	3.5	5.0	6.1	5.6	7.5	7.0	5.8	10.7	31.7	11.8	18.1	19.2	13.0	10.9	11.1	11.5	11.0	9.4	8.7	9.0	8.8	10.0	32.6
10	7.5	4.0	4.4	3.8	3.8	4.3	4.6	9.8	34.0	13.4	19.1	19.7	14.0	12.1	12.4	12.5	12.2	9.4	8.7	9.0	8.8	8.0	28.7
11	5.5	5.6	5.3	4.8	5.0	5.6	5.3	11.7	18.6	12.3	14.2	18.5	13.1	12.7	13.0	13.3	11.6	9.4	8.8	9.0	8.9	10.0	24.8
12	5.7	6.6	6.9	7.6	7.6	7.7	7.0	12.4	30.0	15.7	19.4	19.2	14.5	12.1	12.3	12.5	11.8	9.4	8.9	9.0	8.9	8.8	31.0
13	7.0	7.9	8.2	6.6	7.5	7.8	7.5	15.3	32.8	14.5	20.9	21.0	16.9	14.7	14.4	14.0	12.1	9.6	9.0	9.0	8.9	12.6	31.8
14	5.5	5.9	7.4	7.5	7.8	7.2	6.9	14.0	38.5	14.5	22.3	21.9	17.9	15.7	15.5	15.0	12.5	9.8	9.0	9.1	8.9	13.1	32.0
15	7.3	7.4	8.7	7.6	9.9	8.7	8.3	14.0	38.8	14.8	22.5	22.1	18.2	16.3	16.3	16.0	13.3	9.9	9.2	9.3	9.1	12.0	32.4
16	8.9	8.6	6.4	6.6	5.1	7.9	7.3	13.8	34.2	15.1	21.0	22.3	18.5	16.7	16.9	16.5	13.7	10.0	9.1	9.3	9.0	10.3	33.2
17	8.9	9.9	7.5	8.2	9.9	11.4	9.3	16.9	22.7	14.2	17.9	20.8	18.5	16.8	17.3	17.0	14.1	10.2	9.3	9.4	9.2	11.6	27.3
18	11.1	10.6	11.4	12.8	11.2	10.6	11.3	13.3	20.8	13.3	15.8	15.6	14.9	14.4	15.0	16.0	14.8	10.4	9.5	9.5	9.1	11.0	30.7
19	11.0	12.9	12.0	12.0	8.7	7.3	10.7	15.7	29.1	13.7	19.5	17.2	16.3	15.4	15.6	15.7	14.5	10.7	9.5	9.5	9.2	11.3	33.5
20	5.5	7.3	7.8	10.9	11.3	12.3	9.1	14.1	26.1	17.8	19.3	20.3	17.5	15.6	15.9	16.0	14.5	10.9	9.6	9.6	9.2	11.8	31.2
21	7.1	8.7	5.2	6.9	5.7	4.4	6.3	14.8	12.7	9.4	12.3	18.2	17.4	16.5	16.8	16.7	14.5	10.9	9.8	9.7	9.2	10.3	25.6
22	5.2	6.2	6.6	7.5	6.4	6.5	6.4	11.7	30.6	11.9	18.1	19.3	14.6	13.3	14.1	15.0	14.5	11.3	10.0	9.7	9.4	11.3	27.2
23	7.1	7.4	6.3	7.0	5.4	8.4	6.9	13.1	35.7	16.0	21.6	21.2	15.7	13.9	14.5	15.0	14.5	11.3	10.0	9.8	9.4	11.0	31.5
24	8.6	10.8	11.7	12.2	11.9	12.4	11.3	16.8	34.3	17.7	22.9	22.0	17.7	16.0	15.9	15.7	14.5	11.4	10.0	10.0	9.4	14.9	34.0
25	10.3	10.6	9.1	8.1	7.2	6.9	8.7	14.0	14.8	10.2	13.0	13.3	15.1	16.3	16.7	18.5	14.5	11.4	10.2	10.0	9.4	11.0	29.0
26	6.4	7.0	6.6	6.7	7.3	6.2	6.7	11.2	19.2	10.5	13.6	17.1	14.1	12.9	13.6	14.7	14.7	11.5	10.3	10.1	9.5	9.1	26.9
27	5.3	7.4	6.6	7.3	6.9	5.4	6.5	12.2	22.7	11.0	15.3	18.7	15.0	13.4	14.0	14.7	14.5	11.6	10.4	10.1	9.5	11.0	28.2
28	6.4	6.3	6.2	7.1	7.2	7.6	6.8	12.5	33.1	13.9	19.8	21.0	16.0	14.0	14.5	15.0	14.4	11.8	10.5	10.2	9.6	10.2	33.3
29	6.1	6.3	6.8	7.9	6.8	8.0	7.0	14.7	37.0	16.6	22.8	23.3	17.3	15.3	15.5	15.7	14.5	11.9	10.5	10.3	9.6	12.6	33.4
30	7.2	8.3	7.5	8.8	7.9	9.1	8.1	17.7	39.7	16.7	24.7	24.6	19.3	17.0	16.8	16.5	14.8	12.3	10.6	10.5	9.7	15.9	34.7
31	8.3	9.6	8.9	9.8	7.4	8.5	8.8	15.8	37.3	15.6	22.9	22.4	18.7	17.4	17.6	17.4	15.2	11.9	10.7	10.5	9.8	12.7	31.3
平均 Mean	7.0	7.6	7.3	7.6	7.5	7.5	7.4	12.5	27.5	12.7	17.6	18.3	15.0	13.7	14.1	14.3	13.1	10.3	9.3	9.4	9.1	10.1	28.4

記 事
REMARKS.

1		- 2 - 17h 20 - 8h 00 - 9h 40. 17h 20 - 17h 50. 23h 40 -	
2		- 3 - 10h 30 - 11h 30 - 12h 40 - 2h 00 - 14h 30 - 10h 40 - 13h 25 - 16h 46 - 16h 55.	
3		16h 34 - 16h 45. 17h 30 - 17h 50 - 19h 06 - 20h 40.	
4		0h 20 - 1h 30. 6h 30 - 10h 25. 21h 10 - 23h 05. 7h 05 - 17h 30 - 9h 20 - 11h 40 - 10h 47 - 13h 30 - 13h 50 - 16h 00.	19h - 5.16-20.24h - 17.24h.
5	τ ¹ p.		
6	τ ⁰ ⊕a.		
7		20h 12 - 20h 20.	
8	τ ¹ p.		
9			
10			1.4h. 22h.
11	ma. τ ¹ p.		
12			21h -
13	⊕p.		- 1.5. 23h -
14			- 2.6h.
15	⊖ ¹ p.		1-4h.
16	ma. ⊕ ⁰ ⊖ ⁰ p.		
17	τ ⁰ a.m.p.	15h 46 - 16h 55. 17h 09 - 18h 20 - 23h 12 -	21.2h -
18		2h 11h 37 - 1h 52 - 2h 45 - 16h 46 - 28h 00 - 10h 08 - 10h 15 - 10h 40 - 11h 45 - 14h 20.	- 2h.
19		4h 20 - 9h 35. 8h 10 - 8h 35. 16h 50 - 18h 00 - 14h 45 - 18h 00. 18h 20 - 21h 40.	5h.
20		- 10 -	15.19-22.24h -
21	τ ⁰ p.	- 12h 20. 12h 42 - 13h 20 - 13h 40 - 14h 20.	- 2.16h.
22			
23			
24	⊕p.	9h 00 - 18h 50. 20h 58.	8.10-12.17h -
25	τ ² p.	0h 20 - 1h 45. 7h 30 - 18h 05 - 10h 35 - 11h 51 - 11h 20 - 12h 05. 12h 50 - 13h 25. 15h 16 - 15h 22.	- 2.4. 8.13.15-19h - 9-13.16h.
26			
27	∞ ⁰ a. ⊕ ² ap. τ ² p.		
28			
29			21-22h.
30			1-2. 20-24h.
31			2.5-6. 9. 21h -

營口

昭和七年五月

YINGKOW.

MAY, 1932.

Table with columns for Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Includes sub-headers for 'AIR PRESSURE * (耗)', '風ノ方向及速度 (米秒)', and '降水量 (耗)'. Rows represent days from 1 to 31, with a summary row at the bottom.

Table with columns for Air Temperature (Celsius), Relative Humidity (%), Cloud Amount (0-10) and Forms of Cloud, and Amount of Evaporation. Includes sub-headers for '氣溫 (攝氏)', '濕度 (百分率)', '雲量 (0-10) 及雲形', and '蒸發量 (耗)'. Rows represent days from 1 to 31, with a summary row at the bottom.

* 重力ノ更正 Reduction to standard gravity..... - 0.3
海面ノ更正 Reduction to mean sea level..... + 0.3

奉天 FENG-TIEN.

昭和七年五月

MAY, 1932.

Table with columns for Day, Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Includes sub-columns for hourly and 24-hour averages.

Table with columns for Day, Air Temperature (°C), Relative Humidity (%), Cloud Amount and Forms, and Sunshine. Includes sub-columns for hourly and 24-hour averages.

* 重力ノ更正 Reduction to standard gravity..... 0.2
** 海面ノ高度 Reduction to mean sea level..... 4.0

長 春

昭和七年五月

CHANGCHUN.

MAY, 1932.

Table with columns for Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Rows include daily data from 1st to 31st and monthly averages.

Table with columns for Air Temperature (°C), Relative Humidity (%), Cloud Amount and Forms, and Evaporation. Rows include daily data from 1st to 31st and monthly averages.

* 重力ノ更正 Reduction to standard gravity..... - 0.1
海面ノ更正 Reduction to mean sea level..... + 19.1

昭和七年五月

旅 順

RYOJUN.

MAY, 1932.

日 Day	氣 壓 * (耗) AIR PRESSURE. (mm.) (700 mm +)				風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.							降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)				
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	二十四 時平均 Mean for 24h	21-5 ^h	5-13 ^h	13-21 ^h	總計 Total				
1	48.2	50.0	51.5	49.9	SE	5.6	SE	2.6	SE	6.0	6.5	—	—	—	—	
2	53.0	54.7	54.8	54.2	SE	5.4	SE	7.2	SE	6.2	6.0	—	—	—	—	
3	54.3	53.8	50.6	52.9	ENE	6.7	SE	7.4	SE	14.8	10.2	—	—	—	0.0	
4	47.9	48.4	51.1	49.1	SSE	5.1	NE	4.4	NE	7.0	7.9	—	—	—	—	
5	51.1	53.2	56.4	53.6	NNW	13.2	NNW	14.4	NW	1.7	10.0	41.5	1.4	0.2	43.1	
6	59.1	59.7	57.9	58.9	NNW	1.8	NNW	3.9	WNW	0.5	3.6	0.3	—	—	—	
7	55.5	53.1	50.9	53.2	SSW	2.3	S	5.4	WSW	2.6	3.8	—	—	—	—	
8	50.1	51.6	51.2	51.0	WNW	7.6	WNW	11.0	S	4.0	7.3	—	—	—	—	
9	50.3	51.1	54.1	51.8	W	7.5	W	12.7	E	1.6	7.5	—	—	—	—	
10	57.8	58.5	58.0	58.1	E	3.2	SSE	5.0	SE	4.3	3.8	—	—	—	—	
11	56.1	55.8	55.0	55.6	SSE	2.6	SSE	4.9	S	1.1	3.4	—	—	—	—	
12	54.7	52.9	51.5	53.0	WNW	2.7	W	13.0	W	10.4	8.5	—	—	—	—	
13	51.3	50.3	50.3	50.6	W	6.6	W	7.8	S	1.8	6.7	—	—	—	—	
14	50.5	52.0	52.4	51.6	WSW	4.9	S	2.9	SSE	2.8	4.1	—	—	—	—	
15	53.2	55.5	56.4	55.0	SSE	2.0	SSE	5.8	SSE	3.2	3.9	—	—	—	—	
16	57.5	58.2	58.0	57.9	ESE	1.9	SE	8.5	SE	7.2	5.2	—	—	—	—	
17	56.2	54.8	51.3	54.1	SE	6.1	SE	7.4	SE	12.2	9.0	—	—	—	—	
18	46.9	48.0	47.5	47.5	SSE	1.3	W	5.1	W	3.4	4.0	31.7	0.4	18.7	18.7	
19	46.0	44.6	46.4	45.7	S	3.7	WNW	10.0	SSE	1.6	4.4	—	0.0	—	32.1	
20	47.1	44.1	40.7	44.0	SSE	0.9	SSE	6.4	WSW	9.6	4.3	—	—	—	0.0	
21	42.9	45.2	44.4	44.2	NW	8.0	WNW	11.5	WNW	9.2	8.0	0.2	0.1	0.7	1.0	
22	43.7	45.9	46.7	45.4	WNW	7.2	N	4.9	—	0.4	4.2	—	—	—	—	
23	45.2	42.7	39.1	42.3	S	2.8	SW	7.8	SE	8.0	5.3	—	—	—	—	
24	36.8	35.9	37.4	36.7	SE	5.1	SE	4.4	NNE	8.5	5.2	—	—	0.1	0.1	
25	35.7	37.9	43.2	38.9	WNW	6.3	W	14.8	NNW	2.4	8.2	1.0	17.4	—	18.4	
26	47.0	49.2	50.5	48.9	WNW	5.8	W	8.1	W	4.6	5.8	—	—	—	—	
27	50.6	51.1	51.3	51.0	W	2.2	ENE	3.6	—	0.1	2.8	—	—	—	—	
28	50.8	49.5	51.2	50.5	WNW	1.6	W	9.9	—	0.1	5.0	—	—	—	—	
29	52.1	52.5	51.1	51.9	SSE	1.9	S	5.7	SSE	2.8	3.8	—	—	—	—	
30	52.4	52.9	52.6	52.6	W	7.4	SW	7.4	SW	10.9	6.8	—	—	—	—	
31	52.7	52.3	52.0	52.3	S	4.0	SSW	4.0	S	4.1	3.7	—	—	—	—	
平均 Mean	50.2	50.5	50.5	50.4		4.6		7.4		4.9	5.6	74.7	19.3	19.7	113.7	

日 Day	氣 溫 (攝氏) AIR TEMPERATURE. (°C)							濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日 照 時 數 NO. OF HOURS WITH SUNSHINE	蒸 發 量 (耗) AMOUNT OF EVAPORATION (mm)
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	平均 Mean		
1	8.8	15.5	9.8	11.4	16.2	7.0	9.2	100	69	91	87	10	—	—	3.3	11.45	4.3
2	9.7	11.9	12.0	11.2	12.9	6.7	6.2	99	85	82	89	10	—	—	6.7	1.95	4.9
3	13.3	15.6	12.8	13.9	17.6	10.6	7.0	57	60	97	71	2	c	s	7.3	2.88	3.2
4	10.6	8.0	6.1	8.2	13.0	5.3	7.7	100	98	97	98	10	—	—	10.0	0.00	2.3
5	6.0	9.8	8.2	8.0	11.5	4.9	6.6	87	64	82	78	10	—	—	3.3	9.55	6.5
6	7.0	15.9	8.3	10.4	15.9	6.0	9.9	81	46	78	68	7	c	c	3.0	12.03	5.0
7	7.0	12.1	9.3	9.5	15.1	5.9	9.2	81	58	71	70	10	cs	ck	10.0	2.87	5.3
8	9.7	18.7	11.0	13.1	19.8	7.7	12.1	83	28	53	58	3	c	cs	0	11.78	8.4
9	12.4	20.0	11.8	14.7	20.1	10.3	9.8	59	38	80	59	10	—	—	3.0	12.50	8.1
10	12.4	15.6	11.7	13.2	17.2	11.1	6.1	41	48	66	52	0	—	—	5.0	12.63	5.6
11	11.5	12.4	12.0	12.0	16.7	9.0	7.7	64	62	70	65	10	sc	—	7.7	0.88	3.5
12	10.0	17.4	18.6	15.3	18.9	8.8	10.1	91	63	60	71	7	sc	ck	3.0	13.25	7.8
13	14.6	24.6	15.2	17.2	25.5	12.5	13.0	81	39	90	70	9	sc	ck	10	9.7	7.6
14	15.6	20.0	14.3	16.6	23.4	12.5	10.9	50	58	70	59	10	—	—	3.3	12.93	6.8
15	10.5	17.8	14.2	14.2	17.9	10.2	7.7	86	66	83	78	0	—	—	5.7	12.20	6.5
16	12.6	19.7	15.0	15.8	19.9	11.2	8.7	84	45	72	67	10	cs	ck	10.0	11.68	7.9
17	12.8	15.8	13.2	13.9	17.7	12.3	5.4	92	76	100	89	8	ck	c	9.3	5.45	2.5
18	12.1	13.3	14.3	13.2	15.0	11.2	3.8	99	100	97	99	10	—	—	7.7	0.52	1.5
19	15.6	18.3	17.7	17.0	24.2	12.1	12.1	89	68	52	70	10	—	—	6.7	8.62	5.9
20	19.4	18.2	27.0	21.5	27.0	15.7	11.3	36	65	48	50	0	—	—	1.7	12.60	8.3
21	18.3	12.5	10.2	13.7	27.4	10.2	17.2	33	61	78	57	10	—	—	6.7	7.25	5.6
22	12.1	19.0	14.4	15.2	20.3	10.1	10.2	64	50	63	59	0	—	—	1.0	13.88	7.3
23	11.6	25.3	14.4	17.1	25.7	11.3	14.4	74	33	83	63	8	c	ck	3.3	13.55	8.2
24	14.3	20.5	13.3	16.0	22.5	13.3	9.2	85	71	99	86	9	cs	c	9.7	11.03	3.7
25	11.4	12.2	12.5	12.0	18.9	9.6	7.3	100	73	76	83	10	—	—	6.7	1.43	5.0
26	11.3	16.8	13.9	14.0	18.2	9.9	8.3	77	60	59	65	8	ck	—	9.3	9.28	5.2
27	13.6	21.6	16.4	17.2	21.6	12.5	9.1	56	41	43	47	1	ck	c	3.7	9.90	5.8
28	12.2	18.0	18.5	16.2	18.5	11.9	6.6	68	70	41	60	0	—	—	0.0	14.20	7.7
29	16.8	24.6	16.8	19.4	25.5	14.2	11.3	40	40	69	54	0	—	—	0.0	13.78	9.8
30	17.7	26.4	19.0	21.0	27.4	15.5	11.9	63	34	55	51	1	e	—	1.0	13.90	8.3
31	13.5	19.9	14.6	16.0	20.7	12.9	7.8	82	67	83	77	10	cs	—	3.3	12.01	5.6
平均 Mean	12.4	17.3	13.7	14.5	19.7	10.4	9.3	75	59	74	69	6.5	5.7	3.6	5.3	288.08	183.1

* 重力ノ更正 Reduction to standard gravity..... 0.4

海面ノ更正 Reduction to mean sea level..... 7.1

鞍山 ANSHAN.

昭和七年五月

MAY, 1932.

Table with columns for Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Includes sub-columns for 5h, 13h, 21h, and Mean values.

Table with columns for Air Temperature (°C), Relative Humidity (%), Amount and Forms of Cloud, and Evaporation (mm). Includes sub-columns for 5h, 13h, 21h, and Mean values.

* 重力ノ更正 Reduction to standard gravity..... 0.3
* 海面ノ修正 Reduction to mean sea level..... 3.5

鄭家屯

CHENGCHIATUN.

昭和七年五月

MAY, 1932.

日 Day	氣 壓 * (耗) AIR PRESSURE. (mm) (700 mm +)				風 / 方向 及 速度 (米秒) DIRECTION AND VELOCITY (m/sec) OF WIND.								降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)				
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h		13 ^h		21 ^h		二十四時 前平均 Mean for 24h.	21-5 ^h	5-13 ^h	13-21 ^h	總計 Total		
1	41.9	43.3	47.0	44.1	SW	8.3	SW	11.5	WNW	8.9	10.1						
2	52.5	54.7	55.7	54.3	NE	4.2	ENE	8.9	NE	6.3	6.9						
3	57.4	55.8	55.0	56.1	NNE	6.2	ENE	10.7	NE	6.1	6.4						
4	54.5	53.1	53.1	53.6	NE	8.9	NE	10.2	NE	6.4	8.5	0.0	4.2	3.7	7.9		
5	50.7	50.9	53.6	51.7	NE	7.1	NE	9.5		0.0	6.7	0.3			0.3		
6	55.8	55.9	53.2	55.0		0.0	WSW	4.4	WSW	3.8	2.3						
7	51.0	43.8	49.9	45.2	SSW	3.2	SW	15.0	WSW	12.0	8.5			1.8	1.8		
8	41.7	44.9	43.3	43.3	NNW	4.3	N	7.3	SSW	4.2	6.8						
9	45.0	47.7	51.9	48.2	NNW	2.7	NNW	6.2	NNW	4.0	4.9						
10	53.9	52.2	50.1	52.1	WSW	1.6	WSW	9.5	SSW	3.7	4.6						
11	48.6	46.5	47.3	47.5	SSW	6.0	WSW	12.6	WSW	8.2	9.5						
12	47.5	44.8	45.2	45.8	WSW	4.2	WNW	8.7	E	0.6	5.7	1.5			1.5		
13	46.3	45.0	44.3	45.2	ESE	1.1	SW	3.3	SSW	4.7	2.2						
14	44.1	44.6	46.1	44.9	SSW	2.5	WSW	8.2	SSW	6.6	5.0						
15	47.6	50.5	52.2	50.1	SW	7.4	WSW	6.8	SW	3.9	6.0						
16	53.4	52.9	55.0	53.8	SSW	5.1	SW	9.9	SW	0.6	6.1						
17	51.4	52.6	50.8	52.6	SSW	2.9	WSW	9.5	SW	1.5	5.5						
18	47.8	43.0	42.8	44.5		0.0	SSW	6.4	SSW	5.5	4.0	1.7	16.2	1.7	10.6		
19	41.3	40.1	40.1	40.5	SSW	5.3	SSW	4.5	WSW	3.8	5.3						
20	41.0	40.1	37.0	39.4	WNW	1.8	SSW	1.4	NE	1.5	2.4						
21	37.5	36.1	37.2	36.9	W	1.3	WNW	6.1	NW	5.4	4.1						
22	39.8	41.0	38.4	39.7	NNE	5.4	NNE	7.6	ESE	3.9	4.0	1.0		0.4	1.4		
23	40.7	38.1	37.1	38.6	ESE	0.5	SW	3.1	ESE	0.9	2.6			0.2	0.2		
24	35.0	36.5	34.3	36.6	SSE	2.4	NNW	2.9		0.0	1.6		4.6	1.7	6.3		
25	34.6	30.4	33.3	32.8	NNE	3.4	NNE	14.3	NNE	10.4	7.9	7.3	21.1	24.9	53.3		
26	40.0	43.1	44.7	42.6	N	8.0	NNW	2.6		0.0	4.8	3.7	1.0		4.7		
27	45.8	46.1	45.9	45.9		0.0	N	3.6		0.0	0.7						
28	45.9	47.5	48.1	47.2		0.3	NE	2.1		0.1	0.5						
29	48.1	46.1	44.3	46.2		0.2	WSW	6.1	SW	7.4	3.9						
30	43.7	47.3	47.2	46.1	SW	6.1	NW	2.2	SW	3.5	5.0						
31	44.5	46.0	47.4	46.0	SSW	8.3	WNW	7.7	SW	4.3	7.3	0.1			0.1		
平均 Mean	46.2	45.8	46.0	46.0		3.8		7.2		4.1	5.2	15.6	47.1	34.4	97.1		

日 Day	氣 溫 (攝氏) AIR TEMPERATURE. (°C)							濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日 照 時 數 NO. OF HOURS WITH SUNSHINE.	蒸 發 量 (耗) AMOUNT OF EVAPORATION (mm)		
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較 差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	平均 Mean				
1	9.8	23.3	17.0	16.7	24.8	9.0	15.8	78	41	60	60	0	—	0	—	0.0	9.64	11.8	
2	8.9	16.7	10.5	12.0	18.1	8.8	9.3	64	23	48	45	10	—	0	—	3.3	10.52	10.3	
3	6.1	16.1	9.9	10.7	16.7	5.9	10.8	51	25	34	37	0	—	10	—	3.3	9.04	7.6	
4	5.3	5.3	3.8	4.8	10.4	3.4	7.0	65	25	95	83	10	—	10	—	10.0	0.00	2.6	
5	4.1	10.2	4.1	6.1	11.8	3.5	8.3	89	55	82	76	10	—	9	n, kc	6.3	4.60	3.8	
6	99.9	15.0	9.2	8.0	16.8	99.8	17.0	85	38	69	64	0	—	10	c, hc	3.3	11.01	6.0	
7	4.5	14.5	9.8	9.6	15.5	3.3	12.2	72	40	75	62	0	—	10	n	6.7	2.67	5.0	
8	6.3	15.2	10.8	10.8	17.5	6.0	11.5	76	24	52	51	10	—	0	c	3.3	10.71	8.6	
9	5.7	14.1	7.7	9.2	16.1	5.5	10.6	60	30	41	44	0	—	7	c, k	2.3	11.17	7.4	
10	0.2	18.9	13.1	10.7	20.7	99.9	20.8	83	27	42	51	0	—	0	—	0.0	12.40	10.7	
11	9.5	24.2	15.9	16.5	25.0	8.5	16.5	56	28	42	42	0	—	4	c	4.7	12.54	11.5	
12	10.2	19.5	14.5	14.7	22.4	9.4	13.0	48	11	41	33	10	—	0	—	3.3	11.01	9.6	
13	6.0	25.9	18.6	16.8	27.5	5.7	21.8	71	25	62	53	0	—	1	c	0.3	13.13	9.5	
14	11.7	25.9	19.7	19.1	27.5	11.3	16.2	77	36	45	53	0	—	10	n	3.3	9.56	9.5	
15	14.6	27.0	19.1	20.2	28.5	14.3	14.2	67	31	54	51	0	—	0	—	0.6	13.26	11.6	
16	14.1	28.7	19.6	20.8	29.2	13.0	16.2	56	26	36	39	0	—	0	—	0.0	12.02	12.5	
17	14.8	25.6	19.9	20.1	27.4	14.6	12.6	58	27	51	45	8	n	10	n, km	9.0	6.73	9.5	
18	14.0	16.1	15.1	15.1	20.3	12.9	7.4	87	95	91	91	10	n	10	n	10.0	0.00	2.2	
19	14.1	18.7	15.7	16.2	21.1	13.9	7.2	94	70	71	78	10	n	0	c	6.7	4.48	4.5	
20	11.2	19.8	14.6	15.2	21.2	11.1	10.1	81	42	67	63	3	c	0	—	3.7	5.74	5.5	
21	11.8	18.4	13.6	14.6	19.3	11.6	7.7	60	36	61	52	10	n	10	n	9.0	9.21	7.5	
22	7.7	16.8	11.3	11.9	19.1	7.4	11.7	73	28	59	53	10	n	0	—	5.7	8.26	6.5	
23	5.8	23.0	16.7	14.8	23.3	4.8	18.5	84	32	71	62	0	—	10	n	4.0	9.01	4.7	
24	11.9	15.3	12.4	13.2	16.3	11.6	4.5	78	80	96	85	10	n	10	n	10.0	0.00	2.2	
25	11.7	8.8	8.2	9.6	13.4	8.0	5.4	99	92	88	93	10	n	10	n	10.0	0.00	2.5	
26	7.7	14.6	11.2	11.2	16.1	7.4	8.7	84	45	81	70	10	n	0	—	6.7	4.71	4.0	
27	6.8	18.7	14.1	13.2	20.2	6.8	13.4	95	33	75	68	1	ek	10	n	4.7	10.93	5.5	
28	9.6	20.2	14.5	14.8	21.5	9.5	12.0	72	36	66	55	2	—	0	—	0.7	11.95	6.3	
29	11.7	26.2	19.9	19.3	27.3	11.3	16.0	67	31	53	50	0	—	0	—	2.0	14.07	9.7	
30	16.2	25.9	20.5	20.9	27.0	16.1	10.9	63	26	42	44	10	n, kc	0	—	3.3	13.55	10.8	
31	17.0	23.1	18.5	19.5	25.2	16.7	8.5	55	31	62	49	0	—	0	—	0.0	13.26	10.0	
平均 Mean	9.3	19.1	13.8	14.1	20.9	8.7	12.1	73	40	62	58	4.8		4.7		3.8	4.4	264.68	230.9

昭和七年五月

洮南 TAONAN.

MAY, 1922.

Table with columns for Day (日), Air Pressure (氣壓), Wind Direction and Velocity (風ノ方向及速度), and Amount of Precipitation (降水量). Includes sub-columns for 5h, 13h, 21h, and Mean values.

Table with columns for Day (日), Air Temperature (氣溫), Relative Humidity (濕度), Cloud Amount and Forms (雲量及雲形), and Evaporation (蒸發量). Includes sub-columns for 5h, 13h, 21h, Mean, Max, Min, and Range values.

* 重力ノ更正 Reduction to standard gravity..... - 0.0
海面へノ更正 Reduction to mean sea level..... + 13.5

哈爾濱 HARBIN.

昭和七年五月

MAY, 1932.

Table with columns: 日 (Day), 氣壓 * (耗) AIR PRESSURE (700 mm +), 風 / 方向及速度 (米/秒) DIRECTION AND VELOCITY OF WIND, 降水量 (耗) AMOUNT OF PRECIPITATION. Includes sub-columns for 5h, 13h, 21h, and 24h averages.

Table with columns: 日 (Day), 氣溫 (攝氏) AIR TEMPERATURE (°C), 濕度 (百分率) REL. HUMIDITY (%), 雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD, 日照時數 (小時) NO. OF HOURS WITH SUNSHINE, 蒸發量 (耗) EVAPORATION. Includes sub-columns for 5h, 13h, 21h, and 24h averages.

* 重力ノ更正 Reduction to standard gravity + 0.1

齊 哈 爾
TSITSIHAR.

昭和七年五月

MAY, 1932.

Table with columns for Day, Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Includes sub-columns for 5h, 13h, 21h, and Mean values.

Table with columns for Day, Air Temperature (°C), Relative Humidity (%), Amount and Forms of Cloud,日照時數 (Hours of Sunshine), and 蒸發量 (Amount of Evaporation). Includes sub-columns for 5h, 13h, 21h, and Mean values.

* 重力ノ更正 Reduction to standard gravity.....+ 0.1
海面ノ更正 Reduction to mean sea level.....+ 18.3

昭和七年六月二十五日印刷
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昭和七年六月

滿 洲 氣 象 表

REPORT

OF THE

METEOROLOGICAL OBSERVATIONS

MADE AT THE

METEOROLOGICAL STATIONS

IN

MANCHURIA.

JUNE, 1932.

PUBLISHED BY THE METEOROLOGICAL OBSERVATORY, DAIREN.

凡 例

本編ハ昭和七年六月中滿洲各觀測所ニ於ケル氣象觀測ノ成績ヲ示スモノニシテ其ノ觀測ノ時刻方法等ハ日本各測候所ト全ク同一ノ式ニ據ル今其要點ヲ擧グレバ

觀測時ハ日本西部標準時即チ東經百二十度ノ地ノ平時ニ據リ夜半ヲ日界トスル二十四時間制ヲ用フ但シ日照時數ハ眞太陽時ニ據ル

氣壓ハ耗ヲ以テ示シ晴雨計示度ニ施スニ單ニ溫度ノ更正ノミヲ以テシ海面上高サノ更正及重力ノ更正ハ施サズ

溫度ハ攝氏ノ度ニ據ル但シ氷點以下ノ度ハ負數ヲ用ヒズ百ヨリ其度ヲ減ジ其餘數ヲ以テ之ヲ示ス即チ氷點以下一度ハ九十九度氷點以下五度ハ九十五度ト記スルガ如シ

或ル觀測時ニ於ケル風速ハ其觀測時前二十分間ノ平均風速ヲ以テ之ヲ示ス

平均雲量ニ未滿ナル日ヲ快晴トシ八以上ナル日ヲ曇天トス

風ノ速度一秒時間十米以上ヲ觀測シタル日ヲ暴風日トス

INTRODUCTION.

The present publication contains the results of the meteorological observations made at the meteorological stations in Manchuria for the month of June, 1932.

The instruments and the method of observation are the same as those at the meteorological stations in Japan. The followings are to be particularly noticed.

Hours of Observations.—The Western Standard Time of Japan (civil mean time of the meridian 120° E.) is adopted. For the measure of sunshine duration the apparent solar time is used.

Pressure.—The barometric readings in millimetres are reduced only to freezing point.

Temperature.—The degrees are given in Centigrade; those below zero are shown by adding 100, to avoid the minus sign; thus 99° for -1°, 95° for -5°, etc.

Velocity of the Wind.—As the velocity at any time is given the mean for the preceeding 20 minutes.

Clear and Cloudy Days.—The mean amount of cloud for a clear day is less than 2 exclusive, and for a cloudy day is more than 8 inclusive.

Days with Gales.—As such are counted the days on which the maximum velocity reaches or exceeds 10 metres per second.

現象記號

ILLUSTRATION OF SYMBOLS

(1) 萬國共通記號 *International symbols*

雨 ● Rain	霜 ⊥ Hoar frost	日暈 ⊕ Solar halo
雪 * Snow	露 ^ Dew	日光環 ⊙ Solar corona
電雷 ⚡ Thunder storm	霧氷 ∨ Silver thaw	月暈 ⊕ Lunar halo
雷聲 T Thunder without lightning	雨水 ~ Glazed frost	月光環 ⊕ Lunar corona
電光 < Lightning without thunder	吹雪 + Snow drift	虹 ∩ Rainbow
霰 △ Graupel	細氷 ← Ice crystals	極光 ∩ Aurora
雹 ▲ Hail	積雪 ☒ Snow lying	煙霧 ∞ Haze
霧 ≡ Mist, fog	暴風 ⚡ Gale	黃道光 ♄ Zodiacal light

(2) 其他ノ記號 *Other symbols*

凍雨 ⊕ Frozen rain	凍露 ⊥ Frozen dew	結氷 ⊔ Ice
霜柱 ⊥ Ice columns in ground	波狀雲 ∞ Undulated cloud	黃砂 ∞ Yellow dust
朝焼け ☽ Red sky	海鳴 𠄎 Oceanic noise	地震 ⊕ Earthquake
卷雲 C Cirrus	卷層雲 CS Cirro-stratus	卷積雲 CK Cirro-cumulus
層雲 S Stratus	高層雲 SC Alto-stratus	層積雲 SK Strato-cumulus
積雲 K Cumulus	高積雲 KC Alto-cumulus	積亂雲 KN Cumulo-nimbus
亂雲 N Nimbus		

(3) 現象ノ強サ *The intensity of the phenomena*

現象ノ強弱ヲ示ス爲ニ記號ノ右肩ニ0.1.2ノ數字ヲ記ス例ヘバ

The intensity of a phenomenon is shown by an index added to its symbol, thus:—

微雨 ●⁰ slight rain 中雨 ●¹ moderate rain 強雨 ●² heavy rain

地震震度階級 *Intensity of earthquakes*

微震 ⊕⁽¹⁾ slight 弱震(弱キ方) ⊕⁽²⁾ moderate 弱震 ⊕⁽³⁾ rather strong
 強震(強キ方) ⊕⁽⁴⁾ strong 強震 ⊕⁽⁵⁾ very strong 烈震 ⊕⁽⁶⁾ disastrous

大連 DAIREN.

昭和七年六月

JUNE, 1932.

Table I: Meteorological data for Dairen, June 1932. Columns include Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm) for each day from 1 to 30, plus monthly averages.

Table II: Meteorological data for Dairen, June 1932. Columns include Air Temperature (°C), Relative Humidity (%), Amount and Forms of Cloud (0-10), Sunshine (hours), and Evaporation (mm) for each day from 1 to 30, plus monthly averages.

* 重力ノ更正 Reduction to standard gravity..... 0.4

大 連

昭和七年六月

DAIREN.

JUNE, 1932.

日 Day	水蒸氣ノ張力(耗) TENSION OF VAPOUR.(mm)							地面溫度(攝氏) EARTH TEMP. ON THE SURFACE.(°C)				地中溫度(攝氏) EARTH TEMPERATURE.(°C)										最低地温(攝氏) MIN. TEMP. ON GRASS.(°C)	最高日温(攝氏) MAX. TEMP. ON GRASS.(°C)
	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	平均 Mean	6 ^h	14 ^h	22 ^h	平均 Mean	0.05m	0.1m	0.2m	0.3m	0.5m	1.0m	2.0m	3.0m	4.0m	5.0m		
1	9.4	9.2	11.0	11.6	10.1	9.9	10.2	17.4	18.3	13.5	16.4	19.7	18.4	17.5	17.8	17.6	15.5	12.0	10.8	10.5	9.9	12.8	26.4
2	11.0	10.9	11.5	12.1	11.5	10.9	11.3	14.8	39.2	16.0	23.3	18.8	16.8	15.9	16.4	16.8	15.6	12.2	11.0	10.5	9.9	10.8	32.2
3	10.3	10.9	11.7	11.2	10.4	9.5	10.7	16.3	41.1	17.2	24.9	24.8	19.8	17.8	17.8	17.5	15.8	12.4	11.0	10.6	9.9	11.2	32.3
4	11.4	11.4	12.1	12.5	12.2	11.4	11.8	19.0	31.3	19.2	23.2	25.7	22.0	19.5	19.3	18.6	16.3	12.4	11.2	10.8	10.1	16.0	35.3
5	9.2	12.9	12.4	12.1	11.2	11.5	11.6	17.2	27.6	14.8	19.9	17.6	18.4	18.8	19.5	19.2	16.6	12.6	11.2	10.8	10.1	14.6	30.6
6	11.1	11.9	12.7	12.8	11.2	11.0	11.8	17.0	26.9	15.8	19.9	22.1	19.0	17.3	17.6	17.9	16.7	12.7	11.3	11.0	10.1	12.0	31.0
7	11.6	12.2	14.0	13.5	12.8	12.8	12.8	15.8	35.6	17.5	23.0	23.8	19.7	17.8	18.2	18.2	16.7	12.9	11.5	11.0	10.2	13.5	37.6
8	12.3	12.5	12.6	12.7	12.6	12.3	12.5	16.8	31.5	16.6	21.6	21.4	19.6	19.0	19.5	19.0	16.8	12.9	11.5	11.1	10.2	13.6	31.5
9	12.0	12.7	12.2	12.8	12.8	12.4	12.5	16.9	37.3	18.8	24.3	25.1	20.1	18.7	19.1	18.9	17.0	13.1	11.5	11.2	10.3	13.2	33.8
10	12.6	12.7	14.5	15.0	13.5	14.2	13.8	17.7	37.5	18.7	24.6	25.7	21.7	20.1	20.2	19.7	17.4	13.4	11.7	11.3	10.4	14.7	36.0
11	13.5	13.8	14.4	14.2	13.6	13.0	13.8	18.5	20.0	16.0	18.2	19.3	20.3	20.0	20.5	20.2	17.5	13.4	11.8	11.3	10.4	15.4	22.0
12	13.8	12.6	13.8	13.0	12.7	12.8	13.1	16.1	18.9	17.3	17.4	19.9	18.6	17.8	18.5	18.8	17.6	13.5	12.0	11.3	10.4	14.1	31.0
13	12.3	12.1	12.1	12.9	13.2	12.7	12.6	16.7	24.3	16.2	19.1	19.8	18.6	18.1	18.5	18.7	17.5	13.9	12.0	11.5	10.5	14.3	32.0
14	11.4	12.0	12.7	13.3	13.5	14.2	12.9	16.7	32.3	18.5	22.5	21.9	19.2	18.1	18.5	18.8	17.4	13.9	12.1	11.4	10.6	13.3	35.3
15	14.4	14.5	14.2	11.1	12.5	11.6	13.1	18.8	32.7	17.3	22.9	22.0	20.9	19.3	19.5	19.2	17.4	13.9	12.2	11.5	10.6	16.2	39.7
16	11.4	12.8	13.3	14.3	13.7	14.4	13.3	17.4	41.0	20.0	26.1	27.7	21.4	19.6	19.8	19.7	17.7	13.9	12.3	11.8	10.7	13.6	40.6
17	10.7	10.7	13.0	12.9	12.2	14.8	12.4	19.5	43.3	20.0	27.6	29.4	23.1	21.1	21.3	20.7	17.9	14.0	12.3	11.7	10.7	16.5	40.8
18	14.6	15.6	15.0	14.6	14.9	14.8	14.9	21.0	43.9	21.2	28.7	29.2	24.4	22.2	22.2	21.6	18.4	14.1	12.5	11.8	10.8	15.8	37.9
19	14.5	13.6	14.5	15.1	14.9	14.9	14.6	21.3	31.5	20.0	24.3	26.0	24.2	22.4	22.7	22.1	18.9	14.2	12.5	12.0	10.9	16.6	36.7
20	14.6	14.8	14.4	11.3	13.7	14.1	13.8	21.5	50.2	20.0	30.6	27.7	23.7	22.3	22.4	21.9	19.2	14.4	12.6	12.0	10.9	17.2	41.7
21	12.5	13.7	14.1	12.8	14.3	14.9	13.7	21.5	51.2	19.8	30.8	29.2	24.8	23.3	23.5	22.7	19.4	14.6	12.7	12.0	10.9	17.4	42.2
22	14.8	15.6	14.1	14.1	15.1	13.9	14.6	21.0	47.2	22.0	30.1	29.9	25.7	25.3	24.0	23.3	19.8	14.9	13.0	12.1	11.0	17.0	40.4
23	9.9	9.8	11.0	11.4	11.2	9.9	10.5	17.9	42.5	18.2	26.2	22.4	22.1	23.1	23.8	23.6	20.4	15.1	13.0	12.3	11.1	14.8	40.4
24	10.0	10.2	11.5	11.5	10.9	10.8	10.8	18.6	45.4	21.4	28.5	30.5	24.0	22.7	22.9	22.6	20.3	15.2	13.1	12.3	11.1	14.2	43.4
25	7.1	8.6	7.9	7.3	8.7	8.6	8.0	21.6	48.8	20.0	30.1	29.5	24.8	24.1	23.8	23.2	20.4	15.4	13.3	12.4	11.2	18.6	41.6
26	4.3	10.1	6.6	7.9	10.4	9.1	8.1	21.0	48.2	20.3	29.8	28.2	25.1	24.2	24.2	23.6	20.5	15.5	13.4	12.4	11.3	16.6	39.7
27	13.8	13.6	13.2	12.4	11.5	13.7	13.0	21.5	48.8	21.2	30.5	31.0	25.4	24.1	24.0	23.4	20.9	15.9	13.5	12.5	11.4	17.2	44.0
28	13.9	14.0	12.4	13.5	12.5	17.5	14.0	22.7	50.3	21.6	31.5	28.7	25.2	25.0	24.9	24.1	20.9	15.9	13.6	12.5	11.4	18.4	42.7
29	16.8	14.8	14.4	14.0	14.4	14.9	14.9	22.9	42.5	21.5	29.0	27.9	25.3	25.1	25.0	24.2	21.1	16.1	13.7	12.6	11.5	19.1	35.3
30	15.0	14.9	14.1	14.1	15.0	16.1	14.9	23.0	36.5	19.6	26.4	27.4	24.4	24.1	24.2	23.8	21.2	16.3	14.0	12.8	11.5	18.6	38.8
平均 Mean	12.0	12.5	12.7	12.6	12.6	12.8	12.5	18.9	37.5	18.7	25.0	25.1	21.9	20.8	21.0	20.7	18.3	14.0	12.3	11.6	10.7	15.2	36.4

記 事
REMARKS.

1	☉ ¹ p.	☉ ^{10h} 05-10 ^h 30.☉ ^{13h} 15-13 ^h 55.☉ ^{23h} 52-	☾ ^{2h} .
2	☉ ¹ p.	☉ ^{10h} 18-☉ ^{8h} 50-☉ ^{19h} 55-☉ ^{11h} 20-11 ^h 45.☉ ^{15h} 30-☉ ^{15h} 45-☉ ^{16h} 30-☉ ^{17h} 40-☉ ^{18h} 06-☉ ^{18h} 42-	
3		☉ ¹ -☉ ^{8h} 40-7 ^h 30.	
4	☉ [∞] a.		
5		☉ ^{4h} 02-☉ ^{14h} 05-☉ ^{4h} 08-☉ ^{14h} 45-☉ ^{5h} 08-☉ ^{16h} 03-☉ ^{6h} 12-6 ^h 40.☉ ^{7h} 13-☉ ^{17h} 38-☉ ^{8h} 26-☉ ^{18h} 46-☉ ^{9h} 05-9 ^h 45.☉ ^{10h} 50-11 ^h 15. ☉ ² (sw)3 ^h 42...☉ ² (s)3 ^h 56...☉ ² (SE)4 ^h 15...4 ^h 25.☉ ² (S)4 ^h 41...☉ ² (SE)5 ^h 05...☉ ² (S)5 ^h 17.☉ ² (W)5 ^h 05...6 ^h 15.☉ ² (SSW)7 ^h 10... ...☉ ² (S)7 ^h 30...☉ ² (S)7 ^h 52...8 ^h 14.☉ ² (S-W)8 ^h 42.]	☉ ^{17h} 19-23 ^h .
6	☉ ¹ a.	☉ ^{15h} 20-☉ ^{16h} 32-☉ ^{19h} 15-☉ ^{12h} 24-☉ ^{21h} 50-	
7	☉ [∞] p.	☉ ^{10h} 13-☉ ^{5h} 52-7 ^h 03.☉ ^{18h} 40-	
8		☉ ^{10h} 20-☉ ^{13h} 45-☉ ^{16h} 00-☉ ^{16h} 25-☉ ^{17h} 06-☉ ^{18h} 50-	
9	☉ [∞] p.	☉ ² -☉ ^{17h} 03-☉ ^{8h} 15-8 ^h 50.☉ ^{9h} 30-10 ^h 48.☉ ^{11h} ...☉ ² (C)9 ^h 44...☉ ² (S)9 ^h 46...☉ ² (E)9 ^h 49...☉ ² (S)9 ^h 51...☉ ² (S)9 ^h 52...☉ ² (NE)9 ^h 57...☉ ² (S)10 ^h 03.	☉ ^{17h} 19-23 ^h .
10			
11	☉ ¹ p.	☉ ^{9h} 32-☉ ^{19h} 35-☉ ^{29h} 50-☉ ^{19h} 55-☉ ^{9h} 56-10 ^h 03.☉ ^{13h} 15-15 ^h 20.☉ ² (SW)9 ^h 34...☉ ² (SW)9 ^h 41...☉ ² (SW)9 ^h 42...☉ ² (S)9 ^h 43...☉ ¹ -1 ^h 18 ^h .	
12	☉ [∞] a.	☉ ^{3h} 10-☉ ^{13h} 23-☉ ^{4h} 05-4 ^h 23.☉ ^{17h} 50-☉ ^{18h} 05-☉ ^{18h} 20-18 ^h 30.☉ ^{20h} 47-☉ ^{22h} 20-	
13		☉ ¹ -☉ ^{2h} 45-☉ ^{17h} 00-☉ ^{8h} 05-☉ ^{18h} 32-☉ ^{9h} 05-10 ^h 48.☉ ^{20h} 46-	
14	☉ [∞] mp.	☉ ^{10h} 13-☉ ^{13h} 40-☉ ^{8h} 20-☉ ^{18h} 07-☉ ^{8h} 15-13 ^h 50.☉ ^{15h} 20-☉ ^{16h} 10-☉ ^{17h} 31-☉ ^{18h} 05-☉ ^{18h} 14-	
15	☉ [∞] p.	☉ ² -☉ ^{15h} 05-☉ ^{7h} 10-8 ^h 45.	
16	☉ [∞] a. ☉ ^(NE) p.		
17	☉ [∞] a.		
18	☉ [∞] a.		
19			
20	☉ ¹ p.	☉ ^{7h} 16-8 ^h 20.	
21	☉ ¹ Δ [∞] p.		
22	☉ ¹ a.☉ [∞] p.		
23		☉ ^{1h} 40-3 ^h 00.	
24	☉ [∞] p.		
25	☉ ¹ a.☉ ¹ p.		
26	☉ [∞] p.☉ [∞] a.		
27	☉ [∞] a.☉ [∞] p.		
28		☉ ^{8h} 50.	
29	☉ [∞] a.		
30	☉ [∞] p.		☉ ^{20h} .☉ ^{22h} . ☉ ^{3h} .☉ ^{4h} .☉ ^{6h} -8 ^h .

昭和七年六月

管 口 YINGKOW.

JUNE, 1932.

Table with columns for Day, Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Includes sub-columns for hourly and average values.

Table with columns for Day, Air Temperature (°C), Rel. Humidity (%), Amount and Forms of Cloud,日照時數 (Hours of Sunshine), and 蒸發量 (Evaporation). Includes sub-columns for hourly and average values.

* 重力ノ更正 Reduction to standard gravity..... 0.3
海面へノ更正 Reduction to mean sea level..... + 0.3

昭和七年六月

奉天 FENGTIEN.

JUNE, 1932.

Table with columns for Day, Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Includes sub-columns for 2h, 6h, 10h, 14h, 18h, 22h, and Mean values.

Table with columns for Day, Air Temperature (C), Rel. Humidity (%), Amount and Forms of Cloud,日照時數 (Sunshine), and 蒸發量 (Evaporation). Includes sub-columns for 2h, 6h, 10h, 14h, 18h, 22h, and Mean values.

* 重力ノ更正 Reduction to standard gravity..... 0.2
海面ノ更正 Reduction to mean sea level..... + 3.9

旅 順

RYOJUN.

昭和七年六月

JUNE, 1932.

日 Day	氣 壓 * (耗) AIR PRESSURE. (mm) (700 mm +)				風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.								降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)					總計 Total
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	平均 Mean	21 ^h	二十四時 間平均 Mean for 24h.	21-5 ^h	5-13 ^h	13-21 ^h					
1	52.6	54.3	53.4	53.4	SSW	3.5	S	2.2	SSE	3.5	3.4	—	—	—	—	—		
2	53.7	53.8	53.0	53.5	SE	4.8	SSE	6.2	SSE	2.8	3.8	—	—	—	—	—		
3	52.6	52.7	51.1	52.1	SE	1.3	S	4.0	SSE	2.1	3.0	—	—	—	—	—		
4	49.6	49.0	47.2	48.6	SSE	1.4	S	2.3	SW	1.2	2.0	—	—	—	—	—		
5	47.0	45.8	46.4	46.4	WNW	6.3	S	4.9	SSW	3.3	3.5	9.0	—	—	—	18.7		
6	46.2	46.2	45.0	45.8	W	4.0	S	6.0	S	3.3	3.5	—	—	—	—	—		
7	44.9	44.7	44.9	44.8	SE	4.5	S	1.5	SE	5.6	2.9	—	—	—	—	—		
8	45.9	47.5	47.1	46.8	ESE	4.3	SE	8.8	SE	6.4	5.3	0.0	—	—	—	0.1		
9	46.9	47.2	47.6	47.2	SE	6.6	SE	6.4	SSE	3.3	5.3	—	—	—	—	—		
10	47.9	48.0	46.9	47.6	SE	4.3	SE	2.7	SE	5.3	3.9	—	—	—	—	—		
11	47.5	47.1	47.3	47.3	SSE	0.6	S	2.3	S	4.6	3.3	—	—	—	—	—		
12	45.3	45.4	46.5	45.7	SSE	1.6	SE	4.3	SSE	2.9	3.0	7.0	—	—	—	3.5		
13	47.9	49.5	50.1	49.2	SSE	2.5	S	5.1	SSE	4.4	3.1	—	—	—	—	7.0		
14	50.4	50.6	49.6	50.2	SE	3.7	SSE	5.7	ESE	5.4	3.4	—	—	—	—	—		
15	48.9	49.0	48.3	48.7	SE	5.7	S	1.0	—	0.1	2.5	0.2	—	—	—	0.7		
16	47.8	47.8	47.9	47.8	ESE	0.8	WNW	2.9	WNW	1.1	2.0	—	—	—	—	—		
17	48.3	49.0	49.6	49.0	NW	3.7	SSE	2.7	SSE	1.1	2.1	—	—	—	—	—		
18	50.1	50.6	50.0	50.2	SE	0.7	SSE	4.2	SSE	5.0	2.6	—	—	—	—	—		
19	49.9	50.0	49.1	49.7	SSE	2.4	SSE	4.9	SE	3.2	3.4	—	—	—	—	—		
20	49.3	48.6	48.3	48.7	SE	2.3	S	3.6	NNE	4.6	2.5	—	—	—	—	—		
21	47.3	47.2	47.5	47.3	N	4.3	S	4.4	—	0.1	2.8	—	—	—	—	—		
22	46.6	46.1	46.6	46.3	SSE	0.8	S	4.0	S	1.2	1.6	—	—	—	—	—		
23	46.4	46.9	47.1	46.8	ESE	2.9	N	4.8	NW	1.2	3.8	3.4	—	—	—	3.4		
24	47.2	47.1	48.3	47.5	WNW	1.4	NNW	6.8	NE	5.0	4.5	—	—	—	—	—		
25	49.3	49.1	48.7	49.0	NE	2.5	S	4.1	NE	2.0	2.1	—	—	—	—	—		
26	48.4	47.9	47.9	48.1	—	0.2	S	3.2	SE	1.9	2.1	—	—	—	—	—		
27	47.5	47.7	46.9	47.4	S	1.2	S	2.0	—	0.0	1.8	—	—	—	—	—		
28	48.7	50.1	49.4	49.4	NNE	2.7	S	2.3	SSE	1.1	2.3	—	—	—	—	0.2		
29	51.3	52.3	52.5	52.0	S	0.8	SSW	3.2	SSW	3.7	3.4	—	—	—	—	0.0		
30	52.1	52.5	51.8	52.1	S	1.8	S	4.6	SE	1.3	3.4	—	—	—	—	—		
平均 Mean	48.6	48.8	48.5	48.6						2.8	3.1	19.6	14.7	—	1.2	35.5		

日 Day	氣 溫 (攝氏) AIR TEMPERATURE. (°C)						濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日 照 時 數 NO. OF HOURS WITH SUNSHINE.	蒸 發 量 (耗) AMOUNT OF EVAPORATION (mm)			
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較 差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h			平均 Mean		
1	14.8	14.3	14.0	14.4	18.2	13.3	4.9	81	95	91	89	10	sc, sk	2	cs	7.3	3.23	2.9	
2	13.8	18.8	15.0	15.9	20.2	13.4	6.8	97	83	99	93	7	c, s	0	—	3.3	12.05	5.9	
3	13.9	19.4	16.4	16.6	20.6	13.3	7.3	99	76	80	85	1	s	0	—	0.3	13.60	6.5	
4	17.7	21.9	18.2	19.3	25.4	16.1	9.3	83	71	82	79	3	sk	10	sc	7.7	8.18	4.9	
5	16.6	19.0	14.6	16.7	20.3	14.6	5.7	96	84	97	92	10	—	10	sc	0	7.30	4.3	
6	15.6	19.6	16.6	17.3	20.8	14.1	6.7	95	86	92	91	4	sk, sk	0	—	1.3	12.85	5.9	
7	15.0	21.0	17.0	17.7	22.9	14.7	8.2	99	78	99	92	3	s	1	c	6	12.88	5.4	
8	16.2	17.8	16.6	16.9	19.6	14.4	5.2	96	91	96	94	10	s, kc	0	—	6.7	7.63	5.3	
9	15.5	20.9	16.0	17.5	22.3	15.3	7.0	99	71	98	91	10	s	3	sk, s	4.5	12.15	3.4	
10	16.2	21.9	17.1	18.4	23.6	15.1	8.5	98	81	94	91	10	kc, sk	10	cs, sc	9.7	11.17	4.5	
11	17.3	17.4	16.3	17.0	18.8	16.1	2.7	96	99	98	98	10	sk	3	sk, c	7.7	2.03	2.4	
12	14.3	19.4	15.0	16.2	20.3	14.0	6.3	99	89	99	96	10	s	10	sc, s	10.0	4.92	3.5	
13	14.4	18.5	14.2	15.7	19.6	13.6	6.0	100	85	100	95	10	—	10	—	10.0	5.90	3.4	
14	13.7	18.3	16.8	16.3	19.9	13.3	6.6	100	87	100	96	10	—	10	cs, s	10.0	5.88	4.2	
15	17.0	22.7	16.8	18.8	23.4	16.3	7.1	100	73	96	90	10	—	10	sk	0	9.32	6.3	
16	16.2	25.6	20.4	20.7	27.2	15.4	11.8	94	53	53	67	8	sk	0	c	2.7	14.27	8.0	
17	19.1	25.5	19.0	21.2	28.4	17.7	10.7	88	64	87	80	0	—	0	—	0.0	14.50	6.9	
18	17.7	23.6	20.0	20.4	25.6	17.5	8.1	99	79	92	90	1	c	3	c	7	13.62	6.2	
19	17.6	22.4	18.2	19.4	22.6	17.0	5.6	99	79	98	92	10	sk, cs	9	c, s	10	9.44	4.9	
20	17.3	22.3	18.9	19.5	25.7	17.1	8.6	100	81	92	91	9	sk, c	8	sk, s	9.7	12.01	7.6	
21	18.7	24.1	18.8	20.5	28.5	18.1	10.4	92	71	95	86	7	c	2	sk, c	0	3.0	14.02	6.9
22	17.2	23.4	19.4	20.0	26.4	17.0	9.4	100	80	97	92	10	s	1	c	10	7.0	12.65	6.5
23	18.3	23.0	16.8	19.4	24.9	16.1	8.8	68	50	84	67	9	sk, sk	0	—	0	3.0	10.27	8.2
24	16.4	25.7	23.9	22.0	26.6	15.9	10.7	95	47	45	62	0	—	3	c	9	4.0	12.81	9.4
25	20.4	27.5	21.4	23.1	27.9	19.6	8.3	48	40	44	44	9	c, kc	10	s	5	8.0	13.15	7.0
26	19.6	24.3	20.8	21.6	27.0	18.8	8.2	55	61	71	62	10	c	10	sk, sk	3	7.7	12.55	7.8
27	20.1	27.5	22.3	23.3	29.6	19.4	10.2	89	53	84	75	2	c	9	c, sk	0	3.7	13.82	7.5
28	21.4	25.3	21.0	22.6	29.6	19.4	10.2	82	76	82	80	10	sk	8	c, sk	0	6.0	10.24	5.9
29	20.2	24.1	21.1	21.8	24.6	19.5	4.8	90	79	87	85	10	sk	10	cs, sk	10	10.0	1.65	3.7
30	18.0	23.3	19.1	20.1	24.5	17.6	6.9	99	79	97	92	6	sk	10	cs	0	5.3	10.65	6.4
平均 Mean	17.0	22.0	18.1	19.0	23.8	16.1	7.7	91	75	88	85	7.3		6.2	3.9	5.8	304.74	171.9	

* 重力ノ更正 Reduction to standard gravity.....- 0.4
 海面へノ更正 Reduction to mean sea level.....+ 7.0

鞍山

昭和七年六月

ANSHAN.

JUNE, 1932.

日 Day	氣 壓 * (耗) AIR PRESSURE. (mm) (700 mm +)				風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.								降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)				
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	平均 Mean	二十四時 平均 Mean for 24h.	21-5 ^h	5-13 ^h	13-21 ^h	總計 Total				
1	55.2	56.2	56.5	56.0	SSW 3.2	WSW 3.5	SSW 2.4	3.8	—	—	—	—	9.8				
2	55.3	56.5	56.4	57.1	SSW 3.5	WSW 5.8	—	0.0	3.7	—	0.8	—	—				
3	55.7	54.4	53.7	54.6	WSW 2.1	SW 5.3	—	0.0	4.0	—	—	—	—				
4	52.9	51.9	51.0	51.9	S 1.8	S 6.4	S 2.1	4.0	—	—	—	—	—				
5	50.1	49.0	50.9	50.0	SW 6.2	SW 6.1	W 0.6	3.4	—	3.3	—	6.1	9.4				
6	48.7	48.5	48.9	48.7	S 2.1	SSW 5.8	SSW 5.8	4.3	—	—	—	—	—				
7	49.1	49.2	50.4	49.6	E 0.9	SE 3.5	SE 4.1	2.6	—	—	—	0.0	0.0				
8	50.9	51.8	51.1	51.3	— 0.0	N 2.3	ESE 1.2	1.4	—	—	—	1.9	1.9				
9	52.6	52.0	52.8	52.5	ENE 1.1	SW 2.0	SSE 1.8	2.1	—	—	—	—	—				
10	52.1	51.7	50.8	51.5	E 0.6	SSW 4.2	S 4.7	2.8	—	—	—	—	—				
11	50.6	49.8	49.5	50.0	S 3.5	SSW 6.1	SSW 5.8	4.1	—	1.9	5.7	0.0	7.6				
12	50.5	49.2	50.0	49.9	SSE 2.9	SSW 3.8	—	0.0	2.9	11.8	18.5	—	30.3				
13	51.5	52.4	53.2	52.4	SW 2.7	SW 5.3	—	0.0	2.8	—	—	—	—				
14	53.5	53.6	53.5	53.5	S 1.2	SSW 5.8	SSW 0.5	2.9	—	—	—	—	—				
15	53.3	52.7	51.6	52.5	WSW 1.3	WSW 4.7	SSW 1.8	2.5	—	—	—	—	—				
16	51.5	50.7	51.7	51.3	SW 1.8	SW 1.7	SSW 1.4	1.8	—	—	—	—	—				
17	51.8	51.5	53.0	52.1	S 1.4	SSW 1.8	SW 1.5	1.5	—	—	—	—	—				
18	53.3	53.0	53.4	53.2	SW 1.7	SW 4.7	—	0.0	2.9	—	—	—	—				
19	53.8	53.2	53.6	53.5	— 0.3	SW 2.9	W 1.8	2.4	—	—	—	—	—				
20	52.7	52.1	51.9	52.2	S 0.5	W 1.3	SSW 1.1	0.8	—	—	—	—	—				
21	50.4	50.0	51.0	50.5	— 0.0	E 1.7	SSW 3.5	1.2	—	—	—	—	—				
22	49.5	48.7	49.9	49.4	— 0.0	WSW 5.8	NNW 4.7	3.4	—	—	—	—	—				
23	52.2	51.0	50.9	51.4	NE 3.5	NE 4.7	ENE 0.6	2.9	—	—	—	—	—				
24	49.3	51.0	52.8	51.0	— 0.0	NNE 6.4	NNE 1.8	2.9	—	—	—	—	—				
25	54.1	52.1	52.7	53.0	NE 1.1	NW 3.8	W 0.7	1.5	—	—	—	—	—				
26	51.7	51.1	52.0	51.6	— 0.0	SE 1.8	WNW 1.8	1.5	—	—	—	—	—				
27	52.1	51.2	51.5	51.6	ENE 1.4	NE 4.1	NNE 0.8	2.5	—	—	—	—	—				
28	52.4	52.6	54.0	53.0	— 0.0	WSW 4.1	SW 1.8	2.0	—	—	—	—	—				
29	54.4	53.4	55.6	54.5	SSW 2.7	SSW 7.6	SW 0.6	3.8	—	—	—	7.6	7.6				
30	55.8	54.9	55.4	55.4	SSW 0.7	SW 4.7	SW 1.5	3.6	—	—	—	0.0	0.0				
平均 Mean	52.3	51.9	52.3	52.2	1.6	4.3	1.8	2.7	—	17.0	34.0	15.6	66.6				

日 Day	氣 溫 (攝氏) AIR TEMPERATURE. (°C)						濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.					日 照 時 數 NO. OF HOURS WITH SUNSHINE.	蒸 發 量 (耗) AMOUNT OF EVAPORATION (mm)			
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	平均 Mean					
1	17.9	20.8	16.9	18.5	22.4	14.3	8.1	59	66	82	67	8	sk	6	sk	0	—	4.7	5.40	6.0
2	16.9	27.5	19.1	21.2	23.4	15.4	13.0	74	45	77	65	0	—	0	—	0	—	0.0	13.10	9.3
3	18.1	29.9	21.3	22.4	30.0	15.4	14.6	73	44	76	64	2	sk	6	sk	0	—	2.7	12.50	10.6
4	19.1	30.9	23.6	24.5	32.1	16.2	15.9	69	31	52	51	4	sk	10	sk	5	sk	6.3	7.90	8.3
5	19.1	23.3	17.4	19.9	24.4	17.0	7.4	66	53	83	67	10	sk	10	sk	0	—	6.7	3.20	6.9
6	16.5	25.2	20.7	20.8	26.2	14.8	11.4	68	44	59	57	1	sk	7	sk	10	sk	6.0	8.00	7.4
7	16.3	24.2	17.3	19.3	25.4	15.9	9.5	77	44	80	67	9	sk	7	sk	9	sk	8.3	5.10	6.1
8	13.4	25.9	20.7	19.9	27.2	12.6	14.6	92	42	66	67	0	—	6	sk	0	—	2.0	12.30	6.9
9	17.7	29.0	22.1	22.9	29.5	16.0	13.5	81	37	59	59	0	—	5	sk	2	—	2.3	12.60	8.1
10	17.9	26.0	20.6	21.5	26.6	17.5	9.1	78	51	67	65	9	sk	9	sk	10	sk	9.3	5.80	5.1
11	18.0	22.1	20.4	20.2	22.7	16.7	6.0	52	64	68	71	10	sk	10	sk	7	sk	9.0	0.30	5.0
12	17.3	18.5	16.7	17.5	22.2	16.2	6.0	36	87	86	86	10	sk	10	sk	1	sk	7.0	2.70	4.2
13	15.5	22.2	20.1	19.3	24.0	13.7	10.3	90	74	83	82	2	sk	8	sk	4	sk	4.7	12.60	5.9
14	16.7	26.8	21.5	21.7	27.4	15.8	11.6	93	42	81	72	2	sk	10	sk	10	sk	7.3	11.20	5.4
15	18.2	25.5	20.0	21.2	26.6	17.5	9.1	86	62	81	77	8	sk	10	sk	1	sk	6.3	5.50	5.6
16	17.1	28.2	23.6	23.0	31.3	16.4	14.9	93	50	69	71	0	—	2	s	2	—	1.3	13.40	7.5
17	18.3	30.9	24.2	24.5	32.7	17.8	14.9	87	36	55	59	2	sk	2	—	0	—	1.3	13.30	8.6
18	23.3	32.2	23.4	25.3	33.0	18.6	14.4	76	27	63	55	0	—	7	sk	10	sk	5.7	13.00	9.8
19	17.9	29.6	23.0	23.5	30.2	16.8	13.4	78	36	64	59	5	sk	8	sk	10	sk	7.7	11.20	7.7
20	17.1	28.2	22.8	22.7	30.2	16.6	13.6	88	37	63	63	9	sk	10	sk	0	—	6.3	9.70	5.6
21	18.5	30.8	25.4	24.9	32.5	17.4	15.1	85	34	49	56	0	—	1	sk	2	—	1.0	12.40	8.0
22	19.1	30.4	23.6	24.4	31.8	18.6	13.2	81	33	37	50	0	—	5	sk	10	sk	5.0	12.10	9.1
23	18.4	25.6	19.9	21.3	27.4	17.5	9.9	53	36	55	49	10	sk	7	sk	0	—	5.7	6.00	7.2
24	14.3	28.6	20.1	21.0	29.2	13.3	15.9	74	30	39	48	1	sk	0	—	0	—	0.3	13.20	9.7
25	13.1	28.8	23.6	21.8	30.2	11.2	19.0	63	22	39	41	0	—	1	sk	2	—	1.0	13.20	9.4
26	14.3	31.4	24.2	23.3	33.1	13.0	20.1	63	23	38	41	0	—	0	—	2	—	0.7	13.30	9.5
27	16.9	30.8	23.6	23.8	31.5	16.0	15.5	66	24	45	45	3	sk	4	sk	0	—	2.3	12.50	9.4
28	17.5	31.0	24.2	24.2	32.2	16.5	15.7	66	31	55	51	1	sk	9	sk	5	sk	5.0	11.40	10.8
29	22.3	23.6	21.3	24.1	29.7	20.1	9.6	67	40	78	62	5	sk	9	sk	2	—	5.3	6.80	9.0
30	19.9	27.0	20.9	22.6	29.2	19.5	9.7	79	42	76	66	10	sk	10	sk	0	—	6.7	4.80	7.0
平均 Mean	17.4	27.3	21.4	22.0	29.6	16.1	12.5	76	43	64	61	4.0	—	6.3	—	3.5	—	4.6	284.50	230.0

* 重力ノ更正 Reduction to standard gravity.....- 0.3
海面へノ更正 Reduction to mean sea level.....+ 3.4

鄭家屯

CHENGCHIATUN.

JUNE, 1932.

昭和七年六月

日 Day	氣 壓 * (耗) AIR PRESSURE. (mm) (700 mm +)				風 / 方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.					降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)					
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	二十四時 間平均 Mean for 24h.	21-5 ^h	5-13 ^h	13-21 ^h	總計 Total			
1	47.5	47.3	48.8	47.9	SW	4.3	WNW	3.3	SSW	5.0	4.8	—	—	—	
2	49.8	48.0	47.5	48.4	SSW	3.6	SW	7.8	SW	6.5	5.6	—	—	—	
3	47.2	46.5	46.0	46.6	SSW	3.8	WSW	4.4	SW	3.7	4.2	—	—	—	
4	45.6	43.6	44.3	44.5	SW	2.5	WSW	6.1	SSW	1.1	4.0	—	—	4.4	
5	43.2	42.8	43.1	43.0	SSW	3.3	s	4.7	SSE	2.4	2.7	7.1	1.4	4.6	
6	43.3	41.8	42.4	42.5	SSW	4.0	SSW	5.5	SSW	4.9	4.2	—	—	—	
7	42.7	42.8	43.7	42.9	SSW	2.7	SSW	6.4	—	0.1	3.4	—	—	1.5	
8	45.5	45.5	45.7	45.6	—	0.4	SSE	0.5	—	0.0	0.5	—	—	2.5	
9	47.1	47.6	46.6	46.9	—	0.0	SSW	2.3	N	1.6	0.7	—	—	—	
10	46.9	46.8	43.9	46.9	SSE	1.9	WSW	4.8	SSW	2.6	2.9	2.3	4.2	0.3	
11	43.1	41.7	41.6	42.1	SW	5.9	SW	7.8	SSW	5.8	6.7	0.9	—	0.9	
12	42.7	41.9	42.5	42.4	SW	4.1	SSW	6.0	SSW	4.0	5.6	—	—	—	
13	42.7	44.6	46.4	44.6	WSW	3.6	WSW	2.9	SSW	2.6	4.8	—	—	—	
14	46.9	41.5	47.0	45.1	SSW	2.8	WSW	5.3	SSW	3.0	4.1	—	—	—	
15	46.6	45.6	45.1	45.8	WSW	3.3	SSW	2.7	SW	1.9	3.0	—	—	—	
16	45.1	44.8	44.7	44.9	SW	2.7	E	1.8	W	1.9	2.2	—	—	—	
17	45.7	46.0	46.2	46.0	s	2.0	WSW	0.5	SSW	2.0	2.1	—	—	—	
18	45.9	45.5	46.0	45.8	SSW	3.7	WSW	9.6	WSW	4.8	5.8	—	—	—	
19	47.4	46.7	46.9	47.0	SW	0.8	WSW	4.1	SW	0.7	3.5	—	—	2.7	
20	47.7	46.7	46.8	47.1	SSW	1.6	SSW	3.3	W	2.0	2.0	—	—	—	
21	45.8	44.1	43.0	44.3	—	0.2	SW	6.2	—	0.1	2.4	—	—	—	
22	42.7	41.2	45.5	43.1	SSW	3.4	WSW	8.3	NNW	2.5	4.1	—	—	—	
23	46.5	45.9	45.3	45.9	NNE	1.9	E	3.3	SE	2.0	2.1	—	—	—	
24	45.1	47.0	47.6	46.9	N	0.7	NNE	5.8	S	0.9	3.6	—	—	—	
25	48.2	47.3	47.7	47.7	W	1.5	N	4.1	E	1.9	1.8	—	—	—	
26	48.8	47.3	47.3	47.8	NNE	2.3	ENE	2.6	E	1.4	1.8	—	—	—	
27	48.5	48.0	48.0	48.2	E	1.2	ENE	2.6	E	1.3	2.2	—	—	—	
28	48.8	48.2	47.7	48.2	ESE	0.6	ENE	2.0	—	0.2	1.4	—	—	—	
29	48.2	47.0	47.7	47.6	SW	1.9	SW	5.6	SSW	7.1	3.9	—	—	0.0	
30	47.0	46.8	46.7	46.8	SW	6.8	SW	9.4	SW	7.5	7.8	—	—	1.0	
平均 Mean	46.1	45.3	45.7	45.7					2.7	3.5		10.3	7.8	16.2	34.3

日 Day	氣 溫 (攝氏) AIR TEMPERATURE. (°C)						濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日 照 時 數 NO. OF HOURS OF SUNSHINE.	蒸 發 量 (耗) AMOUNT OF EVAPORATION.				
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較 差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h			平均 Mean			
1	14.4	27.1	18.8	20.1	23.3	13.6	14.7	71	23	71	55	0	—	0	—	0.0	13.51	8.6		
2	14.8	27.5	21.4	21.9	29.6	14.3	15.3	85	42	61	68	0	—	0	—	0.0	11.71	9.8		
3	15.9	29.5	22.1	22.5	32.4	15.7	16.7	78	41	65	61	0	—	0	—	0.0	13.90	9.0		
4	17.2	23.8	18.1	21.4	29.1	16.8	12.3	78	44	95	72	7	c, kc	10	n	9.0	7.42	5.8		
5	17.3	16.9	15.4	16.5	21.5	15.3	6.2	94	54	93	93	10	n	10	≡	7	1.92	3.7		
6	14.2	23.2	15.9	17.8	24.0	13.7	10.3	93	59	76	76	8	ck, sc	8	c, n	10	n	8.7	10.24	5.8
7	13.3	21.6	16.6	17.2	24.0	12.6	11.4	92	60	84	79	0	—	9	n, kn	6	n, kc	5.0	10.49	5.6
8	13.2	23.3	19.6	18.7	25.5	12.3	7.2	96	55	74	75	0	—	0	k	0	n, kc	0.0	14.23	5.5
9	15.5	26.4	21.7	21.2	27.3	15.0	12.3	92	45	67	68	8	c, cs	7	c, kc	3	n, sc	6.0	9.64	3.9
10	18.0	21.1	20.2	19.8	22.5	17.8	4.7	93	79	86	86	2	c	10	n	7	n, kc	6.3	2.37	3.0
11	17.4	22.7	17.4	19.2	23.3	16.7	6.6	91	73	74	79	10	n	5	c	10	n, sc	8.3	5.32	4.8
12	15.7	21.8	17.8	18.4	22.7	14.5	8.2	88	70	74	77	10	n	10	n	10.0	6.33	4.8	—	—
13	15.7	25.7	20.3	21.6	27.5	15.5	12.1	95	43	82	73	0	—	0	c	0	—	0.0	8.32	7.5
14	15.7	27.4	21.4	21.5	25.9	15.1	13.8	95	49	69	71	9	kc, sk	0	—	0	—	3.0	13.53	5.8
15	17.5	29.1	22.7	23.1	29.8	16.8	13.0	93	42	74	70	0	c	0	c	0	—	0.0	14.01	7.9
16	17.6	31.2	24.8	24.2	31.7	17.0	14.7	93	39	58	63	0	—	0	—	0	—	0.0	12.19	8.1
17	18.6	31.8	23.0	24.5	32.3	17.8	14.5	88	34	60	61	2	c	0	—	0	—	0.7	13.60	10.6
18	19.0	33.0	24.6	25.5	33.1	17.6	15.5	72	30	45	49	0	—	0	—	10	ck, sc	3.3	13.32	12.2
19	19.6	29.7	23.0	24.1	31.1	19.2	11.9	78	45	81	68	3	c, sc	2	k	4	kc	3.0	11.56	7.5
20	17.6	23.7	23.0	23.1	29.4	16.9	12.5	91	47	63	67	4	c	0	—	7	n, kc	1.3	13.25	7.7
21	17.2	31.7	24.1	24.3	32.9	16.2	16.7	85	32	58	55	0	—	0	c	0	—	0.0	13.71	10.6
22	19.0	32.1	19.4	23.5	32.8	17.8	15.4	76	36	41	51	0	—	3	c	0	—	1.0	11.29	11.1
23	15.0	25.0	19.3	19.8	27.2	14.9	12.3	67	33	44	43	10	n	4	sc	4	—	4.7	11.36	10.3
24	16.3	23.8	17.0	19.0	25.0	13.9	11.1	64	27	51	47	8	ck	0	—	0	—	2.7	12.88	9.5
25	13.2	25.4	19.4	19.3	26.6	10.2	16.4	72	27	44	45	0	—	0	—	0	—	0.0	13.52	8.2
26	16.3	24.2	20.8	21.4	23.8	15.7	11.1	69	43	52	55	10	n	6	c, cs	2	c	6.0	8.74	8.5
27	16.2	26.6	21.2	21.3	23.1	15.4	12.7	66	36	51	51	0	—	0	ck	0	—	0.0	13.23	9.0
28	15.1	23.5	21.8	21.8	30.2	14.3	15.9	76	30	57	54	0	—	0	—	0	—	0.0	13.14	8.1
29	19.9	27.9	22.2	23.3	29.7	16.9	12.8	72	46	70	63	10	n, sk	10	n	6	n	8.7	3.43	7.0
30	20.2	26.0	22.9	23.0	23.2	19.4	8.8	76	57	61	61	10	n, kc	9	n, kn	10	n	9.7	4.44	4.3
平均 Mean	16.6	26.6	21.5	21.2	23.1	15.6	12.4	83	46	66	63	4.0		3.4		3.2		3.5	313.25	227.1

* 重力ノ更正 Reduction to standard gravity..... 0.1
海面ノ更正 Reduction to mean sea level..... + 10.2

昭和七年六月

洗南 TAONAN.

JUNE, 1932.

日 Day	氣壓*(耗) AIR PRESSURE. (mm) (700 mm +)				風ノ方向及速度(米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.								降水量(耗) AMOUNT OF PRECIPITATION. (mm)			
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	二十四時 間平均 Mean for 24h.	21-5 ^h	5-13 ^h	13-21 ^h	總計 Total				
1	42.4	42.4	42.8	42.5	W	2.7	WNW	4.3	SSE	3.6	3.1	—	—			
2	43.8	41.7	40.8	42.1	SSW	3.5	S	4.4	ENE	3.6	5.0	—	—			
3	41.6	41.4	41.7	41.9	SW	2.0	W	7.9	NE	6.7	4.2	—	—			
4	41.1	40.3	40.7	40.7	ENE	5.5	NNW	4.7	N	9.1	4.7	—	—			
5	38.3	37.6	38.5	38.1	N	2.4	WSW	9.0	SSW	1.9	2.4	—	—			
6	37.6	36.9	38.1	37.5	ENE	3.6	S	0.9	ESE	3.6	3.8	—	—			
7	38.8	39.1	40.5	39.5	ENE	3.5	E	3.9	NNW	7.3	4.2	—	—			
8	42.7	43.3	43.0	43.0	NNW	3.4	NW	5.5	E	2.3	2.6	—	—			
9	43.3	43.1	44.0	43.5	SE	2.2	SE	1.0	ENE	3.0	4.8	—	—			
10	42.6	41.3	40.2	41.4	ESE	2.0	SSW	4.7	S	2.6	3.6	—	—			
11	36.9	36.0	36.3	36.4	S	1.0	SW	3.6	SE	2.8	4.2	—	—			
12	36.6	36.9	37.3	36.9	S	3.2	SSW	5.9	SSE	1.5	3.8	—	—			
13	38.7	37.9	40.3	39.0	NNW	1.6	SSW	3.8	SSW	5.5	2.6	—	—			
14	41.0	40.6	40.7	40.8	SSW	1.2	SW	3.2	NW	1.5	2.7	—	—			
15	41.4	40.8	40.7	41.0	NW	2.5	NW	3.9	ENE	1.8	2.1	—	—			
16	40.4	40.3	40.0	40.2	SW	1.2	SW	1.4	SSW	2.2	2.4	—	—			
17	40.6	39.7	39.5	39.9	SSW	3.1	SSW	1.2	SSW	2.0	5.4	—	—			
18	38.3	38.2	42.8	39.8	SSW	3.7	WSW	9.1	N	8.4	7.3	—	—			
19	44.4	43.8	43.3	43.8	N	4.1	ENE	8.5	ENE	8.5	3.6	—	—			
20	43.5	41.9	41.1	42.2	NE	4.0	S	3.2	W	2.9	2.8	—	—			
21	40.5	37.8	37.0	38.4	SSW	3.9	SSW	3.1	S	1.2	4.9	—	—			
22	35.9	35.9	41.7	37.8	SSW	3.8	NW	6.0	NW	4.7	6.9	—	—			
23	42.8	42.0	40.6	41.8	NNW	1.8	SSE	14.0	SSE	4.7	2.8	—	—			
24	44.4	42.7	44.3	43.8	NNW	5.3	NNW	6.1	ENE	1.8	4.6	—	—			
25	45.3	43.2	43.6	44.0	N	2.6	NNW	4.1	E	4.4	2.9	—	—			
26	44.7	43.5	44.3	44.2	NE	1.2	W	3.0	WSW	4.1	3.1	—	—			
27	46.3	44.0	44.2	44.8	WSW	1.4	SE	1.8	W	2.9	2.4	—	—			
28	44.7	43.7	42.9	43.8	NNW	3.0	WNW	2.6	WNW	3.4	2.7	—	—			
29	43.0	41.5	40.7	41.7	NW	2.0	S	9.0	S	3.2	3.8	—	—			
30	41.1	40.2	42.1	41.1	SW	2.6	SSW	2.0	SSE	3.3	2.4	—	—			
平均 Mean	41.4	40.6	41.1	41.0		2.8		4.7		3.7	3.7	9.3	1.2	34.9	45.4	

日 Day	氣溫(攝氏) AIR TEMPERATURE. (°C)							濕度(百分率) REL. HUMIDITY. (%)				雲量(0-10)及雲形 AMOUNT (0-10) AND FORMS OF CLOUD.				日照 時數 NO. HOURS SUNSHINE.	蒸發 量 AMOUNT OF EVAPORATION. (公) 釐		
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	平均 Mean				
1	12.7	27.5	19.9	20.0	23.0	7.6	21.4	63	20	35	39	0	—	0	—	0.0	14.40	12.4	
2	15.6	31.1	20.9	22.5	32.6	12.0	20.6	83	28	65	59	0	—	0	—	3.3	12.85	15.3	
3	16.7	30.6	22.3	23.2	32.8	15.8	17.0	83	22	43	49	0	—	0	—	0.0	13.46	13.1	
4	16.2	22.5	15.3	18.0	24.4	15.2	9.2	77	54	91	74	10	n	3	n	7.7	2.82	3.6	
5	13.4	21.9	17.2	17.5	22.8	12.7	10.1	99	50	54	68	10	s	10	se	9.0	4.80	6.5	
6	13.9	25.2	15.9	18.3	26.4	13.0	13.4	90	30	74	65	10	sk	10	kn	9.0	7.80	7.4	
7	12.9	23.5	16.9	17.8	24.4	12.2	12.2	90	47	64	67	8	sk	10	kn	6.0	10.50	9.4	
8	13.8	25.1	19.1	19.3	27.0	12.4	14.6	83	37	65	62	0	—	5	k	1.7	12.02	8.4	
9	16.8	25.7	18.5	20.3	26.4	15.2	11.2	78	42	87	69	9	c	10	kn	9.7	5.73	7.2	
10	17.3	21.7	18.1	19.0	22.8	16.4	6.4	91	76	89	85	4	c	10	kn	4.7	5.84	3.9	
11	17.4	24.3	15.5	19.1	24.8	15.2	9.6	92	57	86	78	8	sk	9	kn	9.0	5.96	5.4	
12	13.5	24.1	17.3	18.3	26.2	13.0	13.2	94	44	84	74	2	sk	6	k	4.7	12.82	7.5	
13	14.3	27.1	18.6	20.0	27.6	12.8	14.8	100	36	74	70	10	s	2	k	7.3	9.57	5.7	
14	16.5	29.5	22.4	22.8	30.6	14.5	16.1	86	32	62	60	4	sk	6	s	3.7	11.39	9.8	
15	17.9	31.3	25.0	24.7	32.2	15.0	16.6	79	25	45	50	0	—	2	k	0.7	14.47	10.6	
16	19.1	34.2	26.2	26.5	34.5	16.8	17.9	69	24	42	45	0	—	4	k	4.0	12.93	13.5	
17	19.2	35.8	31.1	28.7	36.7	19.0	17.7	66	21	23	37	1	sk	10	n	3.7	11.17	18.5	
18	21.7	35.6	18.6	25.3	36.7	18.4	18.3	52	26	74	51	2	sk	10	kn	6.3	10.21	11.9	
19	17.1	27.4	22.7	22.4	28.0	16.7	11.3	51	35	54	47	0	—	0	—	0.0	13.94	11.0	
20	18.5	30.2	23.5	24.1	31.9	18.0	13.9	82	36	62	60	4	sk	6	sk	5.3	10.64	10.4	
21	19.5	34.3	28.4	27.4	35.4	18.2	17.2	67	25	31	42	1	c	8	sk	4.3	13.44	16.2	
22	21.5	29.5	17.1	22.7	34.4	17.0	17.4	52	28	47	42	0	—	10	sk	3.3	9.87	13.9	
23	12.9	25.7	22.1	20.2	28.2	12.4	15.8	72	24	36	44	9	sk	4	kn	4.7	13.00	10.4	
24	11.7	24.3	17.6	17.9	25.6	11.0	14.6	84	26	47	52	3	sk	0	—	3.3	14.23	9.4	
25	12.1	25.1	19.8	19.0	26.1	10.2	15.9	77	26	49	51	0	—	2	sk	3.7	13.60	9.9	
26	16.5	25.4	21.1	21.0	26.3	15.4	10.9	77	39	45	54	10	sk	9	sk	7.7	11.75	9.7	
27	17.7	27.0	20.9	21.9	28.6	15.4	13.2	76	33	35	48	7	sk	2	sk	3.0	10.32	10.2	
28	18.1	29.8	22.8	23.6	30.3	15.3	15.0	63	30	40	44	6	sk	10	k	5.3	14.03	10.1	
29	18.3	25.5	19.6	21.1	26.8	16.9	10.0	70	50	94	71	10	n	10	n	10.0	2.26	3.9	
30	18.9	26.1	18.5	21.2	26.6	18.4	8.2	91	58	87	79	10	n	8	n	8.0	5.74	6.4	
平均 Mean	16.4	27.6	20.4	21.5	23.9	14.7	14.1	78	36	59	58	4.6		4.9		5.4	5.0	311.25	291.6

* 重力ノ更正 Reduction to standard gravity..... - 0.0
海面へノ更正 Reduction to mean sea level..... + 13.5

哈爾濱

HARBIN.

昭和七年六月

JUNE, 1932.

日 Day	氣 壓 * (耗) AIR PRESSURE. (mm) (700 mm +)				風ノ 方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.								降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)				
	5h	13h	21h	平均 Mean	5h	13h	21h	二十四時 間平均 Mean for 24h.	21-5h	5-13h	13-21h	總計 Total					
1	42.2	43.0	45.6	43.6	W	6.8	W	6.7	—	0.2	5.6	—	—	—			
2	46.4	45.0	43.1	44.8	S	3.8	SSW	4.0	SSE	3.5	3.9	—	—	—			
3	43.5	41.5	42.6	42.5	S	5.7	SW	6.7	N	1.2	5.4	—	—	—			
4	43.2	41.4	41.1	41.9	N	1.1	NNE	2.3	NE	3.2	2.2	—	—	—			
5	40.8	39.7	40.6	40.4	S	2.2	SSE	5.8	S	2.9	3.4	8.0	4.2	7.0			
6	41.4	41.6	41.0	41.3	S	2.0	S	3.3	E	1.3	3.0	1.0	0.9	2.1			
7	41.6	41.7	42.2	41.8	SE	2.0	S	1.1	ENE	1.1	1.9	—	—	0.2			
8	43.4	43.1	44.2	43.6	SE	1.2	WNW	0.9	ENE	2.7	1.6	—	2.6	2.6			
9	46.1	45.5	45.5	45.7	E	2.0	NW	1.0	ENE	3.5	2.2	—	—	—			
10	45.9	44.0	42.1	44.0	—	0.4	E	2.8	ESE	1.3	2.0	—	0.0	4.6			
11	39.5	39.1	39.8	39.5	S	2.3	SSW	5.0	ENE	3.2	3.4	0.4	1.4	6.0			
12	40.7	41.3	40.1	40.7	SSE	4.7	SSW	4.2	SSW	2.6	3.8	19.0	0.5	1.2			
13	40.0	39.9	41.8	40.6	S	2.7	SSW	5.1	SSE	2.0	3.6	0.4	2.6	3.0			
14	42.9	42.6	42.7	42.7	S	4.7	SSW	5.8	SW	3.4	4.5	—	1.5	2.9			
15	43.0	42.1	42.1	42.4	SSE	3.6	SW	4.1	S	2.3	3.4	7.3	—	7.3			
16	42.0	41.8	42.1	42.0	S	0.7	SW	2.2	S	2.5	1.9	—	—	—			
17	42.3	41.6	42.0	42.0	S	2.5	SSW	5.8	SSE	4.4	3.9	—	—	—			
18	41.9	40.5	43.6	42.0	S	5.8	SW	7.3	NNW	11.4	5.8	—	—	—			
19	45.0	45.0	44.6	44.9	N	0.7	NE	1.5	NE	2.3	1.6	5.8	0.6	—			
20	45.3	43.9	42.7	44.0	NE	1.9	E	1.2	SSE	2.2	1.8	—	—	6.4			
21	42.2	40.2	38.9	40.4	S	3.9	SSW	5.8	SSW	2.9	3.7	—	—	—			
22	38.7	36.9	31.5	38.4	S	3.0	SW	6.7	NW	6.4	4.7	—	—	—			
23	42.4	43.1	43.0	42.8	NW	4.1	WNW	3.2	SE	2.3	3.2	—	—	—			
24	43.0	43.2	43.9	43.4	NW	4.1	WNW	6.4	WNW	4.0	4.8	—	0.3	0.4			
25	44.0	42.9	43.5	43.5	NW	5.0	NW	5.3	N	2.2	4.9	1.6	1.8	1.5			
26	45.1	44.5	45.7	45.1	NNW	0.6	NE	1.3	—	0.1	1.4	—	—	—			
27	46.6	45.7	46.4	46.2	E	0.5	NE	1.8	NE	1.8	1.1	—	—	0.5			
28	47.3	46.2	46.2	46.6	E	1.9	E	1.8	SE	1.1	1.8	—	—	0.5			
29	46.3	45.0	45.2	45.5	SSE	3.5	SSW	3.3	SE	2.7	3.3	—	—	14.3			
30	43.9	43.6	42.6	43.4	S	5.8	SSW	8.9	S	3.2	5.7	1.6	0.1	2.7			
平均 Mean	43.2	42.5	42.8	42.9		3.6		4.0		2.8	3.3	45.1	16.5	44.5	116.1		

日 Day	氣 溫 (攝氏) AIR TEMPERATURE. (°C)						濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日 照 時 數 NO. OF HOURS WITH SUNSHINE.	蒸 發 量 (耗) AMOUNT OF EVAPORATION. (mm)				
	5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較 差 Range	5h	13h	21h	平均 Mean	5h	13h	21h			平均 Mean			
1	15.8	23.9	15.0	18.2	24.3	13.7	10.6	82	36	63	60	0	—	1	0	0.3	13.90	9.4		
2	14.6	28.8	22.8	22.1	30.7	12.7	18.0	81	34	65	60	0	—	0	0	0.0	13.51	11.5		
3	18.6	29.8	20.7	23.0	30.1	18.1	12.0	73	27	55	52	4	kc, ck	1	0	1.7	11.60	11.3		
4	14.6	26.5	18.0	19.7	28.1	14.0	14.1	76	36	89	67	6	c, ck	8	kc	8.0	8.46	8.3		
5	17.6	22.5	16.2	18.8	22.7	17.0	5.4	93	67	92	84	10	n	8	kn, n	9.3	2.09	3.9		
6	15.6	16.6	15.1	15.8	18.6	14.8	3.8	86	87	79	84	9	n, kc	10	n	5-k, kn	8.0	2.55	1.9	
7	12.8	20.6	16.2	16.5	21.7	11.6	10.1	90	58	88	79	6	kc	8	kn, k	0	4.7	6.00	4.4	
8	14.6	22.7	16.4	17.9	22.9	13.3	9.6	91	59	90	86	4	ck	4	k, kn	0	2.7	8.35	4.2	
9	12.6	22.2	15.8	16.9	23.7	11.5	12.2	92	59	76	76	2	k	8	sc, kn	9	kc, n	6.3	6.95	4.5
10	13.8	21.6	16.9	17.4	22.8	13.5	9.3	90	63	96	83	10	n	10	n, k	10	n, kn	10.0	0.75	2.0
11	16.8	21.2	15.6	17.9	23.6	15.6	8.0	93	69	91	84	10	n	8	kn, ck	10	n	9.3	2.66	4.7
12	16.5	19.8	16.2	17.5	21.5	13.5	8.0	85	79	93	86	10	n, sk	10	n, kn	10	n	10.0	0.00	1.1
13	16.4	20.8	19.0	18.7	24.3	15.7	8.6	93	78	76	82	10	n	6	kn, k	1	sk	5.7	6.87	5.6
14	17.2	24.8	20.4	20.8	28.0	16.9	11.1	90	63	66	73	6	ck, kn	6	kc	10	n, kn	7.3	9.58	8.0
15	16.2	27.6	21.6	21.8	29.8	16.0	13.8	82	48	78	69	0	—	1	k	0	—	0.3	14.10	6.9
16	19.3	30.4	22.0	23.9	31.8	17.6	14.2	83	40	75	66	0	—	0	—	1	c	0.3	13.25	8.5
17	20.1	32.9	25.6	26.2	33.7	19.7	14.0	80	31	55	55	0	—	4	c	0	—	1.3	13.58	11.8
18	23.2	32.8	24.6	26.9	34.5	21.0	13.5	83	27	64	48	2	c	3	c	9	n, kn	4.7	12.78	10.0
19	18.4	24.6	22.0	21.7	26.2	17.1	9.1	95	62	69	75	10	n	7	kn, k	0	—	5.7	6.74	5.5
20	17.7	29.6	23.4	23.6	31.6	16.6	15.0	74	55	75	68	5	k, kn	3	kn	0	—	2.7	12.00	9.2
21	20.6	32.6	25.4	26.2	33.7	20.4	13.3	83	28	43	51	1	c	2	k, c	4	sc, k	2.3	13.44	10.7
22	21.7	34.6	18.9	25.1	35.2	18.8	16.4	69	24	59	51	5	c, cs	1	k	7	k, kc	4.3	13.60	11.6
23	13.0	20.8	17.0	16.9	23.7	13.0	10.7	87	48	62	66	8	sk	9	sc, cs	4	c, cs	7.0	6.10	7.0
24	15.6	18.8	14.6	16.3	20.9	12.2	8.7	74	42	67	61	4	kc, sk	4	k	3	kc	3.7	8.15	5.2
25	11.2	15.9	13.5	13.4	20.1	11.0	9.1	94	72	86	85	10	n	10	n, kn	1	c	7.0	2.06	8.2
26	11.8	21.2	17.8	16.9	22.5	10.8	11.7	97	65	70	77	10	sc, n	10	cs	0	—	6.7	8.20	10.4
27	15.4	24.8	18.8	19.6	26.1	11.4	14.7	95	48	70	71	3	c	6	kn, k	8	sk, kc	5.7	10.09	5.7
28	16.0	26.6	20.1	20.9	27.8	14.0	13.8	79	34	66	60	6	cs, c	2	c, k	2	c	3.0	13.50	8.1
29	18.6	28.6	18.6	21.9	29.7	16.4	13.3	73	40	95	69	0	—	10	kn, sc	10	n	6.7	9.57	11.0
30	20.0	20.5	16.2	18.9	21.6	16.2	5.4	73	76	92	80	10	n	10	n, sk	10	n	10.0	0.00	11.6
平均 Mean	16.5	24.8	18.8	20.0	26.4	15.1	11.3	84	52	75	70.5	5.4		5.6		4.5	5.2	250.43	22.9	

* 重力ノ更正 Reduction to standard gravity..... + 0.1
海面へノ更正 Reduction to mean sea level..... + 12.7

昭和七年六月

齊々哈爾 TSITSIHAR.

JUNE, 1932.

日 Day	氣 壓 * (耗) AIR PRESSURE. (mm) (700 mm +)				風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.								降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)				
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	二十四時 間平均 Mean for 24h.	21-5 ^h	5-13 ^h	13-21 ^h	總計 Total					
1	35.0	41.4	42.7	41.4	WNW	3.8	W	1.8	ENE	1.9	1.6	—	—	—	—		
2	43.3	41.0	39.1	41.1	SSE	1.7	W	1.3	ENE	4.4	1.6	—	—	2.8	2.8		
3	39.3	40.0	41.8	40.4	SW	1.2	W	4.7	N	0.6	2.0	0.1	—	—	0.1		
4	42.6	41.8	39.8	41.4	NNW	2.5	NNE	1.8	N	3.2	1.9	—	—	0.7	0.7		
5	37.9	37.5	37.9	37.8	N	3.0	SW	0.8	SE	2.0	1.8	—	0.1	0.0	1.3		
6	37.9	37.3	39.3	38.2	E	3.2	SSW	3.3	NE	2.4	3.1	—	—	9.3	9.3		
7	39.5	39.8	41.0	40.1	E	1.8	S	1.3	SSE	0.8	1.6	0.2	—	—	0.2		
8	41.6	41.6	42.6	41.9	SE	1.1	SE	1.2	—	0.4	1.0	—	—	0.2	0.2		
9	43.7	44.1	43.4	43.7	S	2.7	WSW	1.3	SSE	4.3	2.7	—	0.0	5.1	5.1		
10	42.7	40.9	33.7	40.8	SSW	2.3	SSW	4.8	SSW	3.6	4.0	29.6	0.2	1.2	31.0		
11	36.1	34.4	35.6	35.4	SE	4.6	SW	2.6	SSW	3.3	2.4	1.1	—	9.5	10.6		
12	35.6	35.8	36.7	36.0	S	1.9	SW	4.1	SE	2.3	2.1	0.1	—	—	0.1		
13	37.5	37.3	38.5	37.8	WSW	0.6	WNW	1.2	SE	1.9	1.6	—	—	8.5	8.5		
14	39.3	40.1	39.3	39.6	SSW	0.9	NW	3.9	S	1.1	1.9	—	—	—	—		
15	40.1	39.9	39.4	39.8	—	0.1	W	1.0	SSE	1.7	0.9	—	—	—	—		
16	40.0	39.4	33.6	39.3	WSW	1.6	E	1.4	S	2.9	1.4	—	—	—	—		
17	37.1	37.0	37.3	37.1	WSW	1.9	WNW	4.7	SSE	2.6	2.9	—	—	—	—		
18	38.6	40.1	41.4	40.0	ENE	1.6	E	6.3	E	2.4	3.5	—	—	1.0	1.0		
19	44.1	44.3	43.7	44.0	E	2.2	NE	3.0	E	1.9	2.8	—	—	—	—		
20	43.9	42.4	40.8	42.4	W	1.6	SSW	2.0	N	2.1	1.7	—	—	—	—		
21	38.1	37.5	36.9	37.5	—	0.0	ENE	3.3	SE	1.5	2.5	—	—	—	—		
22	34.7	35.2	41.0	36.6	SE	3.7	NNE	2.8	N	7.9	2.3	—	—	0.4	0.4		
23	41.8	41.0	41.1	41.3	WNW	1.9	SW	1.1	ENE	2.7	2.3	—	—	0.1	0.1		
24	43.0	42.0	44.1	43.0	E	6.3	NE	5.1	ENE	5.9	4.5	17.5	—	0.0	17.5		
25	43.9	42.8	43.8	43.5	NNW	5.0	ENE	6.8	SE	2.2	4.0	0.1	—	—	0.1		
26	44.4	43.8	44.7	44.3	—	0.0	ENE	2.6	ENE	1.4	1.5	—	—	—	—		
27	45.8	44.5	44.5	44.9	NE	1.2	NNW	2.2	SE	1.5	1.2	—	—	—	—		
28	44.7	44.0	43.2	44.0	S	2.8	WSW	1.5	S	0.8	1.9	—	—	—	—		
29	43.1	42.8	39.5	41.8	W	0.6	SSW	3.6	SE	4.9	2.0	—	—	44.6	44.6		
30	39.1	39.5	40.6	39.7	WNW	4.1	W	2.8	W	1.3	2.6	1.0	—	5.2	6.2		
平均 Mean	40.6	40.3	40.5	40.5			2.2			2.5	2.2	51.0		0.3	88.6	139.9	

日 Day	氣 溫 (攝氏) AIR TEMPERATURE. (°C)							濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日 照 時 數 NO. OF HOURS WITH SUNSHINE.	蒸 發 量 (耗) AMOUNT OF EVAPORATION. (mm)			
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	平均 Mean					
1	12.4	21.6	15.4	16.5	25.1	10.4	14.7	70	29	74	58	1	ck	1	ck	0	—	0.7	14.04	8.5
2	15.4	26.8	19.6	20.6	28.3	10.0	18.3	82	29	73	61	0	—	9	ck	0	kn	6.3	11.20	9.4
3	15.2	24.1	19.4	19.6	25.5	14.1	11.4	86	28	60	58	0	—	4	ck, k	0	—	1.3	13.32	7.8
4	17.3	18.3	14.4	16.7	19.9	12.0	7.9	59	59	86	68	10	—	10	kn	10	u	10.0	4.00	3.1
5	13.6	20.2	16.6	16.8	21.7	13.1	8.6	97	60	96	84	10	—	10	kn	10	u	10.0	4.52	5.3
6	17.1	23.5	15.0	18.5	24.1	11.9	12.2	80	44	88	71	10	—	10	ca, ck	10	kn	10.0	10.00	6.8
7	14.1	21.1	17.4	17.5	22.2	14.1	8.1	90	51	84	75	9	—	6	kn	8	kn	7.7	6.40	5.4
8	14.8	22.7	18.5	18.7	24.3	12.1	12.2	81	51	74	69	0	—	7	k	4	ck	3.7	10.39	3.6
9	16.1	20.2	17.1	17.8	21.1	14.7	6.4	87	69	94	83	5	—	10	u	10	u	8.3	1.16	1.0
10	15.0	20.7	18.1	17.9	21.9	15.0	6.9	95	72	94	87	10	—	10	kn	10	u	10.0	4.35	5.2
11	17.5	22.2	15.2	18.3	24.2	14.7	9.5	87	64	88	80	9	—	9	ck	9	—	9.0	6.65	5.2
12	15.0	22.1	16.9	18.0	23.9	14.0	9.9	95	62	88	82	10	—	10	ck	10	kn	8.7	6.53	4.8
13	14.4	21.8	16.6	17.6	24.8	14.4	10.4	95	55	83	78	10	—	5	ck	4	ck	6.3	7.00	7.4
14	16.5	25.6	19.1	20.4	27.2	12.8	14.4	93	35	79	69	0	—	4	ck	0	—	1.3	13.10	5.9
15	17.5	27.1	22.5	22.4	31.1	14.4	16.7	85	41	76	67	0	—	1	ck	1	ck	0.7	14.00	6.5
16	19.6	29.5	24.2	24.4	31.5	17.2	14.9	64	41	79	61	0	—	6	ck	10	ck	5.3	13.20	7.4
17	20.5	32.2	24.9	25.9	34.2	17.5	16.7	66	28	74	56	9	—	8	ck	2	ck	6.3	10.98	8.2
18	22.5	25.9	15.7	21.4	27.0	15.7	11.3	63	40	96	66	9	—	10	ca	4	ck	7.7	11.40	8.7
19	16.5	24.9	19.6	20.3	26.7	13.4	13.3	65	21	56	47	1	—	0	—	1	—	0.7	14.10	16.0
20	18.6	27.6	22.5	22.9	29.8	14.1	15.7	48	28	66	47	0	—	6	ck	0	—	2.0	14.20	9.4
21	20.0	29.4	23.0	24.1	30.7	19.1	11.6	89	46	80	72	8	—	4	ck, k	3	ck	5.0	11.20	8.9
22	21.2	26.4	13.0	20.2	29.0	13.0	16.0	85	58	81	75	0	—	7	ck	10	kn	5.7	7.60	8.1
23	13.4	23.7	18.5	18.5	25.1	10.8	14.3	73	27	95	65	9	—	4	ck	4	ck	7.7	8.40	6.0
24	12.5	19.0	13.1	14.9	19.5	10.8	8.7	81	52	74	69	10	—	4	ck	5	ck	6.3	7.19	6.9
25	12.6	20.6	15.4	16.2	21.9	11.2	10.7	87	45	89	74	1	—	3	ck	2	ck	2.0	13.00	6.2
26	17.2	21.1	18.0	18.8	22.9	12.8	10.1	95	48	74	72	9	—	10	ca, ck	0	—	6.3	12.20	6.4
27	17.4	23.8	19.9	20.4	25.9	13.7	12.2	79	51	71	67	2	—	6	ck, c	0	—	2.7	9.70	5.9
28	17.0	26.1	20.5	21.2	27.0	15.0	12.0	78	44	76	66	9	—	9	ck	7	ck	8.3	0.00	4.7
29	18.2	22.5	18.5	19.7	24.9	17.3	7.6	61	72	94	76	10	—	10	u	10	u	10.0	0.00	4.0
30	17.6	22.7	17.8	19.4	24.6	17.4	7.2	90	64	88	81	10	—	8	kn	9	kn	9.0	1.91	4.8
平均 Mean	16.6	23.8	18.2	19.5	25.5	13.9	11.6	80	47	81	69	5.7		6.6		5.6	6.0	261.73	191.5	

* 重力ノ更正 Reduction to standard gravity.....+ 0.1
海面へノ更正 Reduction to mean sea level.....+ 17.7

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昭和七年七月

滿 洲 氣 象 表

REPORT

OF THE

METEOROLOGICAL OBSERVATIONS

MADE AT THE

METEOROLOGICAL STATIONS

IN

MANCHURIA.

JULY, 1932.

PUBLISHED BY THE METEOROLOGICAL OBSERVATORY, DAIREN.

075630

現象記號

ILLUSTRATION OF SYMBOLS

(1) 萬國共通記號 *International symbols*

雨 ● Rain	霜 □ Hoar frost	日暈 ⊕ Solar halo
雪 ✖ Snow	露 △ Dew	日光環 ⊙ Solar corona
電雷 ☳ Thunder storm	霧氷 ∨ Silver thaw	月暈 ⊕ Lunar halo
雷聲 ⊥ Thunder without lightning	雨水 ~ Glazed frost	月光環 ⊙ Lunar corona
電光 < Lightning without thunder	吹雪 + Snow drift	虹 ∩ Rainbow
霰 △ Graupel	細氷 ← Ice crystals	極光 ≡ Aurora
雹 ▲ Hail	積雪 ☒ Snow lying	煙霧 ∞ Haze
霧 ≡ Mist, fog	暴風 ⚡ Gale	黃道光 ♃ Zodiacal light

(2) 其他ノ記號 *Other symbols*

凍雨 Ⓐ Frozen rain	凍露 Ⓖ Frozen dew	結氷 ≡ Ice
霜柱 ⊥ Ice columns in ground	波狀雲 m Undulated cloud	黃砂 ≡ Yellow dust
朝暈 ⊥ Red sky	海鳴 手 Oceanic noise	地震 ⊕ Earthquake
卷雲 C Cirrus	卷層雲 CS Cirro-stratus	卷積雲 CK Cirro-cumulus
層雲 S Stratus	高層雲 SC Alto-stratus	層積雲 SK Strato-cumulus
積雲 K Cumulus	高積雲 KC Alto-cumulus	積亂雲 KN Cumulo-nimbus
亂雲 N Nimbus		

(3) 現象ノ強サ *The intensity of the phenomena*

現象ノ強弱ヲ示ス爲ニ記號ノ右肩ニ012ノ數字ヲ記ス例ヘバ

The intensity of a phenomenon is shown by an index added to its symbol, thus:—

微雨 ●⁰ slight rain 中雨 ●¹ moderate rain 強雨 ●² heavy rain

地震震度階級 *Intensity of earthquakes*

微震 ⊙⁽¹⁾ slight 弱震(弱キ方) ⊙⁽²⁾ moderate 弱震 ⊙⁽³⁾ rather strong
 強震(強キ方) ⊙⁽⁴⁾ strong 強震 ⊙⁽⁵⁾ very strong 烈震 ⊙⁽⁶⁾ disastrous

凡 例

本編ハ昭和七年七月中滿洲各觀測所ニ於ケル氣象觀測ノ成績ヲ示スモノニシテ其ノ觀測ノ時刻方法等ハ日本各測候所ト全ク同一ノ式ニ據ル今其要點ヲ擧グレバ

觀測時ハ日本西部標準時即チ東經百二十度ノ地ノ平時ニ據リ夜半ヲ日界トスル二十四時間制ヲ用フ但シ日照時數ハ眞太陽時ニ據ル

氣壓ハ耗ヲ以テ示シ晴雨計示度ニ施スニ單ニ溫度ノ更正ノミヲ以テシ海面上高サノ更正及重力ノ更正ハ施サズ

溫度ハ攝氏ノ度ニ據ル但シ氷點以下ノ度ハ負數ヲ用ヒズ百ヨリ其度ヲ減ジ其餘數ヲ以テ之ヲ示ス即チ氷點以下一度ハ九十九度氷點以下五度ハ九十五度ト記スルガ如シ

或ル觀測時ニ於ケル風速ハ其觀測時前二十分間ノ平均風速ヲ以テ之ヲ示ス

平均雲量ニ未滿ナル日ヲ快晴トシ八以上ナル日ヲ曇天トス

風ノ速度一秒時間十米以上ヲ觀測シタル日ヲ暴風日トス

INTRODUCTION.

The present publication contains the results of the meteorological observations made at the meteorological stations in Manchuria for the month of July, 1932.

The instruments and the method of observation are the same as those at the meteorological stations in Japan. The followings are to be particularly noticed.

Hours of Observations.—The Western Standard Time of Japan (civil mean time of the meridian 120° E.) is adopted. For the measure of sunshine duration the apparent solar time is used.
Pressure.—The barometric readings in millimetres are reduced only to freezing point.

Temperature.—The degrees are given in Centigrade; those below zero are shown by adding 100, to avoid the minus sign; thus 99° for -1°, 95° for -5°, etc.

Velocity of the Wind.—As the velocity at any time is given the mean for the preceding 20 minutes.

Clear and Cloudy Days.—The mean amount of cloud for a clear day is less than 2 exclusive, and for a cloudy day is more than 8 inclusive.

Days with Gales.—As such are counted the days on which the maximum velocity reaches or exceeds 10 metres per second.

大 連

DAIREN.

昭和七年七月

JULY, 1932.

Table with columns for Day, Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Includes sub-columns for hourly and mean values.

Table with columns for Day, Air Temperature (°C), Relative Humidity (%), Amount and Forms of Cloud, and Evaporation (mm). Includes sub-columns for hourly and mean values.

* 重力ノ更正 Reduction to standard gravity..... - 0.4
海面ノ更正 Reduction to mean sea level..... + 8.4

管 口
YINGKOW.

昭和七年七月

JULY, 1932.

Table with columns: 日 (Day), 氣 壓 * (耗) AIR PRESSURE (mm) (700 mm +), 風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND, 降 水 量 (耗) AMOUNT OF PRECIPITATION (mm), 平均 Mean, 2h, 6h, 10h, 14h, 18h, 22h, 22-2h, 2-6h, 6-10h, 10-14h, 14-18h, 18-22h, 總計 Total.

Table with columns: 日 (Day), 氣 溫 (攝氏) AIR TEMPERATURE (°C), 濕 度 (百分率) REL. HUMIDITY (%), 雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD, 日 照 時 數 NO. OF HOURS WITH SUNSHINE, 蒸 發 量 (耗) AMOUNT OF EVAPORATION.

* 重力ノ更正 Reduction to standard gravity..... 0.3
海面へノ更正 Reduction to mean sea level..... + 0.3

奉天 FENGTIEN.

昭和七年七月

JULY, 1932.

Table with columns for Day, Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Includes sub-columns for 2h, 6h, 10h, 14h, 18h, 22h, and Mean values.

Table with columns for Day, Air Temperature (°C), Relative Humidity (%), Amount of Cloud (0-10) and Form of Cloud,日照時數 (Hours of Sunshine), and 蒸發量 (Evaporation). Includes sub-columns for 2h, 6h, 10h, 14h, 18h, 22h, and Mean values.

* 重力ノ更正 Reduction to standard gravity..... 0.2
海面ノ更正 Reduction to mean sea level..... 3.8

長 春
CHANGCHUN.

昭和七年七月

JULY, 1932.

Table with columns for Day, AIR PRESSURE (mm), DIRECTION AND VELOCITY (m/sec) OF WIND, and AMOUNT OF PRECIPITATION (mm). Includes sub-columns for 2h, 6h, 10h, 14h, 18h, 22h, and Mean. Total precipitation for the month is 241.7 mm.

Table with columns for Day, AIR TEMPERATURE (°C), REL. HUMIDITY (%), AMOUNT (0-10) AND FORMS OF CLOUD, and AMOUNT OF EVAPORATION. Includes sub-columns for 2h, 6h, 10h, 14h, 18h, 22h, and Mean. Total evaporation for the month is 147.9 mm.

* 重力ノ更正 Reduction to standard gravity..... - 0.1
海面ノ更正 Reduction to mean sea level..... + 19.4

昭和七年七月

旅 順 RYOJUN.

JULY, 1932.

Table with columns: 日 (Day), 氣 壓 * (耗) AIR PRESSURE (mm), 風ノ方向及速度 (米秒) DIRECTION AND VELOCITY (m/sec) OF WIND, 降 水 量 (耗) AMOUNT OF PRECIPITATION (mm). Includes sub-columns for 5h, 13h, 21h, and 平均 (Mean).

Table with columns: 日 (Day), 氣 溫 (攝氏) AIR TEMPERATURE (°C), 濕 度 (百分率) REL. HUMIDITY (%), 雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD, 日 照 時 數 NO. OF HOURS WITH SUNSHINE, 蒸 發 量 (公厘) AMOUNT OF EVAPORATION (mm).

* 重力ノ更正 Reduction to standard gravity..... 0.4
海面ノ更正 Reduction to mean sea level..... 6.9

昭和七年七月

鞍山 ANSHAN.

JULY, 1932.

Table with columns for Day, AIR PRESSURE (mm), DIRECTION AND VELOCITY (m/sec) OF WIND, and AMOUNT OF PRECIPITATION (mm). Includes sub-columns for 6h, 14h, 22h, and Mean values.

Table with columns for Day, AIR TEMPERATURE (°C), REL. HUMIDITY (%), AMOUNT (0-10) AND FORMS OF CLOUD, and AMOUNT OF EVAPORATION (mm). Includes sub-columns for 6h, 14h, 22h, and Mean values.

* 重力ノ更正 Reduction to standard gravity..... 0.3
海面へノ更正 Reduction to mean sea level..... 3.4

日 Day	氣 壓 * (耗) AIR PRESSURE. (mm) (700 mm +)				風 / 方向 及 速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.						降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)				
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	二十四 小時 平均 Mean for 24h.	21-5 ^h	5-13 ^h	13-21 ^h	總計 Total			
1	46.9	45.8	46.8	46.5											
2	40.0	47.6	48.1	47.4	W	5.4	S	4.2	ESE	1.7	3.6	0.0			
3	48.6	46.4	44.6	46.5	—	0.4	WNW	2.2	SSE	1.3	1.0	—			
4	45.6	44.6	44.3	44.8	SE	1.1	SSE	4.9	SSE	7.7	3.2	—			
5	43.0	42.7	43.0	42.9	SW	3.8	WSW	3.4	SSW	2.3	3.9	—			
6	41.9	40.5	40.2	40.9	SW	3.9	SW	5.3	SSW	2.2	4.0	0.4			
7	41.2	40.4	42.1	41.2	SSW	4.9	SSW	5.1	WSW	2.1	4.2	1.6			
8	43.0	43.0	43.0	43.0	SSW	2.7	ENR	1.1	NNE	2.2	2.2	—			
9	42.5	43.6	43.7	43.3	NNE	2.5	N	1.1	SW	1.0	1.8	—			
10	44.1	43.6	43.5	43.7	S	4.3	W	4.0	SSE	3.8	2.4	1.4			
11	43.1	44.4	45.2	44.2	S	3.8	SSW	5.4	SSW	1.5	3.2	3.0			
12	45.9	45.7	45.7	45.8	SW	0.5	NW	1.0	—	0.0	0.7	—			
13	45.2	44.5	44.6	44.8	SSW	1.2	SSW	1.5	SSW	1.2	1.2	—			
14	44.1	45.7	45.3	45.7	—	2.0	—	0.4	SSW	0.7	1.3	—			
15	41.4	38.7	40.1	40.1	SSE	0.8	S	0.6	WSW	0.7	0.9	—			
16	42.3	42.3	42.5	42.4	SSE	1.9	SW	2.6	WSW	3.0	2.2	0.8			
17	42.2	40.2	41.1	41.2	SW	2.0	SW	2.3	SW	2.5	2.3	—			
18	39.5	38.6	40.0	39.4	SW	2.1	SW	2.6	SSW	2.3	2.3	—			
19	40.0	40.0	40.1	40.0	SW	3.0	SSW	3.3	SSW	1.7	3.2	—			
20	40.7	41.5	41.8	41.3	SW	2.4	SW	3.4	SW	1.9	2.3	—			
21	39.9	40.7	43.1	41.2	SW	3.5	SW	4.2	SSW	2.7	3.4	—			
22	42.6	43.4	44.1	43.4	SSW	3.3	SSW	3.2	SW	4.7	3.2	27.1			
23	43.6	43.4	43.7	43.6	SW	3.3	SW	6.6	SW	5.1	6.4	—			
24	43.6	42.5	43.4	43.2	SW	3.3	SSW	4.7	SW	4.3	4.1	—			
25	42.8	42.4	40.9	42.0	SW	3.5	SW	4.4	SW	3.8	3.9	—			
26	41.6	41.5	42.1	41.7	SSW	1.9	SSW	4.0	SSE	6.4	3.5	—			
27	42.2	41.2	41.3	41.6	SW	4.7	SW	8.6	SSW	4.0	5.8	0.2			
28	40.9	42.5	43.6	42.3	SSW	4.7	SSW	6.7	SSW	6.2	5.7	0.8			
29	45.4	45.1	45.7	45.4	SW	4.5	WSW	7.4	SW	6.0	6.5	—			
30	46.8	46.8	46.4	46.7	SW	4.8	SW	6.1	WSW	5.7	6.0	—			
31	46.0	44.1	44.0	44.7	SW	4.2	SW	5.5	SW	2.4	5.0	—			
平均 Mean	43.3	43.0	43.3	43.2	SW	5.0	SW	6.8	WSW	5.2	5.5	—			
平均 Mean	43.3	43.0	43.3	43.2	3.1		4.0		3.1	3.4	35.3	127.5	133.6	296.6	

日 Day	氣 溫 (攝氏) AIR TEMPERATURE. (°C)						濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日 照 時 數 NO. OF HOURS WITH SUNSHINE.	蒸 發 量 (耗) AMOUNT OF EVAPORATION. (mm)				
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較 差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h			平均 Mean			
1	19.4	16.4	16.2	17.3	23.3	14.7	8.6	87	96	98	94	10	≡	10	≡	10.0	1-10	5.9		
2	14.6	23.6	21.2	19.9	26.4	14.3	12.1	99	98	98	85	10	≡	0	—	3.3	10.59	5.6		
3	18.5	27.5	20.0	22.0	28.8	17.4	11.4	91	99	93	81	0	—	6	n	2.0	9.96	6.7		
4	20.4	25.0	21.7	22.4	26.3	19.7	6.6	94	80	95	90	10	n, sk	10	n	10.0	1.60	3.8		
5	19.8	24.6	20.6	21.7	24.6	19.4	5.2	77	62	85	75	6	kc, sk	10	n	8.7	2.01	3.6		
6	18.2	22.7	19.6	20.3	23.8	18.1	5.7	98	93	93	95	10	n	9	n	6.3	2.23	3.2		
7	18.0	24.7	21.3	21.3	26.2	17.8	8.4	99	69	93	87	10	n	9	c, k	6.3	5.73	4.7		
8	19.5	26.4	23.8	23.2	28.6	18.9	9.7	97	63	89	83	10	n	2	n	5.7	8.36	5.4		
9	21.6	23.3	21.4	22.1	28.1	20.9	7.2	93	83	87	88	9	n	10	≡	9.7	7.45	5.6		
10	21.4	25.2	21.2	22.6	25.8	20.7	5.1	92	81	97	90	10	n	9	cs	8.7	2.56	3.5		
11	20.5	27.3	24.0	23.9	28.9	20.2	8.7	99	64	88	84	4	kc	8	n, kn	4.0	11.19	5.4		
12	21.1	29.6	27.0	28.0	31.8	20.3	11.5	94	66	76	79	0	—	1	c	0	0.3	6.3		
13	21.9	29.5	26.5	26.0	30.2	21.7	8.5	92	69	83	81	0	—	3	c, kc	3.3	9.63	5.3		
14	22.8	30.6	24.4	25.9	30.9	22.7	8.2	96	60	90	82	10	kc, ek	3	c	7.7	9.39	5.5		
15	23.7	26.0	24.6	24.8	27.8	22.0	5.8	87	86	91	88	10	n	10	n	6.7	3.41	3.5		
16	22.9	29.4	26.0	26.1	30.3	22.7	7.6	94	70	80	81	10	n	0	—	6	c	5.3		
17	23.2	29.4	26.2	26.3	30.9	22.8	8.1	88	87	90	86	10	n	1	k	4.7	7.90	6.2		
18	23.1	27.5	24.0	24.9	28.5	22.7	5.8	90	77	86	84	5	c, sc	10	n	2	ek	5.7	7.32	3.4
19	22.1	27.4	25.9	25.1	30.1	21.5	8.6	95	78	87	87	10	n	10	n	6	n	8.7	5.55	3.3
20	23.2	26.6	24.6	24.8	28.4	22.7	5.7	90	81	87	86	8	c, sc	10	n	10	n	9.3	1.88	2.5
21	22.8	28.0	25.7	25.5	29.2	22.5	6.7	97	76	82	85	10	n	9	kn	8	n	9.0	6.84	4.6
22	23.6	29.2	23.3	25.4	30.2	23.1	7.1	91	72	76	80	10	n	9	n, kn	0	—	6.3	10.53	5.1
23	22.1	25.9	24.2	24.1	27.8	21.8	6.0	86	74	85	82	10	n	10	n	8	n	9.3	1.66	3.0
24	22.0	29.5	24.6	25.4	31.5	21.0	10.5	95	69	82	82	10	n	1	k	2	kc	4.3	6.34	5.3
25	22.6	24.7	23.0	23.4	26.1	22.3	3.8	92	92	96	93	0	—	10	≡	10	n	6.7	2.84	2.2
26	23.6	28.3	24.4	25.4	29.4	22.7	6.7	94	71	82	82	10	n	2	kc	7.3	5.37	3.8		
27	23.0	25.8	25.0	24.6	28.1	22.4	5.7	90	81	80	84	10	n	0	—	6	c	6.7	4.20	4.2
28	23.0	28.4	24.6	25.3	29.1	22.7	6.4	91	72	82	82	10	kc, n	9	n	10	n	9.7	8.88	5.0
29	23.6	26.1	25.8	25.1	28.5	23.1	5.4	90	88	88	89	10	n	10	n	0	—	6.7	4.31	3.8
30	25.0	29.6	26.2	26.9	30.3	24.8	5.5	91	73	83	82	9	n	10	kn	10	n	9.7	6.02	4.5
31	24.9	29.7	26.0	26.9	30.3	24.3	6.0	89	72	86	82	10	n	10	kn, n	0	—	6.7	4.58	4.4
平均 Mean	21.7	26.7	23.6	24.0	28.4	21.0	7.4	92	75	87	85	8.1		7.4		4.7	6.7	192.24	140.6	

* 重力ノ更正 Reduction to standard gravity..... 0.1
海面ノ更正 Reduction to mean sea level..... 10.0

昭和七年七月

南 港
TAONAN.

JULY, 1932.

Table with columns: 日 (Day), 氣壓 * (耗) AIR PRESSURE (mm), 風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND, 降水量 (耗) AMOUNT OF PRECIPITATION (mm). Includes sub-columns for 5h, 13h, 21h, and Total for each category.

Table with columns: 日 (Day), 氣溫 (攝氏) AIR TEMPERATURE (°C), 濕度 (百分率) REL. HUMIDITY (%), 雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD, 日照時數 NO. OF HOURS WITH SUNSHINE, 蒸發量 (耗) AMOUNT OF EVAPORATION. Includes sub-columns for 5h, 13h, 21h, and Mean for each category.

* 重力ノ更正 Reduction to standard gravity..... - 0.0
海面へノ更正 Reduction to mean sea level..... + 12.9

昭和七年八月二十五日印刷
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昭和七年八月

滿 洲 氣 象 表

REPORT

OF THE

METEOROLOGICAL OBSERVATIONS

MADE AT THE

METEOROLOGICAL STATIONS

IN

MANCHURIA.

AUGUST, 1932.

PUBLISHED BY THE METEOROLOGICAL OBSERVATORY, DAIREN.

凡 例

本編ハ昭和七年八月中滿洲各觀測所ニ於ケル氣象觀測ノ成績ヲ示スモノニシテ其ノ觀測ノ時刻方法等ハ日本各測候所ト全ク同一ノ式ニ據ル今其要點ヲ擧グレバ觀測時ハ日本西部標準時即チ東經百二十度ノ地ノ平時ニ據リ夜半ヲ日界トスル二十四時間制ヲ用フ但シ日照時數ハ眞太陽時ニ據ル

氣壓ハ耗ヲ以テ示シ晴雨計示度ニ施スニ單ニ溫度ノ更正ノミヲ以テシ海面上高サノ更正及重力ノ更正ハ施サズ

溫度ハ攝氏ノ度ニ據ル但シ氷點以下ノ度ハ負數ヲ用ヒズ百ヨリ其度ヲ減ジ其餘數ヲ以テ之ヲ示ス即チ氷點以下一度ハ九十九度氷點以下五度ハ九十五度ト記スルガ如シ

或ル觀測時ニ於ケル風速ハ其觀測時前二十分間ノ平均風速ヲ以テ之ヲ示ス

平均雲量ニ未滿ナル日ヲ快晴トシ八以上ナル日ヲ曇天トス

風ノ速度一秒時間十米以上ヲ觀測シタル日ヲ暴風日トス

INTRODUCTION.

The present publication contains the results of the meteorological observations made at the meteorological stations in Manchuria for the month of August, 1932.

The instruments and the method of observation are the same as those at the meteorological stations in Japan. The followings are to be particularly noticed.

Hours of Observations.—The Western Standard Time of Japan (civil mean time of the meridian 120° E.) is adopted. For the measure of sunshine duration the apparent solar time is used.

Pressure.—The barometric readings in millimetres are reduced only to freezing point.

Temperature.—The degrees are given in Centigrade; those below zero are shown by adding 100, to avoid the minus sign; thus 99° for -1°, 95° for -5°, etc.

Velocity of the Wind.—As the velocity at any time is given the mean for the preceeding 20 minutes.

Clear and Cloudy Days.—The mean amount of cloud for a clear day is less than 2 exclusive, and for a cloudy day is more than 8 inclusive.

Days with Gales.—As such are counted the days on which the maximum velocity reaches or exceeds 10 metres per second.

現象記號

ILLUSTRATION OF SYMBOLS

(1) 萬國共通記號 *International symbols*

雨 ● Rain	霜 ⊥ Hoar frost	日暈 ⊕ Solar halo
雪 * Snow	露 ∩ Dew	日光環 ⊙ Solar corona
電雷 ☳ Thunder storm	霧氷 ∨ Silver thaw	月暈 ⊕ Lunar halo
雷聲 ⊥ Thunder without lightning	雨水 ~ Glazed frost	月光環 ⊖ Lunar corona
電光 < Lightning without thunder	吹雪 † Snow drift	虹 ∩ Rainbow
霰 △ Graupel	細氷 ← Ice crystals	極光 ∩ Aurora
雹 ▲ Hail	積雪 ☒ Snow lying	煙霧 ∞ Haze
霧 ≡ Mist, fog	暴風 ⚡ Gale	黃道光 ↘ Zodiacal light

(2) 其他ノ記號 *Other symbols*

凍雨 ⊖ Frozen rain	凍露 ⊥ Frozen dew	結氷 ⊖ Ice
霧柱 ⊥ Ice columns in ground	波狀雲 ∞ Undulated cloud	黃砂 ∞ Yellow dust
朝燒 ⊥ Red sky	海鳴 𠄎 Oceanic noise	地震 ⊕ Earthquake
卷雲 C Cirrus	卷層雲 CS Cirro-stratus	卷積雲 CK Cirro-cumulus
層雲 S Stratus	高層雲 SC Alto-stratus	層積雲 SK Strato-cumulus
積雲 K Cumulus	高積雲 KC Alto-cumulus	積亂雲 KN Cumulo-nimbus
亂雲 N Nimbus		

(3) 現象ノ強サ *The intensity of the phenomena*

現象ノ強弱ヲ示ス爲ニ記號ノ右肩ニ012ノ數字ヲ記ス例ヘバ

The intensity of a phenomenon is shown by an index added to its symbol, thus:—

微雨 ●⁰ slight rain 中雨 ●¹ moderate rain 強雨 ●² heavy rain

地震震度階級 *Intensity of earthquakes*

微震 ⊙⁽¹⁾ slight 弱震(弱キ方) ⊙⁽²⁾ moderate 弱震 ⊙⁽³⁾ rather strong
 強震(強キ方) ⊙⁽⁴⁾ strong 強震 ⊙⁽⁵⁾ very strong 烈震 ⊙⁽⁶⁾ disastrous

大 連

昭和七年八月

DAIREN.

AUGUST, 1932.

Table with columns for Day, Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Includes sub-headers for '風ノ方向及速度' and '降水量'.

Table with columns for Day, Air Temperature (C), Relative Humidity (%), Amount and Forms of Cloud, and Amount of Evaporation. Includes sub-headers for '氣 溫' and '濕 度'.

重力ノ更正 Reduction to standard gravity..... 0.4
海面へノ更正 Reduction to mean sea level..... 6.4

昭和七年八月

大連 DAIREN.

AUGUST, 1922.

Table with columns for Day, Tension of Vapour (mm), Earth Temp. on Surface (°C), Earth Temperature (°C) at various depths (0.05m to 5.0m), and Min/Max Temp. on Grass (°C).

記事 REMARKS.

Table for Remarks (記事) with columns for Day and text descriptions of observations and measurements.

昭和七年八月

營口 YINGKOW.

AUGUST, 1932.

Table with columns for Day, Air Pressure (mm), Wind Direction and Velocity (m/s), and Amount of Precipitation (mm). Includes sub-columns for 2h, 6h, 10h, 14h, 18h, 22h, and Mean values.

Table with columns for Day, Air Temperature (°C), Relative Humidity (%), Amount and Forms of Cloud,日照時數 (Sunshine hours), and 蒸發量 (Evaporation). Includes sub-columns for 2h, 6h, 10h, 14h, 18h, 22h, and Mean values.

* 重力ノ更正 Reduction to standard gravity..... - 0.3
海面へノ更正 Reduction to mean sea level..... + 0.3

奉天
FENGTIEN.

昭和七年八月

AUGUST, 1932.

日 Day	氣 壓 * (耗) AIR PRESSURE. (mm) (700 mm +)							風 / 方向 及 速度 (米秒) DIRECTION AND VELOCITY (^{m/sec}) OF WIND.											降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)												
	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	平均 Mean	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	二十四 時 平均 Mean for 24h	22-2 ^h	2-6 ^h	6-10 ^h	10-14 ^h	14-18 ^h	18-22 ^h	總計 Total										
1	49.9	49.3	49.7	48.8	47.9	48.6	49.0	SSW	5.3	SSW	5.4	WSW	8.9	WSW	7.9	WSW	4.8	WSW	3.0	5.7											
2	48.3	48.4	48.1	47.2	46.9	47.6	47.8	SSW	4.1	SSW	3.6	SW	7.1	WSW	8.7	WSW	5.4	SSW	1.7	5.3											
3	47.3	46.9	47.5	46.1	45.9	47.5	46.9	S	0.9	S	1.3	SW	1.9	SSW	2.9	SW	2.1	W	1.3	2.0											
4	47.3	48.0	48.1	47.3	47.4	48.4	47.8	S	1.5	SE	1.9	NE	4.4	N	5.5	N	4.1	N	4.6	3.2											
5	48.7	50.0	50.5	49.9	49.9	50.9	50.0	S	4.3	N	5.0	NNE	5.0	N	5.4	N	3.5	N	3.9	4.4											
6	50.7	51.5	51.7	50.4	50.0	50.6	50.8	N	4.6	NNE	4.0	NNE	4.1	N	4.1	NNE	3.7	NNE	2.5	4.1											
7	50.5	50.7	51.0	50.2	49.7	50.3	50.4	NNE	1.9	ESE	1.0	SSW	6.9	SW	6.1	SW	6.0	SSW	3.6	3.7											
8	50.3	51.0	50.9	49.9	50.0	50.5	50.4	SSW	1.3	SSW	1.4	SSW	3.4	S	2.9	S	2.3	S	0.9	2.3			0.2	24.3	7.1	0.2	0.0	0.1	34.8		
9	50.5	51.0	51.3	50.1	49.1	48.9	50.2	SSW	2.2	NNW	0.5	NNE	2.3	NNE	2.3	N	2.8	NNE	2.2	1.8											
10	48.1	47.3	46.5	45.4	45.1	47.0	46.6	NE	1.6	S	1.9	SW	4.8	SW	5.4	SW	6.0	SW	1.3	3.8											
11	46.8	47.5	47.1	46.5	46.3	47.1	46.9	SW	1.5	N	2.1	WSW	3.0	W	4.0	SW	2.0	SW	2.5	2.3											
12	47.4	47.8	48.5	47.7	47.6	48.4	47.9	SW	1.9	WSW	0.9	W	2.3	W	2.9	SSW	2.5	S	2.0	2.0											
13	48.5	48.8	48.5	47.5	47.5	47.9	48.1	SE	2.6	SE	2.9	SE	3.0	SSE	3.2	S	1.1	S	0.9	2.3											
14	47.7	48.0	48.7	48.8	49.5	51.1	49.0	S	2.0	SE	1.8	W	3.7	WNW	3.4	N	6.0	N	3.9	2.9											
15	52.0	52.5	52.6	51.7	51.8	51.8	52.1	N	4.3	N	3.6	N	6.5	NNE	5.0	NNE	3.8	NE	2.3	4.2											
16	51.7	52.3	52.2	51.3	50.3	50.2	51.3	NE	2.3	NE	1.7	NNE	4.6	NNE	5.0	N	2.1	N	1.4	2.8											
17	49.8	49.8	49.5	47.8	47.6	47.6	48.7	NNE	2.7	NE	1.2	WSW	3.4	SW	4.1	SW	3.2	SSW	3.9	2.9				0.0			10.1	10.1			
18	47.1	47.1	47.4	46.4	45.8	46.7	46.8	SW	5.8	WSW	5.7	SW	1.9	WSW	3.6	SW	3.6	SSW	1.5	3.8				0.4				8.3			
19	47.0	47.0	46.8	46.5	46.1	46.7	46.7	SW	1.9	SSW	1.6	NNE	2.5	NW	3.4	W	1.9	SW	2.5	2.3						0.0		0.0			
20	46.7	47.7	48.6	48.3	48.5	49.2	48.2	W	2.9	W	2.9	NW	2.9	WNW	2.8	WSW	2.2	WSW	2.3	2.8					0.0			0.0			
21	50.2	52.0	53.0	52.8	52.9	54.9	52.6	WNW	2.7	NW	1.5	NW	1.2	WNW	3.1	W	1.2	WSW	1.5	2.1											
22	55.8	56.1	57.2	56.4	56.2	57.0	56.4	SE	2.6	SE	3.3	SSE	3.0	SSE	3.3	ESE	1.7	SE	2.9	2.8							0.4	0.4			
23	55.8	58.1	59.0	58.3	57.7	58.6	58.4	NW	4.1	ESE	2.3	SW	4.1	WSW	3.9	W	1.2	SE	3.6	2.9								1.1	1.1		
24	58.6	59.2	59.6	58.9	58.9	61.4	59.2	SSW	4.0	S	2.2	W	5.1	NW	4.1	NNW	3.3	NNW	1.8	2.9											
25	60.8	61.8	61.9	62.2	61.0	59.4	60.7	SSW	0.8	N	0.5	NNE	2.7	NNE	4.1	NNE	4.0	NNE	3.0	2.3											
26	58.7	59.2	58.8	57.1	56.4	57.1	57.9	ENE	2.8	ENE	1.8	E	1.7	ENE	1.9	SE	1.9	SE	1.1	1.9											
27	56.7	57.2	56.7	55.2	54.6	55.3	56.0	SE	1.2	SE	2.6	SW	4.8	WSW	4.8	W	3.0	WSW	3.7	3.0											
28	55.2	54.4	52.0	51.4	51.5	52.2	52.4	SE	1.4	S	2.1	E	5.0	NE	3.3	ENE	2.6	E	1.8	2.7					3.0	7.1	5.6	0.0	1.4	3.2	19.3
29	52.1	53.1	54.4	54.3	54.3	56.0	54.0	NE	1.5	NE	0.6	NE	3.5	NE	2.9	NE	2.2	NE	4.0	2.3											
30	56.2	57.0	57.5	56.1	55.5	56.8	56.5	NE	3.7	NE	3.2	NE	3.0	NE	3.9	NE	1.8	NE	2.5	3.4											
31	56.4	56.4	56.3	55.0	54.1	54.6	55.4	NE	1.3	E	1.9	S	1.6	SSW	3.4	SSW	2.6	SSW	2.1	2.2											
平均 Mean	51.5	51.8	52.0	51.1	50.8	51.4	51.5		2.6		2.3		3.8		4.1		3.1		2.4	3.0				3.2	31.8	20.6	0.2	15.9	2.3	74.0	

日 Day	氣 溫 (攝氏) AIR TEMPERATURE. (°C)									濕 度 (百分率) REL. HUMIDITY. (%)								雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.						日 照 時 數 NO. OF HOURS WITH SUNSHINE.	蒸 發 量 (耗) AMOUNT OF EVAPORATION.						
	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	平均 Mean	最高 Max.	最低 Min.	較差 Range	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	平均 Mean	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	平均 Mean								
1	25.7	25.4	29.4	32.4	30.1	25.9	28.2	32.6	24.4		8.2	76	81	78	67	72	91	76	10	sk	10	sk	10	sk	10	sk	7.4	11.37	7.3		
2	24.8	24.8	29.8	30.4	28.8	24.7	27.2	31.6	23.4		8.2	91	83	67	68	71	89	78	0	sk	10	sk	10	sk	10	sk	4.2	12.90	6.6		
3	23.5	23.0	30.0	32.2	32.2	25.8	27.9	33.5	22.2		11.3	94	93	65	55	53	90	75	0	sk	4	sk	0	sk	1	sk	1.0	12.90	6.4		
4	24.1	25.3	31.2	33.4	31.9	27.4	28.9	33.7	23.2		10.5	95	83	67	54	68	84	75	3	sk	3	sk, ck	0	sk	3	ck	0	1.8	12.40	8.0	
5	25.2	24.6	28.5	29.7	28.6	24.8	26.9	30.5	23.7		6.8	90	89	60	53	62	85	74	10	sk, s	8	sk, kc	6	s, sk	2	ck	0	5.2	7.83	6.9	
6	21.7	20.3	26.0	28.8	27.8	23.6	24.7	29.6	19.9		9.7	89	94	72	59	61	81	76	10	s	5	sk	3	sk	0	sk	0	3.6	10.20	6.3	
7	21.2	21.5	28.1	30.8	27.4	24.6	25.0	31.0	20.2		10.8	96	97	69	57	71	76	78	9	sk	10	sk, sk	8	sk	10	sk	10	sk	9.4	8.70	5.6
8	22.7	21.5	22.8	23.8	23.2	22.6	22.8	24.6	21.5		3.1	93	95	93	86	97	98	94	10	sk	10	sk	10	sk	10	sk	7	sk	9.4	0.00	2.0
9	22.2	21.3	26.6	28.6	27.2	21.5	24.6	29.9	20.9		8.1	98	98	69	46	54	88	76	0	sk	2	sk	0	sk	0	sk	0	0.4	12.52	5.3	
10	20.8	21.9	26.6	27.0	25.7	22.1	24.2	29.3	20.6		8.7	95	93	75	65	65	91	81	10	sk	10	sk	10	sk	2	sk	8	sk	8.0	7.00	4.5
11	20.6	20.3	26.4	28.4	27.0	19.5	23.7	29.7	19.5		10.2	94	90	72	39	57	84	78	2	sk	8	sk	4	ck	0	sk	0	2.9	11.59	5.7	
12	17.3	17.4	25.4	28.1	26.4	20.3	22.5	29.0	15.7		13.3	95	98	56	43	58	88	73	0	sk	0	sk	0	sk	0	sk	0	0.0	13.30	5.7	
13	18.4	18.7	28.1	29.8	27.0	21.9	24.0	30.6	17.5		13.1	96	92	53	44	72	89	74	10	ck	10	ck, ck	10	ck, ck	10	ck, ck	8	ck, ck	9.6	8.38	5.2
14	19.9	20.9	27.9	29.4	27.0	22.5	24.6	32.4	18.8		11.6	91	86	64	60	57	74	73	0	ck	1	ck	8	sk	10	sk	5	sk	11.45	6.0	6.0
15	19.9	19.4	25.4	28.1	27.0	22.2	23.7	28.5	18.2		10.3	91	90	55	48	48	73	67	0	sk	0	sk, s	4	ck, k	1	sk	5	ck, ck	2.0	12.75	6.8
16	20.5	19.6	26.0	27.4	25.6	21.7	23.5	28.2	18.1		10.1	80	85	48	45	55	79	65	6	sk	10	ck	10	ck, ck	10	ck	10	ck	9.2	10.80	6.3
17	19.5	18.5	27.3	30.5	24.0	21.5	23.6	30.9	17.6		13.3	88	94	51	51	83	93	77	10	ck	8	ck, k	9	sk, kn	7	sk	0	6.8	8.32	4.3	
18	21.0	18.2	24.8	28.4	24.6	17.1	22.4	29.2	16.5		12.7	89	90	56	34	53	69	69	10	ck	10	kn	0	sk	0	sk	0	2.0	11.12	5.6	
19	16.0	16.2	24.6	27.2	23.1	18.1	20.9	28.0	15.0		13.0	86	92	47	39	65	80	68	10	ck	0	ck	0	sk	10	sk, kn	10	ck, k	6.0	8.70	4.5
20	16.3	16.5	22.3	23.7	22.1	18.3	19.7	25.0	14.6		10.4	89	81	59	58	70	92	75	0	sk	8	sk	10	sk, k	6</						

長 春
CHANGCHUN.

昭和七年八月

AUGUST, 1932.

Table with columns for Day, AIR PRESSURE (mm), DIRECTION AND VELOCITY OF WIND, and AMOUNT OF PRECIPITATION (mm). Includes sub-headers for wind direction and velocity, and precipitation amounts for various time intervals.

Table with columns for Day, AIR TEMPERATURE (°C), REL. HUMIDITY (%), AMOUNT (0-10) AND FORMS OF CLOUD, and AMOUNT OF EVAPORATION. Includes sub-headers for temperature range, humidity, cloud forms, and evaporation.

* 重力ノ更正 Reduction to standard gravity.....-0.1
海面ノ更正 Reduction to mean sea level.....+18.6

昭和七年八月

旅 順 RYOJUN.

AUGUST, 1932.

Table with columns for Day, Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Includes sub-columns for 5h, 13h, 21h, and Mean values.

Table with columns for Day, Air Temperature (C), Rel. Humidity (%), Amount and Forms of Cloud,日照時數 (No. of Hours Sunshine), and 蒸發量 (Amount of Evaporation). Includes sub-columns for 6h, 14h, 22h, and Mean values.

* 重力ノ更正 Reduction to standard gravity..... 0.4
海面へノ更正 Reduction to mean sea level..... 6.9

鞍山

ANSHAN.

AUGUST, 1932.

昭和七年八月

Table with columns: 日 (Day), 氣壓 * (耗) AIR PRESSURE (mm), 風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND, 降水量 (耗) AMOUNT OF PRECIPITATION (mm). Includes sub-columns for 6h, 14h, 22h, 平均 (Mean), 最高 (Max), 最低 (Min), 較差 (Range) for wind and precipitation.

Table with columns: 日 (Day), 氣溫 (攝氏) AIR TEMPERATURE (°C), 濕度 (百分率) REL. HUMIDITY (%), 雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD, 日照時數 (小時) NO. OF HOURS WITH SUNSHINE, 蒸發量 (耗) AMOUNT OF EVAPORATION. Includes sub-columns for 6h, 14h, 22h, 平均 (Mean), 最高 (Max), 最低 (Min), 較差 (Range) for temperature and humidity.

* 重力ノ更正 Reduction to standard gravity..... 0.3
海面へノ更正 Reduction to mean sea level..... 3.4

昭和七年八月

鄭家屯 CHENGCHIATUN.

AUGUST, 1932.

Table with columns: 日 (Day), 氣壓 * (耗) AIR PRESSURE (700 mm +), 風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND, 降水量 (耗) AMOUNT OF PRECIPITATION (mm). Includes sub-columns for 5h, 13h, 21h, and Mean values for each category.

Table with columns: 日 (Day), 氣溫 (攝氏) AIR TEMPERATURE (°C), 濕度 (百分率) REL. HUMIDITY (%), 雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD, 日照時數 (小時) NO. OF HOURS WITH SUNSHINE, 蒸發量 (耗) AMOUNT OF EVAPORATION. Includes sub-columns for 5h, 13h, 21h, and Mean values for temperature, humidity, and evaporation.

* 壓力ノ更正 Reduction to standard gravity..... 0.1
海面ノ更正 Reduction to mean sea level..... + 10.1

南 港
TAONAN.

昭和七年八月

AUGUST, 1932.

日 Day	氣 壓 * (耗) AIR PRESSURE. (mm) (700 mm +)				風ノ方向及速度 (米秒) DIRECTION AND VELOCITY (m/sec) OF WIND.							降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)				
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	二十四時 日平均 Mean for 24h.	21-5 ^h	5-13 ^h	13-21 ^h	總計 Total				
1	38.8	39.2	37.6	38.5	N	3.3	ENE	3.0	NNE	4.0	4.5	—	—	—	—	
2	36.8	36.3	37.0	36.7	SW	1.2	ENE	6.5	ESE	1.8	2.8	4.6	—	0.1	4.7	
3	36.5	38.1	40.4	38.3	S	1.6	NNW	5.0	N	4.7	2.1	—	0.8	—	0.8	
4	42.1	42.5	42.6	42.4	N	3.7	NNE	5.3	NNW	4.7	4.0	—	—	—	—	
5	43.1	44.7	42.5	43.4	NNE	6.7	NNE	6.4	N	4.6	4.1	1.3	2.3	—	3.6	
6	45.7	43.9	42.4	44.0	N	4.1	NW	1.4	ESE	2.1	5.6	—	—	—	—	
7	40.3	39.2	40.1	39.9	SSE	0.8	SEW	2.5	S	2.7	2.6	—	—	—	—	
8	40.2	40.4	41.9	40.8	NNW	3.4	NW	6.2	WNW	2.3	2.5	—	—	—	—	
9	42.5	41.4	39.6	41.2	NW	1.4	NW	3.6	SE	3.2	3.7	—	—	—	—	
10	34.7	34.4	35.2	34.8	SSE	8.1	W	7.0	W	3.6	2.5	—	—	—	—	
11	35.4	34.1	36.6	35.4	SW	4.3	WSW	6.1	W	3.2	5.4	—	—	—	—	
12	37.1	38.6	40.1	38.6	W	2.0	NNW	3.5	ENE	1.5	5.0	—	—	—	—	
13	39.8	40.2	40.2	40.1	SE	0.6	SE	1.9	NNW	5.8	2.6	1.2	2.7	21.8	25.7	
14	38.7	42.3	44.1	41.7	NNE	4.4	NNE	3.9	N	1.3	2.4	17.7	—	—	17.7	
15	45.0	44.5	44.8	44.8	N	1.5	N	3.3	NE	1.5	2.6	—	—	—	—	
16	44.9	43.8	41.6	43.4	NW	2.0	SNW	1.6	WSW	1.2	2.0	—	—	0.7	0.7	
17	40.1	38.6	37.2	38.6	ESE	2.0	WNW	5.3	WSW	2.1	2.0	0.7	—	—	0.7	
18	35.0	34.2	36.7	35.3	N	5.6	W	6.1	W	3.2	2.8	—	—	—	—	
19	38.6	35.6	36.2	36.8	W	1.3	WNW	4.2	NNW	0.9	5.0	—	—	3.9	3.9	
20	38.3	38.6	32.6	36.5	NW	3.6	NW	4.9	NNW	5.3	2.8	—	—	0.6	0.6	
21	43.2	43.6	45.5	44.1	NW	3.4	NW	4.7	—	0.4	4.5	—	—	—	—	
22	45.5	49.0	49.6	48.0	S	0.6	ESE	1.2	S	2.8	3.2	—	—	4.4	4.4	
23	48.6	48.6	47.7	48.3	—	0.2	SE	2.0	ESE	1.5	1.8	0.3	—	4.2	4.5	
24	47.8	49.3	49.0	48.7	SW	4.6	WNW	4.2	NW	1.5	2.6	—	—	—	—	
25	53.0	53.7	53.5	53.4	NW	2.6	NNE	1.9	NE	1.2	3.2	—	—	—	—	
26	53.6	50.8	49.6	51.3	NE	0.9	SE	2.7	SE	2.7	2.3	—	—	—	—	
27	48.5	45.2	44.8	46.3	NW	3.5	W	5.0	WNW	1.8	1.8	1.1	0.1	—	1.2	
28	44.6	43.7	43.3	43.9	NNW	2.8	NNE	2.6	NE	0.9	2.3	—	—	—	—	
29	45.0	47.9	47.4	46.8	NW	6.4	N	5.1	NE	1.2	2.4	—	—	—	—	
30	49.6	53.1	47.1	49.8	NW	2.4	WNW	4.4	W	2.0	4.4	—	—	—	—	
31	46.5	45.9	44.7	45.7	W	1.5	NE	3.2	—	0.4	2.5	—	—	10.4	10.4	
平均 Mean	42.6	42.6	42.3	42.5	—	2.9	—	4.1	—	2.5	3.2	26.9	5.9	46.1	78.9	

日 Day	氣 溫 (攝氏) AIR TEMPERATURE. (°C)							濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.					日 照 時 數 NO. OF HOURS WITH SUNSHINE.	蒸 發 量 (耗) AMOUNT OF EVAPORATION (mm)	
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	平均 Mean				
1	20.3	24.6	25.1	23.3	23.0	19.9	8.1	96	89	94	93	10 s	10 s	0	—	6.7	3.18	3.4	
2	21.2	27.1	26.7	25.0	29.4	20.3	9.1	92	73	84	85	10 sk	6 ck	10 n	—	8.7	9.30	3.1	
3	23.4	26.5	22.1	24.0	27.9	22.0	5.9	98	84	90	91	10 n	6 k	10 n	—	8.7	7.15	4.1	
4	20.1	24.6	21.9	22.3	25.4	19.9	5.5	96	74	87	86	10 sk	10 k	10 n	—	10.0	6.37	4.1	
5	21.1	25.5	22.1	22.9	26.6	20.0	6.6	92	75	90	86	5 sk	4 k	0	—	3.0	8.91	4.1	
6	19.3	24.9	20.5	21.6	25.8	19.3	6.5	98	74	87	86	10 s	10 s	0	—	6.7	4.11	2.9	
7	20.7	28.3	24.1	24.4	29.4	19.3	10.1	94	94	90	93	10 n	0	0	—	6.7	6.26	3.7	
8	22.3	27.2	21.3	23.6	27.4	21.0	6.4	78	81	91	83	10 ku	2 k	0	—	4.0	12.93	5.4	
9	15.0	27.1	21.5	21.2	23.5	14.2	14.3	80	82	83	82	0	0	0	—	0.0	9.81	6.3	
10	21.1	26.6	19.5	22.4	27.4	19.0	8.4	87	44	85	72	9	5 ck	7 cu	—	7.0	11.13	6.9	
11	14.3	24.9	17.3	18.8	27.5	12.8	14.7	67	47	78	64	7 sk	8 kc	7 cu	—	7.3	6.94	4.3	
12	13.8	23.8	18.9	18.8	24.9	13.4	11.5	92	47	78	72	0	9 kc	1	—	3.3	10.42	4.3	
13	18.0	19.0	17.3	18.1	19.8	12.2	7.6	92	88	95	92	10 n	10 n	10 n	—	10.0	0.99	1.8	
14	18.1	23.3	20.7	20.7	24.2	17.2	7.0	95	68	81	81	4	3 ct	0	—	2.3	12.48	4.9	
15	19.1	25.0	21.1	21.7	25.8	17.1	8.7	95	60	83	79	0	7 ck	0	—	2.3	11.23	5.2	
16	17.9	25.5	21.1	21.5	26.2	17.8	8.4	86	49	80	72	0	8	10 n	—	6.0	11.53	3.7	
17	19.5	26.1	20.3	22.0	26.8	18.3	8.5	86	38	65	63	9	0	10 n	—	6.3	10.80	6.9	
18	16.3	21.1	16.1	17.8	23.8	15.8	8.0	69	44	79	64	0	10 n	0	—	3.3	11.20	5.9	
19	11.7	21.3	16.3	16.4	23.6	10.8	12.8	92	51	83	75	4	10 n	10 n	—	8.0	9.25	3.9	
20	14.1	20.3	17.4	17.3	22.0	13.8	8.2	91	68	81	80	6	8 k	0	—	4.7	8.55	3.4	
21	15.4	22.1	17.0	18.2	24.2	14.4	9.8	88	51	91	77	8	4 k	0	—	4.0	9.20	4.7	
22	13.6	22.3	17.6	17.8	22.7	12.7	10.0	96	57	88	80	0	10 n	10 n	—	6.7	0.00	1.6	
23	16.1	24.2	20.9	20.4	26.2	16.0	10.2	95	56	83	78	0	1	10 n	—	3.7	3.44	4.1	
24	15.0	23.5	19.3	19.3	24.8	14.6	10.2	94	58	74	75	0	4 k	0	—	1.3	10.42	5.2	
25	15.5	23.0	19.2	19.2	23.5	15.1	8.4	79	51	81	70	4	10 c	0	—	4.7	12.22	4.1	
26	15.7	24.6	20.2	20.2	25.6	14.6	11.0	95	50	77	74	0	10 k	0	—	3.3	10.80	4.0	
27	17.1	26.3	19.3	20.9	27.6	17.0	10.6	88	52	87	76	4	4 ck	0	—	2.7	9.23	6.9	
28	17.7	24.1	19.0	20.3	25.3	17.4	7.9	93	59	85	76	10	7 c	0	—	5.7	11.56	4.6	
29	16.7	20.3	16.8	17.9	20.9	14.4	6.5	84	53	65	67	10	4 c	0	—	4.7	9.93	5.4	
30	14.3	23.5	14.5	17.1	24.4	13.0	11.4	76	30	79	62	7	2	0	—	3.0	11.53	6.4	
31	9.7	22.3	14.3	15.4	23.6	9.7	13.8	91	54	90	78	0	4	0	—	1.3	10.54	3.8	
平均 Mean	17.2	24.1	19.7	20.3	25.5	16.2	9.2	89	61	83	78	5.4	—	—	—	3.4	5.0	271.41	139.1

* 重力ノ更正 Reduction to standard gravity..... 0.0
海面へノ更正 Reduction to mean sea level..... + 13.2

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昭和七年九月

滿 洲 氣 象 表

REPORT

OF THE

METEOROLOGICAL OBSERVATIONS

MADE AT THE

METEOROLOGICAL STATIONS

IN

MANCHURIA.

SEPTEMBER, 1932.

PUBLISHED BY THE METEOROLOGICAL OBSERVATORY, DAIREN.

凡 例

本編ハ昭和七年九月中滿洲各觀測所ニ於ケル氣象觀測ノ成績ヲ示スモノニシテ其ノ觀測ノ時刻方法等ハ日本各測候所ト全ク同一ノ式ニ據ル今其要點ヲ擧グレバ

觀測時ハ日本西部標準時即チ東經百二十度ノ地ノ平時ニ據リ夜半ヲ日界トスル二十四時間制ヲ用フ但シ日照時數ハ眞太陽時ニ據ル

氣壓ハ耗ヲ以テ示シ晴雨計示度ニ施スニ單ニ溫度ノ更正ノミヲ以テシ海面上高サノ更正及重力ノ更正ハ施サズ

溫度ハ攝氏ノ度ニ據ル但シ氷點以下ノ度ハ負數ヲ用ヒズ百ヨリ其度ヲ減シ其餘數ヲ以テ之ヲ示ス即チ氷點以下一度ハ九十九度氷點以下五度ハ九十五度ト記スルガ如シ

或ル觀測時ニ於ケル風速ハ其觀測時前二十分間ノ平均風速ヲ以テ之ヲ示ス

平均雲量ニ未滿ナル日ヲ快晴トシ八以上ナル日ヲ曇天トス

風ノ速度一秒時間十米以上ヲ觀測シタル日ヲ暴風日トス

INTRODUCTION.

The present publication contains the results of the meteorological observations made at the meteorological stations in Manchuria for the month of September 1932.

The instruments and the method of observation are the same as those at the meteorological stations in Japan. The followings are to be particularly noticed.

Hours of Observations.—The Western Standard Time of Japan (civil mean time of the meridian 120° E.) is adopted. For the measure of sunshine duration the apparent solar time is used.

Pressure.—The barometric readings in millimetres are reduced only to freezing point.

Temperature.—The degrees are given in Centigrade; those below zero are shown by adding 100, to avoid the minus sign; thus 99° for -1°, 95° for -5°, etc.

Velocity of the Wind.—As the velocity at any time is given the mean for the preceding 20 minutes.

Clear and Cloudy Days.—The mean amount of cloud for a clear day is less than 2 exclusive, and for a cloudy day is more than 8 inclusive.

Days with Gales.—As such are counted the days on which the maximum velocity reaches or exceeds 10 metres per second.

現象記號

ILLUSTRATION OF SYMBOLS

(1) 萬國共通記號 *International symbols*

雨 ● Rain	霜 □ Hoar frost	日暈 ⊕ Solar halo
雪 ✖ Snow	露 ⋈ Dew	日光環 ⊙ Solar corona
電雷 ☒ Thunder storm	霧氷 ∨ Silver thaw	月暈 ⊕ Lunar halo
雷聲 ⊥ Thunder without lightning	雨水 ~ Glazed frost	月光環 ⊙ Lunar corona
電光 < Lightning without thunder	吹雪 ⊕ Snow drift	虹 ∩ Rainbow
霰 △ Graupel	細氷 ← Ice crystals	極光 ∩ Aurora
雹 ▲ Hail	積雪 ☒ Snow lying	煙霧 ∞ Haze
霧 ≡ Mist, fog	暴風 ⚡ Gale	黃道光 ↘ Zodiacal light

(2) 其他ノ記號 *Other symbols*

凍雨 ● Frozen rain	凍露 ∩ Frozen dew	結氷 ≡ Ice
霜柱 ⊥ Ice columns in ground	波狀雲 ∞ Undulated cloud	黃砂 ≡ Yellow dust
朝霞 夕霞 ⊥ Red sky	海鳴 耳 Oceanic noise	地震 ⊙ Earthquake
卷雲 C Cirrus	卷層雲 CS Cirro-stratus	卷積雲 CK Cirro-cumulus
層雲 S Stratus	高層雲 SC Alto-stratus	層積雲 SK Strato-cumulus
積雲 K Cumulus	高積雲 KC Alto-cumulus	積亂雲 KN Cumulo-nimbus
亂雲 N Nimbus		

(3) 現象ノ強サ *The intensity of the phenomena*

現象ノ強弱ヲ示ス爲ニ記號ノ右肩ニ012ノ數字ヲ記ス例ヘバ

The intensity of a phenomenon is shown by an index added to its symbol, thus:—

微雨 ●⁰ slight rain 中雨 ●¹ moderate rain 強雨 ●² heavy rain

地震震度階級 *Intensity of earthquakes*

微震 ⊙⁽¹⁾ slight 弱震(弱キ方) ⊙⁽²⁾ moderate 弱震 ⊙⁽³⁾ rather strong
 強震(強キ方) ⊙⁽⁴⁾ strong 強震 ⊙⁽⁵⁾ very strong 烈震 ⊙⁽⁶⁾ disastrous

大連 DAIREN.

昭和七年九月

SEPTEMBER 1932.

Table with columns for Day, Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Includes sub-columns for 2h, 6h, 10h, 14h, 18h, 22h, and Mean values.

Table with columns for Day, Air Temperature (C), Relative Humidity (%), Amount and Forms of Cloud, and Amount of Evaporation. Includes sub-columns for Max, Min, Range, and Mean values.

* 重力ノ更正 Reduction to standard gravity..... 0.4
* 海面へノ更正 Reduction to mean sea level..... + 8.6

大 連

昭和七年九月

DAIREN.

SEPTEMBER 1932.

日 Day	水蒸氣ノ張力(托) TENSION OF VAPOUR. (mm)							地面溫度(攝氏) EARTH TEMP. ON THE SURFACE. (°C)				地 中 溫 度 (攝氏) EARTH TEMPERATURE. (°C)										最低 溫度 (攝氏) MIN. TEMP. ON GRASS. (°C)	最高 溫度 (攝氏) MAX. TEMP. (BLACK BULB.) (°C)
	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	平均 Mean	6 ^h	14 ^h	22 ^h	平均 Mean	0.05m	0.1m	0.2m	0.3m	0.5m	1.0m	2.0m	3.0m	4.0m	5.0m		
	1	14.5	14.1	13.1	14.1	9.7	7.7	12.2	16.8	26.5	16.0	19.8	25.2	21.1	20.8	21.3	22.2	22.2	20.6	18.8	17.7			15.8	14.9	45.0
2	12.0	7.7	7.9	7.3	8.8	9.4	8.6	13.5	36.3	16.2	22.0	23.1	18.5	19.4	20.7	21.9	21.9	20.4	18.7	17.2	15.9	13.0	31.9
3	9.5	10.2	8.4	8.3	11.2	10.7	9.7	14.6	30.6	15.7	23.3	23.2	19.1	19.4	20.2	21.3	21.4	20.4	18.7	17.5	16.0	11.4	37.8
4	10.0	10.7	11.3	13.4	14.8	13.1	12.2	15.3	45.9	19.3	26.8	24.0	19.9	19.9	20.5	21.4	21.8	20.2	18.6	17.7	16.0	10.3	42.3
5	13.0	14.7	14.1	12.1	11.7	14.3	13.3	19.0	41.3	18.5	26.3	25.8	22.0	21.8	21.9	22.1	21.5	20.1	18.6	17.5	16.0	15.2	41.1
6	15.9	15.5	14.5	13.2	13.3	13.1	14.3	18.3	46.9	18.1	27.8	23.6	21.7	21.8	22.2	22.4	21.7	19.9	18.0	17.9	16.0	13.6	43.4
7	12.2	13.2	11.7	11.6	11.0	9.5	11.5	17.6	46.3	18.0	27.5	25.7	22.1	21.9	22.4	22.7	21.7	19.9	18.5	17.7	16.0	14.3	41.0
8	10.0	10.9	13.2	12.5	13.6	11.9	12.0	17.7	40.0	17.8	25.2	23.8	22.2	22.3	22.7	22.8	21.9	19.9	18.5	17.7	16.0	16.0	43.3
9	11.4	13.3	13.7	12.4	12.3	11.4	12.5	16.3	43.5	17.9	25.9	23.0	21.1	21.4	22.0	22.4	21.9	19.9	18.5	17.7	16.1	14.6	42.8
10	12.4	13.7	11.9	11.4	11.6	10.7	12.0	16.9	43.2	17.8	26.0	24.6	21.3	21.7	22.3	22.5	21.6	19.9	18.5	17.7	16.2	14.8	34.8
11	9.4	10.2	10.9	12.2	13.9	11.8	11.4	15.7	45.2	18.5	26.5	25.1	21.1	21.4	22.3	22.6	21.8	19.9	18.5	17.7	16.2	13.2	43.0
12	11.8	14.5	15.9	14.3	14.8	14.4	14.3	17.7	28.6	18.9	21.7	20.2	19.6	21.6	20.5	22.7	21.9	19.9	18.9	17.8	16.2	15.0	38.1
13	13.2	11.8	12.0	10.9	11.5	11.6	11.8	16.8	25.0	16.4	19.4	22.5	20.0	20.6	21.5	21.9	21.8	19.9	18.5	17.7	16.2	15.9	31.2
14	10.1	8.9	7.8	8.1	10.2	10.1	9.2	14.3	28.0	15.4	19.2	20.4	17.7	18.9	20.3	21.2	21.2	19.9	18.5	17.6	16.2	14.2	34.0
15	9.7	9.9	10.1	11.3	12.8	11.8	10.9	14.3	30.8	16.4	20.5	21.6	18.3	18.6	19.7	20.6	20.8	19.9	18.5	17.6	16.2	13.0	40.8
16	10.5	12.9	15.1	15.2	15.1	13.8	13.8	16.3	24.2	18.8	19.8	19.6	19.2	19.3	19.8	20.7	21.2	19.9	18.5	17.6	16.2	13.8	20.4
17	16.8	14.8	15.8	15.0	15.5	14.8	15.5	19.2	30.0	18.6	22.6	19.9	19.2	19.8	19.4	20.5	20.9	19.7	18.5	17.7	16.3	17.0	37.4
18	14.4	15.3	14.6	14.7	15.6	14.9	14.9	18.0	26.8	19.0	21.3	23.1	20.8	20.5	20.6	20.9	20.9	19.8	18.5	18.0	16.3	16.0	37.4
19	14.1	15.5	15.1	12.7	14.1	14.3	14.3	18.4	24.7	19.5	20.9	22.3	21.2	20.8	21.0	21.3	20.9	19.6	18.5	17.9	16.4	17.5	38.0
20	17.7	14.2	14.1	13.4	15.6	15.8	15.1	19.5	26.3	19.9	21.9	21.8	21.1	21.1	21.3	21.4	21.0	19.4	18.5	17.7	16.2	18.2	34.3
21	15.5	14.6	15.0	14.4	12.9	14.5	14.5	19.0	20.5	18.3	19.3	20.4	21.1	21.8	21.1	21.4	21.1	19.4	18.5	17.7	16.4	17.0	24.0
22	14.3	14.9	16.1	16.4	14.8	14.6	15.2	18.4	25.2	17.8	20.5	19.6	19.2	19.2	19.0	20.5	21.0	19.4	18.6	17.7	16.4	15.8	34.0
23	14.2	12.9	12.4	11.3	11.0	12.1	12.3	16.1	25.6	16.0	19.2	21.5	19.0	19.3	19.8	20.4	20.9	19.6	18.4	17.7	16.5	14.0	33.0
24	11.1	11.7	11.0	10.2	10.9	12.4	11.2	15.9	19.3	15.7	17.0	20.1	18.1	18.5	19.3	19.9	20.6	19.7	18.3	17.7	16.5	12.0	31.0
25	12.4	12.6	12.5	12.8	14.1	13.7	13.0	15.4	23.9	17.7	19.0	20.8	17.9	18.0	19.7	19.5	20.3	19.5	18.4	17.7	16.5	15.1	31.2
26	13.5	13.7	12.0	13.5	12.2	11.8	12.8	16.7	28.4	15.3	20.1	20.8	19.3	19.0	19.3	19.7	20.1	19.3	18.3	17.7	16.5	13.2	36.6
27	12.0	12.1	11.5	13.2	12.5	12.5	12.3	15.0	21.0	17.0	17.7	20.3	17.9	18.1	18.8	19.5	20.2	19.2	18.3	17.7	16.5	12.8	30.4
28	11.5	11.5	11.2	12.6	9.2	9.2	10.9	14.8	27.4	14.8	19.0	20.0	17.8	18.0	18.7	19.4	20.1	19.1	18.3	17.7	16.5	14.0	37.6
29	8.3	9.7	8.4	9.6	11.1	12.0	9.9	14.3	24.5	14.9	17.9	20.0	17.4	17.6	18.5	19.3	19.9	18.9	18.2	17.6	16.5	12.2	36.0
30	12.1	11.4	13.3	12.6	12.0	12.7	12.4	15.0	27.1	18.0	20.0	20.4	17.7	17.9	18.4	19.1	19.9	18.9	18.2	17.8	16.5	12.1	35.3
平均 Mean	12.5	12.6	12.5	12.4	12.6	12.4	12.5	16.6	31.4	17.4	21.8	22.1	19.8	20.0	20.5	21.1	21.1	19.7	18.5	17.7	16.2	14.3	36.5

記 事
REMARKS.

1 a°.∞°a. T¹p.

2 T¹a.

3 a°a.

4 a°.∞°a. T⁰p.

5 a²p.

6 T¹, a², ∞°a. T⁰p.

7 ∞°a. T⁰p.

8 T⁰a. ☉10h40-10h47. 10h57-11h04.

9 ∞°a. T⁰a. ∞°p. < NNW 20h50-23h30.

10 ∞°a. T⁰a.

11 ∞°ap. ⊕°a.

12 ∞°ap. a°.∞°p. ☉0h54-☉1h30-☉2h35-☉3h51-☉5h58-10h30. 11h02-11h08. 15h15-16h45. T¹ NNW 14h48-☉1 NNW 14h53-☉2 NW 15h18-☉3 21h06-16h15.

13 a°.∞°p. ⊕°p.

14 ∞°a. T⁰, T⁰p.

15 ∞°a. T⁰, T¹a. a°p.

16 ∞°a. T⁰p. ☉9h55-☉10h03-☉10h28-11h10. 20h19-☉20h22-☉20h30-20h35.

17 ☉°a. ∞°a. a²p. ☉1h33-☉1h38-☉1h56-2h17. 6h11-6h20. 7h37-☉8h15-☉8h25-☉8h40-☉2h42-☉18h50-☉8h52-9h17.

18 a², ∞°a.

19 ∞°a. T⁰a.

20 ∞°a. T⁰, T¹, mp. ☉3h00-3h09.

21 a°.∞°a. ☉9h41-☉12h23-☉14h10-17h14. 17h48-18h25. 19h05-19h30. 19h56-

22 a°.∞°p. ☉°0h27. 6h53-☉7h05-☉7h20-9h50.

23 T¹p. ☉°2h25.4m ☉°2h18-2h45. 21h10-21h28.

24 ☉°∞°a. ☉°4h50-...6h08. 6h30-7h10.

25 a°.∞°p.

26 a°ap. T⁰∞°p. <° se 18h20-20h30. ☉°12h11-13h06.

27 a°.∞°a. T⁰p. ☉°11h44-☉°11h48-12h05. 13h05-13h50. 15h06-15h40. 17h12-17h25.

28 a°a.

29 ∞°a. T⁰, a°p.

30 a°.∞°p. 23h.

昭和七年九月

營口 YINGKOW.

SEPTEMBER 1932.

Table with columns: 日 (Day), 氣壓 * (耗) AIR PRESSURE (mm) (700 mm +), 風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND, 降水量 (耗) AMOUNT OF PRECIPITATION (mm), 總計 Total. Rows 1-30 and a summary row.

Table with columns: 日 (Day), 氣溫 (攝氏) AIR TEMPERATURE (°C), 濕度 (百分率) REL. HUMIDITY (%), 雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD, 日照時數 NO. OF HOURS WITH SUNSHINE, 蒸發量 (耗) AMOUNT OF EVAPORATION. Rows 1-30 and a summary row.

* 重力ノ更正 Reduction to standard gravity..... - 0.3
海面へノ更正 Reduction to mean sea level..... + 0.3

奉天 FENGTIEN.

昭和七年九月

SEPTEMBER 1932.

Table with columns for Day, Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Includes sub-columns for 2h, 6h, 10h, 14h, 18h, 22h, and Mean values.

Table with columns for Day, Air Temperature (C), Relative Humidity (%), Cloud Amount and Forms,日照時數 (Sunshine), and 蒸發量 (Evaporation). Includes sub-columns for 2h, 6h, 10h, 14h, 18h, 22h, and Mean values.

* 重力ノ更正 Reduction to standard gravity..... - 0.2
海面ノ更正 Reduction to mean sea level..... + 4.0

長 春

昭和七年九月

CHANGCHUN.

SEPTEMBER 1932.

Table with columns for Day, Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Includes sub-columns for hourly and daily averages.

Table with columns for Day, Air Temperature (°C), Relative Humidity (%), Amount and Forms of Cloud, and日照時數 (Hours of Sunshine). Includes sub-columns for hourly and daily averages.

* 重力ノ更正 Reduction to standard gravity.....-0.1
海面へノ更正 Reduction to mean sea level.....+19.1

日 Day	氣 壓 * (耗) AIR PRESSURE. (mm) (700 mm +)				風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.								降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)					
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h		13 ^h		21 ^h		二十四時 間平均 Mean for 24h	21-5 ^h	5-13 ^h	13-21 ^h	總計 Total			
1	52.4	53.0	55.5	53.6	N	1.2	WNW	5.1	ENE	4.4	3.1	—	—	—	—			
2	57.6	57.7	57.7	57.7	NE	4.7	N	4.4	NE	1.8	3.4	—	—	—	—			
3	58.5	58.1	58.4	58.3	NE	1.9	N	3.6	—	0.4	1.9	—	—	—	—			
4	53.8	58.7	59.0	58.5	NNE	1.2	SSE	2.6	N	2.0	1.7	—	—	—	—			
5	57.4	56.5	56.0	56.6	N	2.1	N	3.0	—	0.4	2.2	—	—	—	—			
6	55.6	55.5	55.4	55.5	E	0.9	S	0.5	SSE	0.6	1.2	—	—	—	—			
7	55.2	55.0	55.1	55.1	SSE	0.5	S	2.7	SSE	3.0	2.3	—	—	—	—			
8	54.0	54.2	53.3	54.0	SSE	0.9	S	2.6	SE	1.3	1.9	—	—	—	—			
9	52.3	52.4	53.3	52.7	SSE	1.4	S	3.3	WNW	1.2	2.1	—	—	—	—			
10	53.8	54.1	54.8	54.2	ENE	2.3	NE	3.4	WNW	3.6	2.9	—	—	—	—			
11	54.3	53.9	54.3	54.2	NE	3.4	S	3.5	NE	3.6	2.4	—	—	—	—			
12	53.9	54.3	55.1	54.4	E	1.6	S	2.2	NE	2.9	1.9	—	—	—	—			
13	55.8	56.8	56.5	56.4	NE	1.9	NNE	2.8	NE	2.3	3.2	—	0.3	—	0.3			
14	58.0	58.2	58.9	58.4	NNE	1.9	NNE	3.5	NE	2.5	2.6	—	—	—	—			
15	57.9	57.6	57.2	57.6	NE	2.0	S	3.5	NNE	2.0	2.0	—	—	—	—			
16	56.1	55.3	54.7	55.4	ENE	2.2	S	2.5	SE	1.5	1.7	—	—	—	—			
17	53.9	54.5	55.6	54.7	SSW	2.8	S	1.8	—	0.4	1.6	—	—	—	—			
18	56.0	56.0	57.4	56.5	SSE	1.1	S	3.3	SSE	0.9	1.6	—	3.8	—	—			
19	57.3	56.3	55.9	56.5	S	0.8	S	3.5	SSE	1.6	1.9	—	—	—	—			
20	54.9	54.5	54.1	54.5	W	1.5	S	2.9	S	1.1	1.2	—	1.4	—	—			
21	52.2	51.0	50.9	51.4	SSE	1.6	SSE	1.4	S	1.3	1.8	—	—	11.2	15.5			
22	49.2	48.9	48.8	49.0	W	1.0	SSW	0.8	NW	1.4	1.6	—	10.4	0.6	11.0			
23	49.4	50.4	52.1	50.6	NW	2.1	NW	5.3	NW	2.3	2.7	—	0.7	—	0.7			
24	51.5	52.1	53.7	52.4	NW	1.7	N	5.9	N	2.3	3.1	—	0.1	—	5.7			
25	54.4	54.3	53.9	54.2	NE	0.8	N	2.6	WNW	0.6	1.7	—	0.8	—	0.8			
26	51.6	50.1	49.9	50.5	NW	1.0	NNE	1.6	NE	1.2	1.5	—	—	—	—			
27	48.4	49.8	51.6	49.9	NW	1.1	N	3.3	NNE	1.8	2.2	—	—	—	—			
28	51.7	51.6	52.1	51.8	N	2.5	W	4.3	WNW	3.5	3.2	—	—	—	—			
29	51.7	51.9	52.4	52.0	NW	0.9	WNW	5.7	N	1.6	3.3	—	—	—	—			
30	52.2	51.4	50.0	51.2	SSE	1.8	S	4.2	SSW	6.8	3.3	—	—	—	—			
平均 Mean	54.2	54.1	54.4	54.3		1.7		3.2		2.0	2.2		17.2		21.8		22.5	61.5

日 Day	氣 温 (攝氏) AIR TEMPERATURE. (°C)							濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日 照 時 數 NO. OF HOURS WITH SUNSHINE.	蒸 發 量 (耗) AMOUNT OF EVAPORATION.			
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	平均 Mean					
1	18.6	26.7	20.0	21.7	27.4	18.0	9.4	97	69	54	73	0	—	5	k, c	0	—	1.7	12.30	7.5
2	15.5	22.4	17.6	18.5	22.8	15.3	7.5	79	59	76	71	0	—	0	sk	0	—	0.0	12.40	5.9
3	16.7	24.7	18.3	19.9	25.2	16.1	9.1	85	55	91	77	0	—	0	sk	0	—	0.0	12.30	6.2
4	18.6	25.7	19.5	21.3	26.9	17.1	9.8	73	62	91	75	0	—	0	sk	0	—	0.0	10.90	5.5
5	20.2	26.7	20.5	22.5	27.3	18.6	8.7	95	59	82	79	10	sk	0	—	0	—	3.3	10.60	6.3
6	18.7	23.5	19.6	20.6	27.4	18.5	8.9	100	83	91	91	0	—	10	sk, s	0	—	3.3	7.49	3.3
7	19.2	26.6	20.4	22.1	26.9	18.3	8.6	91	56	72	73	5	—	0	—	0	—	1.7	11.47	5.5
8	19.5	27.0	19.8	22.1	27.0	19.4	7.6	82	54	94	77	10	sk	10	cs, k	0	—	6.7	11.07	4.9
9	19.6	26.1	20.4	22.0	28.5	18.9	9.6	90	73	92	85	0	—	5	k	2	—	2.3	11.93	6.0
10	17.8	24.9	18.2	20.3	25.4	17.5	7.9	98	63	79	80	3	c	2	k	0	—	1.7	11.88	6.1
11	17.2	26.3	19.7	21.1	27.0	16.6	10.4	88	62	86	79	0	—	0	c	1	sk	0.3	11.72	4.6
12	19.2	24.9	19.2	21.1	27.4	18.8	8.6	97	85	98	93	2	c, k	9	k	7	—	6.0	8.07	4.3
13	18.4	23.2	19.2	20.3	24.3	18.4	5.9	91	72	85	83	3	sk	10	cs, sk	3	—	5.3	11.42	6.3
14	16.8	23.6	18.4	19.6	24.5	16.5	8.0	83	52	83	73	7	sk	8	cs	10	—	8.3	11.30	6.3
15	17.2	26.0	18.4	20.5	27.9	17.0	10.9	88	59	89	79	10	c, cs	8	c, sk	10	—	9.3	10.91	4.8
16	18.7	24.8	20.8	21.4	25.4	18.0	7.4	98	88	98	95	10	sk	10	sk, cs	10	sk	10.0	5.20	2.9
17	20.6	22.2	19.6	20.8	26.5	18.8	7.7	97	94	98	96	10	sk	10	sk	0	—	6.7	3.47	2.4
18	19.4	26.0	20.4	21.9	28.0	19.0	9.0	98	78	95	90	0	—	10	c, k	10	sk	6.7	10.00	4.3
19	20.0	24.3	21.3	21.9	26.5	19.8	6.7	97	84	94	92	8	sk	10	sk, cs	10	sk	9.3	5.23	4.0
20	20.0	25.4	20.7	22.0	27.0	18.7	8.3	95	81	94	90	10	sk	10	sk, cs	10	sk, cs	10.0	2.98	3.0
21	20.7	19.6	17.8	19.4	21.4	17.5	3.9	92	97	100	96	10	sk	10	sk	10	sk	10.0	0.00	2.0
22	18.4	22.9	16.6	19.3	23.9	16.4	7.5	100	86	96	94	10	sk	10	sk	1	sk	7.0	3.65	2.9
23	17.1	21.5	17.2	18.6	22.4	16.1	6.3	99	76	88	88	8	sk	3	sk	3	sk	4.7	11.06	3.9
24	16.7	19.6	16.9	17.7	20.9	15.5	5.4	91	79	99	90	8	sk, k	7	sk	10	sk	8.3	7.11	2.1
25	16.4	21.8	18.3	18.8	22.7	14.1	6.6	99	83	94	92	3	sk, k	10	sk, cs	10	sk	7.7	9.10	3.3
26	17.9	17.9	15.8	17.2	24.4	15.6	8.8	97	95	98	97	10	sk	10	sk	2	sk	7.3	3.72	2.3
27	15.6	20.7	17.2	17.8	21.4	14.7	6.7	98	85	98	92	3	sk, c	8	k, sk	5	sk	5.3	8.34	3.2
28	18.2	24.3	18.4	20.3	24.4	17.3	7.1	87	70	84	74	0	—	1	k	0	—	0.3	11.00	4.9
29	17.6	23.3	17.1	19.3	23.9	16.2	7.7	64	59	81	68	0	—	4	k, sk	0	—	1.3	10.90	4.4
30	17.2	25.0	22.8	21.7	25.4	16.6	8.8	86	58	59	68	2	sk	0	—	8	sk	3.3	10.68	5.8
平均 Mean	18.3	23.9	19.0	20.4	25.3	17.4	8.0	91	73	87	84	4.7		6.0		4.1		4.9	268.20	135.2

* 壓力ノ更正 Reduction to standard gravity..... 0.4
 海面ノ更正 Reduction to mean sea level..... 7.0

昭和七年九月

鞍山 ANSHAN.

SEPTEMBER 1932.

日 Day	氣 壓 * (耗) AIR PRESSURE. (mm) (700 mm +)				風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.								降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)				
	6 ^h	14 ^h	22 ^h	平均 Mean	6 ^h		14 ^h		22 ^h		二十四時 平均 Mean for 24h	2-6 ^h	10-14 ^h	18-22 ^h	總計 Total		
1	57.2	59.0	62.3	59.5	SW	3.5	N	6.4	N	3.0	3.4						
2	62.1	61.7	62.4	62.1	NNE	1.3	NNE	5.3		0.0	2.4						
3	64.0	62.4	62.8	63.1		0.0	NE	2.9		0.0	1.1						
4	62.3	63.2	62.7	62.7		0.0	N	1.8	ENE	0.7	0.8						
5	62.1	63.8	63.5	61.1		0.0	NNE	4.4		0.0	1.6						
6	63.9	63.2	58.9	59.8		0.0	SSE	3.6		0.1	0.8						
7	59.4	59.1	59.2	59.2	SSW	1.4	WSW	3.5		0.3	1.8						
8	59.5	58.4	57.9	58.6		0.0	SW	4.7	SSW	1.8	1.5						
9	56.7	56.0	57.5	56.7	SW	2.0	WSW	2.0	N	3.2	2.0						
10	58.7	60.1	59.9	59.6	N	3.2	NNE	3.2	ENE	1.3	3.3						
11	59.3	57.5	58.9	58.6		0.0	NW	1.8		0.0	0.9						
12	57.7	58.3	59.4	58.5		0.3	SE	1.2	NNE	1.8	1.0						
13	61.3	61.4	62.6	61.8	N	1.2	N	5.8	NE	3.5	2.1						
14	62.9	63.0	63.4	63.1		0.0	N	4.4		0.0	1.5						
15	64.4	62.0	62.5	63.0		0.0	ENE	1.5	E	0.5	1.0						
16	63.3	59.7	59.0	59.7		0.0	WSW	3.3		0.0	0.9						
17	59.5	58.0	60.1	59.2	E	2.3	SW	5.8	SW	0.9	1.9	0.1	4.7		5.1		
18	59.6	62.2	62.0	62.6		0.0	W	1.1		0.0	0.8						
19	61.6	61.5	59.9	60.7	SSW	0.8	W	4.1	SW	1.3	1.4						
20	59.9	59.2	58.1	59.1		0.0	WNW	3.0	WSW	2.3	1.7						
21	56.6	55.5	56.8	56.3	SW	0.6	W	4.1		0.0	1.7						
22	54.6	54.4	53.4	54.1	SE	1.3	NNW	2.0	NE	2.7	1.2	0.4	4.2	6.4	6.4		
23	52.7	53.8	54.6	53.7		0.0		0.0		0.0	1.1	10.6	0.0	17.3	21.9		
24	55.1	55.7	57.2	56.0		0.0	N	3.5		0.0	1.1	3.1	0.2	10.5	21.1		
25	59.0	59.1	58.1	58.7		0.0	NE	1.7	E	0.6	0.5			3.3	6.6		
26	55.1	55.7	54.8	55.2		0.0	ENE	2.1	NNE	2.8	1.3			14.8	15.0		
27	54.5	54.4	55.1	54.7	NE	2.9	NNE	3.5	SE	1.8	2.4	6.9	0.5		7.4		
28	54.5	55.2	54.5	54.7	SSW	1.5	WNW	2.7	SSW	1.8	1.8						
29	55.0	55.0	57.0	55.7	SSW	1.5	NW	2.9	SW	3.5	2.4						
30	56.0	55.3	53.0	54.8	SSW	1.8	SSW	4.4	S	4.4	3.0						
下月 Mean	58.7	58.5	58.8	58.7		0.9		3.2		1.3	1.6	21.4	9.8	52.3	83.5		

日 Day	氣 溫 (攝氏) AIR TEMPERATURE. (°C)							濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.					日 照 時 數 NO. OF HOURS WITH SUNSHINE.	蒸 發 量 (耗) AMOUNT OF EVAPORATION.		
	6 ^h	14 ^h	22 ^h	平均 Mean	最高 Max.	最低 Min.	較差 Range	6 ^h	14 ^h	22 ^h	平均 Mean	6 ^h	14 ^h	22 ^h	平均 Mean					
1	17.0	22.1	14.8	18.0	22.5	14.1	8.4	81	45	71	66	2	sk	7	sk	0	—	3.0	7.50	5.5
2	9.8	21.1	15.5	15.5	23.2	9.1	13.1	90	46	72	69	0	—	2	sk	0	—	0.7	11.70	4.9
3	9.9	24.2	17.4	17.2	24.8	9.2	15.6	93	41	75	70	2	cs	0	—	0	—	0.7	11.40	5.1
4	13.2	26.2	19.1	19.5	27.4	12.3	15.1	91	42	69	67	0	—	2	sk	0	—	0.7	11.30	4.5
5	12.7	25.9	18.3	19.0	26.6	11.9	14.7	90	39	73	67	1	cs	0	—	1.0	—	1.0	11.90	4.6
6	18.1	27.3	18.3	19.6	27.7	12.6	15.1	90	35	71	65	3	sk	2	sk	0	—	1.7	11.10	4.5
7	15.7	27.1	20.1	21.0	28.6	15.0	13.6	84	35	77	65	2	sk	3	sk	2	sk	2.3	10.90	6.0
8	13.3	25.8	17.9	19.0	27.2	12.5	14.7	88	39	72	66	2	sk	10	cs	4	cs	5.3	10.20	5.8
9	14.9	25.9	18.3	19.7	27.2	13.5	13.7	81	50	78	70	5	sk	6	sk	10	sk	7.0	6.70	4.8
10	15.1	21.8	14.5	17.1	22.5	13.6	8.9	83	35	61	62	10	sk	4	cs	0	—	4.7	4.90	4.9
11	9.5	25.0	18.5	17.7	25.4	7.9	17.5	88	40	63	64	0	—	4	cs	8	sk	4.0	10.90	4.9
12	15.2	23.6	17.6	18.8	25.7	14.2	11.5	86	60	79	75	9	sk	10	sk	10	sk	9.7	2.69	2.4
13	12.6	20.7	16.0	16.4	22.5	11.8	10.7	92	58	62	71	8	sk	10	sk	0	—	6.0	2.69	3.1
14	8.9	22.2	15.6	15.6	23.3	8.0	15.3	95	46	70	67	0	—	6	sk	4	cs	2.0	10.50	4.4
15	8.9	24.8	17.0	16.9	25.6	8.2	17.4	91	36	68	65	0	—	5	cs	4	cs	3.0	11.00	4.6
16	12.4	25.6	19.5	19.2	26.3	11.3	15.0	83	35	71	63	6	sk	10	sk	10	sk	8.7	7.40	3.0
17	16.1	24.2	17.9	19.4	25.1	15.4	9.7	92	53	82	76	10	sk	7	sk	0	—	5.7	3.29	4.2
18	15.4	26.8	19.9	20.7	28.2	14.4	13.8	91	46	79	72	0	—	6	sk	10	sk	5.3	10.70	4.8
19	18.1	26.5	19.9	21.5	28.4	16.5	11.9	87	43	77	69	10	sk	7	sk	9	sk	8.7	7.30	4.7
20	18.2	24.9	19.7	20.9	28.3	17.5	10.8	90	59	79	76	10	sk	10	sk	6	sk	8.7	5.40	4.1
21	18.8	25.0	17.5	19.8	26.2	16.1	10.1	90	52	95	79	8	sk	10	sk	10	n	9.3	3.20	2.3
22	16.5	18.5	17.1	17.4	21.5	15.3	6.2	91	87	98	92	4	sk	10	n	10	n	8.0	0.00	1.7
23	16.3	18.6	15.2	16.7	19.9	14.4	5.5	98	83	94	92	10	sk	10	n	10	n	10.0	0.00	1.6
24	13.9	18.8	15.5	16.1	20.8	13.2	7.6	97	67	93	86	10	sk	8	sk	0	—	6.0	4.40	1.5
25	14.1	20.7	16.1	17.0	22.5	12.2	10.3	85	76	87	83	10	sk	6	sk	2	sk	6.0	5.70	2.7
26	13.9	23.2	15.3	17.5	23.9	12.9	11.0	95	54	85	81	0	—	10	sk	10	n	6.7	4.70	4.4
27	14.9	22.1	16.9	18.0	22.7	14.1	8.6	96	55	77	76	10	sk	6	sk	10	sk	8.7	7.60	3.7
28	12.9	21.5	16.1	16.8	23.4	12.0	11.4	92	50	75	72	0	—	1	sk	0	—	0.3	9.30	3.9
29	13.4	20.1	14.5	16.0	21.9	11.5	10.4	87	52	80	73	6	sk	3	sk	0	—	3.0	9.80	4.9
30	12.5	24.8	19.3	18.9	25.6	11.1	14.5	75	33	57	55	0	—	4	sk	0	—	1.3	10.30	7.9
平均 Mean	13.8	23.5	17.3	18.2	24.8	12.7	12.1	89	50	77	72.6			6.0		4.2		4.9	224.20	124.4

* 重力ノ更正 Reduction to standard gravity.....- 0.3
海面へノ更正 Reduction to mean sea level.....+ 3.5

鄭家屯

CHENGCHIATUN.

SEPTEMBER 1932.

昭和七年九月

日 Day	氣 壓 * (耗) AIR PRESSURE. (mm) (700 mm +)				風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.								降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)				
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	平均 Mean	24小時 平均 Mean for 24h.	21-5 ^h	5-13 ^h	13-21 ^h	總計 Total				
1	48.8	52.5	54.4	51.9	NNW	2.7			3.7								
2	56.6	55.6	56.1	56.1	NNW	1.6			1.5								
3	58.3	57.5	56.6	57.5	ESE	0.5			0.9								
4	56.8	56.8	56.9	56.8	ESE	0.6			1.4			0.0	0.0				
5	56.8	55.5	55.0	55.8	ENE	0.9			1.6								
6	55.3	53.1	52.2	53.5	E	0.7			1.0								
7	52.7	51.4	51.8	51.8	S	1.3			1.9								
8	52.3	50.8	49.9	51.0	SSW	2.6			3.6								
9	50.1	51.5	53.1	51.6	SSE	1.3			3.0		0.3	0.4	0.7				
10	54.7	54.4	55.4	54.8	NNE	1.8			2.6								
11	55.1	53.3	53.1	53.8		0.0			1.3								
12	52.0	53.2	54.2	53.1	NNE	1.2			2.1								
13	55.4	57.2	56.4	56.3	NNE	4.5			4.5								
14	57.8	57.1	58.6	57.8	NNE	3.3			2.6								
15	58.5	56.3	55.2	56.7		0.4			1.0								
16	54.3	53.0	52.7	53.3	E	0.5			1.3								
17	52.2	52.3	53.1	52.5	SSW	0.8			1.9								
18	53.8	53.4	54.3	53.8	S	0.7			1.6		3.9		3.9				
19	54.3	53.1	53.1	53.5	SSW	0.5			1.4								
20	52.2	52.9	52.3	52.5	W	2.0			2.1	0.4	0.6		1.0				
21	51.9	48.9	49.2	50.0		0.0			0.9								
22	48.8	48.4	49.1	48.8	E	2.5			1.4	1.0	7.0	13.9	21.3				
23	47.0	46.8	48.8	47.5	NNE	3.2			2.6	13.2	17.0	0.2	35.4				
24	50.0	49.9	50.5	50.1	ESE	0.9			2.1								
25	53.4	52.9	50.7	52.3	N	1.3			1.7								
26	51.1	50.1	50.2	50.5	E	1.1			1.7								
27	49.3	48.9	48.1	48.8	NNE	1.6			1.7								
28	47.4	47.7	47.6	47.6	SSE	0.5			1.5	0.2		36.5	30.7				
29	49.7	47.5	48.2	48.5	W	0.9			1.8	1.0	0.1		1.1				
30	50.7	49.3	48.9	49.6	WNW	1.7			1.6								
平均 Mean	52.9	52.4	52.5	52.6		1.4			1.9	20.8	28.9	44.4	94.1				

日 Day	氣 溫 (攝氏) AIR TEMPERATURE. (°C)						濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日 照 時 數 NO. OF HOURS WITH SUNSHINE.	蒸 發 量 (部) AMOUNT OF EVAPORATION.			
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較 差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h			平均 Mean		
1	13.9	18.0	12.7	14.9	19.6	12.3	7.3	91	42	69	67	0	—	0	—	3.0	7.26	4.6	
2	8.2	22.3	14.4	15.0	23.4	7.8	15.6	85	38	86	70	0	—	0	—	0.7	10.79	5.1	
3	8.5	23.1	18.8	18.8	24.9	8.5	16.4	95	37	59	64	0	—	0	—	0.0	10.85	4.7	
4	11.5	25.7	17.3	18.2	26.0	11.5	14.5	90	43	65	66	0	—	0	—	0.0	11.98	6.1	
5	12.0	25.0	16.0	17.7	25.8	12.0	13.8	88	44	69	67	0	—	0	—	0.0	11.84	5.8	
6	10.8	25.4	15.2	17.1	26.9	10.7	16.2	89	32	74	63	0	—	0	—	0.0	11.92	5.5	
7	9.9	26.7	18.2	18.3	27.6	9.8	17.8	93	37	70	67	0	—	0	—	0.0	11.42	6.3	
8	15.2	26.4	16.0	19.2	26.6	12.9	13.7	95	31	68	65	0	—	0	—	2.7	11.21	6.0	
9	12.0	15.7	14.0	13.9	19.6	11.9	7.7	92	88	79	86	5	sc, c	10	u	6	7.0	1.38	2.3
10	7.9	20.7	10.4	13.0	21.0	7.7	13.3	95	34	73	67	0	—	0	—	0.0	11.70	5.5	
11	6.9	21.2	13.2	13.6	21.9	6.1	15.8	90	34	69	62	0	—	1	—	2.3	11.35	4.5	
12	9.9	21.7	14.6	15.4	23.6	9.4	14.2	87	48	76	70	10	kc	10	kc, u	9.0	7.03	5.5	
13	14.4	31.2	12.7	16.1	22.0	12.6	9.4	81	34	64	63	10	kc, u	1	—	3.7	10.81	6.1	
14	8.2	21.7	12.8	14.2	22.9	8.0	14.9	92	40	68	67	0	—	0	—	1.3	10.82	5.0	
15	7.8	23.1	15.1	15.2	25.0	6.7	18.3	87	33	67	62	0	—	1	—	2.3	10.75	4.6	
16	10.3	24.6	16.4	17.1	24.7	10.3	14.4	93	48	69	70	8	c, ck	10	—	9.0	8.50	3.3	
17	13.9	17.5	16.3	15.9	18.3	13.5	4.8	86	87	96	90	10	u	10	u	7.3	0.70	1.1	
18	14.1	25.4	17.3	18.9	25.9	13.6	12.3	90	53	85	79	10	—	3	—	5.3	7.36	4.2	
19	15.6	25.2	19.6	20.1	26.0	15.0	11.0	95	57	77	76	10	u, cs	10	u	9.3	5.80	3.4	
20	18.1	24.3	16.4	19.8	25.0	16.3	8.7	96	59	77	76	10	u	0	—	6.3	4.04	3.2	
21	10.3	23.5	17.6	17.1	24.1	10.3	13.8	96	38	69	68	9	c, cs	10	u	9.7	4.38	2.9	
22	14.7	17.7	14.6	15.7	18.1	14.4	3.7	89	88	89	89	10	u	10	u	10.0	0.00	2.6	
23	14.6	16.9	15.5	15.7	19.4	14.4	5.0	97	86	93	92	10	—	10	u	6.7	1.65	1.6	
24	12.8	21.0	14.6	16.1	21.7	12.5	9.2	97	57	91	82	2	kc, k	2	—	3.0	3.63	2.8	
25	12.1	22.6	13.4	16.0	23.5	11.7	11.8	96	53	91	80	0	—	5	—	1.7	9.90	3.7	
26	10.6	22.3	12.9	15.3	22.3	10.5	11.8	96	47	90	78	4	c, cs	10	—	4.7	7.70	3.3	
27	9.2	21.7	16.1	15.7	22.5	9.1	13.4	94	41	73	69	5	cs, u	7	—	4.0	9.45	2.7	
28	13.6	20.6	14.4	16.2	21.1	12.5	8.6	90	60	78	76	9	sc, u	8	—	8.7	8.21	5.4	
29	10.1	15.5	13.2	12.9	15.9	9.6	6.3	96	73	85	85	5	kc	10	u, kn	5.0	0.59	1.3	
30	8.4	18.2	14.4	13.7	19.7	7.8	11.9	97	58	77	77	0	—	0	—	0.0	4.92	3.1	
平均 Mean	11.5	21.8	15.1	16.1	22.8	11.0	11.9	92	51	76	73	4.2		5.4		2.6	4.1	222.94	122.3

* 重力ノ更正 Reduction to standard gravity..... - 0.1
海面ノ更正 Reduction to mean sea level..... + 10.4

昭和七年九月

桃園 TAONAN.

SEPTEMBER 1932.

日 Day	氣 壓 * (耗) AIR PRESSURE. (mm) (700 mm +)				風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.						降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)				
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	二十四時 間平均 Mean for 24h.	21-5 ^h	5-13 ^h	13-21 ^h	總計 Total			
1	47.0	50.2	51.1	49.4	NNW	8.5	NNW	8.8	NNW	1.6	—	—	0.7	0.7	
2	51.3	52.9	53.6	52.6	NNW	1.2	SE	1.7	SE	2.3	—	—	—	—	
3	53.8	53.1	53.5	53.5	SW	2.3	E	2.6	ENE	2.1	—	—	0.0	0.1	
4	54.1	53.7	55.8	54.5	ENE	1.2	N	2.0	SE	2.0	—	—	—	—	
5	54.1	52.8	52.7	53.2	SE	1.0	E	2.3	W	1.8	—	—	—	—	
6	53.0	49.6	48.9	50.5	W	1.5	S	2.2	SE	2.9	—	—	—	—	
7	47.5	46.6	46.5	46.9	SSE	1.6	S	3.7	S	5.3	—	—	—	—	
8	45.7	45.4	46.0	45.7	S	3.3	S	5.4	N	17.3	—	—	9.8	9.8	
9	47.2	49.0	51.0	49.1	N	8.4	N	7.7	NNE	1.9	—	—	5.1	28.2	
10	51.3	50.3	50.4	50.7	NW	2.3	SW	3.0	W	0.8	—	—	—	—	
11	50.1	48.8	49.3	49.4	SSW	2.7	SW	3.1	S	3.6	—	—	—	—	
12	50.3	49.8	52.0	51.0	N	1.8	N	4.7	N	4.7	—	—	—	—	
13	54.6	53.7	54.6	54.3	NNW	2.7	N	5.3	NNE	2.3	—	—	—	—	
14	55.3	55.1	54.6	55.0	NNW	3.0	NE	2.2	NE	2.0	—	—	—	—	
15	54.5	54.2	52.3	53.7	W	1.1	S	1.8	ESE	2.9	—	—	—	—	
16	51.0	49.7	48.6	49.8	SEF	1.0	E	1.9	E	2.2	—	—	—	—	
17	48.6	49.0	49.8	49.1	SSE	1.3	SE	2.5	S	1.4	—	—	0.5	0.5	
18	50.5	49.6	50.3	50.1	—	0.4	E	1.4	E	2.3	—	—	—	—	
19	50.1	48.8	47.9	48.9	NE	0.9	SSE	2.5	W	4.4	—	—	—	—	
20	48.6	48.3	47.0	48.3	NNW	3.3	NNW	2.9	SW	1.3	3.8	—	—	3.8	
21	46.8	46.1	47.1	46.7	—	0.4	N	2.4	N	2.6	—	—	—	—	
22	46.3	46.3	46.9	46.5	N	0.6	NNE	4.3	N	3.5	—	—	—	0.3	
23	46.4	46.4	47.7	46.8	N	5.8	NNE	3.3	N	3.5	1.1	—	7.6	15.9	
24	47.8	48.4	49.7	48.6	N	3.6	NNW	4.3	NNE	0.9	3.1	—	—	3.1	
25	49.8	49.6	49.5	49.6	NW	1.7	NNE	1.9	NW	0.8	—	—	—	—	
26	48.6	48.2	48.0	48.3	—	0.4	NNE	2.7	NE	1.2	—	—	—	—	
27	48.1	47.3	47.3	47.6	N	2.8	NNE	6.0	NNE	2.5	—	—	—	—	
28	45.5	45.0	44.6	45.0	NNE	2.6	N	2.8	SW	0.6	—	—	0.2	0.2	
29	44.3	43.9	44.5	44.2	N	1.4	N	1.8	N	2.6	0.7	—	1.7	2.4	
30	45.5	45.4	46.1	45.7	N	2.7	N	1.5	N	2.9	—	—	—	—	
平均 Mean	49.6	49.2	49.6	49.5		2.4		3.3		2.7	31.8		15.4	17.8	65.0

日 Day	氣 溫 (攝氏) AIR TEMPERATURE. (°C)							濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日 照 時 數 NO. OF HOURS WITH SUNSHINE.	蒸 發 量 (耗) AMOUNT OF EVAPORATION.		
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	平均 Mean				
1	10.7	11.7	12.4	11.6	17.0	10.6	6.4	83	89	80	84	3	10	s	—	4.3	6.23	2.0	
2	7.1	19.2	14.6	13.6	20.8	6.7	14.1	93	48	71	71	3	9	kc	—	3.3	11.19	4.2	
3	10.7	20.7	14.8	15.4	21.1	10.4	10.7	90	51	82	74	0	10	sk	—	3.3	4.46	2.4	
4	13.9	13.3	17.5	14.9	24.2	10.3	13.9	62	44	80	62	4	2	kc	—	2.0	9.68	5.1	
5	13.3	24.5	16.8	18.2	24.9	12.8	12.1	93	39	71	67	0	3	kc	—	1.0	11.53	5.9	
6	12.6	25.3	18.0	18.6	26.1	12.6	13.5	81	33	62	59	0	1	kc	—	0.3	11.84	6.5	
7	12.8	27.9	19.3	20.0	28.8	12.5	16.3	81	33	55	56	6	0	—	—	2.0	10.18	7.7	
8	14.3	28.1	16.0	19.5	28.3	14.2	14.1	86	41	93	73	0	5	kc	—	5.0	12.35	6.4	
9	12.0	16.1	13.1	13.7	17.3	11.0	6.3	90	62	75	70	10	8	kn	—	6.0	6.96	3.3	
10	9.7	20.2	14.7	14.9	21.4	9.1	12.3	85	49	81	72	3	7	kn	—	3.3	11.31	3.5	
11	9.3	21.9	14.9	15.4	23.2	8.9	14.3	57	35	61	52	0	3	kc	—	4.0	10.56	4.5	
12	13.9	19.7	14.9	16.2	20.6	11.8	8.8	71	69	71	70	10	8	kc	—	6.0	7.75	3.4	
13	11.1	18.3	13.9	14.4	18.8	9.8	9.0	76	38	62	59	0	0	—	—	0.0	12.10	5.3	
14	10.1	19.8	13.5	14.5	20.9	8.4	12.5	83	48	79	70	2	0	—	—	0.7	11.99	4.0	
15	10.0	20.1	15.4	15.2	23.1	8.7	14.4	78	50	70	66	0	0	—	—	4	11.21	5.2	
16	11.8	21.9	17.1	16.9	23.5	10.2	13.3	72	49	71	64	9	10	s, k	—	9.7	7.81	4.1	
17	15.1	19.2	16.1	16.8	19.6	14.3	5.3	86	70	93	83	10	10	u	—	9.0	1.02	1.4	
18	15.2	23.1	18.7	19.0	24.3	14.0	10.3	98	60	83	80	10	8	c, k	—	4	7.3	3.4	
19	15.5	24.2	21.0	20.2	24.9	14.6	10.3	94	52	70	72	10	10	sk	—	10.0	3.34	4.1	
20	16.6	21.3	14.8	17.6	22.6	14.5	8.1	80	47	71	66	8	0	—	—	3.7	9.70	4.0	
21	9.9	19.0	14.9	14.6	20.1	9.6	10.5	91	59	79	73	10	10	cs	—	4	8.0	6.05	3.2
22	13.7	17.7	15.4	15.6	18.0	13.2	4.8	94	74	81	83	10	10	u	—	6	8.7	0.00	1.4
23	12.5	12.0	13.7	12.7	15.8	11.6	4.2	89	96	62	82	10	10	u	—	10.0	0.00	1.6	
24	12.7	19.1	14.1	15.3	20.1	12.6	7.5	95	57	82	78	10	10	c, k	—	6.7	5.13	1.9	
25	9.3	20.9	14.3	14.8	22.1	9.1	13.0	91	46	89	75	3	0	—	—	1.0	11.24	3.2	
26	11.3	20.3	13.1	14.9	20.8	10.3	10.5	94	49	91	78	2	8	c	—	3.3	9.77	1.9	
27	11.1	20.0	14.7	15.3	20.8	10.8	10.0	92	44	74	70	9	7	cc	—	5.3	10.72	3.8	
28	12.1	17.3	12.9	14.1	17.3	12.0	5.3	94	72	90	85	10	10	s	—	10.0	0.73	1.5	
29	13.1	13.5	11.3	12.6	14.4	11.3	3.1	92	83	94	90	10	10	u	—	6.7	0.92	1.4	
30	9.5	16.0	13.1	12.9	16.4	8.3	8.1	85	71	84	80	0	6	kc	—	3.0	10.04	2.3	
平均 Mean	12.0	19.7	15.2	15.6	21.2	11.1	10.1	85	55	77	72.5	3	6.2			2.8	4.8	233.25	108.6

* 重力ノ更正 Reduction to standard gravity..... - 0.0
海面へノ更正 Reduction to mean sea level..... + 13.5

哈爾濱 HARBIN.

昭和七年九月

SEPTEMBER, 1932.

Table with columns: 日 (Day), 氣壓 (AIR PRESSURE), 風ノ方向及速度 (DIRECTION AND VELOCITY OF WIND), 降水量 (AMOUNT OF PRECIPITATION). Includes sub-columns for 5h, 13h, 21h, and Mean values.

Table with columns: 日 (Day), 氣溫 (AIR TEMPERATURE), 濕度 (REL. HUMIDITY), 雲量 (AMOUNT AND FORMS OF CLOUD), 日照時數 (NO. OF HOURS WITH SUNSHINE), 蒸發量 (AMOUNT OF EVAPORATION). Includes sub-columns for 5h, 13h, 21h, Mean, Max, Min, Range, and cloud types.

* 重力ノ更正 Reduction to standard gravity.....+ 0.1
海面ノ更正 Reduction to mean sea level.....+ 13.1

齊々哈爾 TSITSIHAR.

昭和七年九月

SEPTEMBER, 1932.

Table with columns for Day, Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Includes sub-columns for 5h, 13h, 21h, and Mean values.

Table with columns for Day, Air Temperature (°C), Relative Humidity (%), Amount and Forms of Cloud, and Evaporation. Includes sub-columns for 5h, 13h, 21h, Mean, Max, Min, Range, and cloud codes.

* 重力ノ更正 Reduction to standard gravity.....+ 0.1
海面ノ更正 Reduction to mean sea level.....+ 17.7

昭和七年十月二十五日印刷
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昭和七年十月

滿 洲 氣 象 表

REPORT

OF THE

METEOROLOGICAL OBSERVATIONS

MADE AT THE

METEOROLOGICAL STATIONS

IN

MANCHURIA.

OCTOBER, 1932.

PUBLISHED BY THE METEOROLOGICAL OBSERVATORY, DAIREN.

凡 例

本編ハ昭和七年十月中滿洲各觀測所ニ於ケル氣象觀測ノ成績ヲ示スモノニシテ其ノ觀測ノ時刻方法等ハ日本各測候所ト全ク同一ノ式ニ據ル今其要點ヲ舉グレバ

觀測時ハ日本西部標準時即チ東經百二十度ノ地ノ平時ニ據リ夜半ヲ日界トスル二十四時間制ヲ用フ 但シ日照時數ハ眞太陽時ニ據ル

氣壓ハ耗ヲ以テ示シ晴雨計示度ニ施スニ單ニ溫度ノ更正ノミヲ以テシ海面上高サノ更正及重力ノ更正ハ施サズ

溫度ハ攝氏ノ度ニ據ル但シ氷點以下ノ度ハ負數ヲ用ヒズ百ヨリ其度ヲ減ジ其餘數ヲ以テ之ヲ示ス即チ氷點以下一度ハ九十九度氷點以下五度ハ九十五度ト記スルガ如シ

或ル觀測時ニ於ケル風速ハ其觀測時前二十分間ノ平均風速ヲ以テ之ヲ示ス

平均雲量ニ未滿ナル日ヲ快晴トシ八以上ナル日ヲ曇天トス

風ノ速度一秒時間十米以上ヲ觀測シタル日ヲ暴風日トス

INTRODUCTION.

The present publication contains the results of the meteorological observations made at the meteorological stations in Manchuria for the month of October, 1932.

The instruments and the method of observation are the same as those at the meteorological stations in Japan. The followings are to be particularly noticed.

Hours of Observations.—The Western Standard Time of Japan (civil mean time of the meridian 120° E.) is adopted. For the measure of sunshine duration the apparent solar time is used. *Pressure.*—The barometric readings in millimetres are reduced only to freezing point.

Temperature.—The degrees are given in Centigrade; those below zero are shown by adding 100, to avoid the minus sign; thus 99° for -1°, 95° for -5°, etc.

Velocity of the Wind.—As the velocity at any time is given the mean for the preceeding 20 minutes.

Clear and Cloudy Days.—The mean amount of cloud for a clear day is less than 2 exclusive, and for a cloudy day is more than 8 inclusive.

Days with Gales.—As such are counted the days on which the maximum velocity reaches or exceeds 10 metres per second.

現象記號

ILLUSTRATION OF SYMBOLS

(1) 萬國共通記號 *International symbols*

雨 ● Rain	霜 ⊏ Hoar frost	日暈 ⊕ Solar halo
雪 * Snow	露 ⊖ Dew	日光環 ⊙ Solar corona
電雷 ⊗ Thunder storm	霧氷 ∨ Silver thaw	月暈 ⊕ Lunar halo
雷聲 ⊥ Thunder without lightning	雨水 ~ Glazed frost	月光環 ⊖ Lunar corona
電光 < Lightning without thunder	吹雪 ⊕ Snow drift	虹 ∩ Rainbow
霰 △ Graupel	細氷 ← Ice crystals	極光 ⊏ Aurora
雹 ▲ Hail	積雪 ⊗ Snow lying	煙霧 ∞ Haze
霧 ≡ Mist, fog	暴風 ⊗ Gale	黃道光 ⊏ Zodiacal light

(2) 其他ノ記號 *Other symbols*

凍雨 ● Frozen rain	凍露 ⊏ Frozen dew	結氷 ⊏ Ice
霜柱 ⊥ Ice columns in ground	波狀雲 ∞ Undulated cloud	黃砂 ≡ Yellow dust
朝焼け ⊥ Red sky	海鳴 ⊖ Oceanic noise	地震 ⊕ Earthquake
卷雲 C Cirrus	卷層雲 CS Cirro-stratus	卷積雲 CK Cirro-cumulus
層雲 S Stratus	高層雲 SC Alto-stratus	層積雲 SK Strato-cumulus
積雲 K Cumulus	高積雲 KC Alto-cumulus	積亂雲 KN Cumulo-nimbus
亂雲 N Nimbus		

(3) 現象ノ強サ *The intensity of the phenomena*

現象ノ強弱ヲ示ス爲ニ記號ノ右肩ニ012ノ數字ヲ記ス例ヘバ

The intensity of a phenomenon is shown by an index added to its symbol, thus:—

微雨 ●⁰ slight rain 中雨 ●¹ moderate rain 強雨 ●² heavy rain

地震震度階級 *Intensity of earthquakes*

微震 ⊙⁽¹⁾ slight 弱震(弱キ方) ⊙⁽²⁾ moderate 弱震 ⊙⁽³⁾ rather strong
 強震(強キ方) ⊙⁽⁴⁾ strong 強震 ⊙⁽⁵⁾ very strong 烈震 ⊙⁽⁶⁾ disastrous

大連

DAIREN.

昭和七年十月

OCTOBER, 1932.

Table with columns for Day, AIR PRESSURE (mm), DIRECTION AND VELOCITY OF WIND, and AMOUNT OF PRECIPITATION (mm). Includes sub-columns for 2h, 6h, 10h, 14h, 18h, 22h, and Mean values.

Table with columns for Day, AIR TEMPERATURE (°C), REL. HUMIDITY (%), AMOUNT (0-10) AND FORMS OF CLOUD, and AMOUNT OF EVAPORATION. Includes sub-columns for 2h, 6h, 10h, 14h, 18h, 22h, and Mean values.

* 重力ノ更正 Reduction to standard gravity..... - 0.4
海面ノ更正 Reduction to mean sea level..... + 8.8

大 連

昭和七年十月

DAIREN.

OCTOBER, 1932.

日 Day	水蒸氣ノ張力(托) TENSION OF VAPOUR. (mm)							地面溫度(攝氏) EARTH TEMP. ON THE SURFACE. (°C)				地 中 溫 度 (攝氏) EARTH TEMPERATURE. (°C)										最低 相溫 (攝氏) MIN. TEMP. ON GRASS. (°C)	最高 相溫 (攝氏) MAX. TEMP. ON BLACK BULB. (°C)
	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	平均 Mean	6 ^h	14 ^h	22 ^h	平均 Mean	0.05m	0.1m	0.2m	0.3m	0.5m	1.0m	2.0m	3.0m	4.0m	5.0m		
1	6.2	10.1	11.8	9.2	8.4	6.0	8.6	13.1	25.4	13.5	18.3	21.0	18.9	18.8	19.2	19.4	19.7	18.9	18.0	17.7	16.5	11.2	36.8
2	7.4	7.3	8.5	6.0	6.9	7.0	7.2	13.5	24.8	11.8	16.6	18.1	17.5	17.2	18.1	19.1	19.6	18.9	18.0	17.6	16.5	10.1	33.1
3	8.2	7.9	8.5	7.9	6.0	6.0	7.4	11.8	15.5	9.9	12.4	14.8	14.3	15.4	16.6	18.1	19.1	18.7	18.0	17.4	16.5	7.5	22.5
4	6.4	7.3	6.2	5.0	5.3	5.6	6.1	9.1	17.1	9.1	11.8	13.9	12.1	13.5	14.9	16.8	18.1	18.7	18.0	17.3	16.5	8.1	22.8
5	5.9	6.5	7.7	8.6	8.4	8.1	7.5	8.9	22.4	12.0	14.1	15.6	12.1	12.8	14.0	15.8	18.6	18.5	18.0	17.4	16.5	5.5	35.7
6	10.7	11.2	10.0	8.7	9.9	12.6	10.5	13.0	13.6	14.7	13.8	18.5	15.4	15.1	15.5	16.4	18.2	18.4	18.0	17.6	16.5	12.8	38.0
7	12.0	12.0	10.0	9.4	7.7	6.1	9.5	14.3	20.5	9.5	14.8	14.7	15.1	15.7	16.3	17.1	17.9	18.3	17.9	17.4	16.5	8.0	26.5
8	7.0	6.9	7.6	5.6	6.5	5.8	6.9	9.7	16.4	9.3	11.8	13.0	12.3	13.5	14.8	16.4	17.7	18.3	18.0	17.1	16.5	7.6	21.7
9	5.5	6.0	6.4	6.3	7.6	7.0	6.4	10.5	18.5	9.1	12.7	14.7	14.4	12.9	13.9	15.5	17.4	17.9	17.8	16.9	16.5	8.0	28.0
10	6.2	6.5	6.3	5.3	6.1	6.5	6.2	8.4	19.2	9.6	12.4	13.3	11.6	12.3	13.4	15.2	17.2	17.9	17.7	16.9	16.5	7.5	22.0
11	7.4	5.5	5.9	5.7	6.6	6.5	6.3	7.4	22.0	9.4	12.9	14.5	11.4	12.1	13.1	14.7	17.0	17.7	17.6	16.9	16.5	5.2	28.9
12	6.3	6.9	6.6	7.0	6.6	7.2	6.8	9.4	21.8	13.0	15.4	15.6	12.4	12.9	13.4	14.8	16.8	17.5	17.5	17.4	16.5	7.9	32.9
13	9.2	9.4	9.9	9.6	9.2	10.3	9.9	13.2	22.2	14.8	16.7	17.3	14.9	14.6	14.5	15.2	16.5	17.4	17.5	17.4	16.5	13.2	31.9
14	9.7	9.8	10.1	8.9	9.6	9.6	9.6	12.5	20.8	12.9	15.4	14.3	14.2	14.9	15.3	16.0	16.8	17.2	17.5	17.2	16.5	10.9	31.2
15	9.1	10.1	10.4	9.1	9.4	9.4	9.4	11.8	18.5	11.7	14.1	16.6	14.4	14.6	15.2	15.8	16.8	16.9	17.3	17.2	16.5	9.2	35.5
16	9.3	9.3	10.6	10.4	9.9	10.9	10.0	10.5	18.6	14.0	14.2	15.1	13.5	13.8	14.7	15.8	17.0	16.9	17.2	17.2	16.5	8.5	34.0
17	5.4	4.1	3.0	3.1	3.5	3.7	3.8	6.3	8.6	6.9	7.3	9.7	9.9	12.3	14.1	15.6	16.8	16.9	17.1	17.1	16.7	4.8	18.7
18	3.8	3.4	3.8	3.8	4.5	4.9	4.0	4.8	11.8	8.0	8.2	9.6	8.5	9.9	11.6	13.6	16.4	16.8	17.0	16.8	16.4	4.2	22.8
19	5.1	5.6	5.8	5.1	5.5	6.1	5.5	8.7	14.7	9.4	10.9	12.6	10.6	10.9	11.7	13.3	16.0	16.8	17.0	17.0	16.4	8.7	29.9
20	7.2	8.3	7.0	6.2	7.7	4.0	6.7	10.3	16.4	8.8	11.8	12.9	12.0	12.2	12.6	13.7	15.6	16.6	17.0	17.0	16.4	10.2	17.6
21	5.8	4.9	6.6	6.1	5.1	4.7	5.5	7.4	12.8	7.3	9.2	9.5	10.2	11.2	12.3	13.8	15.5	16.4	16.8	16.9	16.4	7.0	22.4
22	5.0	5.5	6.9	4.9	3.6	3.5	4.9	8.7	13.8	6.2	9.6	12.4	10.7	11.0	11.7	13.2	15.5	16.4	16.8	16.9	16.3	5.8	28.2
23	3.6	3.9	4.1	4.3	4.0	4.0	4.0	5.2	11.9	5.2	7.4	9.2	8.2	9.7	10.9	12.8	15.1	16.2	16.7	16.8	16.3	5.2	19.9
24	3.7	3.6	4.5	4.0	4.4	4.0	4.1	3.5	13.5	4.8	7.3	7.5	6.8	6.3	6.9	12.0	14.9	15.9	16.5	16.8	16.2	0.6	27.3
25	4.4	4.9	5.8	5.8	6.8	7.0	5.8	4.7	14.5	8.8	9.3	10.0	7.7	8.5	9.7	11.7	14.5	15.9	16.4	16.7	16.2	1.2	29.6
26	6.5	7.0	5.8	5.1	6.1	6.5	6.2	8.5	14.2	8.3	10.3	12.3	10.3	10.4	10.9	12.2	14.4	15.8	16.4	16.6	16.2	7.0	32.2
27	8.9	7.6	8.5	6.8	7.4	8.2	7.9	8.2	16.3	11.1	11.9	12.9	10.7	11.0	11.5	12.6	14.3	15.4	16.2	16.8	16.1	6.4	29.2
28	9.4	9.0	10.4	5.0	7.6	7.8	8.2	10.3	14.6	9.5	10.3	13.7	12.3	12.4	12.5	13.3	14.4	15.4	16.2	16.5	16.1	8.0	31.6
29	5.4	7.3	7.9	5.0	6.0	6.1	6.3	8.5	15.1	7.9	10.5	12.5	11.1	11.6	12.3	13.5	14.6	15.3	16.2	16.5	16.1	7.2	31.2
30	4.2	8.5	9.4	6.7	7.4	7.8	7.3	8.8	16.8	9.7	11.8	13.1	12.7	11.3	12.0	13.3	14.4	15.4	16.2	16.5	16.1	6.3	34.4
31	4.4	3.4	3.2	3.6	4.3	3.7	3.8	5.8	13.4	5.5	8.2	10.3	9.4	10.9	11.9	13.2	14.5	15.1	16.0	16.4	16.0	3.8	19.9
平均 Mean	6.8	7.1	7.4	6.4	6.7	6.7	6.8	9.3	17.0	9.7	12.0	13.5	12.1	12.6	13.5	14.8	16.5	17.0	17.2	17.0	16.4	7.3	28.0

記 事
REMARKS.

日 Day	REMARKS.
1	∞°a. T° ∞° < 1p. 23h. 5h.
2	T° 1. ∞° a. ∞° T° p. T° w 5h 46-13° z 6h 26-6h 30. 15h 33-15h 50-15h 52-16h 10. < ° w 18h 05-13° w 19h 42- < ° s 19h 52-20h 01. < ° s 18h 35-20h 28. 19h 4
3	∞° 0h 10-0h 53-3h 30. 13h 35-2h 48-14h 38-4h 14-4h 35-7h 10... 7h 50-10h 00-10h 57.
4	T° 1p. ∞° 15h 20-21h 20. 14h-16h.
5	∞° 2. T° 1a. ∞° 11h 30-17h 30.
6	∞° a. T° ∞° p. ∞° 7h 00-16h 00.
7	∞° ∞° a. ∞° 7h 22-7h 30-8h 30-9h 40-17h 54-17h 54-17h 59-18h 25.
8	T° 1. ∞° p. ∞° 8h 20-8h 30. 9h 57-10h 13.
9	∞° 3h 40-7h 00. 7h 40-17h 46-7h 49-7h 53-7h 55-8h 01. 13h 11-13h 13. 17h 54-18h 10.
10	T° 1a. ∞° 7h 40-21h 00.
11	∞° 1a. T° p.
12	⊕ 1p.
13	∞° a.
14	< 1w 1h 30-13° w 2h 57-13° w 3h 30-13° w 3h 18-3h 40- < 3h 40-5h 30. 9h 47-10h 57-2h 40-12h 12-12h 13-12h 15-2h 48-3h 57. 7h 23-8h 10-8h 40-9h 43.
15	∞° p. < 1x 0h 00-13° x 0h 47-1h 20. 20h 20-1h 00.
16	∞° 1a. T° p. < ° w 18h 50-20h 20. 20h 50-21h 33-22h 08-23h 40. 21h. 24h.
17	∞° 0h 20-0h 30. 1h-5h. 8h-10h.
18	∞° 1. T° 1. T° p. 10h-13.
19	T° ∞° 1a.
20	T° ∞° a. 2h.
21	T° ∞° a. T° 1. ∞° 1p. 2h. 13° s 19h 20-20h 10. < ° s 5h 05-5h 15. 1h 30-1h 40. 8h 20-8h 24-8h 28-19h 10-2h 23-9h 50. T° w w w 8h 35-9h 19.
22	∞° (few) 10h 32... 10h 49-10h 55-13h 58-14h 03.
23	T° 1a. 2h. 8h. 13h. 14h. 樹葉ノ紅葉著シクナル
24	∞° 1a. p. T° 1. ∞° p.
25	∞° 1. T° 1a.
26	∞° ∞° a. p.
27	∞° ∞° a. ∞° 1. T° 1p.
28	∞° 1a. ∞° p. 3h 10-3h 35.
29	∞° ∞° a.
30	11h
31	

奉天 FENGTIEN.

昭和七年十月

OCTOBER, 1932.

Table with columns for Day, Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Includes sub-columns for 2h, 6h, 10h, 14h, 18h, 22h, and Mean values.

Table with columns for Day, Air Temperature (C), Relative Humidity (%), Amount and Forms of Cloud,日照時數 (Hours with Sunshine), and Amount of Evaporation (mm). Includes sub-columns for 2h, 6h, 10h, 14h, 18h, 22h, and Mean values.

* 重力ノ更正 Reduction to standard gravity..... 0.2
海面ノ更正 Reduction to mean sea level..... 4.1

長 春
CHANGGHUN.

昭和七年十月

OCTOBER, 1932.

Table with columns: 日 (Day), 氣 壓 * (耗) AIR PRESSURE (mm) (700 mm +), 風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND, 降 水 量 (耗) AMOUNT OF PRECIPITATION (mm). Includes sub-columns for 2h, 6h, 10h, 14h, 18h, 22h, 平均 Mean, 2h, 6h, 10h, 14h, 18h, 22h, 二十四時平均 Mean for 24h, 22-2, 2-6, 6-10, 10-14, 14-18, 18-22, 總計 Total.

Table with columns: 日 (Day), 氣 溫 (攝氏) AIR TEMPERATURE (°C), 濕 度 (百分率) REL. HUMIDITY (%), 雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD, 日 照 時 數 NO. OF HOURS WITH SUNSHINE, 蒸 發 量 (耗) AMOUNT OF EVAPORATION. Includes sub-columns for 2h, 6h, 10h, 14h, 18h, 22h, 平均 Mean, 最高 Max., 最低 Min., 較 差 Range, 6h, 10h, 14h, 18h, 22h, 平均 Mean, 6h, 10h, 14h, 18h, 22h, 平均 Mean, 日 照 時 數, 蒸 發 量.

* 重力ノ更正 Reduction to standard gravity..... 0.1
海面へ更正 Reduction to mean sea level..... + 19.8

日 Day	氣 壓 * (耗) AIR PRESSURE. (mm) (700 mm +)				風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.								降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)				
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h		13 ^h		21 ^h		二十四時 間平均 Mean for 24h.	21-5 ^h	5-13 ^h	13-21 ^h	總計 Total		
1	49.5	50.0	51.2	50.2	WSW	4.3	NW	3.7	WNW	2.3	4.3	—	—	—	—		
2	49.4	49.1	51.0	49.8	SSW	1.7	WNW	7.5	NE	1.8	4.2	0.4	0.0	—	0.4		
3	53.5	55.8	57.7	55.7	N	4.8	N	6.1	N	1.0	4.0	—	0.0	—	0.0		
4	57.5	57.1	57.2	57.3	ENE	3.2	N	4.4	NE	0.9	2.8	—	—	—	—		
5	56.8	55.5	55.3	55.9	NNE	1.1	WNW	3.6	WNW	1.5	2.1	—	—	—	—		
6	55.0	54.9	55.3	55.1	WNW	2.7	WNW	4.7	W	1.5	2.5	—	—	—	—		
7	55.8	55.1	56.7	55.9	NSSW	2.2	NNE	3.2	NNW	3.4	2.7	—	1.2	2.2	3.4		
8	56.8	57.7	57.7	57.4	NNW	4.7	N	6.9	WNW	6.0	4.3	—	0.1	—	0.1		
9	56.4	56.2	59.3	57.3	NW	3.7	ENE	3.2	NE	1.8	3.2	—	—	1.3	1.3		
10	60.0	61.4	62.2	61.2	NE	1.3	N	2.6	NNW	2.6	2.9	—	—	—	—		
11	61.7	61.6	61.9	61.7	NE	1.6	NW	4.9	—	0.0	1.8	—	—	—	—		
12	61.3	60.6	60.2	60.7	NW	0.5	SSW	4.1	SSE	2.3	2.2	—	—	—	—		
13	59.0	58.9	59.0	59.0	SW	3.0	W	2.5	SSE	3.9	2.9	—	—	0.0	0.0		
14	59.0	58.6	57.9	58.5	NE	1.9	SE	3.2	SE	2.2	2.9	4.6	1.2	—	5.8		
15	57.0	53.8	56.8	56.9	ENE	2.3	W	1.0	N	0.7	1.7	2.3	6.2	0.8	9.3		
16	55.9	53.4	52.1	53.8	—	0.4	WSW	3.0	WNW	8.9	3.1	—	—	2.2	2.2		
17	56.0	57.5	58.3	57.3	NNW	6.4	NNW	5.4	NW	5.3	5.3	3.5	—	—	3.5		
18	58.3	56.0	56.7	57.0	NW	4.7	WNW	10.5	NW	3.2	5.8	—	—	—	—		
19	55.7	54.9	54.9	55.2	NW	3.5	WNW	7.0	W	1.9	4.0	—	—	—	—		
20	53.2	49.6	48.6	50.5	WSW	1.6	W	5.4	WNW	7.2	4.1	—	—	—	—		
21	46.1	50.0	54.4	50.2	WNW	9.5	NE	8.1	NW	6.9	6.9	—	1.2	—	1.2		
22	54.0	53.7	58.4	55.4	WSW	1.6	NE	9.6	NW	3.6	4.4	—	—	—	—		
23	59.7	61.4	63.3	61.5	N	1.5	N	3.4	—	0.1	2.3	—	—	—	—		
24	63.6	62.5	62.3	62.8	ESE	0.9	WNW	7.4	NNW	2.8	2.4	—	—	—	—		
25	62.1	61.0	61.3	61.5	—	0.1	WNW	4.4	W	2.9	1.9	—	—	—	—		
26	61.3	61.6	62.6	61.8	WNW	3.9	WNW	7.8	WSW	1.5	3.9	—	—	—	—		
27	62.1	60.8	60.2	61.0	W	2.4	W	4.3	SSW	1.0	2.0	—	—	—	—		
28	58.8	57.9	58.8	58.5	WNW	4.3	WNW	7.9	—	0.3	4.6	0.2	—	—	0.2		
29	58.3	58.2	57.2	57.9	WNW	2.0	ENE	2.1	N	2.0	2.0	—	—	—	—		
30	55.2	52.2	53.6	53.7	—	0.0	W	8.6	NW	4.1	4.1	—	—	—	—		
31	57.6	59.5	61.4	59.5	NE	6.3	NNW	3.3	E	2.5	3.3	—	—	—	—		
平均 Mean	57.0	56.8	57.5	57.1		2.8		5.2		2.8	3.4	11.0	9.9	6.5	27.4		

日 Day	氣 溫 (攝氏) AIR TEMPERATURE. (°C)						濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日 照 時 數 NO. OF HOURS WITH SUNSHINE.	蒸 發 量 (耗) AMOUNT OF EVAPORATION (mm)			
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h			平均 Mean		
1	20.8	22.3	18.2	19.8	24.0	16.2	7.8	53	51	56	53	2	sk	9	0	3.7	10.56	5.6	
2	16.8	19.7	12.8	16.4	21.3	12.8	8.5	60	43	65	59	9	sk	0	—	3.0	9.91	5.8	
3	13.2	15.0	13.4	13.9	16.4	11.1	5.3	71	63	63	66	10	sk	3	c	7.7	3.99	4.0	
4	11.8	16.3	14.0	14.0	16.9	11.0	5.9	71	41	54	55	6	sk	1	k	4.7	10.21	5.0	
5	12.6	21.4	14.9	18.3	22.5	11.3	11.2	60	50	76	62	0	—	0	—	0.0	10.32	4.1	
6	15.3	22.7	16.3	18.1	23.8	14.8	9.0	86	51	91	76	0	—	0	—	2.7	10.10	3.8	
7	16.6	17.4	12.0	15.3	18.3	10.2	8.1	85	61	58	68	10	s, sk	8	sk, sk	6.3	2.53	4.1	
8	12.1	13.9	14.6	13.5	15.4	11.2	4.2	65	47	54	55	10	sk	5	sk	5.7	8.17	5.2	
9	15.8	18.2	10.9	15.0	19.2	10.3	8.9	46	51	75	57	10	s, kc	10	sk, k	7.7	8.21	4.5	
10	11.0	16.6	12.9	13.5	16.9	10.2	6.7	71	50	57	59	9	s	1	sk	3.3	9.75	5.0	
11	13.6	19.1	13.1	15.3	20.1	12.1	8.0	49	33	65	49	2	sk	0	sk	0	0.7	9.50	4.3
12	13.0	20.2	15.5	16.2	20.9	12.2	8.7	64	35	69	56	0	sk	8	c	5.3	9.95	4.0	
13	15.4	18.8	16.8	17.0	20.1	14.5	5.6	76	62	79	72	5	sk, sk	10	sk, sk	8.3	2.88	2.7	
14	13.0	15.9	15.0	14.6	17.9	12.3	5.6	86	74	98	86	10	n, kc	9	sk, sk	8.0	4.52	2.5	
15	12.0	13.5	13.6	13.0	20.0	11.5	8.5	99	94	91	91	5	sk, s	10	—	5.0	6.30	2.4	
16	12.4	19.6	13.2	15.1	20.5	11.7	8.8	92	66	100	86	0	—	5	sk, c	10	—	9.73	5.7
17	8.7	8.8	9.8	9.1	13.2	7.6	5.9	51	43	37	44	2	sk	7	sk	5.7	8.83	6.7	
18	8.1	14.2	13.2	11.8	14.9	7.4	7.5	44	46	46	45	0	—	1	sk	3.7	8.98	6.0	
19	13.3	17.2	11.7	14.1	17.7	11.5	6.2	56	44	68	56	10	sk, sc	0	—	3.3	9.30	4.2	
20	13.0	18.2	14.3	15.2	19.5	11.5	8.0	74	48	38	53	10	cs	10	c, cs	6.7	7.15	6.3	
21	11.2	12.7	12.4	12.1	14.6	7.8	6.8	51	57	41	50	5	sk	9	kn, k	4.7	5.10	5.1	
22	13.0	15.6	10.6	13.1	18.0	10.0	8.0	61	39	40	47	10	s	0	—	3.3	9.10	6.3	
23	9.0	11.5	6.4	9.0	12.8	6.1	6.7	50	45	66	54	0	—	0	k	0.0	8.95	3.3	
24	6.1	13.1	10.3	9.8	14.4	5.6	8.8	58	38	48	47	3	kc	0	—	1.0	9.50	3.8	
25	9.5	16.9	10.9	12.4	17.8	7.7	10.1	56	38	78	57	0	—	0	—	0.0	9.55	3.7	
26	12.2	17.3	12.1	13.9	18.4	10.5	7.9	78	44	82	66	0	—	0	—	0.0	9.94	3.0	
27	10.4	18.5	13.0	14.9	19.6	10.0	9.6	77	41	78	65	0	—	1	sk	2.7	7.00	3.2	
28	12.8	17.9	12.6	14.4	18.5	12.0	6.5	93	77	77	75	0	—	0	—	0.0	9.45	3.4	
29	12.8	19.5	12.8	15.0	20.4	11.9	8.5	74	59	56	53	0	—	0	—	0.0	9.75	3.5	
30	11.4	18.1	14.5	14.7	18.1	10.1	8.0	70	63	69	68	0	—	0	—	0.0	9.60	4.6	
31	8.5	13.1	7.6	9.7	14.7	7.5	7.2	55	40	57	51	0	—	0	—	0.0	9.04	3.7	
平均 Mean	12.4	16.9	12.8	14.0	18.3	10.7	7.6	67	50	65	61.4			3.7		2.7	3.5	259.57	135.5

* 重力ノ更正 Reduction to standard gravity..... - 0.4

海面ノ更正 Reduction to mean sea level..... + 7.2

鞍山 ANSHAN.

OCTOBER, 1932.

昭和七年十月

Table with columns: 日 (Day), 氣壓 * (耗) AIR PRESSURE (mm), 風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND, 降水量 (耗) AMOUNT OF PRECIPITATION (mm). Includes sub-columns for 6h, 14h, 22h, Mean, and Total.

Table with columns: 日 (Day), 氣溫 (攝氏) AIR TEMPERATURE (°C), 濕度 (百分率) REL. HUMIDITY (%), 雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD, 日照時數 (小時) HOURS OF SUNSHINE, 蒸發量 (毫米) AMOUNT OF EVAPORATION (mm).

壓力之更正 Reduction to standard gravity..... 0.3
濕度之更正 Reduction to mean sea level..... 3.6

昭和七年十月

鄭家屯 CHENGCHIATUN.

OCTOBER, 1932.

Table with columns: 日 (Day), 氣壓 (AIR PRESSURE), 風ノ方向及速度 (DIRECTION AND VELOCITY OF WIND), 降水量 (AMOUNT OF PRECIPITATION). Includes sub-columns for 5h, 13h, 21h, and 24h averages.

Table with columns: 日 (Day), 氣溫 (AIR TEMPERATURE), 濕度 (REL. HUMIDITY), 雲量及雲形 (AMOUNT AND FORMS OF CLOUD), 日照時數 (NO. OF HOURS WITH SUNSHINE), 蒸發量 (AMOUNT OF EVAPORATION). Includes sub-columns for 5h, 13h, 21h, and 24h averages, and Max/Min/Range for temperature.

* 氣力ノ更正 Reduction to standard gravity..... 0.1
海面ノ更正 Reduction to mean sea level..... +10.8

洮南 TAONAN.

昭和七年十月

OCTOBER, 1932.

日 Day	氣 壓 * (耗) AIR PRESSURE. (mm) (700 mm +)				風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.								降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)			
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	二十四時 平均 Mean for 24h.	21-5 ^h	5-13 ^h	13-21 ^h	總計 Total				
1	43.3	41.3	42.0	42.2	—	0.3	S	1.2	—	0.1	2.0	13.4	—	—	—	13.4
2	41.2	42.1	45.9	43.1	NW	1.8	NNW	5.3	N	7.6	3.8	—	10.2	—	5.1	15.3
3	48.6	50.1	51.4	50.0	N	9.6	N	2.7	—	0.4	5.8	—	—	—	—	—
4	51.6	51.2	49.9	50.9	NNW	1.1	NNW	1.1	—	0.1	1.5	—	—	—	—	—
5	48.7	47.5	48.4	48.2	NNW	0.6	NNW	1.2	NNW	1.6	1.0	—	—	—	—	—
6	40.5	50.3	51.2	50.3	—	0.4	NE	3.9	ENE	2.4	2.1	—	—	—	—	—
7	50.6	51.2	51.0	50.9	ENE	1.8	ENE	5.1	ENE	2.0	2.5	0.3	—	—	—	0.3
8	50.0	49.1	48.6	49.2	NNW	1.2	N	4.4	NE	1.2	3.2	—	—	—	—	—
9	48.6	50.9	52.1	50.5	N	3.4	N	7.1	NNE	2.9	4.6	—	—	—	—	—
10	52.6	53.1	52.7	52.8	NNE	3.2	NNW	3.1	NW	2.1	3.1	—	—	—	—	—
11	52.8	51.3	49.8	51.3	NW	2.0	WSW	5.1	S	2.1	2.5	—	—	—	—	—
12	49.9	49.0	50.6	49.8	SW	3.0	WSW	2.8	WSW	3.6	3.6	—	—	—	—	—
13	50.8	53.0	54.3	52.7	—	0.4	NNE	6.7	N	2.4	3.5	—	—	—	—	—
14	53.9	52.9	51.8	52.9	N	2.2	SSW	5.3	SW	3.0	1.7	—	—	—	—	—
15	50.9	48.8	47.5	49.1	SW	1.4	SSW	1.8	SSW	1.6	2.7	—	—	—	—	—
16	44.1	38.6	42.0	41.6	SSW	3.7	SSW	4.2	WSW	2.9	5.6	—	—	—	—	—
17	41.7	42.3	44.6	42.9	WSW	3.7	NNW	6.7	NNW	6.1	4.6	—	—	—	—	—
18	43.4	43.9	45.1	44.1	NW	4.0	NW	4.0	NW	1.8	3.3	—	—	0.0	0.0	0.0
19	46.4	45.7	45.5	45.9	WNW	2.1	SW	3.9	SSE	4.1	1.6	—	—	—	—	—
20	44.2	42.8	42.0	43.0	V	2.3	E	1.1	NE	1.2	2.9	—	—	—	—	—
21	40.1	39.5	41.7	40.4	NNE	4.9	N	6.1	NW	3.3	4.6	—	—	0.7	0.8	1.5
22	41.3	40.8	44.7	42.3	W	3.9	NW	1.2	—	0.4	2.6	—	—	—	—	—
23	45.3	50.7	52.8	49.6	NNW	4.1	NNW	6.1	NW	3.9	4.8	0.6	—	0.6	—	0.6
24	53.4	51.5	52.7	52.5	NW	2.5	NNW	7.6	NW	1.2	3.1	—	—	—	—	—
25	51.9	50.0	49.3	50.4	WSW	2.8	WSW	5.9	SW	4.1	3.2	—	—	—	—	—
26	40.8	48.1	51.2	49.7	WSW	3.0	W	4.7	W	2.5	3.2	—	—	—	—	—
27	50.1	47.7	45.0	47.6	WSW	3.3	SSW	6.5	S	1.4	3.5	—	—	—	—	—
28	49.2	45.5	49.9	46.2	SW	3.8	NW	9.7	WNW	5.5	5.4	—	—	0.4	—	0.4
29	49.1	47.5	46.0	47.5	WNW	2.4	WNW	5.3	WSW	3.6	3.5	—	—	—	—	—
30	42.2	42.9	46.5	43.9	WSW	3.3	WNW	3.6	NW	6.4	4.2	—	—	—	—	—
31	48.6	49.4	41.3	49.8	V	4.3	WNW	6.7	WNW	2.7	4.9	—	—	—	—	—
平均 Mean	47.7	47.4	48.3	47.8	—	2.8	—	4.6	—	2.7	3.4	13.7	11.9	5.9	31.5	31.5

日 Day	氣 溫 (攝氏) AIR TEMPERATURE. (°C)							濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日 照 時 數 NO. OF HOURS OF SUNSHINE	蒸 發 量 (耗) AMOUNT OF EVAPORATION (mm)	
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	平均 Mean			
1	0.3	15.4	9.3	11.3	17.8	9.2	8.6	97	67	85	83	3	—	—	—	3.7	8.28	2.2
2	13.4	8.7	8.9	10.3	11.0	6.7	4.3	100	94	82	92	10	sk	—	10	10.0	0.00	3.3
3	5.3	10.0	10.8	8.7	11.4	5.1	6.2	65	61	30	52	10	—	—	—	6.3	9.26	2.4
4	3.7	13.7	5.7	7.7	13.8	2.7	11.1	80	42	93	72	0	—	—	—	1.7	2.14	2.1
5	3.0	14.1	8.0	8.4	15.0	2.0	13.0	94	42	83	73	0	—	—	—	0.0	9.10	2.2
6	3.5	12.9	8.8	8.4	13.2	3.4	9.8	94	57	75	75	0	—	—	—	3.3	6.13	3.4
7	6.8	9.9	7.0	7.9	10.4	6.4	4.0	92	57	95	81	10	—	—	—	6.7	0.00	2.1
8	5.3	12.1	5.1	7.5	13.0	5.0	8.0	76	92	86	85	10	—	—	—	6.0	8.00	5.3
9	6.3	9.9	6.7	7.6	10.1	5.0	5.1	69	56	75	66	4	—	—	—	4.7	3.35	3.1
10	3.1	13.4	5.5	7.3	14.0	3.1	10.9	85	35	77	66	0	—	—	—	0.0	9.17	3.0
11	1.3	17.5	7.6	8.8	18.0	0.6	17.4	92	36	74	67	0	—	—	—	0.0	10.83	3.4
12	4.9	19.8	9.3	11.3	19.9	3.2	16.7	76	39	72	59	0	—	—	—	4.7	9.02	6.9
13	6.1	12.9	6.7	8.6	13.6	3.2	10.4	77	59	75	70	3	—	—	—	1.0	9.54	2.7
14	3.0	17.4	8.5	9.6	19.2	2.2	17.0	87	45	78	70	0	—	—	—	0.0	9.65	2.4
15	4.5	18.9	9.6	11.0	19.2	3.0	16.2	93	41	73	69	0	—	—	—	0.0	9.72	3.6
16	5.2	17.5	4.8	9.2	18.4	4.8	13.6	88	45	57	63	0	—	—	—	6.7	6.75	4.5
17	3.3	4.5	0.5	2.8	5.1	0.3	4.8	63	39	80	61	10	sk	—	10	6.7	0.00	2.2
18	98.5	5.3	3.3	2.4	6.4	97.7	8.7	95	55	89	80	10	—	—	—	6.7	0.24	1.8
19	98.4	10.8	2.1	3.8	11.4	97.8	13.6	93	48	81	74	0	—	—	—	0.0	8.87	1.6
20	99.9	10.3	4.4	4.9	10.6	97.9	12.7	92	48	86	75	3	—	—	—	3.0	9.35	2.3
21	3.1	4.7	4.3	4.0	5.4	2.4	3.0	80	96	84	87	10	—	—	—	6.7	0.00	2.4
22	99.9	5.1	98.5	1.2	5.6	98.4	7.2	94	62	73	6	sk	—	—	—	5.0	3.45	1.2
23	3.3	5.5	0.4	3.1	7.2	98.5	8.7	90	72	86	83	10	—	—	—	6.3	1.89	1.4
24	97.3	8.0	99.5	1.6	8.3	95.4	12.9	94	37	73	65	0	—	—	—	0.0	9.90	2.6
25	96.0	12.9	4.1	4.3	13.6	95.8	17.8	80	83	89	87	0	—	—	—	0.0	9.96	2.7
26	0.1	18.3	5.5	8.0	18.9	90.4	19.5	88	31	89	69	0	—	—	—	0.0	10.01	3.6
27	1.1	18.5	9.3	9.6	18.6	99.9	18.7	90	82	58	77	0	—	—	—	0.7	7.84	4.7
28	7.1	13.5	5.6	8.7	14.0	5.6	8.4	95	30	80	68	10	—	—	—	3.3	8.94	5.5
29	1.8	12.7	5.1	6.5	13.8	0.4	13.4	90	72	76	79	3	—	—	—	3.0	8.16	4.0
30	2.1	8.5	3.3	4.6	10.4	0.3	10.1	92	62	57	70	9	—	—	—	6.3	2.31	3.5
31	98.3	3.9	96.9	99.7	4.8	96.7	8.1	90	23	52	53	0	—	—	—	0.0	9.40	3.5
平均 Mean	3.1	11.8	5.3	6.7	12.6	1.7	11.0	87	55	76	72.3	9	5.0	1.0	3.3	200.86	95.6	95.6

* 重力ノ更正 Reduction to standard gravity..... - 0.0
海面へノ更正 Reduction to mean sea level..... + 13.9

哈爾濱

昭和七年十月

HARBIN.

OCTOBER, 1922.

日 Day	氣 壓 * (毫) AIR PRESSURE. (mm) (706 mm +)				風ノ方向及速度 (米秒) DIRECTION AND VELOCITY (m/sec) OF WIND.								降 水 量 (毫) AMOUNT OF PRECIPITATION. (mm)			
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	平均 Mean	21-5 ^h	5-13 ^h	13-21 ^h	總計 Total				
1	46.3	44.6	44.2	45.0	ISE 1.8	SSE 2.1	SE 0.1	1.4	—	—	—	—				
2	44.2	44.3	46.2	44.9	SE 0.2	SW 2.0	NE 2.9	2.1	20.0	—	—	4.5				
3	48.1	49.6	50.2	49.3	ENE 3.7	NNE 4.1	N 1.2	2.9	—	—	—	0.2				
4	51.6	50.8	50.3	50.9	N 3.5	NNW 3.5	NW 1.8	2.3	—	—	—	—				
5	49.3	48.9	49.5	49.2	NW 1.4	NNW 1.8	SE 3.6	1.7	—	—	—	—				
6	51.2	52.8	53.3	52.4	SE 1.8	WNW 2.3	NNW 1.9	1.7	—	—	—	—				
7	54.1	52.9	52.1	53.0	NW 2.3	ENE 3.3	E 3.5	2.9	—	—	—	—				
8	50.6	49.4	49.6	49.9	NE 3.2	NE 2.9	NE 3.5	3.5	—	—	—	—				
9	50.1	50.6	51.3	50.7	NE 2.5	N 1.8	NNW 3.4	2.6	1.1	—	0.4	0.4				
10	52.7	52.9	53.2	52.9	NNW 2.9	NW 5.3	WSW 2.9	3.5	—	2.2	—	3.3				
11	53.4	53.3	53.4	53.4	SW 2.6	WNW 3.9	SSW 4.1	3.0	—	—	—	—				
12	52.2	51.1	52.7	52.0	S 3.8	SW 6.4	SW 3.0	4.5	—	—	—	—				
13	53.7	55.2	55.8	54.9	SSW 1.8	NW 1.3	E 1.6	2.2	—	—	—	—				
14	56.2	55.4	54.9	55.5	SSE 3.4	NW 2.3	SE 1.2	2.0	—	—	—	—				
15	54.3	51.8	49.5	51.9	S 2.5	NNW 1.4	S 2.3	1.7	—	—	—	—				
16	48.7	45.1	43.4	45.7	S 3.5	S 3.5	S 4.1	3.2	—	—	—	—				
17	42.9	42.9	44.8	43.5	SW 3.5	SSW 4.8	W 4.7	3.7	0.6	—	—	—				
18	44.4	43.5	44.3	44.1	SW 3.5	SW 6.4	NNW 6.3	4.6	—	5.6	2.5	8.7				
19	46.1	50.9	48.5	48.5	NNW 3.0	WNW 4.7	SW 0.9	3.8	2.2	0.6	5.8	6.4				
20	47.4	45.6	43.9	45.6	SSE 3.3	SW 2.6	SSW 3.8	2.2	—	—	—	2.2				
21	43.0	40.2	40.8	41.3	ENE 1.8	SE 0.9	ENE 1.6	1.7	0.2	—	—	—				
22	42.2	45.3	51.0	46.2	SW 5.5	SSW 4.1	WSW 0.0	3.5	1.0	—	—	3.6				
23	50.0	48.7	52.1	50.3	SW 1.8	WNW 4.3	WNW 4.7	3.2	8.4	—	—	5.9				
24	52.4	52.0	53.3	52.6	WSW 2.6	W 5.5	W 1.2	3.3	—	1.3	—	6.9				
25	54.4	53.0	51.3	52.9	SW 2.3	SSW 6.7	W 5.7	3.4	—	—	—	9.9				
26	50.6	50.3	51.5	50.8	SSW 3.7	W 4.0	SSW 2.7	4.0	—	—	—	—				
27	53.1	51.3	49.8	51.4	S 2.9	SSW 4.3	SSW 4.1	3.4	—	—	—	—				
28	46.6	44.3	48.1	46.3	S 4.4	WSW 7.0	SSW 5.0	4.8	—	0.6	—	0.6				
29	49.6	48.7	48.0	48.8	WNW 4.1	NW 3.6	WNW 2.9	3.7	—	—	—	—				
30	44.1	43.4	45.5	44.3	SW 3.0	WSW 3.5	W 2.2	3.4	—	—	—	—				
31	47.2	48.8	51.8	49.3	WNW 4.1	NW 5.8	WSW 3.5	4.0	—	—	—	—				
平均 Mean	49.4	49.0	49.5	49.3	2.9	3.7	2.9	3.0	33.5	10.3	23.1	66.9				

日 Day	氣 溫 (攝氏) AIR TEMPERATURE. (°C)							濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日 照 時 數 NO. OF HOURS OF SUNSHINE.	蒸 發 量 (公) 厘 AMOUNT OF EVAPORATION.	
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較 差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	平均 Mean			
1	7.6	16.6	13.0	12.4	17.0	6.8	10.2	91	65	97	84	9	kc, k	10	0	9.7	2.10	3.0
2	9.4	17.8	9.3	12.2	18.2	9.3	8.9	92	78	92	78	6	sc, kc	10	0	4.0	6.35	2.7
3	6.0	10.8	7.2	8.0	11.8	5.8	6.0	84	66	67	72	5	kc, sc	10	0	5.0	2.15	1.7
4	5.0	13.0	6.9	8.3	13.8	4.8	9.0	83	44	57	61	1	sc	0	0	0.3	10.60	2.4
5	3.4	12.2	9.5	8.4	14.0	3.4	10.6	82	35	58	58	0	—	0	0	0.0	10.25	2.2
6	3.7	12.4	6.9	7.7	12.9	3.5	9.4	96	59	86	80	9	sc, kc	0	0	3.0	7.95	2.1
7	2.8	12.8	7.4	7.7	13.6	2.2	11.4	92	48	59	66	2	c	5	6	4.3	8.70	2.7
8	5.3	8.4	5.3	6.3	9.2	5.2	4.0	91	71	89	84	10	sc, n	10	6	10.0	0.00	1.0
9	5.8	9.0	8.3	7.6	10.8	5.2	5.6	97	77	70	81	10	sc, n	10	4	8.0	0.90	0.4
10	2.9	11.0	4.1	6.0	12.4	2.7	9.7	79	44	89	71	0	—	0	0	0.0	7.55	2.3
11	3.6	15.9	9.1	9.5	16.4	2.5	13.9	82	48	65	65	0	—	1	0	0.3	10.40	3.2
12	4.9	18.8	12.1	11.9	19.6	4.9	14.7	82	34	65	60	0	—	1	0	0.7	10.32	3.6
13	7.2	15.9	8.4	10.5	17.7	4.9	12.8	75	59	91	75	4	sc, kc	1	0	1.7	9.60	4.0
14	5.7	18.6	9.0	11.0	19.2	5.4	13.6	88	41	82	70	0	—	1	0	0.3	9.70	3.3
15	5.2	18.0	9.6	10.9	19.7	5.0	14.7	86	46	78	68	6	sc, u	1	0	2.3	9.60	3.3
16	6.2	19.6	11.6	12.5	19.8	5.0	14.8	84	39	70	64	0	—	2	5	2.3	8.82	3.3
17	5.6	7.8	2.2	5.2	8.0	0.9	7.1	93	62	72	76	10	sc, kc	6	9	8.3	1.30	0.9
18	98.7	0.4	4.0	1.0	4.0	98.7	5.3	84	86	82	84	8	sc, kc	10	3	9.3	0.00	1.7
19	2.0	5.8	2.6	3.5	6.9	0.3	6.6	90	74	96	87	0	—	10	3	4.3	2.50	0.9
20	0.7	12.4	7.4	6.8	13.3	0.5	12.8	98	43	78	73	3	c	10	10	4.3	6.68	1.5
21	4.4	10.6	6.3	7.1	11.3	3.7	7.6	96	62	97	85	8	sc	10	10	8.7	0.70	0.6
22	4.2	8.8	3.9	5.6	9.0	3.3	5.7	93	44	94	77	10	sc	10	10	6.7	5.35	1.0
23	3.2	3.2	3.2	3.2	3.8	99.4	4.4	98	85	85	89	10	sc	10	10	10.0	0.00	0.7
24	99.0	5.3	3.2	2.5	6.2	98.5	7.7	87	52	74	71	2	c	3	0	1.7	7.58	1.1
25	99.0	10.0	4.4	4.5	10.9	98.6	12.3	93	41	63	66	0	—	0	0	0.0	9.40	2.1
26	1.7	13.6	8.9	8.1	14.7	1.8	12.9	78	50	60	63	4	c	1	0	1.7	9.25	2.2
27	2.3	17.6	9.8	9.9	19.1	1.8	17.3	86	37	53	59	0	—	0	3	1.0	9.20	3.4
28	8.4	7.6	5.1	7.0	11.3	5.0	6.3	77	91	58	75	10	sc	10	6	8.7	1.54	0.9
29	2.3	10.2	5.2	5.9	11.7	1.3	10.4	79	48	56	61	1	sc	1	0	0.7	8.00	2.4
30	2.0	7.2	3.4	4.2	9.2	1.2	8.0	74	67	75	72	2	c	10	10	7.3	3.08	2.4
31	98.6	1.3	98.2	99.7	3.1	97.6	5.5	83	44	75	67	0	—	9	0	3.0	5.25	2.6
平均 Mean	3.8	11.4	6.6	7.3	12.6	2.9	9.7	87	59	75	72	4.1	—	4.5	3.8	4.1	194.51	65.6

* 重力ノ更正 Reduction to standard gravity.....+ 0.1
海面へノ更正 Reduction to mean sea level.....+ 13.4

齊 哈 爾
TSITSIHAR.

昭和七年十月

OCTOBER, 1932.

日 Day	氣 壓 * (耗) AIR PRESSURE. (mm) (700 mm +)				風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.								降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)				
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	二十四時 二十四時 平均 Mean for 24h.	21-5 ^h	5-13 ^h	13-21 ^h	總計 Total					
1	43.5	43.2	43.2	43.3	NNE	0.5	NNE	2.0	S	0.8	1.9	—	—	—			
2	43.7	45.5	48.4	45.9	NNE	7.0	N	9.0	N	6.4	6.6	—	—	—			
3	50.7	50.8	52.4	51.3	N	4.8	N	3.0	N	4.6	4.9	0.3	1.9	2.4			
4	52.4	51.3	50.0	51.2	N	2.2	N	3.4	NNW	1.9	2.0	—	—	—			
5	50.0	48.0	49.0	49.0	NNW	3.0	NNW	2.7	NNW	1.7	2.0	—	—	—			
6	51.3	51.4	52.7	51.8	NNW	1.8	NNE	3.7	N	1.8	1.7	—	—	—			
7	53.5	52.5	51.6	52.5	NNE	0.6	NNW	1.7	NNW	2.0	1.6	—	—	—			
8	51.0	49.5	49.7	50.1	—	0.1	N	1.2	N	0.0	0.5	—	—	—			
9	51.3	51.5	52.2	51.7	N	1.7	N	5.4	NNE	2.3	2.4	—	—	—			
10	53.5	52.2	51.5	52.4	NW	2.5	NW	2.9	W	1.6	3.1	—	—	—			
11	50.8	51.0	49.3	50.4	—	0.0	SW	3.9	SSW	2.6	2.3	—	—	—			
12	47.4	47.3	49.8	48.2	SSW	2.5	SSW	2.8	SSW	0.8	2.0	—	—	—			
13	54.8	55.0	55.0	54.9	NE	5.4	NE	5.1	NNE	1.2	3.5	—	—	—			
14	54.4	52.6	51.4	52.8	NW	1.2	S	1.1	S	2.9	1.4	—	—	—			
15	50.1	47.8	48.3	48.1	S	1.6	SSW	3.3	S	3.3	2.8	—	—	—			
16	43.0	40.1	40.2	41.1	S	4.7	S	5.8	WNW	3.2	2.8	—	—	0.6			
17	40.5	41.2	43.1	41.6	NW	1.9	NW	2.6	—	0.0	1.5	0.3	0.0	0.1			
18	42.5	41.7	44.2	42.8	WNW	3.0	NW	4.2	NW	1.9	2.5	0.1	1.3	1.4			
19	46.6	45.8	46.9	46.4	NW	2.2	WNW	3.8	SSW	1.0	1.1	—	—	—			
20	44.5	43.6	43.8	44.0	NW	0.6	NNW	1.8	ESE	1.2	1.1	—	—	—			
21	42.4	41.5	40.6	41.5	NNE	3.3	NNE	4.1	N	5.1	3.7	—	2.2	7.5			
22	39.1	41.8	46.0	42.3	NNE	1.5	SSE	3.7	NNE	1.2	1.4	6.8	3.2	0.0			
23	47.0	49.3	51.3	49.2	NNW	7.9	NW	7.0	W	3.1	7.4	1.7	1.0	2.7			
24	50.7	51.1	52.0	51.3	W	2.6	NW	5.5	W	1.9	3.6	—	—	—			
25	51.0	48.7	47.8	49.2	SW	2.4	SSW	4.6	WSW	3.1	3.0	—	—	—			
26	47.9	47.6	47.9	47.8	WSW	5.2	W	4.8	WNW	2.6	3.8	—	—	—			
27	49.4	47.2	45.0	47.2	SW	1.3	SSW	1.6	S	2.9	2.2	—	—	—			
28	43.1	42.7	46.4	44.1	SSW	1.1	WNW	12.7	WNW	8.1	5.9	—	—	—			
29	47.6	46.1	44.2	46.0	W	2.6	WNW	4.0	SSW	2.5	3.4	—	—	—			
30	41.8	41.6	44.8	42.7	W	6.3	WNW	10.4	WNW	6.8	6.4	—	—	—			
31	46.0	47.6	50.4	48.0	WNW	8.2	WNW	8.2	WNW	6.5	6.9	—	—	—			
平均 Mean	47.8	47.3	48.0	47.7	—	2.9	—	4.4	—	2.7	3.1	9.2	9.5	10.7	29.4		

日 Day	氣 溫 (攝氏) AIR TEMPERATURE. (°C)						濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日 照 時 數 NO. OF HOURS WITH SUNSHINE.	蒸 發 量 (耗) AMOUNT OF EVAPORATION.				
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h			平均 Mean			
1	12.2	16.2	12.1	13.5	17.2	9.1	8.1	87	62	78	78	10	ek	10	kn	10	kn	10.0	3.50	1.4
2	9.0	9.3	8.4	8.9	12.9	9.0	3.9	75	85	64	75	8	kc	10	n	10	n	9.3	0.00	2.9
3	4.4	12.9	5.5	7.6	13.6	3.5	10.3	63	30	65	53	10	kn	5	n	10	n	5.0	7.70	2.6
4	2.9	11.9	4.5	6.4	12.9	2.6	10.3	81	34	87	67	0	—	0	—	0	—	0.0	9.90	2.3
5	2.8	13.2	5.0	7.0	14.2	2.3	11.9	90	32	95	72	0	—	0	—	0	—	0.0	9.20	2.4
6	2.5	11.4	8.4	7.4	12.7	2.4	10.3	74	37	68	63	0	—	6	—	10	—	5.3	10.00	2.7
7	3.6	11.5	5.5	6.9	13.5	3.0	10.5	94	33	75	67	0	—	9	—	5	—	4.7	4.50	2.5
8	2.0	12.5	6.5	7.0	13.5	2.0	11.5	92	41	76	70	2	—	7	—	10	—	6.3	9.30	2.3
9	2.1	12.9	6.1	7.0	13.5	2.1	11.4	86	34	71	64	9	—	1	—	4	—	4.7	5.80	3.3
10	1.4	13.0	6.1	6.8	15.7	1.0	14.7	82	32	77	64	0	—	0	—	0	—	0.0	6.00	3.1
11	5.0	19.0	9.9	11.3	19.5	3.2	16.3	73	25	69	56	0	—	0	—	0	—	0.0	9.80	3.0
12	4.9	18.4	9.4	10.9	20.2	4.8	15.4	81	36	77	65	0	—	8	—	2	—	3.3	9.60	2.7
13	4.6	10.6	3.8	6.3	12.2	4.1	8.1	66	27	80	61	10	—	10	—	0	—	6.7	9.90	2.8
14	0.4	15.4	8.5	8.1	17.8	0.4	17.4	92	39	84	72	3	—	0	—	0	—	1.0	9.20	3.2
15	5.8	17.6	9.5	11.0	18.4	5.1	13.3	87	31	81	66	0	—	0	—	2	—	0.7	8.70	3.4
16	7.2	14.1	5.0	8.8	16.4	5.2	11.2	86	62	86	81	2	—	10	—	10	—	7.3	7.80	2.7
17	2.5	2.0	09.6	1.4	5.6	09.3	6.3	95	72	10	73	10	—	10	—	10	—	10.0	0.00	0.9
18	0.6	3.5	3.0	2.4	7.4	09.5	7.9	96	91	74	87	10	—	10	—	10	—	6.7	0.00	1.9
19	1.2	7.0	4.1	4.1	8.2	0.4	7.8	80	56	87	74	10	—	10	—	10	—	10.0	8.70	1.9
20	0.5	7.8	1.5	3.3	9.6	0.5	9.1	94	30	90	71	9	—	7	—	1	—	5.7	9.90	0.8
21	99.0	3.3	4.4	2.2	5.2	99.0	6.2	95	96	96	96	10	—	10	—	10	—	10.0	0.00	0.6
22	4.4	4.0	3.0	3.8	5.8	3.2	2.6	96	86	94	92	10	—	10	—	10	—	10.0	0.06	0.8
23	2.1	4.4	0.0	2.2	5.8	0.0	5.8	96	66	72	78	10	—	10	—	0	—	6.7	2.24	1.8
24	99.6	5.4	09.5	1.5	6.3	98.3	8.0	73	40	83	65	0	—	0	—	0	—	0.0	9.50	1.5
25	98.4	10.0	3.2	3.9	10.8	98.4	12.4	83	46	82	70	0	—	1	—	0	—	0.3	9.60	2.3
26	2.6	15.5	4.5	7.5	17.1	1.9	15.2	74	31	81	62	8	—	1	—	0	—	3.0	9.30	2.1
27	1.1	15.9	7.1	8.0	17.1	0.8	16.3	88	38	81	69	0	—	9	—	3	—	4.0	9.30	2.7
28	5.9	10.9	3.5	6.8	11.7	3.5	8.2	67	34	71	57	9	—	4	—	0	—	4.3	7.10	3.6
29	1.4	11.0	4.9	5.8	11.8	1.3	10.5	82	35	75	64	2	—	1	—	10	—	4.3	9.10	2.5
30	4.2	8.0	99.6	3.9	8.5	99.6	8.9	72	34	59	55	6	—	8	—	0	—	4.7	5.40	2.9
31	97.9	1.6	97.0	98.8	2.4	97.2	5.2	60	35	48	48	1	—	0	—	0	—	0.3	2.95	1.9
平均 Mean	3.0	10.7	4.8	6.1	12.2	2.0	10.2	82	46	78	69	4.8	—	5.4	—	3.8	—	4.7	203.99	71.3

* 重力ノ更正 Reduction to standard gravity.....+ 0.1
 海面ノ更正 Reduction to mean sea level.....+ 19.6

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昭和七年十一月

滿 洲 氣 象 表

REPORT

OF THE

METEOROLOGICAL OBSERVATIONS

MADE AT THE

METEOROLOGICAL STATIONS

IN

MANCHURIA.

NOVEMBER, 1932.

PUBLISHED BY THE METEOROLOGICAL OBSERVATORY, DAIREN.

凡 例

本編ハ昭和七年十一月中滿洲各觀測所ニ於ケル氣象觀測ノ成績ヲ示スモノニシテ其ノ觀測ノ時刻方法等ハ日本各測候所ト全ク同一ノ式ニ據ル今其要點ヲ擧グレバ

觀測時ハ日本西部標準時即チ東經百二十度ノ地ノ平時ニ據リ夜半ヲ日界トスル二十四時間制ヲ用フ但シ日照時數ハ眞太陽時ニ據ル

氣壓ハ耗ヲ以テ示シ晴雨計示度ニ施スニ單ニ溫度ノ更正ノミヲ以テシ海面上高サノ更正及重力ノ更正ハ施サズ

溫度ハ攝氏ノ度ニ據ル但シ氷點以下ノ度ハ負數ヲ用ヒズ百ヨリ其度ヲ減ジ其餘數ヲ以テ之ヲ示ス即チ氷點以下一度ハ九十九度氷點以下五度ハ九十五度ト記スルガ如シ

或ル觀測時ニ於ケル風速ハ其觀測時前二十分間ノ平均風速ヲ以テ之ヲ示ス

平均雲量ニ未滿ナル日ヲ快晴トシ八以上ナル日ヲ曇天トス

風ノ速度一秒時間十米以上ヲ觀測シタル日ヲ暴風日トス

INTRODUCTION.

The present publication contains the results of the meteorological observations made at the meteorological stations in Manchuria for the month of November, 1932.

The instruments and the method of observation are the same as those at the meteorological stations in Japan. The followings are to be particularly noticed.

Hours of Observations.—The Western Standard Time of Japan (civil mean time of the meridian 120° E.) is adopted. For the measure of sunshine duration the apparent solar time is used.

Pressure.—The barometric readings in millimetres are reduced only to freezing point.

Temperature.—The degrees are given in Centigrade; those below zero are shown by adding 100, to avoid the minus sign; thus 99° for -1°, 95° for -5°, etc.

Velocity of the Wind.—As the velocity at any time is given the mean for the preceeding 20 minutes.

Clear and Cloudy Days.—The mean amount of cloud for a clear day is less than 2 exclusive, and for a cloudy day is more than 8 inclusive.

Days with Gales.—As such are counted the days on which the maximum velocity reaches or exceeds 10 metres per second.

現象記號

ILLUSTRATION OF SYMBOLS

(1) 萬國共通記號 *International symbols*

雨 ● Rain	霜 □ Hoar frost	日暈 ⊕ Solar halo
雪 * Snow	露 ≡ Dew	日光環 ⊙ Solar corona
電雷 ⚡ Thunder storm	霧氷 ∨ Silver thaw	月暈 ⊕ Lunar halo
雷聲 T Thunder without lightning	雨氷 ~ Glazed frost	月光環 ⊙ Lunar corona
電光 < Lightning without thunder	吹雪 + Snow drift	虹 ∩ Rainbow
霰 △ Graupel	細氷 ← Ice crystals	極光 ∟ Aurora
雹 ▲ Hail	積雪 ☒ Snow lying	煙霧 ∞ Haze
霧 ≡ Mist, fog	暴風 ⚡ Gale	黃道光 ♃ Zodiacal light

(2) 其他ノ記號 *Other symbols*

凍雨 ⊖ Frozen rain	凍露 ∟ Frozen dew	結氷 ≡ Ice
霜柱 ⊥ Ice columns in ground	波狀雲 ∞ Undulated cloud	黃砂 ∞ Yellow dust
朝焼け T Red sky	海鳴 𠄎 Oceanic noise	地震 ⊕ Earthquake
卷雲 C Cirrus	卷層雲 CS Cirro-stratus	卷積雲 CK Cirro-cumulus
層雲 S Stratus	高層雲 SC Alto-stratus	層積雲 SK Strato-cumulus
積雲 K Cumulus	高積雲 KC Alto-cumulus	積亂雲 KN Cumulo-nimbus
亂雲 N Nimbus		

(3) 現象ノ強サ *The intensity of the phenomena*

現象ノ強弱ヲ示ス爲ニ記號ノ右肩ニ012ノ數字ヲ記ス例ヘバ

The intensity of a phenomenon is shown by an index added to its symbol, thus:—

微雨 ●⁰ slight rain 中雨 ●¹ moderate rain 強雨 ●² heavy rain

地震震度階級 *Intensity of earthquakes*

微震 ⊕⁽¹⁾ slight 弱震(弱キ方) ⊕⁽²⁾ moderate 弱震 ⊕⁽³⁾ rather strong
 強震(強キ方) ⊕⁽⁴⁾ strong 強震 ⊕⁽⁵⁾ very strong 烈震 ⊕⁽⁶⁾ di-astrous

大 連
DAIREN.

昭和七年十一月

NOVEMBER, 1932.

Table with columns: 日 (Day), 氣 壓 * (耗) AIR PRESSURE (mm), 風ノ方向及速度 (米秒) DIRECTION AND VELOCITY (m/sec) OF WIND, 降 水 量 (耗) AMOUNT OF PRECIPITATION (mm). Includes sub-columns for 2h, 6h, 10h, 14h, 18h, 22h, and Total.

Table with columns: 日 (Day), 氣 溫 (攝氏) AIR TEMPERATURE (°C), 濕 度 (百分率) REL. HUMIDITY (%), 雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD, 日 照 時 數 OF HOURS WITH SUNSHINE, 蒸 發 量 (耗) AMOUNT OF EVAPORATION. Includes sub-columns for 2h, 6h, 10h, 14h, 18h, 22h, and Mean.

* 重力ノ更正 Reduction to standard gravity..... - 0.4
海面へノ更正 Reduction to mean sea level..... + 9.1

大 連
DAIREN.

昭和七年十一月

NOVEMBER, 1932.

日 Day	水蒸氣ノ張力(耗) TENSION OF VAPOUR-(mm)							地面溫度(攝氏) EARTH TEMP. ON THE SURFACE.(°C)				地 中 溫 度 (攝氏) EARTH TEMPERATURE. (°C)										最低地温 MIN. TEM.P. ON GLASS (°C) (候氏)	最高地温 MAX. TEM.P. (BLACK BULB.) (°C)
	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	平均 Mean	6 ^h	14 ^h	22 ^h	平均 Mean	0.05m	0.1m	0.2m	0.3m	0.5m	1.0m	2.0m	3.0m	4.0m	5.0m		
1	4.1	4.9	6.2	5.3	6.2	6.6	5.5	5.4	15.1	10.1	10.3	10.4	8.6	9.4	10.5	12.2	14.5	15.1	16.2	16.3	16.0	2.8	25.9
2	6.7	7.6	7.4	7.2	7.6	10.0	7.8	10.3	16.4	11.5	12.7	14.7	11.3	11.4	11.5	12.3	14.3	15.2	16.2	16.4	16.0	11.6	25.2
3	9.6	9.9	8.9	7.3	9.1	9.2	9.6	10.7	16.5	12.5	13.2	13.6	12.4	12.5	12.5	13.3	14.3	14.9	15.7	16.3	15.8	11.0	24.8
4	8.6	6.5	4.0	3.2	3.2	2.2	4.6	11.6	15.0	8.3	11.4	13.8	12.7	12.9	13.2	13.7	14.4	14.9	15.6	16.1	15.8	7.0	25.6
5	1.9	2.8	3.1	2.7	3.4	3.0	2.8	6.7	7.8	1.5	5.3	9.2	9.3	10.6	11.5	13.0	14.5	14.0	15.5	16.0	15.8	98.5	11.2
6	3.3	2.7	3.0	2.8	2.3	2.4	2.8	0.3	0.1	1.4	0.5	4.3	4.7	7.0	8.8	11.0	14.0	14.7	15.5	15.9	15.7	95.2	4.3
7	2.1	3.7	2.2	2.2	2.6	3.4	2.7	0.5	1.7	1.2	1.3	2.7	3.4	5.3	7.1	9.3	13.4	14.7	15.5	15.9	15.7	96.1	4.9
8	3.9	4.2	5.1	5.1	4.9	5.2	4.7	2.5	8.8	5.9	5.4	5.6	4.3	5.1	6.4	8.5	12.6	14.5	15.9	15.8	15.7	98.5	24.2
9	5.3	5.7	3.3	2.5	3.2	2.8	3.8	4.3	6.7	1.9	4.3	6.3	6.0	6.9	7.9	9.2	12.1	14.4	15.4	15.9	15.6	1.4	18.9
10	3.1	3.6	4.4	5.2	6.9	7.4	5.1	1.7	10.1	6.0	6.2	5.9	4.5	5.7	7.2	9.6	12.0	14.2	15.3	15.7	15.6	93.1	23.9
11	8.5	7.5	3.8	3.9	3.3	3.3	5.1	6.6	8.9	2.8	6.1	8.9	8.3	8.5	8.8	9.7	12.0	14.0	15.2	15.6	15.5	1.4	17.6
12	2.6	2.5	3.9	5.6	5.6	5.1	4.2	0.6	9.4	5.2	5.1	4.7	4.0	5.8	7.5	9.4	11.9	13.9	15.1	15.7	15.5	96.8	20.7
13	5.7	5.4	5.6	5.2	5.3	5.3	5.4	5.8	10.4	5.4	7.2	8.4	6.9	7.4	8.2	9.4	11.8	13.9	15.1	15.5	15.5	5.2	21.5
14	5.6	5.3	3.4	2.5	2.3	1.9	3.5	4.3	5.4	1.2	3.6	5.8	5.7	7.0	8.2	9.5	12.2	13.5	15.0	15.5	15.5	0.4	9.8
15	1.8	2.6	2.1	2.2	2.6	2.5	2.2	98.8	2.2	99.2	0.1	1.7	2.5	4.7	6.4	8.3	11.5	13.4	14.9	15.5	15.5	96.6	6.8
16	2.4	2.5	2.1	3.4	3.5	3.3	2.9	98.3	5.8	1.6	1.9	0.5	1.5	3.5	5.2	7.2	11.2	13.6	14.7	15.4	15.3	95.4	12.0
17	3.6	3.4	4.4	3.4	4.5	4.1	3.9	1.4	8.5	3.5	4.5	0.3	3.8	4.4	5.5	7.3	10.7	13.3	14.7	15.4	15.5	1.2	21.0
18	3.8	2.7	2.5	2.3	2.9	3.2	2.9	1.2	5.6	0.9	2.6	4.0	3.7	5.0	6.2	7.5	10.8	13.0	14.5	15.3	15.2	93.1	15.4
19	5.1	4.9	5.3	6.1	5.8	6.2	5.3	1.0	10.2	4.6	6.3	6.8	5.2	5.4	6.1	7.5	10.4	12.9	14.5	15.2	15.2	1.4	20.0
20	4.2	2.9	2.2	2.1	2.7	2.6	2.8	1.8	6.4	0.7	3.0	4.8	4.5	5.7	6.7	8.0	10.8	12.6	14.3	15.0	15.0	97.5	15.7
21	3.1	4.6	5.3	5.8	6.2	6.3	5.2	3.2	8.4	6.9	6.2	6.4	4.8	5.3	6.2	7.6	10.3	12.6	14.2	15.1	15.2	93.8	19.0
22	6.1	7.2	6.1	6.2	7.5	7.8	6.9	7.1	11.8	7.9	8.9	9.1	7.7	7.8	7.7	8.4	10.2	12.4	14.0	14.9	15.0	7.4	21.3
23	8.5	8.6	8.2	9.0	9.1	9.3	8.7	7.5	11.7	10.2	9.8	9.7	8.7	8.7	8.7	9.3	10.6	12.4	14.0	14.9	15.0	8.0	16.0
24	9.7	9.5	10.0	9.0	8.9	4.3	8.6	10.6	12.1	7.0	9.9	11.7	10.9	10.3	9.8	10.0	10.8	12.2	13.9	14.7	15.0	7.5	16.4
25	2.1	1.4	1.1	1.6	1.4	1.4	1.5	0.7	0.8	98.0	99.8	3.9	4.8	7.2	8.7	10.0	11.2	11.9	13.8	14.7	15.3	97.0	13.1
26	1.4	1.3	1.4	1.7	2.2	2.4	1.7	97.3	2.5	98.0	99.3	0.3	1.4	3.8	5.8	7.8	10.9	12.3	13.7	14.7	15.3	97.0	13.1
27	2.6	2.3	3.8	4.4	2.2	1.7	2.8	99.8	6.3	2.3	2.8	2.8	1.6	3.2	4.7	6.7	10.5	12.2	13.6	14.7	15.3	97.0	13.1
28	1.5	1.6	1.5	1.6	1.7	2.1	1.7	99.8	2.9	0.9	0.9	2.4	2.6	3.9	5.1	6.6	9.8	12.0	13.5	14.7	15.3	97.0	13.1
29	2.3	2.6	3.7	2.4	2.2	2.1	2.6	1.1	5.8	0.9	2.3	3.8	2.8	3.8	4.6	6.2	9.5	11.9	13.5	14.7	15.3	97.0	13.1
30	2.3	3.7	2.9	1.2	3.2	4.8	3.5	98.9	7.5	5.0	3.8	2.6	1.7	3.3	4.6	6.1	9.5	11.8	13.4	14.7	15.3	97.0	13.1
平均 Mean	4.4	4.4	4.2	4.2	4.4	4.4	4.3	3.4	8.0	4.6	5.2	6.3	5.7	6.7	7.7	9.1	11.8	13.4	14.7	15.5	15.5	97.0	13.1

日 Day	記 事 REMARKS.
1	☁21h, 23h-
2	-☁2h, 4h-(6h, 8h-12h, 14h, 21h,
3	△°a, ∞°a.p. ☁19h, 21h,
4	∞°a, ∞°7h00-19h20, ☁12h, 13h, 16h,
5	∞°a, ☁18h-21h,
6	☁2a.p. ☁1.7cm18h, *°h2-7h45, 9h10-10h52-°9h58-10h56, 11h25, 13h15-13h40-°11h25-°11h40-°11h35-°11h38-°11h30-°11h20...°°°15h40
7	☁2a.p. ☁4h, ∞°p. ☁4.5cm18h, *°9h10-10h30-°17h00-°7h30-9h20-9h30, 16h55-13h10,
8	∞°, ☁1a,
9	∞°, ☁a, 初霜
10	∞°a, ☁a, ∞°p,
11	☁1h, 12h-15h,
12	∞°, ☁a,
13	☁12h19m45°,
14	∞°a, ☁12h-
15	☁1a, ☁p, -☁-0h, 9h-11h, 15h, 16h,
16	☁1, ☁1, ∞°1, ☁1a,
17	∞°a, p,
18	∞°a, ∞°1p,
19	∞°, ∞°1, △°p, ☁11h, ∞°11h20-∞°1h13h40-17h20,
20	☁°, ∞°1p,
21	∞°a, p, ☁12h, 13h,
22	∞°a, ∞°1, △°p,
23	☁1a,
24	☁2h- ☁9h40-☁1(15m)9h5-☁11h45-13h40, 16h50-19h30, ☁9h50-10h38,
25	☁1a.p.-☁15h,
26	☁1a, ∞°p, ☁12h27m49°,
27	☁1a, ∞°p, *°9h29-4h34, ☁13h25-13h42,
28	☁a, ☁1, ∞°p,
29	☁°, ∞°a, ∞°1p,
30	☁°, ☁1a.p,

營口 YINGKOW.

NOVEMBER, 1932.

昭和七年十一月

Table with columns for Day, Air Pressure (mm), Wind Direction and Velocity (sec), and Amount of Precipitation (mm). It contains daily weather data for November 1932.

Summary table for precipitation, showing daily totals and a monthly total of 6.9 mm.

Table with columns for Day, Air Temperature (°C), Rel. Humidity (%), Amount and Forms of Cloud,日照時數 (Sunshine hours), and 蒸發量 (Evaporation). It contains daily weather data for November 1932.

* 重力ノ更正 Reduction to standard gravity..... - 0.3
海面ノ更正 Reduction to mean sea level..... + 0.4

昭和七年十一月

奉天 FENGTIEN.

NOVEMBER, 1922.

Table with columns for Day, Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Includes a 24-hour mean row at the bottom.

Table with columns for Day, Air Temperature (°C), Rel. Humidity (%), Amount and Forms of Cloud,日照時數 (Sunshine hours), and 蒸發量 (Evaporation). Includes a 24-hour mean row at the bottom.

* 重力ノ更正 Reduction to standard gravity..... - 0.2
海面ノ更正 Reduction to mean sea level..... + 4.2

新 京
HSINKING.

昭和七年十一月

NOVEMBER, 1932.

Table with columns for Date (日), Air Pressure (気 壓 * (耗) AIR PRESSURE (mm) (700 mm +)), Wind Direction and Velocity (風 の 方 向 及 速 度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND), and Amount of Precipitation (降 水 量 (耗) AMOUNT OF PRECIPITATION (mm)). Includes sub-columns for hourly wind data and 24-hour mean precipitation.

Table with columns for Date (日), Air Temperature (氣 溫 (攝氏) AIR TEMPERATURE (°C)), Relative Humidity (濕 度 (百分率) REL. HUMIDITY (%)), Cloud Amount and Forms (雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD), and Evaporation (蒸 發 量 (耗) AMOUNT OF EVAPORATION). Includes sub-columns for hourly temperature, humidity, cloud forms, and evaporation.

* 重力ノ更正 Reduction to standard gravity..... 0.1
海面へ更正 Reduction to mean sea level..... + 20.5

昭和七年十一月

旅 順 RYOJUN.

NOVEMBER, 1932.

Table with columns: 日 (Day), 氣 壓 * (耗) AIR PRESSURE (700 mm +), 風ノ方向及速度 (米秒) DIRECTION AND VELOCITY (m/sec) OF WIND, 降 水 量 (耗) AMOUNT OF PRECIPITATION (mm). Rows 1-30 and a summary row.

Table with columns: 日 (Day), 氣 溫 (攝氏) AIR TEMPERATURE (°C), 濕 度 (百分率) REL. HUMIDITY (%), 雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD, 日 照 時 數 NO. OF HOURS WITH SUNSHINE, 蒸 發 量 (耗) AMOUNT OF EVAPORATION. Rows 1-30 and a summary row.

* 重力ノ更正 Reduction to standard gravity.....- 0.4
海面へノ更正 Reduction to mean sea level.....+ 7.4

昭和七年十一月

鞍山 ANSHAN.

NOVEMBER, 1932.

日 Day	氣 壓 * (耗) AIR PRESSURE. (mm) (700 mm +)				風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.						降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)				
	6 ^h	14 ^h	22 ^h	平均 Mean	6 ^h	14 ^h	22 ^h	二十四時 平均 Mean (for 24h)	2-6 ^h	10-14 ^h	18-22 ^h	總計 Total			
1	64.8	60.1	58.7	61.2	SW 1.4	SW 11.7	SW 8.2	6.3							
2	57.8	56.5	56.5	56.9	SW 5.3	WSW 7.6	SW 5.8	5.7							
3	56.6	53.9	52.4	44.3	SSW 5.9	SSE 6.4	S 6.3	5.1							
4	52.7	55.5	63.2	57.1	NNE 3.6	WNW 6.4	NE 4.7	3.1							
5	64.6	60.9	61.5	62.3	E 3.6	E 5.3	NNE 3.8	4.4		1.3	4.1	5.4			
6	63.6	65.5	65.4	64.8	ENE 2.7	NW 1.5	W 1.8	2.7							
7	64.7	64.4	60.6	63.2	— 0.1	N 4.7	SSW 5.8	3.0		0.0		0.0			
8	58.2	56.3	58.0	57.5	WSW 4.1	WSW 7.6	SW 1.2	3.8							
9	60.6	63.4	62.6	62.2	NE 0.8	NNE 1.8	— 0.0	1.3							
10	61.8	61.2	60.4	61.1	— 0.0	WSW 7.6	SW 2.4	2.8							
11	58.1	64.4	65.5	62.7	SW 4.1	NNW 2.3	N 2.0	3.2	0.1			0.6			
12	66.8	63.7	62.9	64.5	SSW 1.2	SW 5.0	SSW 4.0	3.1							
13	60.2	61.4	62.5	61.4	SW 6.8	SW 9.9	SSW 0.9	5.7							
14	66.6	68.1	68.8	67.8	N 7.0	NE 6.4	NNE 2.9	5.3							
16	68.6	67.8	68.1	68.2	NNE 4.2	NE 5.2	E 1.7	3.5							
16	68.1	67.5	66.2	67.3	— 0.0	E 1.4	— 0.0	1.6							
17	64.5	64.2	66.7	65.1	SSW 0.5	W 6.4	SW 2.1	2.5							
18	68.9	69.5	68.6	69.0	— 0.3	NNE 1.3	SW 1.7	1.2							
19	64.1	61.2	65.2	63.5	S 6.1	SW 9.3	NE 1.1	4.5							
20	68.0	70.1	70.0	69.4	ENE 0.6	NE 2.9	S 1.1	1.2							
21	65.0	64.5	64.7	64.7	SSW 5.0	WSW 8.8	SW 3.5	5.2							
22	64.2	64.7	64.5	64.5	SW 4.1	SW 7.0	SSW 4.7	4.7							
23	62.0	60.1	59.6	60.6	SSW 2.3	SW 7.3	SW 4.6	4.5							
24	57.7	58.2	65.9	60.6	SSW 4.7	NW 4.3	NNE 6.4	5.1		0.0		0.0			
25	71.6	70.5	69.5	70.5	NNE 6.9	N 8.2	NE 1.8	5.8							
Mean					NE 0.9 SE 2.2 NW 3.3 WSW 4.9 — 0.0	NNE 1.5 WSW 7.6 N 3.5 N 4.7 WSW 7.0	S 0.8 NNW 4.7 SSW 3.8 — 0.1 SW 6.4	0.8 3.0 3.0 3.7 5.2		0.1	1.8	4.1	6.0		

日 Day	氣 溫 (攝氏) AIR TEMPERATURE. (°C)							濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日 照 HOURS WITH SUNSHINE	蒸 發 量 (耗) AMOUNT OF EVAPORATION	
	6 ^h	14 ^h	22 ^h	平均 Mean	最高 Max.	最低 Min.	較 差 Range	6 ^h	14 ^h	22 ^h	平均 Mean	6 ^h	14 ^h	22 ^h	平均 Mean			
1	98.7	15.6	13.1	9.1	16.4	98.0	18.4	64	44	45	51	0	—	6	—	2.0	9.40	7.4
2	12.7	18.7	14.7	15.4	19.6	11.8	7.8	62	52	46	53	0	—	5	—	1.7	9.40	6.4
3	14.1	20.8	16.2	17.0	21.7	12.5	9.2	46	43	46	45	0	—	0	—	0.0	9.00	5.2
4	12.7	12.5	1.4	8.9	17.0	0.7	16.3	47	28	37	37	0	—	10	sk	4.0	4.70	5.0
5	98.0	96.7	95.4	96.7	1.6	95.0	6.6	48	89	94	77	10	sk	10	sk	10.0	0.00	2.4
6	87.4	90.5	90.8	89.6	95.8	85.2	10.6	83	69	85	79	0	—	0	—	0.0	5.50	1.2
7	89.8	92.6	92.0	94.7	88.3	6.4	8.4	88	57	82	76	10	sk	5	—	5.0	8.40	1.6
8	99.5	10.7	3.8	4.7	11.7	93.2	18.5	95	45	75	72	0	—	0	—	0.0	9.10	2.9
9	99.3	4.0	99.0	0.8	5.1	97.1	8.0	56	39	62	52	0	—	0	—	0.0	8.90	1.9
10	96.1	11.7	5.5	4.4	12.3	95.5	13.8	86	58	74	73	0	—	0	—	0.7	6.90	3.0
11	7.9	2.2	0.4	3.5	9.1	99.2	9.9	70	74	56	67	10	n	7	sk, sk	5.7	1.10	1.2
12	95.8	9.3	5.8	3.6	10.0	95.5	14.5	83	43	44	57	0	—	0	—	0.0	8.60	3.3
13	7.4	13.7	5.0	8.7	13.8	4.2	9.6	60	46	73	60	0	—	0	—	0.0	8.90	2.6
14	99.8	0.5	97.6	99.3	5.3	96.5	8.8	77	50	84	70	0	—	10	sk	4.0	8.90	2.6
15	94.4	99.9	95.2	96.5	0.7	92.9	7.8	82	45	77	68	0	—	0	—	0.0	8.90	2.6
16	91.8	3.2	96.6	97.2	4.1	91.1	13.0	73	37	50	53	0	—	0	—	0.0	8.90	2.6
17	98.8	9.5	0.6	3.0	10.4	95.4	15.0	71	46	80	66	0	—	7	sk	0.0	8.90	2.6
18	95.2	1.3	95.4	97.3	2.0	93.6	8.4	83	54	83	73	0	—	0	—	0.0	8.90	2.6
19	4.6	11.1	3.1	6.3	11.8	94.4	17.4	67	56	50	58	6	sk	10	sk	0.0	8.90	2.6
20	97.3	4.0	97.8	99.7	4.2	95.9	8.3	72	42	89	68	0	—	0	—	0.0	8.90	2.6
21	2.8	12.3	6.9	7.3	12.7	95.3	17.4	68	35	51	51	7	sk	0	—	2.3	8.20	4.3
22	7.6	16.1	10.5	11.4	16.2	5.6	10.6	51	38	54	48	0	—	0	—	0.0	8.10	4.1
23	7.6	15.1	10.3	11.0	15.6	5.5	10.1	71	46	70	62	0	—	7	sk	2.3	7.10	3.5
24	11.7	11.7	5.7	9.7	14.8	4.8	10.0	72	87	43	67	10	sk	10	sk	6.7	1.20	3.7
25	97.4	98.4	94.0	96.6	5.7	93.5	12.2	51	36	70	52	5	sk	7	sk	4.0	6.70	1.9
26	89.7	99.8	94.4	94.6	1.1	89.1	12.0	74	32	68	58	0	—	0	—	0.0	8.40	1.6
27	94.2	6.4	98.2	99.6	7.1	91.0	16.1	65	28	44	46	0	—	2	sk	0.7	8.20	3.5
28	94.5	98.4	96.4	96.4	99.1	93.2	5.9	68	41	73	61	0	—	1	sk	3.7	6.20	2.8
29	0.2	6.3	98.2	1.6	6.6	96.0	10.6	55	34	48	46	0	—	2	sk	0.7	8.70	3.3
30	92.8	7.2	3.0	1.0	7.5	91.6	15.9	75	29	41	48	0	—	2	sk	0.7	8.10	3.7
平均 Mean	0.0	6.7	1.6	2.8	8.5	96.7	11.7	69	47	63	60	1.9		3.4		1.0	208.90	94.8

* 重力ノ更正 Reduction to standard gravity..... - 0.3
海面へノ更正 Reduction to mean sea level..... + 3.7

昭和七年十一月

鄭家屯 CHENGCHIATUN.

NOVEMBER, 1932.

Table with columns: 日 (Day), 氣壓 (AIR PRESSURE), 風ノ方向及速度 (DIRECTION AND VELOCITY OF WIND), 降水量 (AMOUNT OF PRECIPITATION). Includes sub-columns for 5h, 13h, 21h, Mean, and Total.

Table with columns: 日 (Day), 氣溫 (AIR TEMPERATURE), 濕度 (REL. HUMIDITY), 雲量 (AMOUNT AND FORMS OF CLOUD), 日照時數 (NO. OF HOURS WITH SUNSHINE), 蒸發量 (AMOUNT OF EVAPORATION). Includes sub-columns for 5h, 13h, 21h, Mean, Max, Min, Range, and cloud forms.

* 壓力ノ更正 Reduction to standard gravity..... 0.1
海面へノ更正 Reduction to mean sea level..... 11.1

昭和七年十一月

洗南 TAONAN.

NOVEMBER, 1932.

日 Day	氣 壓 * (耗) AIR PRESSURE. (mm) (700 mm +)				風ノ方向及速度 (米秒) DIRECTION AND VELOCITY (m/sec) OF WIND.								降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)				
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	平均 Mean	21-5 ^h	5-13 ^h	13-21 ^h	總計 Total	
1	48.9	44.7	43.6	45.7	W	2.8	SSE	3.0	SW	5.0	2.8						
2	42.7	40.3	39.1	40.5	SW	3.6	S	6.7	S	5.1	4.5						
3	41.2	42.0	34.8	39.3	SW	2.4	NE	5.5	ENE	4.6	4.4						
4	34.5	39.5	46.8	40.3	SW	5.0	WSW	14.4	WSW	6.7	9.9						
5	49.2	49.0	50.8	49.7	SW	7.6	WSW	6.0	W	5.0	5.0						
6	49.7	46.8	48.2	48.2	W	3.2	WNW	5.1	NW	7.3	5.7						
7	50.5	45.9	42.5	46.3	NW	5.6	W	4.7	W	2.6	4.5						
8	39.1	40.4	45.0	41.5	W	5.0	NW	6.7	NW	5.0	3.0						
9	46.5	48.1	49.7	48.1	W	4.3	NW	3.3	WNW	2.2	2.6						
10	40.3	48.4	49.3	49.0	—	0.3	NW	2.6	N	1.4	1.7						
11	49.6	49.7	52.9	50.7	N	3.8	NNW	4.1	NNW	1.1	3.0						
12	50.5	48.2	48.2	49.0	—	0.2	S	6.1	S	3.3	2.9						
13	48.8	45.7	52.2	48.9	—	0.3	NNW	2.8	NNW	2.3	2.0						
14	49.6	56.2	56.7	54.2	W	2.0	NW	6.1	WNW	4.0	3.8						
15	56.0	54.8	54.5	55.1	—	0.1	WNW	1.9	W	1.1	1.2						
16	52.8	52.4	50.0	51.7	WSW	0.8	WSW	1.8	SSE	4.1	2.2						
17	49.3	50.7	54.5	51.5	S	3.2	N	4.7	—	0.4	2.8						
18	55.1	54.2	52.3	53.9	—	0.3	S	4.7	S	3.1	2.3						
19	48.5	47.0	50.9	48.8	S	3.4	NW	5.3	WNW	2.9	3.1						
20	54.5	55.9	53.4	54.9	W	1.8	W	2.0	S	4.1	2.7						
21	47.8	46.0	45.9	46.9	S	5.3	SW	8.2	SSW	5.0	4.8						
22	48.1	47.6	47.1	47.6	SW	0.9	SSW	4.9	S	5.4	3.6						
23	46.0	46.3	54.5	44.2	S	3.5	S	3.2	—	0.2	2.1						
24	41.7	46.3	54.5	47.5	S	1.8	W	13.0	W	9.3	5.8						
25	57.3	55.8	55.5	56.2	W	4.2	W	8.8	SSW	1.5	4.3						
26	53.6	52.7	51.0	52.4	SW	2.0	WSW	3.6	—	0.4	1.6						
27	49.3	48.8	50.5	49.5	SW	0.9	SW	2.2	NNW	3.0	2.0						
28	49.7	48.8	45.9	48.1	NW	0.7	—	0.2	SE	1.2	1.1	0.3				0.3	
29	44.7	48.5	53.7	49.0	—	0.0	NW	2.2	—	0.4	1.2	0.4				0.4	
30	51.1	46.1	45.2	47.5	S	2.6	NW	8.8	SSW	1.2	4.8						
平均 Mean	48.5	48.2	48.9	49.5		2.6		5.1		3.2	3.4	0.7				0.7	

日 Day	氣 溫 (攝氏) AIR TEMPERATURE. (°C)							濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日 照 時 數 (WITH SUNSHINE)	蒸 發 量 (部) AMOUNT OF EVAPORATION.	
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	平均 Mean			
1	95.5	8.7	2.7	2.3	9.6	94.2	15.4	80	32	69	60	0	—	5	c	1.7	8.20	2.8
2	1.1	16.8	8.4	8.8	17.3	99.8	17.5	90	29	37	52	3	c	4	c	2.3	9.30	6.2
3	3.1	11.8	8.1	7.7	12.2	2.4	9.8	63	49	67	59	0	—	0	—	0.0	5.25	4.7
4	0.7	99.1	91.1	97.0	10.9	91.1	19.8	48	31	67	49	0	—	10	n	3.3	7.90	4.1
5	89.3	93.9	89.1	90.8	84.2	89.0	5.2	49	26	22	32	0	—	0	—	0.0	8.05	2.0
6	84.3	91.1	88.6	87.0	92.0	84.0	8.0	70	73	27	57	0	—	9	sk	6.3	6.80	1.7
7	84.9	91.3	89.5	88.6	93.4	84.9	8.5	52	38	57	49	0	—	0	—	0.0	8.95	1.7
8	93.5	7.0	98.5	99.7	7.4	88.9	18.5	76	89	41	69	5	sk	0	—	1.7	8.60	3.2
9	92.4	3.5	98.1	98.0	3.8	91.5	12.3	81	27	50	53	0	—	10	s	3.3	8.90	2.1
10	93.8	2.0	96.7	97.5	2.3	93.6	8.7	49	33	89	57	7	c	4	c	7.0	6.20	2.4
11	95.3	99.9	95.3	96.8	2.4	92.7	9.7	88	35	61	61	6	sk	0	—	2.0	7.60	1.7
12	90.2	6.7	98.3	98.4	7.8	90.0	17.8	97	27	62	62	0	—	0	—	0.0	8.50	3.1
13	94.3	99.1	95.3	96.2	1.8	93.7	8.1	62	95	88	82	0	—	6	c	0.2	2.75	1.8
14	94.5	0.3	93.5	96.1	0.9	92.0	8.9	66	43	53	54	0	—	4	k	1.3	8.40	1.8
15	87.5	97.3	91.7	92.2	98.4	97.4	11.0	67	44	62	58	0	—	0	—	0.0	8.95	1.5
16	87.5	2.2	94.2	94.6	2.9	86.6	16.3	75	42	48	55	0	—	0	—	0.0	8.70	2.2
17	89.1	1.8	93.8	94.9	2.2	88.4	13.8	88	37	45	57	0	—	0	—	0.0	8.30	2.2
18	88.6	1.4	92.7	94.2	1.7	87.4	14.3	36	37	58	44	0	—	0	—	1.3	8.40	2.1
19	93.0	3.6	96.8	97.8	3.9	92.1	11.8	69	39	44	51	10	c	4	c	3.3	7.15	1.9
20	91.1	1.0	97.3	96.5	1.9	90.2	11.7	63	70	48	59	0	—	0	—	0.0	7.98	2.8
21	96.3	9.7	3.1	3.0	11.2	95.6	15.6	59	28	38	42	0	—	7	c	2.3	8.40	5.2
22	2.1	13.6	1.5	3.7	13.9	98.1	15.8	53	17	55	42	4	sk	4	c	2.7	8.40	3.5
23	96.1	10.2	1.8	2.7	11.4	95.4	16.0	34	34	90	53	0	—	0	—	0.0	7.40	2.0
24	98.0	6.0	95.1	99.7	6.6	94.9	11.7	50	35	29	38	10	sk	1	c	3.7	5.00	4.0
25	89.9	95.7	88.4	91.3	95.0	88.2	7.7	64	27	59	50	0	—	0	—	0.0	8.20	1.8
26	75.5	98.8	91.9	88.7	99.4	75.4	24.0	53	23	84	53	0	—	0	—	0.0	8.30	1.7
27	90.5	97.8	92.7	93.7	98.2	90.4	7.3	46	39	48	44	0	—	10	s	3.3	2.70	1.1
28	89.0	95.0	94.3	92.8	95.6	86.6	9.0	39	46	36	40	0	—	0	—	0.0	7.20	1.5
29	90.3	98.6	90.6	93.2	98.9	87.9	11.0	23	29	86	46	0	—	3	k	1.0	7.80	1.7
30	81.8	2.4	95.0	93.1	4.1	81.8	22.3	79	24	91	65	0	—	6	c	2.0	7.70	2.9
平均 Mean	92.0	2.2	95.8	96.7	3.4	90.5	12.0	62	40	57	53	1.5		2.4		1.7	226.16	77.4

* 重力ノ更正 Reduction to standard gravity.....+ 0.0
海面へノ更正 Reduction to mean sea level.....+ 14.4

昭和七年十一月

日 Day	氣 壓 * (耗) AIR PRESSURE. (mm) (700 mm +)				風 / 方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.							降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)				
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	二十四時 間平均 Mean for 24h.	21-5 ^h	5-13 ^h	13-21 ^h	總計 Total				
1	51.4	48.2	46.1	48.6	SW	1.5	SW	5.3	S	3.9	4.0	—				
2	44.8	45.0	44.8	44.9	SW	2.8	SSW	5.8	S	5.7	3.9	—				
3	47.3	44.9	42.1	44.8	SSW	4.1	NW	2.6	SSW	4.7	4.2	—				
4	39.6	39.2	46.0	41.6	W	4.8	SW	5.4	WSW	7.0	6.3	—				
5	49.7	52.2	55.5	52.5	WSW	6.4	W	7.8	NNW	4.6	5.9	—				
6	50.0	49.6	48.3	49.3	W	4.4	WNW	4.4	WNW	2.1	3.5	—				
7	48.2	48.5	45.4	47.4	NW	5.3	NNW	6.4	WSW	3.0	4.7	0.3				
8	40.6	40.7	40.0	40.4	WSW	4.1	NNE	5.3	WNW	0.9	4.1	—				
9	46.3	48.9	48.4	47.9	NNW	3.2	WNW	6.1	SW	1.8	3.3	—				
10	52.6	51.9	51.5	52.0	S	0.3	S	3.9	E	1.5	1.2	—				
11	50.2	49.8	54.5	51.5	NE	2.2	N	4.7	NNW	1.8	2.4	—				
12	54.7	58.2	58.2	57.0	SSW	2.0	SW	4.6	S	4.7	2.7	—				
13	51.8	52.2	51.1	51.7	S	4.7	SSW	4.6	WNW	3.5	4.3	—				
14	55.0	56.3	58.7	56.7	NW	2.9	NNW	4.7	NNW	3.4	4.1	—				
15	58.1	57.2	57.3	57.5	SW	0.7	W	3.3	W	0.4	1.4	—				
16	57.0	56.6	55.9	56.5	SW	2.2	W	3.6	S	3.7	1.9	—				
17	54.0	53.0	56.0	54.3	S	4.6	WNW	3.3	N	2.5	4.1	—				
18	57.7	58.7	57.3	57.9	N	1.1	WNW	1.8	S	3.0	1.6	—				
19	55.2	50.1	51.9	52.4	S	5.4	SSW	3.2	NNW	3.2	3.4	—				
20	55.3	57.9	57.7	57.0	WSW	1.6	NNW	2.1	S	3.5	2.4	—				
21	52.8	48.1	49.7	50.2	S	5.1	SSW	9.9	SW	6.0	6.0	—				
22	50.1	51.2	51.4	50.9	SSW	4.4	SSW	4.7	SSW	5.0	4.9	—				
23	49.4	48.5	48.5	48.8	SSW	6.1	SSW	5.0	S	4.7	5.0	—				
24	45.5	45.2	52.9	47.9	S	4.4	W	6.5	WNW	4.7	4.8	—				
25	48.5	57.1	57.8	54.5	NW	3.4	WNW	6.0	SSW	1.4	5.1	—				
26	57.2	55.5	55.8	56.2	SSW	1.8	S	2.1	SSE	2.6	5.1	—				
27	55.2	53.0	52.5	53.6	ESE	4.0	ESE	2.3	ESE	1.9	2.6	—				
28	50.7	51.5	52.0	51.4	NE	2.5	W	1.3	SW	1.4	1.9	—				
29	50.5	49.7	53.7	51.3	SSE	2.1	WSW	2.9	WNW	2.8	2.4	0.2				
30	55.7	50.5	48.0	51.4	S	1.5	SSW	5.7	S	5.0	3.3	0.2				
平均 Mean	51.2	51.0	51.6	51.3		3.3		4.5		3.3	3.7	0.3	1.5	1.6	3.4	

日 Day	氣 溫 (攝氏) AIR TEMPERATURE. (°C)							濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日 照 時 數 NO. OF HOURS WITH SUNSHINE.	蒸 發 量 (耗) AMOUNT OF EVAPORATION.			
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	平均 Mean					
1	96.4	5.4	1.6	1.1	5.6	95.9	9.7	84	36	70	63	8	sk	10	sk, k	7	kc, sc	8.3	4.95	1.9
2	1.4	12.8	8.6	7.6	13.7	0.6	13.1	75	43	71	63	8	kc, sc	6	kc, c	2	c	5.3	6.29	2.9
3	8.4	12.6	10.4	10.5	13.8	6.7	7.1	79	53	65	66	5	cs	6	c	0	—	3.7	7.49	2.7
4	7.6	8.0	96.6	4.1	11.4	96.5	14.9	54	31	56	47	10	sk	10	k, n	1	ck	7.0	2.67	2.8
5	96.4	95.8	92.6	94.9	97.3	90.2	7.1	69	34	90	64	0	—	4	ck, k	0	—	1.3	8.65	1.7
6	90.4	90.4	89.4	90.1	92.7	89.0	3.7	51	65	70	62	0	—	4	sk, k	0	—	1.3	2.15	0.7
7	88.6	89.9	89.0	89.2	90.1	87.2	2.9	77	74	62	71	10	n	10	n	0	n	10.0	0.00	0.8
8	90.0	97.6	95.4	94.3	99.0	87.0	11.8	79	62	86	76	10	n	9	kc, sc	0	—	6.3	4.82	1.4
9	94.2	99.4	94.5	96.0	99.9	92.9	7.0	88	39	74	67	1	e	0	—	0	—	0.3	8.35	1.6
10	90.4	2.2	97.0	96.5	3.2	90.0	13.2	82	44	79	68	0	—	8	kc, ck	9	cs	5.7	4.86	1.4
11	95.6	99.1	95.2	96.6	0.1	89.5	10.6	86	51	66	68	0	—	9	sc, cs	0	—	3.0	5.63	1.4
12	90.8	2.7	95.9	96.5	3.0	89.4	13.6	80	44	83	69	0	—	0	—	0	—	0.0	7.95	2.3
13	96.8	8.5	1.8	2.4	8.9	95.8	13.1	74	43	84	67	0	—	7	c, cs	10	sc, sk	5.7	7.10	2.1
14	94.8	97.8	93.7	95.4	1.8	92.7	9.1	94	56	84	75	10	cs, sc	5	sk, sc	0	—	5.0	4.35	1.2
15	89.4	97.0	92.1	92.8	97.8	88.8	9.0	92	54	81	76	0	—	0	—	0	—	0.0	6.82	1.4
16	90.2	0.2	93.0	94.5	0.7	89.3	11.4	85	62	69	72	0	—	0	—	0	—	0.0	8.10	1.7
17	91.0	2.2	93.5	95.6	2.6	90.8	11.8	75	49	73	66	0	—	0	—	0	—	0.0	8.15	1.7
18	89.4	87.8	91.9	93.0	98.8	88.8	10.0	89	65	70	75	0	—	0	—	0	—	0.0	7.50	1.6
19	91.3	1.3	94.6	95.7	1.5	90.0	11.5	80	56	82	73	8	cs	10	sc, cs	0	—	6.0	2.60	1.4
20	90.0	97.0	92.2	93.1	98.3	89.6	8.7	96	59	67	74	0	—	0	—	0	—	0.0	7.32	1.2
21	95.6	6.6	3.6	1.9	7.2	91.7	15.5	75	36	43	51	9	cs	8	c	0	—	5.7	6.85	1.6
22	0.8	11.1	2.9	4.9	11.4	0.4	11.0	84	47	84	72	0	—	0	—	0	—	0.0	7.70	1.5
23	2.8	11.3	4.9	6.3	11.6	1.2	10.4	85	52	85	74	0	—	0	—	4	sk, kc	1.3	7.60	2.5
24	5.4	7.7	99.0	4.0	9.0	98.9	10.1	83	64	56	68	5	kc, ck	2	ck, sc	3	c	3.3	2.05	2.1
25	92.0	95.1	89.6	92.2	99.4	89.3	10.1	56	25	57	46	2	cs	0	—	0	—	0.7	7.55	1.8
26	87.6	97.6	90.8	92.0	97.9	86.2	11.7	75	38	52	55	0	—	6	—	0	—	0.0	6.65	1.6
27	90.0	96.2	92.9	93.0	96.7	88.8	7.9	64	48	63	58	0	—	10	cs	5	cs	5.0	2.05	1.4
28	89.8	93.6	88.8	90.7	94.6	88.8	5.8	92	76	92	87	0	—	7	sc, n	0	—	2.3	4.10	1.2
29	91.0	94.4	87.2	90.9	95.0	87.2	7.8	89	94	91	91	6	n	10	n	0	—	5.3	0.00	0.2
30	81.4	96.6	95.3	91.1	97.4	81.0	16.4	94	68	73	80	0	—	4	c, cs	1	c	1.7	7.50	0.8
平均 Mean	94.0	0.9	95.8	93.9	2.0	91.8	10.2	80	52	73	68	3.1		4.6		1.7		3.1	167.79	45.6

* 重力ノ更正 Reduction to standard gravity.....+ 0.1
 海面ノ更正 Reduction to mean sea level.....+ 14.0

齊 々 哈 爾
TSITSIHAR.

昭和七年十一月

NOVEMBER, 1932.

日 Day	氣 壓 * (托) AIR PRESSURE. (mm) (700 mm +)				風 / 方向 及 速度 (米秒) DIRECTION AND VELOCITY (m/sec) OF WIND.							降 水 量 (托) AMOUNT OF PRECIPITATION. (mm)				
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	二十四時 間平均 Mean for 24h.	21-5 ^h	5-13 ^h	13-21 ^h	總計 Total				
1	46.6	44.0	42.7	44.4	SSW 4.1	SW 3.9	SSW 2.1	2.8	—	—	—	—				
2	41.5	40.1	36.5	39.4	SSW 1.3	SSE 5.5	SSW 3.4	3.1	—	—	—	—				
3	42.5	43.1	37.9	41.2	W 5.5	N 5.3	NK 4.2	4.4	—	—	—	—				
4	32.9	33.9	41.6	36.1	SSW 8.5	SSW 11.6	SSW 10.5	8.4	—	—	—	—				
5	46.5	47.8	50.1	48.1	W 7.0	WSW 4.7	NW 7.1	6.4	—	—	—	—				
6	48.3	47.9	49.0	48.4	— 0.0	WNW 3.4	NW 5.8	3.9	—	—	0.0	0.0				
7	49.0	45.8	42.6	45.8	NW 7.4	WNW 6.8	NW 1.6	2.1	—	—	—	—				
8	36.9	39.8	44.9	40.5	WSW 7.9	NW 6.1	WNW 6.9	6.0	—	—	—	—				
9	47.1	47.5	50.3	48.3	— 0.0	WNW 4.1	— 0.0	2.5	—	—	—	—				
10	51.3	51.5	51.1	51.3	— 0.0	ENE 4.8	ENE 3.4	1.5	—	—	—	—				
11	52.2	51.1	52.5	51.9	NNE 1.9	NW 2.8	W 3.5	2.0	—	—	—	—				
12	51.2	48.6	49.5	49.8	SSE 1.5	S 5.3	ENE 1.7	2.8	—	—	—	—				
13	48.9	48.6	51.9	49.8	NNE 1.6	N 4.7	ENE 4.8	3.2	—	—	—	—				
14	53.5	55.1	57.9	56.2	N 1.4	NNW 4.4	NW 3.5	2.8	—	—	—	—				
15	56.7	55.3	54.9	55.6	WNW 1.5	NW 3.0	W 3.9	2.2	—	—	—	—				
16	55.9	54.0	51.2	53.7	NNW 1.8	S 2.1	SE 4.1	2.5	—	—	—	—				
17	51.4	52.4	56.4	53.4	W 2.7	NNW 5.7	NNW 1.5	2.7	—	—	—	—				
18	56.8	55.1	52.0	54.6	W 2.4	SSW 3.2	S 3.6	2.8	—	—	—	—				
19	38.8	48.3	51.7	49.6	S 2.1	NW 2.6	NW 4.9	2.2	—	—	—	—				
20	56.4	55.1	51.4	54.3	NNW 1.4	SSW 2.3	SSW 3.6	2.8	—	—	—	—				
21	45.1	48.6	44.1	45.9	— 0.0	SSW 4.9	WSW 3.7	0.4	—	—	—	—				
22	49.0	47.0	45.4	47.1	W 3.6	S 3.0	— 0.1	0.9	—	—	—	—				
23	45.7	45.7	45.0	45.5	— 0.0	NE 1.3	NNE 0.7	1.9	—	—	—	—				
24	42.2	44.3	53.3	46.6	WSW 4.1	W 9.3	WNW 10.5	5.9	—	—	—	—				
25	56.8	55.3	55.4	55.8	WSW 3.8	WNW 11.6	SW 1.6	5.5	—	—	—	—				
26	54.6	53.2	53.3	53.7	— 0.0	S 2.0	SE 1.5	0.8	—	—	—	—				
27	52.7	51.7	51.9	52.1	NNE 4.0	NE 4.7	ENE 2.3	1.3	—	—	0.3	0.3				
28	51.4	49.9	48.4	49.9	N 4.8	WNW 2.5	— 0.0	2.3	0.5	—	—	0.5				
29	47.1	48.8	54.1	50.0	ESE 2.7	NW 3.9	NW 2.5	3.4	0.9	—	—	0.2				
30	46.9	44.0	47.4	46.1	SSE 4.8	WSW 3.6	NNE 5.4	4.2	—	0.2	—	—				
平均 Mean	48.9	48.5	49.1	48.8	2.9	4.6	3.6	3.1	0.5	0.2	0.3	1.0				

日 Day	氣 溫 (攝氏) AIR TEMPERATURE. (°C)						濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日 照 時 數 NO. OF HOURS WITH SUNSHINE.	蒸 發 量 AMOUNT OF EVAPORATION. (托)			
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max	最低 Min	較 差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h			平均 Mean		
1	97.0	4.2	2.0	1.1	6.1	95.7	10.4	67	54	78	66	8	kc	10	kc	9.3	2.10	1.6	
2	0.2	9.9	7.1	5.7	11.4	0.2	11.2	93	48	57	66	7	ek	3	ek	6.7	5.74	2.3	
3	1.9	9.0	3.6	4.8	9.7	1.7	8.0	76	33	72	60	5	c	10	kc	7.0	6.55	2.3	
4	2.8	3.7	94.5	0.3	8.1	94.5	13.6	60	40	41	50	1	kt	4	ek	3.3	8.02	2.4	
5	91.8	94.7	88.7	91.7	95.2	88.7	6.5	50	32	46	43	4	c	7	kc	3.7	3.70	2.3	
6	86.2	90.2	87.5	88.0	91.3	86.2	5.1	61	40	63	55	0	—	4	k	—	1.3	7.60	1.4
7	85.1	89.9	87.0	87.3	91.4	85.1	6.3	63	43	75	69	0	—	0	—	0.7	5.00	1.5	
8	90.9	0.4	95.5	95.6	1.1	87.0	14.1	76	34	65	58	0	—	8	ek	1	3.0	8.32	1.9
9	91.7	1.2	94.5	95.8	2.3	91.5	10.8	62	30	53	48	0	—	10	sk	3.3	8.25	1.6	
10	91.1	98.9	94.5	94.8	99.9	91.1	8.8	83	28	61	57	10	c	10	sk	8.0	0.00	1.2	
11	89.5	98.0	91.3	92.9	99.3	89.4	9.9	85	33	83	67	8	c	0	—	2.7	6.91	1.2	
12	91.0	1.4	98.0	96.8	2.2	89.7	12.5	83	40	87	70	1	ek	6	c	5.7	8.90	0.7	
13	93.4	97.6	94.2	95.1	99.0	93.1	5.9	94	82	94	90	10	kt	8	sk	9.3	0.00	0.8	
14	90.0	97.0	91.1	92.7	93.5	89.8	8.7	96	44	63	63	1	c	5	kc	2.3	4.55	1.1	
15	86.6	97.0	90.5	91.4	98.2	86.5	11.7	73	42	72	62	0	—	0	—	0.0	8.30	1.2	
16	86.6	98.4	93.9	93.0	98.9	86.6	12.3	95	37	80	71	2	c	2	c	1.3	8.45	1.3	
17	88.1	99.0	90.1	92.4	0.6	87.5	13.1	96	39	79	71	0	—	1	c	0.3	8.50	1.2	
18	86.1	99.2	93.5	92.9	0.4	85.8	14.6	91	36	73	67	2	sc	2	c	1.7	8.30	0.9	
19	93.6	99.8	93.0	95.5	1.0	93.0	8.0	70	40	76	62	10	sc	0	—	4.0	6.20	1.1	
20	98.1	98.6	96.9	97.9	99.1	87.4	11.7	90	45	58	64	0	—	10	kc	3.3	8.50	1.7	
21	95.7	5.6	99.5	0.3	7.2	95.1	12.1	52	34	55	47	10	c	10	kc	6.7	5.80	1.3	
22	93.9	7.6	0.0	0.5	8.7	93.8	14.9	88	35	64	62	0	—	2	c	0.7	9.03	1.2	
23	93.2	4.0	96.1	97.8	4.7	93.0	11.7	90	52	94	79	0	—	0	—	0.0	7.60	1.0	
24	96.0	3.1	92.0	97.0	4.4	92.0	12.4	97	37	30	55	10	sc	9	kt	6.3	0.00	2.1	
25	86.4	92.6	86.5	88.5	93.8	86.3	7.5	36	23	58	39	0	—	1	sc	0.3	7.36	1.1	
26	84.3	95.5	91.1	90.3	97.0	84.0	13.0	70	37	70	59	0	—	4	c	1.3	7.90	0.8	
27	87.6	93.5	92.1	91.1	95.0	86.8	8.2	88	60	93	80	10	sc	10	sk	10.0	0.00	0.5	
28	81.5	87.2	88.5	85.7	93.1	80.9	12.2	85	75	76	80	3	c	0	—	4.3	1.80	0.3	
29	89.0	90.5	82.6	87.4	92.4	82.6	9.8	92	72	56	73	10	sc	1	ek	3.7	6.20	0.9	
30	81.0	99.5	88.2	89.6	0.0	80.3	19.7	81	50	72	63	10	kt	10	sk	6.7	0.00	0.7	
平均 Mean	91.0	98.9	93.5	94.5	0.3	89.5	10.8	79	43	63	63	4.1		4.3		3.4	3.9	100.58	39.8

* 重力ノ更正 Reduction to standard gravity.....+ 0.1
海面へノ更正 Reduction to mean sea level.....+ 19.6

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昭和七年十二月

滿 洲 氣 象 表

REPORT

OF THE

METEOROLOGICAL OBSERVATIONS

MADE AT THE

METEOROLOGICAL STATIONS

IN

MANCHURIA.

DECEMBER, 1932.

PUBLISHED BY THE METEOROLOGICAL OBSERVATORY, DAIREN.

凡 例

本編ハ昭和七年十二月中滿洲各觀測所ニ於ケル氣象觀測ノ成績ヲ示スモノニシテ其ノ觀測ノ時刻方法等ハ日本各測候所ト全ク同一ノ式ニ據ル今其要點ヲ擧グレバ

觀測時ハ日本西部標準時即チ東經百二十度ノ地ノ平時ニ據リ夜半ヲ日界トスル二十四時間制ヲ用フ但シ日照時數ハ眞太陽時ニ據ル

氣壓ハ耗ヲ以テ示シ晴雨計示度ニ施スニ單ニ溫度ノ更正ノミヲ以テシ海面上高サノ更正及重力ノ更正ハ施サズ

溫度ハ攝氏ノ度ニ據ル但シ氷點以下ノ度ハ負數ヲ用ヒズ百ヨリ其度ヲ減ジ其餘數ヲ以テ之ヲ示ス即チ氷點以下一度ハ九十九度氷點以下五度ハ九十五度ト記スルガ如シ

或ル觀測時ニ於ケル風速ハ其觀測時前二十分間ノ平均風速ヲ以テ之ヲ示ス

平均雲量ニ未滿ナル日ヲ快晴トシ八以上ナル日ヲ曇天トス

風ノ速度一秒時間十米以上ヲ觀測シタル日ヲ暴風日トス

INTRODUCTION.

The present publication contains the results of the meteorological observations made at the meteorological stations in Manchuria for the month of December, 1932.

The instruments and the method of observation are the same as those at the meteorological stations in Japan. The followings are to be particularly noticed.

Hours of Observations.—The Western Standard Time of Japan (civil mean time of the meridian 120° E.) is adopted. For the measure of sunshine duration the apparent solar time is used.

Pressure.—The barometric readings in millimetres are reduced only to freezing point.

Temperature.—The degrees are given in Centigrade; those below zero are shown by adding 100, to avoid the minus sign; thus 99° for -1°, 95° for -5°, etc.

Velocity of the Wind.—As the velocity at any time is given the mean for the preceeding 20 minutes.

Clear and Cloudy Days.—The mean amount of cloud for a clear day is less than 2 exclusive, and for a cloudy day is more than 8 inclusive.

Days with Gales.—As such are counted the days on which the maximum velocity reaches or exceeds 10 metres per second.

ILLUSTRATION OF SYMBOLS

(1) 萬國共通記號 *International symbols*

雨 ● Rain	霜 ⊥ Hoar frost	日暈 ⊕ Solar halo
雪 * Snow	露 △ Dew	日光環 ⊙ Solar corona
電雷 ⚡ Thunder storm	霧氷 ∨ Silver thaw	月暈 ⊕ Lunar halo
雷聲 ⊥ Thunder without lightning	雨水 ~ Glazed frost	月光環 ⊖ Lunar corona
電光 < Lightning without thunder	吹雪 † Snow drift	虹 ∩ Rainbow
霰 △ Graupel	細氷 ← Ice crystals	極光 ∞ Aurora
雹 ▲ Hail	積雪 ⊠ Snow lying	煙霧 ∞ Haze
霧 ≡ Mist, fog	暴風 ⚡ Gale	黃道光 ♃ Zodiacal light

(2) 其他ノ記號 *Other symbols*

凍雨 ⊕ Frozen rain	凍露 ⊥ Frozen dew	結氷 ⊖ Ice
霜柱 ⊥ Ice columns in ground	波狀雲 ∞ Undulated cloud	黃砂 ∞ Yellow dust
朝焼け ⊖ Red sky	海鳴 ⊖ Oceanic noise	地震 ⊕ Earthquake
卷雲 C Cirrus	卷層雲 CS Cirro-stratus	卷積雲 CK Cirro-cumulus
層雲 S Stratus	高層雲 SC Alto-stratus	層積雲 SK Strato-cumulus
積雲 K Cumulus	高積雲 KC Alto-cumulus	積亂雲 KN Cumulo-nimbus
亂雲 N Nimbus		

(3) 現象ノ強サ *The intensity of the phenomena*

現象ノ強弱ヲ示ス爲ニ記號ノ右肩ニ012ノ數字ヲ記ス例ヘバ

The intensity of a phenomenon is shown by an index added to its symbol, thus:—

微雨 ●⁰ slight rain 中雨 ●¹ moderate rain 強雨 ●² heavy rain

地震震度階級 *Intensity of earthquakes*

微震 ⊕⁽¹⁾ slight 弱震(弱キ方) ⊕⁽²⁾ moderate 弱震 ⊕⁽³⁾ rather strong
 強震(強キ方) ⊕⁽⁴⁾ strong 強震 ⊕⁽⁵⁾ very strong 烈震 ⊕⁽⁶⁾ disastrous

大 連
DAIREN.

昭和七年十二月

DECEMBER, 1932.

Table with columns for Day, Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Includes sub-headers for 2h, 6h, 10h, 14h, 18h, 22h, and Mean. Data rows 1-31 and a final Mean row.

Table with columns for Day, Air Temperature (°C), Relative Humidity (%), Amount and Forms of Cloud, and Sunshine/Evaporation. Includes sub-headers for 2h, 6h, 10h, 14h, 18h, 22h, and Mean. Data rows 1-31 and a final Mean row.

* 重力ノ更正 Reduction to standard gravity 0.4
海面ノ更正 Reduction to mean sea level + 9.3

日 Day	水蒸氣ノ張力(托) TENSION OF VAPOUR. (mm)							地面溫度(攝氏) EARTH TEMP. ON THE SURFACE. (°C)				地 中 溫 度 (攝氏) EARTH TEMPERATURE. (°C)										最低 MIN. TEMP. ON GLASS. (°C)	最高 MAX. TEMP. IN SHADE. (°C)
	2 ^h	6 ^h	10 ^h	14 ^h	18 ^h	22 ^h	平均 Mean	6 ^h	14 ^h	22 ^h	平均 Mean	0.05m	0.1m	0.2m	0.3m	0.5m	1.0m	2.0m	3.0m	4.0m	5.0m		
1	5.5	6.1	4.1	3.2	2.4	1.6	3.8	4.1	7.3	1.2	4.2	5.9	5.1	5.4	5.8	6.7	9.1	11.8	13.3	14.2	14.6	0.6	19.9
2	1.8	1.5	1.7	1.9	1.9	2.1	1.8	99.2	3.5	98.7	0.5	2.2	2.4	4.0	5.3	6.7	9.3	11.4	13.2	14.1	14.5	95.4	14.0
3	2.5	3.3	4.5	5.5	5.1	4.4	4.2	98.9	4.6	1.5	1.7	2.2	2.0	2.9	4.4	6.0	9.1	11.4	13.2	14.2	14.5	94.6	9.5
4	3.3	3.4	3.0	2.5	2.9	3.3	3.1	99.8	4.3	0.2	1.4	1.0	1.7	3.1	4.3	5.7	8.7	11.3	13.0	13.9	14.4	98.1	6.6
5	2.8	3.7	3.3	2.9	3.9	2.1	3.1	99.2	3.4	99.4	0.7	0.4	1.2	2.7	3.9	5.4	8.5	11.2	13.0	13.9	14.5	95.9	17.5
6	1.9	1.7	1.6	3.2	2.2	2.2	2.1	98.0	3.0	99.2	0.1	99.8	0.7	2.5	3.7	5.0	8.6	11.2	13.0	14.1	14.3	96.0	12.0
7	2.6	2.9	1.9	1.9	1.9	1.8	2.2	98.4	0.2	98.3	99.0	99.7	0.4	1.9	3.2	4.8	8.3	10.9	12.8	13.9	14.3	95.4	5.6
8	2.0	1.9	1.9	2.3	2.2	2.3	2.1	97.4	1.2	97.8	98.8	99.3	99.8	1.5	2.7	4.2	7.9	10.8	12.5	13.8	14.1	93.6	14.4
9	3.0	3.2	2.8	3.2	3.3	3.9	3.2	97.5	3.4	1.1	0.7	99.6	99.7	1.3	2.4	3.9	7.5	10.7	12.5	13.7	14.2	94.2	16.1
10	3.1	3.6	3.3	4.2	4.6	4.7	3.9	1.2	8.3	4.8	4.8	3.1	1.8	1.9	2.5	3.9	7.2	9.9	12.5	13.6	14.1	1.2	11.0
11	4.5	4.0	3.6	2.2	2.2	2.0	3.1	2.0	4.9	1.6	2.8	3.5	3.3	3.9	4.3	5.0	7.1	9.9	12.4	13.4	14.0	0.2	13.2
12	2.8	1.4	1.3	1.3	1.4	1.5	1.6	98.9	98.5	96.5	98.0	0.5	1.2	2.7	4.8	5.0	7.3	9.6	12.1	13.4	13.8	92.9	2.9
13	1.8	1.9	2.6	2.6	3.0	2.4	2.4	97.4	0.9	98.0	98.8	99.6	99.8	1.4	2.6	4.1	7.2	9.4	12.1	13.4	13.9	90.5	13.6
14	1.9	1.7	1.6	1.5	2.0	2.1	1.8	98.4	99.1	97.4	98.3	99.3	0.0	1.4	2.3	3.7	7.0	9.4	12.0	13.2	13.7	94.6	5.4
15	2.0	2.3	2.6	2.6	3.1	3.1	2.6	98.5	0.7	99.1	99.4	99.4	99.7	0.9	2.0	3.5	6.8	9.4	11.9	13.1	13.7	96.4	13.7
16	3.0	3.1	4.2	3.8	3.1	3.9	3.5	98.2	4.3	2.0	1.5	99.8	99.9	1.1	2.0	3.4	6.5	9.1	11.8	12.9	13.5	96.8	15.4
17	4.0	4.4	4.8	4.4	4.9	5.4	4.7	1.2	16.0	3.7	7.0	3.2	1.9	2.3	2.7	3.7	6.4	9.1	11.7	12.9	13.6	2.4	16.0
18	5.6	6.2	6.4	6.1	6.5	7.3	6.4	3.0	8.9	6.2	6.0	5.1	4.0	4.0	4.3	4.6	6.5	8.9	11.5	12.9	13.4	3.0	18.3
19	5.2	2.9	1.7	1.7	1.8	1.6	2.5	1.5	1.4	98.4	0.4	2.4	3.3	4.6	5.2	5.7	7.0	8.9	11.5	12.8	13.2	96.6	12.8
20	1.5	1.5	1.6	1.4	1.6	1.8	1.6	97.5	99.3	96.7	97.8	99.5	0.4	2.1	3.3	4.7	7.0	8.6	11.4	12.7	13.1	92.3	6.2
21	2.2	2.0	2.7	2.9	2.5	1.4	2.3	98.7	3.2	98.0	0.0	99.7	0.0	1.4	2.5	3.8	6.9	8.7	11.3	12.4	13.2	94.0	12.6
22	1.2	1.0	1.2	1.0	1.3	1.4	1.2	92.0	98.9	95.5	95.5	98.7	93.5	1.0	2.1	3.4	6.5	8.6	11.2	12.5	13.2	91.1	5.2
23	1.9	2.3	2.9	3.2	3.1	2.9	2.7	95.7	1.8	93.5	98.7	98.8	98.7	0.4	1.6	3.0	6.3	8.6	11.2	12.4	13.1	91.1	11.8
24	3.6	2.9	1.8	1.5	2.1	1.8	2.3	98.4	99.5	96.5	98.1	99.2	93.5	0.6	1.5	2.7	6.2	8.4	11.1	12.4	13.1	93.8	2.9
25	1.9	1.9	1.6	2.4	2.9	3.4	2.4	96.9	1.7	99.7	99.4	98.5	98.9	0.1	1.2	2.4	5.7	8.2	10.8	12.3	13.0	93.4	13.5
26	3.5	3.9	4.7	5.0	4.7	4.9	4.5	0.0	2.7	1.5	1.4	0.0	0.0	0.6	1.3	2.4	5.6	8.2	10.9	12.3	12.9	96.8	4.8
27	4.7	3.1	2.3	2.4	2.3	2.2	2.8	99.8	99.8	99.5	0.3	0.6	1.3	1.6	2.6	5.5	8.6	10.8	12.2	12.9	96.8	5.2	
28	2.1	2.1	2.0	2.0	2.1	1.8	2.0	97.3	98.4	96.4	97.4	99.0	99.7	0.9	1.6	2.8	5.5	8.0	10.6	12.1	12.8	94.1	2.9
29	1.7	1.7	1.7	1.9	1.9	2.1	1.8	95.4	98.3	96.0	96.6	97.2	97.3	0.0	1.3	2.4	5.4	8.0	10.5	12.0	12.6	92.2	3.5
30	1.8	1.7	1.4	1.6	1.4	1.3	1.5	95.8	97.3	93.5	95.5	97.4	97.9	99.8	0.9	2.1	5.2	7.8	10.5	12.0	12.7	88.3	2.3
31	1.2	1.2	1.3	1.1	1.4	1.1	1.2	92.0	94.0	91.8	92.6	94.4	95.6	98.6	0.4	1.6	5.0	7.5	10.4	12.0	12.5	89.0	97.2
平均 Mean	2.8	2.7	2.6	2.7	2.8	2.7	2.7	98.5	2.2	99.0	99.8	0.3	0.5	1.7	2.8	4.0	7.0	9.4	11.8	13.1	13.6	95.3	9.6

記 事
REMARKS.

日 Day	REMARKS.
1	∞°a.
2	∞°a, p. ∞°p.
3	∞°a, ∞°a, ∞°a, ∞°a, ∞°a. ☉°12h40-13h00, 13h27-15h30.
4	∞°a, ∞°a, ∞°a, p.
5	∞°a, ∞°a, ∞°a. ☉°*°16h40-17h20.
6	∞°a, p. *°12h49-12h52, 13h35-13h50. ∞°a, ∞°a. *°16h. *°7h50-8h13, 13h03-13h17, 13h52-15h20.
7	∞°a, p. ∞°p.
8	∞°a, ∞°a, ∞°a, p.
9	∞°a, ∞°a, ∞°a, p.
10	∞°a, ∞°a, ∞°a, p.
11	∞°a, p. ∞°p. *°20h50-21h10, 22h50- ∞°a, ∞°a, p. *°2h-4h, 6h, 8h-17h. ☉°2.4cm-☉°*°10h40-☉°21h53-☉°12h39-☉°3h16-4h35, 6h25-7h04.
12	∞°a, ∞°a, p. ∞°p.
13	∞°a, ∞°a, ∞°a, p.
14	∞°a, ∞°a, ∞°a, p.
15	∞°a, ∞°a, ∞°a, p.
16	∞°a, ∞°a, ∞°a, p. *°21h.
17	∞°a, ∞°a, ∞°a, p. ∞°11h-23h. *°22h.
18	∞°a, ∞°a, ∞°a, p. ∞°(kc)15h20-16h00.
19	☉°a. *°10h-16h, 21h, ∞°9h-16h.
20	∞°a, ∞°a, ∞°a, p.
21	∞°a, ∞°a, p. ∞°p.
22	∞°a, ∞°a, p.
23	∞°a, ∞°a, ∞°a, p.
24	∞°a, ∞°a, ∞°a, p.
25	∞°a, ∞°a, ∞°a, p.
26	∞°a, ☉°5h40-6h10, 7h00-20h30. ☉°13h10-☉°13h50-☉°15h20-17h00. ☉°12h00-☉°21h00-
27	∞°a, ∞°a, ∞°a, p.
28	∞°a, ∞°a, p. ∞°p. *°22h.
29	∞°a, p. *°5h.
30	∞°a, ∞°a, ∞°a, p. *°13h, 16h, 20h-22h, 24h.
31	∞°a, p. *°1h, 4h, 5h, 8h-11h, 14h-19h, 22h.

營口 YINGKOW.

昭和七年十二月

DECEMBER, 1932.

Table with columns for Day, Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Includes a summary row for the month.

Table with columns for Day, Air Temperature (°C), Relative Humidity (%), Amount and Forms of Cloud,日照時數 (Hours of Sunshine), and 蒸發量 (Amount of Evaporation). Includes a summary row for the month.

* 重力ノ更正 Reduction to standard Gravity 0.1
海面ノ更正 Reduction to mean sea level + 21.2

昭和七年十二月

奉天 FENGTIEN.

DECEMBER, 1932.

Table with columns for Day, Air Pressure (mm), Wind Direction and Velocity (m/sec), and Amount of Precipitation (mm). Includes sub-columns for 2h, 6h, 10h, 14h, 18h, 22h, and averages.

Table with columns for Day, Air Temperature (°C), Relative Humidity (%), Amount and Forms of Cloud, and Evaporation (mm). Includes sub-columns for 2h, 6h, 10h, 14h, 18h, 22h, and averages.

Standard gravity..... 0.2
mean sea level..... + 4.4

新 京
HSINKING.

昭和七年十二月

DECEMBER, 1932

Table with columns: 日 (Day), 氣 壓 * (耗) AIR PRESSURE (mm) (700 mm +), 風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND, 降 水 量 (耗) AMOUNT OF PRECIPITATION (mm). Includes sub-columns for 2h, 6h, 10h, 14h, 18h, 22h, 平均 (Mean), and 總計 (Total).

Table with columns: 日 (Day), 氣 溫 (攝氏) AIR TEMPERATURE (°C), 濕 度 (百分率) REL. HUMIDITY (%), 雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD. Includes sub-columns for 2h, 6h, 10h, 14h, 18h, 22h, 平均 (Mean), 最高 (Max.), 最低 (Min.), 較差 (Range), and 雲 量 (Cloud Amount).

* 重力ノ更正 Reduction to standard gravity 0.1
海面へノ更正 Reduction to mean sea level + 21.2

日 Day	氣 壓 * (耗) AIR PRESSURE. (mm) (700 mm +)				風ノ方向及速度 (米秒) DIRECTION AND VELOCITY (m/sec) OF WIND.								降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)				
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	二十四時 平均 Mean for 24h.	5 ^h	13 ^h	21 ^h	二十四時 平均 Mean for 24h.	21-5 ^h	5-13 ^h	13-21 ^h	總計 Total	
1	58.2	59.5	65.6	61.1	WNW	4.3	NNW	5.5	E	3.4	4.6	—	—	—	—	—	
2	67.1	66.7	65.0	66.3	ESE	1.1	E	2.8	NE	3.3	1.7	—	—	—	—	—	
3	63.1	60.7	63.7	62.5	SE	1.1	WSW	0.9	E	1.3	1.5	—	0.1	—	0.2	0.3	
4	65.0	64.8	64.4	64.7	—	0.1	ESE	0.9	E	2.3	1.6	—	—	—	—	—	
5	62.3	61.2	62.9	62.1	—	0.0	WNW	6.2	ESE	3.2	3.1	—	—	—	0.0	0.0	
6	63.2	61.5	60.4	61.7	N	0.6	WNW	3.7	NW	8.4	4.1	—	—	0.0	—	0.0	
7	59.0	58.7	60.6	59.4	E	0.5	N	4.3	NNW	5.8	3.1	—	0.1	—	0.0	0.1	
8	60.5	61.3	62.8	61.5	N	2.8	SSW	2.5	NNW	1.5	2.1	0.0	—	—	—	0.0	
9	64.3	65.8	66.8	65.6	NE	1.6	S	3.0	W	3.4	2.4	—	—	—	—	—	
10	66.5	64.2	63.0	64.6	WSW	1.2	SW	6.9	WSW	2.9	2.9	—	—	—	—	—	
11	61.2	59.9	60.3	60.5	WNW	4.0	NW	8.5	NW	11.9	6.6	—	—	—	—	—	
12	62.6	64.5	67.1	64.7	NNW	6.9	NNW	7.5	NW	4.7	6.7	0.2	—	0.0	—	0.2	
13	64.9	60.9	61.8	62.5	NW	6.5	W	11.6	NNW	4.0	6.7	—	—	—	—	—	
14	65.2	66.7	65.7	65.9	ESE	2.1	N	2.5	NW	1.3	2.3	—	—	—	—	—	
15	63.2	62.3	62.6	62.7	NW	7.7	WNW	5.5	SW	0.9	4.6	—	—	—	—	—	
16	62.5	61.5	61.8	61.9	WSW	0.7	W	4.7	SW	1.7	2.2	—	—	—	—	—	
17	61.5	60.7	59.9	60.7	ESE	0.8	SSW	2.8	SW	4.8	2.4	—	—	—	—	—	
18	59.6	59.0	59.0	59.2	SSW	2.3	SSW	3.3	ESE	2.0	3.0	—	—	—	—	—	
19	57.5	59.5	62.3	59.8	ESE	5.4	N	5.8	NNW	6.8	5.3	—	—	—	—	—	
20	63.5	64.0	66.1	64.5	NNW	4.8	NNW	5.3	E	2.2	3.1	—	—	—	—	—	
21	64.7	64.1	67.4	65.4	W	2.3	WNW	7.5	NE	6.5	4.5	—	—	—	—	—	
22	68.8	68.6	67.8	68.4	E	1.1	E	0.8	ESE	0.5	1.6	—	—	—	—	—	
23	66.1	64.8	65.6	65.5	—	0.2	SW	3.8	SW	0.6	1.6	—	—	—	—	—	
24	66.7	67.6	67.7	67.3	E	0.6	NE	4.8	ESE	6.0	4.4	—	—	—	—	—	
25	66.0	64.6	64.5	65.0	ESE	6.0	N	2.0	NE	2.5	3.4	—	—	—	—	—	
26	62.9	61.8	62.3	62.3	NNE	2.6	NNE	3.7	NE	3.4	2.8	0.0	—	1.8	1.3	3.1	
27	61.5	61.7	61.6	61.6	ESE	4.3	ESE	3.4	ENE	7.2	4.7	—	—	—	—	—	
28	60.7	60.9	62.1	61.2	E	4.3	ESE	5.7	NNE	3.3	4.9	—	—	—	—	—	
29	62.1	61.7	63.1	62.3	ESE	2.2	N	3.9	N	1.5	2.5	—	—	—	—	—	
30	63.5	65.8	67.6	65.6	NE	1.1	NE	4.0	ESE	5.7	3.7	—	—	—	0.0	0.0	
31	68.9	68.7	69.2	68.9	ESE	2.9	NE	5.7	ESE	5.7	5.0	—	—	—	—	—	
平均 Mean	63.3	63.0	63.9	63.4		2.6		4.5		3.8	3.5	0.2		2.0	1.5	3.7	

日 Day	氣 溫 (攝氏) AIR TEMPERATURE. (°C)							濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日 照 時 數 NO. OF HOURS WITH SUNSHINE.	蒸 發 量 (耗) AMOUNT OF EVAPORATION (mm)		
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較 差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	平均 Mean				
1	6.5	9.8	1.8	6.0	10.1	1.5	8.6	79	36	46	54	0	—	0	—	0.0	8.45	3.4	
2	98.3	4.9	0.7	1.3	6.3	97.7	8.6	48	29	37	38	0	—	10	cs, c	3.3	8.10	2.0	
3	1.9	5.7	2.3	3.3	6.5	0.2	6.3	71	85	89	82	0	—	3	sk	4.3	0.00	0.7	
4	0.9	3.9	2.3	2.4	4.4	0.6	3.8	61	52	64	59	0	—	10	sc, sk	6.0	0.00	1.2	
5	0.9	8.5	0.3	3.2	8.5	0.0	8.5	80	48	75	68	0	—	8	sk, kc	5.3	5.98	2.4	
6	98.1	2.2	2.3	0.9	4.0	97.8	6.2	52	50	30	47	0	—	10	sk, n	6.3	5.83	2.4	
7	99.7	99.8	99.7	99.7	2.6	96.7	5.9	53	49	47	50	10	sc, s	10	n	10.0	2.49	2.0	
8	99.0	2.5	1.7	1.1	5.0	97.2	7.8	44	51	50	48	0	—	10	sk, n	3.3	7.30	2.1	
9	1.4	8.5	4.2	4.8	9.9	99.3	10.6	45	55	62	54	0	—	3	sk	4.0	8.30	2.0	
10	3.9	7.2	6.5	5.9	7.9	2.8	5.1	61	59	65	62	10	sc, cs	10	sc, s	10.0	0.25	2.5	
11	5.4	7.0	2.5	5.0	7.0	2.5	5.1	56	29	35	40	10	sc, s	0	—	2	7.20	4.5	
12	95.2	94.7	97.6	95.8	2.5	93.0	9.5	41	42	37	40	10	s, sc	10	s, sk	8.3	4.03	2.7	
13	0.9	5.4	2.6	3.0	6.2	97.5	8.7	49	38	43	43	7	sk	0	—	2.3	8.15	3.4	
14	98.3	1.2	97.3	98.9	2.8	96.7	6.1	55	57	48	53	0	—	5	sk	1.7	8.22	2.7	
15	1.8	5.7	1.6	3.0	6.6	96.8	9.8	51	51	40	66	52	0	—	0	—	0.0	8.10	1.5
16	2.1	8.7	4.4	5.1	9.2	0.8	8.4	71	41	61	58	0	—	0	—	0.0	8.37	2.5	
17	3.8	9.4	6.2	6.5	10.4	3.6	6.8	64	52	79	65	0	—	0	—	0.0	7.78	1.9	
18	6.0	9.5	7.3	7.6	10.4	5.2	5.2	84	67	81	77	1	s, s	7	kc	6.0	6.46	2.4	
19	98.9	0.3	98.0	99.4	7.7	98.0	9.7	55	49	35	53	10	sc, s	10	sk, s	6.7	6.13	2.9	
20	97.1	0.4	95.5	97.7	1.1	95.5	5.6	37	35	51	41	0	—	0	sk	0.0	8.10	2.1	
21	0.2	3.3	98.3	0.6	5.0	95.5	9.5	54	41	32	42	9	c	10	sc, s	6.3	1.40	2.3	
22	92.5	99.2	96.0	95.9	0.2	91.8	8.4	44	32	46	41	0	—	10	c	3.3	7.20	1.9	
23	98.1	4.3	0.5	1.0	5.0	95.7	9.3	57	53	59	56	0	—	7	sk, c	3.3	4.10	2.0	
24	90.6	96.9	95.2	97.2	1.2	95.2	6.0	72	52	66	63	1	sk	10	cs, ck	4.7	6.98	2.1	
25	95.1	1.7	99.7	98.3	2.9	94.5	8.4	61	45	63	56	7	s	10	ck, kc, c	9.0	4.75	2.0	
26	0.9	1.9	1.3	1.4	3.3	99.7	3.6	86	96	100	94	10	n	10	n	10.0	0.00	0.7	
27	99.1	99.0	97.1	98.4	1.3	97.0	4.3	69	58	69	65	0	—	10	sc	6.7	3.33	1.8	
28	96.0	97.8	96.2	96.7	98.0	95.3	3.3	70	59	65	64	0	—	7	kc, c, s	2.3	8.10	1.9	
29	94.5	98.8	95.6	96.3	99.9	93.5	6.4	68	56	69	64	0	—	0	—	0.0	8.20	1.7	
30	95.8	97.4	92.6	95.3	98.5	92.6	5.9	64	55	71	63	0	—	1	sk	0.3	7.90	2.2	
31	91.7	93.5	91.5	92.2	94.5	91.0	3.5	64	53	57	58	0	—	2	sk	0.7	8.15	1.7	
平均 Mean	99.5	2.9	0.0	0.8	4.5	97.6	6.9	61	59	58	56.7			6.1		3.5	4.1	179.05	67.6

* 風力ノ更正 Reduction to standard gravity..... - 0.4
 海面ノ更正 Reduction to mean sea level..... + 7.6

鞍山

ANSHAN.

昭和七年十二月

DECEMBER, 1932.

日 Day	氣 壓 * (耗) AIR PRESSURE. (mm) (700 mm +)				風ノ方向及速度 (米,秒) DIRECTION AND VELOCITY (m/sec) OF WIND.								降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)			
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	二十四時 平均 Mean for 24h	21-5 ^h	5-13 ^h	13-21 ^h	總計 Total				
1	61.0	65.5	70.9	65.8	WSW	5.0	NNW	4.7	ENE	2.1	3.5	—	—			
2	72.6	71.8	69.0	71.1	S	1.2	NNE	2.0	SE	1.5	1.5	—	—			
3	67.5	65.7	68.2	67.1	SW	1.4	WSW	2.1	NNW	2.0	2.7	—	—			
4	70.0	71.7	70.0	70.9	—	0.0	NE	0.8	SW	0.7	1.1	—	—			
5	66.3	67.1	68.0	67.1	SSW	1.2	NNE	3.6	N	2.8	1.5	—	—			
6	67.8	66.8	66.6	67.1	W	1.8	E	1.6	SE	2.3	1.5	—	—			
7	63.5	64.1	64.3	64.0	—	0.0	NNE	3.8	N	2.1	1.9	—	—			
8	66.2	65.4	68.2	66.6	SW	1.7	W	2.4	SSW	2.3	1.7	—	—			
9	68.4	70.4	70.3	69.7	SSW	2.3	WSW	3.4	SSW	1.5	1.6	—	—			
10	70.1	67.1	66.2	67.8	SW	4.1	SW	7.8	SW	5.3	5.6	—	—			
11	64.3	63.1	65.9	64.4	WSW	2.6	NNW	4.4	N	6.4	4.6	—	—			
12	67.1	68.9	70.8	68.9	N	5.3	N	7.0	SW	1.8	4.9	—	—			
13	68.9	64.4	67.1	66.8	SW	2.0	W	3.5	NNE	1.5	2.9	—	—			
14	70.0	71.4	68.8	70.1	NW	2.8	N	2.6	SW	4.3	2.7	—	—			
15	67.6	67.5	67.3	67.5	NW	1.8	E	1.4	ESE	1.2	1.1	—	—			
16	66.5	63.9	64.9	65.1	S	0.6	SW	7.6	SW	4.7	4.1	—	—			
17	65.6	64.5	63.8	64.6	SW	1.1	SW	5.8	SSW	4.1	3.4	—	—			
18	64.1	64.6	67.7	65.5	SW	2.0	N	3.4	NE	3.8	3.6	—	—			
19	64.5	64.8	66.4	65.2	NNE	3.3	N	2.9	SW	1.2	3.0	—	—			
20	67.7	68.7	71.8	69.4	SSW	2.8	NNW	3.8	E	6.7	1.6	1.1	2.4			
21	67.5	68.0	73.4	69.6	SSE	1.8	WSW	4.7	NNE	3.0	3.0	—	—			
22	73.9	73.7	73.1	73.6	E	0.6	SE	0.7	—	0.3	0.8	—	—			
23	69.8	68.9	69.3	69.3	—	0.0	SW	4.4	WSW	1.6	2.6	—	—			
24	74.8	75.0	75.8	75.2	E	1.1	ENE	3.8	NNE	2.9	2.1	—	—			
25	73.5	71.2	69.4	71.4	NE	4.1	NE	3.8	—	0.0	2.5	—	—			
26	68.5	68.6	67.4	68.2	—	0.3	SSW	0.5	—	0.0	0.8	—	—			
27	69.8	69.1	68.5	69.1	NNE	3.8	NNW	2.0	N	2.9	3.0	—	—			
28	68.2	67.8	67.6	67.9	N	5.8	N	5.3	N	2.1	4.4	—	—			
29	68.3	68.1	68.3	68.2	ENE	1.5	E	2.3	ESE	1.8	1.5	—	—			
30	70.3	72.5	74.5	72.4	—	0.0	NNE	4.1	NNE	3.8	3.1	—	—			
31	73.4	75.1	75.7	75.4	NE	2.3	NNE	5.3	ENE	2.4	3.0	—	—			
平均 Mean	68.4	68.2	69.0	68.5		2.1		3.6		2.4	2.6	1.1	2.6	2.4		

日 Day	氣 溫 (攝氏) AIR TEMPERATURE. (°C)					濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日 照 時 數 NO. OF HOURS WITH SUNSHINE.	蒸 發 量 (耗) AMOUNT OF EVAPORATION.				
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較 差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h			21 ^h	平均 Mean		
1	4.5	4.4	96.1	1.7	4.9	94.8	10.1	67	37	68	57	0	—	0	—	0.0	7.60	2.7	
2	91.4	90.8	95.0	95.4	0.3	89.6	10.7	86	57	56	64	0	—	0	—	2.0	7.20	2.2	
3	98.2	0.8	98.8	90.3	2.7	93.1	0.6	66	91	85	85	10	sk	10	sk	10.0	0.00	1.8	
4	93.4	99.1	95.0	95.8	99.9	89.1	10.8	82	65	82	79	0	—	7	—	2.3	5.00	0.9	
5	93.6	0.6	97.4	97.2	0.7	92.1	8.6	76	45	72	64	0	—	3	sk	1.0	5.30	1.4	
6	92.7	97.6	95.6	95.3	98.8	90.5	8.3	69	42	64	58	0	—	0	sk	1.3	8.30	1.5	
7	90.5	98.0	93.4	94.0	98.6	90.1	8.5	82	43	79	68	0	—	6	sk	2.0	7.80	1.6	
8	88.4	0.1	94.6	94.2	1.1	88.1	13.0	84	35	79	69	0	—	0	sk	0.0	8.00	1.7	
9	92.5	3.8	95.9	97.4	4.4	93.4	14.0	84	42	73	67	0	—	0	—	0.0	7.90	1.9	
10	1.5	7.2	5.0	4.6	7.7	95.7	12.0	82	41	62	61	0	—	4	sk	4.7	1.50	3.5	
11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
12	1.2	5.4	96.8	1.1	5.9	96.5	9.4	73	28	53	51	0	—	6	sk	3.3	6.70	3.9	
13	90.4	89.7	87.0	89.0	97.0	86.5	10.5	70	61	48	57	10	sk	10	sk	6.7	1.90	1.6	
14	87.8	2.6	94.4	94.9	3.3	86.6	17.3	63	57	45	54	0	—	4	sk	1.7	8.10	2.8	
15	90.4	95.0	92.4	92.6	96.6	89.9	6.7	65	50	55	57	0	—	0	—	0.0	8.00	1.6	
16	93.1	1.6	94.7	96.3	2.2	89.9	12.3	69	42	56	59	0	—	2	sk	0.7	8.20	1.8	
17	95.9	7.5	2.4	1.9	7.9	92.9	15.0	68	32	54	51	0	—	0	—	0.0	8.10	3.6	
18	98.7	9.9	4.4	4.3	10.1	97.8	12.3	58	33	55	49	0	—	6	sk	2.0	7.60	3.1	
19	1.8	7.3	98.7	2.6	9.9	97.6	12.3	64	76	64	66	0	—	6	sk	4.6	2.30	2.1	
20	94.7	94.8	87.6	92.4	98.7	87.4	11.3	100	66	91	86	10	n	10	sk	6.7	1.90	1.1	
21	84.6	92.4	86.0	87.7	92.9	84.6	8.9	89	74	76	80	0	—	0	—	0.0	7.90	1.8	
22	92.8	0.2	91.6	94.9	1.5	83.7	17.8	50	56	67	58	6	—	2	sk	6.7	5.50	1.6	
23	85.3	94.1	88.1	89.2	95.0	82.5	12.5	76	34	71	66	0	—	0	—	0.0	8.10	1.1	
24	89.8	90.6	96.6	95.3	0.1	86.7	13.4	81	59	84	75	10	sk	10	sk	6.7	0.00	1.2	
25	86.8	91.4	87.7	88.6	96.9	85.6	11.3	91	73	96	87	0	—	0	—	0.0	7.30	1.1	
26	85.3	94.4	90.4	90.0	95.5	84.6	11.5	95	61	85	80	0	—	2	sk	4.0	5.00	1.5	
27	94.7	99.6	98.9	97.7	99.9	89.9	10.0	82	72	93	82	10	sk	10	sk	10.0	0.00	0.7	
28	90.3	96.2	93.9	93.5	99.2	87.4	11.8	71	53	73	66	0	—	6	sk	2.0	5.30	2.2	
29	92.1	95.5	91.3	93.0	95.7	90.5	5.2	73	46	69	63	0	—	8	sk	2.7	3.90	1.6	
30	96.0	92.1	88.3	88.8	98.5	84.0	14.5	76	65	76	72	0	—	0	—	0.6	7.90	1.5	
31	84.6	92.6	87.2	88.1	93.7	83.5	10.2	80	56	66	67	0	—	0	—	0.0	7.80	1.4	
平均 Mean	82.4	90.8	85.1	86.1	90.8	81.2	9.6	77	66	71	71	0	—	0	—	0.0	7.80	2.0	
平均 Mean	92.1	98.8	93.9	94.9	0.3	89.1	11.3	76	53	70	66	1.6		3.6		2.0	2.4	177.90	58.5

* 重力ノ更正 Reduction to standard gravity 0.3
海面へノ更正 Reduction to mean sea level 3.8

鄭家屯

CHENGCHIATUN.

昭和七年十二月

DECEMBER, 1932.

日 Day	氣 壓 * (耗) AIR PRESSURE. (mm) (700 mm +)				風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.								降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)				
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	二十四時 間平均 Mean for 24h.	21-5 ^h	5-13 ^h	13-21 ^h	總計 Total					
1	53.7	58.2	63.7	58.5	NW	1.8	NNE	5.6	ENE	0.9	4.9						
2	64.4	62.9	62.0	63.1	—	0.2	S	0.9	SSW	1.0	0.9						
3	59.9	57.2	59.5	58.9	S	2.0	WSW	1.5	SW	0.7	1.2						
4	60.8	60.5	61.4	60.9	NNW	2.2	S	2.7	SW	2.0	1.9						
5	58.5	57.1	59.1	58.2	WSW	2.0	NW	4.7	NW	2.8	2.7						
6	57.5	57.5	58.0	57.7	NW	3.1	NNE	2.5	SSW	0.8	2.2						
7	56.9	55.0	55.6	55.2	WNW	1.9	N	4.1	—	0.3	1.7						
8	55.9	55.6	58.6	56.7	WNW	1.3	WSW	4.1	W	2.6	1.7						
9	59.8	60.5	61.9	60.7	WNW	1.1	W	4.3	SW	2.3	2.0						
10	60.1	57.7	54.3	57.7	S	1.8	SW	9.5	WSW	9.3	5.6						
11	53.8	54.6	57.4	55.3	W	4.8	NW	8.4	NNW	9.3	6.3						
12	58.2	58.0	60.6	58.9	NNW	3.7	N	6.3	W	2.5	5.9						
13	59.1	59.3	58.8	58.1	SW	1.7	W	3.2	SW	0.9	2.0						
14	61.7	61.2	58.3	60.4	N	3.4	WNW	4.1	W	3.3	2.8						
15	59.7	58.5	59.0	59.1	NW	1.0	W	3.5	SW	2.3	1.8						
16	57.4	53.3	55.7	55.5	SSW	1.5	WSW	9.5	WSW	4.5	4.1						
17	58.8	56.2	54.9	56.6	—	0.0	SW	3.0	SSE	3.6	1.5						
18	56.1	58.6	61.1	58.6	NW	3.4	NNE	5.3	NNE	3.0	2.8						
19	58.5	56.0	57.0	57.2	NNE	4.1	N	4.4	—	0.1	3.3						
20	57.7	59.0	62.6	59.8	—	0.0	NNW	4.4	—	0.2	1.9	0.4				0.4	
21	59.8	58.4	64.6	60.9	SSW	2.5	NW	6.2	NNW	8.2	4.0						
22	65.2	64.0	64.0	64.4	—	0.4	W	3.9	WSW	1.1	2.6						
23	62.7	60.5	63.2	62.1	SSW	1.2	S	2.5	N	3.4	1.5						
24	67.9	68.6	69.2	68.6	NNW	4.3	NE	1.5	SSW	0.9	2.3						
25	68.3	65.2	63.4	65.6	—	0.0	SSE	1.6	E	0.6	0.8						
26	60.7	58.5	59.5	59.6	—	0.2	SW	1.1	—	0.1	0.9						
27	61.9	62.1	64.7	62.9	N	2.2	NNE	3.6	NE	3.7	2.9						
28	64.7	61.6	61.9	62.7	NNE	3.9	NNE	6.5	NNE	4.0	4.4						
29	61.3	60.0	62.1	61.1	N	1.6	N	2.5	NNW	0.6	2.2						
30	63.4	65.0	67.2	65.2	NNW	1.8	N	6.7	N	1.2	2.9						
31	67.6	67.1	67.8	67.5	NNE	4.1	NNE	6.4	NNW	1.1	3.0						
平均 Mean	60.4	59.4	60.9	60.2		2.0		4.3		2.5	2.7	0.4		0.0		0.1	0.5

日 Day	氣 溫 (攝氏) AIR TEMPERATURE. (°C)						濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日 照 時 數 NO. OF HOURS WITH SUNSHINE.	蒸 發 量 (耗) AMOUNT OF EVAPORANT (mm)			
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h			平均 Mean		
1	95.0	98.0	92.6	95.5	1.2	92.0	9.2	91	66	81	79	0	—	0	0	0.0	4.46	1.7	
2	86.4	99.7	93.3	93.1	0.6	85.6	15.0	91	54	79	75	0	—	0	0	0.0	6.38	1.7	
3	93.7	0.2	91.5	95.1	0.3	91.1	9.2	84	52	80	72	10	n	10	0	6.7	0.33	1.0	
4	90.2	0.6	92.5	94.4	2.4	88.1	14.3	89	59	90	79	0	—	1	0	0.3	7.77	1.8	
5	90.3	99.4	92.0	93.9	0.0	89.1	10.9	89	59	90	73	0	—	2	0	0.7	7.10	2.1	
6	87.1	96.0	88.2	90.4	96.6	86.2	10.4	91	27	84	67	0	—	1	c	1.7	7.77	1.5	
7	89.9	95.6	88.1	91.2	97.0	87.8	9.2	85	61	84	77	0	—	1	c	0.3	6.75	1.7	
8	85.4	98.3	91.3	91.7	98.7	84.5	14.2	90	51	86	68	0	—	0	0	0.0	7.49	1.6	
9	87.7	1.1	92.7	93.8	2.0	85.4	16.6	87	57	86	70	0	—	0	0	6.0	8.17	1.9	
10	90.9	5.0	2.7	90.5	5.9	90.8	15.1	85	42	69	65	0	—	10	n	7	1.66	3.4	
11	97.5	99.7	91.2	96.1	3.1	91.1	12.0	82	71	76	76	0	—	0	0	3.3	7.90	3.3	
12	84.8	87.1	85.3	85.7	92.0	83.3	8.7	84	25	86	65	0	—	0	0	0.0	7.87	1.3	
13	82.9	93.1	90.7	88.9	94.1	82.2	11.9	89	23	57	59	0	—	8	n	10	6.0	4.34	1.2
14	85.3	93.7	88.9	89.3	95.3	83.8	11.5	90	31	69	63	0	—	0	0	0.0	8.00	1.6	
15	85.8	97.6	91.0	91.5	99.1	84.5	14.6	86	46	67	63	0	—	0	0	0.0	7.89	1.8	
16	88.1	3.2	98.0	96.4	4.6	87.5	17.1	84	52	75	70	0	—	7	c	2.3	6.35	2.0	
17	88.5	1.7	96.9	95.7	3.3	87.3	16.0	91	52	95	79	0	—	7	c	4.3	5.75	1.3	
18	96.3	96.8	94.4	95.8	98.7	88.5	10.2	97	63	88	83	10	cs, sv	10	kc, n	10.0	2.54	1.5	
19	91.2	92.2	89.4	90.9	95.0	89.3	5.7	95	75	88	79	10	n	10	n	8.0	0.00	0.8	
20	83.6	90.9	83.4	86.0	91.7	83.0	8.7	89	57	89	78	0	—	0	0	0.0	7.52	1.3	
21	82.2	93.7	88.4	88.1	94.5	81.9	12.6	94	58	84	79	0	—	0	0	0.0	8.29	1.9	
22	82.8	92.9	83.4	86.4	94.9	80.2	14.7	82	53	78	70	0	—	0	0	0.0	8.53	1.5	
23	81.6	95.8	89.3	88.9	96.1	80.9	15.2	87	64	85	79	0	—	10	kc, kn	0	3.3	3.83	1.2
24	82.1	91.7	83.0	85.6	93.8	80.7	13.1	88	48	83	73	0	—	0	0	0.0	7.81	1.5	
25	82.1	96.5	90.3	89.6	98.1	81.0	17.1	88	65	79	77	0	—	1	c	0.3	6.58	1.6	
26	88.2	97.1	90.7	92.0	98.3	87.2	11.1	84	42	63	63	0	—	10	n	0	3.3	2.00	1.2
27	86.4	93.7	89.7	90.9	97.5	85.8	11.7	86	56	77	73	0	—	0	0	0.0	7.23	1.5	
28	86.2	93.1	88.7	89.3	94.2	85.8	8.4	91	50	69	70	0	—	10	c	3.3	5.15	1.2	
29	83.2	92.1	87.2	87.5	94.3	81.8	12.5	83	67	87	81	0	—	0	0	0.0	7.75	1.3	
30	82.7	88.9	82.9	84.8	90.1	82.0	8.1	89	69	77	78	0	—	9	kc	3.0	2.86	1.0	
31	80.0	88.9	82.2	83.7	89.3	79.6	9.5	93	62	86	81	0	—	2	c	0.7	7.65	0.9	
平均 Mean	87.0	96.1	90.0	91.0	97.5	85.4	12.7		53	78	73	1.0		3.5		1.6	2.0	183.63	49.3

Reduction to standard gravity..... 0.1

Reduction to mean sea level..... 4 11.5

洗 南
TAONAN.

昭和七年十二月

DECEMBER, 1932.

日 Day	氣 壓 * (耗) AIR PRESSURE. (mm) (700 mm +)				風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.							降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)						
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	二十四時 平均 Mean for 24h.	21-5 ^h	5-13 ^h	13-21 ^h	總計 Total						
1	47.7	53.3	57.5	52.8	NNW	5.3												
2	58.4	54.9	54.4	55.9	NNE	2.3												
3	52.1	51.7	52.7	52.2	—	0.2												
4	53.2	54.9	53.8	54.0	W	1.5												
5	51.3	51.1	51.8	51.4	SW	1.1												
6	51.5	49.4	50.8	50.6	—	0.2												
7	50.4	50.8	50.7	50.6	WNW	2.0												
8	50.4	49.2	51.7	50.4	NW	2.6												
9	51.6	53.5	53.2	52.8	WSW	3.5												
10	53.0	42.3	45.1	46.8	SW	2.0												
11	45.1	47.8	50.6	47.8	SW	7.0												
12	48.8	52.6	51.4	50.9	WSW	3.3												
13	50.9	47.3	51.1	49.8	WNW	2.4												
14	54.0	52.2	50.0	52.1	WNW	2.6												
15	51.3	51.8	50.7	51.3	WNW	2.0												
16	48.5	44.8	50.0	47.8	SSW	3.2												
17	52.2	52.6	49.0	51.3	WSW	0.7												
18	52.1	55.0	56.3	54.5	NW	3.7												
19	53.3	51.3	51.7	52.1	NNW	5.0												
20	50.4	53.0	53.7	52.4	WNW	1.5											0.2	
21	51.4	51.0	57.2	53.2	S	2.5												
22	56.8	56.7	55.8	56.4	SW	5.5												
23	53.4	54.4	57.6	55.1	SW	0.5												
24	59.5	61.2	60.5	60.1	NNW	1.9												
25	58.3	58.0	57.2	57.8	WSW	1.4												
26	54.0	50.5	52.9	52.5	SW	1.8											0.1	
27	54.9	59.3	58.8	57.7	SW	3.8												
28	58.0	56.6	57.1	57.3	NNW	4.6												
29	53.9	53.7	54.8	54.1	NNW	1.7												
30	54.8	59.0	58.4	57.4	NW	4.4											0.1	
31	61.2	59.8	59.4	60.1	WNW	4.7												
平均 Mean	53.0	52.9	53.7	53.2		2.8											0.1	0.4

日 Day	氣 溫 (攝氏) AIR TEMPERATURE. (°C)							濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日 照 時 數 NO. OF HOURS WITH SUNSHINE.	蒸 發 量 (耗) AMOUNT OF EVAPORATION (mm)			
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	平均 Mean					
1	89.5	94.3	88.5	90.8	95.8	85.0	10.2	75	48	55	58	0	—	2	0	0	0.7	2.75	0.5	
2	83.9	98.7	93.5	92.0	99.0	82.0	17.0	89	36	60	62	2	sk	2	0	—	1.3	7.80	1.7	
3	90.9	1.2	92.5	94.9	2.4	88.9	13.5	69	55	63	62	0	—	0	0	—	0.0	7.35	1.5	
4	89.4	0.6	93.1	94.4	1.4	88.1	13.3	77	42	63	61	0	—	0	0	—	0.0	6.50	1.4	
5	88.8	98.9	92.9	93.5	99.2	87.4	11.8	49	36	63	49	0	—	2	10	n	4.0	7.60	2.5	
6	85.8	95.7	89.6	93.4	96.4	84.6	11.8	69	31	61	54	0	—	0	0	—	0.0	7.60	1.6	
7	87.6	94.4	87.2	89.7	95.3	85.0	10.3	87	46	79	68	0	—	0	0	—	0.0	7.55	1.2	
8	84.6	96.4	89.0	90.0	97.6	83.2	14.4	44	43	74	53	0	—	7	0	—	2.3	5.60	1.0	
9	86.0	0.6	92.5	93.0	2.2	84.9	17.3	86	55	61	67	0	—	0	0	—	0.0	7.95	1.8	
10	89.0	0.7	96.4	95.4	1.4	88.1	13.3	59	34	67	53	0	—	9	3	kc	4.0	2.20	2.6	
11	93.6	96.5	87.7	92.6	97.5	87.7	9.8	88	34	26	49	0	—	9	0	n	6.3	4.80	2.5	
12	80.2	89.8	85.1	88.4	91.0	79.4	11.6	86	37	57	58	0	—	0	0	—	0.0	7.80	1.7	
13	81.7	93.3	82.2	85.7	94.1	80.0	14.1	77	29	51	52	0	—	1	1	cc	—	—	—	
14	83.1	94.1	89.9	89.0	96.0	80.4	15.6	83	34	34	51	0	—	1	1	cc	—	—	—	
15	83.6	98.2	90.4	90.7	98.7	82.8	15.9	76	26	60	54	0	—	0	0	—	—	—	—	
16	87.7	0.4	93.3	93.8	0.6	82.4	18.2	71	23	58	51	3	s	8	8	n	—	—	—	
17	87.1	98.6	90.1	91.9	98.9	85.8	13.1	87	53	57	65	0	—	5	5	cc	—	—	—	
18	88.4	95.6	91.5	91.8	96.4	88.2	8.2	84	33	67	68	0	—	3	3	cc	—	—	—	
19	90.1	92.6	88.6	90.4	92.9	88.5	4.4	61	58	92	70	10	n	7	7	cc	—	—	—	
20	85.9	90.1	83.9	86.6	90.9	83.6	7.3	65	54	80	66	0	—	0	0	—	—	—	—	
21	81.8	91.9	84.3	86.0	92.9	80.3	12.6	61	45	56	54	0	—	0	0	—	0.0	7.40	1.2	
22	81.0	92.2	85.1	86.1	93.3	80.4	12.9	76	33	55	53	0	—	1	1	cc	0.3	7.80	1.2	
23	79.7	89.6	83.5	84.3	90.2	78.4	11.8	61	57	75	64	0	—	6	6	cc	2.0	6.00	0.8	
24	78.5	95.1	85.6	86.4	95.6	78.2	17.4	68	38	58	55	0	—	0	0	—	0.0	7.90	1.2	
25	81.5	94.7	90.0	88.7	96.0	80.5	15.5	58	42	48	49	0	—	6	8	n	4.7	6.80	1.5	
26	89.8	96.0	91.9	92.6	96.5	88.9	7.6	64	42	65	57	0	—	9	9	n	3.0	2.00	1.1	
27	87.1	93.7	87.9	89.6	92.2	85.4	8.8	61	55	72	63	0	—	0	0	—	0.0	6.90	1.1	
28	84.9	90.1	86.9	87.3	95.6	84.6	6.0	52	51	71	68	0	—	10	10	cs	3.3	2.30	1.2	
29	82.8	91.0	86.9	86.9	92.3	81.0	11.3	41	57	79	59	0	—	0	0	—	0.0	7.80	1.0	
30	84.8	88.5	84.8	86.0	89.6	83.4	6.2	29	55	58	44	0	—	0	0	—	0.0	7.10	0.9	
31	81.1	89.2	84.7	85.0	89.8	79.9	9.9	27	49	61	46	0	—	0	0	—	0.0	7.50	1.0	
平均 Mean	85.5	94.9	89.0	89.8	95.8	83.8	12.1	66	43	63	57	0.5					2.8			

* 重力ノ更正 Reduction to standard gravity
海面へノ更正 Reduction to mean sea level

日 Day	氣 壓 * (耗) AIR PRESSURE. (mm) (700 mm +)				風ノ方向及速度 (米秒) DIRECTION AND VELOCITY (m/sec) OF WIND.								降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)				
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	二十四時 間平均 Mean for 24h.	5 ^h	13 ^h	21 ^h	二十四時 間平均 Mean for 24h.	21-5 ^h	5-13 ^h	13-21 ^h	總計 Total	
1	49.0	54.0	62.2	55.1	N	1.6	NNW	5.5	N	1.5	3.9						
2	62.7	60.2	59.9	60.9	SSE	1.2	SW	3.0	S	2.1	1.1						
3	53.8	54.9	55.7	55.8	S	4.1	SW	4.7	SW	3.5	3.3						
4	53.5	53.9	59.4	57.3	SW	1.8	W	2.1	S	2.9	2.1						
5	55.0	52.6	51.5	53.2	S	4.6	SW	3.5	WNW	2.9	3.2						
6	52.3	55.4	55.4	54.4	WNW	2.8	WNW	3.0		0.0	1.6	0.7				0.7	
7	55.0	53.3	53.2	53.8		0.3	SSW	0.7		0.0	0.7						
8	52.9	53.5	55.5	54.0		0.2	SW	2.6	SW	1.5	1.4						
9	56.3	56.5	56.2	56.3		2.3	SW	0.4	SSW	5.5	3.2						
10	56.8	53.7	49.7	53.4	SSW	4.1	SSW	5.6	SSW	7.6	5.2				0.0	0.0	
11	47.1	48.6	51.9	49.2	SSW	5.3	W	7.3	NW	5.1	6.3						
12	53.3	53.0	54.7	53.7	WSW	3.5	W	6.3	WSW	2.3	4.1						
13	54.6	54.2	54.9	54.6	WSW	2.2	WSW	5.6		0.0	2.4						
14	56.0	55.7	52.8	54.8	NW	3.4	WSW	6.2	SW	2.7	3.5						
15	53.7	54.8	54.2	54.2	W	0.7	W	3.5	SW	3.6	3.1						
16	53.1	50.2	51.9	51.7	SW	4.7	SW	6.4	WSW	3.4	5.5						
17	53.7	56.4	53.6	55.6		0.0	ESE	2.9	E	2.3	1.6						
18	52.0	51.1	58.4	53.8	WSW	3.8	NNE	2.7	ESE	2.6	2.3						
19	56.4	52.5	51.6	53.6	ESE	2.9	ESE	4.8		0.4	3.4		0.0		1.1	1.1	
20	50.8	53.3	58.3	54.1	WNW	2.0	NNW	4.7	WSW	1.4	2.5	1.8		1.4	0.1	3.3	
21	58.6	54.0	56.9	56.5	SSW	2.2	S	4.7	W	3.5	3.3						
22	60.1	60.0	61.0	60.4	WSW	4.0	WSW	3.7	SSW	0.7	3.3						
23	60.5	60.3	61.2	60.7	S	1.8		0.1		0.1	1.1						
24	64.1	64.5	64.8	64.5		0.1	SW	5.3	SSW	2.2	1.5						
25	65.1	64.4	63.0	64.2	S	2.0	S	2.0	ESE	0.5	2.1						
26	60.0	57.4	56.2	57.9		0.1		0.0		0.0	0.5						
27	58.0	59.6	63.0	60.2	N	1.1	NW	2.8	NNE	1.4	1.0						
28	62.0	61.2	59.9	61.0	NNE	1.9	NE	1.6	ESE	1.2	1.2						
29	57.8	57.4	57.4	57.5	NE	1.2	SW	0.5	S	1.2	1.0		0.0		0.5	0.5	
30	59.1	60.7	62.3	60.7	WSW	0.8	NNW	4.3	NW	3.4	2.1						
31	62.7	63.4	62.8	63.0	NW	2.1	NNW	2.6	SW	1.3	1.8						
平均 Mean	56.5	56.3	57.1	56.6		2.2		3.7		2.2	2.6	2.5	1.4	1.7	5.6		

日 Day	氣 溫 (攝氏) AIR TEMPERATURE. (°C)						濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日照時數 NO. OF HOURS OF SUNSHINE.	蒸發量 (毫米) AMOUNT OF EVAPORATION			
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h			平均 Mean		
1	90.8	89.0	88.6	89.5	90.2	87.6	8.6	93	85	76	83	8	c	10	kc, cs	0	6.0	0.66	0.8
2	81.8	95.0	89.6	88.8	95.8	81.0	14.8	82	61	77	73	0	c	0		0	0.0	7.60	1.3
3	89.7	1.0	92.0	94.2	1.2	89.3	11.9	81	53	75	70	0	c	1		0	0.3	7.40	1.3
4	89.6	96.6	91.9	92.7	98.6	87.7	10.9	89	68	77	77	0	c	8	cs	0	2.7	7.40	0.1
5	90.0	97.2	94.2	93.8	97.3	89.9	7.1	82	69	85	79	0	c	10	kc	0	3.3	1.50	0.8
6	89.9	92.4	85.6	89.3	94.2	85.3	8.9	96	74	91	87	8	sc	1	ck, e	0	3.0	6.90	1.0
7	82.4	95.2	88.9	88.8	95.6	82.2	13.4	94	57	92	81	0	c	9	sc, kc	0	3.0	2.34	0.6
8	83.7	95.3	89.4	89.5	95.9	82.6	13.3	94	54	77	75	1	c	1		0	0.7	6.35	1.1
9	86.6	99.4	93.0	93.0	99.4	86.2	13.2	86	67	75	77	0	c	0		0	0.0	7.07	0.5
10	91.4	1.1	1.2	97.9	1.9	88.5	13.4	80	68	73	74	0	c	10	sc	10	6.7	2.20	2.1
11	97.1	97.8	89.7	94.9	2.2	89.7	12.5	71	65	74	68	0	c	3		6	3.0	6.80	1.6
12	84.3	86.0	83.6	85.3	90.4	83.6	6.8	55	60	68	61	1	c	1	sc, kc	3	1.7	4.00	0.9
13	80.8	89.2	84.7	84.9	89.7	80.6	9.1	81	48	63	63	1	c	3		10	4.7	6.50	0.9
14	82.5	90.6	89.2	87.4	91.2	81.8	9.4	77	48	49	58	0	c	0		10	3.3	6.30	1.1
15	84.2	94.2	90.6	89.7	94.4	83.2	11.2	75	65	62	67	0	c	0		0	0.0	7.65	1.5
16	89.2	1.4	96.0	95.5	2.2	89.0	13.2	55	57	62	59	0	c	7	sc, cs	0	2.3	5.65	1.5
17	87.6	98.1	91.6	92.4	98.5	86.2	12.3	87	75	70	77	0	c	2		4	2.0	6.37	1.3
18	92.8	95.4	94.6	94.3	95.9	89.0	6.9	97	88	89	85	7	c, cs	10		10	9.0	6.30	1.1
19	93.0	92.9	93.6	93.2	95.2	91.9	3.3	63	63	91	74	10	sc, sk	10		10	0.0	7.30	0.3
20	87.0	83.6	80.6	84.4	87.5	80.6	6.9	91	86	83	87	10	sc, n	10		0	6.7	0.70	0.7
21	78.2	88.2	85.6	84.0	88.6	77.0	11.6	84	59	72	70	2	c	7		0	3.0	5.91	0.7
22	80.7	89.0	80.2	83.3	89.5	80.0	9.5	76	61	80	72	0	c	0		0	0.0	7.30	0.6
23	78.7	89.0	82.6	83.4	89.1	78.0	11.1	78	62	77	72	0	c	3		0	1.0	7.10	0.6
24	76.3	89.1	82.6	82.7	89.9	75.8	14.1	81	59	71	70	0	c	0		0	0.0	7.30	0.9
25	80.4	89.2	81.3	84.6	89.8	79.6	10.2	75	62	75	70	0	c	10		0	3.3	6.15	0.7
26	84.6	82.9	90.3	89.3	91.6	83.4	10.2	75	65	75	72	3	c	9	sc	9	7.0	3.90	0.6
27	87.6	94.2	84.0	88.6	94.3	81.6	12.7	83	60	89	77	0	c	0		0	0.0	6.80	0.7
28	81.8	86.1	84.7	84.2	87.1	81.0	6.1	81	82	80	81	0	c	10		7	5.7	5.10	0.8
29	82.8	90.4	83.7	85.4	91.3	82.3	9.0	82	69	89	80	5	sc	10		0	5.0	5.13	0.6
30	80.8	84.6	82.1	82.6	86.3	80.6	5.7	87	83	82	83	0	c	10		0	3.3	2.30	0.1
31	83.9	83.9	80.8	81.9	84.3	78.3	6.0	93	74	87	83	0	c	10		0	0.0	6.60	0.5
平均 Mean	85.4	92.7	88.0	88.7	93.8	83.7	10.1	61	65	77	74	1.8		5.0		2.5	3.1	163.34	27.5

* 重力ノ更正 Reduction to standard gravity.....+ 0.1
 海面へノ更正 Reduction to mean sea level.....+ 14.6

齊 哈 爾

TSITSIHAR.

昭和七年十二月

DECEMBER, 1932.

日 Day	氣 壓 * (耗) AIR PRESSURE. (mm) (700 mm +)				風 の 方 向 及 速 度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.								降 水 量 (耗) AMOUNT OF PRECIPITATION. (mm)				
	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	平均 Mean	21 ^h	二十 四 時 間 平 均 Mean for 24h.	21-5 ^h	5-13 ^h	13-21 ^h	總計 Total			
1	52.8	55.7	59.7	56.1	NNE	5.0	NNE	4.8	W	0.9	3.6						
2	60.3	57.1	55.5	57.6	SW	1.6	SW	2.8	S	2.7	2.4						
3	53.5	51.5	52.9	52.6	SW	2.6	WSW	5.6	NW	3.4	3.9						
4	53.2	55.2	54.9	54.4	WNW	1.1	SW	2.2	SSW	1.6	1.6						
5	52.6	51.5	53.2	52.4	NW	2.9	NNW	2.8	NNW	3.4	3.0						
6	52.5	52.2	52.8	52.5	NW	2.2	WSW	0.9	SE	2.5	1.9						
7	53.5	52.3	51.6	52.5	—	0.0	NNW	1.5	S	1.0	0.8						
8	50.8	50.6	53.0	51.5	—	0.0	NW	0.5	—	0.3	0.3						
9	51.8	52.9	53.6	52.8	SW	1.1	WSW	1.9	—	0.0	1.0						
10	50.7	47.4	43.2	47.1	—	0.0	S	1.2	W	2.5	1.2						
11	42.9	45.9	50.9	46.6	W	6.0	WNW	10.0	WNW	12.3	9.4						
12	51.2	51.5	53.5	52.1	W	1.4	NW	6.0	WNW	2.7	3.4						
13	52.8	51.7	54.7	53.1	SW	0.6	NW	2.1	NNW	1.8	1.5						
14	55.3	52.4	51.9	53.2	—	0.0	W	4.1	—	0.0	1.4						
15	52.0	51.7	50.5	51.4	—	0.0	—	0.0	—	0.0	0.0						
16	45.5	44.2	50.8	46.8	—	0.0	WNW	3.0	WNW	7.5	3.5						
17	53.3	54.9	52.6	53.6	NNW	3.6	E	1.5	ESE	1.6	2.2						
18	56.2	57.7	59.9	57.9	N	3.0	N	4.8	NNE	5.4	4.4						
19	56.7	54.3	53.0	54.7	NNE	4.7	N	6.2	NNE	5.6	5.5						
20	54.5	54.2	56.2	55.0	N	3.6	N	2.2	—	0.4	2.1						
21	52.4	50.7	55.6	52.9	—	0.0	NW	3.3	—	0.0	1.1						
22	57.7	58.1	58.2	58.0	WSW	2.2	WNW	3.5	SSW	0.5	2.1						
23	59.9	59.5	60.9	61.1	ESE	1.5	NNE	4.0	SSW	3.4	3.0						
24	62.3	61.3	62.1	61.9	WSW	2.2	W	4.0	NW	2.6	2.9						
25	62.6	61.0	59.8	61.1	E	0.8	SSE	1.9	S	2.5	1.7						
26	57.0	55.2	55.8	56.0	SSE	3.3	S	2.3	NNE	2.7	2.8						
27	59.4	60.4	62.3	60.7	—	0.0	NNW	7.5	NNE	3.4	3.6						
28	62.2	60.6	59.7	60.8	NNE	3.1	N	2.0	—	0.0	1.4						
29	57.8	56.2	58.2	57.4	—	0.0	N	4.8	N	4.9	3.2						
30	60.9	60.7	62.5	61.4	—	0.0	NNW	5.8	NW	1.9	2.6						
31	63.0	63.3	63.0	63.1	—	0.0	N	7.2	W	2.7	3.3						
平均 Mean	55.1	54.6	55.0	55.1		1.7		3.6		2.6	2.6						

日 Day	氣 溫 (攝氏) AIR TEMPERATURE. (°C)							濕 度 (百分率) REL. HUMIDITY. (%)				雲 量 (0-10) 及 雲 形 AMOUNT (0-10) AND FORMS OF CLOUD.				日 照 時 數 NO. OF HOURS WITH SUNSHINE	蒸 發 量 (耗) AMOUNT OF EVAPORATION.
	5 ^h	13 ^h	21 ^h	平均 Mean	最高 Max.	最低 Min.	較差 Range	5 ^h	13 ^h	21 ^h	平均 Mean	5 ^h	13 ^h	21 ^h	平均 Mean		
1	84.9	87.5	80.6	84.3	88.9	80.6	8.3	76	71	87	78	10	1	0	3.7	5.94	0.6
2	81.3	95.7	89.2	88.7	96.5	81.1	15.4	88	41	77	69	0	0	0	0.0	7.50	0.9
3	96.1	90.9	88.8	91.6	1.0	85.1	15.9	77	42	74	64	1	1	1	1.0	7.90	0.8
4	85.2	98.0	89.7	91.0	93.2	84.8	14.4	86	46	82	71	0	3	3	1.3	7.60	0.7
5	89.4	94.6	87.6	90.5	95.6	86.4	9.2	85	50	80	72	10	4	2	5.3	5.70	0.5
6	82.1	91.5	87.4	87.0	93.1	80.9	12.2	61	51	79	64	0	0	10	3.3	6.90	0.5
7	83.2	90.5	86.4	86.7	92.4	82.6	9.8	89	57	73	71	1	0	0	0.3	7.50	0.5
8	82.5	95.0	86.4	88.0	96.4	82.1	14.3	89	53	82	75	10	1	0	3.7	5.70	0.7
9	95.4	0.2	88.9	91.9	1.4	85.3	16.1	81	36	77	65	1	0	0	0.3	7.60	0.6
10	85.4	95.1	97.5	92.7	98.2	85.1	13.1	91	61	56	73	10	10	10	10.0	0.00	0.7
11	90.0	95.0	85.0	90.0	98.3	85.0	13.3	64	43	44	50	1	10	5	5.3	6.20	1.0
12	80.8	88.0	82.1	83.6	88.9	79.1	9.8	70	46	51	54	0	3	0	1.0	7.45	0.6
13	83.4	90.1	83.0	85.5	91.0	80.5	10.5	58	37	83	59	10	2	0	4.0	3.40	0.8
14	81.4	92.9	86.0	86.7	94.2	80.2	14.0	76	36	73	62	0	3	0	1.0	7.20	0.7
15	81.9	96.2	88.5	88.9	97.7	81.6	16.1	82	36	72	63	0	0	0	0.0	7.70	1.0
16	88.4	98.9	93.9	93.7	99.6	86.5	13.1	76	40	57	58	10	1	0	3.7	0.49	0.9
17	87.4	97.9	90.0	91.8	98.6	87.1	11.5	71	28	69	56	0	5	10	5.0	7.05	1.6
18	88.0	91.9	89.4	90.1	92.7	86.4	6.3	70	67	70	69	10	8	8	9.3	0.00	1.0
19	85.2	88.5	86.0	86.6	90.2	84.9	5.3	63	46	55	54	10	10	10	10.0	4.40	1.0
20	82.4	87.5	82.5	84.1	88.7	82.2	6.5	66	46	71	61	1	0	0	0.3	7.20	0.6
21	82.5	87.8	83.3	84.5	89.5	91.9	7.6	78	60	54	64	4	10	0	4.7	6.60	0.9
22	81.0	88.6	84.0	84.5	89.5	80.0	9.5	64	30	68	53	0	1	0	0.3	7.50	0.6
23	81.5	87.0	82.2	83.6	87.9	80.1	7.8	64	36	66	55	0	1	0	0.3	7.30	0.7
24	78.9	94.1	86.0	86.3	96.0	78.4	17.6	78	32	55	55	2	0	0	0.7	7.30	0.6
25	84.3	91.2	86.4	87.3	92.7	81.6	11.1	75	48	82	68	10	10	0	6.7	7.30	0.7
26	88.0	94.5	90.0	90.8	95.2	86.4	8.8	80	43	96	73	10	10	0	6.7	2.20	0.5
27	83.1	89.3	82.2	84.9	90.7	82.1	8.6	89	52	71	71	0	0	0	0.0	7.10	0.7
28	79.9	86.8	83.6	83.4	88.1	79.3	8.8	80	58	80	73	10	10	7	9.0	5.90	0.5
29	80.9	88.5	83.2	84.2	89.8	80.4	9.4	87	63	78	75	10	1	0	3.3	7.10	0.7
30	81.5	87.1	83.6	84.1	87.8	81.1	6.7	77	46	63	62	2	2	3	2.3	7.50	0.7
31	80.9	87.7	80.7	83.1	88.7	80.2	8.5	64	43	70	59	0	0	0	0.0	7.50	0.6
平均 Mean	83.8	92.2	86.3	87.4	93.5	82.5	11.0	76	47	71	64	4.3			3.5	186.73	22.9

* 重力ノ更正 Reduction to standard gravity + 0.1
海面へノ更正 Reduction to mean sea level + 19.8

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