Kwantung. Meteorological Observatory, Dairen

昭和六年一月

滿洲氣象表

QC
990
.C62
M34
1931

REPORT

OF THE

METEOROLOGICAL OBSERVATIONS

MADE AT THE

METEOROLOGICAL STATIONS

IN

MANCHURIA.

LIBRARY
N.O.A.A.
U.S. Dept. of Commerce

JANUARY, 1931.

PUBLISHED BY THE METEOROLOGICAL OBSERVATORY, DAIREN.

075629

National Oceanic and Atmospheric Administration

Environmental Data Rescue Program

ERRATA NOTICE

One or more conditions of the original document may affect the quality of the image, such as:

Discolored pages
Faded or light ink
Binding intrudes into the text

This document has been imaged through the NOAA Environmental Data Rescue Program. To view the original document, please contact the NOAA Central Library in Silver Spring, MD at (301) 713-2607 x124 or www.reference@nodc.noaa.gov.

Lason, Inc.
Imaging Subcontractor
Beltsville, MD
December 20, 2000

凡　例

本編ハ昭和六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卽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

氣壓ハ粍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卽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

平均雲量二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 uuous 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	黄道光	⌒	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	黄砂	≈	Yellow dust
朝焼 夕焼	⌒	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

昭和六年一月　　DAIREN.　　JANUARY, 1931.

日 Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h		降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	計 Total
1	62.8	59.6	58.6	55.6	54.0	52.7	57.2	NE	1.8	SW	1.6	SSW	6.4	SW	6.0	SW	5.5	SW	7.1	4.9	0.8	1.4	2.6	0.3	0.2	—	5.3
2	52.9	52.1	54.7	54.6	57.4	59.0	55.1	SW	5.3	SW	8.8	NW	3.3	NNW	3.9	NW	2.6	NW	0.9	4.3	—	—	—	—	—	—	—
3	59.4	59.0	59.3	56.5	56.3	56.1	57.8	NNW	1.8	E	2.9	SSE	6.8	S	8.3	S	4.6	S	2.2	4.1	—	—	—	—	—	—	—
4	55.5	54.6	56.5	57.2	58.4	60.5	57.1	S	1.2	ESE	0.8	NE	4.6	NW	4.1	N	7.2	N	6.8	4.0	—	—	—	—	—	—	—
5	61.1	61.1	63.2	61.1	61.7	63.3	61.9	N	12.4	N	7.5	NNW	7.2	NNW	9.6	NNW	10.6	N	12.1	9.5	—	—	—	—	—	—	—
6	63.3	64.3	65.8	64.0	66.0	66.0	64.9	N	9.5	N	9.6	NNW	6.9	N	8.1	NNW	8.2	N	9.2	8.7	—	—	—	—	—	—	—
7	66.8	66.9	67.5	65.6	66.1	67.0	66.7	NNW	3.8	NNW	3.6	NW	5.4	NNW	5.8	NNW	7.5	NNW	4.6	5.9	—	—	—	—	—	—	—
8	67.3	66.9	67.8	66.4	67.5	69.4	67.6	NNW	4.7	NNW	5.0	NNW	5.3	NNW	9.1	N	8.5	N	8.7	7.4	—	—	—	—	—	—	—
9	69.7	70.7	71.3	67.9	66.9	66.5	68.8	NNW	11.7	N	14.4	NNW	10.8	N	9.0	N	11.9	N	10.9	11.2	—	—	—	—	—	—	—
10	66.8	67.7	69.3	68.1	69.5	70.6	68.7	N	11.8	N	11.3	N	9.3	N	8.1	N	8.3	N	3.9	9.7	0.0	—	—	0.0	0.0	—	0.0
11	70.5	69.7	70.0	67.4	67.2	66.9	68.6	S	1.6	S	1.1	WNW	1.6	W	5.2	WSW	1.9	WSW	3.5	2.3	—	—	—	0.0	0.0	—	0.0
12	65.1	63.5	63.6	61.8	62.6	62.8	63.2	WNW	6.0	WSW	3.1	NW	7.4	NW	8.8	WNW	5.1	N	2.9	6.3	—	0.0	—	—	—	—	0.0
13	63.2	63.3	63.2	60.2	59.8	58.4	61.4	NNW	4.0	NNW	1.5	W	3.0	WNW	9.7	WNW	5.6	W	7.2	5.2	—	—	—	—	—	—	—
14	58.4	58.7	60.6	60.2	62.0	62.0	60.3	WNW	6.4	NW	6.1	NNW	6.4	NNW	6.8	NNW	1.3	SSW	2.2	5.3	—	—	—	—	—	—	—
15	61.5	60.3	59.8	57.0	55.8	55.2	58.3	S	3.7	SSW	3.9	SSW	8.5	SSW	6.9	S	5.4	SSW	9.2	5.8	—	—	—	—	—	—	—
16	55.5	56.7	60.1	60.8	62.9	63.4	59.9	SW	5.8	NNW	6.2	N	9.5	N	9.5	N	6.0	N	2.4	6.8	—	—	—	—	—	—	—
17	63.8	62.3	62.9	60.5	60.7	59.4	61.6	N	1.5	N	1.8	S	2.7	NW	5.1	W	2.3	WSW	3.1	2.9	—	—	—	—	—	—	—
18	57.2	54.5	54.0	53.6	56.0	55.5	55.1	SW	6.6	SW	8.4	NW	11.7	NNW	9.5	NNW	4.8	NNW	2.6	6.4	—	—	—	—	—	—	—
19	54.3	52.2	52.5	53.9	57.8	59.9	55.1	SSW	11.7	SSW	11.1	SW	5.7	NNW	10.5	N	10.2	N	9.6	8.7	—	—	—	—	—	—	—
20	62.1	62.7	64.4	63.8	64.6	64.4	63.7	N	4.1	NNW	5.5	NNW	3.9	NNW	3.2	NW	1.3	SSE	0.9	4.0	—	—	—	—	—	—	—
21	64.0	62.5	62.7	60.4	59.8	58.9	61.4	E	0.9	SE	0.8	S	6.5	S	7.1	S	5.9	S	8.8	4.3	—	—	—	—	—	—	—
22	57.5	55.5	54.7	52.4	53.8	55.5	54.9	S	7.1	S	3.6	S	6.1	WNW	5.3	WSW	4.3	NW	3.4	5.7	—	0.3	4.0	0.9	—	—	5.2
23	57.0	57.8	59.1	59.5	60.8	60.6	59.1	NW	3.2	WNW	2.7	W	2.9	NNW	7.4	N	0.7	S	7.6	3.4	—	—	—	—	—	—	—
24	59.8	59.0	58.8	57.3	57.3	57.3	58.3	SSW	8.2	SSW	6.1	SSW	10.2	S	9.8	SSW	5.3	S	7.1	7.9	—	—	—	—	—	—	—
25	58.2	58.6	60.9	61.0	63.4	65.8	61.3	NW	3.3	NNW	7.0	N	8.2	N	11.8	N	13.9	N	12.4	9.7	—	—	—	—	—	—	—
26	67.8	68.4	70.3	69.3	69.2	68.8	69.0	N	9.5	N	12.4	N	11.8	N	11.6	NNW	8.4	WNW	3.0	9.3	—	—	—	—	—	—	—
27	67.4	64.7	63.6	60.8	59.7	59.2	62.6	WSW	3.7	W	5.0	W	7.5	SW	9.4	SW	8.4	SW	8.8	7.1	—	—	—	—	—	—	—
28	57.8	56.0	55.6	53.6	53.3	54.0	55.1	SW	6.1	SW	5.3	SSW	7.6	SSW	6.2	SSW	3.9	SW	4.8	8.5	—	—	—	—	—	—	—
29	53.7	53.8	56.7	57.3	59.0	60.6	56.9	SW	3.4	SW	3.3	NNW	5.5	N	6.0	NNW	2.6	NNW	1.9	3.8	—	—	—	—	—	—	—
30	61.5	60.9	60.1	58.3	56.9	57.2	59.2	—	0.1	S	1.9	S	7.4	S	7.6	S	10.9	S	10.0	5.8	—	—	—	—	—	—	—
31	57.3	56.5	57.2	54.9	53.8	54.0	55.6	SSW	6.1	S	6.0	S	6.1	S	4.7	S	1.8	S	1.4	4.9	—	—	—	—	—	—	—
平均 Mean	61.3	60.7	61.4	60.0	60.7	61.6	60.8		5.4		5.4		6.7		7.6		6.0		5.8	6.2	0.8	1.7	6.6	1.2	0.2	—	10.5

日 Day	氣溫 (攝氏) AIR TEMPERATURE (°C) 2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 6h	10h	14h	18h	22h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	97.3	98.3	0.0	0.3	0.5	1.2	99.6	1.3	96.6	4.7	97	95	77	86	77	67	83	10 n	10 n	10 n	10 kn	10 n	10.0	0.00	1.0
2	1.3	0.8	0.4	1.6	99.1	97.7	0.2	1.8	97.2	4.6	73	78	86	68	78	89	79	10 s	0 —	10 c	0 —	0 —	4.0	6.40	0.8
3	98.2	99.8	4.5	4.9	4.5	5.0	2.8	5.5	97.1	8.4	88	98	75	77	88	89	86	2 s	5 cs	10 s	10 s	10 kc, s	7.4	4.40	1.2
4	5.1	4.7	2.3	99.9	97.6	93.9	0.6	5.5	93.9	11.6	97	97	96	94	47	43	79	10 sc, s	10 三	10 s	0 —	0 —	6.0	0.00	2.2
5	91.6	90.9	91.3	93.0	91.6	90.0	91.4	93.9	89.7	4.2	44	43	47	49	58	61	50	1 c	6 c	10 kc, ck	10 sk	10 sc	7.4	2.60	2.6
6	89.1	87.6	88.4	90.7	89.6	88.2	88.9	91.0	86.9	4.1	68	79	64	52	49	60	62	0 —	0 —	0 —	10 cs	2 sk	2.4	7.90	1.6
7	88.0	87.5	89.8	93.8	92.2	91.6	90.5	94.3	87.4	6.9	49	59	60	35	41	51	49	7 cs	10 cs, c	10 cs	0 —	10 cs	7.4	2.70	2.2
8	91.0	90.2	90.4	91.2	88.6	86.4	89.6	91.8	86.4	5.4	54	54	51	47	47	48	50	10 cs	10 sc	4 sc	10 ck	10 ck	8.8	0.40	2.0
9	83.6	81.4	81.2	82.8	82.1	82.3	82.2	86.4	80.6	5.8	46	40	45	40	42	49	44	10 ck	10 sc	3 cs	10 cs	10 n	8.6	3.05	1.3
10	81.0	80.3	82.1	83.7	83.2	83.5	82.3	84.4	80.1	4.3	56	54	48	83	57	57	59	0 —	4 sc	10 n	0 —	0 —	2.8	5.10	0.8
11	83.1	83.9	90.6	93.3	90.6	91.4	88.8	93.9	82.4	11.5	62	58	52	52	55	64	57	0 —	0 sk	10 n, sc	3 sk	0 —	2.6	6.60	1.0
12	91.2	91.0	92.8	92.9	91.2	90.0	91.5	93.5	89.9	3.6	73	66	40	45	47	61	55	1 sk	4 s, sk	3 sk, s	0 —	0 —	1.6	7.70	1.5
13	89.5	87.8	94.4	97.2	96.1	97.7	93.8	97.7	87.5	10.2	62	63	49	35	44	41	49	0 —	4 sc	0 —	0 —	0 —	0.8	8.20	2.0
14	98.6	97.3	99.0	99.6	96.3	95.5	97.7	0.0	94.8	5.2	45	65	36	23	49	45	44	0 —	0 —	0 —	0 —	0 —	0.0	8.30	2.4
15	96.6	98.1	2.0	3.0	0.6	1.4	0.3	3.8	95.0	8.8	52	61	40	36	57	71	53	0 —	0 —	0 —	0 —	0 —	0.0	8.30	3.0
16	0.0	95.0	95.5	96.4	94.0	91.8	95.5	1.4	91.7	9.7	72	72	37	38	43	48	52	0 —	0 —	0 —	0 —	0 —	0.0	8.60	2.5
17	92.4	92.0	98.5	2.0	97.4	97.2	96.6	2.0	91.6	10.4	46	46	41	48	72	71	54	0 —	0 sk, ck	3 k	0 —	0 —	0.6	7.50	1.8
18	98.5	99.9	2.0	2.0	98.6	96.6	99.6	2.7	96.0	6.7	55	46	44	35	37	47	44	0 —	0 —	0 —	0 —	0 —	0.0	8.50	3.1
19	99.9	0.7	4.6	99.1	92.7	89.7	97.8	4.8	89.4	15.4	69	61	48	42	57	56	56	0 —	0 —	0 —	0 —	0 —	0.0	8.25	3.0
20	89.6	88.6	91.8	93.9	92.0	91.8	91.3	94.4	88.4	6.0	51	54	43	35	52	58	49	0 —	0 —	0 —	0 —	0 —	0.0	8.55	1.4
21	92.3	93.0	98.7	98.9	98.2	99.6	96.8	99.6	91.4	8.2	71	78	45	52	60	72	64	0 —	9 c	10 cs, sk	10 sc	10 sc	7.8	5.10	2.7
22	99.9	99.6	0.2	99.8	98.2	96.9	99.1	0.8	96.8	4.0	83	96	98	95	77	84	89	10 n	10 n	10 n	0 —	0 —	6.0	0.20	0.8
23	96.7	97.0	2.0	98.2	95.8	97.6	97.9	2.7	95.3	7.4	93	61	39	55	62	65	63	0 —	0 —	0 —	0 —	0 —	0.0	8.90	2.3
24	99.4	0.0	2.8	4.2	2.3	2.4	1.9	4.6	97.3	7.3	73	73	60	66	81	83	73	0 —	0 —	1 sk	2 sk	0 —	0.6	9.05	2.3
25	1.0	94.6	92.6	91.2	89.4	85.9	92.5	2.5	85.8	16.7	68	74	65	69	77	76	72	10 sk	9 kc, ck	10 kc, sk	10 kc, sk	0 —	7.8	2.25	1.6
26	84.9	83.8	85.2	87.2	87.3	90.0	86.4	90.0	82.4	7.6	69	74	67	62	66	64	67	0 sk	0 k	0 —	0 —	0 —	0.0	9.00	1.5
27	93.7	94.0	98.2	0.2	97.3	98.1	96.9	0.2	89.9	10.3	48	48	38	35	46	43	43	0 —	0 —	0 —	0 —	—	0.0	9.10	2.5
28	97.8	98.0	0.0	0.2	97.4	97.0	98.4	0.8	97.0	3.8	50	56	46	55	65	66	56	5 c	10 sc	10 sc	2 sk	0 —	5.4	3.40	1.8
29	97.2	97.8	98.4	99.4	97.0	95.7	97.6	99.8	95.5	4.3	62	54	64	33	50	55	53	0 —	10 c	1 c	9 c	8 c	5.6	8.45	2.0
30	96.8	97.2	1.0	3.1	0.7	1.2	0.0	3.6	95.6	8.0	60	65	63	55	64	71	63	10 cs	10 sc	0 s	0 —	0 —	4.0	7.20	2.6
31	1.2	0.3	4.2	4.6	2.0	1.6	2.3	6.0	99.5	6.5	72	86	68	70	79	86	77	0 —	10 c	10 cs, s	10 cs, s	10 sc	8.0	7.90	0.9
平均 Mean	94.4	93.9	96.3	97.0	95.0	94.5	95.2	98.7	91.3	7.5	65	66	56	54	59	63	60	3.1	4.5	4.7	3.4	2.9	3.7	183.60	58.4

* 重力ノ更正　Reduction to standard gravity……— 0.4

海面ヘノ更正　Reduction to mean sea level……+ 9.5

大　連

昭和六年一月　　DAIREN.　　JANUARY, 1931.

日 Day	水蒸氣ノ張力(粍) TENSION OF VAPOUR.(mm) 2h	6h	10h	14h	18h	22h	平均 Mean	地面溫度(攝氏) EARTH TEMP. ON THE SURFACE.(°C) 6h	14h	22h	平均 Mean	地中溫度(攝氏) EARTH TEMPERATURE. (°C) 0.1m	0.2m	0.3m	0.5m	1.0m	2.0m	3.0m	4.0m	5.0m	最低地面溫度(攝氏) MIN. TEMP. ON GRASS. (°C)	最高日溫(攝氏) MAX. TEMP. (BLACK BULB.) (°C)
1	3.6	3.8	3.5	4.0	3.7	3.4	3.7	99.0	99.8	99.6	99.5	99.1	98.9	99.7	0.7	3.9	7.2	9.5	11.4	12.3	95.6	1.5
2	3.7	3.8	4.0	3.5	3.3	3.5	3.6	99.6	0.5	97.8	99.3	99.5	99.3	0.0	0.8	3.7	6.9	9.5	11.3	12.2	93.6	6.4
3	3.5	4.4	4.7	5.0	5.5	5.8	4.8	97.5	2.5	1.2	0.4	99.3	99.2	0.0	0.8	3.7	6.9	9.4	11.1	12.1	93.8	9.3
4	6.4	6.2	5.2	4.2	1.8	1.3	4.2	0.5	0.6	97.6	99.8	0.0	99.6	0.2	1.0	3.7	6.9	9.4	11.0	12.1	92.6	5.3
5	1.1	1.0	1.1	1.3	1.4	1.3	1.2	94.9	98.2	94.4	95.8	98.3	99.4	0.2	1.2	3.7	6.7	9.4	11.1	12.1	89.0	97.8
6	1.4	1.4	1.2	1.2	1.0	1.1	1.2	92.3	96.7	92.8	93.9	95.4	97.6	0.0	0.9	3.7	6.6	9.1	11.0	11.9	86.3	95.3
7	0.9	1.0	1.3	1.0	1.0	1.2	1.1	91.5	97.4	94.3	94.4	94.4	96.0	98.1	0.3	3.6	6.6	9.0	10.9	11.8	86.0	98.9
8	1.3	1.2	1.1	1.1	0.9	0.8	1.1	93.5	95.9	91.5	93.6	95.1	96.1	97.8	99.7	3.4	6.4	9.0	10.7	11.7	85.6	94.3
9	0.6	0.4	0.5	0.5	0.5	0.6	0.5	87.6	90.8	87.4	88.6	91.1	93.6	95.7	99.0	3.0	6.4	8.9	10.7	11.8	80.3	89.8
10	0.6	0.5	0.5	1.1	0.7	0.7	0.7	85.2	89.7	87.3	87.4	89.2	91.6	93.7	97.5	2.5	6.3	8.7	10.5	11.6	78.7	87.4
11	0.8	0.8	1.2	1.4	1.2	1.5	1.2	85.7	96.7	91.3	91.2	89.1	90.8	92.7	96.4	2.2	6.1	8.6	10.5	11.6	78.8	3.1
12	1.7	1.5	1.1	1.2	1.1	1.3	1.3	90.7	97.8	91.3	93.3	92.5	93.2	94.6	97.0	1.7	6.1	8.7	10.5	11.5	88.0	0.4
13	1.3	1.1	1.5	1.3	1.5	1.6	1.4	89.4	99.2	94.8	94.3	91.8	93.0	94.7	97.0	1.5	5.9	8.5	10.3	11.4	84.0	5.3
14	1.9	2.4	1.5	1.0	1.7	1.5	1.7	95.0	0.8	93.9	96.6	95.7	95.6	96.5	97.9	1.4	5.5	8.5	10.3	11.4	89.9	5.0
15	1.9	2.4	2.1	2.1	2.8	3.6	2.5	94.8	1.7	98.3	98.3	96.1	96.0	96.9	98.3	1.5	5.4	8.3	10.2	11.4	92.8	9.5
16	3.3	2.3	1.2	1.3	1.3	1.2	1.8	95.9	99.1	93.5	96.2	96.8	97.3	98.3	99.0	1.5	5.4	8.2	10.0	11.3	89.2	1.3
17	1.2	1.2	1.7	2.6	2.7	2.7	2.0	91.8	3.7	95.3	96.9	94.7	95.3	96.9	98.6	1.5	5.1	8.0	10.1	11.3	87.5	10.3
18	2.3	2.1	2.3	1.9	1.5	1.7	2.0	96.5	2.2	95.4	98.0	97.2	97.0	97.9	98.9	1.5	4.9	8.0	9.8	11.1	91.6	9.5
19	3.1	2.9	2.9	1.8	1.5	1.2	2.2	97.8	1.6	93.5	97.6	98.2	97.9	98.5	99.3	1.4	4.9	7.8	9.8	10.9	88.0	13.4
20	1.1	1.0	1.1	1.0	1.3	1.4	1.2	91.3	98.7	92.4	94.1	94.1	95.5	97.2	99.0	1.5	4.9	7.7	9.7	10.9	86.7	0.8
21	1.8	2.1	1.9	2.2	2.6	3.2	2.3	90.4	0.1	98.0	96.2	93.8	94.2	95.9	98.1	1.5	4.9	7.5	9.6	10.9	86.4	4.1
22	3.8	4.3	4.5	4.3	3.1	3.1	3.9	98.7	99.8	97.0	98.5	98.3	97.8	98.3	99.0	1.5	4.7	7.5	9.6	10.8	94.6	5.3
23	3.3	2.3	2.1	2.2	2.1	2.5	2.4	95.0	98.3	95.3	96.2	96.4	97.0	98.3	99.3	1.5	4.5	7.3	9.4	10.7	91.6	13.0
24	3.2	3.3	3.3	4.1	4.3	4.5	3.8	96.9	1.0	0.0	99.3	97.8	97.4	98.3	99.3	1.5	4.5	7.2	9.5	10.6	95.3	9.1
25	3.3	2.3	1.7	1.6	1.6	1.2	2.0	97.8	96.6	90.2	94.9	98.2	98.6	99.3	99.7	1.5	4.5	7.2	9.4	10.6	84.8	6.3
26	1.0	1.0	1.0	1.1	1.1	1.4	1.1	87.2	92.4	88.5	89.4	90.6	93.1	95.4	98.5	1.5	4.4	6.9	9.2	10.4	82.0	97.0
27	1.4	1.4	1.5	1.6	1.8	1.7	1.6	90.5	0.2	95.3	95.3	92.6	92.9	94.3	97.2	1.5	4.4	7.0	9.1	10.5	88.2	10.1
28	1.9	2.3	2.1	2.6	2.5	2.5	2.3	95.5	0.8	95.8	97.4	96.7	96.0	96.9	98.1	1.2	4.4	6.9	9.0	10.4	93.8	9.0
29	2.3	2.1	2.6	1.5	1.8	1.8	2.0	94.7	1.5	94.8	97.0	96.3	96.3	97.5	98.7	1.3	4.3	6.9	9.0	10.4	90.6	5.7
30	2.2	2.4	3.1	3.2	3.1	3.5	2.9	95.3	2.5	98.8	98.9	96.9	96.5	97.6	98.7	1.2	4.2	6.7	9.0	10.3	92.0	10.8
31	3.6	4.0	4.2	4.4	4.2	4.4	4.1	98.2	2.8	0.6	0.5	98.9	98.5	99.0	99.4	1.1	4.1	6.7	8.9	10.1	98.2	13.8
平均 Mean	2.2	2.2	2.2	2.2	2.1	2.2	2.2	93.9	99.0	94.8	95.9	95.6	96.2	97.5	99.0	2.1	5.5	8.1	10.1	11.2	88.9	4.2

記　事 REMARKS.

日 Day			
1		-⚹°-6h38. ⚹°8h28-15h17.	⊟°p.
2	⊔°∞°p.		⊟²a.p.
3	⊔¹a.		⊟°a.
4		≡°9h40-14h47.	⊟¹p.
5			⛈24h ⛈2-4.17-18.20-23.h ⊟²a.p.
6			⛈1.3.20.h ⊟²a.p.
7	⊎ a ∈°a.p.		⊟²a.p.
8			⛈17.23- ⊟²a.p.
9	⊎ a.	⚹°22h20…	-⛈ 8.10.15-19.22.h ⊟²a.p.
10		-⚹°-1h50.⚹°12h42-14h13.	⛈1-3.6.h ⊟²a.p.
11		⚹°13h40-14h50.	⊟²a p.
12		⚹°2h20-3h15.	⛈11h ⊟²a p.
13			⛈11.15h ⊟²a.¹p.
14	∞°p.		⊟¹a.p.
15			⊟¹a.p.
16			⛈11-12.h ⊟²a p.
17	∞¹a.		⊟²a.°p.
18			⛈10h ⊟¹a.°p.
19			⛈2.6.14-15.17-18.h ⊟°a.²p.
20			⊟²a.p.
21	⊔¹⊕°a.⊕°p.		⊟²a.
22		⚹°4h10-⚹¹5h30-⚹°10h23-△°12h41-13h15.	⊟¹a.°p.
23	⊔¹a.		⊟¹a.p.
24			⛈10-12.h ⊟¹a.
25			⛈12-14.16-22.24h ⊟²a p.
26	⊔°P.		⛈3-11.14h ⊟²a.p.
27	⊔°a.		⛈19.h ⊟²a.¹p.
28			⊟¹a.p.
29			⊟¹a.p.
30			⛈18-22. ⊟¹a.p.
31	⊔°a∞°p.		⊟¹a.

營口

YINGKOW.

昭和六年一月 JANUARY, 1931.

氣壓 ※ (粍) AIR PRESSURE. (mm) (700 mm +)

日 Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	71.0	67.2	66.1	62.5	60.5	60.3	64.6
2	59.8	**59.5**	63.0	64.2	67.0	68.5	63.7
3	69.3	68.7	68.8	65.0	64.0	63.0	66.5
4	63.3	64.1	68.1	68.5	70.9	73.2	68.0
5	74.8	74.6	76.7	74.4	75.6	76.1	75.4
6	76.2	76.5	78.1	75.7	77.6	78.5	77.1
7	78.2	78.3	79.6	76.9	77.6	78.5	78.2
8	78.7	78.8	79.7	78.8	80.1	81.8	79.7
9	**82.3**	**82.3**	**81.5**	76.8	77.5	76.9	79.6
10	77.3	77.8	78.6	78.0	78.6	78.7	78.2
11	78.4	78.4	78.3	76.0	75.5	74.7	76.9
12	73.6	71.9	72.1	70.3	70.9	71.4	71.7
13	71.7	71.0	70.0	67.3	66.1	65.2	68.6
14	65.3	65.8	69.6	68.9	69.8	69.8	68.2
15	69.5	67.3	66.5	63.9	63.1	63.2	65.6
16	64.3	67.3	70.2	69.9	71.5	72.0	69.2
17	72.0	71.0	70.8	68.3	68.4	67.3	69.6
18	63.9	60.5	61.8	62.3	64.0	63.2	62.6
19	62.9	59.9	62.5	65.3	68.9	69.9	64.9
20	71.6	71.5	73.4	72.5	73.2	72.7	72.5
21	71.9	70.6	70.0	67.9	67.3	66.2	69.0
22	64.6	63.1	61.7	60.0	62.0	64.4	62.6
23	65.3	65.7	68.1	68.2	68.6	68.4	67.4
24	67.2	66.0	65.2	63.2	63.7	66.1	65.2
25	68.6	70.5	73.2	73.2	75.9	78.2	73.3
26	79.1	79.8	81.2	79.1	78.9	76.9	79.2
27	74.6	71.7	69.6	66.6	66.0	65.2	69.0
28	63.8	62.9	62.8	61.1	60.6	61.5	62.1
29	61.2	61.7	66.3	66.5	67.7	69.3	65.5
30	69.7	68.4	67.5	65.1	64.1	63.8	66.4
31	64.5	63.7	64.1	62.0	61.7	65.8	63.6
平均 Mean	70.1	69.6	70.5	69.0	69.6	70.0	69.8

風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.

日 Day	2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h.
1	SE	3.4	SE	4.7	SSE	7.5	S	7.0	S	5.8	S	4.7	4.9
2	SSW	6.0	SW	4.3	NE	2.3	NNE	5.7	NNE	4.0	NNE	3.5	4.2
3	NNE	2.9	NNE	1.9	NNE	1.1	ENE	1.9	SE	1.8	SSE	5.7	2.5
4	SSE	2.4	N	1.5	NNE	7.6	NNE	8.0	NNE	6.4	NNE	5.8	5.8
5	NNE	7.4	NNE	8.6	NNE	10.1	NNE	8.3	NNE	**11.1**	NNE	8.9	9.2
6	NNE	10.6	NNE	8.9	NNE	8.2	NNE	7.8	NNE	7.0	NNE	5.7	8.2
7	NNE	3.3	NNE	3.8	NNE	2.7	NNE	4.0	NNE	3.7	NNE	5.4	4.2
8	NNE	5.6	NNE	5.8	NNE	6.5	NNE	8.8	NNE	5.5	NNE	6.4	6.2
9	NNE	5.6	NNE	5.8	NNE	4.3	N	4.7	NNW	4.6	NNW	5.8	5.3
10	NNE	2.1	NNE	1.1	N	4.3	NNW	4.9	NE	0.7	ESE	1.8	2.7
11	ESE	1.1	ESE	1.5	SE	1.6	S	2.4	S	0.6	SE	1.0	1.7
12	ESE	1.2	ESE	1.2	SE	1.7	SW	2.4	SW	1.2	N	2.0	1.7
13	NW	2.3	SSE	2.5	SW	5.3	SW	5.7	S	2.9	S	2.5	3.0
14	W	4.1	W	5.7	NNW	5.7	N	2.9	E	1.2	SE	0.9	3.7
15	SSE	1.8	SE	1.8	S	7.2	S	8.5	S	5.3	SSE	3.4	4.2
16	SW	2.4	NNE	2.0	NNE	5.3	NNE	7.2	NNE	2.6	NNE	1.4	3.9
17	NNE	1.1	N	1.3	SE	2.0	SSW	3.5	W	0.5	SE	1.5	1.8
18	SSE	5.8	S	2.3	W	3.3	NW	6.4	NNE	1.9	E	1.5	4.3
19	E	1.2	SE	1.1	N	3.4	N	8.5	N	6.7	NNE	2.9	4.3
20	—	0.1	—	0.3	NNE	1.6	N	2.8	NNE	1.2	E	1.3	1.2
21	SE	1.6	SE	1.8	SSE	5.9	SSE	8.5	SSE	5.3	S	5.7	4.6
22	S	7.6	S	5.3	SSW	5.3	SSW	3.5	S	0.5	N	1.8	4.3
23	E	0.8	NE	0.5	NE	1.3	NE	1.7	ENE	1.9	E	1.8	1.3
24	ESE	1.4	SSE	2.9	S	5.8	S	8.6	S	5.9	S	4.4	4.5
25	N	6.3	N	9.9	N	9.0	N	10.9	N	7.4	N	4.3	7.9
26	N	1.3	NNE	1.6	NNE	6.1	NNE	2.3	SE	1.2	SSE	1.8	2.5
27	SSE	2.3	SSE	3.3	S	5.8	S	7.4	S	5.9	SSE	7.0	5.2
28	SSE	5.6	SSE	8.2	S	6.7	S	4.7	S	1.9	S	3.8	5.0
29	SSE	1.8	S	2.7	NNE	3.2	NE	2.3	ENE	0.9	ENE	0.9	2.1
30	SE	2.3	SE	2.3	SSE	5.3	S	6.7	S	6.7	S	7.9	4.1
31	S	5.3	S	4.1	S	3.8	S	5.6	SE	2.5	SE	1.2	4.4
平均 Mean		3.4		3.5		4.8		5.6		3.7		3.6	4.2

降水量 (粍) AMOUNT OF PRECIPITATION. (mm)

日 Day	22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	合計 Total
1	0.1	1.1	0.2	0.1	0.1	—	1.7
2	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—
11	—	—	—	—	—	0.1	0.1
12	0.0	—	—	—	—	—	0.0
13	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—
21	—	—	—	—	—	0.0	0.0
22	0.1	0.9	3.3	0.6	0.2	—	5.1
23	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—
平均 Mean	0.2	2.0	3.6	0.7	0.3	0.1	6.9

氣溫 (攝氏) AIR TEMPERATURE. (°C)

日 Day	2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range
1	94.2	95.3	97.2	98.5	99.2	98.9	97.2	99.6	91.9	7.7
2	98.9	98.6	98.8	92.6	90.4	89.5	94.8	0.3	88.6	11.7
3	87.3	85.9	88.3	95.2	96.4	2.6	92.6	2.9	85.1	**17.8**
4	2.0	1.0	94.5	96.7	91.0	89.4	95.8	3.0	88.6	14.4
5	88.3	86.9	87.6	90.5	87.9	86.7	87.8	90.8	84.1	6.7
6	85.3	83.5	84.6	89.1	85.2	83.9	85.3	89.5	82.0	7.5
7	82.7	80.4	83.5	89.4	86.9	85.4	84.7	90.0	79.0	11.0
8	83.3	82.0	83.6	86.6	84.5	82.1	83.7	87.4	80.7	6.7
9	79.4	78.0	78.9	81.8	80.2	79.2	79.6	82.4	76.5	**5.9**
10	76.9	76.6	80.5	83.0	82.0	78.7	79.6	83.7	**75.1**	8.6
11	78.2	76.9	86.2	90.5	87.2	85.5	84.1	91.3	76.0	15.3
12	84.1	83.1	90.7	92.3	88.4	87.3	87.7	93.0	82.0	11.0
13	84.7	82.2	92.4	95.6	93.5	94.1	90.4	96.2	81.0	15.2
14	94.1	94.7	97.6	98.5	93.1	88.8	94.5	98.8	87.7	11.1
15	88.0	90.1	99.5	2.1	99.0	94.6	95.6	2.6	86.9	15.7
16	95.2	91.0	94.9	96.0	92.5	88.2	93.0	96.8	87.4	9.4
17	88.1	85.9	93.1	98.5	94.4	91.6	91.9	99.3	84.6	14.7
18	95.8	97.0	99.9	0.5	94.3	90.4	96.3	1.4	89.8	11.6
19	89.6	92.1	93.4	93.6	88.2	85.2	90.4	97.4	84.3	13.1
20	82.9	82.1	89.3	92.4	88.4	86.1	86.9	93.0	81.4	11.6
21	88.5	87.7	96.2	98.5	97.3	97.3	94.3	99.0	85.0	14.0
22	98.8	97.7	98.2	97.7	96.9	90.8	96.7	99.6	90.1	9.5
23	88.3	88.1	92.8	95.4	88.7	88.5	89.4	96.4	82.5	13.9
24	88.6	95.5	0.2	1.9	99.7	96.4	97.1	2.2	86.5	15.7
25	92.4	91.2	88.6	89.4	86.3	83.0	88.5	96.7	82.6	14.1
26	81.6	79.7	82.6	86.8	84.2	83.5	83.1	87.8	78.3	9.5
27	84.8	84.9	95.2	97.7	96.2	94.7	92.3	98.0	82.3	15.7
28	95.9	94.9	98.0	98.6	96.0	94.1	96.3	99.9	93.1	6.8
29	91.6	92.6	93.9	96.3	93.1	90.0	92.9	97.2	89.3	7.9
30	88.9	89.2	97.5	1.7	98.4	99.4	95.9	1.9	87.2	14.7
31	99.9	98.8	2.9	2.7	0.9	99.8	0.8	**3.9**	97.5	6.4
平均 Mean	89.0	88.3	92.3	94.5	91.6	89.9	90.9	96.2	84.7	11.4

濕度 (百分率) REL. HUMIDITY. (%)

日 Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	96	100	95	97	97	97	97
2	98	97	90	84	89	92	92
3	100	100	100	100	94	80	96
4	90	100	100	52	56	60	75
5	52	59	52	56	56	57	55
6	66	63	55	42	53	54	56
7	60	61	57	49	57	57	57
8	60	59	53	44	60	59	56
9	54	53	48	41	47	49	49
10	50	52	48	41	47	55	49
11	60	65	47	46	62	72	59
12	66	72	69	39	46	50	57
13	56	65	50	47	69	76	61
14	64	55	43	**36**	43	50	49
15	60	61	59	49	54	71	59
16	80	66	48	**36**	40	49	53
17	64	72	49	68	73	97	71
18	60	76	57	37	49	68	58
19	80	67	63	55	68	71	67
20	90	94	59	44	49	68	67
21	58	67	48	53	71	77	62
22	80	100	100	97	97	89	94
23	92	94	97	66	76	80	84
24	70	83	69	65	81	81	75
25	78	80	57	59	69	62	68
26	70	72	55	53	59	73	64
27	67	81	5[illegible]	56	63	69	65
28	70	77	73	68	78	94	77
29	94	97	79	51	46	74	74
30	73	81	53	56	67	68	66
31	68	76	63	69	86	85	75
平均 Mean	72	76	64	57	65	70	67

雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD.

日 Day	6h	10h	14h	18h	22h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	10 n	10 n	10 n	10 n	10 n	10.0	0.00	0.4
2	10 n	10 sc	10 sk	0 —	10 sc, s	8.0	2.90	0.5
3	10 ≡	10 c, s	10 cs	10 cs, sc	10 n, sk	10.0	4.70	0.5
4	10 sc	10 kc	9 c, cs	0 —	10 cs	7.8	3.83	0.8
5	0 —	0 —	10 c	10 sk	10 n, sc	6.0	7.08	0.7
6	0 —	3 c	0 —	10 cs	10 cs	4.6	7.06	0.6
7	0 —	0 —	10 c	0 —	10 cs	4.0	7.35	0.5
8	10 cs	10 cs	5 c	0 —	0 —	5.0	4.99	0.4
9	10 c, kc	1 c	10 cs	0 —	0 —	4.2	5.40	0.4
10	10 ck, c	0 —	10 c, cs	0 —	0 —	4.0	7.42	0.7
11	0 —	0 —	0 —	0 —	10 n	2.0	7.95	0.5
12	5 c, kc	0 —	0 —	0 —	0 —	1.0	7.75	0.6
13	0 —	0 —	0 —	4 c	0 —	0.8	7.56	1.0
14	0 —	0 —	0 —	0 —	0 —	0.0	7.80	1.4
15	0 —	0 —	0 —	0 —	0 —	0.0	7.47	1.6
16	0 —	0 —	0 —	0 —	0 —	0.0	7.67	1.0
17	0 —	10 kc	0 —	0 —	0 —	2.0	6.65	0.9
18	10 kc	6 c, kc	0 —	0 —	0 —	3.2	7.16	1.1
19	10 sc	10 kc	0 —	0 —	0 —	4.0	5.53	0.8
20	0 —	0 —	0 —	0 —	0 —	0.0	7.85	0.7
21	0 —	1 s	10 sc	10 n	10 sk	6.2	5.86	0.8
22	10 n	10 n	10 n	8 ck	3 c	8.2	0.00	0.4
23	0 —	0 —	0 —	0 —	0 —	0.0	6.38	0.5
24	0 —	0 —	0 —	0 —	0 —	0.0	7.13	1.2
25	10 sc	10 sc	10 cs, sc	0 —	0 —	6.0	3.57	0.5
26	0 —	0 —	0 —	0 —	0 —	0.0	7.96	0.5
27	0 —	0 —	7 c	10 c	0 —	3.4	3.02	1.1
28	0 —	10 sc	10 sc	2 c	2 c	4.8	8.13	0.4
29	0 —	0 —	0 —	0 —	0 —	0.0	8.00	0.6
30	10 sc	10 kc	3 c	1 c	0 —	4.8	4.27	1.5
31	0 —	10 kc	10 sc	10 kc	10 sk	8.0	5.40	0.9
平均 Mean	4.0	4.2	4.6	2.7	3.4	3.8	183.84	23.5

※ 重力ノ更正 Reduction to standard gravity ……— 0.3
海面ヘノ更正 Reduction to mean sea level ……+ 0.4

旅　順

昭和六年一月　　RYOJUN.　　JANUARY, 1931.

日 Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	61.5	58.3	55.2	58.3	SW	3.2	WSW	7.6	W	9.3	5.2	2.8	0.6	0.5	3.9
2	53.7	55.9	60.2	56.6	WNW	10.1	N	4.1	NNE	3.7	6.0	—	—	—	—
3	60.1	58.6	57.5	58.7	ESE	3.5	S	7.0	S	1.8	3.8	—	—	—	—
4	56.5	58.5	62.0	59.0	SSE	1.6	NE	4.1	ENE	7.2	4.9	—	—	—	—
5	63.0	63.6	65.0	63.9	ENE	11.1	ENE	6.9	ENE	8.2	10.7	—	—	—	—
6	65.3	66.4	67.5	66.4	ENE	10.5	ENE	5.8	E	11.1	8.9	—	0.0	0.0	0.0
7	68.5	67.8	68.5	68.3	E	3.0	NE	4.3	ENE	4.4	4.5	—	—	—	—
8	67.8	68.2	70.3	68.8	ENE	6.0	ENE	7.4	ENE	11.0	7.4	—	—	—	—
9	71.8	69.8	68.3	70.0	ENE	11.5	ENE	6.5	N	5.8	7.2	—	0.3	0.3	0.6
10	69.5	70.3	71.7	70.5	N	5.0	N	7.2	—	0.1	5.5	0.2	1.0	—	1.2
11	70.9	69.4	68.6	69.6	NNE	3.5	WNW	6.5	WNW	10.5	5.4	—	—	—	—
12	65.3	64.0	64.2	64.5	WNW	8.8	NW	13.8	NW	5.8	9.7	—	—	—	—
13	64.6	62.5	61.3	62.8	ENE	2.9	NW	14.6	WNW	14.3	9.2	—	—	—	—
14	60.0	61.6	63.4	61.7	NW	11.0	N	3.3	ESE	1.3	5.6	—	—	—	—
15	61.8	59.1	57.5	59.5	SW	1.3	SW	4.4	SSW	3.3	3.3	—	—	—	—
16	57.5	62.9	65.1	61.8	ENE	3.5	ENE	5.5	ENE	0.9	4.5	—	—	—	—
17	64.1	62.6	62.3	63.0	ENE	0.5	WNW	3.0	NW	0.9	2.6	—	—	—	—
18	55.9	55.7	57.4	56.3	W	9.6	NNW	6.5	—	0.0	6.5	—	—	—	—
19	54.8	54.9	60.6	56.8	W	5.3	NE	4.8	NE	12.1	8.3	—	—	—	—
20	64.4	65.0	65.9	65.1	E	2.0	N	2.6	—	0.0	2.2	—	—	—	—
21	64.3	62.3	60.5	62.4	SSE	1.6	SSW	6.5	SW	3.2	3.6	—	—	—	—
22	57.5	54.6	56.6	56.2	SW	4.7	WNW	8.1	NW	7.9	6.3	0.0	6.7	—	6.7
23	59.2	61.0	62.2	60.8	NW	3.5	NNW	7.6	SSE	1.9	2.7	—	—	—	—
24	60.5	59.0	58.8	59.4	WNW	7.4	W	7.6	WSW	4.7	5.4	—	—	—	—
25	59.8	62.3	67.7	63.3	ENE	5.8	ENE	12.3	ENE	9.7	8.7	—	0.0	—	0.0
26	69.8	71.0	70.7	70.5	ENE	5.8	NE	5.8	NW	3.0	5.5	0.0	0.0	—	0.0
27	66.8	63.0	61.6	63.8	NW	11.5	WNW	14.9	WNW	8.8	10.9	—	—	—	—
28	58.1	55.4	55.4	56.3	W	6.4	W	5.0	WSW	0.9	4.2	—	—	—	—
29	55.1	58.5	61.7	58.4	NW	1.1	ENE	3.3	—	0.0	3.5	—	—	—	—
30	61.9	59.9	58.5	60.1	SW	1.1	SSW	5.7	SW	4.4	6.6	—	—	—	—
31	58.2	57.1	55.1	56.8	W	2.9	S	5.3	S	2.7	3.3	—	—	—	—
平均 Mean	62.2	61.9	62.6	62.2		5.3		6.7		5.1	5.9	3.0	8.6	0.8	12.4

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	98.2	0.4	0.5	99.7	1.2	97.3	3.9	92	91	86	90	0 s	10 n	10 sk	6.7	0.00	1.0
2	1.0	3.6	99.0	1.2	4.5	98.1	6.4	80	59	75	71	10 sk	10 sc	0 —	6.7	6.90	1.0
3	0.5	6.0	4.8	3.7	6.5	97.3	9.2	84	67	89	80	0 —	2 sk	10 sk	4.0	7.70	1.3
4	5.2	0.4	94.0	99.9	5.5	93.3	12.2	100	98	38	79	10 sk	10 sk	0 —	6.7	1.05	1.6
5	91.2	94.0	90.8	92.0	95.5	90.0	5.5	52	45	62	53	3 c	10 c, cs	10 sc	7.7	3.80	1.3
6	90.0	91.6	90.4	90.7	92.7	88.3	4.4	74	54	62	63	10 sk	6 n	10 sc, sk	8.7	6.75	1.2
7	90.2	94.8	93.2	92.7	95.4	88.5	6.9	57	40	49	49	7 c	4 c, cs	10 s	7.0	5.60	1.4
8	91.2	91.7	87.6	90.2	93.5	87.0	6.5	60	51	55	55	10 sc	9 cs, sc	10 s	9.7	1.40	0.9
9	83.5	84.0	84.2	83.9	88.0	80.7	7.3	53	59	64	59	10 cs, sc	10 n	10 n	10.0	0.00	0.7
10	82.4	85.2	84.2	83.9	85.8	81.7	4.1	77	53	50	60	10 n	9 s	10 s	9.7	3.70	0.6
11	87.0	92.3	92.4	90.6	93.5	83.3	10.2	45	53	56	51	3 s	10 sk	10 s	7.7	2.10	1.3
12	92.5	92.5	92.8	92.6	93.3	90.7	2.6	55	39	40	43	9 sk	0 sk	0 sk	2.0	7.98	1.7
13	89.2	97.0	98.2	94.8	99.1	88.6	10.5	45	35	42	41	5 sk	3 sk	0 —	2.7	7.85	2.6
14	99.0	1.7	95.8	98.8	2.1	94.5	7.6	54	38	45	46	0 —	0 —	0 —	0.0	8.15	1.6
15	97.0	3.6	0.6	0.4	3.7	94.2	9.5	64	38	58	53	0 —	0 —	0 —	0.0	8.20	1.8
16	96.4	97.8	92.6	95.6	0.9	91.5	9.4	61	32	48	47	0 —	0 —	0 —	0.0	8.20	1.7
17	93.0	0.8	96.5	96.8	2.1	91.2	10.9	42	54	70	56	0 —	6 sk	0 —	2.0	7.02	2.0
18	0.2	4.2	98.0	0.8	4.3	95.0	9.3	52	32	39	41	0 —	0 —	0 —	0.0	8.50	2.5
19	99.4	1.2	90.2	96.9	4.0	89.5	14.5	67	55	57	60	0 —	0 —	0 —	0.0	8.12	2.0
20	88.0	96.0	92.2	92.1	97.2	87.5	9.7	66	27	44	44	0 —	0 —	0 —	0.0	8.60	1.6
21	93.9	99.0	98.6	97.2	0.2	91.0	9.2	68	58	66	64	0 —	10 cs	10 sc	6.7	5.10	0.8
22	0.2	99.7	98.9	99.6	0.7	97.5	3.2	91	98	70	86	10 n	10 s	0 —	6.7	1.20	1.4
23	98.8	0.2	97.0	98.7	2.0	95.6	6.4	76	39	59	58	0 —	0 —	0 —	0.0	8.65	1.8
24	99.6	4.4	2.5	2.2	5.4	96.3	9.1	57	58	71	62	0 —	6 sk	8 sk	4.7	8.50	1.9
25	96.2	91.6	89.5	92.4	3.3	88.1	15.2	73	54	66	62	10 sk	10 sk	4 sk	8.0	2.95	1.1
26	85.6	89.1	92.2	89.0	92.2	84.5	7.7	68	51	49	53	10 n	0 sk	0 —	3.3	8.47	1.8
27	95.1	98.4	98.2	97.2	99.3	91.4	7.9	43	44	50	46	0 —	0 —	0 —	0.0	8.90	2.5
28	97.4	0.1	96.5	98.0	2.5	95.2	7.3	51	48	61	53	0 —	10 kc, c	0 —	3.3	4.80	1.5
29	98.0	1.1	95.6	98.2	1.7	95.0	6.7	56	30	55	47	0 —	1 c	4 c	1.7	8.35	1.8
30	97.7	3.6	0.8	0.7	4.0	95.2	8.8	62	50	59	57	10 cs	4 kc	0 —	4.7	6.60	1.6
31	0.4	4.0	2.0	2.1	6.6	99.1	7.5	73	69	92	78	0 —	10 sk	10 sk	6.7	5.85	1.3
平均 Mean	94.8	97.7	95.1	95.9	99.6	91.5	8.1	64	52	59	58	4.1	5.2	4.1	4.4	180.99	47.3

* 重力ノ更正　Reduction to standard gravity……— 0.4
海面ヘノ更正　Reduction to mean sea level……+ 7.7

奉天
MUKDEN.

氣壓※(粍) AIR PRESSURE. (mm) (700 mm +)

日 Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	66.5	63.0	61.5	57.6	55.4	54.9	59.8
2	54.5	55.6	59.1	60.2	63.4	64.3	59.5
3	65.1	64.7	64.5	61.0	59.8	58.6	62.3
4	59.7	61.7	64.6	65.3	67.6	69.6	64.8
5	71.2	71.4	72.6	70.6	72.9	73.6	72.1
6	73.4	73.3	74.6	73.1	73.5	74.4	73.7
7	74.3	73.4	74.6	72.8	73.5	74.2	73.8
8	74.6	75.2	75.8	75.2	76.1	78.0	75.8
9	77.9	77.7	76.6	72.6	72.3	71.5	74.8
10	71.7	72.1	73.2	72.7	73.6	73.3	72.8
11	73.6	73.3	73.5	70.7	70.7	69.9	72.0
12	69.2	67.6	67.2	65.2	65.6	66.1	66.8
13	66.1	65.4	64.8	62.0	60.9	59.4	63.1
14	59.8	61.0	65.0	64.9	65.6	65.2	63.6
15	64.7	62.8	61.5	58.1	57.9	58.3	60.6
16	60.9	62.8	65.2	65.3	66.9	67.6	64.8
17	67.5	66.4	66.5	63.9	63.6	61.8	65.0
18	58.7	55.5	56.8	57.9	60.2	59.5	58.1
19	58.9	57.0	58.5	60.7	64.6	65.8	60.9
20	66.7	66.9	68.4	68.4	69.1	68.7	68.0
21	67.8	66.2	65.2	62.8	62.0	61.2	64.2
22	59.9	58.1	56.8	55.2	57.8	59.5	57.9
23	60.9	61.8	63.9	64.2	64.9	64.5	63.4
24	63.6	62.3	60.9	58.2	60.2	62.4	61.3
25	65.4	66.8	68.5	69.0	71.8	73.7	69.2
26	74.7	75.4	76.5	74.0	72.9	71.9	74.2
27	69.3	66.1	64.5	61.3	61.3	61.1	63.9
28	60.2	58.8	58.9	57.1	56.5	57.1	58.1
29	57.0	57.6	61.4	62.0	63.3	64.1	60.9
30	65.4	64.1	63.2	60.1	59.3	58.6	61.8
31	58.9	58.9	60.2	58.1	58.0	58.0	58.7
平均 Mean	65.7	65.3	66.0	64.5	65.2	65.4	65.3

風ノ方向及速度(米/秒) DIRECTION AND VELOCITY ($^m/_{sec}$) OF WIND.

日 Day	2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h.
1	E	3.5	SE	5.0	SSE	7.6	S	9.2	S	6.9	S	7.0	6.1
2	S	3.3	W	4.0	N	5.4	NNE	5.5	N	3.6	NNE	3.9	4.5
3	NNE	2.3	NNE	1.8	NE	1.9	E	1.5	SW	2.8	S	6.0	2.7
4	SSW	3.4	NNE	8.6	NNE	5.1	NE	9.0	NE	5.5	NE	2.5	5.8
5	NNE	5.6	NNE	5.0	NNE	5.9	NE	8.6	NNE	8.1	NE	6.2	6.3
6	NE	8.5	NNE	7.5	NNE	7.0	NNE	7.4	NNE	6.5	NNE	5.1	7.0
7	NE	4.7	NNE	3.4	N	2.6	NNE	3.2	N	5.4	NNE	6.2	4.1
8	NE	4.4	NNE	5.0	N	5.5	NNE	6.8	NNE	3.7	N	4.2	4.7
9	NNE	2.8	N	1.5	NW	3.6	NNW	5.3	NNW	6.0	NNW	3.3	3.6
10	NNW	2.8	NNW	2.1	N	4.0	NNW	4.8	NNW	0.5	NW	2.1	3.0
11	NW	2.3	W	1.8	SW	4.1	SW	5.1	WSW	3.5	SW	2.0	3.2
12	SW	2.1	—	0.2	SW	2.2	W	6.0	WNW	1.5	WNW	3.4	2.7
13	WNW	1.9	WNW	1.5	WSW	6.1	WSW	6.5	WSW	3.9	SW	4.4	4.1
14	W	3.3	W	3.7	N	3.2	NW	3.0	N	1.9	E	2.5	3.0
15	E	4.6	E	4.4	SSW	8.9	SSW	12.2	SSW	7.9	SSW	4.1	6.1
16	NNW	4.3	NNW	0.8	N	4.3	N	5.4	N	3.1	—	0.0	3.1
17	ENE	1.3	ENE	2.6	SE	1.9	SW	4.5	SW	3.2	SW	1.9	2.3
18	SSE	3.5	SE	2.5	NW	5.4	NNW	6.2	NNE	3.7	NE	3.0	3.8
19	ENE	2.2	ENE	4.5	NNE	3.7	N	6.9	N	4.8	N	1.6	4.1
20	N	1.2	N	1.2	—	0.3	NNW	1.5	NNW	1.1	ENE	2.9	1.4
21	ENE	4.1	E	4.8	SE	4.1	SW	11.4	S	8.3	S	5.6	5.7
22	S	5.2	S	7.2	S	6.3	SW	5.6	NNW	4.4	N	1.1	5.3
23	—	0.2	—	0.0	S	0.7	N	2.3	ESE	1.8	ESE	3.5	1.4
24	ESE	3.2	ESE	4.2	SE	4.4	SSW	5.8	SW	2.2	NNE	6.7	4.8
25	NNE	4.1	N	4.8	NNE	7.1	NNE	7.9	NNE	7.5	NNE	5.5	6.6
26	NNE	3.9	NNE	1.3	NNE	1.9	N	2.1	WNW	2.3	WSW	2.8	2.6
27	SE	4.9	SE	3.6	S	6.0	SW	12.4	SSW	4.5	S	3.9	5.5
28	SSE	4.0	SSE	2.7	SSE	5.3	SSW	5.2	S	1.9	S	2.7	3.4
29	SSW	2.3	NW	3.7	N	3.4	NW	2.2	NNW	1.0	NE	2.6	2.9
30	ENE	2.9	E	4.0	ESE	4.3	SSW	8.5	S	4.6	SSW	7.4	5.0
31	SW	8.7	SW	2.1	SSW	1.6	SSW	4.5	S	4.1	S	4 1	4.4
平均 Mean		3.6		3.4		4.3		6.0		4.1		3.8	4.2

降水量(粍) AMOUNT OF PRECIPITATION. (mm)

日 Day	22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
1	—	0.7	0.5	0.4	0.1	0.0	1.7
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	—	—	—	—	—	0.0
4	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—
18	—	—	—	0.0	0.0	—	0.0
19	—	—	0.2	0.0	0.0	—	0.2
20	—	—	—	—	—	—	—
21	—	0.0	0.0	—	—	0.0	0.0
22	—	0.0	1.7	1.2	0.3	0.0	3.4
23	—	—	—	—	—	—	—
24	—	—		—	—	0.8	0.8
25	0.0	—	—	—	—	—	0.0
26	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—
29	—	—	0.0	—	—	—	0.0
30	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—
平均 Mean	0.0	0.7	2.4	1.6	0.4	1.0	6.1

氣溫(攝氏) AIR TEMPERATURE. (°C)

日 Day	2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range
1	88.6	92.3	95.2	95.7	96.3	96.9	94.2	96.9	87.7	9.2
2	97.1	97.5	91.5	89.5	86.6	84.9	91.2	98.2	84.9	13.3
3	85.1	87.2	89.9	99.6	94.8	98.7	92.6	0.3	84.8	15.5
4	1.4	91.3	91.8	92.6	89.2	87.7	92.3	1.7	87.6	14.1
5	85.1	82.4	85.9	88.7	86.1	85.1	85.6	88.8	81.7	7.1
6	84.1	82.0	83.2	86.6	82.9	81.1	83.3	87.0	80.7	6.3
7	79.4	77.7	81.6	88.5	85.1	81.3	82.3	88.8	77.0	11.8
8	79.9	77.7	80.2	84.5	81.9	79.3	80.6	84.8	77.7	7.1
9	76.4	74.0	76.7	78.7	78.1	76.1	76.7	79.3	72.9	6.4
10	74.6	72.9	76.3	79.3	77.5	74.7	75.9	80.2	72.7	7.5
11	74.2	74.7	84.5	89.5	83.5	80.1	81.1	90.0	73.6	16.4
12	79.3	79.5	88.3	91.1	85.9	84.7	84.8	91.7	77.7	14.0
13	81.1	78.0	88.3	94.3	88.9	89.2	86.6	94.9	78.0	16.9
14	88.0	88.2	99.8	94.2	90.1	85.7	89.5	95.6	85.6	10.0
15	84.6	85.5	96.4	1.0	96.4	92.9	92.8	1.0	84.2	16.8
16	92.6	88.1	91.5	91.0	91.5	86.0	90.6	94.4	85.1	9.3
17	84.4	83.3	91.3	95.3	91.1	88.1	88.9	96.9	82.7	14.2
18	87.2	91.1	93.2	95.5	91.0	88.6	91.1	96.8	87.1	9.7
19	88.4	88.4	89.4	90.0	85.3	82.8	87.4	90.9	82.8	8.1
20	79.5	78.4	84.1	89.2	86.1	83.3	83.4	90.0	77.7	12.3
21	81.6	83.1	92.4	98.5	94.7	95.5	91.0	99.1	80.6	18.5
22	95.4	95.5	95.6	97.9	91.6	88.3	94.1	98.2	88.1	10.1
23	82.1	81.3	85.6	90.0	83.6	84.7	84.6	90.7	80.3	10.4
24	83.8	83.3	94.7	1.9	99.6	93.6	92.8	2.4	82.4	20.0
25	89.8	86.6	83.5	86.5	82.8	79.3	84.8	93.6	79.2	14.4
26	76.4	75.1	79.7	85.4	81.3	78.5	79.4	87.1	74.6	12.5
27	78.2	78.7	93.5	98.4	91.0	87.1	87.8	98.4	77.7	20.7
28	87.8	87.7	96.0	98.6	94.5	92.7	92.9	98.7	87.1	11.6
29	90.7	90.9	89.4	94.0	90.4	86.2	90.3	94.9	86.1	8.8
30	84.2	84.5	90.8	99.3	95.3	95.3	91.6	99.4	83.4	16.0
31	96.4	92.9	99.8	2.7	99.7	99.8	98.6	3.2	92.4	10.8
平均 Mean	85.1	84.2	88.7	92.6	88.8	86.7	87.7	94.0	81.7	12.3

濕度(百分率) REL. HUMIDITY. (%)

日 Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	77	100	97	94	81	89	90
2	89	92	93	88	82	85	88
3	91	100	96	65	94	83	88
4	90	100	80	62	69	79	80
5	80	88	72	69	68	71	75
6	69	70	67	65	72	81	71
7	82	83	81	64	67	69	74
8	74	76	66	55	70	78	70
9	69	68	57	63	61	73	65
10	73	77	64	64	67	79	71
11	88	90	65	46	63	72	71
12	81	85	72	32	57	61	64
13	68	84	61	39	65	69	64
14	81	71	62	41	64	86	68
15	89	86	47	38	63	84	68
16	69	71	48	35	51	86	60
17	93	94	54	47	63	83	73
18	96	86	72	51	75	88	78
19	92	88	96	81	86	94	[illegible]
20	100	100	94	52	68	89	84
21	92	89	84	60	57	67	75
22	69	72	97	95	89	100	87
23	100	100	100	78	94	95	95
24	91	94	77	54	63	87	78
25	92	95	94	82	77	85	88
26	87	90	85	67	81	92	84
27	92	93	50	46	72	87	73
28	93	91	62	55	82	87	78
29	94	100	66	51	75	91	80
30	96	94	79	48	66	69	75
31	71	87	62	61	72	75	71
平均 Mean	85	83	74	60	71	82	77

雲量(0-10)及雲形 AMOUNT (0-10) AND FORMS OF CLOUD.

日 Day	6h		10h		14h		18h		22h		平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量(粍) AMOUNT OF EVAPORATION.
1	10	n	10	n	10	n	10	s	10	s, n	10.0	0.00	0.5
2	10	n	10	s	10	n	10		10	n	10.0	0.00	0.7
3	10	s	0	—	3	cs	10	cs	10	sc, s	6.6	5.67	1.1
4	10	s	8	s	10	s	5	s	10	cs	8.6	2.85	1.2
5	0	—	8	sk, ck	8	cs	10	s, ck	10	sc	7.2	6.75	1.1
6	5	cs	0	—	0	—	0	—	10	cs	3.0	8.00	0.9
7	0	—	0	c	3	cs	0	—	2	cs	1.0	7.55	1.0
8	10	c, cs	10	cs, s	10	cs	0	—	0	—	6.0	4.82	0.8
9	0	—	0	—	10	sk, s	8	sk, s	0	—	3.6	6.35	0.5
10	0	—	0	—	8	s, sk	8	s	0	—	3.2	7.13	0.6
11	0	—	0	—	0	—	0	—	0	—	0.0	8.52	0.9
12	0	—	4	cs	0	—	0	—	2	s	1.2	8.10	1.3
13	0	—	0	—	2	cs	0	—	0	—	0.4	7.75	1.6
14	1	s	0	—	0	—	0	—	0	—	0.2	7.90	1.2
15	0	—	0	—	0	—	0	—	0	—	0.0	7.90	2.1
16	0	—	0	—	0	—	0	—	0	—	0.0	7.90	1.6
17	7	ck, cs	4	cs	9	kc, sk	0	—	0	—	4.0	6.37	1.3
18	10	s	9	s, sk	9	n, c	0	—	0	—	5.6	4.84	1.2
19	10	s	2	n	8	n	0	—	0	—	4.0	4.38	0.9
20	0	—	0	—	0	—	0	—	0	—	0.0	8.10	0.9
21	10	n	10	s, kc	10	cs, s, sk	10	s	10	s	10.0	4.07	2.1
22	10	n	10	n	10	n	10	n	0	—	8.0	0.00	0.5
23	10	☰	0	s	0	s	0	—	10	kc	4.0	6.70	1.0
24	0	—	9	kc	2	ck	10	s	10	n	6.2	6.00	1.0
25	1	s	2	sc	8	ck, s, cs	4	s	0	—	3.0	5.58	0.8
26	0	—	0	—	0	—	0	—	0	—	0.0	8.25	0.9
27	0	—	3	c	0	c	0	—	0	—	0.6	8.45	1.8
28	0	—	10	s, sk	10	s, sk	6	sk	10	sk	7.2	2.23	1.1
29	2	s	0	—	0	—	0	—	0	—	0.4	8.00	1.2
30	10	cs, s	10	s	10	cs, s	0	sk	0	—	6.0	1.03	1.3
31	3	c, sk	10	ck, cs	10	sk	10	sk	10	s, n	8.6	5.87	1.6
平均 Mean	4.2		4.2		5 2		3.6		3.7		4.1	177.06	34.7

※ 重力ノ更正 Reduction to standard gravity ············ − 0.2
海面ヘノ更正 Reduction to mean sea level ············ + 4.5

長　春

昭和六年一月　　CHANGCHUN.　　JANUARY, 1931.

日 Day	氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean
1	50.8	48.7	43.7	39.9	38.0	37.4	43.1
2	37.1	37.7	41.6	43.6	43.3	47.5	41.8
3	49.4	48.8	48.9	44.7	42.5	40.8	45.9
4	42.2	45.2	48.7	49.3	50.8	53.5	48.3
5	53.8	55.9	57.1	57.0	57.9	57.9	56.6
6	57.9	58.0	58.9	58.0	58.2	58.8	58.3
7	58.9	57.8	58.5	57.8	58.3	59.1	58.4
8	58.9	58.7	58.6	57.8	57.9	58.0	58.3
9	56.5	56.4	55.2	53.3	53.1	51.7	54.4
10	50.8	51.1	52.4	52.8	52.3	52.3	52.0
11	51.7	51.2	51.1	50.4	49.8	49.8	50.7
12	49.3	47.9	47.2	46.7	45.9	45.3	47.1
13	45.1	44.8	44.7	43.3	42.4	41.0	43.6
14	40.4	40.0	44.9	47.1	48.2	48.2	44.8
15	47.4	44.8	42.8	39.4	38.8	38.6	42.0
16	40.6	42.4	45.8	47.3	49.2	50.5	46.0
17	50.0	49.0	47.9	46.0	45.0	42.9	46.8
18	41.3	38.9	39.0	39.3	42.8	43.8	40.9
19	43.3	42.9	44.5	45.1	46.6	47.0	44.9
20	47.6	48.1	49.6	50.1	51.2	51.2	49.6
21	51.0	49.1	48.0	44.9	44.3	43.3	46.8
22	42.8	40.8	39.1	37.6	39.6	40.5	40.1
23	43.0	44.5	45.0	45.8	46.7	46.5	45.3
24	45.9	45.1	44.2	43.5	44.3	45.6	44.8
25	48.3	50.0	52.4	53.3	54.9	55.9	52.5
26	56.4	56.2	56.6	53.9	53.1	51.7	54.7
27	48.8	46.3	44.4	42.1	42.3	42.3	44.4
28	41.9	41.6	42.0	40.8	40.8	40.6	41.3
29	39.4	38.7	41.9	44.4	46.0	46.3	42.8
30	46.9	46.5	45.4	42.7	40.4	39.5	43.6
31	39.0	41.0	43.6	42.5	43.2	43.3	42.1
平均 Mean	47.6	47.4	47.9	47.1	47.3	47.4	47.5

日 Day	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h.
1	S	3.4	S	2.9	S	2.8	S	2.3	SSW	1.7	SW	3.9	2.6
2	SW	3.1	W	2.8	NNW	6.0	NW	4.1	NW	2.1	NW	0.6	3.1
3	NW	0.9	NW	1.1	SE	4.1	SE	8.2	SSE	4.0	SW	6.8	3.1
4	W	8.8	NW	2.9	W	2.7	WNW	2.5	NNW	1.7	NNW	2.3	3.5
5	N	0.6	N	1.3	N	1.6	N	2.8	NE	2.9	NE	3.7	1.9
6	NE	2.9	ENE	2.3	ENE	4.4	E	5.3	E	2.2	E	1.6	2.7
7	NE	1.3	NE	1.5	NE	3.2	NE	5.0	NE	2.0	NE	3.0	2.2
8	ENE	1.9	E	1.8	ENE	1.2	ENE	4.3	NNW	0.6	NW	2.1	1.8
9	WNW	0.9	—	0.4	W	1.1	W	7.0	W	1.9	W	3.9	1.6
10	W	0.5	W	2.7	W	5.8	W	5.5	WSW	4.6	W	4.7	3.6
11	W	5.7	WSW	5.8	W	7.2	WSW	7.6	SW	3.9	WSW	3.9	5.5
12	WSW	2.8	W	2.5	WSW	4.8	WSW	4.7	WSW	2.0	W	3.7	3.0
13	W	4.1	W	3.5	WSW	3.7	SW	4.3	SW	1.2	S	2.3	3.0
14	W	2.5	NW	2.7	NW	5.0	NW	5.0	W	1.2	SSW	1.5	2.5
15	SSW	1.8	SSW	2.7	S	5.6	SW	5.0	SW	4.1	WSW	8.8	3.5
16	WNW	4.1	WNW	2.6	W	2.7	NNW	5.8	NW	2.6	NW	0.8	2.7
17	WSW	0.8	WSW	0.6	S	3.2	WSW	2.3	WSW	1.8	WSW	2.5	1.6
18	SW	2.1	SW	3.2	W	2.9	N	6.8	NW	0.8	NW	0.6	2.7
19	NE	1.4	NE	1.2	NE	2.7	NE	3.0	NE	0.7	NE	0.7	1.3
20	N	1.3	NW	1.8	W	2.2	W	3.2	WSW	1.8	W	2.2	1.6
21	W	2.0	SW	1.6	S	3.2	S	7.0	S	3.7	S	7.6	3.5
22	S	5.6	SW	4.7	SSW	8.2	SW	7.9	WNW	5.6	NW	4.1	5.5
23	WNW	2.2	NW	2.1	NW	3.2	NW	2.8	WNW	1.5	SSW	2.1	2.4
24	SSW	2.2	SW	2.9	SSW	5.5	SSW	1.4	S	2.3	NNE	3.1	2.9
25	NNE	1.9	NNE	1.4	N	2.3	N	5.8	N	1.2	N	1.1	2.2
26	N	1.8	NW	0.9	WSW	3.5	SW	4.7	SSW	3.1	SW	2.8	2.9
27	SW	5.3	SW	3.1	SW	5.8	SW	3.5	SW	1.4	SW	5.3	3.5
28	SW	3.7	SW	1.8	SSW	2.2	SSW	1.8	SSW	0.9	SSW	1.2	2.1
29	—	0.4	W	1.2	WNW	1.3	W	4.7	SW	2.2	SW	1.2	1.8
30	SW	1.8	SW	1.8	S	4.0	S	5.8	S	5.8	S	5.3	3.4
31	SW	9.7	SW	3.4	WNW	1.6	—	0.2	ENE	2.6	NE	2.2	3.5
平均 Mean		2.8		2.3		3.7		4.5		2.4		3.1	2.8

日 Day	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
1	—	—	1.5	1.5	0.7	1.3	5.0
2	0.4	1.0	1.0	0.3	—	—	2.7
3	—	—	—	—	—	—	—
4	—	0.2	—	—	—	—	0.2
5	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—
13	—	—	—	—	0.1	0.0	0.1
14	—	0.3	—	—	—	—	0.3
15	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—
18	—	0.1	0.2	—	—	—	0.3
19	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—
21	—	—	—	0.0	—	—	0.0
22	—	0.8	0.8	1.8	1.4	0.3	5.1
23	—	0.0	0.2	0.0	—	—	0.2
24	—	—	—	—	0.2	0.2	0.4
25	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—
28	—	—	—	—	0.0	0.1	0.1
29	0.2	0.3	0.0	—	—	—	0.5
30	—	—	—	—	0.0	0.2	0.2
31	—	—	—	—	—	—	—
平均 Mean	0.6	2.7	3.7	3.6	2.4	2.1	15.1

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range
1	84.0	85.0	90.0	92.8	93.7	94.5	90.0	94.7	80.3	14.4
2	95.2	88.0	85.5	82.0	78.5	77.6	84.5	95.6	77.0	18.6
3	75.9	74.6	82.7	87.7	89.7	91.0	83.6	91.0	74.2	16.8
4	90.1	82.4	83.0	84.4	81.1	80.5	83.6	93.3	80.0	18.3
5	79.5	76.0	78.8	80.6	79.4	78.9	78.9	88.1	73.6	14.5
6	76.9	75.4	78.0	80.0	76.8	75.2	77.1	80.7	73.7	7.0
7	72.1	72.5	76.5	79.5	75.8	73.0	74.9	79.7	70.4	9.3
8	71.9	69.4	74.3	78.0	75.0	72.0	73.4	78.4	69.0	9.4
9	71.4	67.0	70.9	73.7	71.0	69.2	70.5	78.5	66.0	12.5
10	66.7	65.8	69.8	73.7	71.0	71.3	69.7	73.7	64.3	9.4
11	71.9	72.8	78.7	84.2	81.3	81.8	78.5	84.4	71.2	13.2
12	78.9	78.6	83.5	85.0	83.0	82.0	81.8	85.7	78.1	7.6
13	78.1	75.2	81.0	85.0	84.8	84.2	81.4	85.9	74.3	11.6
14	87.0	82.6	82.0	83.0	81.4	79.0	82.5	87.7	79.0	8.7
15	81.7	79.1	87.7	94.8	93.8	94.8	88.7	95.4	77.7	17.7
16	87.7	81.7	85.7	88.0	76.4	79.0	83.1	95.2	78.0	17.2
17	76.3	75.6	82.8	89.4	85.6	85.2	82.4	90.7	75.0	15.7
18	83.4	87.0	88.5	88.9	78.9	78.9	84.3	89.4	78.7	10.7
19	76.1	76.5	76.7	79.5	78.0	75.7	77.1	82.2	74.4	7.8
20	73.9	71.9	79.1	82.5	77.4	75.6	76.7	82.8	71.5	11.3
21	76.8	75.8	83.9	89.8	87.6	90.1	84.0	90.2	72.5	17.7
22	91.5	92.0	94.5	96.1	85.6	81.4	90.0	96.4	80.2	16.2
23	81.1	80.2	82.5	83.5	78.6	76.5	80.4	85.5	75.9	9.6
24	77.0	82.0	86.5	90.8	89.0	83.2	84.8	90.9	74.8	16.1
25	79.6	77.0	77.5	78.7	74.0	71.2	76.3	83.2	70.9	12.3
26	70.6	69.9	75.7	81.1	77.8	74.4	74.9	81.3	67.0	14.3
27	79.8	77.8	88.6	93.9	87.2	90.2	86.3	94.3	74.1	20.2
28	87.7	85.8	90.8	95.2	91.6	91.2	90.4	95.4	84.2	11.2
29	91.5	87.6	83.3	84.0	81.7	79.5	84.6	91.7	79.3	12.4
30	79.5	79.8	87.0	92.8	93.6	95.7	88.1	96.8	78.8	18.0
31	94.6	92.0	90.7	94.1	91.1	87.0	91.6	96.8	86.7	10.1
平均 Mean	80.3	78.6	82.5	85.5	82.3	81.3	81.7	88.4	75.2	13.2

日 Day	濕度 (百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean
1	64	61	85	87	84	91	79
2	94	96	81	82	77	83	86
3	81	79	82	63	74	72	75
4	89	82	72	60	69	80	75
5	80	81	85	67	65	63	74
6	60	80	76	59	65	71	69
7	75	76	64	58	63	65	67
8	65	68	79	60	70	75	70
9	79	82	72	57	72	67	72
10	74	81	85	67	71	73	75
11	69	64	63	55	63	64	63
12	64	70	63	52	56	65	62
13	70	71	68	52	75	84	70
14	85	82	82	72	69	78	78
15	75	71	63	55	64	63	65
16	60	70	68	60	64	71	66
17	76	72	72	52	67	71	68
18	74	65	80	80	70	85	76
19	82	82	82	65	69	80	77
20	76	74	78	71	71	72	74
21	72	72	53	67	62	64	66
22	83	87	88	100	86	87	89
23	87	86	77	68	77	82	80
24	85	88	69	66	92	94	82
25	93	92	83	84	79	86	86
26	85	85	81	62	83	79	79
27	72	76	61	48	66	74	66
28	68	72	55	58	88	79	70
29	87	87	83	74	76	85	82
30	86	86	74	57	61	64	71
31	75	87	85	68	75	91	80
平均 Mean	77	78	75	65	72	76	74

日 Day	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 6h	10h	14h	18h	22h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	10 sc	10 n	10 n	10 n	10 n	10.0	0.00	1.0
2	10 n	10 n	0 —	0 —	0 —	4.0	4.50	0.8
3	0 —	10 ck	10 c	10 c	10 ck	8.0	3.30	0.6
4	0 c	10 c	0 —	0 —	0 —	2.0	7.70	0.3
5	0 —	0 —	10 sc	10 cs	10 sc	6.0	1.85	0.3
6	0 —	0 —	0 —	0 —	0 —	0.0	7.70	0.3
7	0 —	0 —	0 —	0 —	0 —	0.0	7.70	0.3
8	0 —	0 —	0 —	0 —	0 —	0.0	6.80	0.3
9	0 —	0 —	0 —	0 —	0 —	0.0	8.30	0.5
10	0 —	0 —	0 —	0 —	0 —	0.0	7.90	0.4
11	0 —	0 —	0 —	0 —	0 —	0.0	8.80	0.3
12	0 —	10 c	0 —	6 sc	10 sc	5.2	7.10	0.5
13	0 —	0 —	10 sc	10 n	10 c	6.0	7.50	0.4
14	0 —	0 —	0 —	0 —	0 —	0.0	8.60	0.3
15	0 —	0 —	0 —	0 —	0 —	0.0	7.40	0.4
16	0 —	0 —	0 —	0 —	0 —	0.0	8.50	0.5
17	0 —	10 c	10 sc	0 —	0 —	4.0	5.20	0.5
18	10 n	10 sc, c	0 —	0 —	0 —	4.0	6.45	0.7
19	0 —	10 c	0 —	0 —	0 —	2.0	5.95	0.5
20	0 —	0 —	0 —	0 —	0 —	0.0	8.60	0.4
21	0 —	10 cs	10 sc	10 c	10 cs	8.0	2.25	0.6
22	10 n	10 n	10 n	10 n	10 s	10.0	0.00	0.5
23	10 n	10 n	0 —	0 —	0 —	4.0	5.05	0.6
24	10 sc	10 sc	10 s	10 n	0 —	8.0	0.00	0.4
25	0 —	0 —	0 —	0 —	0 —	0.0	8.40	0.4
26	0 —	0 —	0 —	0 —	0 —	0.0	8.20	0.5
27	0 —	1 c	10 c	0 —	0 —	2.2	8.40	0.5
28	0 —	0 c	0 —	10 s	10 n	4.0	7.30	0.4
29	10 n	10 c	0 —	0 —	0 —	4.0	7.90	0.9
30	0 —	10 sc	10 sc	10 s	10 sc	8.0	0.00	0.4
31	0 —	10 sc	10 sc	10 sc	5 kc	7.0	0.00	0.6
平均 Mean	2.3	4.9	3.5	3.4	3.1	3.4	176.85	15.1

* 重力ノ更正　Reduction to standard gravity ---------- 0.1
海面ヘノ更正　Reduction to mean sea level ---------- + 21.9

鞍　山

昭和六年一月　　ANSHAN.　　JANUARY, 1931.

日 Day	氣壓 ※(粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	64.5	59.2	**55.7**	59.8	SSW	2.0	SW	6.4	SW	7.5	3.8	**0.5**	0.0	—	**0.5**
2	65.1	61.5	64.6	63.7	W	6.5	NE	5.3	ENE	4.1	2.8	0.0	0.0	—	0.0
3	65.5	62.7	59.8	62.7	NE	0.9	N	0.8	SSE	7.3	2.4	—	—	—	—
4	60.7	65.4	69.2	65.1	ENE	3.8	NE	9.9	ENE	7.6	6.5	—	—	—	—
5	72.2	70.7	74.0	72.3	NE	7.0	NE	9.1	NE	7.0	7.9	—	—	—	—
6	73.5	73.5	74.4	73.8	NE	8.3	NE	7.3	NE	7.0	4.5	—	—	—	—
7	74.1	73.6	75.9	74.5	NE	4.7	NE	1.6	NE	4.0	4.8	—	—	—	—
8	75.4	76.2	78.3	76.6	NE	4.0	NE	7.6	NE	4.7	5.2	—	—	—	—
9	**79.2**	74.3	73.5	75.7	NE	5.8	NNE	4.7	NE	4.1	4.0	—	—	—	—
10	73.4	73.5	74.2	73.7	—	0.0	NNE	5.8	S	1.4	2.6	—	—	—	—
11	74.4	72.3	70.5	72.4	SSW	2.3	W	2.9	SW	2.3	2.4	—	—	—	—
12	66.8	67.0	68.2	67.3	SW	1.7	W	2.8	W	2.3	2.5	—	—	—	—
13	66.5	64.0	61.6	64.0	W	1.8	W	5.3	SW	6.7	4.1	—	—	—	—
14	62.4	65.8	66.7	65.0	WSW	2.3	NNE	4.1	—	0.0	4.8	—	—	—	—
15	64.3	60.8	59.0	61.4	SSW	2.5	SW	9.3	—	0.0	2.6	—	—	—	—
16	63.6	68.6	69.1	66.4	E	2.5	SW	**10.5**	ENE	0.4	4.8	—	—	—	—
17	67.2	65.1	62.6	65.0	SSW	1.5	WSW	4.1	SSW	1.4	1.9	—	—	—	—
18	57.2	58.4	60.1	58.6	WSW	6.4	NNW	7.0	E	1.3	4.3	—	—	—	—
19	56.9	61.5	67.1	61.8	E	1.3	NNE	7.0	NE	3.5	3.3	—	0.0	—	0.0
20	66.9	70.0	70.0	69.0	SE	0.9	NNE	1.4	ESE	1.2	0.8	—	—	—	—
21	67.2	64.4	62.3	64.6	SSE	2.7	SW	8.2	SW	6.4	5.6	—	—	—	—
22	59.4	57.0	61.1	59.2	SW	7.0	WSW	5.3	E	4.7	4.2	0.0	0.0	0.0	0.0
23	62.1	65.0	64.8	64.0	S	0.8	—	0.0	—	0.0	1.3	—	—	—	—
24	62.5	59.4	61.9	61.3	—	—	WSW	8.2	—	0.0	4.7	—	—	—	—
25	67.3	69.5	74.2	70.3	ENE	2.4	NE	7.6	NE	7.0	5.8	—	—	—	—
26	74.9	76.1	70.9	74.0	ENE	6.0	N	4.1	SW	2.3	4.0	—	—	—	—
27	68.6	63.0	61.9	64.5	SW	3.3	WSW	8.2	SW	6.7	6.1	—	—	—	—
28	59.6	58.2	57.9	58.6	SW	5.8	SW	6.4	SW	1.0	4.2	—	—	—	—
29	58.3	63.2	65.9	62.5	WSW	2.9	NE	2.3	SE	2.7	2.3	—	—	—	—
30	64.7	63.0	59.9	62.5	SW	0.8	SW	7.0	SW	5.3	3.6	—	—	—	—
31	60.3	59.2	58.7	59.4	SW	5.3	WSW	6.4	SW	2.8	4.6	—	—	—	—
平均 Mean	66.3	65.8	66.3	66.1		3.3		5.7		3.6	3.9	0.5	0.0	0.0	0.5

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	95.6	98.9	99.2	97.9	99.5	91.2	8.3	94	64	80	79	10 n	10 sk	10 sk	10.0	0.00	2.1
2	99.4	91.0	88.6	93.0	0.1	88.5	11.6	90	93	84	89	10 n	10 n	10 sk	10.0	0.00	1.4
3	89.0	96.0	2.2	95.7	2.2	86.4	15.8	92	94	54	80	10 ≡	9 cs	10 sk	9.7	2.40	1.2
4	0.2	96.0	89.6	95.3	5.0	89.6	15.4	92	48	56	65	10 sk	10 cs	10 cs	10.0	0.80	1.8
5	85.0	90.2	86.4	87.2	90.7	84.1	6.6	67	51	82	67	0 —	6 cs	9 cs	5.0	6.90	1.6
6	82.2	88.4	83.7	85.1	88.8	82.4	6.4	73	46	68	62	0 —	0 —	10 cs	3.3	7.40	1.4
7	79.8	87.0	84.4	83.7	88.8	78.3	10.5	73	58	80	70	0 —	1 cs	6 cs	2.3	5.70	0.9
8	80.3	85.2	81.3	82.3	86.0	79.6	6.4	67	72	81	73	0 —	10 cs	0 —	3.3	2.50	1.0
9	76.8	79.4	77.8	78.0	81.2	75.9	5.3	64	52	67	61	0 —	5 cs	8 cs	4.3	4.80	1.2
10	74.7	79.6	76.5	76.9	81.4	**74.7**	6.7	79	58	56	64	0 —	9 cs	0 —	3.0	7.30	0.9
11	77.5	89.7	83.6	83.6	90.2	76.7	13.5	59	40	78	59	0 —	0 —	0 —	0.0	8.40	0.8
12	83.8	91.5	86.4	87.2	92.8	82.7	10.1	78	38	48	55	10 sk	0 —	0 —	3.3	8.00	1.1
13	81.7	94.4	93.6	89.9	95.6	81.5	14.1	58	44	58	53	0 —	2 cs	0 —	0.7	8.00	2.3
14	90.8	95.7	89.5	92.0	4.2	89.4	14.8	86	43	49	59	4 sc	0 —	0 —	1.3	8.00	1.6
15	92.4	2.2	98.2	97.6	2.5	87.1	15.4	50	42	56	49	0 —	0 —	0 —	0.0	7.20	2.4
16	91.2	94.9	89.4	91.8	98.5	88.6	9.9	66	40	49	52	0 —	0 —	0 —	0.0	8.80	2.1
17	86.6	97.5	92.0	92.0	98.7	86.4	12.3	65	77	67	70	5 sk	3 cs	0 —	2.7	5.00	2.4
18	97.2	99.0	91.5	95.9	99.4	89.6	9.8	46	46	66	53	10 sk	3 cs	0 —	4.3	5.50	3.7
19	89.8	92.8	84.6	89.1	94.8	83.0	11.8	78	69	89	79	10 sk	10 n	0 —	6.7	3.20	1.9
20	80.6	89.2	92.0	87.3	90.4	80.3	10.1	93	43	66	67	0 —	0 —	0 —	0.0	7.20	0.9
21	92.0	99.0	97.2	96.1	99.5	83.9	15.6	67	34	79	60	0 —	7 cs	0 —	2.3	6.20	1.2
22	98.6	98.6	91.2	96.1	98.7	91.1	7.6	85	85	97	89	10 n	10 n	10 n	10.0	0.00	2.3
23	82.8	91.2	86.0	86.7	92.2	81.5	10.7	94	79	86	86	0 —	0 —	0 —	0.0	3.30	0.1
24	98.9	3.0	0.0	0.6	3.5	83.5	**20.0**	85	47	100	77	0 —	0 —	10 sk	3.3	7.50	0.9
25	89.6	89.0	83.0	87.2	0.3	82.9	17.4	96	62	78	79	10 sk	9 cs	3 cs	7.3	3.70	2.1
26	77.6	89.2	87.7	84.8	88.0	76.8	11.2	83	69	60	71	0 —	0 —	0 —	0.0	8.20	2.4
27	88.0	98.6	95.4	94.0	98.8	87.2	11.6	67	48	52	56	0 —	0 —	0 —	0.0	7.60	1.9
28	95.4	0.1	93.5	96.3	0.8	93.5	7.3	83	52	84	73	0 —	10 sk	3 cs	4.3	0.40	2.3
29	94.8	93.8	87.8	92.1	95.7	87.8	7.9	77	80	67	75	10 sk	0 —	5 cs	5.0	5.80	2.2
30	89.5	1.2	99.8	96.8	2.3	83.0	19.3	70	42	59	57	0 —	8 cs	3 cs	3.7	2.50	2.1
31	99.5	4.8	1.1	1.8	5.8	98.3	7.5	63	46	76	62	0 —	10 sc	7 sk	5.7	1.50	1.9
平均 Mean	88.5	93.8	90.1	90.8	96.0	84.7	11.2	75	56	70	68	3.6	4.6	3.7	3.9	153.80	52.1

※ 重力ノ更正　Reduction to standard gravity……— 0.3
海面ヘノ更正　Reduction to mean sea level……+ 3.9

開　原
KAIYUAN.

昭和六年一月　　JANUARY, 1931.

日 Day	氣壓* (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total.
1	58.9	52.9	49.8	53.9	E	1.3	S	7.9	N	6.9	4.8	0.1	0.6	0.3	1.0
2	50.1	55.2	60.4	55.2	SW	3.5	NNW	3.5	SSE	2.3	3.5	0.2	0.0	—	0.2
3	61.3	57.0	53.4	57.2	NE	2.6	NE	1.8	S	5.3	2.3	—	—	—	—
4	58.2	61.7	65.1	61.7	NNW	2.7	N	5.3	NNE	1.2	3.9	—	—	—	—
5	68.8	68.2	69.8	68.9	NNE	2.7	NNE	4.1	NNE	7.6	3.3	—	—	—	—
6	69.0	69.4	70.7	69.7	NNE	3.8	NNE	5.8	NNE	3.5	4.2	—	—	—	—
7	69.4	68.8	70.7	69.6	NNE	3.2	NNE	4.1	NNE	4.6	3.5	—	—	—	—
8	70.9	68.8	72.6	70.8	NNE	3.5	N	4.7	—	0.1	2.9	—	—	—	—
9	72.4	68.2	66.4	69.0	SSW	1.3	WNW	4.7	—	0.3	2.0	—	—	—	—
10	66.4	67.3	67.9	67.2	SW	1.1	WNW	2.9	S	2.3	1.8	—	—	—	—
11	67.8	65.7	65.1	66.2	S	2.3	SSW	6.4	S	5.5	4.5	—	—	—	—
12	62.5	59.8	60.3	60.9	S	0.7	SW	5.8	WSW	2.3	3.5	—	—	—	—
13	59.8	57.1	55.0	57.3	S	4.1	SW	7.0	SW	5.8	4.1	—	—	—	—
14	54.7	60.1	60.8	58.5	SSW	2.0	NNW	1.1	E	0.5	2.2	—	—	—	—
15	58.0	53.2	52.7	54.6	S	3.7	SSW	11.1	SSW	7.0	5.8	—	—	—	—
16	53.8	60.2	63.6	60.0	W	1.2	NW	4.1	E	1.3	2.8	—	—	—	—
17	61.5	59.3	57.5	59.4	NE	1.3	SSW	5.3	S	3.4	2.5	—	—	—	—
18	51.1	52.7	56.1	53.3	S	2.7	NW	3.9	NE	1.5	2.8	—	0.9	0.0	0.9
19	53.6	55.8	61.6	57.0	NE	3.5	NNE	5.0	E	0.6	3.4	—	0.0	—	0.0
20	62.6	63.6	64.7	63.6	NE	0.6	SW	1.5	WNW	1.5	1.0	—	—	—	—
21	61.9	57.9	56.3	58.7	N	1.5	S	8.2	SSW	7.2	4.2	—	0.0	0.0	0.0
22	53.4	50.2	54.8	52.8	SSW	6.4	SSW	7.6	NW	0.9	5.4	0.0	2.2	4.1	6.3
23	56.6	59.5	60.1	58.7	SSW	7.5	SW	1.2	ENE	1.8	1.4	0.0	—	—	0.0
24	57.8	53.9	58.3	56.7	ENE	0.7	SSE	5.8	N	4.7	2.9	—	—	—	—
25	61.8	65.1	69.4	65.4	N	3.8	N	8.2	N	4.1	4.7	—	—	—	—
26	70.5	69.5	66.8	68.9	ENE	1.1	S	2.9	S	2.5	1.8	—	—	—	—
27	61.2	56.1	56.1	57.8	S	4.1	SSW	10.5	S	3.8	5.1	—	—	—	—
28	54.1	52.7	52.0	52.9	S	5.3	SSW	7.8	S	2.5	4.5	—	—	—	—
29	52.2	57.0	59.4	56.2	WSW	3.4	W	1.9	—	0.2	2.3	—	0.2	—	0.2
30	59.3	54.7	52.7	55.6	NE	2.0	S	7.0	S	6.6	4.2	—	—	—	—
31	54.4	53.5	53.5	53.8	SW	7.5	N	5.3	N	0.8	5.1	—	—	0.4	0.4
平均 Mean	60.5	59.8	60.7	60.4		2.7		5.2		3.2	3.4	0.3	3.9	4.8	9.0

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	89.3	95.9	97.6	94.3	97.8	83.5	14.3	85	89	82	85	10 n	10 n	10 n	10.0	0.00	0.4
2	97.6	87.9	78.5	88.0	97.6	78.4	19.2	84	88	84	85	10 n	10 n	10 n	10.0	1.20	0.7
3	79.4	94.1	99.0	90.8	99.0	77.2	21.8	78	65	65	69	10 n	10 sc	10 sc	10.0	7.20	1.1
4	90.8	91.2	83.9	88.6	93.0	82.8	16.2	100	57	74	77	10 sc	10 kc	10 cs	10.0	3.30	1.1
5	79.7	87.2	83.6	83.5	87.2	78.1	9.1	72	54	63	63	0 —	8 k	8 k	5.3	6.90	1.1
6	80.2	84.2	78.7	81.0	84.4	77.6	6.8	60	44	70	58	6 k	0 —	7 cs	4.3	8.10	0.8
7	74.8	86.2	79.0	80.0	86.7	74.7	12.0	70	64	64	66	0 —	0 —	5 cs	1.7	8.10	0.8
8	75.5	82.7	73.4	77.2	82.8	73.4	9.4	71	56	69	65	0 —	7 cs	0 —	2.3	6.10	0.9
9	71.4	76.9	70.3	72.9	77.3	69.9	7.4	60	57	56	58	0 —	10 sc	0 —	3.3	6.90	0.8
10	69.5	76.7	73.2	73.1	77.8	68.8	9.0	69	57	89	72	0 —	2 c	0 —	0.7	8.10	0.6
11	72.7	86.7	80.7	80.0	86.7	72.7	14.0	88	44	74	69	0 —	0 —	0 —	0.0	8.30	1.0
12	77.1	88.7	83.0	82.9	89.1	76.9	12.2	74	36	72	61	1 c	0 —	0 —	0.3	8.00	0.8
13	77.9	90.4	91.2	86.5	91.8	77.4	14.4	69	48	57	58	0 —	7 c	10 c	5.7	7.80	1.1
14	86.7	90.2	82.2	86.4	91.2	81.8	9.4	86	47	82	72	1 cs	0 —	0 —	0.3	8.30	1.0
15	85.7	98.8	95.9	93.5	98.9	79.1	19.8	63	45	62	57	0 —	0 —	0 —	0.0	7.80	2.0
16	88.5	92.5	83.2	88.1	95.9	82.2	13.7	61	50	78	63	0 —	2 k	0 —	0.7	7.90	1.0
17	78.6	93.4	86.7	86.2	93.4	78.1	15.3	77	44	86	69	0 —	10 sc	0 —	3.3	5.70	1.0
18	92.5	93.6	81.7	89.3	93.6	81.5	12.1	56	79	88	74	10 sc	5 kc	0 —	5.0	5.70	0.6
19	83.7	88.2	80.3	84.1	88.7	79.4	9.3	94	68	73	78	10 n	3 k	0 —	4.3	6.50	0.8
20	73.2	86.4	76.8	78.8	86.8	72.5	14.3	88	56	82	75	0 —	0 —	0 —	0.0	8.40	0.8
21	79.2	94.5	94.9	89.5	94.9	76.3	18.6	85	62	66	71	0 —	10 n	10 n	6.7	1.60	1.2
22	97.1	97.1	87.8	94.0	97.2	87.7	9.5	52	89	96	79	10 n	10 n	8 n	9.3	0.00	2.1
23	77.1	84.4	75.0	78.8	87.8	74.3	13.5	92	84	80	85	0 —	0 —	0 —	0.0	5.70	0.7
24	77.9	96.6	92.2	88.9	99.0	74.0	25.0	84	63	90	79	0 —	10 sk	10 sk	6.7	0.00	0.9
25	85.0	83.4	74.2	80.9	92.2	74.2	18.0	95	83	79	86	5 cs	10 kc	0 —	5.0	7.30	0.6
26	68.3	81.2	78.2	75.9	82.7	67.8	14.9	81	69	69	73	0 —	0 —	0 —	0.0	8.70	0.8
27	82.4	94.9	91.4	89.6	95.8	77.2	18.6	71	48	54	58	0 —	2 c	0 —	0.7	8.70	1.4
28	88.3	97.2	94.8	93.4	97.3	88.3	9.0	76	62	72	70	0 —	10 sk	10 n	6.7	4.10	1.1
29	93.1	89.8	81.8	88.2	94.8	81.3	13.5	94	67	88	83	10 n	0 —	0 —	3.3	7.80	0.7
30	79.7	96.4	97.6	91.2	98.4	78.0	20.4	86	56	47	63	0 —	10 n	10 c	6.7	0.20	1.8
31	96.2	1.8	98.3	98.8	1.8	92.2	9.6	73	65	92	77	0 —	10 sc	10 n	6.7	6.60	1.4
平均 Mean	82.2	90.0	84.7	85.6	91.9	78.9	13.9	77	61	74	71	3.0	5.4	4.1	4.2	181.00	31.1

* 重力ノ更正　Reduction to standard gravity ..... — 0.2
海面ヘノ更正　Reduction to mean sea level ..... + 9.2

鄭家屯

昭和六年一月 — CHENGCHIATUN. — JANUARY, 1931.

日 Day	氣壓* (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	56.4	50.9	47.6	51.6	SSE	3.9	SSW	3.2	SSW	2.7	3.2	0.3	2.8	0.2	3.3
2	50.6	55.1	59.2	55.0	N	5.7	N	3.8	NNE	1.3	3.5	—	0.0	—	0.0
3	60.0	55.7	51.3	55.7	—	0.2	ESE	2.1	SSW	4.4	1.4	—	—	—	—
4	58.9	60.7	64.8	61.5	N	3.3	N	4.4	—	0.0	3.4	—	—	—	—
5	66.8	67.9	69.5	68.1	N	1.0	NNE	3.2	NNE	1.4	1.9	—	—	—	—
6	70.2	69.8	70.7	70.2	—	0.0	NE	2.5	NNE	1.4	1.7	—	—	—	—
7	69.0	69.4	71.1	69.8	—	0.0	NE	4.8	NNE	1.7	2.3	—	—	—	—
8	70.7	69.4	71.3	70.5	NNE	1.9	NNW	3.0	NNW	4.0	2.3	—	—	—	—
9	68.8	65.8	65.4	66.7	W	3.6	WNW	4.2	WNW	4.7	3.5	—	—	—	—
10	64.6	65.1	65.7	65.1	—	0.0	WNW	3.6	SW	2.7	2.8	—	—	—	—
11	64.3	62.1	61.5	62.6	WSW	3.6	NW	1.3	WNW	2.3	4.0	—	—	—	—
12	59.1	57.1	58.5	58.2	W	4.4	W	6.2	WNW	4.9	3.7	—	—	—	—
13	57.6	54.7	52.3	54.9	W	2.7	W	4.0	SSE	1.6	2.4	—	—	—	—
14	55.0	58.1	58.2	57.1	NNW	4.0	W	1.5	S	1.9	2.8	—	—	—	—
15	55.0	50.4	50.6	52.0	S	3.0	SSW	10.0	WNW	4.8	5.1	—	—	—	—
16	50.1	59.0	61.2	56.8	WNW	2.5	NNW	6.6	—	0.4	4.2	—	—	—	—
17	59.4	58.3	55.0	57.6	—	0.3	WSW	4.0	SSW	2.2	1.4	—	—	—	—
18	49.5	53.0	55.0	52.5	SSW	2.0	NNE	6.9	NE	2.4	3.1	—	0.0	—	0.0
19	54.1	57.4	59.9	57.1	NE	0.9	NNE	4.3	WNW	0.5	2.8	—	0.1	—	0.1
20	60.3	61.8	61.6	61.2	—	0.0	NNW	0.6	S	1.5	0.9	—	—	—	—
21	59.2	55.5	52.1	55.6	S	2.0	SSW	3.6	SSW	4.8	3.9	—	—	—	—
22	50.4	50.0	53.0	51.1	SSW	2.7	N	5.1	NNW	1.8	3.9	—	0.3	0.2	0.5
23	57.1	58.6	58.6	58.1	N	1.2	W	1.1	SSW	1.5	1.3	—	—	—	—
24	55.3	53.6	58.4	55.8	S	2.0	SE	1.5	NNE	3.4	2.5	—	—	—	—
25	62.9	66.0	68.8	65.9	—	0.0	NNE	5.7	—	0.0	3.3	—	—	—	—
26	69.2	66.7	63.0	66.3	—	0.0	WNW	4.2	SSW	1.9	1.9	—	—	—	—
27	57.9	53.8	53.2	55.0	SSW	4.0	SSW	4.6	SW	4.6	4.0	—	—	—	—
28	52.5	51.6	51.0	51.7	SSW	0.8	SSW	0.6	E	1.9	1.2	—	—	—	—
29	52.4	55.5	56.7	54.9	NNW	3.1	NNW	4.4	S	1.6	3.0	0.1	—	—	0.1
30	56.7	52.3	49.0	52.7	SSE	2.9	SSW	6.8	SSW	14.0	4.9	—	—	—	—
31	53.4	53.5	54.7	53.9	WNW	1.0	E	1.3	NNE	3.5	3.5	—	—	—	—
平均 Mean	58.9	58.7	59.0	58.9		2.0		3.8		2.8	2.9	0.4	3.2	0.4	4.0

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION. (mm)
1	88.1	95.3	95.7	93.0	96.1	82.0	14.1	91	94	97	94	10 n	10 n	10 n	10.0	0.00	0.5
2	83.8	82.0	76.8	80.9	96.4	76.6	19.8	83	94	83	87	10 n	0 —	0 —	3.3	5.75	0.8
3	73.8	85.4	94.7	84.6	95.1	73.7	21.4	89	81	94	88	8 c, sc	0 —	10 n	6.0	6.76	0.9
4	78.7	89.9	82.4	83.7	96.3	78.6	17.7	95	92	94	93	9 s, sc	8 c, cs	0 —	5.7	6.90	0.8
5	74.6	84.3	81.3	80.1	86.3	74.2	12.1	89	84	87	87	0 —	8 n	10 n	6.0	4.16	0.8
6	73.9	81.7	75.1	76.9	85.8	72.7	13.1	89	76	90	85	0 —	0 —	0 —	0.0	7.87	0.7
7	72.7	81.7	74.6	76.3	84.6	70.6	14.0	75	79	89	78	0 —	0 —	0 —	0.0	7.88	1.0
8	69.5	80.1	75.0	74.9	85.3	69.2	16.1	85	86	90	87	0 —	0 —	0 —	0.0	7.78	0.9
9	71.0	75.6	72.2	72.9	85.3	70.3	15.0	86	80	88	85	0 —	0 —	0 —	0.0	7.86	0.7
10	69.2	76.4	73.2	72.9	85.2	68.3	16.9	70	91	88	83	0 —	0 —	0 —	0.0	8.10	0.6
11	73.7	86.2	79.6	79.8	88.6	71.7	16.9	89	40	85	71	0 —	0 —	0 —	0.0	8.24	0.7
12	77.5	86.0	81.9	81.8	87.5	72.9	14.6	92	55	76	74	0 —	0 —	0 —	0.0	8.11	0.8
13	74.6	88.5	86.2	83.1	90.1	74.1	16.0	89	49	82	73	0 —	9 c, cs	0 —	3.0	5.43	0.8
14	84.4	87.9	80.7	84.3	90.7	80.7	10.0	89	63	93	82	0 —	0 —	0 —	0.0	8.18	1.3
15	82.1	96.0	94.2	90.8	98.2	79.2	19.0	94	68	88	83	0 —	0 —	10 n	3.3	7.05	1.2
16	85.6	90.8	79.9	85.4	95.1	79.8	15.3	76	43	93	71	0 —	0 —	0 —	0.0	8.19	1.4
17	77.7	90.6	85.6	84.6	93.4	77.2	16.2	92	67	81	80	10 c, cs	0 —	0 —	3.3	6.96	1.0
18	86.1	88.1	80.7	85.0	90.4	80.4	10.0	95	84	86	88	0 —	8 n, ck	0 —	2.7	4.18	0.8
19	79.5	84.7	77.3	80.5	86.3	77.1	9.2	85	84	83	84	8 n	0 —	0 —	2.7	7.40	0.6
20	75.2	84.3	77.4	79.0	96.4	73.8	22.6	90	54	92	79	0 —	0 —	0 —	0.0	8.33	1.0
21	81.1	94.3	93.9	89.8	96.7	76.8	19.9	93	62	91	82	0 —	7 c, cs	0 —	2.3	5.00	1.0
22	92.4	86.7	84.8	88.0	94.6	84.6	10.0	90	95	90	92	10 n	10 n	0 —	6.7	0.00	0.1
23	76.2	86.3	79.0	80.5	86.8	75.8	11.0	91	69	93	84	0 —	0 —	0 —	0.0	8.20	0.8
24	78.7	90.0	86.4	85.0	91.9	78.4	13.5	93	81	91	88	0 —	10 n	0 —	3.3	0.00	0.7
25	76.5	81.8	75.6	78.0	87.9	75.5	12.4	64	76	80	73	0 —	0 —	0 —	0.0	7.81	0.7
26	73.3	85.0	80.1	79.5	86.8	72.9	13.9	66	56	93	72	0 —	0 —	0 —	0.0	8.42	0.8
27	80.1	94.1	87.8	87.4	95.4	79.1	16.3	93	53	91	79	0 —	2 c	0 —	0.7	8.20	1.3
28	80.9	95.5	90.8	89.1	96.1	80.3	15.8	93	88	97	93	0 —	0 —	10 n	3.3	7.46	1.2
29	80.2	89.3	82.3	83.9	91.8	79.6	12.2	93	50	94	82	0 —	0 —	0 —	0.0	8.53	1.0
30	82.3	95.3	96.8	91.5	97.8	79.5	18.3	94	88	69	84	0 —	8 c, n	10 n	6.0	2.27	1.5
31	85.6	95.3	90.7	90.5	97.5	85.6	11.9	90	74	92	85	0 —	10 n	10 n	6.7	1.31	0.8
平均 Mean	78.7	87.4	83.0	83.0	91.5	76.5	15.0	87	73	88	83	2.1	2.9	2.3	2.4	192.33	27.2

* 重力ノ更正 Reduction to standard gravity 0.1
海面ヘノ更正 Reduction to mean sea level ..... + 11.8

洮南

昭和六年一月 TAONAN. JANUARY, 1931.

日 Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	53.4	46.9	45.8	48.7	SW	3.5	E	2.3	N	8.2	3.9	—	0.6	0.2	0.8
2	49.5	51.4	56.2	52.4	N	3.3	N	6.4	N	0.9	4.2	—	—	—	—
3	57.5	53.6	48.9	53.2	N	1.0	N	2.9	NE	4.1	2.9	—	—	0.1	0.1
4	54.7	56.6	61.3	57.5	NNW	0.6	W	4.7	ENE	1.1	2.0	—	—	—	—
5	64.8	65.1	66.7	65.5	ENE	1.1	E	0.6	E	0.6	0.8	—	—	—	—
6	68.0	67.5	66.6	67.4	NE	3.3	ENE	0.9	ESE	1.2	1.4	—	—	—	—
7	67.2	66.4	67.4	67.0	—	0.3	ESE	1.4	—	0.4	1.8	—	—	—	—
8	67.5	66.3	66.5	66.8	ESE	1.5	NW	4.1	WNW	3.5	2.4	—	—	—	—
9	64.3	51.7	60.7	62.2	WNW	2.6	NW	2.9	WNW	2.7	2.5	—	—	—	—
10	61.1	59.8	59.6	60.2	NW	1.6	NNW	4.1	W	4.7	2.9	—	—	—	—
11	57.6	56.5	56.2	56.8	W	4.3	W	8.2	W	4.1	5.4	—	—	—	—
12	55.4	52.2	53.4	53.7	W	2.3	W	1.8	W	5.3	2.8	—	—	—	—
13	52.3	49.8	47.1	49.7	W	2.9	WSW	3.7	SSE	2.9	2.4	—	—	0.2	0.2
14	50.8	54.0	53.3	52.7	NW	3.2	W	1.8	SSE	2.9	2.5	—	—	—	—
15	49.6	44.4	45.4	46.5	S	2.6	SSW	4.1	W	3.5	3.4	—	—	—	—
16	50.6	54.6	57.9	54.4	WSW	3.6	NW	5.5	ESE	2.6	3.5	—	—	—	—
17	55.1	52.5	49.5	52.4	WSW	1.8	SW	2.2	SSW	2.6	3.2	—	—	—	—
18	47.1	50.3	51.8	49.7	N	6.4	N	7.0	WSW	1.3	3.8	—	—	—	—
19	52.0	53.8	54.3	53.4	E	3.8	WNW	1.6	S	2.5	2.3	0.6	0.1	—	0.7
20	56.8	57.6	57.1	57.2	WNW	2.3	W	1.6	S	2.3	3.2	—	—	—	—
21	55.2	50.9	49.2	51.8	S	3.5	SSW	3.5	N	5.3	2.8	—	—	—	—
22	48.4	47.4	49.6	48.5	N	3.5	N	5.3	NNW	1.8	4.0	—	—	0.1	0.1
23	53.4	53.0	52.6	53.0	NNW	2.6	SSW	4.1	S	3.2	3.1	—	—	—	—
24	50.9	65.9	56.4	57.7	S	1.2	WNW	1.9	N	5.3	2.5	—	—	—	—
25	60.7	63.5	64.7	63.0	N	4.1	NW	3.0	W	3.0	2.5	—	—	—	—
26	64.4	60.9	57.0	60.8	W	2.3	W	5.6	SW	4.4	3.9	—	—	—	—
27	50.5	47.9	48.2	48.9	SW	7.4	WSW	3.5	WSW	5.3	4.7	—	—	—	—
28	48.9	48.9	49.2	49.0	WSW	2.6	NW	4.1	W	3.9	3.2	—	—	—	—
29	49.6	50.4	51.8	50.6	W	2.6	SE	3.0	ESE	4.7	2.8	—	—	—	—
30	51.5	46.6	43.5	47.2	ESE	1.8	E	5.1	WSW	5.3	3.2	—	—	—	—
31	48.9	45.0	52.9	48.9	SW	0.9	ENE	0.9	NW	2.0	4.5	—	—	—	—
平均 Mean	55.4	54.9	54.9	55.1		2.7		3.5		3.3	3.0	0.6	0.7	0.6	1.9

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	84.0	86.8	79.3	83.4	88.0	76.6	11.4	89	100	71	87	10 s	10 n	10 n	10.0	7.43	0.2
2	79.1	80.2	74.5	78.0	80.4	74.4	6.0	93	67	100	87	10 n	2 n	0 —	4.0	6.53	0.3
3	75.7	80.3	79.5	78.5	80.6	72.6	8.0	91	80	100	90	10 s	10 n	4 n	8.0	3.39	0.3
4	76.9	86.1	76.3	79.8	87.4	73.2	14.2	83	65	92	80	7 sk	3 c	3 c	4.3	4.24	0.3
5	77.3	82.6	78.4	79.4	84.6	75.9	8.7	92	73	93	86	9 s	8 ck	8 cs	8.3	4.62	0.4
6	74.0	81.8	72.1	76.0	82.1	68.2	13.9	79	77	100	85	0 —	0 —	1 s	0.3	8.04	0.4
7	71.9	78.0	72.5	74.1	79.7	68.4	11.3	88	62	88	79	10 s	3 s	0 —	4.3	6.99	0.4
8	72.9	76.6	71.1	73.5	78.6	66.4	12.2	100	92	100	97	0 —	0 —	0 —	0.0	8.10	0.4
9	66.1	75.9	71.2	71.1	76.0	63.8	12.2	100	48	23	57	0 —	0 —	0 —	0.0	8.07	0.3
10	66.9	78.3	73.7	73.0	80.2	63.6	16.6	61	77	59	66	0 —	5 c	0 —	1.7	8.14	0.6
11	75.1	85.6	76.7	79.1	86.2	72.0	14.2	80	59	83	74	0 —	0 —	0 —	0.0	8.26	0.7
12	73.7	84.7	80.1	79.5	86.0	72.3	13.7	89	72	80	80	0 —	1 cs	0 —	0.3	7.65	0.4
13	72.6	86.7	85.1	81.5	88.2	70.8	17.4	88	75	86	83	0 —	6 c	0 —	2.0	8.33	0.5
14	79.3	84.1	79.5	81.0	84.6	73.2	11.4	85	89	86	87	0 —	0 —	0 —	0.0	7.05	0.5
15	79.1	89.1	88.2	85.5	90.7	75.8	14.9	85	77	55	73	0 —	7 c	0 —	2.3	7.90	0.6
16	80.1	89.3	76.1	81.8	90.8	75.2	15.6	86	57	81	75	0 —	0 —	0 —	0.0	8.39	0.8
17	75.8	88.5	86.1	83.5	91.0	72.6	18.4	73	76	82	77	0 —	1 cs	0 —	0.3	7.62	0.7
18	82.1	86.3	77.1	81.8	86.8	74.5	12.3	77	100	83	87	7 n	0 —	0 —	2.3	7.89	0.6
19	77.9	80.6	74.1	77.5	81.2	73.8	7.4	84	87	59	77	10 n	0 —	0 —	3.3	6.65	0.5
20	71.8	82.7	76.5	76.8	82.8	70.0	12.8	93	78	67	79	0 —	0 —	8 sc	2.7	6.40	0.5
21	77.9	88.3	82.3	82.8	89.9	74.0	15.9	77	72	89	79	0 —	4 c	0 —	1.3	8.01	0.5
22	79.1	83.7	80.2	81.0	83.8	77.8	6.0	85	36	86	69	0 —	10 cs	0 —	3.3	2.39	0.3
23	74.9	82.0	77.3	78.1	83.8	71.0	12.8	62	82	84	76	0 —	3 sc	0 —	1.0	8.59	0.5
24	80.7	86.6	76.7	81.3	88.0	76.2	11.8	87	87	83	86	0 —	10 sc	0 —	3.3	3.84	0.5
25	75.9	79.3	73.1	76.1	80.2	72.2	8.0	73	78	78	76	0 —	0 —	0 —	0.0	8.34	0.4
26	69.8	87.1	82.7	79.9	88.6	68.0	20.6	85	60	89	78	0 —	0 —	0 —	0.0	8.57	0.8
27	80.9	95.3	88.3	88.2	96.4	80.4	16.0	81	72	62	72	0 —	1 c	0 —	0.3	8.61	1.2
28	82.3	88.1	81.7	84.0	89.0	79.9	9.1	83	69	53	68	0 —	0 —	0 —	0.0	7.99	0.7
29	79.3	88.6	81.5	83.1	90.4	78.6	11.8	100	65	71	79	7 sc	0 —	0 —	2.3	8.52	0.3
30	76.6	91.6	88.1	85.4	94.0	76.3	17.7	83	76	96	85	0 —	10 n	5 cs	5.0	2.68	0.4
31	77.9	89.1	81.5	82.8	90.4	77.2	13.2	92	77	82	84	0 —	10 n	0 —	3.3	3.58	0.5
平均 Mean	76.4	84.6	78.8	79.9	85.8	73.1	12.8	85	74	79	79	2.6	3.4	1.3	2.4	214.81	16.0

* 重力ノ更正 Reduction to standard gravity ····· — 0.0
海面ヘノ更正 Reduction to mean sea level ····· + 15.3

齊々哈爾

昭和六年一月 TSITSIKHAR. JANUARY, 1931.

日 Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total.
1	53.8	48.7	45.7	49.4	NE	1.5	ENE	1.4	N	3.8	2.8	—	0.2	1.1	1.3
2	46.8	51.1	55.4	51.1	W	6.5	W	6.2	W	2.5	5.2	0.3	—	—	0.3
3	57.6	54.4	48.9	53.6	WNW	0.5	WNW	3.6	W	3.7	2.4	—	—	0.3	0.3
4	50.4	56.0	59.3	55.2	NNW	3.9	NNW	2.3	WNW	3.5	3.4	0.1	—	—	0.1
5	62.0	63.2	65.8	63.7	S	0.9	SSW	3.5	SW	2.8	2.7	—	—	—	—
6	66.5	64.9	65.3	65.6	SW	3.2	SSW	2.7	SE	2.2	2.3	—	—	—	—
7	65.4	65.9	66.3	65.9	NNW	5.5	W	1.3	W	2.6	2.2	—	—	—	—
8	66.0	65.0	64.4	65.1	S	1.1	SSW	3.9	SSW	3.2	1.9	—	—	—	—
9	62.0	59.5	59.1	60.2	SSW	2.6	SW	3.0	SSW	2.5	2.2	—	—	—	—
10	57.7	56.1	55.9	56.6	SSW	3.3	SSW	0.7	ESE	4.5	2.3	—	—	—	—
11	51.0	53.8	53.4	53.7	SSE	1.8	S	2.0	E	0.8	1.3	—	—	—	—
12	50.4	50.6	51.1	50.7	—	0.0	SE	2.7	SSW	4.4	1.8	—	—	—	—
13	49.7	47.6	47.3	48.2	SSW	1.8	—	0.1	NNW	1.8	1.6	—	—	—	—
14	49.7	51.3	51.5	50.8	W	1.2	S	1.2	E	1.3	1.0	—	—	—	—
15	47.7	43.6	44.3	45.2	E	0.5	E	0.7	SW	3.7	1.6	—	—	—	—
16	48.1	52.9	55.6	52.2	SSW	3.1	SSW	5.7	ESE	0.8	2.6	—	—	—	—
17	53.8	50.9	48.1	50.9	SE	1.0	ESE	0.5	—	0.3	1.3	—	—	—	—
18	48.7	49.0	50.9	49.5	WNW	3.7	SW	0.8	S	1.3	2.4	—	—	—	—
19	51.5	52.1	53.4	52.3	—	0.0	S	1.2	—	0.4	0.7	—	—	—	—
20	51.5	55.0	55.2	54.9	SW	3.3	SSW	2.7	ESE	0.9	2.0	—	—	—	—
21	52.6	50.8	49.8	51.1	—	0.3	NNE	2.3	NNW	2.0	1.5	—	—	—	—
22	48.1	46.8	48.5	47.8	WSW	5.9	W	7.1	W	7.1	3.2	0.0	0.0	—	0.0
23	50.5	51.1	51.7	51.1	WSW	3.2	S	2.7	E	1.5	1.8	—	—	—	—
24	50.4	50.9	54.7	52.0	ENE	0.9	WNW	3.6	WSW	1.3	1.7	—	—	—	—
25	59.9	61.7	63.0	61.5	SW	1.6	SW	4.2	SW	1.9	2.6	—	—	—	—
26	61.4	58.1	52.3	57.3	SSW	3.3	SSE	3.3	E	2.1	2.4	—	—	—	—
27	47.7	47.1	46.8	47.2	WSW	4.7	E	1.7	E	0.9	1.9	—	—	—	—
28	47.1	48.5	49.2	48.3	SW	3.2	WNW	3.6	WNW	1.1	1.7	—	—	—	—
29	47.7	48.8	50.6	49.0	NNW	1.1	SSW	2.6	E	1.6	1.3	—	—	—	—
30	50.1	48.1	42.7	47.0	NE	1.4	NNE	1.9	W	3.4	1.7	—	—	0.3	0.3
31	46.2	49.1	51.6	49.0	SW	5.0	SE	1.8	SW	5.5	1.9	0.0	—	—	0.0
平均 Mean	53.5	53.6	53.2	53.4		2.5		2.6		2.4	2.1	0.4	0.2	1.7	2.3

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	74.5	81.4	82.8	79.5	84.9	71.9	13.0	69	76	77	74	0 —	10 n	10 n	6.7	0.00	0.4
2	78.5	78.1	75.0	77.2	84.9	73.8	11.1	70	62	62	65	2 sk	0 —	0 —	0.7	6.52	0.6
3	74.0	76.9	78.5	76.5	84.6	70.2	14.4	45	67	70	61	10 kn	10 kn	10 n	10.0	0.00	0.2
4	73.9	78.6	73.6	75.4	84.8	69.9	14.9	53	55	45	51	0 —	0 —	0 —	0.0	7.40	0.5
5	71.8	79.0	74.4	75.1	84.8	69.6	15.2	47	62	59	56	8 cs	8 c	10 cs	8.7	5.92	0.6
6	64.8	74.9	71.0	70.2	84.6	64.6	20.0	36	59	60	52	0 —	0 —	0 —	0.0	7.60	0.6
7	66.4	74.6	72.9	71.3	84.8	63.8	21.0	64	56	40	53	0 —	0 —	0 —	0.0	7.70	0.4
8	67.5	74.6	67.8	70.0	84.7	63.4	21.3	32	49	38	40	2 c	0 —	0 —	0.7	7.23	0.4
9	63.5	72.6	66.4	67.5	84.7	63.1	21.6	27	40	45	37	0 —	0 —	0 —	0.0	7.80	0.8
10	65.6	76.4	72.6	71.5	84.8	62.3	22.5	48	56	51	52	0 —	2 c	0 —	0.7	7.30	0.4
11	70.2	80.7	74.6	75.2	84.7	66.3	18.4	42	61	80	61	5 cs	5 c	0 —	3.3	6.02	0.7
12	70.5	83.6	76.1	76.7	84.8	68.8	16.0	56	63	64	61	9 ck	10 ck	0 —	6.3	7.15	0.8
13	71.0	79.9	76.1	75.7	84.7	67.8	16.9	29	34	64	42	0 —	10 cs	0 —	3.3	5.50	0.5
14	68.8	78.5	75.0	74.1	84.7	64.5	20.2	54	62	80	65	0 —	0 —	0 —	0.0	7.33	0.6
15	71.0	79.5	73.5	74.7	84.6	69.7	14.9	47	65	66	59	0 —	10 c	0 —	3.3	6.20	0.8
16	74.4	83.4	75.0	77.6	84.8	70.1	14.7	49	58	62	56	0 —	0 —	0 —	0.0	7.60	0.5
17	74.0	83.6	74.8	77.5	84.7	71.0	13.7	69	68	69	69	0 —	4 c	0 —	1.3	5.46	0.4
18	71.0	77.6	70.9	73.2	84.6	69.6	15.0	47	75	60	61	10 cs	0 —	0 —	3.3	7.25	1.0
19	70.6	75.9	73.6	73.4	84.6	66.0	18.6	56	73	78	69	10 s	1 s	0 —	3.7	6.40	0.5
20	71.6	80.6	75.0	75.7	84.6	67.7	16.9	60	73	62	65	0 —	0 —	0 —	0.0	7.90	0.5
21	71.6	81.2	81.5	78.1	84.6	69.0	15.6	34	70	76	60	10 kn	10 kc	4 kc	8.0	0.00	0.6
22	77.0	81.5	78.5	79.0	84.5	75.4	9.1	56	70	62	63	5 n	5 c	0 —	3.3	7.25	0.7
23	74.2	80.2	74.1	76.2	84.6	69.2	15.4	69	61	69	66	0 —	0 —	0 —	0.0	7.80	0.6
24	70.1	78.2	71.3	73.2	84.6	69.7	14.9	42	70	60	57	0 —	0 —	0 —	0.0	6.10	0.7
25	68.5	79.5	72.1	73.4	84.6	66.4	18.2	37	65	34	45	0 —	0 —	0 —	0.0	8.10	0.6
26	69.0	83.7	81.0	77.9	85.2	68.8	16.4	39	63	76	59	0 —	0 —	0 —	0.0	7.60	0.8
27	82.2	85.9	79.5	82.5	87.1	75.9	11.2	58	63	71	64	0 —	0 —	0 —	0.0	7.00	0.8
28	75.0	87.8	82.1	81.6	88.3	73.9	14.4	62	67	71	67	0 —	6 c	10 c	5.3	8.55	0.8
29	75.1	83.4	79.0	79.2	85.2	73.5	11.7	80	78	71	76	0 —	3 c	0 —	1.0	8.20	0.7
30	73.0	82.0	85.9	80.3	86.7	72.4	14.3	56	77	81	71	10 cs	10 kn	10 n	10.0	3.45	0.5
31	77.1	86.0	80.7	81.3	88.4	72.9	15.5	83	82	61	75	0 —	0 —	0 —	0.0	8.20	0.8
平均 Mean	71.8	80.0	75.6	75.8	85.1	69.1	16.0	52	64	63	60	2.6	3.4	1.7	2.6	196.53	18.8

* 重力ノ更正 Reduction to standard gravity……+ 0.1
海面ヘノ更正 Reduction to mean sea level……+ 21.4

昭和六年二月二十五日印刷
昭和六年二月二十八日發行

關東廳觀測所
大連市八幡町三十五番地

大連市大山通六十三番地
印刷人 太田信三

大連市大山通六十三番地
印刷所 小林又七支店

昭和六年二月

滿洲氣象表

REPORT

OF THE

METEOROLOGICAL OBSERVATIONS

MADE AT THE

METEOROLOGICAL STATIONS

IN

MANCHURIA.

FEBRUARY, 1931.

PUBLISHED BY THE METEOROLOGICAL OBSERVATORY, DAIREN.

凡　例

本編ハ昭和六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卽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

氣壓ハ粍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卽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

平均雲量二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, 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 uwoqs 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	Y	Ice columns in ground	波狀雲	∞	Undulated cloud	黃砂	≈	Yellow dust
朝焼 夕焼	⌣	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) 現象ノ强サ *The intensity of the phenomena*

現象ノ强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　强雨 $●^2$ 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
强震(弱キ方)	$⦶^{(4)}$	strong	强震	$⦶^{(5)}$	very strong	烈震	$⦶^{(6)}$	disastrous

大　連

昭和六年二月　　DAIREN.　　FEBRUARY, 1931.

氣壓* (粍) AIR PRESSURE. (mm) (700 mm +)							風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.												降水量 (粍) AMOUNT OF PRECIPITATION. (mm)						
2h	6h	10h	14h	18h	22h	平均 Mean	2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h	22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	計 Total
53.5	52.5	54.1	53.0	54.6	55.8	53.9	SSE	1.3	—	0.2	ENE	1.8	S	2.7	NNW	2.8	NNW	4.8	2.1	—	—	—	—	—	—	—
55.8	55.2	55.6	54.0	53.8	54.2	54.8	NNW	3.8	NW	1.8	NNW	1.4	NW	2.1	SSE	1.2	SSE	0.9	2.3	—	—	—	—	—	—	—
55.2	54.6	56.5	55.0	56.1	56.2	55.6	NW	1.5	—	0.0	NNW	5.1	NNW	5.2	NNW	5.9	NNW	5.8	3.4	—	—	—	—	—	—	—
55.8	55.4	55.9	54.8	56.3	56.4	55.8	NNW	8.3	NNW	6.7	NNW	5.5	NNW	4.6	N	8.1	N	7.1	6.7	—	—	—	—	—	—	—
57.9	58.9	60.5	60.5	63.1	64.7	61.0	N	10.2	N	10.0	N	17.3	NNW	13.2	N	14.2	N	15.2	12.7	—	—	—	—	—	—	—
65.4	65.7	67.8	66.5	67.5	68.8	67.0	N	14.2	N	10.8	N	10.9	N	9.9	N	5.5	N	2.9	9.5	—	—	—	—	—	—	—
69.4	70.3	71.6	69.7	69.3	69.6	70.0	N	3.3	N	5.8	N	6.4	NNW	6.5	NNW	3.0	WSW	2.7	4.5	—	—	—	—	—	—	—
68.4	66.5	66.0	63.9	64.3	64.1	65.5	SW	4.7	WSW	3.4	W	2.1	SSW	2.2	SSW	3.3	SSE	0.6	2.9	—	—	—	—	0.0	0.3	0.3
63.6	63.2	63.4	63.5	64.7	66.2	64.1	S	1.5	NE	6.7	NNE	6.5	NNW	3.4	NNW	3.9	NNW	5.7	4.0	1.0	0.8	0.1	—	—	—	1.9
67.1	67.7	67.9	68.1	68.4	69.1	68.1	NNW	2.3	NW	2.0	NNW	1.4	NW	5.3	NNW	4.9	NW	1.4	2.9	—	—	—	—	—	—	—
69.3	69.2	69.3	67.9	67.7	67.4	68.5	NW	1.8	NE	2.9	SE	3.3	S	4.7	SSW	5.0	SSW	3.0	2.6	—	—	—	—	0.0	—	0.0
67.0	65.6	66.1	64.4	63.7	63.4	65.0	SSW	5.8	SSW	3.7	SSW	6.1	SSW	6.0	S	3.2	SSW	2.6	5.2	—	—	—	—	—	—	—
62.4	61.3	61.7	61.1	63.0	64.5	62.3	SSW	3.8	SSW	4.2	NW	3.4	NNW	9.3	NNW	8.5	NNW	7.6	5.5	—	—	—	—	—	—	—
65.3	64.8	65.2	63.3	63.6	64.0	64.4	NNW	3.0	NNW	3.0	N	6.4	NNW	4.3	NNW	4.0	NNW	2.2	4.3	—	—	—	—	—	—	—
63.1	61.9	64.2	62.5	64.0	65.6	63.6	NW	1.5	NW	0.8	NW	1.1	NNE	1.6	NNW	1.9	NNW	4.7	1.6	—	—	—	—	—	—	—
65.6	65.9	67.7	66.8	67.6	67.3	66.8	N	7.9	NNW	6.7	NNW	7.2	NNW	6.4	NW	3.8	NW	1.0	5.6	—	—	—	—	—	—	—
67.4	66.8	66.3	64.5	63.9	63.8	65.5	SW	4.4	WNW	2.0	WNW	0.5	NNW	3.2	NW	3.4	SW	1.6	2.5	—	—	—	—	—	—	—
63.5	63.6	64.1	61.6	60.3	60.1	62.[illegible]	NW	3.1	NNW	3.2	N	2.4	SSW	5.0	SSW	6.5	SSW	6.1	3.8	—	—	—	—	—	—	—
59.7	58.7	59.3	58.3	59.3	61.4	59.5	SW	5.5	SW	5.4	WSW	1.7	SSW	6.7	WNW	3.1	NNW	2.1	4.4	—	—	—	—	—	—	—
63.0	64.5	65.7	63.6	65.6	65.7	64.7	NW	2.3	—	0.1	N	2.8	N	6.0	NW	2.2	NW	1.3	2.6	—	—	—	—	—	—	—
65.3	64.5	64.3	62.0	62.0	62.1	63.4	NW	1.6	—	0.0	NE	1.3	S	2.6	S	3.7	S	3.7	1.7	—	—	—	—	—	—	—
61.3	60.0	60.3	59.0	59.1	60.1	60.0	SW	1.2	WSW	1.3	NW	2.9	NNW	4.0	NNW	1.6	NNW	0.6	2.5	—	—	—	—	—	—	—
60.4	61.6	62.9	62.1	62.7	63.8	62.3	N	1.7	N	6.3	N	9.2	N	9.9	NNW	8.1	SW	3.2	6.5	—	—	—	—	—	—	—
63.0	61.3	61.0	58.3	58.2	58.1	60.0	WSW	4.0	W	3.2	NW	8.2	NW	8.6	NW	3.3	SSW	4.8	5.1	—	—	—	—	—	—	—
57.6	56.7	57.1	55.4	56.3	58.5	56.9	SW	6.0	SW	6.4	W	8.3	SW	6.0	WNW	4.8	NW	3.1	4.5	—	—	—	—	—	—	—
58.9	58.5	60.0	58.0	58.4	59.0	58.8	NNW	2.3	SW	4.7	SW	4.7	NW	5.4	NNW	2.0	S	3.4	3.6	—	—	—	—	—	—	—
57.8	55.9	55.8	56.9	60.0	63.7	58.4	S	9.0	S	9.1	SSW	6.3	NNW	15.2	N	10.3	N	14.6	9.3	—	—	—	—	—	—	—
65.8	67.3	68.7	66.5	67.3	67.9	67.3	N	11.4	N	8.3	N	8.5	NNW	10.0	NW	5.7	WSW	2.3	8.5	—	—	—	—	—	—	—
62.4	62.1	62.8	61.5	62.2	62.9	62.3		4.6		4.2		5.1		6.1		4.8		4.1	4.7	1.0	0.8	0.1	—	0.0	0.3	2.2

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 (粍) AMOUNT OF EVAPORATION.
2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range	2h	6h	10h	14h	18h	22h	平均 Mean	6h	10h	14h	18h	22h	平均 Mean		
0.6	99.3	0.3	2.1	98.3	95.2	99.3	2.5	95.2	7.3	88	98	92	84	90	91	91	10 cs	10 sc	10 n	10 sc	10 cs	10.0	0.20	1.1
93.2	91.4	93.8	96.3	97.9	98.2	95.1	98.5	91.2	7.3	80	86	79	70	73	77	78	1 ck	10 sk	10 n	10 sk	10 sk	8.2	0.00	0.7
98.7	98.6	96.8	97.6	95.3	92.6	96.6	98.8	92.5	6.3	79	83	76	45	47	48	63	10 sk	10 sk	10 n	10 s	10 n	10.0	0.00	1.8
92.0	91.3	91.2	92.0	92.0	91.4	91.7	92.6	90.9	1.7	60	57	60	58	58	54	58	10 sk	10 sc	10 sc	10 sc	10 sc	10.0	0.00	1.6
90.0	89.2	92.0	90.7	88.8	88.0	89.8	92.4	87.4	5.0	61	59	32	37	44	41	46	3 c	10 cs	10 ∞	10 sc	0 —	6.6	3.10	2.9
86.1	83.0	84.1	86.7	86.0	85.6	85.3	88.1	81.7	6.4	42	46	40	37	46	49	43	10 cs	0 c	0 —	0 —	0 —	2.0	8.90	1.5
85.1	83.0	85.5	88.5	86.9	85.8	85.8	88.8	82.6	6.2	46	41	36	25	30	41	37	0 —	0 —	0 —	0 c	0 —	0.0	9.00	1.3
89.3	90.4	93.9	96.8	94.1	93.4	93.0	97.1	85.6	11.5	64	62	48	45	65	90	62	0 —	6 cs	10 cs c, k	10 n	10 n, s	7.2	7.00	0.7
93.8	93.2	92.6	93.8	91.8	90.5	92.6	95.1	90.1	5.0	87	100	84	73	76	68	81	10 n	10 sc, n	10 sk	10 c	0 —	8.0	1.40	0.9
88.4	88.0	91.1	92.4	90.2	88.4	89.8	92.7	87.4	5.3	73	48	41	59	51	46	54	3 c	2 sc	10 sc, cs	1 sc	0 —	3.2	7.80	1.2
88.4	89.0	95.6	98.6	96.3	95.6	93.9	98.6	88.1	10.5	47	62	44	51	63	64	55	0 —	1 c	4 k, sk	8 sk, c	0 —	2.6	8.40	1.7
96.8	96.6	1.2	2.1	98.0	98.5	98.9	2.5	95.5	7.0	71	68	57	55	75	70	66	4 c, sc	0 —	3 c, sk	6 ck	10 ck, sk	4.6	9.10	2.0
98.8	99.6	98.6	96.4	93.4	90.8	96.3	0.2	90.6	9.6	62	63	80	65	49	49	61	10 sc	10 sk, cs	10 c	10 cs	0 —	8.0	3.80	2.1
89.3	88.0	91.8	93.6	91.4	90.0	90.7	94.4	87.4	7.0	46	48	26	25	42	53	40	2 c	10 cs	10 sc	10 sc	4 sc, cs	7.2	7.20	1.8
90.0	90.6	92.8	94.2	94.4	92.4	92.4	94.7	89.1	5.6	54	55	45	41	36	59	48	10 sk	10 sc	10 sc	10 cs	10 sc	10.0	0.00	2.0
90.8	89.0	91.4	93.5	92.2	91.8	91.5	94.1	88.7	5.4	46	51	54	39	56	64	52	1 c	0 —	0 —	0 —	0 —	0.2	9.20	1.6
94.5	94.2	97.4	99.4	95.5	93.6	95.8	1.2	91.7	9.5	62	73	40	31	47	50	51	6 c, cs	4 c	1 c	10 c	0 —	4.2	9.20	1.9
95.2	93.4	96.8	0.8	97.0	96.8	96.7	1.3	92.4	8.9	57	58	32	30	50	47	46	0 —	0 —	0 cs	8 c	0 —	1.6	9.40	2.4
98.0	98.5	2.9	4.6	99.6	96.8	0.1	5.9	96.7	9.2	43	39	50	57	65	97	59	0 c	3 c	3 c, k	1 cs	3 sc	2.0	9.80	2.3
97.3	94.7	98.1	0.0	96.6	94.6	96.9	0.8	94.3	6.5	66	47	28	20	47	63	45	0 —	10 cs	10 c	3 c	0 —	4.6	9.10	2.2
94.6	95.0	98.9	0.1	98.3	99.1	97.7	0.3	94.0	6.3	65	58	56	50	53	61	57	5 c	10 sk	10 sc	10 ck, sc	10 sc	9.0	0.70	1.4
98.0	97.1	1.2	2.9	98.9	98.2	99.4	3.7	96.5	7.2	73	69	57	36	61	48	57	0 —	0 —	0 —	0 —	0 —	0.0	9.88	2.4
95.6	93.1	93.2	92.8	91.6	90.3	92.9	98.2	90.6	7.6	66	54	46	32	39	49	48	4 c	8 ck	0 —	0 —	0 —	2.4	8.10	2.4
92.5	93.5	97.8	98.9	95.9	95.8	95.7	0.1	90.7	9.4	54	69	23	23	43	62	46	0 —	0 —	0 k	0 —	0 —	0.0	10.30	3.0
97.4	97.9	2.9	3.2	99.2	95.8	99.4	4.7	95.5	9.2	49	61	24	45	31	86	49	0 —	3 kc, s	5 c	4 c	0 —	2.4	7.20	2.5
94.4	95.0	1.8	2.4	98.0	97.8	98.2	4.8	93.5	11.3	57	38	41	30	70	68	51	0 —	10 cs	0 —	0 —	0 —	2.0	9.30	2.8
98.7	0.9	6.8	0.4	98.3	95.7	0.1	7.4	95.5	11.9	88	61	41	39	25	31	48	0 —	0 —	10 cs	7 c	0 —	3.4	7.75	5.3
93.6	91.3	93.1	94.8	93.8	93.4	93.3	95.8	90.9	4.9	42	50	43	35	43	55	45	0 k	0 —	0 s	0 —	0 —	0.0	10.30	2.3
93.6	93.0	95.8	97.0	94.6	93.5	94.6	98.4	90.9	7.5	62	61	49	44	53	60	55	3.5	5.3	5.6	5.6	3.1	4.6	176.13	55.8

* 重力ノ更正　Reduction to standard gravity……— 0.4
海面ヘノ更正　Reduction to mean sea level……+ 9.5

大　連

DAIREN.

昭和六年二月　　FEBRUARY, 1931.

日 Day	水蒸氣ノ張力 (粍) TENSION OF VAPOUR (mm) 2h	6h	10h	14h	18h	22h	平均 Mean	地面溫度(攝氏) EARTH TEMP. ON THE SURFACE (°C) 6h	14h	22h	平均 Mean	地中溫度 (攝氏) EARTH TEMPERATURE. (°C) 0.1m	0.2m	0.3m	0.5m	1.0m	2.0m	3.0m	4.0m	5.0m	最低地溫(攝氏) MIN. TEMP. ON GRASS (°C)	最高日溫(攝氏) MAX. TEMP. (BLACK BULB)
1	4.2	4.3	4.3	4.5	3.6	2.9	4.0	98.9	2.5	99.0	0.1	99.7	99.1	99.5	99.8	1.3	4.3	6.6	8.8	10.1	93.8	9
2	2.2	2.1	2.3	2.5	2.9	3.1	2.5	95.6	99.1	98.5	97.7	98.1	98.8	99.5	99.9	1.5	3.9	6.4	8.7	9.9	89.6	0
3	3.3	3.4	2.8	1.7	1.5	1.3	2.3	98.8	99.6	95.8	98.1	98.8	98.6	99.3	99.6	1.6	3.7	6.5	8.7	9.9	91.3	0
4	1.5	1.4	1.4	1.5	1.5	1.3	1.4	94.8	95.8	94.2	94.9	96.3	97.1	98.5	99.5	1.5	3.9	6.4	8.5	9.9	90.4	96
5	1.3	1.2	0.8	0.8	0.9	0.8	1.0	91.8	94.8	91.0	92.5	94.4	95.2	90.9	98.9	1.6	3.9	6.4	8.5	9.9	87.0	96
6	0.7	0.6	0.5	0.6	0.7	0.7	0.6	87.9	94.1	88.0	90.0	90.8	92.9	95.1	97.9	1.5	3.9	6.4	8.5	9.8	82.0	93
7	0.7	0.5	0.5	0.5	0.5	0.6	0.6	86.0	96.0	87.7	89.9	89.8	91.5	93.4	96.5	1.0	3.9	6.2	8.3	9.6	81.0	95
8	1.3	1.4	1.4	1.6	1.9	2.5	1.7	89.2	1.1	95.4	95.2	91.6	92.2	93.6	96.3	0.8	3.9	6.2	8.3	9.6	83.8	7
9	2.5	2.8	2.2	2.1	1.9	1.5	2.2	95.0	97.5	94.7	95.7	96.4	93.2	96.8	97.7	0.7	3.7	6.1	8.2	9.5	87.7	6
10	1.4	0.9	0.9	1.5	1.2	0.9	1.1	93.6	96.5	92.5	94.2	94.5	95.3	96.7	98.0	0.7	3.7	6.2	8.2	9.4	83.0	2
11	0.9	1.2	1.5	2.1	2.2	2.1	1.7	91.3	1.2	94.2	95.6	93.1	93.9	95.5	97.5	0.7	3.6	6.1	8.2	9.6	83.0	7
12	2.6	2.4	2.8	2.9	3.0	2.9	2.8	94.5	3.0	97.7	98.4	95.9	95.8	96.8	98.0	0.7	3.4	5.9	8.1	9.4	93.0	11
13	2.6	2.8	3.3	2.3	1.4	1.1	2.3	98.2	0.7	93.5	97.5	98.6	98.1	98.6	99.0	0.8	3.4	5.9	8.0	9.4	89.0	4
14	0.9	0.9	0.6	0.7	1.0	1.2	0.9	90.7	99.4	92.4	94.2	93.6	94.9	96.7	98.5	0.8	3.4	5.7	8.0	9.4	86.0	2
15	1.2	1.2	1.2	1.2	1.1	1.5	1.2	93.0	95.4	94.0	94.1	94.4	94.8	96.1	98.0	1.0	3.4	5.7	8.0	9.4	85.8	98
16	1.1	1.0	1.3	1.1	1.4	1.6	1.3	90.7	1.2	91.2	94.4	93.6	94.5	95.9	97.6	0.7	3.4	5.5	7.9	9.1	87.2	1
17	1.9	2.2	1.5	1.4	1.5	1.4	1.7	91.2	4.9	93.4	96.5	94.3	94.5	95.9	97.5	0.8	3.4	5.4	7.8	9.1	87.2	12
18	1.8	1.6	1.2	1.4	1.8	1.7	1.6	92.9	6.4	95.8	98.4	95.1	95.5	96.7	98.0	0.6	3.2	5.4	7.7	9.1	90.4	12
19	1.7	1.6	2.8	3.6	2.9	3.5	2.7	95.4	7.9	98.1	0.5	97.3	97.0	98.0	98.5	0.6	3.2	5.6	7.7	8.9	94.4	18
20	2.5	1.5	1.1	0.9	1.7	1.9	1.6	94.7	4.7	96.5	98.6	97.7	97.9	98.8	99.4	0.8	3.2	5.6	7.7	9.0	92.4	11
21	2.0	1.8	2.3	2.3	2.1	2.6	2.2	95.0	3.0	98.8	98.9	97.6	97.8	98.8	99.3	0.8	3.1	5.4	7.4	8.9	91.0	7
22	2.9	2.5	2.3	2.0	2.5	1.9	2.4	95.2	7.0	96.3	99.5	97.9	98.0	99.0	99.5	0.8	3.0	5.2	7.5	8.9	92.3	11
23	2.2	1.5	1.3	0.9	1.0	1.1	1.3	94.7	1.0	92.6	96.1	97.5	98.0	99.0	99.5	0.9	2.9	5.4	7.5	8.9	87.9	0
24	1.4	2.0	0.9	1.0	1.5	2.1	1.5	92.2	6.6	95.0	97.9	95.4	95.8	97.3	99.0	0.9	3.0	4.8	7.5	8.8	88.5	10
25	1.9	2.4	1.4	2.6	1.3	2.9	2.1	96.0	7.8	96.8	0.2	97.6	97.2	98.3	99.2	1.0	3.0	4.9	7.5	8.8	93.6	14
26	1.7	1.2	2.2	1.7	2.8	2.6	2.0	94.3	7.8	97.7	99.9	97.7	97.8	98.9	99.4	0.9	2.9	4.9	7.2	8.7	89.6	7
27	3.7	3.0	3.0	1.8	1.0	1.0	2.3	98.1	4.2	97.7	0.0	99.4	99.1	99.5	99.7	1.0	2.9	4.9	7.3	8.7	94.0	16
28	1.2	1.2	1.2	1.1	1.2	1.5	1.2	94.0	3.1	93.8	97.0	97.6	98.4	99.5	99.7	1.0	2.9	4.6	7.1	8.4	89.7	1
29																						
30																						
31																						
平均 Mean	1.9	1.8	1.8	1.7	1.7	1.8	1.8	93.7	1.5	94.7	96.6	95.9	96.3	97.2	98.6	1.0	3.4	5.7	5.7	9.3	88.7	5

記　事 REMARKS.

日 Day			
1	⊔¹a.◐¹p.	☰°4h20-☰15h10-☰°9h30-10h35.	⊟°a.¹p.
2	⊔°a.◐²p.		⊟¹a.°p.
3	∞¹a.		⊟²a.²p.
4	♏ᶜa.		⊟²a.p.
5	⊕²a.	♒°10h45-♒¹13h08-♒°23h00-	♐2.6h- ⊟²a.p.
6	◐°a.	-♒°7h00.	-♐-13h.
7			⊟²a.p.
8	⊕`a.p.	⚹°17h50-	⊟²a.p.
9		-⚹°-1h30.⚹°3h20-9h03.	⊟ a p.
10	∞¹a.		⊟²a p.
11		⚹°14h34-15h10.	⊟²a.¹p.
12			⊟²a-p.
13			⊟°a.²p.
14	⊕°a.		⊟²a p.
15	∞¹a.∞°p.		⊟²a.¹p.
16			⊟²a.¹p.
17	⊔°a.		⊟¹a.p.
18			⊟¹a.p.
19	⊔°p.		⊟¹a.³p.
20	⊔¹⊕²∞²p.		⊟¹a. p.
21			⊟¹a.°p.
22	⊔°a.∞°p.		⊟¹a.°p.
23	♒°p.	♐12.13.16.17h.	⊟¹a.²p.
24			⊟²a.¹p.
25			⊟¹a.p.
26			⊟¹a.p.
27		♒¹11h05-♒°17h30-20h30	♐3.11.13-18.20h- ⊟¹a.p.
28			-♐-4.13-14h.
29			
30			
31			

營口

昭和六年二月 YINGKOW. FEBRUARY, 1931.

日 Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	合計 Total
1	61.8	61.9	63.4	64.0	66.5	67.1	64.1	SE	0.5	NNE	5.8	NNE	4.1	NNE	5.0	NNE	5.9	NNE	5.9	4.5	—	0.0	0.3	0.1	0.0	—	0.4
2	66.8	66.0	65.1	62.5	62.4	64.0	64.5	NNE	4.7	NNE	2.9	NNE	4.8	NE	2.1	NE	2.3	NNE	2.2	3.6	—	—	—	—	—	—	—
3	65.0	65.2	67.9	68.1	69.0	68.4	67.3	NNE	2.0	NNE	4.4	NNE	7.0	NNE	8.2	NNE	8.2	NNE	5.3	5.1	—	—	—	—	—	—	—
4	68.6	67.9	68.5	65.5	66.8	67.5	67.5	NNE	5.8	NNE	8.8	NNE	7.6	NNE	6.8	NNE	6.4	NNE	6.4	6.8	—	—	—	—	—	—	—
5	68.8	79.1	73.0	72.1	74.5	76.0	72.4	NNE	2.9	NNE	5.5	NNE	5.7	N	11.1	N	7.3	N	10.5	6.6	—	—	—	—	—	—	—
6	76.7	76.5	77.9	76.0	76.3	77.8	76.9	N	6.5	NNE	5.9	NNE	5.9	N	5.5	NE	1.3	SE	1.8	4.7	—	—	—	—	—	—	—
7	79.9	79.9	81.0	78.6	78.0	76.9	79.1	NNE	5.3	ENE	1.8	E	1.5	W	1.6	S	2.4	SSE	1.8	2.3	—	—	—	—	—	—	—
8	75.9	74.9	74.4	72.4	73.4	73.0	73.8	S	3.8	SSE	0.9	SSE	1.8	S	1.9	SW	1.4	SW	0.5	2.1	—	—	—	—	—	0.9	0.9
9	72.8	72.6	73.3	73.7	73.9	75.6	73.7	N	0.7	E	0.6	NNE	1.2	NW	1.9	WNW	0.7	N	2.8	1.3	1.1	0.5	0.0	—	0.0	—	1.6
10	76.1	76.2	77.9	77.2	77.9	78.6	77.3	NW	1.8	SE	1.7	NE	1.8	NNE	2.6	NE	1.2	NE	1.2	2.0	—	—	—	—	—	—	—
11	79.0	78.7	78.4	76.0	74.8	74.8	77.0	NE	1.3	NE	1.8	ENE	1.3	S	2.1	S	4.1	SSE	4.7	2.4	—	—	—	—	—	—	—
12	74.0	73.1	73.5	71.4	71.0	71.1	72.4	SSE	5.3	SSE	5.8	S	7.1	SSW	9.0	SSW	5.6	SSW	4.7	6.0	—	—	—	—	—	—	—
13	69.7	69.5	72.7	72.6	73.3	75.0	72.1	S	3.6	W	1.9	NNE	7.5	NNE	7.5	NNE	6.1	NNE	4.0	4.7	—	—	—	—	—	—	—
14	75.4	75.4	75.0	72.8	73.4	73.3	74.2	N	4.0	N	1.5	NNE	5.5	NNE	5.7	NE	1.8	NE	1.9	3.8	—	—	—	—	—	—	—
15	72.9	71.6	73.3	72.7	73.8	75.6	73.3	NE	1.8	NE	1.2	NE	2.9	NNE	3.7	NNE	2.7	NNE	1.8	2.5	—	—	—	—	—	—	—
16	76.3	75.0	76.7	75.1	75.8	75.7	75.8	NNE	2.3	NNE	2.5	N	1.2	SW	2.6	SW	2.7	S	1.2	2.0	—	—	—	—	—	—	—
17	75.3	75.5	75.0	73.0	71.9	71.2	73.7	SE	1.2	ESE	1.2	NNE	0.9	WSW	1.9	SSW	1.5	S	1.9	1.5	—	—	—	—	—	—	—
18	72.0	71.7	71.8	68.8	68.0	67.5	70.0	NW	1.2	NNW	0.9	S	2.6	SSW	3.2	S	2.3	S	4.3	2.4	—	—	—	—	—	—	—
19	66.7	66.7	67.6	66.7	68.3	70.8	67.8	S	2.6	S	0.9	N	1.4	N	1.5	NNE	2.6	NE	1.9	2.3	—	—	—	—	—	—	—
20	72.0	74.1	75.4	74.6	74.3	74.7	74.2	NNE	1.4	NE	1.2	NE	4.4	NE	1.8	NE	1.0	NE	1.5	2.3	—	—	—	—	—	—	—
21	74.0	72.4	72.4	70.6	70.1	70.0	71.6	E	1.2	E	1.4	S	2.7	SSW	4.7	SSW	2.0	SSE	0.9	2.0	—	—	—	—	—	—	—
22	69.3	67.9	68.8	67.4	67.6	69.3	68.4	SE	1.6	SSE	0.9	NW	1.8	W	3.3	W	0.9	N	3.3	1.8	—	—	—	—	—	—	—
23	70.8	71.6	73.1	71.6	70.7	71.0	71.5	N	5.7	N	2.9	N	5.9	N	5.7	N	2.5	S	0.6	4.3	—	—	—	—	—	—	—
24	70.3	69.1	69.0	66.5	65.7	65.5	67.7	NW	1.8	NW	2.1	S	1.5	W	2.9	S	1.8	SSE	2.7	2.0	—	—	—	—	—	—	—
25	65.0	64.2	64.3	63.6	65.1	67.5	65.0	S	4.1	SSE	1.0	SSW	2.9	W	2.7	NW	2.3	N	1.9	2.9	—	—	—	—	—	—	—
26	66.5	66.0	67.6	66.9	66.5	66.5	66.7	N	1.3	S	1.2	S	3.4	W	2.0	E	1.6	SE	1.8	1.8	—	—	—	—	—	—	—
27	64.3	63.2	65.9	67.2	69.3	73.4	67.2	SSE	2.3	S	4.7	NNE	7.6	N	4.7	N	6.4	N	4.4	4.9	—	—	—	—	—	—	—
28	74.9	76.6	77.5	75.4	75.4	75.8	75.9	N	2.6	N	3.3	N	5.9	N	5.5	NE	1.2	SSE	1.2	3.6	—	—	—	—	—	—	—
29																											
30																											
31																											
平均 Mean	71.5	71.2	72.2	70.8	71.2	71.9	71.5		2.8		2.7		3.9		4.2		3.1		3.0	3.3	1.1	0.5	0.3	0.1	0.0	0.9	2.9

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 6h	10h	14h	18h	22h	平均 Mean	日照時數 NO. OF HOURS WITHSUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	99.6	95.9	94.4	93.2	91.5	88.9	93.9	99.7	88.4	11.3	88	100	100	84	83	84	90	10 n	10 n	10 n	10 kc	10 cs	10.0	0.00	0.3
2	87.0	85.0	89.2	93.6	93.5	92.8	90.2	94.2	84.3	9.9	80	86	66	53	61	66	68	0 —	6 c	10 sc	10 sc	10 sc	7.2	5.76	0.5
3	92.7	88.6	90.8	93.2	91.9	89.5	91.1	93.8	87.4	6.4	80	76	55	46	43	56	59	0 —	10 sk	10 sc	10 sc	10 c, cs	8.0	1.34	0.7
4	88.3	87.9	89.7	91.3	90.8	88.5	89.4	91.5	86.9	4.6	64	65	56	44	49	50	54	10 kc	10 sc	10 n	10 sc	10 c, cs	10.0	0.00	0.6
5	87.2	85.6	89.4	89.0	87.7	85.1	87.3	90.7	84.4	6.3	55	58	49	45	36	42	48	10 c	10 c, kc	10 cs	10 c, cs	10 cs	10.0	5.89	1.0
6	82.0	79.7	83.0	86.1	84.1	81.6	82.8	87.0	78.4	8.6	43	46	41	34	44	46	42	0 —	0 —	0 —	0 —	0 —	0.0	8.66	0.7
7	80.2	77.0	83.0	86.6	84.2	83.1	82.4	87.6	76.0	11.6	46	50	40	32	50	52	45	0 —	0 —	0 —	0 —	0 —	0.0	8.20	0.6
8	86.6	84.5	92.1	94.0	92.7	91.6	90.3	94.5	82.4	12.1	64	89	65	48	57	100	71	0 —	2 c	10 sc	10 sc	10 n	6.4	6.55	0.6
9	88.7	86.6	91.3	93.9	88.7	87.8	89.5	95.0	84.7	10.3	100	100	89	64	80	60	82	10 n	10 cs	6 c, s	0 —	0 —	5.2	8.80	0.8
0	85.5	81.4	89.4	91.5	86.8	85.0	86.6	92.4	79.5	12.9	48	63	49	39	45	52	49	0 —	0 —	0 —	0 —	0 —	0.0	8.30	0.7
1	81.3	80.1	89.5	95.4	94.7	93.3	89.1	96.2	78.8	17.4	56	72	52	41	76	84	64	0 —	0 —	0 —	0 —	0 —	0.0	8.03	0.9
2	93.4	94.4	98.5	0.4	97.5	96.9	96.9	0.7	90.0	10.7	80	77	73	59	72	81	74	0 —	8 c	0 —	10 cs	6 c	4.8	7.96	1.4
3	96.9	96.9	90.8	94.5	91.1	88.3	93.1	97.5	87.5	10.0	80	89	69	40	53	53	64	10 sk	10 n	0 —	0 —	0 —	4.0	3.95	1.0
4	84.4	83.9	89.3	91.4	90.2	88.7	88.0	92.5	82.3	10.2	69	69	42	30	32	44	48	0 —	8 c	10 cs, c	10 c	0 —	5.6	8.55	0.9
5	88.0	88.0	90.4	92.8	91.1	88.6	89.8	93.5	86.4	7.1	56	52	45	31	42	47	46	10 c	10 sc	10 sc	10 sc	0 —	8.0	0.00	0.7
6	86.5	84.9	90.8	94.1	91.5	88.3	89.4	95.0	83.7	11.3	63	71	46	43	57	76	59	0 —	0 —	0 —	0 —	0 —	0.0	9.11	1.0
7	87.2	85.6	95.6	98.3	94.5	94.2	92.6	99.6	85.0	14.6	67	72	61	32	44	76	59	0 —	0 —	0 c	0 —	0 —	0.0	9.45	1.2
8	90.1	89.5	96.9	98.0	95.5	94.1	94.0	99.6	87.5	12.1	91	70	43	41	67	73	64	0 —	0 —	0 —	0 —	0 —	0.0	9.40	1.4
9	93.5	90.1	96.9	2.0	97.6	93.3	95.6	2.6	88.2	14.4	74	92	74	41	42	52	63	0 —	0 —	10 c, c	0 —	0 —	2.0	8.30	1.5
0	91.4	88.9	94.7	97.4	95.5	91.4	93.2	98.6	87.1	11.5	63	58	42	31	35	48	46	0 —	10 cs	10 cs	7 c, cs	0 —	5.4	8.35	1.1
1	89.2	91.2	97.6	0.0	96.2	93.5	94.6	0.3	88.4	11.9	60	60	51	49	78	84	64	0 —	5 c	2 c	3 c	0 —	2.0	9.23	1.3
2	92.6	92.6	96.3	1.2	98.0	94.6	95.9	2.2	90.9	11.3	80	90	89	57	80	57	76	0 —	10 sc	2 s	0 —	0 —	2.4	6.07	1.3
3	93.4	90.0	90.6	93.5	92.2	89.3	91.5	94.9	87.9	7.0	50	50	36	29	30	41	39	1 c	0 —	0 —	0 —	0 —	0.2	9.45	1.2
4	90.7	90.2	96.3	98.2	94.5	91.5	93.6	99.1	87.4	11.7	46	61	33	37	49	64	48	0 —	0 —	0 —	0 —	0 —	0.0	9.62	1.4
5	93.8	91.0	99.7	0.5	97.4	94.1	96.1	1.5	88.4	13.1	70	79	55	48	51	43	58	0 —	0 —	10 sc	2 c	0 —	2.4	5.83	1.5
6	89.8	88.9	98.4	0.9	97.6	93.9	94.9	1.8	86.6	15.2	56	65	62	47	38	62	55	0 —	0 —	1 k	0 —	0 —	0.2	5.99	1.5
7	95.2	97.8	0.5	99.6	97.1	92.2	97.1	0.5	92.0	8.5	73	65	66	35	35	59	56	0 —	10 sc	10 sc	0 —	0 —	4.0	3.08	1.7
8	89.4	88.0	92.6	96.9	94.4	91.2	92.1	98.4	86.8	11.6	80	67	48	36	39	53	54	0 —	0 —	0 k	0 —	0 —	0.0	9.89	1.5
9																									
0																									
1																									
平均 Mean	89.5	88.0	92.8	95.3	92.8	90.4	91.5	96.5	85.6	10.8	67	71	57	43	52	61	59	2.2	4.6	4.7	3.6	2.4	3.5	185.76	29.0

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

奉　天

MUKDEN.

昭和六年二月　　FEBRUARY, 1931.

氣壓 ※ (粍) AIR PRESSURE. (mm) (700 mm +)

Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	58.1	57.9	58.7	59.8	61.8	62.8	59.9
2	62.9	62.1	61.5	58.4	57.9	59.3	60.4
3	60.3	61.7	64.4	64.0	64.1	64.3	63.1
4	65.3	64.3	63.6	61.8	63.0	62.8	63.5
5	64.2	65.0	68.4	68.1	69.3	71.2	67.9
6	72.1	71.6	72.5	71.4	71.5	73.2	72.1
7	75.0	74.9	75.7	73.3	72.7	72.1	74.0
8	71.5	70.6	70.4	68.8	68.1	68.8	69.7
9	68.9	68.8	69.3	68.5	69.5	70.8	69.3
10	71.0	71.7	73.6	73.1	73.8	74.5	73.0
11	74.8	74.8	74.5	71.8	70.5	70.1	72.8
12	69.1	68.1	68.5	66.0	65.8	66.5	67.3
13	65.9	66.1	68.0	68.8	70.1	71.1	68.3
14	71.1	70.7	70.9	68.5	69.4	69.4	70.0
15	68.9	68.3	69.4	68.5	69.8	71.0	69.3
16	71.6	70.6	72.0	70.1	70.2	70.9	70.9
17	70.9	71.1	70.4	68.2	66.1	66.2	68.8
18	66.8	66.7	66.8	63.6	62.0	62.8	64.9
19	62.2	62.8	63.9	63.4	64.7	66.5	63.9
20	67.7	69.9	71.0	69.9	70.0	70.6	69.9
21	70.0	68.9	68.4	66.0	65.3	66.0	67.4
22	65.1	63.8	63.8	62.7	63.6	64.7	64.0
23	65.5	66.6	67.8	66.7	65.6	65.4	66.2
24	65.2	63.9	63.7	61.3	60.3	60.5	62.5
25	59.9	59.1	59.2	58.8	60.9	62.5	60.1
26	61.8	61.9	63.5	62.4	62.7	62.0	62.4
27	60.1	57.6	61.5	62.0	65.0	68.4	62.4
28	70.4	71.3	72.0	70.4	70.4	70.3	70.8
29							
30							
31							
平均 Mean	67.0	66.9	67.6	66.3	66.6	67.3	66.9

風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.

Day	2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h.
1	N	3.1	NNE	5.5	NNE	5.7	NNE	6.7	NNE	6.5	NE	6.1	5.3
2	NE	4.8	NE	2.4	NNE	1.6	NNE	2.0	N	2.0	N	1.6	3.0
3	N	0.8	N	3.7	NNE	5.5	NNE	6.2	NNE	7.6	NNE	6.9	4.9
4	NE	8.2	NE	5.3	NNE	8.9	NNE	8.5	NNE	7.4	NNE	5.8	7.3
5	N	3.5	N	3.0	NNW	3.2	N	5.6	N	5.5	N	6.4	4.4
6	N	5.6	N	2.3	N	3.6	NNW	6.1	N	1.8	N	6.9	3.7
7	NNW	4.3	N	0.7	NW	2.3	WSW	3.3	SSW	4.1	SSW	2.3	3.0
8	SSW	2.5	—	0.2	SE	1.9	SW	2.2	—	0.3	SE	2.5	1.6
9	SE	2.5	NE	2.7	ESE	1.9	NNE	1.6	NNE	2.0	—	0.4	2.0
10	NNE	1.2	—	0.4	NE	6.4	NNE	2.8	NE	2.6	E	3.4	2.7
11	ENE	2.5	ENE	3.0	ENE	2.8	ESE	2.7	SSE	1.7	SSE	2.3	2.4
12	SSE	3.7	SSE	5.1	SSW	9.0	SW	13.8	SW	7.9	SSW	5.3	7.2
13	SSE	1.8	NW	3.4	NNE	8.0	NNE	8.1	NNE	4.6	NE	1.8	4.9
14	NE	1.1	NE	1.1	NNE	4.7	NNE	3.4	NNE	1.9	E	2.2	2.2
15	E	2.0	E	3.3	ENE	1.7	NE	4.1	NNE	3.9	NNE	1.2	2.9
16	NNE	1.0	NNE	1.1	NNE	0.5	W	4.5	WNW	3.3	SW	2.5	1.8
17	SSW	1.4	SW	0.7	SW	1.3	W	5.7	WSW	2.6	W	6.0	2.9
18	NNW	3.0	NNW	0.9	W	1.9	W	6.0	WSW	4.8	SW	3.9	3.5
19	SW	4.8	—	0.3	NE	2.9	W	1.5	N	3.4	N	1.1	2.2
20	N	4.6	NNE	1.0	ENE	1.8	W	1.6	—	0.4	WSW	2.3	1.7
21	SSE	2.5	ESE	3.0	E	3.9	S	3.0	SSW	3.0	SSW	2.3	3.0
22	SSW	2.2	SSW	1.2	W	2.4	NW	3.7	NNW	2.9	NNE	1.2	2.5
23	NNW	4.9	N	5.6	NW	5.8	NW	5.5	N	1.7	WNW	2.4	4.6
24	W	3.4	W	1.6	NW	4.6	W	4.9	WSW	3.6	WSW	3.2	3.6
25	WSW	2.1	SSW	3.3	W	6.7	WNW	8.9	NNW	4.6	NNW	3.2	4.4
26	NW	1.8	SSW	1.8	SSW	2.5	NW	4.8	W	1.6	S	2.6	2.4
27	S	4.5	SSW	4.7	NW	8.5	NNW	10.1	N	6.9	NNE	4.3	6.2
28	NW	2.7	N	2.5	NNW	2.6	N	4.1	NNW	2.3	W	2.2	2.9
平均 Mean		3.1		2.5		4.0		5.1		3.6		3.3	3.6

降水量 (粍) AMOUNT OF PRECIPITATION. (mm)

Day	22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
1	0.0	0.0	0.0	0.1	0.1	0.0	0.2
2	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—
13	—	—	0.0	—	—	—	0.0
14	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—
22	—	0.0	0.1	0.0	—	—	0.1
23	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—
27	—	—	—	—	0.0	—	0.0
28	—	—	—	—	—	—	—
29							
30							
31							
平均 Mean	0.0	0.0	0.1	0.1	0.1	0.0	0.3

氣溫 (攝氏) AIR TEMPERATURE. (°C)

Day	2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range
1	97.8	92.5	91.3	89.9	88.5	86.5	91.1	99.8	86.5	13.3
2	83.1	82.3	87.0	93.0	90.0	90.2	87.6	93.4	81.2	12.2
3	89.1	86.4	88.4	90.8	89.1	87.3	88.5	91.0	85.3	5.7
4	85.6	85.9	89.1	89.8	88.5	87.2	87.7	90.2	85.1	5.1
5	85.7	82.7	85.3	86.9	86.4	83.2	85.0	87.9	81.7	6.2
6	79.3	77.5	80.1	83.8	82.7	81.8	80.9	85.0	77.0	8.0
7	77.1	75.6	79.8	85.4	82.9	80.3	80.2	86.6	73.7	12.9
8	80.2	79.0	87.7	91.6	88.9	86.1	85.6	92.9	77.5	15.4
9	83.1	81.6	90.2	92.6	90.2	85.4	87.2	94.0	81.2	12.8
10	82.4	78.5	85.6	88.3	86.1	82.7	83.9	88.5	78.3	10.2
11	79.6	78.2	84.0	93.2	90.3	89.5	85.8	94.1	77.5	16.6
12	88.7	89.9	98.3	2.2	97.4	95.4	95.3	2.2	87.2	15.0
13	92.8	93.0	90.0	92.0	89.5	86.5	90.6	95.4	86.5	8.9
14	83.7	82.4	86.5	89.4	88.5	86.7	86.2	90.5	80.1	10.4
15	84.8	83.7	89.1	91.1	89.1	87.1	87.5	91.5	83.6	7.9
16	84.4	82.6	89.4	93.3	91.6	86.1	87.9	94.3	81.3	13.0
17	84.9	82.7	91.6	97.8	93.1	92.8	90.5	98.7	82.4	16.3
18	91.1	86.2	94.4	99.5	95.5	92.0	93.1	0.0	84.9	15.1
19	90.7	86.2	94.3	98.3	96.3	91.4	92.9	99.1	85.8	13.3
20	89.5	87.4	93.7	96.8	94.6	90.2	92.0	97.4	85.3	12.1
21	88.7	87.7	95.7	2.2	96.7	93.2	94.0	2.4	87.3	15.1
22	93.2	94.0	95.5	99.8	97.3	92.9	95.5	0.5	92.9	7.6
23	89.5	86.7	87.3	90.6	90.0	87.2	88.6	92.9	85.7	7.2
24	85.7	82.1	93.0	97.4	93.4	88.7	90.1	98.3	81.5	16.8
25	87.2	88.0	99.4	99.2	95.7	92.5	93.7	0.9	87.1	13.8
26	86.7	84.8	95.2	98.8	94.7	90.7	91.8	99.0	84.6	14.4
27	92.7	96.0	95.9	97.8	92.8	88.9	94.0	97.8	88.9	8.9
28	87.0	86.1	90.2	94.4	94.0	88.3	90.0	96.0	85.7	10.3
29										
30										
31										
平均 Mean	86.6	85.0	90.3	93.8	91.2	88.3	89.2	95.0	83.4	11.6

濕度 (百分率) REL. HUMIDITY. (%)

Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	100	90	86	92	91	91	92
2	91	94	83	66	74	78	81
3	80	91	68	52	73	83	75
4	82	81	62	60	68	70	71
5	72	77	67	49	56	57	63
6	63	75	53	48	50	47	56
7	50	62	46	36	51	73	53
8	76	85	63	31	58	73	64
9	82	87	64	48	54	76	69
10	89	100	54	42	59	77	70
11	85	92	79	49	61	85	75
12	77	74	59	53	74	78	69
13	89	84	70	43	63	77	71
14	85	82	48	46	54	69	64
15	78	79	48	44	62	74	64
16	76	94	63	36	36	59	61
17	83	94	73	31	51	72	67
18	71	82	57	45	55	73	64
19	67	91	52	34	37	66	58
20	76	79	50	32	42	82	60
21	92	87	50	30	49	72	63
22	91	88	94	40	46	63	70
23	74	61	59	36	44	66	57
24	74	88	46	30	44	65	58
25	81	75	31	21	36	56	50
26	70	85	41	30	47	82	59
27	73	58	85	27	69	80	59
28	88	95	71	39	41	72	68
29							
30							
31							
平均 Mean	79	83	60	43	55	72	65

雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD.

Day	6h	10h	14h	18h	22h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	10 n	10 n	10 n	2 n	1 s	6.6	0.00	0.4
2	2 s, cs	10 c, cs, ck	10 cs	10 cs, sk	10 cs	8.4	6.62	1.2
3	0 cs	1 cs	10 kc, sc	10 cs	0 —	4.2	5.95	1.4
4	10 sc	10 sc	10 sc	10 sc	10 cs	10.0	0.00	1.0
5	2 cs	1 s	10 s	10 s	6 s, cs	5.8	5.30	1.3
6	1 cs	1 cs	0 s	0 —	2 s	0.8	8.45	1.1
7	0 —	0 —	0 —	0 —	0 —	0.0	9.00	1.1
8	0 —	2 cs	10 cs	3 cs	0 —	3.0	8.10	1.3
9	0 c	1 cs	8 s, sk	1 sk	0 —	2.0	6.75	1.5
10	0 —	2 cs	3 cs	0 —	0 —	1.0	9.25	1.1
11	0 —	10 cs	0 —	0 —	10 sk	4.0	8.70	1.5
12	0 —	5 c	10 cs, n	10 sk, c	2 s	5.4	8.43	2.0
13	10 s	10 s, sk	0 —	0 —	0 —	4.0	6.40	1.8
14	0 —	3 cs	1 ck	10 cs, s	5 cs	3.8	7.93	1.9
15	0 —	0 —	10 cs, s	9 cs, s	0 —	3.8	6.55	1.3
16	0 cs	5 sc	0 —	0 —	0 —	1.0	8.70	2.0
17	0 —	0 —	0 —	0 —	0 —	0.0	9.40	2.5
18	0 —	0 —	0 —	0 —	0 —	0.0	9.92	2.7
19	0 —	0 —	5 ck, c	0 —	0 —	1.0	9.30	2.4
20	0 —	0 —	10 cs	10 cs	2 s	4.4	8.20	1.7
21	0 —	0 —	3 c	0 —	0 —	0.6	9.60	1.9
22	10 n	10 n	8 kc, ck	0 —	0 —	5.6	5.75	2.1
23	2 s	10 cs, sk	0 —	0 —	0 —	2.4	8.87	1.7
24	0 —	0 —	2 cs	0 —	0 —	0.4	9.85	2.7
25	0 —	0 —	10 cs	10 cs, s	0 —	4.0	7.70	2.8
26	0 —	0 —	0 —	0 —	0 —	0.0	10.30	2.7
27	10 sc, s	10 sc	10 cc	0 s	0 —	6.0	3.15	1.9
28	0 —	2 sk	0 sk	0 —	0 —	0.4	8.90	2.1
29								
30								
31								
平均 Mean	2.0	3.7	5.0	3.4	1.7	3.2	207.07	49.4

※ 重力ノ更正　Reduction to standard gravity ……— 0.2
海面ヘノ更正　Reduction to mean sea level ……+ 4.4

長　春

昭和六年二月　　CHANGCHUN.　　FEBRUARY, 1931.

日 Day	氣壓 AIR PRESSURE (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h.		降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
1	43.6	43.8	44.0	44.2	45.3	47.2	44.7	E	4.4	E	2.7	NE	3.9	NE	3.2	N	1.4	N	1.2	2.4		—	—	—	—	—	—	—
2	47.2	46.3	46.3	43.7	42.5	43.0	44.8	—	0.1	—	0.4	S	1.5	SE	2.7	ESE	2.0	ESE	0.9	1.2		—	—	—	—	—	—	—
3	43.2	44.3	47.5	48.2	48.3	50.3	47.0	NE	0.8	NE	1.8	N	1.8	NNE	2.9	N	2.0	NE	2.7	1.7		—	—	—	—	—	—	—
4	51.7	50.5	50.4	48.7	48.0	47.7	49.5	NE	1.5	E	3.1	ENE	3.9	ENE	4.6	ENE	5.1	ENE	4.0	3.2		—	—	—	—	—	—	—
5	45.9	46.4	48.0	48.4	49.9	51.2	48.3	ENE	1.7	NNW	1.3	W	2.9	W	5.0	W	2.6	W	1.1	2.4		—	—	—	—	—	—	—
6	51.5	51.6	52.1	52.6	51.6	51.6	51.8	NW	1.5	W	0.9	WNW	2.7	W	3.7	NW	2.0	NW	6.8	2.0		—	—	0.0	—	—	—	0.0
7	51.8	52.8	53.9	53.4	53.0	52.1	52.8	WNW	3.9	W	5.8	W	4.1	W	4.1	W	0.8	SW	2.6	3.2		—	—	—	—	—	—	—
8	51.8	51.6	52.3	51.3	51.2	51.0	51.5	WSW	2.1	W	1.6	W	2.3	W	2.0	S	1.1	S	1.2	1.8		—	—	—	—	—	—	—
9	51.0	50.8	51.9	51.7	52.2	52.8	51.7	S	1.8	WSW	2.5	WSW	1.5	W	1.3	—	0.2	W	0.6	1.4		—	—	—	—	—	—	—
10	52.6	52.6	53.6	54.6	57.9	58.5	55.0	W	1.2	NW	2.0	W	3.5	NW	7.9	NNW	4.4	—	0.2	3.1		—	—	—	—	—	—	—
11	58.4	58.8	57.2	54.7	53.5	53.1	56.0	NNW	1.6	NW	4.7	S	4.0	S	2.0	S	4.0	S	4.4	3.2		—	—	—	—	—	—	—
12	51.9	50.7	49.6	48.8	49.3	49.8	50.0	S	1.9	S	2.8	S	2.2	W	2.0	NW	2.0	NNW	2.6	2.3		—	0.4	0.0	0.0	—	0.2	0.6
13	49.9	49.5	51.6	52.2	52.1	52.3	51.[illegible]	NNW	1.8	NNW	1.8	N	3.2	N	2.0	NW	2.1	NW	1.3	2.4		0.1	—	—	—	—	—	0.1
14	51.3	51.0	52.3	51.3	51.8	52.6	51.7	W	2.7	W	3.1	W	1.9	W	2.6	WNW	0.7	WNW	1.5	2.4		—	—	—	—	—	—	—
15	51.2	50.3	51.2	51.5	52.2	53.[illegible]	51.6	WSW	3.4	SW	1.9	WSW	4.3	NW	4.1	N	1.1	N	1.1	2.5		—	—	—	—	—	—	—
16	53.2	51.9	52.7	51.1	52.0	50.8	52.0	WSW	2.1	WSW	2.3	W	4.8	W	6.2	WNW	1.1	WSW	4.1	2.6		—	—	—	—	—	—	—
17	51.5	52.1	51.6	48.8	46.9	46.0	49.5	W	4.1	W	1.2	SW	2.9	SW	5.3	SW	2.8	W	4.1	3.4		—	—	—	—	—	—	—
18	46.3	46.8	47.4	44.8	44.1	43.9	45.6	W	3.1	NW	1.9	SW	3.9	WSW	7.0	SW	3.4	SW	3.5	3.5		—	—	—	—	—	—	—
19	44.2	44.4	46.2	46.2	46.5	47.5	45.9	W	2.8	WNW	2.0	WNW	1.5	WNW	2.2	W	1.1	W	3.5	2.1		—	—	—	—	—	—	—
20	48.7	49.6	51.8	51.9	53.1	53.3	51.4	WNW	3.0	W	3.5	W	4.1	W	4.3	—	0.4	W	0.9	2.8		—	—	—	—	—	—	—
21	53.0	52.1	51.5	49.7	49.4	48.5	50.7	W	1.6	SW	2.5	S	3.4	S	3.5	S	0.9	SSW	1.4	1.9		—	—	—	—	—	—	—
22	47.8	46.4	45.5	45.7	46.6	47.6	46.6	SSW	2.0	SSW	2.6	SSW	2.9	W	4.2	N	3.9	N	1.2	2.4		—	—	0.4	0.3	0.0	—	0.7
23	47.7	47.9	48.1	47.0	46.6	45.8	47.2	—	0.4	NW	1.4	NW	2.6	NW	3.9	W	1.2	WSW	2.6	1.7		—	0.1	—	—	—	—	0.1
24	44.3	44.3	43.9	42.2	41.4	41.2	42.9	WSW	3.4	SW	2.9	WSW	2.9	W	4.7	WNW	0.9	SW	3.1	2.5		—	—	—	—	—	—	—
25	41.1	40.6	40.0	40.1	41.4	41.8	40.8	SW	2.7	WSW	1.4	SW	2.6	W	4.7	—	0.2	NW	2.3	2.6		—	—	—	—	0.0	—	0.0
26	42.2	42.4	44.8	44.9	44.0	42.9	43.5	W	3.7	W	4.3	W	3.5	W	3.4	W	2.0	S	2.3	2.6		—	—	—	—	—	—	—
27	42.6	38.7	39.4	41.5	45.3	49.4	42.8	SW	3.5	SSW	4.1	W	8.2	NW	5.0	N	6.4	NNW	3.2	5.0		—	—	0.6	0.4	0.5	0.0	1.5
28	50.6	51.7	52.5	51.7	52.3	52.7	51.9	NW	4.7	WNW	1.1	W	2.6	W	4.2	NW	0.9	WSW	1.6	2.4		—	—	—	—	—	—	—
29																												
30																												
31																												
平均 Mean	48.8	48.6	49.2	48.6	48.9	49.2	48.9		2.4		2.4		3.2		3.9		2.0		2.4	2.5		0.1	0.5	1.0	0.7	0.5	0.2	3.0

日 Day	氣溫 AIR TEMPERATURE. (°C) 2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD 6h	10h	14h	18h	22h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	84.8	82.7	83.2	86.4	82.8	78.4	83.1	87.4	78.2	9.2	86	82	83	60	61	77	75	10 cs	10 sc	10 sc	0 —	0 —	6.0	0.00	0.5
2	75.2	73.8	83.1	86.7	82.6	83.6	80.8	88.0	73.5	14.5	79	79	83	57	71	68	73	0 —	0 —	0 —	10 sk, ck	10 sk	4.0	8.70	0.8
3	81.7	80.1	82.9	87.0	82.4	80.8	82.5	87.2	78.7	8.5	74	80	67	63	71	74	72	9 sk, kc	10 sc	10 c	10 c	0 c	7.8	7.90	0.7
4	79.6	80.4	84.2	84.0	81.6	81.1	81.8	84.8	78.9	5.9	74	80	69	69	70	69	72	10 sc	10 sc	10 s	10 sc	10 sc	10.0	0.00	0.5
5	79.0	75.0	80.2	84.4	79.7	76.1	79.1	84.5	74.1	10.4	67	70	66	60	65	81	68	2 ck	7 c	6 c	0 —	0 —	3.0	8.10	0.6
6	72.7	71.8	76.9	79.0	76.1	74.4	75.2	80.2	70.6	9.6	77	74	82	79	55	59	71	0 —	10 c	10 sc	10 s	10 s	8.0	9.10	0.8
7	73.2	69.0	74.6	78.2	76.3	76.1	74.6	78.2	68.8	9.4	73	67	70	61	55	63	65	10 s	0 —	0 —	0 —	0 —	2.0	9.30	0.7
8	75.0	74.0	80.8	83.0	80.4	76.6	78.3	86.2	72.7	13.5	66	68	62	52	48	65	60	0 —	0 —	0 —	0 —	0 —	0.0	9.20	0.6
9	75.3	77.4	84.4	86.8	83.2	79.5	81.1	87.3	75.3	12.0	71	67	55	44	52	65	59	0 —	10 c	0 —	0 —	0 —	2.0	8.95	0.7
10	76.0	76.8	80.7	77.8	75.9	73.6	76.8	80.7	72.0	8.7	78	74	61	77	63	67	70	0 —	0 —	0 —	0 —	0 —	0.0	9.20	0.8
11	71.5	70.4	79.0	83.5	80.4	78.5	77.2	84.2	69.5	14.7	70	71	71	57	60	52	64	0 —	0 —	0 —	0 —	0 —	0.0	9.40	0.8
12	81.3	85.4	90.9	94.8	87.7	84.6	87.5	95.0	77.8	17.2	63	81	63	74	71	83	73	10 n	10 s	10 s	10 sc	10 n	10.0	5.70	0.8
13	81.3	77.0	81.3	84.7	80.6	78.0	80.5	85.7	76.0	9.7	83	83	76	66	61	84	76	0 —	0 —	0 —	0 —	0 —	0.0	8.80	0.8
14	76.2	74.6	80.8	84.8	80.3	76.8	78.9	85.2	73.9	11.3	84	79	62	51	47	57	63	0 —	0 —	0 —	0 —	0 —	0.0	9.40	0.9
15	74.4	76.1	83.7	84.5	80.0	75.8	79.1	85.6	74.4	11.2	71	73	63	65	59	72	67	0 —	10 c	10 c	0 —	0 —	4.0	8.90	0.8
16	74.9	75.2	86.3	89.8	84.8	83.2	82.4	90.7	73.5	17.2	72	71	64	45	56	52	60	0 —	0 —	0 —	0 —	0 —	0.0	9.90	1.1
17	81.4	78.0	85.4	92.7	90.7	87.6	86.0	93.7	76.3	17.4	45	53	57	50	55	51	52	0 —	0 —	4 c	10 cs	0 —	2.8	9.40	1.0
18	83.6	80.6	88.4	94.2	91.6	89.2	87.9	95.0	78.8	16.2	63	74	64	39	73	59	62	0 —	10 cs	10 sc	0 —	0 —	4.0	9.10	1.1
19	86.5	83.0	88.7	92.7	89.7	87.1	88.0	93.9	80.4	13.5	58	72	65	50	50	61	59	0 —	0 —	0 —	0 —	0 —	0.0	9.90	1.0
20	84.7	82.0	87.8	91.8	89.2	84.6	86.7	92.3	80.6	11.7	59	65	63	48	55	66	59	0 —	0 —	0 —	0 —	0 —	0.0	9.60	1.3
21	82.7	82.8	92.8	96.6	92.4	88.3	89.3	97.2	81.9	15.3	66	67	62	40	47	61	57	0 —	0 —	7 c	10 c	0 —	3.4	9.60	0.6
22	87.9	88.1	93.5	91.2	87.6	81.9	88.4	95.7	80.8	14.9	62	60	84	79	79	82	74	0 —	10 n	10 n	10 s	0 —	6.0	0.00	0.5
23	80.1	78.8	82.8	85.3	82.3	79.1	81.4	86.8	78.8	8.0	83	85	89	67	65	71	77	0 —	10 c	0 —	0 —	0 —	2.0	8.85	1.1
24	80.2	79.8	87.8	92.4	87.2	86.0	85.6	92.8	76.8	16.0	65	66	63	41	50	51	56	0 —	0 —	0 —	0 —	0 —	0.0	10.20	1.0
25	84.4	84.6	91.6	94.1	87.6	86.0	88.1	94.7	82.3	12.4	52	51	54	49	75	86	61	0 —	10 cs	8 c	10 c	0 —	5.6	7.30	0.9
26	82.6	81.5	87.9	92.8	90.0	86.1	86.8	93.8	80.5	13.3	70	70	63	60	50	59	62	0 —	0 —	0 —	10 sc	10 sc	4.0	9.70	0.7
27	87.0	90.6	92.7	91.2	85.7	80.7	88.0	94.3	80.4	13.9	63	62	72	86	86	86	76	10 s	10 n	10 n	10 n	0 —	8.0	0.00	1.1
28	80.2	78.2	85.1	91.3	88.0	84.0	84.5	91.8	77.5	14.3	84	84	81	60	60	69	73	0 —	0 —	0 —	0 —	0 —	0.0	10.10	1.3
29																									
30																									
31																									
平均 Mean	79.8	78.8	84.9	87.9	84.2	81.3	82.8	89.0	76.6	12.5	70	72	68	59	61	68	66	2.2	4.5	4.1	3.9	1.8	3.3	216.30	23.5

* 重力ノ更正　Reduction to standard gravity ..... — 0.1
海面ニノ更正　Reduction to mean sea level ..... + 21.8

旅　順

昭和六年二月　　RYOJUN.　　FEBRUARY, 1931.

日 Day	氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	54.1	54.8	57.0	55.3	WNW	3.5	S	3.5	NE	5.8	3.5	—	0.1	—	0.1
2	57.2	55.7	56.2	56.4	NNE	6.4	NNE	5.1	SSE	1.1	3.1	—	—	—	—
3	56.1	57.8	57.8	57.2	ENE	1.5	ENE	5.4	ENE	11.3	5.6	—	—	—	—
4	57.9	56.7	58.1	57.6	ENE	9.3	ENE	11.6	ENE	7.6	7.7	—	—	—	—
5	60.3	62.8	66.7	63.3	ENE	4.6	NE	8.8	NE	6.7	6.5	—	—	—	—
6	67.9	68.5	70.6	69.0	ENE	6.4	ENE	5.1	—	0.3	4.5	—	—	—	—
7	71.5	71.9	70.9	71.4	ENE	6.4	N	4.0	—	0.4	2.8	—	—	—	—
8	68.3	65.6	65.4	66.4	WNW	2.4	W	3.3	SSE	1.9	2.4	—	—	1.2	1.2
9	64.6	65.4	67.5	65.8	NNE	5.0	ENE	2.6	NE	0.8	2.9	0.8	0.3	—	1.1
10	69.3	69.7	70.7	69.9	NE	1.5	N	5.0	ENE	1.2	2.2	—	—	—	—
11	70.6	69.9	68.8	69.8	SSE	2.4	SW	4.6	SSW	1.5	3.1	—	—	—	—
12	67.1	65.9	64.7	65.9	WSW	2.3	W	1.5	SSW	0.8	2.4	—	—	—	—
13	62.9	63.4	65.9	64.1	—	0.1	ENE	4.6	ENE	8.8	4.5	—	0.0	—	0.0
14	66.7	65.4	65.7	65.9	ENE	3.8	ENE	6.4	ENE	0.9	5.2	—	—	—	—
15	63.4	64.2	66.3	64.6	NE	3.5	SE	1.2	ENE	2.8	2.0	—	—	—	—
16	67.6	68.8	69.1	68.5	ENE	1.8	NNW	5.5	NW	2.7	3.6	—	—	—	—
17	68.5	67.1	65.4	67.0	NNW	5.7	WNW	3.3	WNW	3.4	4.1	—	—	—	—
18	64.8	63.5	61.9	63.4	ENE	3.7	W	4.9	W	3.8	3.5	—	—	—	—
19	60.5	60.5	62.2	61.1	WNW	6.4	W	6.2	NE	3.2	4.8	—	—	—	—
20	65.5	65.5	66.1	65.7	SE	1.1	E	5.7	NE	4.1	3.4	—	—	—	—
21	66.0	64.3	62.7	64.3	NE	2.3	S	2.0	S	1.0	1.9	—	—	—	—
22	61.6	61.0	61.2	61.3	WNW	3.5	WNW	4.9	SSE	0.5	3.2	—	—	—	—
23	62.3	64.4	65.9	64.2	ENE	8.9	ENE	8.6	—	0.4	5.3	—	—	—	—
24	63.6	61.0	60.0	61.5	NW	7.6	WNW	10.7	NW	3.2	7.1	—	—	—	—
25	58.7	57.9	59.4	58.7	WNW	2.3	WNW	8.9	NNW	1.9	4.8	—	—	—	—
26	60.0	60.2	60.6	60.3	WSW	0.5	WNW	9.8	SSE	1.4	3.7	—	—	—	—
27	57.9	58.3	64.6	60.3	S	1.8	ENE	6.8	ENE	6.4	6.6	—	—	—	—
28	68.9	69.2	69.4	69.2	NE	2.9	N	9.3	NW	5.3	5.1	—	—	—	—
29															
30															
31															
平均 Mean	63.7	63.6	64.3	63.9		3.8		5.7		3.2	4.1	0.8	0.4	1.2	2.4

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	2.0	2.6	95.5	0.0	4.3	94.9	9.4	92	85	91	89	10 s	10 s	10 cs	10.0	1.25	0.9
2	91.8	95.4	99.6	95.6	0.1	90.8	9.3	89	61	93	81	4 cs	10 sk	10 sc	8.0	0.00	1.0
3	99.8	95.8	92.8	96.1	0.3	92.1	8.2	95	50	48	64	10 s	10 sk	10 sc	10.0	0.00	1.3
4	92.0	91.7	91.8	91.8	92.9	90.4	2.5	55	58	52	55	10 sk	10 sk	10 sc, sk	10.0	0.00	1.2
5	90.2	92.4	89.0	90.5	93.8	88.0	5.8	61	30	41	44	8 c	10 sc	8 sc	8.7	4.60	1.6
6	85.4	88.2	85.8	86.5	89.3	82.9	6.4	45	31	41	39	10 cs	0 —	0 —	3.3	9.00	1.2
7	84.2	90.9	86.5	87.2	91.2	81.8	9.4	40	26	52	39	0 —	0 —	0 —	0.0	9.30	1.3
8	90.6	97.4	94.5	94.2	98.3	85.6	12.7	58	30	94	61	1 sk, c	1 c, cs	10 n	4.0	7.70	1.6
9	94.6	95.3	90.2	93.4	96.0	89.5	6.5	97	69	57	74	10 n	10 sk, sc	4 cs	8.0	3.57	0.7
10	89.2	93.6	88.9	90.6	95.0	87.8	7.2	45	32	54	44	0 cs	9 c, cs	5 cs	4.7	8.45	1.5
11	91.0	97.4	95.8	94.7	98.8	88.2	10.6	23	55	67	48	1 c	10 sk	0 —	3.7	5.80	1.1
12	95.2	2.0	97.6	98.3	3.2	94.0	9.2	80	53	67	67	0 —	6 sk	10 sk	5.3	8.90	1.7
13	99.2	96.3	91.8	95.8	0.8	91.2	9.6	65	70	52	62	10 sc	10 sk, cs	8 cs	9.3	3.95	1.7
14	88.8	94.8	90.4	91.3	95.0	87.8	7.2	47	26	42	38	0 —	10 cs, c	0 —	3.3	7.60	1.7
15	91.2	96.0	94.3	93.8	97.0	89.8	7.2	35	46	44	42	10 sk	10 sk	10 sk	10.0	0.00	1.2
16	89.8	94.3	93.7	92.6	95.5	88.3	7.2	56	41	59	52	0 —	0 —	0 —	0.0	9.50	1.8
17	95.6	0.0	95.1	96.9	0.2	91.7	8.5	73	36	54	54	2 cs	0 —	4 cs	2.0	9.10	2.3
18	94.2	1.0	97.0	97.4	1.8	92.9	8.9	54	22	52	43	0 —	0 —	0 —	0.0	9.70	2.1
19	98.4	3.3	97.0	99.6	3.7	94.5	9.2	66	63	86	72	0 —	2 c	0 —	0.7	8.55	1.9
20	95.2	1.7	95.7	97.5	2.3	94.3	8.0	34	20	57	37	0 —	7 cs	10 cs	5.7	9.40	2.5
21	95.2	0.1	99.3	98.2	1.7	94.6	7.1	49	55	65	56	0 —	10 sk	0 —	3.3	0.80	1.0
22	97.2	4.2	97.2	99.5	5.7	96.0	9.7	74	43	89	69	0 —	0 —	0 —	0.0	9.70	2.4
23	94.5	93.2	94.2	94.0	99.8	90.6	9.2	62	36	44	47	0 —	0 —	0 —	0.0	9.70	1.8
24	94.8	99.2	96.5	96.8	0.2	89.8	10.4	66	29	53	49	0 —	0 —	0 —	0.0	9.70	2.4
25	97.0	1.1	98.3	98.8	3.8	94.7	9.1	66	52	50	56	0 —	10 sc, sk	0 —	3.3	6.25	2.2
26	94.5	2.3	97.8	98.2	3.2	92.8	10.4	47	41	70	53	0 —	0 —	0 —	0.0	10.00	2.4
27	99.2	2.2	96.6	99.3	5.6	96.2	9.4	69	30	34	44	0 —	0 —	0 —	0.0	8.40	3.2
28	92.5	95.0	94.3	94.1	98.0	91.0	7.0	39	43	50	44	0 —	0 —	0 —	0.0	10.25	2.5
29																	
30																	
31																	
平均 Mean	93.7	97.4	94.2	95.1	99.2	90.8	8.4	60	44	59	54	3.1	5.2	3.9	4.0	181.17	48.2

* 重力ノ更正　Reduction to standard gravity……— 0.4
海面～ノ更正　Reduction to mean sea level……+ 7.8

鞍山

昭和六年二月 **ANSHAN.** FEBRUARY, 1931.

日 Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	57.4	60.4	63.6	60.5	NE	4.7	ENE	4.1	E	5.3	4.0	—	0.2	0.2	0.4
2	62.7	60.0	58.7	60.5	E	2.0	NE	3.0	—	0.0	2.0	—	—	—	—
3	61.7	64.7	65.5	64.0	NE	2.0	NE	7.6	NE	5.3	5.1	—	—	—	—
4	63.8	63.8	63.6	63.7	NE	5.8	NE	6.4	NE	4.0	6.5	—	—	—	—
5	64.4	69.3	72.0	68.6	NE	2.9	NE	10.0	NNE	6.7	7.5	—	—	—	—
6	72.3	73.1	73.6	73.0	NE	3.5	NE	4.9	S	1.8	4.5	—	—	—	—
7	75.4	75.5	72.9	74.6	ESE	2.7	NE	1.5	SW	4.1	2.8	—	—	—	—
8	71.3	69.8	70.2	70.4	SW	3.5	W	1.8	SSW	1.8	1.9	—	—	—	—
9	68.7	69.8	71.5	70.0	SSW	0.5	W	1.8	—	0.0	1.6	0.3	—	—	0.3
10	72.0	73.9	74.7	73.5	WSW	1.5	ENE	4.1	ESE	3.0	2.3	—	—	—	—
11	75.4	73.3	71.3	73.3	ESE	0.5	SW	2.3	SW	4.2	2.8	—	—	—	—
12	69.8	67.2	67.1	68.0	WSW	7.0	SW	9.0	WSW	5.3	6.8	—	—	—	—
13	66.8	70.0	71.5	69.4	WSW	1.5	NE	9.3	E	6.4	5.8	—	0.0	—	0.0
14	71.3	70.0	70.1	70.5	NE	1.8	NE	4.1	ESE	2.8	2.9	—	—	—	—
15	68.9	69.8	70.8	69.8	E	1.8	NE	5.8	ENE	2.9	3.2	—	—	—	—
16	71.3	72.0	73.0	72.1	E	1.4	NNE	3.5	SW	1.8	1.9	—	—	—	—
17	73.0	70.1	66.6	69.9	SW	2.3	W	3.4	SW	3.5	2.5	—	—	—	—
18	66.6	65.9	64.6	65.7	WSW	0.6	W	4.9	SW	4.1	3.0	—	—	—	—
19	62.0	64.4	66.9	64.4	WSW	2.9	E	2.6	ESE	2.3	2.7	—	—	—	—
20	70.5	71.5	71.6	71.2	E	2.9	ENE	3.2	SE	1.8	2.0	—	0.0	—	0.0
21	69.2	68.0	66.3	67.8	SSW	0.6	WSW	4.1	SSW	0.7	1.8	—	—	—	—
22	66.5	64.1	65.8	65.4	SW	1.8	NW	2.0	NE	2.3	2.3	—	—	—	—
23	66.8	69.0	66.8	67.5	NNE	4.5	NE	7.0	S	1.4	4.5	—	—	—	—
24	65.3	63.2	61.6	63.4	WSW	2.0	W	4.3	SW	2.3	2.8	—	—	—	—
25	60.4	60.3	59.4	60.0	SW	2.6	W	5.8	NE	3.0	3.7	—	—	—	—
26	63.3	63.9	62.6	63.3	SE	1.5	WNW	5.3	SE	2.1	1.9	—	—	—	—
27	59.0	64.0	71.1	64.7	SW	5.8	NNE	5.8	NE	8.0	5.7	—	—	—	—
28	72.8	71.9	71.5	72.1	NE	3.0	NNE	4.6	SSE	1.7	3.3	—	—	—	—
29															
30															
31															
平均 Mean	67.5	67.8	68.0	67.8		2.6		4.7		3.2	3.5	0.3	0.2	0.2	0.7

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	96.0	91.6	87.4	91.7	1.4	87.4	14.0	100	93	95	96	10 n	10 n	3 cs	7.7	0.00	0.7
2	83.0	91.4	92.8	89.1	93.5	82.5	11.0	94	66	90	83	5 cs	6 cs	10 cs	7.0	6.20	1.0
3	89.3	93.0	89.7	90.7	93.3	87.9	5.4	85	41	81	69	8 ck	10 ck	10 sk	9.3	2.60	1.1
4	86.4	91.2	87.7	88.4	91.4	86.5	4.9	82	41	71	65	10 sk	10 sk	0 —	6.7	0.00	1.0
5	84.6	87.6	85.3	85.8	88.9	83.8	5.1	80	44	40	55	0 —	10 cs	5 cs	5.0	5.20	1.1
6	78.7	83.2	80.0	80.6	85.1	77.8	7.3	48	47	52	49	0 —	0 —	0 —	0.0	8.80	1.2
7	76.7	84.0	83.5	81.4	86.1	75.8	10.7	40	49	48	46	0 —	0 —	0 —	0.0	8.90	1.0
8	85.2	93.0	90.8	89.6	93.5	82.7	10.8	81	25	52	53	0 —	10 cs	7 sk	5.7	7.70	1.6
9	84.8	93.2	83.8	87.3	94.8	84.2	10.6	95	69	58	74	2 cs	10 n	0 —	4.0	4.20	1.7
10	82.2	89.2	84.8	85.4	90.4	81.1	9.3	54	43	52	50	0 —	2 cs	0 —	0.7	8.50	2.1
11	79.0	95.0	93.2	89.1	96.7	79.0	17.7	56	30	63	50	0 —	0 —	5 sk	1.7	8.50	2.4
12	94.8	2.4	97.4	98.2	2.5	93.2	9.3	55	66	74	65	10 sk	0 —	0 —	3.3	8.60	2.5
13	97.4	94.4	85.6	92.5	97.8	85.6	12.2	89	34	72	65	0 —	2 cs	0 —	0.7	4.00	1.9
14	82.2	90.2	88.0	86.8	91.2	81.8	9.4	88	31	43	54	10 sk	10 cs	0 —	6.7	7.10	1.8
15	86.4	91.6	87.8	88.6	92.0	85.0	7.0	46	38	53	46	0 —	0 —	0 —	0.0	0.00	1.0
16	83.6	93.0	90.8	89.1	95.1	82.1	13.0	68	21	60	50	0 —	0 —	0 —	0.0	8.60	1.5
17	86.4	98.4	92.3	92.4	99.5	86.0	13.5	82	22	59	51	0 —	0 —	0 —	0.0	8.50	1.8
18	88.0	99.4	93.4	93.6	0.5	86.6	13.9	88	22	63	58	0 —	0 —	0 —	0.0	9.30	1.9
19	92.4	99.4	91.8	94.5	0.2	90.4	9.8	65	34	67	55	0 —	9 cs	0 —	3.0	8.60	2.6
20	88.2	95.4	90.5	91.4	95.7	86.3	9.4	88	33	81	67	0 —	10 cs	0 —	3.3	6.30	1.8
21	89.8	0.6	93.0	94.5	2.0	87.7	14.3	70	24	81	58	0 —	6 cs	0 —	2.0	9.10	2.5
22	94.8	98.9	94.2	96.0	1.0	91.8	9.2	80	56	70	69	0 —	6 sc	0 —	2.0	4.50	2.5
23	88.2	90.4	86.8	88.5	94.4	86.4	8.0	67	31	40	46	0 —	0 —	0 —	0.0	8.50	2.1
24	87.0	98.0	91.4	92.1	98.8	85.9	12.9	73	21	54	49	0 —	1 cs	0 —	0.3	9.60	2.9
25	91.0	1.5	93.6	95.4	2.7	89.6	13.1	72	38	53	54	0 —	8 cs	0 —	2.7	5.60	3.5
26	86.2	99.2	92.6	92.7	0.4	86.2	14.2	64	34	50	49	0 —	3 sc	0 —	1.0	9.00	2.2
27	99.2	97.0	89.4	95.2	1.0	88.9	12.1	76	29	75	60	0 —	10 sc	7 sk	5.7	0.00	2.9
28	87.4	94.4	89.4	90.4	95.8	86.0	9.8	75	34	55	55	0 —	2 cs	0 —	0.7	9.30	2.9
29																	
30																	
31																	
平均 Mean	87.5	94.2	89.5	90.4	95.9	85.3	10.6	74	40	63	59	2.0	4.8	1.7	2.8	177.20	54.2

* 重力ノ更正 Reduction to standard gravity ····· − 0.3
海面ヘノ更正 Reduction to mean sea level ····· + 3.9

開　原
KAIYUAN.

昭和六年二月　　FEBRUARY, 1931.

日 Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	53.5	55.0	59.4	56.0	N	2.9	N	7.0	NNE	1.4	3.8	1.1	1.2	0.5	2.8
2	57.6	55.0	54.3	55.6	NE	2.9	NNE	3.0	NNE	3.4	2.8	—	—	—	—
3	57.3	60.1	61.4	59.6	N	1.1	NNW	2.3	NNE	5.3	2.1	—	—	—	—
4	60.6	59.7	59.2	59.8	NNE	5.3	NNE	5.3	N	3.5	4.3	—	—	—	—
5	60.6	63.1	65.5	63.1	WNW	0.9	NW	2.7	NNW	0.9	2.3	—	—	—	—
6	66.5	66.5	66.9	66.6	NW	0.7	WNW	2.3	W	1.4	1.9	—	—	—	—
7	69.5	68.6	67.0	68.4	SW	1.1	WSW	2.3	S	5.3	1.8	—	—	—	—
8	65.7	64.3	64.5	64.8	S	2.9	SSW	1.8	ENE	2.0	1.4	—	—	—	—
9	64.5	64.6	65.9	65.0	ENE	2.3	NNE	1.8	NNE	2.3	1.5	—	—	—	—
10	67.0	68.6	70.3	68.6	ENE	1.1	NW	3.5	NE	2.0	1.9	—	—	—	—
11	70.3	68.4	65.8	68.2	NE	1.8	S	2.3	SSE	2.3	2.1	—	—	—	—
12	64.2	61.3	61.5	62.3	S	5.8	SSW	8.8	S	3.3	6.1	—	—	0.0	0.0
13	61.6	64.9	66.5	64.3	NNW	2.9	N	5.8	S	1.3	3.3	0.0	0.1	—	0.1
14	65.8	65.1	65.0	65.3	ENE	0.6	NW	1.3	E	1.8	1.1	—	—	—	—
15	64.1	64.8	66.1	65.0	NE	1.2	NNW	2.0	E	0.8	1.6	—	—	—	—
16	65.9	65.2	65.1	65.4	ENE	1.6	WSW	4.4	S	4.7	2.2	—	—	—	—
17	66.1	63.5	60.9	63.5	S	3.5	SW	4.2	SW	2.4	2.8	—	—	—	—
18	61.7	59.0	57.6	59.4	S	2.0	SW	4.7	SSW	4.7	3.5	—	—	—	—
19	57.6	58.9	61.5	59.3	SSW	0.9	W	1.8	S	2.3	1.6	—	—	—	—
20	64.8	65.2	65.7	65.2	S	1.2	W	2.6	SSE	2.3	2.1	—	—	—	—
21	65.2	62.3	61.5	62.9	S	1.2	S	1.8	SE	1.8	1.7	—	—	—	—
22	59.2	58.1	60.2	59.2	ESE	1.2	W	3.9	NNE	2.9	2.2	0.0	0.2	—	0.2
23	60.5	61.6	60.3	60.8	NW	2.9	NW	4.7	S	2.3	2.8	0.2	0.0	—	0.2
24	58.5	56.6	55.1	56.7	S	1.8	SW	5.8	SW	2.3	3.1	—	—	—	—
25	53.8	53.9	57.0	54.9	S	3.5	W	5.8	W	2.9	4.0	—	—	—	—
26	56.5	57.7	57.5	57.2	SSW	2.3	WSW	3.5	S	3.2	2.6	—	—	—	—
27	52.2	55.9	62.7	56.9	S	4.1	WNW	7.6	N	5.8	6.4	—	—	0.1	0.1
28	66.1	65.8	65.2	65.7	ENE	0.6	W	2.3	S	3.5	1.9	—	—	—	—
29															
30															
31															
平均 Mean	62.0	61.9	62.4	62.1		2.2		3.8		2.8	2.7	1.3	1.5	0.6	3.4

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	91.7	87.9	84.0	87.9	98.3	84.0	14.3	80	88	94	87	10 n	10 n	0 —	6.7	0.00	0.6
2	77.7	87.5	86.7	84.0	89.0	76.1	12.9	77	55	57	63	0 —	9 cs	10 sc	6.3	7.50	0.8
3	84.7	88.9	86.2	86.6	89.0	81.1	7.9	75	62	73	70	10 kc	10 cs	0 —	6.7	6.90	1.1
4	85.0	89.3	86.7	87.0	89.4	82.3	7.1	71	52	73	65	10 kc	10 n	10 cs	10.0	1.70	0.6
5	79.9	85.4	81.8	82.4	86.7	78.4	8.3	79	53	70	67	4 c	10 sc	0 —	4.7	5.90	0.7
6	75.9	81.7	78.4	78.7	81.8	75.1	6.7	63	46	54	54	0 —	4 c	0 —	1.3	9.10	0.8
7	73.8	81.8	79.9	78.5	84.2	70.8	13.4	46	41	66	51	0 —	0 —	0 —	0.0	9.10	0.9
8	77.0	89.0	79.4	81.8	90.0	74.4	15.6	66	41	65	57	0 —	2 c	0 —	0.7	9.00	1.0
9	75.0	90.5	81.4	82.3	90.6	74.6	16.0	70	39	70	60	0 —	8 c	0 —	2.7	9.10	1.0
10	74.0	85.0	75.0	78.0	85.0	72.8	12.2	79	48	61	63	0 —	0 —	0 —	0.0	9.00	0.7
11	71.5	88.0	83.2	80.9	89.8	71.4	18.4	61	37	67	55	0 —	0 —	0 —	0.0	9.40	1.3
12	89.7	99.4	91.5	93.5	0.4	83.0	17.4	63	59	89	70	0 —	10 sc	6 k	5.3	5.20	1.6
13	90.2	89.6	80.0	86.6	93.0	79.8	13.2	92	56	79	76	10 n	0 —	0 —	3.3	7.80	1.1
14	75.6	86.9	81.2	81.2	87.3	74.8	12.5	80	37	68	62	0 —	2 c	0 —	0.7	9.50	1.1
15	78.0	89.4	80.6	82.7	89.6	77.2	12.4	76	42	74	64	0 —	10 c	0 —	3.3	8.40	1.0
16	74.8	91.6	84.0	83.5	92.2	74.4	17.8	80	31	69	60	0 —	0 —	0 —	0.0	9.60	1.6
17	79.7	95.3	89.7	88.2	96.6	77.7	18.9	79	37	46	54	0 —	0 —	0 —	0.0	9.60	1.7
18	83.3	96.4	92.9	90.9	97.6	82.0	15.6	62	47	54	54	0 —	2 c	0 —	0.7	8.60	1.9
19	85.1	96.1	87.2	89.5	97.0	82.8	14.2	90	39	78	69	0 —	1 k	0 —	0.3	9.80	1.6
20	82.7	94.8	88.6	88.7	95.4	81.6	13.8	82	40	69	64	0 —	0 —	0 —	0.0	9.60	1.6
21	85.8	99.1	92.0	92.3	99.4	84.6	14.8	81	40	70	64	0 —	1 c	0 —	0.3	9.90	1.6
22	92.5	98.4	92.0	94.3	98.4	90.4	8.0	81	48	73	67	10 n	6 k	0 —	5.3	4.10	1.5
23	89.6	88.8	84.7	87.7	92.0	84.2	7.8	96	62	61	73	10 n	10 sc	0 —	6.7	7.20	1.3
24	83.5	94.8	89.0	89.1	96.2	82.6	13.6	68	35	62	55	0 —	4 k	0 —	1.3	9.90	2.0
25	87.8	97.8	90.6	92.1	97.8	86.7	11.1	67	27	46	47	0 —	10 sc	0 —	3.3	8.20	2.0
26	85.7	95.5	90.0	90.4	97.3	84.0	13.3	68	35	57	53	0 —	0 —	0 —	0.0	10.20	2.5
27	97.1	96.5	88.0	93.9	98.4	87.6	10.8	37	31	75	48	10 n	10 sc	0 —	6.7	3.60	1.7
28	82.5	93.3	87.7	87.8	94.6	80.8	13.8	88	44	63	65	0 —	5 k	0 —	1.7	10.10	1.7
29																	
30																	
31																	
平均 Mean	82.5	91.4	85.4	86.4	92.8	79.8	12.9	73	45	67	62	2.6	4.8	0.9	2.8	218.00	37.0

※ 重力ノ更正　Reduction to standard gravity……— 0.2
海面ヘノ更正　Reduction to mean sea level……+ 9.4

鄭家屯

昭和六年二月 / CHENGCHIATUN. FEBRUARY, 1931.

日 Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	55.4	55.8	58.7	56.6	NNE	2.6	NNE	5.8	NNE	2.2	4.3	—	—	—	—
2	57.2	54.7	53.9	55.3	E	2.9	ENE	3.2	NE	1.8	2.2	—	—	—	—
3	55.8	59.6	66.6	60.7	N	1.9	NNE	5.4	NNE	3.0	3.4	—	—	—	—
4	61.5	61.5	60.3	61.1	NE	2.7	NNE	5.5	NNE	3.2	3.6	—	—	—	—
5	60.3	61.6	64.8	62.2	NNW	3.8	NNW	6.5	NNW	4.8	4.8	—	—	—	—
6	64.0	64.9	60.9	63.3	NW	3.7	NNW	4.7	NW	7.1	4.2	—	—	—	—
7	66.9	65.9	64.5	65.8	WNW	0.6	NW	6.3	—	0.2	4.5	—	—	—	—
8	63.6	62.8	62.6	63.0	—	0.0	S	0.6	SSW	0.6	0.7	—	—	—	—
9	62.9	63.7	64.7	63.8	—	0.1	E	0.6	—	0.0	0.5	—	—	—	—
10	65.9	67.5	69.4	67.6	N	0.8	N	4.7	E	0.6	0.6	—	—	—	—
11	69.1	66.6	63.3	66.3	—	0.0	SSE	2.7	SE	2.0	1.4	—	—	—	—
12	60.9	60.9	61.6	61.1	SSW	4.6	WNW	3.8	NE	2.5	3.1	—	—	—	—
13	63.0	64.5	64.1	63.9	N	4.3	NNE	4.4	NW	2.1	3.5	—	—	—	—
14	64.2	63.8	63.8	63.9	NW	3.5	SSW	1.8	SSW	0.7	2.0	—	—	—	—
15	63.0	64.1	64.8	64.0	NNW	1.0	N	1.1	—	0.4	1.4	—	—	—	—
16	63.6	63.5	63.7	63.6	SW	1.5	WNW	4.5	WSW	2.7	2.2	—	—	—	—
17	63.9	61.0	59.4	61.4	—	0.0	WSW	5.7	WNW	4.1	2.9	—	—	—	—
18	59.9	57.1	55.5	57.5	WNW	3.0	NW	7.4	W	1.9	3.9	—	—	—	—
19	56.5	58.2	59.4	58.0	NNW	1.3	NW	3.9	W	2.2	2.0	—	—	—	—
20	63.5	63.4	64.1	63.7	WNW	3.4	NNW	4.5	ESE	2.8	3.3	—	—	—	—
21	62.8	60.4	59.9	61.0	SSE	1.3	SSW	3.7	SSE	2.7	2.3	—	—	—	—
22	57.7	57.5	59.7	58.3	SSW	2.6	N	6.2	NNE	2.7	3.3	—	—	—	—
23	59.8	60.2	57.7	59.2	NW	4.8	NNW	4.3	SW	2.7	4.0	—	—	—	—
24	56.5	54.1	53.5	54.7	W	1.1	WNW	7.5	NW	3.0	3.6	—	—	—	—
25	51.2	52.1	54.8	52.7	S	1.3	WNW	6.9	WNW	5.6	3.9	—	—	—	—
26	55.0	56.5	53.7	55.1	WNW	2.8	WSW	4.4	S	3.2	3.5	—	—	—	—
27	49.3	54.1	62.3	55.2	SW	4.4	N	8.9	N	4.3	7.4	—	0.0	0.1	0.1
28	64.6	63.8	63.3	63.9	NW	3.8	NNW	4.5	—	0.0	3.0	—	—	—	—
29															
30															
31															
平均 Mean	60.6	60.7	61.1	60.8		2.3		4.6		2.5	3.1	—	0.0	0.1	0.1

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	85.2	86.9	80.9	84.3	91.6	80.8	10.8	95	87	93	92	0 —	10 n	0 —	3.3	1.58	0.7
2	76.6	87.6	85.7	83.3	89.4	76.3	13.1	91	83	86	87	0 —	5 c, cs	2 c	2.3	5.30	1.0
3	80.9	89.1	83.0	84.3	89.8	80.7	9.1	87	55	89	77	0 —	0 —	0 —	0.0	7.36	0.9
4	83.6	86.8	83.5	84.6	87.4	81.2	6.2	89	65	83	79	10 n	10 n	10 n	10.0	0.69	0.8
5	77.7	84.3	79.6	80.5	86.2	76.2	10.0	83	89	93	88	0 —	4 c	0 —	1.3	7.97	1.1
6	74.4	80.9	77.0	77.4	85.3	73.8	11.5	89	61	67	72	0 —	0 —	0 —	0.0	8.43	1.1
7	72.9	83.1	77.9	78.0	86.0	72.3	13.7	78	54	92	75	0 —	2 c	6 —	6.7	9.01	0.8
8	75.2	86.5	80.2	80.6	89.4	73.3	16.1	90	43	80	71	0 —	0 —	0 —	0.0	9.03	1.1
9	76.3	87.8	82.0	82.0	90.3	74.6	15.7	81	39	88	69	0 —	2 c	0 —	0.7	9.00	1.2
10	77.9	81.5	77.0	78.8	85.0	76.8	8.2	92	53	48	64	0 —	0 —	0 —	0.0	9.25	1.0
11	73.4	85.0	83.6	80.7	88.2	73.0	15.2	78	70	78	75	0 —	0 —	0 —	0.0	8.84	1.1
12	88.3	94.4	85.4	89.4	95.4	82.7	12.7	91	82	90	88	10 n	0 —	0 —	3.3	8.26	1.4
13	78.7	87.6	83.6	83.3	89.4	78.3	11.1	70	54	73	66	5 n	0 —	0 —	1.7	9.19	1.2
14	79.4	85.9	81.7	82.3	88.1	78.7	9.4	93	47	87	76	0 —	0 —	0 —	0.0	9.47	1.2
15	79.7	87.6	80.7	82.7	88.8	77.8	11.0	78	43	86	69	0 —	3 c	0 —	1.0	6.58	0.8
16	78.1	90.8	85.2	84.7	91.9	76.3	15.6	92	54	52	66	0 —	0 —	0 —	0.0	9.60	1.8
17	79.8	94.2	90.0	88.0	97.0	79.0	18.0	65	45	61	57	0 —	0 —	0 —	0.0	9.01	2.7
18	83.8	96.9	89.9	90.2	98.6	82.8	15.8	78	25	70	58	0 —	6 c	0 —	2.0	9.43	2.6
19	84.2	94.8	88.9	89.3	95.9	83.7	12.2	84	82	88	85	0 —	0 —	0 —	0.0	8.93	2.2
20	84.0	94.6	88.2	88.9	96.1	84.0	12.1	89	28	67	61	0 —	0 —	0 —	0.0	9.43	2.3
21	84.3	99.0	91.8	91.7	99.8	83.8	16.0	94	23	89	69	0 —	7 c	5 c	4.0	9.60	2.0
22	87.5	95.4	87.5	90.1	96.4	86.5	9.9	91	54	79	75	5 c	0 —	4 cs	3.0	9.24	1.8
23	82.6	87.7	86.1	85.5	89.9	82.5	7.4	88	33	72	64	5 kc	0 —	0 —	1.7	9.83	1.8
24	83.0	94.6	89.9	89.2	96.1	82.3	13.8	71	17	70	53	0 —	0 —	0 —	0.0	9.71	2.8
25	83.2	96.0	89.6	89.6	96.8	83.0	13.8	78	29	46	51	0 —	8 c, n	0 —	2.7	8.13	2.8
26	84.2	93.9	91.5	89.9	96.1	83.4	12.7	84	58	43	62	0 —	0 —	5 c, kc	1.7	10.01	3.2
27	94.4	92.9	86.4	91.2	96.2	86.3	9.9	68	69	82	73	10 n	10 n	4 c	8.0	4.78	1.5
28	82.4	93.0	87.2	87.5	95.0	82.2	12.8	94	31	65	63	0 —	0 —	0 —	0.0	10.09	2.1
29																	
30																	
31																	
平均 Mean	81.1	90.0	84.8	85.3	92.0	79.7	12.3	84	53	76	71	1.6	2.4	1.1	1.7	227.75	45.0

* 重力ノ更正 Reduction to standard gravity ..... — 0.1
海面ヘノ更正 Reduction to mean sea level ..... + 11.8

洗　南

昭和六年二月　　TAONAN.　　FEBRUARY, 1931.

日 Day	氣壓* (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	53.2	53.5	55.7	54.1	W	2.6	WSW	3.2	NNW	1.2	2.5	—	—	—	—
2	53.6	51.7	52.1	52.5	NE	2.3	NE	3.2	NNW	3.5	2.8	—	—	—	—
3	53.9	56.9	59.4	56.7	WSW	5.3	W	2.0	S	1.2	2.2	—	—	—	—
4	59.7	59.8	58.0	59.2	W	3.5	NW	3.5	WNW	2.9	3.2	—	—	—	—
5	56.4	57.8	61.3	58.5	W	1.6	WSW	9.9	SW	3.4	3.9	—	—	—	—
6	60.9	58.9	61.2	60.3	SW	1.8	SW	2.7	SW	4.3	4.1	—	—	—	—
7	61.6	60.5	59.6	60.6	SSW	3.8	SE	2.9	SSW	2.9	4.3	—	—	—	—
8	59.5	57.9	58.6	58.7	S	0.5	NE	2.8	E	2.9	2.8	—	—	—	—
9	58.6	60.2	60.9	59.9	SSE	1.9	WSW	1.6	NNW	1.3	2.0	—	—	—	—
10	62.1	63.7	65.0	63.6	WNW	5.8	SW	3.5	NNW	1.9	3.0	—	—	—	—
11	64.3	61.6	59.6	61.8	E	2.3	E	5.3	N	3.5	3.8	—	—	—	—
12	57.9	57.3	59.6	58.1	W	3.5	W	4.7	WNW	2.1	3.7	—	—	—	—
13	60.4	60.7	59.7	60.3	WSW	1.2	SW	3.2	SSE	5.8	3.3	—	—	—	—
14	60.9	58.8	58.7	59.5	S	4.1	SSE	4.7	SE	2.3	3.9	—	—	—	—
15	59.3	60.1	60.7	60.0	S	2.6	SE	2.3	E	2.9	2.7	—	—	—	—
16	59.0	57.9	57.9	58.3	SSE	3.7	SE	4.7	S	7.0	4.5	—	—	—	—
17	58.7	55.4	55.5	56.5	SSE	2.0	SE	5.0	SSE	4.1	4.7	—	—	—	—
18	54.1	50.9	51.3	52.1	SE	2.0	SSE	5.8	SSE	4.4	4.3	—	—	—	—
19	52.9	53.6	55.6	53.8	SSW	1.4	SE	2.3	SSE	7.6	3.7	—	—	—	—
20	57.4	58.9	60.5	58.9	SE	5.1	S	5.8	NNW	1.8	3.7	—	—	—	—
21	59.5	58.2	57.2	58.3	SSW	1.9	N	3.1	NNW	3.9	2.8	—	—	—	—
22	55.7	55.0	56.5	55.7	WNW	3.0	NW	5.3	—	0.1	3.2	—	—	—	—
23	57.0	55.3	52.8	55.0	W	3.5	SW	2.9	SSW	5.0	3.4	0.5	0.5	—	1.0
24	51.9	48.9	48.1	49.6	S	1.5	S	2.0	S	3.5	2.0	—	0.5	—	0.5
25	46.7	47.4	50.0	48.0	S	3.2	SW	5.8	SW	3.8	3.9	—	—	—	—
26	50.5	51.4	49.0	50.3	S	2.0	SE	2.3	NE	5.0	3.9	—	—	—	—
27	45.7	53.6	59.2	52.8	W	4.4	W	16.3	W	1.8	6.1	0.5	0.3	—	0.8
28	60.0	57.2	58.8	58.7	SW	2.9	SW	3.5	ESE	2.9	3.1	—	0.2	—	0.2
29															
30															
31															
平均 Mean	56.8	56.5	57.2	56.9		2.8		4.3		3.3	3.5	1.0	1.5	—	2.5

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	77.7	83.7	76.3	79.2	85.4	75.8	7.6	92	70	83	82	1 c	1 c	0 —	0.7	8.81	0.5
2	78.6	84.7	81.5	79.9	85.9	71.8	14.1	69	61	88	73	2 c	0 —	10 c	4.0	8.04	0.7
3	75.2	82.7	79.1	79.0	84.5	74.2	10.3	80	89	85	85	0 —	10 sc	10 cs	6.7	5.88	0.5
4	82.1	83.1	79.7	81.6	83.2	78.3	4.9	71	78	80	76	10 sc	10 sc	10 sc	10.0	0.00	0.4
5	76.8	82.3	77.3	78.8	82.6	72.7	9.9	83	89	92	88	0 —	0 —	1 s	0.3	9.01	0.5
6	71.6	82.1	75.3	76.3	83.0	68.2	14.8	75	56	71	67	0 —	2 c	0 —	0.7	9.18	0.6
7	67.8	81.1	75.3	74.7	83.2	66.3	16.9	68	53	81	67	0 —	0 —	0 —	0.0	8.98	0.7
8	70.2	81.9	75.6	75.9	83.2	67.6	15.6	70	56	73	66	0 —	0 —	0 —	0.0	8.94	0.7
9	69.7	82.5	74.4	75.5	82.8	69.0	13.8	72	71	59	67	0 —	6 c	0 —	2.0	7.71	0.7
10	74.0	78.5	73.3	75.3	79.4	70.1	9.3	79	71	79	76	0 —	0 —	0 —	0.0	9.03	0.6
11	69.3	84.8	77.5	77.2	85.8	68.6	17.2	70	61	84	72	0 —	7 c	0 —	2.3	9.23	0.6
12	74.5	83.4	77.5	78.5	84.5	73.4	11.1	80	84	77	80	0 —	5 c	0 —	1.7	8.90	0.6
13	73.1	86.5	80.3	80.0	89.4	71.4	18.0	78	69	67	71	0 —	0 —	0 —	0.0	9.36	0.7
14	73.1	85.5	76.1	78.2	87.3	72.8	14.5	79	55	81	72	0 —	0 —	0 —	0.0	8.92	0.6
15	72.1	84.7	75.3	77.4	85.8	71.5	14.3	75	66	71	71	5 cs	8 c	0 —	4.3	9.27	0.9
16	72.7	89.1	82.9	81.6	90.8	72.6	18.2	78	43	68	63	0 —	0 —	0 —	0.0	9.47	0.8
17	76.9	91.8	85.3	84.7	94.2	76.4	17.8	75	50	81	69	0 —	0 —	0 —	0.0	8.58	1.0
18	77.9	94.1	86.3	86.1	94.6	77.4	17.2	77	55	73	68	0 —	10 s	0 —	3.3	7.89	1.5
19	80.4	93.5	86.4	86.8	95.0	78.2	16.8	81	45	87	71	0 —	1 k	0 —	0.3	7.60	1.6
20	79.5	92.9	84.1	85.5	94.0	77.6	16.4	80	84	89	84	0 —	0 —	0 —	0.0	9.73	1.1
21	78.1	89.7	85.3	84.4	91.2	75.6	15.6	77	79	91	82	0 —	2 c	0 —	0.7	9.56	1.5
22	79.1	89.0	85.3	84.5	89.4	78.3	11.1	93	55	86	78	0 —	2 cs	10 s	4.0	7.95	1.6
23	79.6	87.9	84.2	83.9	89.7	75.9	13.8	58	46	66	57	0 —	3 c	1 c	1.3	10.18	1.2
24	77.6	92.0	85.9	85.2	93.9	76.2	17.7	92	45	65	67	0 —	0 —	2 cs	0.7	10.05	1.1
25	87.1	93.5	85.8	88.8	93.8	82.6	11.2	67	39	73	60	6 sc	5 cs	0 —	3.7	9.31	1.5
26	77.4	91.3	88.0	85.6	92.0	77.2	14.8	67	45	76	63	0 —	2 cs	3 cs	1.7	9.72	1.7
27	87.1	87.9	82.5	85.8	90.0	82.2	7.8	91	88	89	89	4 n	7 s	7 cs	6.0	6.26	1.5
28	84.9	93.8	86.9	88.5	95.2	82.9	12.3	81	39	71	64	0 —	0 —	0 —	0.0	10.27	0.7
29																	
30																	
31																	
平均 Mean	76.4	86.9	80.8	81.4	88.2	74.5	13.8	77	62	78	72	1.0	2.9	1.9	1.9	237.83	26.1

* 重力ノ更正　Reduction to standard gravity ……— 0.0
海面ヘノ更正　Reduction to mean sea level ……+ 15.5

齊々哈爾

昭和六年二月 / TSITSIKHAR. FEBRUARY, 1931.

日 Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total.
1	52.4	52.2	53.8	52.8	SSW	2.5	WSW	3.7	—	0.2	2.3	—	—	—	—
2	53.0	51.8	52.4	52.2	ENE	2.6	NNE	5.6	N	1.3	2.2	—	—	—	—
3	53.3	55.7	57.8	55.6	SW	0.7	SE	1.5	SSE	2.5	1.4	—	—	—	—
4	60.0	59.1	58.4	59.2	SW	2.6	WNW	3.9	N	1.5	2.4	—	—	—	—
5	56.3	57.3	59.8	57.8	WSW	3.0	W	9.2	SSW	1.9	2.8	—	—	—	—
6	58.4	56.9	57.6	57.6	SSE	1.4	S	7.4	S	6.4	3.3	—	—	—	—
7	57.8	57.7	58.1	57.9	S	5.3	SE	5.4	S	3.6	4.7	—	—	—	—
8	58.0	57.5	57.1	57.5	SSW	1.6	E	3.0	ENE	1.5	1.5	—	—	—	—
9	57.4	58.8	60.7	59.0	—	0.0	ESE	6.8	SW	2.2	1.3	—	—	—	—
10	60.5	62.0	63.2	61.9	SSW	2.5	S	2.1	E	2.7	2.0	—	—	—	—
11	62.5	61.1	60.0	61.2	E	0.5	ENE	2.0	ENE	1.6	1.0	—	—	—	—
12	58.7	58.1	58.9	58.6	—	0.4	SW	5.4	W	1.1	0.9	—	—	—	—
13	59.0	58.5	57.7	58.4	—	0.4	S	7.3	S	4.9	3.3	—	—	—	—
14	57.9	56.5	56.5	57.0	S	1.7	SSE	6.1	S	2.0	3.1	—	—	—	—
15	56.8	57.7	58.1	57.5	S	4.1	S	4.0	E	2.9	2.8	—	—	—	—
16	57.2	55.9	56.0	56.4	S	1.6	ESE	3.7	SSW	4.0	3.8	—	—	—	—
17	54.9	52.9	52.1	53.3	ESE	4.6	SSE	4.7	WSW	6.1	3.9	—	—	—	—
18	51.6	48.9	49.3	49.9	—	0.0	SSE	8.1	WSW	1.1	1.1	—	—	—	—
19	50.5	52.3	52.4	51.7	SW	1.5	S	0.6	SSW	4.9	0.7	—	—	0.0	0.0
20	54.6	52.5	53.9	53.7	S	3.8	WSW	4.3	SW	3.2	1.7	—	—	—	—
21	59.1	58.0	57.6	58.2	SSW	2.3	W	1.2	E	2.5	1.4	—	—	—	—
22	56.3	55.2	56.4	56.0	N	2.3	WSW	2.9	W	1.3	1.8	—	0.0	0.0	0.0
23	54.3	52.4	51.2	52.6	WSW	2.5	SSW	4.8	S	2.4	2.4	—	—	—	—
24	49.3	47.5	46.3	47.7	S	2.0	S	2.5	ESE	1.2	1.5	—	—	—	—
25	44.7	46.0	49.2	46.6	—	0.4	WSW	4.0	W	0.8	1.3	—	0.0	—	0.0
26	48.9	49.8	49.2	49.3	SW	1.9	SSE	2.4	ENE	3.4	2.1	—	—	—	—
27	49.7	53.9	57.1	53.5	ENE	5.3	W	6.9	WSW	4.0	4.4	—	—	—	—
28	57.9	57.2	57.4	57.5	SW	3.3	SW	3.9	SE	3.9	2.9	—	—	—	—
29															
30															
31															
平均 Mean	55.4	55.1	55.7	55.4		2.2		4.4		2.7	2.3	—	0.0	0.0	0.0

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	73.5	81.5	74.8	76.6	85.2	69.8	15.4	66	64	69	66	5 cs	6 c	0 —	3.7	5.75	0.7
2	69.0	80.2	79.9	76.4	85.3	68.3	17.0	27	67	71	55	6 sk	10 ku	10 cs	8.7	4.60	0.7
3	71.4	79.0	74.6	75.0	84.9	67.6	17.3	47	71	80	66	9 cs	1 c	1 c	3.7	6.20	0.7
4	73.0	82.0	78.5	77.8	84.6	69.4	15.2	56	70	62	63	10 cs	10 cs	9 cs	9.7	7.55	0.8
5	75.8	81.8	70.8	76.1	84.6	69.7	14.9	62	53	56	57	10 ku	6 cs	4 cs	6.7	7.10	0.7
6	68.6	77.1	72.2	72.6	84.6	65.1	19.5	21	77	51	50	0 —	3 cs	0 —	1.0	8.40	0.8
7	68.1	76.6	71.1	71.9	84.6	66.0	18.6	15	64	29	36	0 —	0 —	0 —	0.0	3.52	0.4
8	66.0	77.9	71.9	71.9	84.6	64.1	20.5	8	59	47	38	0 —	0 —	0 —	0.0	8.80	0.7
9	65.9	79.1	74.0	73.0	84.7	63.7	21.0	8	65	35	36	0 —	0 —	0 —	0.0	8.80	0.7
10	66.5	76.5	72.8	71.9	84.7	63.4	21.3	45	67	66	59	0 —	0 —	0 —	0.0	9.11	0.7
11	67.0	78.9	76.5	74.1	84.6	65.9	18.7	15	59	71	48	0 —	10 cs	0 —	3.3	8.60	0.7
12	71.1	79.0	74.4	74.8	84.7	68.8	15.9	60	55	59	58	0 —	3 c	0 —	1.0	7.80	0.7
13	72.1	83.5	75.6	77.9	84.7	70.1	14.6	63	63	71	66	3 c	1 c	0 —	1.3	9.02	0.9
14	70.8	82.2	74.4	75.8	84.5	68.5	16.0	42	58	59	53	0 —	0 —	0 —	0.0	9.30	0.9
15	71.1	82.5	75.5	76.4	84.6	68.6	16.0	29	51	62	47	0 —	0 —	0 —	0.0	9.35	0.8
16	70.8	84.4	78.6	77.9	83.3	68.4	17.9	60	56	77	64	0 —	4 c	0 —	1.3	3.80	1.0
17	73.4	89.6	81.5	81.5	90.5	72.2	18.3	56	67	76	66	4 c	10 cs	0 —	4.7	7.80	1.0
18	75.9	90.6	84.5	83.7	93.8	74.0	19.8	53	28	75	52	0 —	5 ck	0 —	1.7	8.35	1.1
19	75.6	88.4	83.7	82.6	90.5	73.2	17.3	80	63	83	75	0 —	0 —	0 —	0.0	8.92	1.2
20	76.4	88.6	80.0	81.7	89.9	74.5	15.4	64	56	58	59	0 —	0 —	0 —	0.0	9.35	1.2
21	73.8	87.3	80.1	80.3	89.9	71.6	18.3	45	54	65	55	0 —	0 —	0 —	0.0	7.60	0.7
22	77.5	84.2	76.5	79.4	85.4	74.1	11.3	75	80	73	76	3 c	9 ku	3 c	5.0	5.30	0.9
23	72.5	86.0	80.6	79.7	87.9	70.6	17.3	40	55	73	56	0 —	2 cs	0 —	0.7	9.45	1.3
24	75.9	86.3	83.5	81.9	89.2	73.9	15.3	53	63	78	65	0 —	3 c	8 cs	3.7	4.35	1.1
25	83.6	87.2	79.6	83.5	88.1	79.2	8.9	89	83	85	86	3 cs	2 k	0 —	1.7	8.52	1.0
26	73.0	86.8	85.6	81.8	88.2	71.8	16.4	56	58	86	67	0 —	3 c	10 ku	4.3	8.30	1.2
27	81.4	87.0	80.9	83.1	88.3	79.0	9.3	76	73	73	74	4 c	2 c	2 ck	2.7	9.70	1.2
28	78.8	91.3	84.6	84.9	93.3	76.8	16.5	85	57	84	75	0 —	0 —	0 —	0.0	8.48	1.4
29																	
30																	
31																	
平均 Mean	72.8	83.4	77.7	78.0	86.9	70.3	16.6	50	62	67	60	2.0	3.2	1.7	2.3	213.82	25.2

* 重力ノ更正 Reduction to standard gravity……+ 0.1
海面ヘノ更正 Reduction to mean sea level……+ 20.9

昭和六年三月二十五日印刷
昭和六年三月二十八日發行

關東廳觀測所
大連市八幡町三十五番地

大連市大山通六十三番地
印刷人　太田信三

大連市大山通六十三番地
印刷所　小林又七支店

昭和六年四月

滿洲氣象表

REPORT

OF THE

METEOROLOGICAL OBSERVATIONS

MADE AT THE

METEOROLOGICAL STATIONS

IN

MANCHURIA.

APRIL, 1931.

PUBLISHED BY THE METEOROLOGICAL OBSERVATORY, DAIREN.

凡　例

本編ハ昭和六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クレバ

觀測時ハ日本西部標準時卽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

氣壓ハ粍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卽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

平均雲量二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, 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 uмoцs 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	V	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	黄道光	⚹	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	黄砂	≏	Yellow dust
朝焼 夕焼	⊤	Red sky	海鳴	⸗	Oceanic noise	地震	⦶	Earthquake
卷雲	C	Cirrus	卷層雲	CS	Cirro-stratus	卷積雲	CK	Cirro-c umulus
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) 現象ノ强サ　*The intensity of the phenomena*

現象ノ强弱ヲ示ス爲ニ記號ノ右肩ニ0 1 2ノ數字ヲ記ス例ハ

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　强雨 $●^2$ 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

强震(弱キ方) $⦶^{(4)}$ strong　强震 $⦶^{(5)}$ very strong　烈震 $⦶^{(6)}$ disastrous

大　連

昭和六年四月　　DAIREN.　　APRIL, 1931.

Day 日	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h		降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
1	56.3	56.4	55.7	54.3	53.5	54.5	55.1	WSW	1.9	W	2.5	W	9.2	WNW	6.0	WSW	5.8	SW	8.1	5.4	—	—	—	—	—	—	—
2	54.1	54.1	54.1	52.5	51.4	51.0	52.9	NW	6.4	NW	2.3	W	2.5	S	5.6	SSE	4.1	S	9.8	4.9	—	—	—	—	—	—	—
3	50.2	50.3	51.6	50.8	50.6	51.5	50.8	S	5.8	SSW	7.6	SSW	3.0	NW	3.3	ESE	4.0	ENE	5.0	5.9	—	—	—	—	—	—	—
4	50.6	50.0	51.2	53.1	54.6	57.6	52.9	NE	5.6	NNE	11.5	N	14.9	N	10.8	N	15.2	NNW	8.9	10.5	—	—	1.6	0.9	—	—	2.5
5	59.1	60.2	60.9	59.6	57.8	56.3	59.0	NNW	7.0	NNW	7.9	NNW	8.6	NNW	10.2	NW	3.8	SSW	9.2	7.4	—	—	—	—	—	—	—
6	54.0	52.9	56.4	57.0	57.5	58.2	56.0	S	5.8	N	2.2	N	8.3	N	12.5	N	10.0	NW	1.6	7.5	—	—	0.0	—	—	—	0.0
7	58.6	59.1	59.8	60.1	60.1	62.1	60.0	W	2.5	NW	6.7	N	8.6	NNW	10.1	N	9.1	NW	3.0	6.4	—	—	—	—	—	—	—
8	62.6	63.0	63.5	61.8	60.9	61.0	62.1	NW	4.0	NW	4.1	NNW	4.4	NNW	7.2	WNW	4.7	SSW	5.1	4.8	—	—	—	—	—	—	—
9	60.1	59.7	60.6	57.9	56.4	55.4	58.3	SW	7.0	SSW	7.8	S	6.1	SSW	8.8	SSW	4.5	S	9.4	6.7	—	—	—	—	—	—	—
10	54.9	55.6	58.5	58.0	58.5	59.8	57.6	SSW	12.0	WSW	2.9	N	12.2	N	8.8	NNW	4.7	N	8.0	8.6	—	—	—	0.0	—	—	0.0
11	59.7	59.8	59.8	57.6	57.7	57.8	58.7	NNW	5.0	N	4.6	N	5.4	NNW	7.2	NW	3.7	S	3.7	5.4	—	—	—	—	—	—	—
12	56.5	56.1	55.7	53.3	51.1	51.1	54.0	SSW	10.5	SSW	8.8	SSW	9.4	S	6.8	N	9.1	SSW	14.8	9.3	—	—	—	—	—	—	—
13	49.2	48.1	48.3	49.2	51.2	52.7	49.8	SSW	15.8	SSW	13.7	NW	5.5	N	9.6	NW	1.9	S	4.9	8.2	—	0.0	0.4	—	—	—	0.4
14	50.8	48.6	48.2	44.8	43.3	43.5	46.5	S	12.5	S	14.3	S	14.7	S	17.7	S	18.7	S	17.3	14.1	—	—	—	—	—	—	—
15	42.0	42.7	43.4	44.8	45.3	47.5	44.3	S	17.5	WNW	1.4	N	5.3	NNW	7.5	NNW	6.4	NNW	2.2	8.1	—	—	—	—	—	—	—
16	45.6	45.8	47.0	47.9	50.0	53.1	48.2	ENE	4.7	NNW	4.3	N	9.3	N	11.3	N	10.0	NNW	8.6	8.0	—	2.0	—	—	—	—	2.0
17	53.7	53.6	54.3	54.2	53.9	55.6	54.2	N	5.5	NNW	4.2	NNW	3.1	NW	5.7	NW	3.9	NW	4.8	4.8	—	—	—	—	—	—	—
18	56.0	56.9	58.5	57.6	58.0	60.1	57.9	NW	1.5	NW	1.4	WSW	1.1	NW	3.9	NW	2.0	WNW	2.4	2.6	—	—	—	—	—	—	—
19	60.3	60.3	60.8	58.6	58.1	57.8	59.3	-	0.0	—	0.4	SW	4.0	SSW	8.3	SSW	5.2	SSW	8.5	3.7	—	—	—	—	—	—	—
20	56.3	54.3	55.0	51.1	48.4	48.7	52.3	SSW	6.1	SSW	9.6	S	7.8	S	8.6	SSE	6.9	SSE	6.1	7.2	—	—	—	—	—	—	—
21	47.8	46.9	47.6	48.5	50.1	52.9	49.0	S	5.8	SE	1.4	SE	1.6	N	4.2	NNW	5.7	NW	3.4	3.5	—	—	0.1	1.2	1.4	—	2.7
22	54.0	54.3	54.9	55.0	55.1	55.9	54.9	NW	5.5	NW	2.2	NW	6.6	NNW	7.0	NW	2.5	SSW	6.0	4.0	—	—	—	—	—	—	—
23	55.6	55.2	55.0	53.6	53.1	53.5	54.3	SSW	8.1	SSW	7.0	SW	8.1	S	4.7	SSE	5.0	SSW	8.9	7.0	—	—	—	—	—	—	—
24	53.3	53.5	54.1	53.5	53.4	55.2	53.8	SSW	9.8	SSW	8.1	S	5.4	SSW	5.5	S	5.7	S	6.9	6.5	—	—	—	—	—	—	—
25	55.4	55.7	56.2	54.6	53.6	54.3	55.0	S	7.9	SSE	5.3	S	7.6	S	7.0	S	14.5	S	15.0	8.0	—	—	—	—	—	—	—
26	53.5	54.7	55.8	54.2	53.8	52.1	54.0	S	16.3	SSE	6.0	SE	6.7	SE	6.6	SE	6.0	ESE	3.5	7.8	—	—	—	—	—	—	—
27	50.0	48.6	48.4	48.4	49.1	50.8	49.2	ENE	3.6	ENE	1.8	ENE	4.4	ENE	6.1	SE	4.4	SSE	2.6	3.9	—	—	—	—	—	—	—
28	50.5	50.6	51.8	50.3	49.6	50.8	50.6	SSE	2.9	S	5.3	S	4.6	S	4.5	S	1.4	NW	1.3	4.3	—	—	—	0.1	0.0	0.0	0.1
29	51.1	52.1	53.2	53.3	54.0	54.2	53.0	NW	2.9	NNW	3.6	NNW	5.0	NNW	7.7	NW	2.5	SW	8.8	4.8	—	—	—	—	—	—	—
30	53.3	52.9	52.2	50.7	51.0	52.4	52.1	SSW	9.7	SSW	8.8	WNW	5.4	NNW	2.5	NNW	2.9	NW	2.4	5.7	—	—	—	—	—	—	—
平均 Mean	53.8	53.7	54.4	53.5	53.4	54.2	53.9		7.0		5.6		6.6		7.5		6.1		6.7	6.5	—	2.0	2.1	2.2	1.4	0.0	7.7

Day 日	氣溫 (攝氏) AIR TEMPERATURE (°C) 2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 6h	10h	14h	18h	22h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	5.6	6.5	12.6	16.7	13.1	11.9	11.1	17.7	3.6	14.1	44	44	29	26	28	30	34	0 —	0 —	6 c	10 c	10 c	5.2	11.20	7.3
2	11.6	9.3	14.9	13.3	10.5	8.8	11.4	16.2	8.1	8.1	28	47	39	33	34	45	38	10kc, c, cs	10 sc	10 sc	10 cs	3 c	8.6	8.90	6.5
3	8.2	9.9	15.3	14.3	9.8	6.4	10.7	16.5	6.4	10.1	62	57	45	43	62	79	58	3 cs	10 c, cs	10 c	10 c	4 c	7.4	10.60	3.9
4	4.5	4.8	99.3	0.2	2.2	1.8	2.1	7.0	96.5	10.5	92	98	95	50	36	37	68	10 n, s	10 n	10 sk	3 sc	0 —	6.6	0.90	5.0
5	1.1	0.2	3.1	4.3	3.2	0.8	2.1	5.9	0.0	5.9	45	50	48	39	31	50	44	0 —	0 —	0 —	0 c	0 —	0.0	12.00	4.7
6	2.1	2.0	1.8	3.6	2.3	0.7	2.1	4.7	99.5	5.2	68	86	70	46	49	54	62	10 n	10 sk	7 sk	0 —	0 —	5.4	7.10	4.2
7	0.3	1.5	4.0	5.2	4.2	0.6	2.6	6.2	99.9	6.3	74	71	30	28	28	59	48	10 s	1 kc, sc	0 —	0 —	0 —	2.2	10.50	6.3
8	0.4	1.0	7.9	9.5	7.8	5.9	5.4	10.7	99.6	11.1	73	70	43	29	36	39	48	0 —	0 —	0 —	0 —	0 —	0.0	11.40	7.5
9	7.9	7.7	13.4	16.1	9.7	8.8	10.6	16.5	4.8	11.7	37	35	36	23	36	43	35	0 —	0 —	0 —	0 c	0 —	0.0	11.80	8.9
10	8.8	10.6	5.6	6.1	6.8	5.3	7.2	11.0	4.9	6.1	39	41	47	36	29	27	37	10 sc, s	10 sk	10 n, sk	10 sc, sk	0 —	8.0	0.00	7.1
11	4.2	3.7	6.9	7.5	4.6	2.2	4.9	8.1	2.2	5.9	27	32	24	22	27	46	30	10 sc	10 sk, sc	10 sc	2 c	0 —	6.4	9.00	7.3
12	4.2	4.3	9.6	11.1	9.1	6.1	7.4	12.5	1.6	10.9	35	49	38	36	32	56	41	0 —	0 —	3 c	10 cs, c	10 sc	4.6	10.80	7.1
13	5.1	6.1	7.0	10.3	9.7	4.3	7.1	11.8	4.3	7.5	72	75	75	50	37	75	64	10 sk	10 cs, s	0 —	0 —	0 —	4.0	8.18	6.1
14	5.5	5.1	8.1	12.7	10.1	7.6	8.2	13.0	4.2	8.8	49	62	51	31	44	72	52	10 cs	10 sc	10 sc	10 sc	10 sc	10.0	5.20	7.0
15	7.8	8.9	7.7	8.1	5.9	4.7	7.2	9.6	4.6	5.0	86	81	84	67	70	82	78	10 n	10 sc	10 sc, n	10 c	10 sc	10.0	5.10	3.0
16	3.8	2.4	5.5	8.4	5.8	3.7	4.9	8.9	2.0	6.9	100	98	68	47	43	50	68	10 n	4 s	1 s	0 —	0 —	3.0	7.80	6.7
17	2.8	2.3	7.0	6.5	5.5	3.0	4.5	8.1	1.5	6.6	50	59	33	31	40	44	43	0 —	10 cs	10 sc	7 c, k, ck	4 c	6.2	11.33	4.4
18	2.2	2.5	10.3	9.3	6.9	4.2	5.9	11.8	1.5	10.3	84	74	36	39	55	79	61	8 c, cs	3 ck	5 sc	10 sc	10 sc	7.2	10.80	4.2
19	3.4	4.9	12.9	14.1	8.8	5.9	8.3	15.8	3.1	12.7	83	57	35	28	48	50	50	6 c	10 c	5 c	4 c	0 —	5.0	12.00	7.6
20	5.4	6.1	9.7	9.0	7.7	6.8	7.5	11.3	4.9	6.4	57	42	32	37	56	64	48	0 —	10 sc	10 sk	10 sc	10 sk	8.0	5.40	4.7
21	6.5	6.1	6.3	6.5	6.0	4.3	6.0	7.4	4.3	3.1	66	79	95	98	88	98	87	10 sk	10 n	10 n	9 c, sk	0 —	7.8	0.90	2.9
22	5.5	5.7	14.5	15.3	14.1	10.9	11.0	16.7	3.8	12.9	78	77	30	29	29	32	46	0 c	3 cs	4 cs	10 cs, kc	2 c	3.8	11.60	9.7
23	10.3	10.3	16.5	16.8	11.4	12.7	13.0	18.0	9.7	8.3	31	30	27	30	38	45	34	10 sc	10 cs, c	10 cs, c	10 sk	10 sk	10.0	8.45	8.6
24	10.5	9.4	13.7	16.1	10.5	9.5	11.6	16.5	8.6	7.9	70	65	54	46	66	73	62	2 c	0 —	1 c	0 —	0 —	0.6	11.70	6.3
25	8.1	7.4	12.5	16.1	12.3	9.4	11.0	17.5	6.8	10.7	84	88	65	53	52	66	68	6 c, cs	10 sc	7 ck, c	10 kc, n	10 n, sk	8.6	9.92	7.6
26	8.9	8.6	9.5	11.7	8.8	10.6	9.7	13.7	8.2	5.5	73	84	79	73	77	77	77	10 sk, s	10 sk	10 sk	10 sk	10 sk	10.0	3.30	3.7
27	9.7	10.2	16.2	15.3	11.8	9.5	12.1	17.2	8.4	8.8	81	83	46	51	67	79	68	10 sk	10 c	9 c, kc	1 c	2 c	6.4	10.10	5.0
28	8.9	8.1	12.1	10.9	11.5	9.9	10.2	14.0	7.6	6.4	84	89	64	88	89	97	85	10 cs	10 sc	10 n	10 sk	10 sk	10.0	1.40	2.9
29	8.2	7.1	12.3	15.5	14.6	14.4	12.0	16.7	6.6	10.1	92	98	57	26	28	18	53	3 s	0 —	5 c, cs	4 c	0 —	2.4	11.45	11.9
30	13.4	12.3	18.5	20.8	14.9	13.2	15.5	21.3	11.1	10.2	19	37	41	29	50	39	36	2 c	10 cs	3 cs	3 c	10 c	5.6	12.50	9.3
平均 Mean	6.2	6.2	9.8	11.0	8.7	6.8	8.1	12.7	4.3	8.5	63	65	51	42	47	57	54	6.0	6.7	6.2	5.8	4.2	5.8	251.33	187.4

* 重力ノ更正　Reduction to standard gravity……— 0.4

海面ヘノ更正　Reduction to mean sea level……+ 9.0

大　連

DAIREN.

昭和六年四月　　APRIL, 1931.

日 Day	水蒸氣ノ張力(粍) TENSION OF VAPOUR.(mm) 2h	6h	10h	14h	18h	22h	平均 Mean	地面溫度(攝氏) EARTH TEMP. ON THE SURFACE.(°C) 6h	14h	22h	平均 Mean	地中溫度(攝氏) EARTH TEMPERATURE. (°C) 0.1m	0.2m	0.3m	0.5m	1.0m	2.0m	3.0m	4.0m	5.0m	最低地溫(攝氏) MIN. TEMP. ON GRASS. (°C)	最高日溫(攝氏) (MAX. TEMP. (BLACK BULB.) (°C)
1	3.0	3.2	3.1	3.7	3.2	3.1	3.2	0.8	21.3	8.4	10.2	5.4	4.5	5.7	6.6	6.7	5.0	5.5	6.8	7.6	0.4	28.6
2	2.8	4.1	4.9	3.7	3.2	3.8	3.8	6.0	17.5	8.5	10.7	8.4	8.1	8.3	8.2	6.9	5.2	5.6	6.8	7.6	4.9	27.4
3	5.0	5.2	5.9	5.2	5.6	5.7	5.4	7.6	23.0	8.9	13.2	10.0	8.6	8.8	8.7	7.4	5.5	5.7	6.9	7.8	4.1	29.0
4	5.8	6.3	4.1	2.3	1.9	1.9	3.7	7.2	2.3	0.7	3.4	7.1	8.6	9.4	9.5	7.8	5.5	5.9	6.9	7.7	99.4	10.4
5	2.2	2.2	2.7	2.4	1.8	2.5	2.3	**99.7**	10.5	1.4	3.9	3.0	3.7	5.4	6.9	7.8	5.7	5.9	6.9	7.8	97.4	11.5
6	3.6	4.6	3.6	2.7	2.6	2.6	3.3	2.0	9.8	1.0	4.3	3.5	4.1	5.4	6.4	7.3	5.9	5.8	6.9	7.7	98.2	16.7
7	3.5	3.6	1.9	1.9	1.8	2.8	2.6	1.7	13.3	2.5	5.8	4.0	3.6	4.8	5.8	7.0	6.0	6.1	7.0	7.7	**95.6**	13.0
8	3.4	3.5	3.4	2.6	2.8	2.7	3.1	0.5	17.0	5.0	7.5	4.7	4.0	5.2	6.0	6.7	6.1	6.1	7.0	7.7	97.0	18.4
9	2.9	2.8	4.2	3.2	3.2	3.6	3.3	4.8	21.8	8.4	11.7	8.3	6.3	6.9	7.1	7.0	6.1	6.2	7.1	7.8	2.8	25.6
10	3.3	3.9	3.2	2.5	2.1	1.8	2.8	8.8	7.7	5.3	7.3	8.7	9.4	9.6	9.6	7.7	6.2	6.4	7.3	7.7	3.3	17.0
11	**1.7**	1.9	1.8	1.7	1.8	2.5	1.9	3.8	15.0	3.8	7.5	6.5	6.3	7.0	7.8	7.6	6.3	6.4	7.2	7.9	98.2	15.6
12	2.2	3.0	3.4	3.5	2.8	4.0	3.2	3.7	20.7	7.8	10.7	7.2	6.1	7.0	7.5	7.5	6.2	6.4	7.2	7.9	99.8	20.4
13	4.7	5.3	5.6	4.7	3.4	4.6	4.7	6.7	17.2	5.8	9.9	8.0	7.6	8.2	8.5	7.7	6.4	6.4	7.5	7.9	1.8	19.0
14	3.3	4.1	4.1	3.5	4.1	5.6	4.1	5.5	13.0	8.7	9.1	7.9	7.3	8.0	8.4	8.0	6.4	6.4	7.3	7.9	2.0	19.6
15	6.8	6.9	6.5	5.4	4.9	5.2	6.0	8.3	11.5	7.0	8.9	8.7	8.1	8.5	8.7	8.0	6.5	6.5	7.5	7.9	3.4	15.4
16	6.0	5.3	4.6	3.9	3.0	3.0	4.3	4.7	13.5	4.1	7.4	6.3	6.7	7.8	8.3	8.0	6.6	6.6	7.5	7.9	1.4	14.5
17	2.8	3.2	2.5	2.3	2.7	2.5	2.7	1.9	13.7	3.5	6.4	6.7	5.8	7.0	7.9	8.4	6.8	6.7	7.6	7.9	99.8	16.4
18	4.5	4.1	3.4	3.4	4.1	4.9	4.1	2.4	19.8	6.3	9.5	7.0	6.0	7.0	7.8	8.0	6.9	6.7	7.5	7.9	98.9	26.4
19	4.8	3.7	3.8	3.3	4.0	3.5	3.9	3.5	23.0	7.8	11.4	8.3	7.0	8.0	8.5	8.0	6.9	6.9	7.7	8.0	99.2	29.6
20	3.8	3.0	2.9	3.2	4.4	4.7	3.7	5.6	15.1	9.0	9.9	9.7	8.5	9.0	9.3	8.0	7.4	6.9	7.6	8.0	3.0	21.0
21	5.2	5.6	6.8	7.1	6.2	6.1	6.2	7.8	9.0	4.3	7.0	8.6	8.6	9.0	9.5	8.7	7.0	6.9	7.8	8.0	2.1	9.4
22	5.3	5.3	3.7	3.7	3.5	3.1	4.1	3.6	20.5	9.3	11.1	8.5	6.7	7.5	8.4	8.5	7.1	6.9	7.8	8.0	1.7	26.0
23	2.9	2.9	3.7	4.4	3.8	4.9	3.8	8.4	22.7	12.3	14.5	11.4	9.6	9.8	10.0	8.8	7.2	7.0	7.8	8.0	8.0	26.3
24	6.6	5.7	6.3	6.3	6.2	6.4	6.3	9.5	27.0	11.7	16.1	13.0	11.1	11.2	11.0	9.2	7.4	7.1	8.0	8.1	7.6	25.3
25	6.8	6.7	7.0	7.2	5.5	5.8	6.5	9.0	25.8	12.5	15.8	13.2	11.5	11.8	11.8	9.7	7.4	7.1	8.0	8.1	5.9	26.0
26	6.2	7.0	7.0	7.5	6.5	7.3	6.9	10.8	23.3	12.3	15.5	13.1	12.1	12.5	12.3	10.2	7.4	7.2	8.0	8.1	7.5	27.2
27	7.3	7.7	6.3	6.5	7.0	7.0	7.0	11.4	30.9	12.5	18.3	14.2	12.2	12.4	12.3	10.5	7.6	7.5	8.0	8.1	7.0	30.0
28	7.1	7.2	6.8	8.5	**9.0**	8.8	7.9	10.5	14.9	19.3	14.9	13.7	12.8	13.1	13.2	10.9	7.9	7.5	8.2	8.3	6.6	19.3
29	7.5	7.4	6.1	3.5	3.5	2.2	5.0	9.2	25.5	11.4	15.4	13.0	11.8	12.2	12.5	11.0	8.0	7.5	8.0	8.1	6.0	24.8
30	2.2	4.0	6.6	5.2	6.3	4.5	4.8	11.2	**32.5**	12.9	18.9	15.0	12.8	13.0	13.0	11.2	8.2	7.5	8.2	8.2	9.6	**30.8**
平均 Mean	4.4	4.6	4.5	4.2	4.0	4.2	4.3	5.9	18.0	7.7	10.5	8.8	8.0	8.7	9.1	8.3	6.6	6.5	7.5	7.9	2.4	21.4

記　事 REMARKS.

日 Day	記事 REMARKS.	
1	⊕°▽[1]p.	
2	♉a.	
3		♒4.6-7.9-19h. ⊟°p.
4	♒°a.+[1]p. ♒°23h55- -♒°-6h20.●°7h10-●[1]△°8h20-●°8h29-●°△°8h45-●°8h56-●°△°9h38-✱°△°9h47-△[11]11h45-	♒3.11.13-14.h. ⊟°a.
5	♉°p. 4h{-✱°△[1]12h10-✱[1]12h42-✱°13h06-13h27. ♒°11h00-12h00.	
6	●°6h18-●°✱°6h22-✱°6h27-6h36.	♒7.12-16.18h. ⊟°a.
7		♒13-14.17h. ⊟°a.
8		
9		♒15.23h.
10	♒°a. ●°10h30-11h05.	♒2-3.9-10.12h.
11		
12		♒1-2.11-13.19h-
13	●°5h20-5h48.●°6h32-7h15.	-♒-7h.
14	♒°8h30-♒[1]11h20-	-♒-
15	-♒[1]-♒°5h30-16h00.	-♒-4h.
16	●°3h40-4h35	♒11.13-19h.
17	⊕°a.	
18		
19	♉[1]p.	
20		
21	♒°a. ●°7h16-●[1]10h45-●°11h08-15h36.	
22	♉°a.p	
23		♒21h.
24		
25		♒16h-
26		-♒-3h.
27	⊕°a.	
28	●°13h30-14h55.●°20h53-21h18.	
29	♉[1]p.	
30	⊕[1]a.	♒3-4h.

營口
YINGKOW.

昭和六年四月 APRIL, 1931.

日 Day	氣壓 AIR PRESSURE. (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean
1	63.0	62.3	62.4	60.3	59.2	61.7	61.5
2	62.5	61.7	61.5	58.7	58.1	58.8	60.2
3	57.4	58.4	61.5	60.5	60.8	61.7	60.1
4	61.9	63.5	65.2	64.5	64.7	66.5	64.4
5	68.3	69.0	69.3	67.8	65.2	64.8	67.4
6	63.9	64.7	65.6	65.7	65.6	66.4	65.3
7	66.1	67.5	69.1	68.5	68.3	69.7	68.2
8	70.6	70.8	71.3	69.1	68.1	67.6	69.6
9	66.9	65.8	65.6	63.7	61.6	61.3	64.2
10	62.4	65.6	68.9	67.8	68.0	69.6	67.1
11	69.5	69.1	68.9	66.2	65.1	65.2	67.3
12	63.8	62.2	61.6	58.8	57.2	56.9	60.1
13	56.3	56.2	57.9	57.3	58.1	59.7	57.6
14	58.0	55.6	54.6	51.5	50.4	51.0	53.4
15	52.0	52.1	53.8	54.7	55.2	56.0	54.0
16	56.4	55.2	56.6	57.2	59.4	61.8	57.8
17	62.0	62.3	62.4	61.8	61.4	63.1	62.2
18	63.3	63.5	66.0	65.2	65.1	67.2	65.1
19	67.6	68.0	68.1	66.5	64.8	65.0	66.7
20	63.5	61.6	60.7	58.3	56.2	57.1	59.6
21	56.3	56.0	57.2	57.1	58.0	60.2	57.5
22	60.7	60.5	62.2	61.5	61.6	62.8	61.6
23	62.2	61.6	61.2	60.1	59.7	60.1	60.8
24	60.0	60.2	60.6	59.7	60.8	61.6	60.5
25	62.2	62.5	62.5	61.1	58.2	59.7	61.0
26	62.4	64.3	64.3	62.1	61.4	61.0	62.6
27	59.1	57.4	56.1	54.7	55.4	57.2	56.7
28	57.2	58.2	58.7	58.1	58.0	59.3	58.3
29	59.5	60.5	61.5	60.6	60.2	60.3	60.4
30	59.6	59.9	59.9	58.5	58.2	59.5	59.3
平均 Mean	61.8	61.9	62.5	61.3	60.8	61.8	61.7

日 Day	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h.		降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
1	S	2.9	S	4.7	SSW	4.7	SSW	4.7	SSW	5.3	N	0.5	3.6		—	—	—	—	—	—	—
2	W	1.8	NNE	1.9	SE	4.4	SSW	8.3	SSW	4.7	SSE	2.3	3.0		—	—	—	—	—	—	—
3	SSE	4.3	W	4.4	NNE	7.6	NNE	6.6	NNE	5.9	NNE	4.4	5.6		—	—	—	—	—	—	—
4	NNE	4.0	NNE	8.2	NNE	8.9	NNE	10.4	NNE	7.1	N	2.9	7.3		—	—	0.0	—	—	—	0.0
5	NNW	4.5	NNW	4.7	N	5.9	N	5.3	NE	1.8	E	1.0	3.9		—	—	—	—	—	—	—
6	NE	4.9	NNE	4.1	N	7.6	N	7.6	NNE	4.8	NNE	1.8	4.2		—	2.7	0.1	0.6	0.3	—	3.7
7	SW	2.6	N	3.3	N	7.0	N	8.2	NNE	5.8	N	1.9	5.1		—	—	—	—	—	—	—
8	N	1.8	SSE	1.2	N	2.0	WSW	3.5	SSW	3.5	S	2.9	2.4		—	—	—	—	—	—	—
9	S	4.7	S	5.3	SSW	7.8	SSW	10.2	S	7.2	S	5.8	7.0		—	—	—	—	—	—	—
10	SSW	3.8	NNE	7.8	NNE	9.9	NNE	3.3	NNE	5.8	N	1.8	6.0		—	0.4	—	—	—	—	0.4
11	NNE	3.8	NNE	3.5	N	2.9	N	1.8	SW	2.9	S	2.1	2.6		—	—	—	—	—	—	—
12	S	3.5	S	5.8	S	10.1	SSE	10.8	S	6.4	SE	7.0	7.0		—	—	—	—	—	—	—
13	SE	5.3	S	1.4	NE	3.6	N	4.1	N	0.7	SW	1.2	3.4		—	0.3	1.0	—	—	—	1.3
14	SE	1.0	SE	5.8	SSE	8.2	SSE	9.4	SSE	7.4	SSE	4.7	5.5		—	—	—	—	—	—	—
15	E	1.2	NNE	4.7	NNE	5.8	NNE	6.2	NE	2.9	NE	2.3	3.8		0.3	1.7	6.6	0.2	—	—	8.8
16	NNE	4.0	NNE	4.7	NNE	8.8	NNE	7.0	NNE	6.5	N	2.2	3.8		—	—	—	—	—	—	—
17	N	1.8	NE	0.8	SW	2.9	NW	4.1	WSW	4.7	W	1.8	4.8		—	—	—	—	—	—	—
18	S	2.3	S	2.6	N	5.4	NNW	3.5	WSW	1.8	SW	2.9	2.3		—	—	—	—	—	—	—
19	S	4.1	S	3.1	SSW	4.7	SSW	4.3	SSW	3.4	S	3.8	3.7		—	—	—	—	—	—	—
20	SSE	2.3	S	4.7	SSW	9.6	SW	5.9	S	4.8	S	1.3	4.4		—	—	—	—	—	—	—
21	SSE	0.6	—	0.0	NNE	1.8	NNE	2.0	N	1.2	ENE	0.9	1.5		0.8	3.6	2.2	2.3	—	—	8.9
22	ENE	2.6	SE	1.8	SW	2.9	W	3.9	SW	3.5	SSW	2.5	3.0		—	—	—	—	—	—	—
23	SSE	1.4	S	2.9	SSW	8.2	SSW	7.6	S	5.3	SSE	3.3	5.1		—	—	—	—	—	—	—
24	S	5.8	SE	5.8	S	7.6	SSW	6.7	SW	4.1	S	2.5	5.8		—	—	—	—	—	—	—
25	SE	1.2	SE	1.8	S	5.3	S	7.2	SSE	7.3	SSE	5.3	4.8		—	—	—	—	—	—	—
26	S	2.7	NE	0.6	NE	1.8	SE	2.9	W	3.0	W	1.8	2.0		—	0.3	—	—	—	—	0.3
27	N	0.7	NE	0.6	N	1.4	W	4.7	SW	4.1	S	5.3	2.7		—	—	—	—	—	—	—
28	S	4.1	SSE	0.7	SE	1.2	N	1.9	N	5.4	E	0.7	2.5		—	—	—	0.0	3.2	3.6	6.8
29	N	1.2	ENE	0.7	N	5.8	NNE	3.1	S	2.4	S	2.9	2.6		—	—	—	—	—	—	—
30	SSW	7.0	SSW	2.9	S	1.0	N	2.9	SW	2.6	SSW	1.6	3.0		—	—	—	—	—	—	—
平均 Mean		3.1		3.4		5.5		5.6		4.4		2.7	4.1		1.1	9.0	9.9	3.1	3.5	3.6	30.2

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean
1	1.0	3.0	9.5	10.2	7.9	2.7	5.7	12.6	98.5	14.1	82	66	42	48	54	76	61
2	99.5	0.2	12.4	13.1	10.0	6.4	6.9	16.3	99.0	17.3	80	73	44	36	40	55	55
3	8.5	4.5	7.5	11.8	8.1	3.1	7.3	12.3	2.6	9.7	55	72	34	21	33	41	43
4	2.8	0.9	0.9	3.2	2.9	99.0	1.6	3.4	98.3	5.1	40	33	33	46	49	60	44
5	98.8	97.8	3.0	5.9	4.8	0.1	1.7	7.1	97.1	10.0	60	58	49	33	31	75	51
6	0.2	98.6	3.3	1.6	2.3	99.1	0.9	4.4	97.9	6.5	70	100	66	92	60	71	77
7	98.9	97.5	3.3	6.4	5.0	1.1	2.0	7.2	96.5	10.7	76	69	31	27	36	57	49
8	99.2	96.4	7.6	10.7	6.4	4.0	4.1	11.7	95.1	16.6	66	75	33	28	38	60	50
9	5.4	5.7	11.1	12.8	10.9	11.5	9.6	13.4	3.1	10.3	51	68	36	36	31	24	41
10	8.7	7.0	6.4	8.5	6.8	2.5	6.7	12.2	2.0	10.2	26	67	36	19	24	52	37
11	0.1	99.4	4.8	7.3	5.3	1.2	3.0	9.0	98.5	10.5	70	66	36	23	31	67	49
12	0.3	3.5	10.3	11.8	10.5	8.5	7.5	12.5	99.1	13.4	50	58	37	30	30	35	40
13	7.8	6.6	5.0	11.7	10.5	4.0	7.6	12.6	3.3	9.3	46	74	86	40	48	79	62
14	3.8	5.3	8.5	12.7	10.5	9.8	8.4	12.9	1.0	11.9	80	55	45	33	40	52	51
15	7.8	4.9	2.6	4.8	4.2	2.1	4.4	10.0	1.3	8.7	65	95	100	75	78	84	83
16	1.6	1.9	5.4	6.9	5.0	0.7	3.6	7.6	0.1	7.5	85	84	62	47	45	80	67
17	99.3	97.4	6.7	9.2	5.9	4.2	3.8	11.0	96.1	14.9	70	78	40	23	43	63	53
18	3.2	3.2	9.1	11.2	9.2	5.4	6.9	12.4	0.5	11.9	80	80	33	31	37	62	54
19	4.7	4.1	9.2	11.9	7.7	7.5	7.5	12.2	2.8	9.4	72	89	65	52	86	66	72
20	5.5	7.2	10.6	9.6	10.4	8.3	8.6	11.2	4.1	7.1	55	42	29	38	30	39	39
21	7.0	5.2	5.2	6.4	8.6	4.9	6.2	9.8	4.2	5.6	70	100	95	81	73	93	85
22	4.3	3.6	11.6	16.5	11.0	7.8	9.1	16.9	1.6	15.3	90	94	53	38	42	62	63
23	6.1	7.3	13.9	16.1	13.1	11.2	11.3	17.0	4.7	12.3	59	65	34	36	43	42	47
24	11.3	10.7	14.9	16.2	11.6	9.4	12.4	17.6	8.7	8.9	50	63	44	44	65	72	56
25	7.4	7.5	15.9	16.1	16.3	13.7	12.8	17.2	6.2	11.0	80	73	52	53	49	47	59
26	11.0	8.8	15.5	20.8	15.7	12.0	14.0	21.2	7.9	13.3	64	74	57	36	53	69	59
27	10.3	8.3	17.1	19.0	14.1	13.0	13.6	19.4	7.3	12.1	80	85	53	42	56	64	63
28	12.2	10.2	14.3	12.5	8.5	7.3	10.8	14.6	6.6	8.0	71	78	60	84	100	97	82
29	6.1	3.7	12.7	15.5	14.0	10.0	10.3	17.0	2.6	14.4	100	100	59	50	61	48	70
30	10.2	7.8	16.0	20.8	17.2	10.7	13.8	21.3	7.1	14.2	48	72	47	24	35	68	49
平均 Mean	4.8	3.9	9.1	11.4	9.1	6.0	7.4	12.8	1.8	11.0	66	74	50	42	48	62	57

日 Day	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 6h	10h	14h	18h	22h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	0 —	0 —	3 c	10 c	0 —	2.6	11.50	4.1
2	0 —	10 c	10 cs	8 c	10 cs	7.6	11.43	5.2
3	7 c	10 cs	8 c	10 c	10 sc	9.0	11.30	5.2
4	10 sk	10 n	10 sc	0 c	0 —	6.0	2.92	2.9
5	0 —	0 —	0 —	0 —	10 cs	2.0	11.96	3.3
6	10 n	10 sk	10 kn, n	0 —	0 —	6.0	9.10	1.9
7	0 —	0 —	0 k	0 —	0 —	0.0	11.76	3.5
8	0 —	0 —	0 —	0 —	0 —	0.0	12.09	5.4
9	0 —	0 —	0 —	10 c	10 c	4.0	11.70	7.9
10	10 n	10 c, sk	10 sc, sk	9 cs, cs	0 —	7.8	4.85	3.9
11	10 sc	10 sc	0 c	0 —	0 —	4.0	6.24	4.2
12	0 —	0 —	10 c	10 c	10 sc	6.0	11.00	6.1
13	10 n, sk	10 n, sk	5 k, s	0 —	0 —	5.0	6.89	3.6
14	10 sc	10 sc	10 sc	0 —	10 sc	8.0	0.00	7.1
15	10 n	10 n	10 sk	10 sk	10 n	10.0	0.00	1.6
16	10 n	10 k, sk	10 sk, k	1 kc	0 —	6.2	10.00	2.6
17	0 —	10 cs	10 cs, k	0 —	0 —	4.0	12.54	4.2
18	10 c	0 —	4 k	0 —	0 —	2.8	12.31	4.9
19	0 —	0 —	0 —	3 c	0 —	0.6	12.42	5.5
20	10 kc	10 sc	10 sc	10 sk, sc	10 sc	10.0	1.19	3.4
21	10 n	10 n	10 n	1 c	0 —	6.2	2.68	1.3
22	0 —	0 —	5 k, s	0 c	0 —	1.0	12.81	5.4
23	10 cs, ck	10 cs	10 sc	10 sc	10 sc	10.0	8.43	6.7
24	10 sc, sk	0 c	2 k	3 k	8 kc, k	4.6	10.50	5.7
25	10 c	10 sk	10 sk	10 sc	10 sc	10.0	3.46	4.3
26	10 sc, cs	10 cs	10 sc	10 sc	10 sc	10.0	9.60	4.7
27	10 c, cs	10 sc, cs	0 k	10 c, k	10 sc	8.0	11.50	5.7
28	10 kc	10 sk	10 sk	10 n	5 c	9.0	0.00	1.6
29	10 三	6 k	2 k	0 —	0 —	3.6	11.61	5.0
30	0 —	0 —	4 c, k	7 c, k	0 —	2.2	12.50	6.0
平均 Mean	6.2	6.2	6.1	4.7	4.4	5.5	254.29	132.9

* 重力ノ更正 Reduction to standard gravity ····· — 0.3
海面ヘノ更正 Reduction to mean sea level ····· + 0.3

奉　天

昭和六年四月　　MUKDEN.　　APRIL, 1931.

日 Day	氣壓 ※(粍) AIR PRESSURE. (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean	風ノ方向及速度(米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h.		降水量(粍) AMOUNT OF PRECIPITATION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
1	58.1	57.6	57.5	55.6	54.3	56.9	56.7	S	2.3	SSE	2.3	W	4.1	W	2.9	W	2.9	NE	5.1	3.7	—	—	—	—	—	—	—
2	57.3	57.8	56.8	53.3	52.4	52.5	55.0	NNW	2.5	SSE	0.9	SE	3.5	SW	10.9	WSW	10.3	SSW	6.2	5.7	—	—	—	—	—	—	—
3	52.0	54.3	57.8	57.3	58.0	58.4	56.3	SW	3.9	N	2.6	NNE	7.9	NE	5.2	NE	4.1	E	2.0	5.4	—	—	—	—	—	—	—
4	59.9	61.1	61.5	60.6	60.6	61.7	60.9	NE	9.2	NE	6.8	NNE	6.8	NNE	7.8	NNE	6.8	NE	1.3	5.8	—	—	—	—	—	—	—
5	62.3	64.1	64.0	62.4	60.8	60.4	62.3	NNW	3.8	N	3.2	NNE	6.4	N	4.8	NNW	2.7	—	0.0	3.6	—	—	—	—	—	—	—
6	59.5	59.5	60.7	60.2	60.5	60.8	60.2	NE	0.5	N	2.3	NNE	7.8	N	8.1	NNE	5.5	NNE	1.1	4.0	—	—	—	0.0	—	—	0.0
7	61.2	62.8	63.8	63.3	63.5	65.2	63.3	NNW	4.2	NNW	5.0	N	8.5	N	9.0	NNE	4.8	NE	0.6	5.3	—	—	—	—	—	—	—
8	65.8	66.1	**66.3**	64.0	62.4	62.4	64.5	NNW	1.6	SW	2.2	W	2.2	W	4.6	WSW	3.5	SSW	4.6	2.9	—	—	—	—	—	—	—
9	61.2	60.5	59.7	57.2	55.9	56.4	58.5	SSE	4.2	SSE	2.6	SW	11.2	SW	18.8	WSW	17.4	SSW	7.7	10.2	—	—	—	—	—	—	—
10	57.8	63.1	65.0	63.3	63.2	65.1	62.9	WNW	7.7	NNE	10.7	NNE	7.8	N	5.2	N	4.8	NNE	3.8	6.5	—	—	0.0	-	—	—	0.0
11	65.4	64.6	64.0	60.9	59.6	59.7	62.4	NE	1.4	NE	1.5	N	1.8	N	2.4	W	4.0	WSW	4.7	2.6	—	—	—	—	—	—	—
12	58.3	57.0	55.2	52.4	51.7	52.3	54.5	SSE	5.5	SSE	4.8	SW	16.6	SW	**22.2**	SSW	12.1	S	7.6	11.7	—	—	—	—	—	—	—
13	51.3	52.4	53.3	52.5	53.3	54.9	53.0	S	8.8	SSW	9.2	ESE	3.3	NNE	2.7	N	4.1	ENE	2.8	4.7	—	0.2	0.4	—	0.0	—	0.6
14	53.6	51.4	49.3	**47.2**	47.3	48.6	49.6	ESE	2.2	ESE	4.9	SSE	11.1	SW	12.5	S	8.3	S	3.9	7.5	—	—	—	—	—	—	—
15	48.8	48.2	48.8	49.6	51.0	52.1	49.8	NW	1.9	NW	0.6	NW	3.4	N	5.8	NNE	7.5	NNE	4.2	4.1	2.5	1.2	1.1	0.6	—	--	5.4
16	51.8	51.5	52.6	53.5	55.0	56.9	53.6	NNE	4.6	NNE	5.8	NNE	7.1	NE	8.8	NNE	5.5	NNE	1.9	5.9	—	—	—	—	—	—	—
17	57.5	57.6	57.6	56.6	57.1	57.9	57.4	NNE	1.7	—	0.1	W	1.9	NW	3.4	NNW	4.8	NNW	2.5	2.5	—	—	—	0.0	—	—	0.0
18	58.3	58.8	61.0	60.7	60.4	61.4	60.1	W	2.5	W	3.8	NNW	4.3	NW	5.6	WNW	2.9	W	2.8	3.5	—	—	—	—	—	—	—
19	62.3	62.7	62.9	61.0	59.4	60.0	61.4	SW	5.5	SW	2.2	W	5.5	W	3.5	W	2.7	WSW	4.7	4.7	—	—	—	—	—	—	—
20	58.3	56.9	55.5	52.5	52.1	52.8	54.7	SSW	6.5	S	6.4	SW	9.9	WSW	11.4	SW	7.2	SSW	4.4	8.1	—	—	—	—	—	—	—
21	52.5	51.9	53.1	52.8	53.3	55.4	53.2	N	4.6	W	1.9	WSW	0.7	ENE	1.3	NW	2.5	SW	2.8	2.5	0.4	2.2	3.9	1.6	—	—	8.1
22	55.4	55.9	56.7	56.2	56.4	57.7	56.4	SW	3.2	SW	1.6	WNW	4.7	NW	6.9	NNW	3.0	W	4.0	4.3	—	—	—	—	—	—	—
23	57.4	56.9	56.6	54.4	54.6	55.3	55.9	SW	2.6	SSW	6.5	SW	11.4	WSW	12.6	SW	12.4	S	6.5	8.2	—	—	—	—	—	—	—
24	54.8	55.2	55.3	54.5	55.3	57.5	55.4	S	3.4	SSW	9.6	SW	14.6	WSW	13.0	SW	9.5	SW	5.7	9.7	—	—	—	—	—	—	—
25	58.2	58.3	57.6	55.2	53.3	54.8	56.2	S	2.8	S	4.1	SSW	10.7	S	12.3	S	11.1	SW	9.9	7.8	—	—	—	0.1	—	—	0.1
26	57.7	60.6	60.6	57.9	56.2	57.2	58.4	W	5.8	NNE	3.5	ESE	3.7	E	2.7	S	4.1	SSW	4.2	4.2	—	—	—	—	—	—	—
27	55.3	53.4	51.6	49.8	49.7	51.8	51.9	SSW	1.6	SSW	2.3	SSE	1.7	W	4.0	W	7.0	SW	8.2	3.9	—	—	—	—	0.0	—	0.0
28	52.7	54.6	55.0	54.3	54.3	54.9	54.3	W	4.0	W	2.3	WNW	2.1	W	1.9	NNW	2.7	SE	2.3	3.9	—	—	—	2.7	**6.1**	4.3	**13.1**
29	54.8	55.6	56.8	56.0	55.4	56.0	55.8	WSW	2.8	W	2.4	NE	6.7	NNW	2.5	SSW	4.5	SSW	3.9	3.6	—	—	—	—	—	—	—
30	55.1	55.9	55.7	54.0	53.4	54.7	54.8	SW	3.0	WSW	2.0	WSW	2.3	W	5.4	N	3.0	WNW	2.1	3.2	—	—	—	—	—	—	—
平均 Mean	57.2	57.5	57.7	56.3	56.0	57.1	57.0		3.8		3.8		6.3		7.3		6.1		4.1	5.3	2.9	3.6	5.4	5.0	6.1	4.3	27.3

日 Day	氣溫(攝氏) AIR TEMPERATURE. (°C) 2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度(百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean	雲量(0-10)及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 6h	10h	14h	18h	22h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量(粍) AMOUNT OF EVAPORATION.
1	97.0	98.1	11.0	15.7	13.4	8.7	7.3	16.9	96.9	20.0	81	73	38	26	36	38	49	0 —	0 c	0 —	0 —	0 —	0.0	11.62	6.7
2	3.2	97.4	12.2	19.6	12.5	6.6	8.6	19.8	97.3	**22.5**	52	84	37	22	41	60	49	2 c	0 —	0 c	10 c, cs	0 —	2.4	11.40	9.0
3	7.3	4.0	6.0	9.4	7.2	4.5	6.4	10.1	3.7	6.4	48	66	29	24	29	40	39	10 cs	10 cs	0 sk	6 c	10 cs	7.2	11.00	6.8
4	1.9	99.8	0.4	2.4	2.2	98.2	0.8	4.5	98.2	6.3	44	38	33	33	35	55	40	10 sc	10 sc	10 sc, s	3 sk	0 —	6.6	2.93	3.8
5	97.1	95.8	2.1	4.3	3.3	99.9	0.4	5.6	95.6	10.0	64	67	39	35	37	63	51	0 —	7 sk	6 sk	0 sk	10 sc	4.6	11.20	4.7
6	99.8	99.1	2.4	3.5	2.0	97.4	0.7	4.2	97.4	6.8	63	64	40	30	39	60	49	9 kc, cs	9 sk, cs	10 sk, s	0 sk	0 —	5.6	8.58	4.6
7	96.2	95.6	2.9	5.4	4.5	99.0	0.6	6.0	95.0	11.0	61	69	28	24	26	50	43	0 c	0 ck	0 —	0 —	0 —	0.0	11.53	5.7
8	94.7	93.0	5.7	10.8	9.0	1.4	2.4	11.9	**92.0**	19.9	72	94	35	25	34	58	53	0 —	1 c	0 —	5 c	0 —	1.2	11.95	6.3
9	0.6	0.4	15.5	19.9	13.3	11.7	10.2	21.2	99.2	22.0	61	68	28	**19**	25	32	39	0 —	0 —	0 —	10 cs, ck	10 cs	4.0	11.63	**12.6**
10	8.8	3.1	5.5	9.1	6.8	2.5	6.0	12.3	2.5	9.8	50	70	28	**19**	24	32	37	10 s, n	10 sk	10 c, ck	10 cs	0 —	8.0	5.41	6.5
11	98.6	98.5	4.1	8.2	7.1	99.6	2.7	10.0	97.8	12.2	48	51	29	25	28	48	38	10 cs	10 sk	0 c	8 c, sk	0 —	5.6	9.12	6.3
12	99.1	1.4	12.8	14.9	11.1	7.7	7.8	15.1	98.2	16.9	47	47	30	20	31	33	35	2 cs	0 —	0 —	10 sc, s	10 sc	4.4	9.20	10.4
13	8.2	3.9	6.0	9.9	10.0	2.3	6.7	12.4	2.3	10.1	35	93	76	46	31	87	61	10 n	10 sk, s	8 k, sk	2 sk	0 —	6.0	7.01	3.7
14	0.1	3.4	8.0	11.0	8.5	7.9	6.5	11.1	99.7	11.4	94	72	45	38	52	53	59	10 sc	10 sc	10 ∞	10 ∞	10 sc	10.0	0.32	4.6
15	5.3	4.5	3.0	3.6	3.1	1.4	3.5	7.9	1.4	6.5	88	89	96	87	75	84	87	10 n	10 n	10 sk, s	10 sk, s	10 s	10.0	0.00	1.4
16	0.6	0.4	2.8	3.6	3.6	0.5	1.9	4.3	0.4	**3.9**	88	88	74	64	62	77	76	10 s, sc	10 sk, s	10 sk, s	10 sk, kc	0 —	8.0	1.59	2.4
17	98.6	96.7	4.7	7.3	6.3	99.1	2.1	8.7	96.6	12.1	86	86	51	34	38	76	62	2 sk	10 sk, kc	9 sk, k	0 —	0 —	4.2	8.58	3.8
18	97.3	99.6	6.3	9.3	8.9	0.8	3.7	10.4	96.1	14.3	84	74	41	26	27	57	52	1 sk	0 sk	1 sk	0 —	0 —	0.4	11.46	6.4
19	99.8	99.5	11.2	15.6	14.0	5.1	7.5	16.4	98.3	18.1	86	87	36	23	26	56	52	0 —	0 —	0 k	4 c	0 —	0.8	12.52	8.0
20	6.3	7.3	11.5	11.0	10.1	7.7	9.0	12.2	4.8	7.4	52	46	34	29	34	39	39	10 s, sk	10 sk, sc	10 sc, s	10 sc, sk	10 s	10.0	0.00	4.8
21	5.9	4.2	4.3	7.5	8.3	2.9	5.5	10.0	2.9	7.1	73	96	95	77	75	94	85	10 n	10 n	10 s, sc	0 s	0 —	6.0	2.63	1.6
22	0.7	0.8	11.0	16.6	13.7	5.9	8.1	16.6	99.9	16.7	97	96	50	28	35	67	62	10 ≡	0 —	7 sk, k	10 ∞	0 —	5.4	11.57	7.0
23	4.0	5.0	16.3	19.7	15.3	11.5	12.0	20.5	2.0	18.5	74	65	36	29	30	44	46	7 ck, sk	10 cs	10 cs	10 sc	10 sc, s	9.4	9.22	10.5
24	9.8	11.3	16.9	19.3	13.5	9.5	13.4	19.5	9.5	10.0	43	55	43	31	53	68	49	10 sc	3 sk	5 sk, k	3 c, sk	0 —	4.2	10.47	9.7
25	5.0	8.3	17.6	16.3	14.7	13.9	12.6	18.2	4.7	13.5	85	77	43	47	55	54	60	3 c	10 sc	10 sc, s	10 sc	10 s	8.6	4.85	6.9
26	10.2	8.9	15.4	20.2	20.1	12.3	14.5	22.2	8.4	13.8	65	80	56	33	31	68	56	10 sk, ck	10 cs, c	5 cs, c	10 sc, c	10 cs	9.0	11.95	7.0
27	8.8	9.7	19.0	22.6	19.7	12.7	15.4	**23.9**	8.2	15.7	81	80	47	39	42	63	59	10 cs	10 ck, cs	7 sk	10 sk, s	10 cs, sk	9.4	8.67	8.1
28	10.8	8.9	13.7	10.5	7.8	6.3	9.7	13.8	6.3	7.5	80	85	59	78	92	98	82	2 sk	10 sk	10 n	10 n	2 s	6.8	2.22	1.3
29	5.9	4.4	10.1	13.7	13.1	7.4	9.1	16.0	3.8	12.2	100	88	72	57	63	84	77	0 —	9 sk	7 sk, k	0 —	0 —	3.2	12.28	4.5
30	8.1	4.9	14.1	18.0	17.4	9.7	12.0	20.0	3.6	16.4	68	86	63	26	27	55	54	0 —	0 —	7 sk, kc	2 c	0 —	1.8	12.65	7.2
平均 Mean	3.0	2.3	9.1	12.0	10.0	5.1	6.9	13.4	0.8	12.6	69	74	47	36	41	60	55	5.6	6.3	5.7	5.8	3.7	5.4	243.56	182.3

※ 重力ノ更正　Reduction to standard gravity……— 0.2
海面ヘノ更正　Reduction to mean sea level……+ 4.1

長　春

昭和六年四月　　CHANGCHUN.　　APRIL, 1931.

日 Day	氣壓 ※ (粍) AIR PRESSURE. (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
1	39.8	38.7	40.0	38.7	39.5	40.9	39.6	WSW	2.3	W	1.3	WNW	1.2	N	3.5	N	2.0	—	0.0	1.7	—	—	—	—	—	—	—
2	40.6	40.7	39.2	34.9	34.0	34.3	37.3	—	0.0	—	0.0	S	3.5	SW	7.0	SW	7.6	SW	9.9	4.5	—	—	—	—	—	—	—
3	36.4	37.9	40.0	40.0	41.0	42.2	39.6	W	1.6	W	1.9	W	4.4	W	7.6	WNW	3.1	WNW	2.9	3.7	—	—	—	—	—	—	—
4	43.5	43.9	44.5	43.7	44.1	44.4	44.0	WNW	2.3	NW	1.5	NW	3.2	NW	3.6	N	2.2	N	2.9	2.6	—	—	—	—	—	—	—
5	44.1	46.2	46.9	44.2	44.2	43.7	44.9	N	2.1	NW	2.9	N	6.4	N	5.2	N	2.8	NNE	0.8	3.5	—	—	—	—	—	—	—
6	43.6	43.2	42.8	42.3	42.5	42.5	42.8	NNE	0.7	N	5.3	N	7.6	N	9.9	NNE	4.7	NNE	4.7	5.6	—	—	—	—	—	—	—
7	42.5	42.6	43.8	44.4	45.2	46.9	44.2	NNE	4.7	NNE	5.8	N	6.4	N	9.3	N	5.8	N	2.2	5.4	—	—	—	—	—	—	—
8	47.2	47.4	**47.6**	46.3	43.8	43.2	45.9	N	2.3	NW	0.6	W	4.1	W	5.8	W	3.6	WSW	3.4	3.7	—	—	—	—	—	—	—
9	40.5	40.5	39.5	37.3	36.5	38.0	38.7	WSW	6.4	WSW	7.0	WSW	8.8	SW	12.3	WSW	7.6	WSW	9.3	8.5	—	—	—	—	—	—	—
10	39.5	43.4	46.4	45.3	45.7	47.3	44.6	N	5.3	N	7.0	N	7.0	N	6.4	WNW	6.4	NNW	3.7	5.7	—	—	—	—	—	—	—
11	47.5	47.5	46.6	42.3	41.8	41.6	44.6	NW	1.8	NW	1.3	W	4.1	WSW	3.0	WSW	3.7	WSW	3.0	2.5	—	—	—	—	—	—	—
12	40.5	38.8	36.8	33.3	32.9	33.5	36.0	SW	1.2	S	2.9	SW	8.8	SW	9.9	SW	10.5	SW	7.6	6.5	—	—	—	—	—	—	—
13	34.1	35.2	35.7	34.8	36.1	37.4	35.6	SW	2.2	NW	1.1	SSW	1.8	NW	5.2	W	5.2	W	2.9	3.4	—	—	0.0	—	—	—	0.0
14	37.0	37.0	35.3	34.0	34.0	34.5	35.3	WSW	0.9	WSW	0.8	S	4.1	SE	4.1	ENE	4.1	ENE	2.7	2.8	—	—	—	3.8	—	—	3.8
15	34.2	33.2	33.3	33.2	34.9	36.5	34.2	ENE	1.5	ENE	1.3	NE	4.1	NE	6.4	NE	5.3	NE	1.9	2.9	1.6	5.5	2.0	1.4	0.6	0.1	11.2
16	36.4	36.6	37.5	37.6	39.4	40.5	38.0	—	0.0	—	0.0	NE	4.2	NE	4.7	NE	4.7	N	0.8	2.2	—	—	—	—	0.0	—	0.0
17	41.0	41.9	40.3	40.0	39.7	40.6	40.6	—	0.0	—	0.0	N	3.5	N	3.5	NW	2.3	W	2.5	1.7	—	—	—	—	—	—	—
18	40.4	40.3	42.1	42.5	43.3	44.2	42.1	—	0.0	—	0.0	NW	3.9	NW	3.5	WNW	2.1	W	1.8	2.2	—	—	—	—	—	—	—
19	44.1	43.8	44.3	43.7	41.9	42.0	43.3	W	2.3	W	3.7	W	3.7	W	5.6	WSW	3.0	SW	2.3	3.8	—	—	—	—	—	—	—
20	41.0	39.1	36.4	**32.6**	35.6	35.9	36.8	SW	2.9	SW	4.1	SW	6.4	SW	**12.8**	WSW	**12.8**	WSW	8.2	7.5	—	—	0.2	—	0.0	4.0	4.2
21	35.5	35.2	35.7	36.0	35.4	36.6	35.7	WSW	5.8	WSW	2.6	W	2.9	WSW	2.9	SW	2.1	SW	1.8	3.5	3.0	2.0	—	—	—	—	5.0
22	36.8	37.0	37.9	37.7	37.9	39.3	37.8	SW	1.6	W	2.1	W	2.3	WNW	4.7	WNW	2.5	WSW	2.1	3.0	—	—	—	—	—	—	—
23	39.2	38.7	38.3	37.2	37.6	37.6	38.1	WSW	3.4	SW	5.8	SW	3.8	SW	7.0	SW	2.9	SW	3.4	4.3	—	—	—	—	—	—	—
24	36.9	36.8	37.9	37.0	37.8	40.6	37.8	SW	4.1	SW	2.3	SW	4.6	WSW	9.3	WSW	3.1	NE	1.8	4.3	—	—	—	—	2.0	—	2.0
25	41.6	42.2	40.1	38.5	35.1	34.4	38.7	SW	2.1	SW	1.2	S	3.0	SW	3.1	SSW	5.3	WSW	5.8	3.5	—	—	—	0.0	—	2.1	2.1
26	36.9	42.9	43.9	43.6	42.3	42.7	42.1	WNW	5.3	NW	3.3	W	2.6	SW	1.6	SE	1.5	SE	1.2	2.6	—	—	—	—	—	—	—
27	41.6	39.0	36.0	33.3	32.9	34.7	36.3	SE	0.9	SE	1.1	S	2.5	W	0.5	NW	1.4	SSW	0.6	1.4	—	—	—	—	—	0.5	0.5
28	33.6	34.5	37.2	36.7	36.5	37.1	35.9	SW	2.0	W	6.4	W	5.6	W	4.7	WSW	4.7	W	3.7	4.4	—	—	0.3	—	—	—	0.3
29	37.3	38.5	38.2	38.4	38.1	37.8	38.1	W	0.8	NNW	2.6	NNW	2.3	NW	2.6	W	2.5	WSW	2.1	2.3	—	—	—	—	—	—	—
30	37.2	37.4	37.7	36.9	36.7	38.6	37.4	W	4.1	W	3.5	WNW	3.5	NW	5.3	NW	2.9	NW	1.1	3.9	—	—	—	—	—	—	—
平均 Mean	39.7	40.0	40.1	38.9	38.9	39.7	39.5		2.4		2.6		4.3		5.7		4.3		3.2	3.8	4.6	7.5	2.5	5.2	2.6	6.7	29.1

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 6h	10h	14h	18h	22h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	99.5	99.2	7.3	8.4	5.2	99.0	3.1	9.7	98.7	11.0	85	50	39	32	45	93	57	3 sk	0 c	10 sc	10 sc	0 c	4.6	5.70	4.0
2	97.9	96.6	9.3	16.2	12.2	7.6	6.6	16.5	96.1	**20.4**	94	94	32	25	29	38	52	0 —	0 c	0 —	0 —	0 —	0.0	11.50	4.1
3	1.6	99.4	4.8	6.6	3.0	98.8	2.4	7.6	98.5	9.1	38	45	29	21	22	33	32	10 sc	9 cs, c	6 c	0 —	0 —	5.0	9.90	4.4
4	94.9	92.9	0.4	2.0	99.0	97.1	97.7	2.6	**92.6**	9.8	48	73	36	38	43	64	50	4 c	10 c	10 sc	10 sk	10 sk	8.8	10.30	2.8
5	95.5	94.2	0.5	1.6	99.3	95.0	97.7	2.4	93.6	8.8	73	88	41	37	40	66	58	0 —	5 s	10 sk	7 sk	7 —	4.4	10.40	3.0
6	95.5	95.6	0.1	0.6	97.6	94.6	97.3	9.8	94.9	6.8	69	83	35	29	30	42	48	6 sc	10 s	10 sk	10 sk	10 s	9.2	11.40	3.6
7	93.4	95.2	1.2	4.0	2.2	96.5	98.8	4.6	93.0	11.6	54	54	34	25	30	42	40	10 s	10 cs, c	0 c	0 —	0 —	4.0	10.20	4.1
8	93.3	93.6	7.0	9.6	5.0	2.6	1.9	10.3	93.1	17.2	50	61	22	**16**	21	30	33	0 —	3 c	6 c	6 c	0 —	3.0	11.60	5.8
9	4.3	4.0	18.3	21.5	16.3	9.4	12.3	22.2	2.0	20.2	38	36	23	18	23	36	29	0 —	0 —	0 —	0 —	10 sc	2.0	11.40	5.2
10	4.6	0.6	4.7	6.6	0.8	96.5	2.3	9.7	96.2	13.5	44	68	26	17	24	34	36	10 sc	10 c	10 sc	3 sk	0 —	6.6	9.40	5.2
11	93.3	93.4	3.2	7.4	4.2	99.4	0.2	8.1	93.2	14.9	55	67	32	29	35	31	42	3 ck	10 c	0 c	0 —	0 —	2.6	11.70	4.5
12	98.6	97.2	10.8	13.9	8.7	7.2	6.1	14.3	96.5	17.8	38	50	33	30	29	31	35	8 c, sk	10 cs	10 c	0 —	0 —	5.6	9.50	7.5
13	4.4	3.6	5.6	9.3	5.0	0.2	4.7	10.9	0.0	10.9	39	44	70	30	30	35	41	10 sc	9 c, ck	10 sk	0 —	0 —	5.8	6.10	**7.9**
14	98.0	95.6	2.5	1.8	1.8	1.6	0.2	3.0	95.3	7.7	36	49	61	96	88	92	70	10 c	10 s	10 s	10 s	10 s	10.0	0.00	2.5
15	0.3	99.8	0.2	0.0	99.9	99.1	99.9	2.0	97.0	**5.0**	99	100	96	98	93	95	97	10 n	10 n	10 n	10 n	4 s	8.8	0.00	3.3
16	97.7	97.4	99.3	2.1	99.7	98.6	99.1	2.6	97.0	5.6	94	95	85	60	62	92	81	10 sc	10 sc	10 sk	10 s	0 —	8.0	0.00	2.0
17	96.8	95.6	2.0	2.7	1.2	99.2	99.6	4.0	95.3	8.7	65	78	39	48	53	71	59	0 —	9 c, ck	10 sk	0 c	0 —	3.8	8.60	6.0
18	98.0	97.6	4.2	4.6	2.6	99.8	1.1	5.4	97.0	8.4	84	84	43	34	41	55	57	0 —	0 sk	10 sc	0 —	0 —	2.0	7.50	5.4
19	99.5	99.6	7.0	10.4	7.6	5.0	4.9	12.7	98.0	14.7	61	63	48	36	48	45	50	0 —	0 —	0 sk	0 —	0 —	0.0	12.40	5.7
20	3.0	3.6	6.3	11.6	2.2	2.2	4.7	12.3	0.5	11.8	51	55	69	33	60	96	61	10 sc	10 sc	10 s	10 n	10 n	10.0	0.00	3.5
21	0.6	3.3	3.1	7.1	7.8	5.1	4.0	9.7	99.5	10.2	98	98	94	83	81	88	90	10 s	10 sk	10 sc	9 sk	0 s	7.8	0.00	5.1
22	1.8	1.7	10.0	11.0	9.6	4.0	6.4	12.7	1.4	11.3	93	96	49	24	33	51	58	0 —	2 sk	10 sk	3 sk	0 —	3.0	11.70	5.4
23	3.5	3.0	14.6	16.4	13.3	9.2	10.0	18.0	0.5	17.5	56	65	43	38	51	55	51	0 —	10 c	10 cs	10 sc	10 sc	8.0	8.00	5.5
24	7.7	8.6	15.2	17.0	9.6	7.6	11.0	17.4	7.4	10.0	57	53	48	50	53	81	57	10 sc	10 sc	10 sc	10 s	0 —	8.0	6.80	5.4
25	6.4	5.8	12.2	15.6	13.6	6.8	10.1	17.0	5.0	12.0	85	87	87	45	45	72	70	0 —	10 s	10 s	10 s	10 s	8.0	0.00	4.5
26	5.2	5.9	12.0	13.5	16.0	9.6	10.4	17.4	5.0	12.4	87	90	77	50	27	49	63	10 s	3 ck	0 —	0 —	10 s	4.6	11.30	4.3
27	8.0	8.2	18.2	20.3	18.5	11.2	14.1	**23.7**	7.0	16.7	58	58	36	38	41	92	54	10 sc	0 —	0 —	10 sk	8 sk	5.6	8.90	3.0
28	10.5	7.4	10.8	13.0	11.0	6.6	9.9	13.4	5.9	7.5	88	75	57	44	62	83	68	10 s	10 sk	10 sk	8 sk	0 —	7.6	6.70	4.5
29	5.6	4.7	7.2	9.4	12.7	7.2	7.8	14.2	4.0	10.2	92	76	78	51	47	67	69	0 —	10 sc	0 —	0 —	4 sk	2.8	3.50	4.5
30	6.5	3.8	13.2	14.8	13.8	5.2	9.6	15.3	3.1	12.2	71	69	27	23	24	59	46	0 —	8 sk	10 sk	8 sk	0 —	5.2	12.60	6.6
平均 Mean	0.9	0.1	7.0	9.3	6.6	2.7	4.5	10.7	98.9	11.8	67	70	50	40	44	61	55	5.1	6.9	7.1	5.1	3.2	5.5	227.10	139.3

※ 重力ノ更正　Reduction to standard gravity ..... — 0.1
海面ヘノ更正　Reduction to mean sea level ..... + 19.9

旅順

昭和六年四月 RYOJUN. APRIL, 1931.

Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	58.0	56.6	56.1	56.9	WNW	8.8	WNW	11.1	WNW	7.1	8.8	—	—	—	—
2	55.4	54.5	52.7	54.2	NW	4.7	S	3.0	SSW	3.6	4.2	—	—	—	—
3	51.3	52.4	52.9	52.2	W	8.4	NNE	4.0	SSE	1.5	5.3	—	—	—	—
4	50.7	54.6	59.1	54.8	E	5.1	ENE	12.4	NNE	1.8	6.2	—	3.0	0.0	3.0
5	62.0	62.1	59.1	61.1	NNW	2.9	N	5.3	—	0.0	3.3	—	—	—	—
6	53.9	59.3	60.3	57.8	NNE	2.7	N	3.2	W	0.8	3.8	—	—	—	—
7	60.2	62.2	63.8	62.1	N	3.5	N	3.7	W	3.5	4.2	—	0.0	—	0.0
8	64.4	63.9	62.8	63.7	WNW	7.0	WNW	7.6	W	5.0	6.4	—	—	—	—
9	61.6	60.2	57.0	59.6	WSW	5.2	S	7.0	SE	2.2	5.5	—	—	—	—
10	56.4	59.8	61.3	59.2	W	4.1	NNE	11.7	NNE	5.6	8.5	—	—	—	—
11	61.2	60.8	60.0	60.7	NE	2.0	NW	3.7	SW	1.0	3.5	—	—	—	—
12	57.7	54.7	52.4	54.9	W	7.6	SSW	7.0	S	8.5	7.3	—	—	—	—
13	49.5	51.1	53.3	51.3	SW	4.7	NW	11.5	WSW	0.5	5.4	—	0.5	—	0.5
14	50.6	47.5	45.4	47.8	SSE	5.8	SE	5.0	SE	6.7	6.0	—	—	—	—
15	44.1	46.2	47.3	45.9	NE	4.0	NE	5.8	NE	5.8	6.0	—	—	—	—
16	47.0	49.7	54.6	50.4	N	5.3	NNW	7.0	ENE	2.3	4.5	1.3	—	—	1.3
17	54.9	56.1	56.8	55.9	NNE	2.7	WNW	6.0	WNW	0.5	3.5	—	—	—	—
18	57.9	59.5	60.8	59.4	NW	3.7	W	7.4	W	4.0	4.2	—	—	—	—
19	61.5	61.2	60.1	60.9	WNW	1.6	W	6.3	SE	2.3	3.8	—	—	—	—
20	55.9	54.0	50.0	53.3	SSW	4.1	SE	4.1	SSE	2.8	3.8	—	—	—	—
21	48.2	50.1	53.8	50.7	SE	3.4	NE	1.5	N	1.6	2.1	—	2.4	0.4	2.8
22	55.4	56.4	56.3	56.0	WNW	2.9	W	10.7	W	1.8	4.0	—	—	—	—
23	55.8	55.1	54.8	55.2	—	0.4	SE	2.1	SE	3.6	2.6	—	—	—	—
24	54.8	55.0	55.6	55.1	S	2.1	SSE	2.2	SE	3.5	4.0	—	—	—	—
25	57.6	56.1	55.0	56.2	SE	2.9	SE	4.9	SE	3.4	4.2	—	—	—	—
26	55.4	55.7	54.3	55.1	ESE	2.0	ESE	12.3	ESE	7.6	7.0	—	—	—	—
27	50.2	49.9	51.9	50.7	N	2.7	NNW	4.1	SE	1.2	3.1	—	—	—	—
28	51.9	51.8	52.0	51.9	SE	1.6	SE	4.9	NNW	2.3	2.7	—	0.0	0.0	0.0
29	54.6	55.1	55.7	55.1	N	1.8	NW	5.6	WSW	4.1	4.9	—	—	—	—
30	54.4	52.8	55.3	54.2	WSW	10.2	W	7.4	N	2.3	5.7	—	—	—	—
平均 Mean	55.1	55.5	55.7	55.4		4.1		6.3		3.2	4.8	1.3	5.9	0.4	7.6

Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean	日照時數 No. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	3.8	9.6	9.3	7.6	11.6	1.5	10.1	66	42	39	49	0 —	0 —	10 cs	3.3	11.20	5.8
2	9.4	10.4	8.2	9.3	15.1	5.5	9.6	44	40	52	45	10 kc	9 c, cs	10 kc, cs	9.7	8.64	5.5
3	11.3	14.0	8.4	11.2	15.3	7.0	8.3	52	41	68	54	10 cs	0 —	7 c, cs	5.7	10.85	4.4
4	6.3	96.9	0.9	1.4	8.7	96.2	12.5	85	97	49	77	10 sk	10 n	0 —	6.7	2.68	1.5
5	0.3	4.3	99.8	1.5	6.2	99.0	7.2	41	35	53	43	0 —	0 —	0 —	0.0	11.90	3.6
6	2.9	4.7	0.8	2.8	5.3	98.9	6.4	65	38	56	53	10 kc	0 k	0 —	3.3	8.13	3.8
7	1.4	6.6	0.6	2.9	6.8	99.5	7.3	92	29	63	61	10 sc	0 —	0 —	3.3	10.30	5.2
8	2.2	9.3	4.7	5.4	10.6	99.3	11.3	63	36	52	50	0 —	0 —	0 —	0.0	12.00	7.0
9	5.2	15.0	6.2	8.8	16.4	3.7	12.7	53	25	53	44	0 —	0 —	10 sk	3.3	11.70	4.0
10	7.3	6.0	6.6	6.6	10.7	3.9	6.8	57	46	34	46	10 sk	10 sk	10 sc	10.0	0.10	5.2
11	3.2	8.4	1.8	4.5	9.2	0.6	8.6	32	30	48	37	10 sc	8 kc	0 —	6.0	8.38	5.4
12	4.0	14.3	7.0	8.4	14.5	0.3	14.2	54	32	56	47	0 cs	10 c, cs	0 —	3.3	11.68	5.3
13	9.0	8.8	4.3	7.4	12.6	3.6	9.0	61	64	65	63	10 sk	0 sk	0 —	3.3	8.92	5.0
14	4.8	9.3	7.4	7.2	10.3	2.8	7.5	64	53	69	62	10 cs	10 ⌒	10 ⌒	10.0	5.50	3.2
15	9.4	6.8	4.6	6.9	10.9	3.9	7.0	79	72	78	76	10 s	10 sc	10 sc	10.0	4.70	2.7
16	2.3	7.4	3.5	4.4	8.2	1.1	7.1	98	54	66	73	10 sk	0 sk	0 —	3.3	9.00	4.7
17	1.2	7.7	3.0	4.0	9.4	0.0	9.4	58	33	50	47	0 —	10 cs	0 —	3.3	11.60	4.2
18	3.2	9.0	3.6	5.3	10.7	1.5	9.2	62	59	89	70	3 c	9 c	3 sk	5.0	10.45	4.9
19	4.0	12.8	6.7	7.8	14.2	2.3	11.9	66	32	71	56	6 c	10 c	0 —	5.3	12.00	5.7
20	6.2	8.4	7.9	7.5	10.9	4.3	6.6	38	50	51	46	0 —	10 kc	10 s	6.7	6.43	2.6
21	6.5	6.7	4.0	5.7	8.3	2.7	5.6	71	97	93	87	10 sk	10 n	0 —	6.7	0.60	2.3
22	5.2	16.3	9.8	10.4	17.0	2.9	14.1	77	35	47	53	0 —	0 —	0 —	0.0	12.10	6.2
23	6.3	13.8	10.2	10.1	15.2	4.0	11.2	67	42	51	53	10 sc	9 cs, c	10 sk	9.7	7.91	6.0
24	9.4	12.6	10.8	10.9	14.3	8.6	5.7	69	61	76	69	8 sk, kc	6 c	0 —	4.7	12.00	4.8
25	7.6	14.3	9.7	10.5	14.7	6.3	8.4	85	53	70	69	0 cs	10 cs	10 sk	6.7	11.10	5.5
26	8.8	13.2	8.5	10.2	13.9	7.3	6.6	81	65	75	74	10 sk	9 c, kc	10 s	9.7	1.58	4.5
27	9.2	17.5	9.0	11.9	18.0	7.6	10.4	68	47	68	66	10 ck, sc	0 kc	0 —	3.3	11.10	5.2
28	7.0	8.4	10.0	8.5	12.7	6.2	6.5	77	85	97	86	10 cs	10 n	10 s	10.0	1.40	3.8
29	6.6	16.0	11.2	11.3	17.8	4.3	13.5	98	30	29	52	0 s	8 c	0 —	2.7	11.70	4.8
30	11.8	15.7	14.3	13.9	18.2	8.8	9.4	30	45	44	40	6 cs	3 c	0 —	3.0	12.40	7.2
平均 Mean	5.9	10.1	6.4	7.5	12.3	3.1	9.1	66	49	60	58	6.1	5.7	4.0	5.3	258.05	140.0

※ 重力ノ更正 Reduction to standard gravity…… — 0.4
海面ヘノ更正 Reduction to mean sea level…… + 7.4

鞍山

昭和六年四月 ANSHAN. APRIL, 1931.

日 Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	57.8	56.8	57.2	57.3	S	1.2	WSW	4.7	S	2.8	3.3	—	—	—	—
2	59.4	54.7	53.8	56.0	S	2.3	SW	5.8	S	3.5	3.7	—	—	—	—
3	53.7	58.2	58.2	56.7	NNW	5.0	NE	7.3	ENE	3.5	5.2	—	—	—	—
4	61.2	61.7	62.8	61.9	NE	8.8	NE	8.8	E	3.5	6.7	—	—	—	—
5	64.2	64.8	61.3	63.4	NNE	3.5	NNE	5.8	—	0.0	3.6	—	—	—	—
6	60.0	61.3	61.5	60.9	E	1.5	NE	8.8	—	0.0	4.5	2.1	1.0	0.0	3.1
7	63.7	64.9	66.2	64.9	N	1.8	NNE	9.3	NE	3.3	4.7	—	—	—	—
8	66.9	61.6	63.6	64.0	SW	2.3	NW	3.3	S	4.3	2.1	—	—	—	—
9	61.9	60.2	57.1	59.7	SSW	4.7	SW	10.7	SW	6.1	7.7	—	—	—	—
10	62.4	64.6	65.9	64.3	NE	5.8	NE	9.3	NE	2.6	7.8	0.9	—	—	0.9
11	65.5	63.1	60.6	63.1	ENE	3.2	NE	4.7	S	3.8	3.1	—	—	—	—
12	58.4	55.6	53.8	55.9	SW	6.4	SW	10.9	SSW	9.7	8.7	—	—	—	—
13	53.0	53.6	56.4	54.3	SSW	2.0	NNW	5.3	SW	1.8	4.2	1.5	5.7	—	7.2
14	52.4	47.9	47.8	49.4	SSW	4.8	SSW	12.1	SSW	7.6	7.0	—	—	—	—
15	50.6	50.9	53.4	51.6	W	0.9	NNW	4.6	NE	4.1	3.6	2.5	5.6	—	8.1
16	51.7	53.8	56.7	54.1	NE	4.7	NE	10.3	NE	6.0	6.7	0.0	—	—	0.0
17	58.7	57.9	59.2	58.6	S	0.8	NNW	1.8	SE	0.8	1.9	—	—	—	—
18	59.1	62.2	62.3	61.2	SW	4.4	N	4.7	SSE	1.8	3.7	—	—	—	—
19	63.7	63.1	61.4	62.7	S	4.1	WSW	3.0	SW	3.5	4.1	—	—	—	—
20	57.9	54.9	53.5	55.4	SW	4.7	SW	7.6	SSW	3.4	5.0	—	—	—	—
21	52.0	54.2	56.2	54.1	SW	1.8	E	2.7	SW	3.3	1.7	1.3	4.8	—	6.1
22	57.3	58.3	59.2	58.3	SW	3.2	NW	6.4	WSW	3.6	3.5	—	—	—	—
23	58.6	56.4	56.3	57.1	WSW	5.6	SW	8.2	S	3.0	5.4	—	—	—	—
24	56.7	56.3	57.8	56.9	SSW	5.8	WSW	7.0	WSW	6.0	6.0	—	—	—	—
25	58.7	57.3	56.3	57.4	SSW	2.4	SSW	7.9	SSW	7.7	5.4	—	—	—	—
26	61.2	64.0	61.3	62.2	W	2.3	E	2.0	SE	0.8	2.2	—	—	—	—
27	54.4	51.7	53.9	53.3	ESE	0.9	WSW	3.0	SW	5.3	2.8	—	—	—	—
28	54.5	55.9	55.5	55.3	S	0.7	NE	2.4	S	4.1	2.6	—	—	13.8	13.8
29	56.7	57.0	57.4	57.0	W	1.2	NE	4.8	W	4.6	3.2	—	—	—	—
30	56.6	55.7	60.1	57.5	S	2.6	NW	4.3	WSW	1.8	4.2	—	—	—	—
平均 Mean	58.3	58.0	58.2	58.2		3.3		6.3		3.7	4.5	8.3	17.1	13.8	39.2

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	3.8	16.7	7.2	9.2	18.1	99.4	18.7	39	25	47	37	0 —	0 —	0 —	0.0	11.50	5.8
2	0.7	19.5	9.4	9.9	20.7	0.2	20.5	66	19	45	43	8 sk	1 cs	8 s	5.7	9.50	6.7
3	5.8	10.3	4.2	6.8	12.8	3.6	9.2	55	21	35	37	5 cs	7 cs	10 ck	7.3	10.60	8.2
4	1.4	1.5	98.4	0.4	4.5	98.3	6.2	39	83	66	63	10 sk	10 sk	0 —	6.7	0.00	7.0
5	95.8	4.8	0.5	0.4	5.2	95.3	9.9	78	29	73	60	0 —	5 k	10 sk	5.0	11.10	3.6
6	98.4	4.4	97.0	99.9	4.5	96.7	7.8	95	42	79	72	10 n	8 sk	0 —	6.0	4.40	5.1
7	95.2	5.7	96.4	99.1	6.3	94.9	11.4	94	20	63	59	0 —	2 s	0 —	0.7	10.80	5.2
8	95.6	9.8	3.2	2.9	12.2	94.7	17.5	94	25	52	57	0 —	0 —	0 —	0.0	11.10	6.0
9	6.2	16.2	12.9	11.8	19.9	3.0	16.9	32	19	27	26	0 —	0 —	3 sk	1.0	11.10	7.5
10	7.7	9.3	2.2	6.4	13.8	2.0	11.8	51	15	35	34	10 sk	7 ck	4 sk	7.0	3.70	10.9
11	98.6	7.0	1.6	2.4	8.8	97.7	11.1	41	20	50	37	10 sk	2 cs	0 —	4.0	6.90	6.2
12	5.0	15.0	9.2	9.7	15.2	1.4	13.8	38	24	27	30	0 —	1 sc	6 sk	2.3	10.60	6.5
13	5.5	9.7	4.6	6.6	11.5	2.8	8.7	84	50	63	66	10 n	6 k	0 —	5.3	4.90	8.9
14	6.4	11.5	9.7	9.2	11.7	3.0	8.7	43	31	48	41	10 ck	10 s	10 ck	10.0	0.00	3.9
15	5.4	3.8	2.3	3.8	9.7	98.2	11.5	87	86	85	86	10 n	10 sk	10 sk	10.0	0.00	4.6
16	0.8	5.2	0.9	2.3	5.7	0.5	5.2	92	62	78	77	10 sk	10 sk	0 —	6.7	3.60	1.0
17	97.8	7.4	1.2	2.1	9.4	96.8	12.6	87	36	52	58	0 —	7 k	0 —	2.3	7.80	2.6
18	1.4	9.5	3.3	4.7	10.4	99.7	10.7	66	29	48	48	1 cs	4 k	0 —	1.7	10.50	4.7
19	2.7	15.1	6.6	8.1	16.4	1.8	14.6	63	30	61	51	0 —	3 k	0 —	1.0	11.50	5.5
20	8.9	14.5	9.6	11.0	14.6	5.2	9.4	28	19	31	26	10 sk	9 sk	10 sk	9.7	0.00	7.9
21	5.6	5.6	3.2	4.8	9.7	3.1	6.6	77	90	93	87	10 n	9 n	0 —	6.3	1.40	5.8
22	2.0	16.2	8.1	8.8	16.9	1.7	15.2	92	31	55	59	0 —	6 s	0 —	2.0	11.70	4.6
23	8.5	20.6	14.1	14.4	21.3	5.4	15.9	41	22	35	33	0 —	8 cs	9 sk	5.7	9.30	6.5
24	12.5	18.4	10.9	13.9	19.7	10.9	8.8	41	34	66	47	10 sk	9 s	0 —	6.3	7.30	10.5
25	11.1	17.3	15.0	14.5	19.1	8.4	10.7	57	38	45	47	3 cs	10 sk	8 sk	7.0	3.30	8.4
26	8.9	20.5	13.4	14.2	22.0	8.9	13.1	73	37	63	58	6 ok	0 —	0 —	2.0	9.20	6.9
27	9.2	22.1	13.3	14.9	23.7	8.2	15.5	80	36	54	57	10 sk	10 sk	4 ck	8.0	7.30	5.9
28	11.7	13.5	7.9	11.0	14.0	7.3	6.7	70	62	92	75	10 sk	10 n	10 n	10.0	0.00	6.9
29	2.5	13.3	9.9	8.6	15.3	2.1	13.2	100	56	74	77	10 s	8 k	0 —	6.0	9.90	4.8
30	7.2	19.0	12.7	13.0	19.7	6.5	13.2	56	24	45	42	1 sk	1 s	0 —	0.7	10.40	6.0
平均 Mean	4.1	12.1	6.3	7.5	13.8	1.9	11.8	65	37	56	53	5.5	5.8	3.4	4.9	209.40	184.1

* 重力ノ更正 Reduction to standard gravity…… — 0.3
海面ヘノ更正 Reduction to mean sea level…… + 3.6

開　　原

昭和六年四月　　KAIYUAN.　　APRIL, 1931.

日 Day	氣壓* (粍) AIR PRESSURE. (mm) (700 mm +) 10h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 10h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 10h	總計 Total
1	52.7	52.7	WSW	2.9	2.9	—	—
2	52.2	52.2	SSW	4.1	5.6	—	—
3	53.6	53.6	N	5.3	3.8	—	—
4	57.0	57.0	NNW	4.1	4.3	—	—
5	59.4	59.4	N	6.4	3.3	—	—
6	56.2	56.2	N	8.2	4.2	—	—
7	58.3	58.3	NNW	8.2	5.2	—	—
8	61.3	61.3	WSW	2.8	3.5	—	—
9	54.1	54.1	SSW	8.8	9.9	—	—
10	60.1	60.1	N	5.3	5.9	1.1	1.1
11	59.2	59.2	NW	0.8	1.8	—	—
12	49.7	49.7	SSW	12.8	10.1	—	—
13	48.9	48.9	SE	3.7	3.8	4.0	4.0
14	44.4	44.4	SSE	7.6	6.6	0.1	0.1
15	43.8	43.8	S	1.2	4.1	1.6	1.6
16	48.7	48.7	N	5.8	4.1	2.2	2.2
17	52.9	52.9	SSW	0.5	1.9	—	—
18	55.8	55.8	NW	5.3	3.3	0.1	0.1
19	57.7	57.7	SW	5.3	4.8	—	—
20	49.6	49.6	SSW	11.7	8.2	0.1	0.1
21	48.5	48.5	S	3.7	3.0	10.8	10.8
22	51.5	51.5	SW	4.4	4.4	0.5	0.5
23	51.6	51.6	SSW	9.7	6.7	—	—
24	50.2	0.2	SSW	11.7	9.5	—	—
25	52.5	52.5	S	8.8	8.2	—	—
26	56.3	56.3	ENE	2.3	4.1	—	—
27	47.5	47.5	ENE	0.8	2.8	—	—
28	50.0	50.0	WNW	4.4	5.3	1.8	1.8
29	52.3	52.3	N	4.1	3.3	8.8	8.8
30	51.3	51.3	SW	4.1	4.0	—	—
平均 Mean	52.9	52.9		5.5	5.0	31.1	31.1

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 10h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 10h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 10h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION
1	9.1	9.1	9.2	96.7	12.5	42	42	0 —	0.0	11.30	5.5
2	11.5	11.5	14.5	96.4	18.1	41	41	0 —	0.0	11.00	8.9
3	5.7	5.7	17.8	1.8	16.0	33	33	10 cs	10.0	9.40	5.6
4	0.7	0.7	8.9	98.2	10.7	36	36	10 sc	10.0	4.05	3.2
5	1.4	1.4	3.2	93.2	10.0	40	40	7 sc	7.0	11.30	4.0
6	1.8	1.8	4.7	93.6	11.1	51	51	10 k	10.0	8.50	4.3
7	2.4	2.4	3.6	94.5	9.1	30	30	9 c	9.0	10.50	5.3
8	6.6	6.6	6.6	91.0	15.6	32	32	5 c	5.0	11.60	7.9
9	16.3	16.3	16.4	0.6	15.8	25	25	0 —	0.0	10.90	15.1
10	5.4	5.4	21.1	0.4	20.7	32	32	9 kc	9.0	6.60	5.4
11	4.5	4.5	8.8	92.4	16.4	32	32	10 sc	10.0	11.60	6.0
12	12.7	12.7	12.7	98.6	14.1	30	30	0 —	0.0	8.30	19.5
13	6.4	6.4	14.6	2.0	12.6	69	69	10 k	10.0	6.45	4.2
14	7.4	7.4	11.0	98.8	12.2	45	45	10 sk	10.0	1.20	4.4
15	4.5	4.5	11.4	2.8	8.6	95	95	10 n	10.0	0.30	1.2
16	1.1	1.1	4.6	99.2	5.4	88	88	10 sk	10.0	1.40	1.9
17	4.4	4.4	4.4	94.2	10.2	52	52	3 k	3.0	6.10	3.2
18	5.9	5.9	6.4	96.0	10.4	26	26	2 kc	2.0	10.25	5.8
19	9.6	9.6	9.7	98.4	11.3	42	42	0 —	0.0	11.90	7.9
20	10.9	10.9	15.2	2.8	12.4	34	34	10 sc	10.0	2.50	7.8
21	2.9	2.9	14.0	0.8	13.2	93	93	10 n	10.0	3.10	2.9
22	10.1	10.1	10.2	0.6	9.6	55	55	0 —	0.0	11.70	6.7
23	15.7	15.7	15.7	2.0	13.7	36	36	9 ck	9.0	8.20	12.0
24	16.5	16.5	19.6	10.2	9.4	42	42	10 sc	10.0	9.20	10.8
25	18.7	18.7	19.4	2.8	16.6	33	33	10 sc	10.0	5.20	9.7
26	14.5	14.5	20.5	7.7	12.8	48	48	3 cs	3.0	11.00	7.2
27	18.0	18.0	19.6	6.4	13.2	40	40	9 c	9.0	8.40	8.4
28	13.2	13.2	22.7	8.6	14.1	59	59	10 sc	10.0	3.90	4.1
29	8.0	8.0	14.7	2.7	12.0	68	68	10 sk	10.0	7.90	5.9
30	14.5	14.5	14.6	3.7	10.9	34	34	2 k	2.0	11.60	8.2
平均 Mean	8.7	8.7	12.5	99.9	12.0	46	46	6.6	6.6	285.35	203.6

* 重力ノ更正　Reduction to standard gravity ……— 0.2
海面ヘノ更正　Reduction to mean sea level ……+ 8.5

鄭家屯

昭和六年四月 — CHENGCHIATUN. — APRIL, 1931.

日 Day	氣壓 AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	51.4	51.4	51.9	51.6	—	0.0	NNW	1.9	NNE	1.9	1.4	—	—	—	—
2	52.6	47.9	44.1	48.2	SW	1.6	SW	8.0	SW	7.6	5.3	—	—	—	—
3	50.1	52.4	54.1	52.2	N	4.5	NNW	0.6	NNE	3.6	5.0	—	—	—	—
4	56.1	56.4	56.8	56.4	NNW	3.3	N	5.8	NNE	2.2	4.2	—	—	—	—
5	58.9	57.6	55.5	57.3	N	5.3	NNE	4.8	NNE	1.1	3.8	—	—	—	—
6	55.0	55.7	55.8	55.5	N	1.6	NNE	8.9	NNE	2.7	4.7	—	—	—	—
7	56.1	57.2	58.9	57.4	NNW	5.3	N	11.0	—	0.3	5.9	—	—	—	—
8	58.9	57.9	54.6	57.1	—	0.0	WNW	5.0	SSW	5.3	2.4	—	—	—	—
9	52.4	50.4	49.5	50.8	SSW	3.6	SW	9.9	SW	6.4	6.2	—	—	—	—
10	56.3	58.0	59.2	57.8	N	6.8	NNW	7.0	N	5.1	6.9	0.0	—	—	0.0
11	58.7	55.7	52.2	55.5	NNW	1.9	WSW	4.1	SSW	5.1	3.0	—	—	—	—
12	49.4	45.1	43.9	46.1	SSW	3.4	SW	2.0	SSW	13.7	7.5	—	—	—	—
13	47.3	47.0	48.6	47.6	NNE	5.3	NNW	4.8	WNW	0.6	5.9	0.0	—	—	0.0
14	41.9	42.0	43.5	42.5	SE	3.7	S	5.0	SE	2.5	4.1	—	—	—	—
15	43.4	45.4	47.8	45.5	NNE	6.2	NNE	11.0	NE	1.0	5.7	2.8	1.1	—	3.9
16	47.9	49.4	51.3	49.5	NNE	4.7	NNE	8.1	N	1.6	4.7	—	—	—	—
17	51.6	51.3	52.5	51.8	—	0.3	NW	0.6	SSW	0.6	1.4	—	—	—	—
18	53.8	54.5	54.8	54.4	NNW	3.2	NW	6.2	SSE	1.5	3.2	—	—	—	—
19	56.0	54.9	52.7	54.5	NW	1.9	NW	5.4	SSW	3.2	3.2	—	—	—	—
20	49.4	44.5	45.7	46.5	SSW	6.2	SW	13.9	WSW	13.0	9.4	—	0.1	6.9	7.0
21	46.0	46.2	48.2	46.8	SSW	4.3	WSW	6.7	NW	1.8	3.9	5.8	—	—	5.8
22	55.0	48.8	50.0	51.3	W	1.5	NW	7.1	WSW	2.8	3.6	—	—	—	—
23	49.6	48.3	48.3	48.7	WSW	2.6	SW	7.9	SSW	1.8	3.9	—	—	—	—
24	47.4	47.5	50.9	48.6	SSW	4.6	WSW	9.0	NNE	2.5	6.4	—	—	2.2	2.2
25	52.4	48.7	46.6	49.2	SSW	3.1	SSW	11.7	SSW	12.5	6.5	—	0.2	0.0	0.2
26	55.7	55.3	52.1	54.4	WSW	1.2	SSW	3.2	SSE	2.1	3.7	—	—	—	—
27	49.2	45.6	44.2	46.3	SSE	1.2	WSW	3.4	S	2.6	3.3	—	—	1.2	1.2
28	47.2	47.8	48.5	47.8	WNW	4.4	W	4.6	WSW	6.7	4.4	—	—	—	—
29	50.6	49.9	48.8	49.8	N	2.8	NW	1.6	SW	5.8	2.6	—	0.5	—	0.5
30	49.9	48.8	49.6	49.4	—	0.2	NNW	7.6	—	0.2	3.2	—	—	—	—
平均 Mean	51.7	50.7	50.7	51.0		3.2		6.2		3.9	4.5	8.6	1.9	10.3	20.8

日 Day	氣溫 AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	99.0	10.2	2.7	4.0	13.1	98.3	14.8	85	30	66	60	0 —	7 s, sc	0 —	2.3	9.86	4.8
2	98.4	15.1	7.3	6.9	15.8	91.4	24.4	95	26	76	66	0 —	0 —	0 —	0.0	11.61	9.4
3	0.7	6.1	2.9	3.2	8.6	0.0	8.6	63	20	38	40	10 n	6 c, cs	3 cs	6.3	10.63	6.9
4	96.1	1.1	98.7	98.6	3.3	95.7	7.6	86	50	92	76	10 n	5 kc, c	0 —	5.0	9.47	4.4
5	95.2	2.4	99.0	98.9	3.7	94.8	8.9	77	40	85	67	0 —	1 cs	0 —	0.3	10.65	4.2
6	97.5	1.1	97.7	98.8	2.7	96.5	6.2	77	38	75	63	10 n	10 n, kn	0 —	6.7	9.91	5.6
7	94.8	3.2	97.3	98.4	4.7	94.7	10.0	57	28	97	61	2 cs	3 c, cs	0 —	1.7	11.13	6.1
8	93.7	8.5	4.9	2.4	12.2	93.7	18.5	97	23	82	67	0 —	0 —	0 —	0.0	11.66	7.3
9	99.4	18.7	10.5	9.5	21.2	99.1	22.1	85	27	47	53	0 —	0 —	10 N	3.3	11.18	11.8
10	1.8	6.3	1.6	3.2	10.7	0.8	9.9	76	17	26	40	10 n	0 —	0 —	3.3	9.04	7.3
11	95.1	6.6	2.6	1.4	8.6	94.9	13.7	88	24	38	50	3 s, cs	0 —	0 —	1.0	11.77	6.3
12	98.5	12.9	7.8	6.4	14.0	97.6	16.4	87	36	57	60	0 c	9 cs	10 N	6.3	8.90	9.0
13	2.8	9.3	0.3	4.1	10.2	0.3	9.9	82	19	54	52	10 n	2 c, k	0 —	4.0	10.20	6.5
14	0.3	7.7	5.5	4.5	12.3	98.0	14.3	66	48	70	61	10 n	10 n	10 N	10.0	1.66	3.5
15	0.9	3.7	0.9	1.8	6.6	0.0	6.6	94	63	77	78	10 ≡	10 n	6 cs	8.7	4.76	3.5
16	98.8	3.6	0.2	0.9	4.5	98.7	5.8	90	65	57	71	10 n	10 n, kn	0 —	6.7	3.93	3.6
17	97.1	4.1	99.7	0.3	5.5	96.3	9.2	92	44	75	70	6 kc	3 kn	0 —	3.0	8.70	5.0
18	99.2	7.6	0.8	2.5	9.2	98.4	10.8	74	29	63	55	4 kc	1 c	0 —	1.7	11.92	6.3
19	98.1	12.7	5.9	5.6	14.8	97.8	17.0	68	23	47	46	0 —	0 —	0 —	0.0	12.56	7.7
20	4.6	11.2	2.7	6.2	11.8	2.7	9.1	61	47	92	67	10 n	10 n	10 ≡	10.0	0.28	4.1
21	1.7	7.6	5.9	5.1	12.1	1.5	10.6	94	85	50	76	10 n	10 n	0 —	6.7	3.81	4.4
22	1.0	12.9	5.4	6.4	14.3	0.3	14.0	63	27	61	50	0 —	10 n, kn	0 —	3.3	11.72	7.5
23	1.5	16.7	10.0	9.4	17.1	0.9	16.2	81	39	58	59	0 —	10 n	10 N	6.7	8.49	6.9
24	7.4	18.0	9.2	11.5	19.0	7.1	11.9	65	51	76	64	10 n	9 cs	0 —	6.3	6.11	6.0
25	4.4	12.3	12.6	9.8	15.7	2.3	13.4	88	77	71	79	8 n, kn	10 ≡	5 cs	7.7	4.63	5.9
26	3.8	15.5	10.6	10.0	17.2	3.8	13.4	93	42	69	68	0 —	0 —	4 c	1.3	12.00	6.6
27	6.6	18.8	10.6	12.0	19.6	6.4	13.2	81	44	75	67	10 n, sc	10 n, ck	0 —	6.7	7.37	5.3
28	6.1	13.9	7.6	9.2	14.5	5.9	8.6	92	31	76	66	10 n	10 c, cs	0 —	6.7	6.32	5.0
29	5.3	13.7	10.5	9.8	16.7	4.3	12.4	77	47	66	63	10 n	0 —	7 ck	5.7	9.61	8.8
30	4.4	15.4	7.9	9.2	16.4	4.2	12.2	63	22	56	47	0 —	2 k, kc	0 —	0.7	12.67	9.2
平均 Mean	0.5	9.9	4.6	5.0	11.9	99.5	12.3	80	39	66	61	5.4	5.3	2.5	4.4	262.55	188.9

※ 重力ノ更正 Reduction to standard gravity ……— 0.1
海面ニノ更正 Reduction to mean sea level……+ 10.8

洮南

昭和六年四月 TAONAN. APRIL, 1931.

日 Day	氣壓 AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	47.1	46.4	48.1	47.2	NW	1.1	W	4.1	S	0.6	1.6	—	0.0	—	0.0
2	46.1	38.4	40.6	41.7	SSW	2.1	SSW	19.8	NW	9.3	7.7	—	—	—	—
3	46.0	47.2	51.5	48.2	WSW	4.7	WNW	11.1	WNW	5.3	6.6	—	—	—	—
4	51.9	52.1	54.4	52.8	W	2.2	N	5.5	NNW	7.7	5.7	—	—	—	—
5	55.5	52.9	51.8	53.4	NW	2.9	NW	1.5	ESE	1.2	2.5	—	—	—	—
6	53.3	52.2	52.9	52.8	N	3.5	NNW	8.8	N	2.3	5.7	—	—	—	—
7	54.2	55.4	55.0	54.9	NW	5.3	NNW	9.0	N	0.6	6.2	—	—	—	—
8	54.9	51.4	47.4	51.2	—	0.2	N	4.1	NE	7.9	4.2	—	—	—	—
9	45.2	43.3	46.5	45.0	WNW	5.3	W	4.2	NW	7.6	7.2	—	—	—	—
10	53.2	53.4	55.4	54.0	NW	7.0	WNW	10.5	WNW	4.9	8.0	—	—	—	—
11	54.2	48.9	46.3	49.8	WSW	2.6	SSW	7.6	N	1.7	4.3	—	—	—	—
12	44.1	38.0	39.7	40.6	—	0.0	SW	8.1	NW	8.8	4.5	—	—	—	—
13	43.7	42.5	44.0	43.4	WNW	2.0	WNW	9.6	NW	3.7	6.0	—	—	—	—
14	43.3	41.8	43.4	42.8	—	0.0	E	7.0	NE	2.9	4.8	—	0.0	—	0.0
15	44.2	44.2	46.3	44.9	N	7.1	N	9.6	N	6.4	7.4	—	—	—	—
16	47.2	47.1	48.2	47.5	N	6.5	WSW	7.3	SSW	2.0	4.0	—	—	—	—
17	48.2	47.2	47.5	47.7	—	0.0	WNW	3.5	N	1.1	3.0	—	—	—	—
18	49.0	49.8	49.9	49.6	WNW	3.4	NW	4.7	SSW	2.0	3.5	—	—	—	—
19	51.5	49.9	47.5	49.6	W	2.5	W	5.0	N	1.5	2.9	—	—	—	—
20	41.3	34.6	39.5	38.5	S	6.8	SSW	11.7	ENE	1.5	6.7	—	0.0	—	0.0
21	51.2	41.2	44.0	45.5	WSW	3.2	NW	3.2	NNW	2.3	3.1	—	—	—	—
22	44.1	43.9	45.4	44.5	W	2.9	W	6.1	WNW	2.2	4.8	—	—	—	—
23	44.0	42.6	42.9	43.2	ESE	1.1	W	3.2	SE	2.2	2.5	—	—	—	—
24	42.8	44.8	47.2	44.9	NNE	5.4	NNE	3.8	SE	2.4	4.2	—	—	—	—
25	47.8	45.3	43.3	45.5	NNE	2.2	ESE	3.5	N	11.1	5.2	—	—	2.3	2.3
26	49.3	49.7	47.7	48.9	WSW	3.3	SW	2.7	SSE	5.8	3.5	—	—	—	—
27	44.1	41.7	41.5	42.4	ESE	5.4	ENE	1.8	NNW	8.2	4.3	—	2.9	0.9	3.8
28	41.1	41.6	44.7	42.5	SW	2.9	WSW	6.4	NE	3.3	4.6	4.8	—	—	4.8
29	41.3	44.6	44.7	43.5	NNE	1.2	WNW	4.7	NW	3.9	2.9	—	—	—	—
30	38.9	43.7	48.6	43.7	W	3.5	NW	6.1	N	0.9	4.4	—	—	—	—
平均 Mean	47.3	45.9	46.9	46.7		3.2		6.5		4.0	4.8	4.8	2.9	3.2	10.9

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 No. OF HOURS WITH SUNSHINE	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	98.4	7.6	98.9	1.6	9.1	96.8	12.3	85	33	81	66	4 c	10 n	0 —	4.7	5.75	3.1
2	94.4	17.1	7.5	6.3	20.0	94.3	25.7	85	65	15	55	1 c	0 —	10 sc	3.7	11.54	15.7
3	7.7	4.5	96.8	3.0	7.8	96.8	11.0	55	16	63	45	10 sk	0 —	2 c	4.0	10.10	7.2
4	91.5	2.0	97.7	97.1	3.3	90.9	12.4	76	29	31	45	0 —	1 k	0 —	0.3	0.00	8.8
5	91.7	3.7	97.7	97.7	4.9	91.5	13.4	59	34	48	47	0 —	2 s	0 —	0.7	10.90	5.7
6	94.4	1.7	95.8	97.3	3.3	94.2	9.1	57	35	70	54	1 cs	4 ck, c	0 —	1.7	11.51	6.5
7	92.9	4.5	98.3	98.6	6.5	92.9	13.6	17	89	93	66	2 cs	0 —	0 —	0.7	11.76	7.8
8	92.3	13.7	9.0	5.0	17.1	91.8	25.3	63	26	23	37	0 —	7 s	0 —	2.3	11.54	9.0
9	4.1	22.3	9.1	11.8	22.8	2.1	20.7	37	17	33	29	1 cs	0 —	6 sc	2.3	10.80	16.7
10	1.4	6.2	98.3	2.0	9.3	98.3	11.0	43	61	28	44	10 s	2 ck	0 —	4.0	8.92	8.2
11	92.5	8.1	4.0	1.8	10.6	92.2	18.4	58	16	28	34	1 s	0 —	0 —	0.3	12.21	7.7
12	94.6	12.8	8.9	5.4	14.6	94.6	20.0	61	18	22	34	1 s	10 s	10 s	7.0	8.22	9.3
13	99.1	6.7	99.5	1.8	9.2	98.8	10.4	49	15	32	32	7 sk, sc	0 —	0 —	2.3	12.39	8.0
14	97.2	0.2	99.0	98.8	2.4	96.7	5.7	50	89	54	64	10 s	10 n	9 n	9.7	0.00	2.5
15	97.6	5.7	1.1	1.5	7.8	96.9	10.9	73	28	40	47	10 n	4 k	0 —	4.7	11.32	7.7
16	95.5	4.1	98.7	99.4	5.3	95.5	9.8	70	27	52	50	7 sk	6 c	0 —	4.3	10.93	5.9
17	93.8	3.8	99.1	98.9	6.7	93.5	13.2	65	27	52	48	9 sk	9 kn	0 —	6.0	7.33	12.3
18	93.5	6.7	0.0	0.1	8.9	93.0	15.9	79	29	77	62	0 —	8 k	0 —	2.7	11.37	5.5
19	96.4	12.3	4.5	4.4	14.8	94.7	20.1	63	14	76	51	0 —	0 —	0 —	—	12.34	7.8
20	5.6	16.5	5.7	9.3	17.2	0.8	16.4	48	34	77	53	10 n	10 n	0 —	6.7	1.47	8.0
21	3.9	14.5	7.6	8.7	15.2	2.8	12.4	52	16	29	32	10 sk	7 k	0 —	5.7	9.78	10.0
22	0.0	12.5	2.7	5.1	13.4	99.8	13.6	49	18	49	39	0 —	7 k	0 —	2.3	12.39	10.3
23	0.1	18.3	11.8	10.1	19.9	0.0	19.9	59	16	31	35	5 ck	10 cs	2 cs	5.7	10.95	8.3
24	5.9	14.6	8.7	9.7	16.1	5.3	10.8	37	28	40	35	10 sk	1 c	1 cs	4.0	10.46	7.4
25	3.3	11.9	6.1	7.1	13.4	3.2	10.2	54	59	93	69	10 s	10 n	10 n	10.0	11.51	1.7
26	1.3	16.9	11.5	9.9	18.7	1.0	17.7	88	25	44	52	0 —	3 c	6 s	3.0	1.91	6.6
27	7.0	10.3	4.8	7.4	14.6	4.7	9.9	74	86	88	83	10 sk	10 n	10 n	10.0	1.01	6.7
28	2.1	12.5	6.9	7.2	13.4	1.8	11.6	92	41	78	70	10 s	3 k	10 sk	7.7	3.44	3.7
29	3.5	14.1	8.6	8.7	16.7	3.4	13.3	87	27	60	58	1 s	0 —	2 kc	1.0	11.55	6.8
30	3.1	14.2	7.2	8.2	15.9	2.4	13.5	56	24	68	49	0 —	9 k	0 —	3.0	11.78	7.3
平均 Mean	98.8	10.0	3.5	4.1	12.0	97.7	14.3	61	35	53	50	4.7	4.8	2.6	4.0	265.18	222.4

* 重力ノ更正 Reduction to standard gravity ····· — 0.0
海面ヘノ更正 Reduction to mean sea level ····· + 14.0

齊々哈爾

昭和六年四月 TSITSIKHAR. APRIL, 1931.

日 Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total.
1	44.2	43.8	46.3	44.8	NW	4.2	NW	5.5	SE	2.6	2.1	—	—	—	—
2	40.4	33.2	39.5	37.7	SSW	1.4	SW	10.1	NW	9.7	4.1	—	—	—	—
3	42.2	42.9	48.2	44.4	W	3.2	WNW	14.9	NW	5.3	4.3	—	—	—	—
4	50.0	50.9	53.8	51.6	NW	1.7	NNE	5.1	NE	2.6	2.1	—	—	—	—
5	54.1	52.1	52.5	52.9	NW	3.3	NE	2.1	—	0.0	1.5	—	0.0	0.0	0.0
6	53.3	51.6	51.9	52.3	NNE	3.5	N	14.5	N	2.7	3.1	—	—	—	—
7	52.6	53.0	53.5	53.0	N	6.0	NNE	8.8	WNW	2.3	3.1	—	—	—	—
8	52.1	47.6	44.4	48.0	W	2.5	SSW	5.3	—	0.0	0.4	—	—	—	—
9	40.9	40.8	44.0	41.9	—	0.0	NNW	16.9	NNW	11.8	4.3	—	—	—	—
10	50.4	50.4	52.6	51.1	NW	9.6	NW	12.1	WNW	3.0	7.0	—	—	—	—
11	51.6	46.8	43.2	47.2	—	0.0	SSW	6.0	NNE	1.8	1.2	—	—	—	—
12	40.7	37.0	38.7	38.8	—	0.0	SSW	5.6	NW	2.9	1.7	—	—	—	—
13	39.4	39.3	42.0	40.2	WNW	6.6	NW	8.9	WNW	7.0	3.9	—	—	—	—
14	42.2	41.4	49.1	44.2	WNW	4.8	SE	1.9	ENE	5.8	2.1	—	—	—	—
15	45.3	44.5	46.7	45.5	NE	5.5	NE	7.5	NNE	5.5	3.5	—	—	—	—
16	47.6	46.4	47.7	47.2	NNE	2.3	NE	7.9	ENE	0.9	1.3	—	—	—	—
17	47.2	44.8	45.7	45.9	N	1.6	N	4.9	N	2.1	1.5	—	—	—	—
18	47.4	47.5	48.0	47.6	NNW	3.5	NNW	3.5	S	2.1	1.5	—	—	—	—
19	48.9	47.7	45.9	47.5	NW	3.7	NNW	2.6	SSW	7.6	2.3	—	—	—	—
20	41.6	34.6	37.0	37.7	SSW	1.0	W	1.3	SSW	4.7	2.7	—	4.9	1.4	6.3
21	38.4	41.1	37.0	38.8	W	0.6	ENE	4.5	SW	1.7	2.3	—	—	—	—
22	41.6	41.1	43.0	41.9	NNW	4.0	WNW	8.2	NW	2.3	1.8	—	0.0	0.0	0.0
23	42.3	43.9	43.4	43.2	—	0.3	NW	4.2	NNE	1.3	2.0	—	—	—	—
24	43.9	43.9	46.4	44.7	NW	1.6	NNW	4.5	—	0.0	2.2	—	—	—	—
25	47.9	45.3	44.7	46.0	W	2.1	SE	3.2	ENE	2.5	2.4	—	—	0.1	0.1
26	46.6	47.9	48.2	47.6	WNW	0.7	NW	4.2	E	2.2	2.6	—	—	—	—
27	46.4	42.4	38.7	42.5	E	4.3	ESE	7.9	NNW	4.3	6.0	—	—	12.5	12.5
28	38.2	40.6	43.1	40.6	WNW	3.7	NW	8.0	NNW	8.8	5.4	—	0.0	0.0	0.0
29	44.3	43.0	43.9	43.7	NNW	1.6	N	4.5	SSW	0.9	2.0	—	—	—	—
30	41.6	41.8	43.3	42.2	NNW	1.3	NW	2.0	WSW	3.9	2.3	—	—	0.1	0.1
平均 Mean	45.4	44.2	45.4	45.0		2.8		6.6		3.6	2.8	—	4.9	14.1	19.0

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	95.6	8.0	99.2	0.9	8.7	95.2	13.5	73	88	80	80	0 —	6 k	0 —	2.0	5.08	4.8
2	96.0	15.0	99.1	3.4	17.3	94.8	22.5	63	25	38	42	10 c	10 sc	7 c	9.0	6.90	8.5
3	95.1	99.9	95.1	96.7	1.5	93.1	8.4	50	27	43	40	0 —	1 c	3 cs	1.3	0.00	4.2
4	90.2	1.2	97.1	96.2	2.3	89.4	12.9	70	55	59	61	2 cs	3 k	0 —	1.7	7.98	3.0
5	91.8	0.9	97.2	96.6	3.7	90.7	13.0	57	66	52	58	0 —	10 n	0 —	3.3	8.30	2.4
6	90.9	0.3	96.3	95.8	2.0	90.4	11.4	72	28	40	47	4 ck	2 k	0 —	2.0	9.40	5.1
7	93.8	4.4	97.3	98.5	5.6	92.1	13.5	43	81	52	59	8 cs	0 —	0 —	2.7	11.00	5.5
8	92.9	14.2	4.4	3.8	16.2	92.0	24.2	69	23	49	47	8 cs	8 c	0 —	5.3	10.40	8.0
9	99.2	18.5	6.6	8.1	18.8	98.6	20.2	65	23	33	40	3 c	1 c	10 sc	4.7	9.00	10.1
10	97.2	2.7	95.1	98.3	6.7	94.7	12.0	65	14	64	48	2 sc	8 kc	0 —	3.3	7.90	5.7
11	91.2	7.0	2.6	0.3	8.8	90.7	18.1	69	20	32	40	0 —	3 k	0 —	1.0	10.90	5.1
12	96.2	10.4	99.8	2.1	12.1	95.3	16.8	63	26	55	48	10 cs	10 sk	0 —	6.7	4.75	5.4
13	97.2	5.5	97.1	99.9	7.4	96.9	10.5	48	26	36	37	2 ck	5 k	0 —	2.3	10.74	5.7
14	94.7	5.5	0.6	0.3	6.8	91.6	15.2	57	24	13	31	9 c	4 cs	0 —	4.3	10.50	4.3
15	94.1	5.3	99.6	99.7	6.0	93.4	12.6	91	86	67	81	2 c	5 k	0 —	2.3	10.30	5.8
16	94.4	3.4	97.8	98.5	4.3	94.0	10.3	60	22	46	43	0 —	8 kc	0 —	2.7	10.50	4.6
17	90.6	4.2	96.6	97.1	5.7	89.3	16.4	85	72	54	70	1 c	7 k	0 —	2.7	5.70	4.0
18	91.8	5.0	98.8	98.5	6.5	91.0	15.5	65	29	60	51	10 kn	9 kn	0 —	6.3	2.70	4.9
19	93.7	9.9	3.5	2.4	12.8	92.6	20.2	65	31	29	42	1 s	0 —	0 —	0.3	10.60	3.7
20	98.2	1.8	99.8	99.9	4.1	96.3	7.8	60	92	91	81	10 cs	10 n	0 —	6.7	0.97	3.3
21	98.3	8.2	2.8	3.1	10.2	98.0	12.2	73	54	68	65	3 c	2 sk, ck	2 s	2.3	9.85	4.9
22	97.7	9.4	2.2	3.1	11.2	97.4	13.8	77	35	63	58	1 s	10 kn	0 —	3.7	6.71	5.6
23	98.8	13.4	8.0	6.7	15.3	98.7	16.6	69	96	62	76	2 c	6 k	9 kn	5.7	12.30	9.3
24	3.5	12.8	3.1	6.5	10.8	3.1	7.7	78	17	50	48	10 kn	0 k	0 —	3.3	10.35	5.8
25	98.7	13.5	6.3	6.2	13.8	97.7	16.1	58	39	87	61	4 kc	10 sc	10 sc	8.0	2.33	4.9
26	1.2	15.6	8.6	8.5	16.7	0.1	16.6	88	79	54	74	0 —	2 k	4 kc	2.0	8.82	6.2
27	4.5	12.0	5.4	7.3	13.5	4.0	9.5	81	60	93	78	10 kn	10 kn	10 kn	10.0	0.00	2.6
28	2.8	4.2	3.6	3.5	5.8	2.4	3.4	89	79	82	83	10 kn	10 n	10 kn	10.0	0.00	4.3
29	2.3	11.4	6.9	6.9	12.6	1.8	10.8	83	89	68	80	7 ck	7 k	5 kc	6.3	10.70	5.4
30	3.2	14.3	6.5	8.0	15.6	2.3	12.7	78	34	74	62	10 sk, ck	7 kc	0 —	5.7	10.25	7.0
平均 Mean	96.5	7.9	1.2	1.9	9.4	95.6	13.8	69	48	56	58	4.6	5.8	2.3	4.3	224.93	161.1

※ 重力ノ更正 Reduction to standard gravity……+ 0.1
海面ヘノ更正 Reduction to mean sea level……+ 19.1

昭和六年五月二十五日印刷
昭和六年五月二十八日發行

關東廳觀測所
大連市八幡町三十五番地

大連市大山通六十三番地
印刷人 太田信三

大連市大山通六十三番地
印刷所 小林又七支店

昭和六年五月

滿洲氣象表

REPORT

OF THE

METEOROLOGICAL OBSERVATIONS

MADE AT THE

METEOROLOGICAL STATIONS

IN

MANCHURIA.

MAY, 1931.

PUBLISHED BY THE METEOROLOGICAL OBSERVATORY. DAIREN.

凡　例

本編ハ昭和六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クレバ

觀測時ハ日本西部標準時卽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

氣壓ハ粍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卽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

平均雲量二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, 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 uмoцs 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	V	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	黄道光	⊥	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	黄砂	≏	Yellow dust
朝焼 夕焼	⚥	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) 現象ノ强サ　*The intensity of the phenomena*

現象ノ强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　强雨 ●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
强震(弱キ方)	⦶⁽⁴⁾	strong	强震	⦶⁽⁵⁾	very strong	烈震	⦶⁽⁶⁾	disastrous

大　連

昭和六年五月　　DAIREN.　　MAY, 1931.

日 Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean
1	52.7	53.1	53.4	51.8	50.6	50.9	52.1
2	50.9	51.1	52.9	52.3	52.4	54.1	52.3
3	55.0	56.5	58.1	57.1	56.8	57.5	56.8
4	57.3	57.1	56.8	55.6	54.0	54.0	55.8
5	53.3	51.1	51.8	49.7	49.5	49.9	50.9
6	48.7	48.1	48.2	48.0	49.3	52.0	49.1
7	53.0	54.2	55.7	54.6	53.8	55.5	54.5
8	55.3	55.0	55.8	54.7	53.5	54.1	54.7
9	53.3	53.4	53.7	52.9	52.7	53.3	53.2
10	54.7	56.5	57.0	55.8	55.9	56.2	56.0
11	55.8	55.2	55.1	54.0	52.2	52.0	54.1
12	52.0	52.5	52.9	51.9	50.7	51.1	51.9
13	51.0	51.0	52.1	51.3	50.9	51.1	51.1
14	49.9	47.8	44.8	42.7	41.7	43.0	45.0
15	42.5	42.5	42.7	42.9	41.7	43.2	42.6
16	43.4	44.0	45.1	45.6	46.2	48.9	45.5
17	48.8	49.8	52.0	52.1	52.1	53.9	51.5
18	54.0	54.6	54.6	52.9	51.8	52.4	53.4
19	52.3	51.9	52.3	51.2	50.4	50.5	51.4
20	49.8	49.0	49.7	48.5	47.6	48.8	48.9
21	49.3	50.3	50.4	52.1	49.1	49.6	50.1
22	49.9	50.5	50.9	50.2	49.7	50.8	50.2
23	50.8	50.6	51.4	50.5	49.6	49.8	50.5
24	49.2	49.2	49.5	48.9	48.1	49.2	49.0
25	49.2	51.1	51.4	50.3	49.5	50.0	50.3
26	48.5	47.8	47.2	46.3	45.5	44.6	46.7
27	43.6	42.4	43.2	43.1	44.2	46.3	43.8
28	47.2	48.1	48.8	48.5	47.8	49.1	48.3
29	48.9	49.8	50.2	50.2	49.3	50.5	49.8
30	50.4	50.3	50.7	49.6	49.4	49.6	50.0
31	49.7	49.3	50.3	49.5	49.3	50.0	49.7
平均 Mean	50.7	50.8	51.2	50.5	49.8	50.7	50.6

日 Day	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h
1	S	3.5	SW	3.9	SSW	8.5	SSW	9.6	S	3.1	S	13.1	5.0
2	S	14.5	S	10.1	S	2.7	S	5.8	SSW	13.2	SSW	15.5	10.1
3	SSW	9.8	S	3.3	S	4.7	SSE	7.8	S	8.4	S	7.1	7.1
4	S	8.0	S	5.1	SSE	7.5	S	9.3	S	10.6	S	10.4	8.1
5	S	12.3	S	12.5	S	12.4	S	13.4	S	10.6	S	10.3	12.6
6	S	2.8	NNW	5.8	NNW	6.8	NNW	13.8	NNW	6.1	NW	2.7	7.2
7	NW	0.9	NW	0.5	S	4.0	S	8.0	SSW	7.0	SSW	8.8	4.2
8	SSW	7.0	S	5.3	S	5.5	SSW	6.2	S	4.0	S	4.3	6.3
9	SSW	8.2	SSE	4.0	S	1.3	SSW	3.5	NNW	3.0	S	3.2	4.1
10	NW	3.2	NNW	4.7	NNE	5.4	NNW	5.6	NW	3.7	—	0.1	3.5
11	NW	2.2	NW	0.5	S	5.5	S	7.9	S	5.4	S	13.1	5.1
12	SSW	10.3	SSW	7.7	S	6.0	S	5.9	S	6.4	S	13.9	7.3
13	S	12.5	S	10.2	S	6.3	S	7.1	SSE	6.1	S	8.1	9.3
14	S	10.2	S	8.2	SSE	12.1	SSE	11.1	S	10.0	SSE	1.2	9.4
15	NE	2.8	NW	8.8	NNW	11.7	N	11.5	NNW	17.3	N	12.5	8.9
16	N	12.0	NNW	10.3	NW	12.1	NW	9.0	NNW	6.7	NW	4.0	8.9
17	NW	2.8	NW	2.7	NW	4.4	NW	6.1	NW	3.5	WNW	4.3	3.9
18	WNW	3.0	NW	2.0	NW	7.9	SSW	6.5	SSW	9.4	S	10.7	6.3
19	SSW	12.0	SSW	7.9	SSW	5.4	SW	7.9	S	5.0	S	5.7	7.6
20	S	1.5	S	5.4	S	6.7	S	8.8	S	6.8	S	8.8	6.8
21	S	10.2	S	3.7	S	2.3	NW	1.6	—	0.4	NNW	2.2	3.8
22	NW	4.1	NW	2.2	S	3.3	WNW	6.9	S	1.5	—	0.2	2.9
23	WSW	1.6	SSW	1.3	ENE	3.7	S	3.3	S	2.9	SSE	2.9	2.2
24	S	1.9	S	1.9	SSE	2.9	S	4.5	S	4.4	SSE	3.3	2.8
25	SSE	12.3	SSE	4.3	NE	3.4	SSE	3.8	SSE	4.4	SSE	3.9	4.0
26	S	6.2	S	3.1	W	2.7	SSW	6.1	SW	5.1	SSW	11.8	5.2
27	S	3.5	S	6.2	NW	8.8	NW	6.9	NW	6.2	NW	2.2	6.7
28	NW	2.7	NW	3.4	NW	7.8	NW	5.4	NW	2.0	SW	1.2	4.1
29	N	1.8	SSE	3.6	SSW	9.6	WNW	1.6	NW	3.6	S	1.8	3.8
30	—	0.0	ENE	2.7	NW	1.9	S	4.9	S	4.5	—	0.0	2.3
31	S	6.1	NW	1.2	SSE	2.7	NW	3.4	WSW	3.3	WNW	2.0	3.1
平均 Mean		6.1		4.9		6.0		6.9		6.0		6.1	5.9

日 Day	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
1	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—
5	1.2	10.5	0.6	0.0	0.4	0.8	13.5
6	1.5	13.5	3.0	—	—	—	18.0
7	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—
14	—	5.6	—	0.0	7.6	—	13.2
15	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—
21	—	—	—	—	—	0.4	0.4
22	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—
25	2.7	0.0	1.7	—	—	—	4.4
26	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—
平均 Mean	5.4	29.6	5.3	0.0	8.0	1.2	49.5

日 Day	氣溫 (攝氏) AIR TEMPERATURE (°C) 2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range
1	12.5	15.4	20.1	21.5	13.5	12.7	16.0	22.0	10.7	11.3
2	11.6	11.9	15.1	15.7	13.1	12.0	13.2	17.2	10.9	6.3
3	10.9	10.5	13.5	13.7	10.5	11.1	11.7	15.0	8.9	6.1
4	12.1	12.2	12.5	11.9	11.0	10.7	11.7	14.4	9.5	4.9
5	11.8	12.0	12.1	12.0	11.1	10.9	11.7	13.5	10.6	2.9
6	11.0	10.6	11.5	11.9	10.5	8.0	10.6	12.6	8.0	4.6
7	7.8	9.6	16.9	17.3	14.3	12.1	13.0	17.8	7.6	10.2
8	12.6	12.6	14.1	15.8	14.0	12.9	13.7	17.5	11.5	6.0
9	12.7	12.0	19.0	19.6	14.2	11.8	14.9	21.0	11.2	9.8
10	11.6	11.2	15.7	17.3	13.7	11.7	13.6	17.8	9.9	7.9
11	10.0	11.3	16.1	14.8	14.0	12.1	13.1	16.9	8.9	8.0
12	12.8	12.7	19.2	19.5	16.6	13.6	15.7	20.4	11.1	9.3
13	13.1	12.9	15.8	18.3	14.4	14.0	14.8	19.3	11.1	8.2
14	12.8	11.4	12.8	11.1	10.8	11.3	11.7	14.0	10.1	3.9
15	11.3	10.9	10.9	11.0	13.3	12.0	11.6	13.5	9.6	3.9
16	10.2	10.3	12.9	13.5	12.9	11.1	11.8	15.1	9.5	5.6
17	10.4	10.3	14.1	15.8	15.3	11.9	13.0	16.6	9.0	7.6
18	13.0	12.0	18.7	20.4	16.0	14.1	15.7	21.8	11.0	10.8
19	15.2	16.6	21.1	22.9	17.5	15.0	18.1	23.9	13.6	10.3
20	13.2	12.2	16.5	17.9	14.0	12.6	14.4	19.7	11.8	7.9
21	11.2	11.9	15.7	17.8	14.1	12.9	13.9	18.7	10.7	8.0
22	12.1	13.0	21.1	23.5	17.5	14.7	17.0	24.3	11.0	13.3
23	16.0	17.0	21.7	21.6	20.8	15.6	18.8	25.0	13.6	11.4
24	15.6	16.1	21.8	23.0	20.0	16.3	18.8	25.0	14.6	10.4
25	15.1	13.3	17.6	19.4	15.1	14.7	15.9	23.0	11.7	11.3
26	13.9	14.3	20.3	19.5	18.9	15.7	17.1	22.0	13.1	8.9
27	15.3	14.8	21.5	22.3	20.9	15.5	18.4	23.5	14.1	9.4
28	14.0	14.9	20.0	22.1	21.3	16.0	18.1	22.8	13.1	9.7
29	17.3	17.4	22.1	25.4	21.7	16.9	20.1	26.4	15.6	10.8
30	15.2	15.9	23.1	22.7	20.1	16.6	18.9	24.9	14.6	10.3
31	16.8	16.8	24.0	26.0	24.4	18.1	21.0	26.8	15.3	11.5
平均 Mean	12.9	13.0	17.3	18.2	15.7	13.4	15.1	19.8	11.4	8.4

日 Day	濕度 (百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean
1	35	29	28	36	66	53	41
2	58	66	51	51	44	39	52
3	44	57	55	61	77	81	63
4	76	77	71	80	77	93	79
5	96	100	89	95	100	100	97
6	100	100	88	78	77	88	89
7	92	80	55	57	55	69	68
8	66	69	59	47	58	58	60
9	58	64	49	47	65	77	60
10	78	62	24	26	31	40	44
11	50	39	26	28	35	54	40
12	58	69	53	52	51	62	58
13	58	72	57	50	64	56	60
14	71	74	64	93	100	99	84
15	98	96	85	78	53	50	77
16	65	61	44	47	51	57	54
17	57	78	53	40	37	52	53
18	46	62	37	33	34	49	44
19	45	44	40	32	47	54	44
20	72	84	62	63	76	80	73
21	93	92	74	63	79	95	83
22	82	78	47	38	63	75	64
23	71	74	51	58	53	69	63
24	75	72	46	42	29	52	53
25	74	83	61	60	63	68	68
26	89	77	53	53	51	62	64
27	73	72	33	28	34	60	50
28	70	62	40	34	33	51	48
29	44	42	36	32	38	56	41
30	68	65	44	42	40	54	52
31	58	66	44	34	38	55	49
平均 Mean	68	70	52	51	55	65	60

日 Day	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 6h	10h	14h	18h	22h	平均 Mean	日照時數 No. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION
1	0 —	0 —	1 c	5 c, cs	0 —	1.2	11.70	8.8
2	10 cs	10 sc	8 ck sc	10 sc	10 sk, sc	9.6	5.60	8.1
3	2 c	10 cs, k, sk	1 c	2 c	10 kc, sk	5.0	11.24	6.0
4	10 sk	10 sc	10 s, cs	10 sk, kc	10 sk	10.0	7.10	5.8
5	10 n	10 sk, n, sc	10 n	10 n	10 n	10.0	0.00	3.4
6	10 n	10 sk	10 sc, s	10 sk	10 ck	10.0	0.90	3.3
7	0 —	1 c	0 c	0 c	0 —	0.2	12.15	6.4
8	10 sc	10 sc	10 sk	0 —	5 cs	7.0	6.35	5.7
9	0 —	0 —	0 —	8 c	0 —	1.6	11.80	6.1
10	2 ck	4 cs, c	8 cs	10 cs	7 cs	6.2	11.30	8.0
11	0 —	0 —	0 cs	0 c	6 cs	1.2	12.70	8.9
12	5 c	0 c	1 c	0 c	0 —	1.2	12.80	7.9
13	10 kc, sk	7 cs	10 ck	3 cs	10 ck	8.0	4.80	7.7
14	10 sk	10 sc, sk	10 n	10 ≡	10 ≡	10.0	0.00	3.2
15	10 n	10 s, sk	10 sk	2 c, sk	0 —	6.4	2.40	7.3
16	2 c	0 kc	9 k, c	4 k	0 —	3.0	9.05	7.0
17	0 —	10 c	6 c, k	1 c	0 —	3.4	12.30	7.2
18	0 —	2 c	2 c	0 —	0 —	0.8	12.60	10.7
19	0 —	6 c	10 ck, c, cs	10 cs, sc, c	10 s	7.2	11.70	8.5
20	10 sc, sk	10 ck	0 —	8 c	5 ck	6.6	8.80	6.0
21	10 c, s	9 cs, k, s	10 k, s	10 sc, sk	10 s	9.8	7.80	4.6
22	0 —	0 —	6 cs	10 cs	6 cs, ck	4.4	12.60	6.8
23	10 sc	3 c, ck, k	10 kc, c	10 kc, sk	9 sk, kc	8.4	8.25	7.0
24	10 sk, k	0 k	3 kc	5 sk, k	10 sk	5.6	11.90	10.6
25	10 n	2 k, sc	5 c, kc	10 cs, sc	4 kc	6.2	10.20	6.6
26	10 sk	10 cs, c	10 sk, k, sc	1 cs	10 sc, s	8.2	5.15	7.0
27	0 —	0 —	2 c, sc	3 c	2 ck	1.4	12.30	11.4
28	1 cs	0 c	0 —	0 —	10 c	2.2	13.00	10.1
29	9 kc, c	2 ck	0 —	4 c	0 —	3.0	12.00	8.7
30	0 —	0 —	7 kc	10 kc	1 cs	3.6	10.25	8.6
31	10 sk	0 —	0 k	0 k	0 —	2.0	10.70	8.6
平均 Mean	5.5	4.7	5.5	5.4	5.3	5.3	279.44	226.0

* 重力ノ更正　Reduction to standard gravity……— 0.4
海面ヘノ更正　Reduction to mean sea level……+ 8.7

大　連

昭和六年五月　　DAIREN.　　MAY, 1931.

日 Day	水蒸氣ノ張力(粍) TENSION OF VAPOUR.(mm) 2h	6h	10h	14h	18h	22h	平均 Mean	地面溫度(攝氏) EARTH TEMP. ON THE SURFACE.(°C) 6h	14h	22h	平均 Mean	地中溫度(攝氏) EARTH TEMPERATURE. (°C) 0.1m	0.2m	0.3m	0.5m	1.0m	2.0m	3.0m	4.0m	5.0m	最低地溫(攝氏) MIN. TEMP. ON GRASS. (°C)	最高日溫(攝氏) MAX. TEMP. (BLACK BULB.) (°C)
1	3.8	3.8	5.0	6.8	7.6	5.8	5.5	11.4	32.0	14.3	19.2	16.0	13.7	14.0	14.0	11.6	8.5	7.8	8.5	8.4	9.3	31.4
2	5.9	7.9	6.5	6.9	4.9	4.1	6.0	12.5	25.3	13.5	17.1	15.2	14.3	14.6	14.5	12.0	8.6	7.8	8.4	8.3	9.8	26.4
3	4.3	5.5	6.4	7.2	7.3	8.0	6.5	10.5	29.5	13.2	17.7	15.0	13.6	14.0	14.2	12.3	8.9	8.0	8.5	8.4	7.6	26.2
4	8.0	8.1	7.7	8.3	7.6	8.9	8.1	13.4	19.8	13.3	15.5	15.3	14.0	14.1	14.2	12.5	8.9	8.0	8.5	8.4	9.6	25.3
5	9.9	10.4	9.4	9.9	9.8	9.7	9.9	13.1	13.2	11.8	12.7	14.0	13.5	14.0	14.0	12.5	9.4	8.2	8.5	8.4	9.4	15.4
6	9.8	9.5	8.9	8.1	7.3	7.0	8.4	11.0	14.7	8.8	11.5	12.0	11.6	12.3	13.0	12.4	9.4	8.3	8.5	8.4	7.1	19.4
7	7.3	7.2	7.8	8.4	6.7	7.2	7.4	7.0	23.3	11.1	13.8	12.5	10.4	11.0	12.0	12.0	9.4	8.5	8.6	8.5	5.2	25.9
8	7.2	7.5	7.1	6.4	6.9	6.5	6.9	10.8	18.2	10.2	13.1	13.5	12.0	12.3	12.7	11.9	9.4	8.5	8.7	8.7	10.2	24.0
9	6.3	6.7	8.0	8.0	7.9	7.9	7.5	9.7	26.2	12.1	16.0	13.9	11.5	11.9	11.4	11.5	8.9	8.7	8.9	8.6	9.6	31.6
10	7.9	6.1	3.2	3.8	2.7	4.0	4.6	9.8	23.6	10.0	14.5	13.6	12.6	13.0	13.3	12.0	9.6	8.7	8.8	8.6	7.9	26.6
11	4.6	3.9	3.6	5.0	4.2	5.7	4.5	7.0	25.3	12.1	14.8	13.4	11.5	12.2	13.1	12.4	9.8	8.8	9.0	8.7	8.9	16.9
12	6.4	7.6	8.8	8.8	7.2	7.3	7.7	11.5	29.4	14.8	18.6	16.0	13.1	13.2	13.5	12.4	9.9	9.0	9.1	8.9	9.9	30.8
13	6.5	7.9	7.7	8.0	7.9	6.7	7.5	13.1	22.5	14.0	16.5	15.3	14.3	14.5	14.5	12.7	9.9	9.0	9.0	8.7	10.0	27.9
14	7.8	7.4	7.0	9.2	9.6	9.8	8.5	11.3	12.5	12.0	11.9	15.4	14.3	14.2	14.5	13.0	9.9	9.0	9.2	9.0	9.2	16.0
15	9.8	9.3	8.3	7.7	6.1	5.3	7.8	11.8	11.3	9.0	10.7	12.0	12.0	12.6	13.2	12.9	10.1	9.1	9.2	8.9	10.0	14.8
16	6.0	5.7	5.0	5.4	5.7	5.7	5.6	8.0	18.3	10.0	12.1	11.1	10.4	11.1	12.0	12.5	10.2	9.2	9.2	8.9	8.0	21.2
17	5.4	7.3	6.3	5.4	7.8	5.4	6.3	8.9	23.0	10.7	14.2	12.5	11.1	11.5	12.3	12.3	10.3	9.3	9.4	9.0	7.5	24.6
18	5.1	6.5	5.9	6.0	4.6	5.8	5.7	9.5	29.3	14.2	17.7	14.0	12.1	12.5	12.8	12.2	10.4	9.3	9.3	8.9	8.0	34.9
19	6.0	6.2	7.5	6.8	7.1	6.8	6.7	13.2	29.4	16.4	19.7	17.0	14.4	14.4	13.3	12.8	10.5	9.5	9.5	9.1	12.4	33.9
20	8.1	8.9	8.7	9.7	9.0	8.6	8.8	14.4	30.2	15.7	20.1	17.0	15.7	15.8	15.5	13.2	10.4	9.5	9.5	9.0	11.0	30.2
21	9.2	9.5	9.9	9.5	9.5	10.5	9.7	14.2	27.8	15.7	19.2	17.6	15.8	16.0	16.0	14.2	10.5	9.7	9.6	9.2	9.9	30.4
22	8.6	8.8	8.8	8.2	9.3	9.4	8.9	12.1	35.3	16.7	21.4	17.4	15.6	16.0	16.0	14.0	10.5	9.5	9.6	9.1	9.4	37.5
23	9.6	10.6	9.9	11.1	9.6	9.0	10.0	16.5	29.4	18.4	21.4	18.8	17.4	17.3	17.1	14.5	11.4	9.7	9.7	9.3	12.5	39.0
24	9.9	9.8	8.9	8.7	5.1	7.3	8.3	16.9	40.0	19.5	25.5	20.3	18.1	18.3	17.6	14.8	10.9	9.8	9.7	9.3	12.2	37.0
25	9.4	9.5	9.1	10.1	8.1	8.5	9.1	16.0	31.2	16.4	21.2	19.2	18.0	18.6	18.4	16.1	11.1	9.9	9.9	9.4	10.0	34.6
26	10.5	9.4	9.5	8.9	8.4	8.4	9.2	15.0	23.9	16.4	18.4	18.2	17.3	18.1	18.1	15.2	11.4	10.0	9.5	9.4	12.0	33.3
27	9.4	9.0	6.2	5.6	6.3	7.8	7.4	15.2	33.2	17.2	21.9	18.9	17.4	17.7	17.6	15.8	11.5	10.1	10.0	9.4	12.9	32.0
28	8.3	7.8	7.0	6.6	6.3	7.0	7.2	14.7	34.8	16.0	21.8	18.7	18.7	18.6	18.1	16.2	11.7	10.2	10.2	9.5	12.2	30.8
29	6.5	6.2	7.2	7.7	7.4	8.0	7.2	17.0	42.3	17.9	25.7	20.3	18.5	18.5	18.4	16.3	11.9	10.3	10.0	9.4	12.5	40.6
30	8.7	8.7	9.3	8.3	7.0	7.7	8.3	15.3	35.1	17.6	22.7	20.2	18.7	19.3	19.0	16.5	12.0	10.5	10.5	9.6	11.0	39.8
31	8.2	9.3	9.8	8.4	8.7	8.4	8.8	17.5	45.5	18.7	27.2	21.8	19.0	20.0	19.4	16.5	12.1	10.5	10.3	9.6	14.5	41.0
平均 Mean	7.6	7.8	7.6	7.7	7.2	7.4	7.5	12.5	27.0	14.1	17.9	16.0	14.5	14.9	15.0	13.5	10.2	9.2	9.3	8.9	10.0	29.0

記　事 REMARKS.

日 Day	記事 REMARKS.
1	∞1a.
2	
3	⊕°a.
4	
5	⌒1a. ●°1h05-●11h25-●°4h30-7h53.●°12h04-, ≡°18h40-
6	-●°-●10h45-●°5h28-8h35. -≡°-≡12h00-≡°5h40-7h10.
7	
8	⊕°a.
9	≈°7h00-23h00.
10	
11	
12	
13	
14	●°2h16-●12h21-●°3h54-5h20.●°11h23-●11h45-●°12h15-●1 15h20-●°16h40-17h50.
15	14th{ ≡°15h20-≡1 15h40-≡2 17h30-≡1 18h02-≡- 18h15-23h30.
16	
17	≈°4h00-13h00.
18	
19	
20	
21	⊕1a.⊕°∞1∞°p. ●°18h13-●20h55-●°21h06-21h23.
22	⊕°p.
23	
24	⸜°(ENE)19h30…
25	∞°a. …⸜…⸜°0h35…⸜1(N)1h15…⸜1(NE)1h40…⸜°1h45…⊤°2h20…3h15. ⊤°(NW)4h50…6h30.●°1h00-●1▲°1h12-●11h25- 2h.
26	⊕1a. 25th{-●1-●°1h50-1h55.●°5h55-●16h10-●°6h23-6h30.
27	
28	
29	♈°p.
30	∞1a.
31	♈1p.

營口
YINGKOW.

昭和六年五月 MAY, 1931.

日 Day	氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h.		降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
1	59.9	60.3	60.7	58.5	57.4	57.6	59.1	SW	1.2	SSE	2.3	SSW	5.3	SSW	5.3	SSW	5.3	S	3.0	3.7	—	—	—	—	—	—	—	—
2	57.4	58.1	60.0	59.2	60.1	62.5	59.6	SSE	3.8	S	4.9	S	7.0	SW	5.6	S	2.9	SE	2.9	4.6	—	—	—	—	—	—	—	—
3	63.5	63.6	65.0	64.1	63.9	64.4	64.1	SSE	2.5	SSE	1.8	S	4.7	S	5.5	SSE	7.5	SSE	5.3	4.9	0.0	—	—	—	—	—	—	0.0
4	64.2	63.3	63.6	63.0	62.1	61.8	63.0	SSE	4.9	SSE	4.1	SSE	9.0	SSE	9.9	SSE	7.1	SSE	4.4	7.2	—	—	—	—	—	—	0.0	0.0
5	58.5	58.7	59.2	58.7	58.0	58.7	58.8	SSE	5.8	SSE	6.5	SSE	8.8	SSE	3.0	SSE	2.3	SSE	1.8	5.2	0.2	7.3	16.6	3.2	3.5	3.0	33.8	
6	58.5	58.5	58.3	57.7	57.2	59.8	58.3	—	0.4	N	6.7	NNE	5.8	NNE	5.3	NE	0.8	N	0.7	3.0	2.5	8.2	5.2	—	—	—	15.9	
7	60.3	61.6	62.7	61.1	60.0	61.4	61.2	—	0.3	SE	0.5	SSW	3.2	SSW	5.3	SSW	4.3	S	5.1	2.4	—	—	—	—	—	—	—	—
8	61.4	60.8	61.7	61.0	59.9	60.8	60.9	S	5.3	S	8.2	SSW	8.8	SSW	7.1	SSW	5.8	SSE	3.7	6.4	—	—	—	—	—	—	—	—
9	60.3	61.2	61.0	61.1	60.4	62.2	61.6	S	5.3	W	4.1	S	3.9	N	2.9	NE	1.9	NE	0.6	2.7	—	—	—	—	—	—	—	—
10	63.0	64.9	65.5	64.0	63.3	63.6	64.1	N	1.8	NNE	1.1	N	3.5	N	2.9	SW	1.4	SW	2.6	2.2	—	—	—	—	—	—	—	—
11	63.1	61.8	61.6	59.6	59.0	58.5	60.6	S	2.3	SSE	2.4	SSW	7.3	SSW	8.6	SSW	5.6	S	4.9	5.4	—	—	—	—	—	—	—	—
12	58.6	58.4	59.5	58.9	57.2	57.8	58.4	S	4.1	SSW	5.3	SSW	5.3	SSW	5.9	SW	5.5	SSE	4.1	5.0	—	—	—	—	—	—	—	—
13	57.6	57.6	58.9	58.5	58.3	59.0	58.3	SSE	4.7	S	5.8	SSW	7.4	SW	5.9	S	1.8	SE	1.8	5.1	—	—	—	0.0	—	—	0.0	
14	58.0	56.7	52.9	51.7	51.0	52.1	53.7	SSE	1.9	SSE	3.7	E	1.9	SSE	2.3	E	2.0	NE	2.9	2.6	—	2.1	3.1	0.2	6.4	0.1	11.9	
15	52.3	52.6	52.8	52.2	51.8	52.0	52.3	NNE	8.2	NNE	9.8	NNE	9.9	NNE	10.6	NNE	7.6	N	5.8	9.1	0.2	—	—	—	—	—	0.2	
16	52.2	52.1	53.3	52.9	53.2	55.4	53.2	N	4.1	N	5.8	N	4.7	N	5.8	NNW	4.1	NW	3.5	5.2	—	—	—	—	—	—	—	—
17	56.8	57.6	59.2	58.8	58.7	60.8	58.7	NW	3.2	NW	2.5	N	4.4	N	4.9	W	3.5	W	2.9	3.7	—	—	—	—	—	—	—	—
18	61.1	61.2	61.2	59.1	57.5	57.9	59.7	S	2.3	SSW	4.4	SSW	5.3	SSW	5.5	SSW	7.0	SSW	6.1	4.6	—	—	—	—	—	—	—	—
19	57.7	57.5	58.3	56.8	56.3	56.6	57.2	SSW	5.1	SSW	6.8	SSW	5.4	SSW	7.9	SSW	7.0	SSW	6.7	6.7	—	—	—	—	—	—	—	—
20	56.0	55.3	56.0	54.6	53.7	55.6	55.2	S	4.2	S	5.4	SSW	6.9	SW	7.0	SSW	5.8	S	4.3	6.1	—	—	—	—	—	—	—	—
21	56.3	59.0	58.2	57.4	56.4	57.4	57.5	S	2.6	SSW	1.9	N	1.5	WNW	2.9	N	1.0	N	0.6	2.4	—	—	—	—	—	—	—	—
22	57.2	56.8	56.9	56.7	57.1	58.0	57.1	S	1.2	S	2.6	SSW	7.0	SSW	5.6	SSW	2.9	SSW	2.2	3.1	—	—	—	—	—	—	—	—
23	59.0	59.6	60.0	58.7	57.6	57.7	58.8	NW	1.2	N	0.7	NNE	4.1	N	3.7	NE	2.9	NE	2.0	2.5	—	—	—	—	—	—	—	—
24	57.9	57.1	56.8	56.0	56.5	57.5	57.0	NE	3.1	NE	0.8	SSW	0.9	WNW	2.9	NE	1.5	N	0.9	1.8	—	—	—	—	0.1	—	0.1	
25	58.4	59.2	59.5	58.2	56.4	57.3	58.2	NNE	4.1	N	0.9	NW	1.8	W	1.8	W	1.6	S	1.1	2.2	—	1.1	—	—	—	—	1.1	
26	56.8	55.6	55.4	52.5	51.4	50.8	53.8	S	0.7	NW	1.3	NW	1.8	SW	4.3	SSW	5.8	SSW	7.6	3.3	—	—	—	0.0	—	—	0.0	
27	49.5	48.2	49.2	50.0	51.6	52.8	50.2	SSW	6.1	SSW	3.3	NW	7.8	NW	8.2	NW	9.4	NW	3.5	6.1	0.3	—	—	—	—	—	0.3	
28	53.3	54.0	55.6	54.9	54.6	55.8	54.7	NW	5.3	NW	3.3	NNW	2.9	NNW	3.9	SW	5.4	WSW	5.3	4.1	—	—	—	—	—	—	—	—
29	55.9	56.7	57.5	56.9	56.5	57.5	56.8	S	3.0	SSW	1.9	N	2.9	W	3.8	WSW	3.5	SSW	1.9	2.7	—	—	—	—	—	—	—	—
30	57.5	57.2	57.4	55.9	55.9	57.0	56.8	SSW	1.8	S	3.4	SSW	3.5	SW	5.4	WSW	4.7	SE	0.9	3.3	—	—	—	—	—	—	—	—
31	56.9	56.5	57.4	56.3	56.0	57.3	56.7	SE	1.6	SSW	0.6	SW	4.4	SW	2.9	WSW	1.3	S	1.5	2.4	—	—	—	—	1.5	—	1.5	
平均 Mean	58.0	58.1	58.6	57.6	57.1	58.0	57.9		3.3		3.6		5.1		5.2		4.2		3.2	4.2	3.2	18.7	24.9	3.4	11.5	3.1	64.8	

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 6h	10h	14h	18h	22h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	7.4	7.7	17.6	20.5	16.3	14.0	13.9	20.9	4.6	16.3	88	68	32	31	57	65	57	0 —	0 c	10 c	10 cs	0 —	4.0	12.28	7.8
2	14.1	13.5	17.3	18.2	15.7	14.5	15.6	19.4	11.7	7.7	54	58	50	39	42	47	48	10 sc	10 sc, sk	10 cs, sk	10 sk	10 n, sk	10.0	3.02	4.8
3	13.3	12.5	18.9	22.2	18.0	13.9	16.5	22.4	11.3	11.1	45	41	34	21	34	62	40	10 sc	10 sc	1 c	10 c	0 —	6.2	8.25	10.2
4	13.6	15.2	21.5	21.0	17.8	16.8	17.7	22.8	13.0	9.8	63	55	32	33	39	61	47	10 kc	10 kc	10 sc	10 sk	10 n	10.0	6.30	7.3
5	17.2	15.3	16.3	16.4	14.9	13.0	15.5	17.8	12.3	5.5	70	100	85	86	100	94	89	10 n	10 n	10 n	10 n	10 n	10.0	0.00	5.3
6	12.1	8.6	9.0	11.6	10.3	9.3	10.2	13.0	7.2	5.8	100	100	85	74	82	87	88	10 n	10 n	10 sk, n	10 n	0 —	8.0	0.00	2.2
7	7.1	5.6	14.0	18.9	16.1	13.5	12.5	19.9	4.5	15.4	93	97	73	44	56	62	71	0 —	0 —	0 c	0 —	0 —	0.0	13.13	6.6
8	14.0	14.1	17.5	18.4	16.3	13.7	15.7	19.2	12.7	6.5	60	66	51	59	49	61	58	10 sc	10 sc	10 sc	10 cs	10 cs	10.0	10.93	5.2
9	13.5	11.9	15.3	16.1	14.4	9.5	13.5	17.6	8.9	8.7	62	74	63	55	60	81	66	10 sc	10 cs	10 sk	0 —	0 —	6.0	7.33	3.8
10	8.3	6.3	15.6	18.0	15.1	10.8	12.4	19.1	5.2	13.9	88	53	29	27	49	64	52	0 —	4 c	3 c	10 c	0 —	3.4	12.67	6.3
11	9.2	7.8	16.9	16.7	14.2	15.0	13.3	17.8	6.6	11.2	80	62	28	29	49	47	49	0 —	0 —	10 c	10 sc, sk	0 —	4.0	12.60	8.5
12	15.4	14.5	15.5	18.0	18.2	15.8	16.2	20.0	13.1	6.9	50	68	71	56	52	59	59	10 cs	10 cs	10 c	4 c	0 —	6.8	13.47	5.9
13	14.4	15.7	18.4	19.0	17.2	14.2	16.5	20.1	13.4	6.7	56	60	55	58	62	75	61	10 kc	10 kc	10 kc	10 sc	5 cs	9.0	2.47	4.4
14	13.3	12.0	13.9	14.7	12.2	11.3	12.9	15.4	10.7	4.7	70	81	73	68	96	96	81	10 n	10 n	10 n	10 n	10 n	10.0	0.00	4.4
15	10.2	10.3	10.5	13.7	15.4	10.5	11.8	15.4	9.4	6.0	98	86	82	63	45	64	73	10 n	10 n	10 sk, k	10 c	0 —	8.0	4.85	3.8
16	8.5	8.1	14.3	18.2	16.5	12.5	13.0	18.6	6.6	12.0	77	73	50	42	42	64	58	0 —	2 c, k	3 c, k	10 cs, ck	0 —	3.0	13.09	3.9
17	10.2	10.2	17.3	19.2	16.2	12.7	14.3	20.7	8.8	11.9	70	70	39	36	57	73	58	10 sk, kc	3 k	7 k, kc	0 k	0 —	4.0	10.69	5.3
18	11.1	11.4	16.5	19.2	15.7	15.3	14.9	20.3	9.5	10.8	80	77	54	44	47	50	59	0 —	0 —	0 —	0 —	0 —	0.0	13.75	8.0
19	15.0	13.4	17.6	18.9	18.4	18.5	17.0	19.2	12.6	6.6	52	62	54	50	44	44	51	0 —	0 —	10 cs	10 cs	10 cs	6.0	13.13	9.3
20	18.2	16.9	19.6	20.0	17.3	16.0	18.0	21.5	15.2	6.3	47	43	50	63	72	66	57	10 sc	0 —	0 k	0 —	0 —	2.0	12.43	6.8
21	19.3	14.6	19.8	21.6	19.7	14.4	18.2	22.7	13.3	9.4	73	73	53	44	38	65	58	10 sc	10 kc	10 cs	10 sc	10 c, sc	10.0	6.35	5.3
22	11.6	9.8	18.6	18.5	16.9	14.5	15.0	20.0	8.8	11.2	82	80	44	62	74	88	72	0 —	0 —	0 —	10 c	0 —	2.0	13.76	6.1
23	13.6	10.9	22.1	24.3	23.4	16.0	18.4	25.3	9.9	15.4	90	94	26	28	29	53	53	0 —	10 c	5 c	8 c, ck	0 —	4.6	13.65	6.2
24	13.3	11.9	23.3	25.6	18.5	16.4	18.2	25.8	11.0	14.8	60	64	33	31	64	75	55	7 kc, ck	10 cs	10 kc	10 sk	10 kc, kn	9.4	7.15	5.0
25	14.3	13.1	20.4	23.7	20.7	18.0	18.4	24.2	12.2	12.0	75	90	55	40	61	68	65	0 —	0 —	10 cs, k	10 cs	10 ck	6.0	13.33	5.6
26	16.4	16.2	18.0	21.2	17.3	16.3	17.6	21.7	15.2	6.5	62	83	68	54	65	80	69	10 sk, n	10 sk	10 c, cs	0 —	10 cs	8.0	5.40	6.9
27	17.1	14.7	20.5	20.4	17.4	14.6	17.5	21.4	12.7	8.7	80	82	43	43	55	74	63	10 ck, cs	0 k	3 k	10 sk	2 k	5.0	9.57	7.0
28	14.0	15.2	21.9	25.4	19.8	17.8	19.0	25.8	13.1	12.7	80	71	46	37	55	61	58	2 k	0 —	3 k	0 —	10 cs	3.0	13.56	8.1
29	16.0	16.5	23.0	25.5	21.6	16.8	19.9	26.7	14.9	11.8	68	62	49	48	48	77	59	10 ck, kc	0 c	0 k	1 c	2 c, k	2.6	13.65	8.1
30	16.2	16.2	21.6	24.8	20.9	15.9	19.3	25.8	15.3	10.5	77	77	58	39	52	76	63	7 k, c	10 c, cs	10 cs, ck	10 sk	0 —	7.4	8.92	7.1
31	15.3	15.8	22.3	24.3	23.3	16.4	19.6	26.4	14.0	12.4	82	81	61	72	60	91	75	3 cs	0 —	0 k	3 k	0 —	1.2	12.41	6.7
平均 Mean	13.3	12.4	17.9	19.8	17.3	14.4	15.9	20.9	10.9	10.0	72	73	52	48	56	69	62	6.1	5.5	6.6	7.0	3.8	5.8	288.14	191.9

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

奉　天

昭和六年五月　　**MUKDEN.**　　MAY, 1931.

日 Day	氣壓 ※ (粍) AIR PRESSURE. (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean
1	55.4	56.2	56.1	53.4	52.4	52.9	54.4
2	52.7	53.4	54.7	55.1	57.0	58.0	55.2
3	59.1	59.8	60.6	59.8	59.4	60.5	59.9
4	60.3	60.1	59.1	58.1	58.1	58.4	59.0
5	56.1	54.4	54.9	54.7	54.5	54.9	54.9
6	54.4	54.4	54.1	53.8	53.2	55.3	54.2
7	56.4	57.5	58.3	56.6	55.1	56.3	56.7
8	56.1	55.4	55.6	55.2	54.8	56.7	55.6
9	56.6	58.5	56.7	57.0	56.7	57.8	57.2
10	59.0	60.2	**60.7**	58.8	58.2	58.6	59.3
11	58.2	57.6	56.1	53.5	52.5	53.3	55.2
12	53.6	54.8	55.2	53.7	53.1	53.5	54.0
13	52.5	52.3	53.2	53.6	53.8	55.7	53.5
14	54.2	52.7	51.9	48.3	48.7	49.3	50.9
15	49.1	49.3	49.4	48.6	47.5	47.7	48.6
16	47.2	47.8	48.5	47.9	48.1	50.2	48.3
17	51.2	53.1	54.2	53.6	54.0	55.6	53.6
18	55.5	56.2	55.8	53.4	51.9	52.9	54.3
19	53.2	54.1	53.9	51.6	51.7	51.6	52.7
20	50.6	50.3	50.8	48.7	48.6	50.7	50.0
21	51.1	53.9	53.8	53.2	52.5	52.9	52.9
22	52.7	52.5	51.3	51.3	52.2	53.5	52.3
23	54.5	55.4	56.1	54.9	54.3	54.3	54.9
24	54.1	53.8	53.4	53.0	52.8	53.9	53.5
25	54.4	54.7	54.9	53.3	51.7	52.3	53.6
26	51.5	51.5	50.3	47.3	45.7	47.1	48.9
27	45.1	43.7	**43.6**	44.4	45.3	47.2	44.9
28	48.3	49.6	50.6	50.1	49.6	50.8	49.8
29	51.7	53.1	53.5	52.8	52.1	52.8	52.7
30	52.5	52.1	52.3	51.2	51.2	52.8	52.0
31	52.5	52.4	52.5	51.4	51.7	52.9	52.2
平均 Mean	53.5	53.9	53.9	52.8	52.5	53.6	53.4

日 Day	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h.	
1	NNW	0.7	W	2.4	SSW	4.6	WSW	9.5	WSW	6.5	SW	6.2	5.0	
2	S	5.6	SSW	5.2	WSW	11.7	WNW	5.3	W	0.8	S	4.1	6.6	
3	S	2.0	S	3.7	SSW	7.9	SW	9.5	S	9.5	SSW	4.1	6.0	
4	S	6.1	S	5.4	SSW	12.4	SSW	12.0	S	10.1	S	5.3	8.9	
5	S	5.1	SSW	12.1	SSW	12.3	SSW	13.8	SSW	6.9	SW	4.8	9.3	
6	NNE	5.2	NNE	6.9	N	4.7	NNE	4.7	ENE	4.7	N	1.9	4.6	
7	NNE	1.2	NNE	1.6	S	4.8	SSW	6.8	S	5.5	SSW	4.7	4.0	
8	S	8.4	S	5.8	SW	16.7	SW	**19.4**	WSW	13.4	SW	7.6	10.9	
9	NNE	3.2	NNE	7.0	NNE	2.2	WNW	4.4	W	3.8	W	2.0	3.5	
10	SE	2.9	WNW	2.2	NW	4.8	NNW	4.0	NW	3.5	W	2.7	3.1	
11	SW	3.8	S	4.3	SW	14.1	SW	17.7	WSW	9.7	SW	5.7	9.1	
12	SSW	4.4	WSW	2.9	SW	5.2	SW	11.7	WSW	7.4	SSW	4.1	6.0	
13	S	6.1	SSW	9.9	SW	11.8	SW	13.6	SSW	6.5	SW	3.6	8.6	
14	S	3.0	SSE	3.0	SE	2.9	ENE	3.7	NNE	3.6	NE	6.0	4.0	
15	NNE	6.7	NNE	7.2	NNE	8.9	NNE	10.7	NNE	9.5	NNE	7.7	8.3	
16	N	4.8	NNE	5.8	NNE	6.5	NNE	6.4	NNW	5.6	NNW	4.3	6.0	
17	N	2.9	N	3.0	NNW	3.9	NNE	4.4	NNE	2.7	NNE	1.4	3.1	
18	W	2.5	W	3.6	SW	5.7	WSW	9.9	SW	11.9	SW	4.6	6.2	
19	WSW	3.8	—	0.0	SSE	2.2	WSW	6.9	WSW	9.6	SW	8.9	5.0	
20	SW	11.0	SSW	5.7	SSW	13.0	S	13.2	SSW	12.8	SSW	6.8	9.8	
21	S	5.0	WNW	2.2	NNE	2.5	NW	2.3	WNW	2.3	WNW	1.7	3.7	
22	S	2.5	S	2.0	WSW	9.6	NNW	6.2	NNW	4.3	NW	3.0	4.8	
23	NNE	0.9	N	0.7	NE	6.3	NNE	4.0	NE	3.9	NE	2.8	3.2	
24	NE	2.4	ENE	3.2	NE	2.5	NE	8.4	ENE	3.3	NNE	2.8	3.9	
25	NNE	2.2	—	0.2	ESE	2.2	NNE	2.2	SE	1.9	SSW	2.7	1.7	
26	S	3.7	WSW	3.8	W	4.5	SW	6.5	WSW	10.1	WNW	5.7	5.0	
27	NW	2.5	SSE	3.7	W	8.2	WSW	4.6	NW	4.3	NW	4.1	5.0	
28	NNW	5.2	NNW	3.5	N	4.0	NW	5.7	NW	4.5	NNE	1.7	4.4	
29	WSW	2.2	SE	1.1	NW	3.2	N	4.3	NW	0.5	ENE	2.2	2.3	
30	S	4.4	SSW	5.9	WSW	4.8	W	3.9	WSW	8.0	S	3.5	4.5	
31	SSW	2.7	S	2.6	WSW	5.0	NW	4.9	S	4.1	N	2.1	3.6	
平均 Mean		4.0		4.1		6.7		7.8		6.2		4.2	5.5	

日 Day	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
1	—	—	—	—	—	—	—
2	—	—	—	0.0	0.0	—	0.0
3	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—
5	0.4	0.5	1.7	0.9	3.0	5.2	11.7
6	7.4	4.5	8.1	0.7	—	—	**20.7**
7	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—
9	—	0.5	0.0	1.4	0.0	—	1.9
10	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—
14	—	—	1.4	0.0	5.6	6.4	13.4
15	0.5	—	—	—	—	—	0.5
16	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—
21	—	0.1	—	—	—	—	0.1
22	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—
24	—	—	—	0.2	0.2	0.0	0.4
25	0.0	—	—	—	—	—	0.0
26	—	2.2	1.7	0.0	—	—	3.9
27	1.0	0.3	0.4	4.1	3.8	0.3	9.9
28	0.2	—	—	—	—	0.9	1.1
29	6.3	0.1	—	—	—	—	6.4
30	—	—	—	—	—	—	—
31	—	—	—	—	0.0	—	0.0
平均 Mean	15.8	8.2	13.3	7.3	12.6	12.8	70.0

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range
1	4.8	5.7	18.1	23.3	19.0	13.1	14.0	23.9	**2.0**	**21.9**
2	12.2	12.7	19.8	15.3	13.4	12.2	14.3	22.3	11.2	11.1
3	9.5	10.2	17.9	22.7	18.8	11.2	15.1	23.2	7.4	15.8
4	11.8	13.2	22.7	24.5	18.9	15.9	17.8	25.0	10.6	14.4
5	16.1	16.8	16.9	17.0	15.3	13.3	15.9	17.7	13.3	**4.4**
6	8.5	6.8	7.2	7.9	8.6	7.5	7.8	13.3	6.6	6.7
7	4.7	2.6	13.3	18.0	17.4	11.7	11.3	20.0	**2.0**	18.0
8	12.9	12.1	19.5	20.9	17.7	13.6	16.1	21.8	10.4	11.4
9	12.1	7.3	11.4	9.6	11.5	7.1	9.8	14.0	7.0	7.0
10	5.6	5.3	14.2	17.8	17.7	8.4	11.5	19.0	2.9	16.1
11	6.0	9.0	18.8	22.4	17.6	11.7	14.3	23.2	5.6	17.6
12	11.1	11.5	19.3	23.3	19.0	15.2	16.6	24.5	9.8	14.7
13	15.1	15.6	20.6	22.6	20.4	15.2	18.3	23.1	14.0	9.1
14	11.4	11.7	11.9	15.6	11.9	10.3	12.1	16.0	10.3	5.7
15	9.4	9.6	10.8	13.9	14.2	10.4	11.4	15.5	9.1	6.4
16	7.9	7.1	14.2	17.5	16.6	10.9	12.4	18.1	6.1	12.0
17	8.3	8.4	16.4	18.3	18.0	10.0	13.2	19.2	7.3	11.9
18	6.4	8.3	18.5	22.0	19.4	14.0	14.8	22.8	5.7	17.1
19	11.5	12.3	20.9	26.0	20.0	18.5	18.2	26.6	9.2	17.4
20	17.7	15.9	22.3	24.5	20.8	16.1	19.6	25.0	15.6	9.4
21	15.2	14.0	20.4	21.8	19.9	12.7	17.3	22.4	12.7	9.7
22	7.9	11.4	22.8	25.5	24.1	16.1	18.0	26.0	6.7	19.3
23	10.7	10.5	20.2	22.2	20.6	14.9	16.5	22.6	7.4	15.2
24	11.8	13.9	21.4	18.8	17.1	15.5	16.4	22.1	11.2	10.9
25	14.6	13.9	21.6	25.1	23.8	17.1	19.4	26.5	13.2	13.3
26	15.6	15.0	15.7	19.2	19.7	16.0	16.9	23.0	14.3	8.7
27	13.3	14.1	15.4	13.5	16.0	13.5	14.3	18.4	12.9	5.5
28	13.1	13.1	19.3	23.2	22.5	15.6	17.8	24.2	12.8	11.4
29	13.9	14.7	20.5	23.4	23.8	17.2	18.9	25.1	12.4	12.7
30	14.2	17.0	22.5	26.2	23.6	16.9	20.1	27.0	13.3	13.7
31	13.5	15.1	23.6	26.4	25.3	19.1	20.5	**27.4**	11.9	15.5
平均 Mean	11.2	11.4	18.0	20.3	18.5	13.6	15.5	21.9	9.5	12.4

日 Day	濕度 (百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean
1	89	87	35	22	28	70	55
2	59	63	45	64	78	73	64
3	85	74	33	24	32	51	50
4	60	60	37	33	37	39	44
5	64	77	78	75	89	100	81
6	97	98	97	88	85	92	93
7	97	100	78	51	52	64	74
8	55	68	44	32	41	60	50
9	69	55	67	94	79	97	77
10	99	66	35	25	28	66	53
11	85	60	29	24	39	53	49
12	58	74	59	43	47	64	58
13	53	51	48	42	43	65	50
14	77	58	82	58	93	93	77
15	91	93	84	62	51	63	75
16	76	78	51	39	40	64	58
17	77	77	49	36	33	72	57
18	88	89	42	30	36	47	55
19	67	74	42	30	48	41	50
20	47	58	34	40	48	60	48
21	60	90	28	27	32	60	50
22	87	61	32	28	27	45	47
23	62	74	38	34	37	53	50
24	65	59	39	48	63	70	57
25	80	84	52	34	44	68	60
26	77	91	84	67	53	64	73
27	89	93	73	85	74	89	84
28	93	83	60	39	41	81	66
29	97	80	53	40	42	71	64
30	84	61	51	38	46	72	59
31	87	77	51	32	34	57	56
平均 Mean	77	75	53	45	49	67	61

日 Day	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 6h	10h	14h	18h	22h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	0 —	3 c	6 sk, k	10 c, cs	10 cs	5.8	12.45	10.5
2	8 sk	10 cs, c	10 s, n	10 s, sk	5 ck	8.6	5.21	4.9
3	8 cs	10 sc	8 ck, kc	7 c	0 —	6.6	7.97	10.7
4	4 ck, sk	10 cs, sk	10 cs, sk	10 sc, s	10 s	8.8	9.20	9.3
5	10 sc, sk	10 n	10 s, n	10 n	10 n	10.0	0.00	3.6
6	10 n	10 n	10 sk, s	10 sc, s	0 —	8.0	0.00	1.6
7	10 ≡	2 sk	0 —	0 —	0 —	2.4	9.68	7.5
8	10 sc, cs	10 cs	10 cs	10 cs	10 cs	10.0	9.70	9.3
9	12.1	10 s, n	8 n	0 k	0 —	5.6	4.42	3.2
10	0 —	0 —	1 sk	2 c, cs	0 —	0.6	13.10	8.7
11	0 —	0 —	6 c	10 sc, s, ck	0 —	3.2	11.50	11.7
12	5 c, sk	2 c	10 sc	9 sc, cs	7 cs, c	6.6	10.10	9.6
13	10 cs, sc	10 kc, cs	10 cs, sk	10 cs,ck,sk	8 kc	9.6	8.40	8.3
14	10 sk, s	10 n	10 s, sc	10 n	10 n	10.0	0.00	2.4
15	10 s	10. s, sk	7 sk	8 c, sk	0 —	7.0	6.00	7.5
16	0 cs	0 sk	7 c, sk	5 c, sk	0 —	2.4	13.30	8.3
17	8 cs, c	10 cs, sk	5 k, cs	4 c, sk	0 —	5.8	11.97	7.1
18	0 —	0 —	0 —	0 —	0 —	0.0	13.05	11.0
19	0 ck	0 —	5 c	10 cs	10 s	5.0	12.30	11.7
20	10 ck, s	0 ck	2 sk	10 sk	8 sk	6.0	10.34	11.1
21	10 sk	10 cs, sk	10 cs, sk	10 ck, sc	3 cs	8.6	6.91	8.3
22	0 —	0 —	2 c, k	0 c	0 —	0.4	13.70	11.0
23	0 —	0 —	10 cs, sc	10 cs. c, sk	3 c	4.6	11.03	9.5
24	10 cs, s	10 s, sk	10 sk	10 sk, s	10 sk	10.0	3.61	5.3
25	9 sc, sk	5 k, sk	10 k, sk, c	10 sc, s	10 cs	8.8	8.01	4.9
26	10 n	10 s, n	8 c. sk	0 —	10 s, n	7.6	5.62	4.8
27	10 s, sk	7 k, sk	10 n, kn	10 ck,sk,kn	10 n	9.4	4.87	5.8
28	2 sk, ck	5 sk	8 k, sk	6 ck, c	10 s, n	6.2	12.27	8.1
29	0 —	0 c	6 k, sk, c	3 c	5 cs, s	2.8	13.52	6.8
30	8 sk, c	10 ck, sk, k	9 k, sk	10 cs, kn	9 c, sk	9.2	8.51	7.0
31	2 ck, sk	0 sk	9 k	7 k, ck	0 —	3.6	12.70	8.7
平均 Mean	6.0	5.6	7.3	7.1	5.1	6.2	269.44	238.2

※ 重力ノ眞正 Reduction to standard gravity ..... — 0.2
海面ヘノ眞正 Reduction to mean sea level ..... + 4.0

長　春

昭和六年五月　　CHANGCHUN.　　MAY, 1931.

日 Day	氣壓 ※(粍) AIR PRESSURE. (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean
1	39.4	39.0	39.3	36.7	36.9	35.7	37.8
2	35.7	36.7	39.3	38.5	40.5	42.8	38.9
3	43.1	44.0	44.4	43.6	41.3	43.4	43.3
4	43.4	43.4	42.1	41.7	41.6	41.2	42.2
5	39.2	38.1	37.0	38.2	37.2	38.1	38.0
6	38.3	38.7	37.8	37.8	38.0	38.1	38.1
7	38.6	39.6	40.6	39.7	39.4	39.8	39.6
8	38.5	38.6	37.9	36.0	37.4	40.6	38.2
9	43.1	43.8	41.2	41.1	38.7	39.9	41.3
10	40.7	40.9	42.2	40.6	41.4	42.2	41.3
11	41.6	40.9	39.7	37.9	36.3	36.2	38.8
12	36.3	37.6	40.0	39.0	39.6	38.7	38.5
13	35.8	34.4	35.4	36.9	38.8	40.8	37.0
14	39.9	39.1	36.8	37.7	35.4	36.4	37.6
15	35.7	35.9	35.9	34.8	34.5	34.0	35.1
16	33.0	33.0	33.2	32.8	32.8	35.0	33.3
17	35.7	36.5	37.4	36.8	36.8	38.1	36.9
18	38.3	38.0	37.5	34.1	34.0	35.7	36.3
19	35.8	37.5	39.4	37.9	36.8	36.9	37.4
20	34.8	33.2	32.3	31.0	31.3	33.6	32.7
21	34.0	35.2	36.3	36.3	36.3	35.3	35.6
22	35.3	34.9	35.6	34.4	34.8	37.2	35.4
23	38.3	39.6	41.5	39.6	39.6	40.3	39.8
24	39.6	39.0	39.7	40.8	38.8	39.2	39.5
25	40.1	39.7	38.2	38.5	37.5	37.4	38.6
26	36.3	35.6	33.6	30.6	31.1	31.4	33.1
27	29.3	28.5	28.3	28.8	28.9	30.3	29.0
28	31.7	33.5	34.5	33.4	33.9	35.0	33.7
29	35.7	36.5	37.0	35.2	35.6	36.3	36.1
30	35.2	34.4	35.6	35.0	35.3	36.1	35.3
31	36.7	36.4	36.9	36.1	36.5	36.8	36.6
平均 Mean	37.4	37.5	37.6	36.8	36.7	37.5	37.3

日 Day	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h.
1	S	0.9	S	1.4	WSW	2.5	SW	4.1	WSW	2.9	SW	2.7	2.4
2	SW	2.8	SSW	1.3	N	2.3	SW	2.2	SSW	1.1	SSW	0.6	1.9
3	SSW	1.5	SSW	1.6	SW	2.9	SW	3.5	WSW	3.5	SW	2.4	2.1
4	SW	3.9	SW	3.7	SW	4.7	WSW	5.3	WSW	5.5	WSW	7.3	5.0
5	SW	5.0	SW	4.8	SW	5.8	SW	7.2	SW	8.2	SW	6.4	6.4
6	NNW	2.7	N	2.6	N	3.2	NW	3.5	NW	2.0	NW	1.5	2.8
7	W	1.5	W	2.3	W	4.1	W	4.7	SW	1.9	SW	3.5	3.0
8	SW	5.3	SW	3.9	WSW	5.8	WSW	4.8	W	8.3	N	7.0	5.8
9	NW	6.0	W	2.8	SW	4.9	W	2.5	W	2.8	NW	2.8	3.5
10	WNW	2.2	W	2.2	WNW	3.9	NNW	10.5	N	2.6	NE	1.8	4.0
11	S	4.1	SW	6.4	W	5.8	SW	7.6	W	2.4	WSW	2.2	5.2
12	W	3.5	NW	3.2	NNE	1.9	SSE	3.1	ESE	2.1	ENE	1.9	2.1
13	SSE	2.7	SW	3.9	W	5.3	NW	6.5	NNW	1.3	NNW	1.4	4.1
14	E	2.0	E	2.9	ESE	2.6	W	1.2	NE	2.8	NE	2.5	2.3
15	NE	4.7	NE	7.0	ENE	6.9	NE	7.6	NE	6.4	NE	5.0	5.3
16	NE	4.3	NE	4.1	NE	6.4	NE	6.3	NE	2.1	NE	0.8	4.1
17	NE	0.8	NE	0.6	NW	3.1	NW	3.1	N	2.2	NW	1.5	1.5
18	W	2.2	WSW	3.4	W	7.0	W	8.8	N	8.5	W	2.0	4.3
19	NW	3.5	NW	3.1	N	3.7	N	1.4	N	1.3	ENE	1.8	2.4
20	SE	2.2	SSW	3.6	WSW	7.6	WSW	8.8	WSW	7.0	W	3.7	5.7
21	W	5.3	W	5.3	SE	7.4	E	5.3	E	3.7	SE	3.0	4.3
22	SE	2.9	WSW	3.1	W	5.2	NW	3.1	NW	1.8	N	0.5	2.5
23	—	0.2	NW	1.0	E	1.8	E	2.7	ESE	1.8	NNE	1.6	1.5
24	NW	2.5	NNW	2.3	N	6.4	NNE	6.4	NNE	2.0	—	0.4	3.1
25	NE	0.9	NE	2.0	ENE	5.3	NE	3.1	NE	2.7	ENE	1.3	2.2
26	ENE	2.0	ENE	1.6	SSW	3.1	WSW	4.7	W	3.7	SSW	1.2	2.3
27	SW	3.1	SSW	1.4	W	0.8	N	1.0	NE	2.9	NE	1.5	2.2
28	NNE	3.1	NNE	2.9	NE	5.3	N	4.3	NW	3.5	ENE	1.5	2.7
29	NNW	1.4	NNW	1.2	NW	1.8	NW	1.2	WNW	3.9	W	4.1	1.7
30	W	0.5	W	1.5	NW	1.4	NNE	2.6	NNW	1.8	—	0.2	1.6
31	ENE	1.3	ENE	1.2	NNE	2.2	NE	1.2	NE	0.9	NE	0.8	1.2
平均 Mean		2.7		2.8		4.2		4.5		3.3		2.4	3.2

日 Day	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
1	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—
5	—	0.2	2.0	0.2	2.6	4.1	9.1
6	3.3	3.1	2.0	1.3	—	—	9.7
7	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—
9	—	1.2	0.0	—	—	—	1.2
10	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—
12	0.2	—	—	—	—	0.3	0.5
13	0.2	0.9	—	—	—	—	1.1
14	0.1	0.2	—	0.2	—	3.0	3.5
15	1.0	0.2	—	—	—	—	1.2
16	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—
18	—	—	—	—	—	0.1	0.1
19	—	—	—	—	—	—	—
20	—	—	—	—	—	4.2	4.2
21	5.0	5.6	0.1	—	—	—	10.7
22	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—
24	1.8	—	—	—	—	—	1.8
25	—	—	—	—	—	—	—
26	—	—	2.0	6.6	—	—	8.6
27	—	—	—	6.0	1.1	2.0	9.1
28	1.8	—	—	—	—	—	1.8
29	0.9	—	—	—	—	—	0.9
30	—	0.2	—	—	—	—	0.2
31	—	—	—	4.2	0.3	—	4.5
平均 Mean	12.5	11.6	6.1	18.5	4.0	13.7	66.4

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range
1	4.3	2.1	17.0	21.0	20.1	11.4	12.7	21.7	1.8	19.9
2	12.0	11.0	11.6	13.8	13.0	7.0	11.4	14.3	6.7	7.6
3	6.0	9.8	21.2	22.6	22.0	13.6	15.9	23.2	4.8	18.4
4	10.5	12.4	21.0	22.2	20.8	14.8	17.0	23.7	7.8	15.9
5	12.0	12.1	18.0	15.6	14.4	13.0	14.2	18.6	10.8	7.8
6	4.7	4.0	4.0	6.3	7.8	4.2	5.2	13.2	3.5	9.7
7	2.9	4.7	12.7	15.8	13.9	10.6	10.1	15.8	2.4	13.4
8	9.7	10.1	21.2	21.3	17.8	11.6	15.3	22.5	8.3	14.2
9	7.4	1.2	11.0	13.6	14.6	6.1	9.0	15.0	0.6	14.4
10	3.5	1.9	12.8	13.9	14.8	7.6	9.1	15.4	0.5	14.9
11	5.2	3.4	15.2	19.6	18.2	13.6	12.5	19.7	1.7	18.0
12	16.1	9.6	16.4	20.4	19.0	12.7	15.7	20.7	5.2	15.5
13	11.2	12.6	15.6	17.0	14.0	11.0	13.6	17.2	10.9	6.3
14	9.6	9.0	14.4	12.2	11.6	9.0	11.0	14.5	8.3	6.2
15	7.0	6.0	12.0	13.8	13.0	7.0	9.8	14.2	6.0	8.2
16	4.0	6.0	12.4	15.6	14.1	8.0	10.0	16.2	3.6	12.6
17	6.2	6.8	16.6	18.0	17.1	9.9	12.4	19.2	5.2	14.0
18	7.9	10.6	19.2	22.0	20.2	14.1	15.7	22.2	5.2	17.0
19	9.9	7.6	16.6	19.0	18.5	14.0	14.3	19.2	6.5	12.7
20	11.8	14.0	25.5	24.6	23.2	15.0	19.0	26.6	6.7	19.9
21	12.4	11.5	17.3	19.0	19.0	11.0	15.0	19.8	10.7	9.1
22	9.3	10.6	16.5	21.6	20.2	10.6	14.8	22.2	7.0	15.2
23	7.4	9.6	16.8	17.8	18.0	12.0	13.6	19.3	6.3	13.0
24	8.4	8.6	20.1	21.0	20.6	14.7	15.6	21.4	6.2	15.2
25	11.8	9.0	16.8	22.0	21.6	12.8	15.7	22.7	6.4	16.3
26	10.8	11.6	11.8	17.6	16.9	13.0	13.6	17.7	10.2	7.5
27	12.3	12.6	19.0	15.6	15.0	11.8	14.4	19.4	11.5	7.9
28	11.2	11.0	18.6	20.6	15.8	13.6	15.1	20.6	10.7	9.9
29	11.7	11.2	18.9	22.2	19.3	15.6	16.5	23.3	10.6	12.7
30	11.3	15.9	21.0	23.3	21.6	15.0	17.7	25.0	10.5	14.5
31	13.0	12.6	21.2	17.3	18.0	14.2	16.1	22.6	12.5	10.1
平均 Mean	9.1	8.9	16.5	18.3	17.2	11.6	13.6	19.6	6.7	12.8

日 Day	濕度 (百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean
1	70	71	28	24	27	38	43
2	44	52	56	52	54	90	58
3	92	94	42	33	29	37	55
4	47	60	44	42	42	45	47
5	61	70	89	95	96	100	85
6	100	100	100	84	76	82	90
7	90	95	73	48	47	62	69
8	64	67	40	35	35	56	50
9	51	71	81	40	31	46	53
10	59	63	38	30	26	50	44
11	55	59	42	34	42	57	48
12	57	83	46	41	38	86	59
13	95	82	71	71	76	94	82
14	97	97	63	80	81	100	86
15	100	100	61	43	44	67	69
16	85	95	60	43	50	71	67
17	84	81	45	38	39	55	57
18	54	60	37	30	30	45	43
19	46	60	38	32	28	43	41
20	48	56	28	22	42	93	48
21	92	78	45	37	38	47	56
22	52	56	54	27	30	62	47
23	69	90	69	47	40	52	61
24	76	85	39	38	43	52	56
25	81	54	40	40	37	64	53
26	80	83	100	74	64	88	82
27	81	95	66	93	76	100	85
28	97	93	60	51	79	80	77
29	95	97	57	47	58	76	72
30	92	87	59	43	48	74	67
31	77	80	52	78	83	87	76
平均 Mean	74	78	56	48	49	68	62

日 Day	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 6h	10h	14h	18h	22h	平均 Mean
1	0 —	0 —	0 —	0 —	0 —	0.0
2	0 —	10 sc	10 sc	10 sc	0 —	6.0
3	0 —	0 —	0 —	0 —	0 —	0.0
4	10 sc	10 sc	10 sc	10 sc	10 s	10.0
5	10 n	10 s	10 n	10 n	10 n	10.0
6	10 n	10 n	10 s	10 sk	10 s	10.0
7	8 sk	8 sk	10 sk	10 sk	7 sk	8.6
8	0 —	0 —	10 s	10 s	10 sc	6.0
9	10 n	4 sk	4 sk	0 —	0 —	3.6
10	0 —	0 —	0 —	0 —	0 —	0.0
11	0 —	10 sc	10 sc	10 s	10 s	8.0
12	0 —	0 —	10 sc	10 sc	10 n	6.0
13	10 s	10 sc	10 sk	10 sk	10 s	10.0
14	10 sk	10 sc	10 s	10 s	10 n	10.0
15	10 s	6 sk	6 sk	0 —	0 —	4.4
16	10 sc	10 sc	10 sk	10 sc	10 sc	10.0
17	10 sc	10 sc	6 c	8 c	8 sc	8.4
18	0 —	0 —	0 —	10 sk	10 s	4.0
19	2 c	0 —	0 —	0 —	0 —	0.4
20	0 —	0 —	10 cs	10 sc	10 s	6.0
21	10 n	6 cs	4 c	0 —	0 —	4.0
22	10 sc	10 sc	0 —	0 —	0 —	4.0
23	6 sk	4 sk	10 sk	6 sk	0 —	5.2
24	0 —	10 sk	10 sc	10 sc	10 sk	8.0
25	0 —	0 —	10 sc	4 sk	10 sk	4.8
26	10 sc	10 n	10 sk	10 sk	10 s	10.0
27	10 s	10 kn	10 n	10 n	10 n	10.0
28	10 ck	10 sk	10 sk	10 sk	10 sk	10.0
29	10 sk	8 sk, c	6 sk	10 c	5 c	7.8
30	10 kn	0 k	4 k	0 —	9 ck	4.4
31	10 sk	10 kn	10 n	3 kn	0 —	6.6
平均 Mean	6.0	6.0	7.1	6.5	6.1	6.3

日 Day	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量(粍) AMOUNT OF EVAPORATION.
1	12.00	8.7
2	0.00	3.7
3	12.00	10.2
4	6.50	7.2
5	0.00	5.3
6	0.00	7.0
7	11.70	9.6
8	10.20	6.0
9	9.00	6.1
10	11.90	7.2
11	7.60	7.2
12	11.10	8.2
13	4.70	7.8
14	0.00	8.4
15	9.30	8.2
16	10.60	8.4
17	9.50	10.0
18	10.90	9.9
19	11.70	9.6
20	6.90	9.8
21	12.70	8.8
22	12.30	9.6
23	10.35	8.0
24	7.50	4.9
25	11.80	5.7
26	4.80	5.5
27	4.80	4.4
28	8.40	4.4
29	12.00	7.0
30	12.10	5.9
31	7.20	4.1
平均 Mean	259.55	226.8

※ 重力ノ更正　Reduction to standard gravity ……— 0.1
海面ヘノ更正　Reduction to mean sea level ……+ 19.2

旅順
RYOJUN.

昭和六年五月 MAY, 1931.

日 Day	氣壓* (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	54.4	53.8	51.9	53.4	W	0.5	W	7.3	SE	0.9	3.0	—	—	—	—
2	52.3	53.6	55.7	53.9	SE	3.5	SE	4.3	S	6.9	4.8	—	—	—	—
3	57.0	58.4	58.3	57.9	SSE	4.3	SE	7.9	SE	4.1	5.3	—	—	—	—
4	57.9	57.2	54.5	56.5	SE	6.1	SE	7.6	SE	9.9	8.9	—	—	—	—
5	52.3	51.4	50.0	51.2	SSE	8.8	SE	6.1	SE	2.0	6.7	11.5	4.8	0.8	17.1
6	49.0	50.6	53.2	50.9	NE	4.1	NNW	5.0	WNW	2.3	3.8	15.2	3.0	—	18.2
7	54.9	56.3	56.1	55.8	W	1.2	SW	2.3	S	1.6	3.1	—	—	—	—
8	56.0	55.5	55.4	55.6	SW	4.5	S	4.4	SE	2.7	2.8	—	—	—	—
9	55.0	55.0	54.2	54.7	WSW	3.7	WSW	5.8	—	0.3	3.4	—	—	—	—
10	57.4	58.2	57.7	57.8	N	2.9	N	3.9	WSW	0.5	3.5	—	—	—	—
11	56.7	56.1	54.1	55.6	N	3.9	SE	4.3	SE	4.9	3.5	—	—	—	—
12	53.6	53.7	53.2	53.5	S	1.8	SE	3.7	SSE	3.6	4.1	—	—	—	—
13	52.9	53.1	52.4	52.8	S	6.4	SSE	4.1	SE	5.4	4.3	—	—	—	—
14	49.3	44.8	44.1	46.1	SE	6.8	SE	6.1	SE	1.8	5.9	5.5	0.5	2.7	8.7
15	43.7	45.3	45.9	45.0	ENE	5.8	NNE	8.9	NW	5.7	6.6	1.3	—	—	1.3
16	46.4	47.8	49.8	48.0	NW	9.9	NNW	7.6	W	4.6	8.2	—	—	—	—
17	51.7	53.8	55.1	53.5	WNW	3.6	NNW	4.9	W	4.3	4.2	—	—	—	—
18	55.9	55.3	53.7	55.0	W	2.0	W	10.9	WSW	7.9	7.1	—	—	—	—
19	53.3	53.1	52.1	52.8	WSW	11.7	WSW	11.1	SSE	2.7	8.4	—	—	—	—
20	50.3	49.2	50.5	50.0	SW	2.3	SSE	4.1	—	0.2	3.6	—	—	—	—
21	51.4	52.0	51.6	51.7	E	1.8	SSE	3.7	S	1.5	2.4	—	—	1.2	1.2
22	52.4	53.3	52.2	52.6	S	1.2	W	4.4	W	2.7	4.6	0.1	—	—	0.1
23	52.1	52.4	51.5	52.0	—	0.4	SSE	3.5	SE	1.2	1.6	—	—	—	—
24	50.5	50.1	49.8	50.1	N	4.1	SSE	3.1	NE	1.1	2.0	—	—	—	—
25	51.9	51.8	51.5	51.7	ESE	2.3	SSE	1.9	SE	1.5	2.5	0.0	3.0	—	3.0
26	49.1	47.9	46.6	47.9	SE	2.2	W	4.3	WSW	6.4	4.3	—	—	—	—
27	44.4	45.1	47.2	45.6	N	8.8	WNW	7.5	NNW	1.7	7.0	—	—	—	—
28	49.3	50.3	50.2	49.9	NW	2.9	WNW	5.5	W	4.9	4.8	—	—	—	—
29	50.7	51.7	52.0	51.5	SE	0.7	W	7.7	WSW	1.2	3.3	0.3	—	—	0.3
30	51.3	51.4	50.3	51.0	—	0.1	SSE	4.5	SE	1.7	2.2	—	—	—	—
31	50.2	51.3	51.1	50.9	NNW	5.8	W	6.2	W	5.8	4.3	0.0	0.0	—	0.0
平均 Mean	52.0	52.2	52.0	52.1		4.0		5.6		3.3	4.5	33.9	11.3	4.7	49.9

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION. (mm)
1	13.4	18.3	10.8	14.2	21.0	9.0	12.0	33	48	74	52	0 —	0 —	0 —	0.0	12.10	6.8
2	11.3	15.6	12.6	13.2	17.4	9.2	8.2	68	43	43	51	7 sc, cs	9 kc, c	10 kc	8.7	7.77	6.4
3	9.0	14.4	10.8	11.4	15.2	8.1	7.1	61	55	90	69	5 c, cs	5 kc, c	8 kc	6.0	11.32	5.3
4	10.5	12.4	11.7	11.5	14.5	8.5	6.0	85	76	89	83	10 sk, kc	10 sc, s	10 sk	10.0	6.90	2.1
5	10.6	11.2	12.2	11.3	13.0	8.5	4.5	100	94	100	98	10 n	10 ≡	10 n	10.0	0.00	2.8
6	9.2	10.4	10.2	9.9	12.8	7.9	4.9	100	82	70	84	10 n	10 sc	0 —	6.7	1.70	3.2
7	9.2	18.3	13.0	13.5	18.8	6.2	12.6	65	50	63	59	0 —	2 c	0 —	0.7	12.45	5.7
8	13.3	18.0	10.7	14.0	19.0	6.0	13.0	68	40	65	58	10 s	10 cs	10.0	6.43	4.2
9	11.8	20.0	11.9	14.6	21.3	9.2	12.1	67	40	80	62	10 c, ck	0 —	6 cs, c	5.3	12.40	7.7
10	9.2	17.6	11.1	12.6	18.1	7.9	10.2	85	25	34	48	0 —	6 c, cs	3 cs	3.0	12.05	7.0
11	10.3	14.6	10.8	11.9	17.5	7.9	9.6	37	45	66	49	0 —	0 —	0 —	0.0	13.10	7.3
12	13.2	16.2	12.7	14.0	22.2	9.0	13.2	71	57	68	65	7 c, ck	0 —	0 —	2.3	12.80	5.8
13	12.6	15.7	11.3	13.2	17.4	10.6	6.8	72	60	72	68	10 sk	10 ck	10 s	10.0	8.60	0.8
14	10.0	10.2	10.4	10.2	12.0	8.1	3.9	90	92	99	94	10 n	10 n	10 s	10.0	0.00	0.5
15	10.6	10.4	10.5	10.5	12.6	8.5	4.1	100	78	65	81	10 s	10 sk	0 —	6.7	3.10	5.4
16	9.8	14.0	11.0	11.6	15.2	8.7	6.5	63	38	52	51	0 —	1 c	0 —	0.3	12.38	6.5
17	8.8	15.6	10.7	11.7	17.6	7.7	9.9	83	43	56	61	7 cs	0 —	0 —	2.3	12.50	6.8
18	10.2	18.0	18.2	15.5	19.8	8.3	11.5	63	45	43	50	0 ck	2 c	0 —	0.7	13.20	11.6
19	14.0	22.2	14.4	16.9	23.3	11.6	11.7	60	36	59	52	0 —	3 c	10 s	4.3	10.95	7.2
20	14.7	16.0	12.4	14.4	18.0	11.0	7.0	71	67	90	76	10 sc	0 c	0 s	3.3	8.20	5.2
21	11.2	15.6	12.4	13.1	17.1	9.0	8.1	97	72	97	89	10 sk	10 cs, sc	10 n	10.0	7.70	3.6
22	10.0	19.0	15.2	14.7	20.3	9.2	11.1	97	63	70	77	4 s	0 c	0 —	1.3	13.00	5.5
23	14.8	17.2	14.7	15.6	25.6	11.2	14.3	81	64	59	68	10 sc	10 sk	0 —	6.7	7.36	7.2
24	15.5	21.0	16.0	17.5	22.2	12.9	9.3	70	52	53	58	9 sk	0 —	6 k	5.0	12.27	3.2
25	13.0	18.7	13.8	15.2	22.5	11.6	10.9	82	57	74	71	10 kn	6 ck	9 c	8.3	8.29	5.5
26	13.4	17.5	15.4	15.4	22.8	12.1	10.7	80	62	72	71	10 sc, ck	10 sc	0 —	6.7	7.28	5.5
27	14.4	22.5	15.3	17.4	23.2	13.0	10.2	84	29	46	53	6 sc	0 cs, c	0 —	2.0	13.20	11.0
28	16.2	21.2	15.7	17.7	23.7	13.0	10.7	38	35	45	39	0 —	0 cs	10 sc	3.3	13.35	8.4
29	16.3	23.6	16.2	18.7	25.0	14.0	11.0	50	39	61	50	10 sk	0 —	0 —	3.3	12.50	8.0
30	15.0	22.4	17.2	18.2	23.3	13.5	9.8	72	43	66	60	0 —	0 —	10 sk	3.3	11.81	6.3
31	15.4	24.7	16.4	18.8	26.4	14.6	11.8	79	37	69	62	10 sk	0 —	0 —	3.3	11.40	9.0
平均 Mean	12.2	17.2	13.1	14.1	19.3	9.9	9.4	73	54	67	65	6.3	4.3	4.3	5.0	295.61	181.5

* 重力ノ眞正 Reduction to standard gravity 0.4
海面ヘノ眞正 Reduction to mean sea level ..... 平 7.2

鞍山

昭和六年五月 **ANSHAN.** MAY, 1931.

日 Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	56.7	55.8	54.9	55.8	SW	2.3	WSW	5.8	SW	2.3	4.4	—	—	—	—
2	54.8	57.0	58.4	56.7	SSW	4.7	WSW	7.0	SE	2.9	5.6	—	—	—	—
3	59.7	61.7	61.0	60.8	SE	1.2	SSW	5.8	SSW	7.0	5.1	—	—	—	—
4	61.4	60.0	59.2	60.2	SSW	4.6	SSW	8.8	SSW	7.0	7.4	—	—	—	—
5	55.7	55.8	55.4	55.6	SW	7.0	SSW	10.5	S	0.6	3.5	—	0.0	4.1	4.1
6	55.5	54.5	56.3	55.4	N	6.4	NE	5.0	NE	2.3	4.1	12.7	10.3	0.1	23.1
7	57.5	62.8	57.1	59.1	—	0.0	SW	4.7	SW	3.3	3.6	—	—	—	—
8	56.8	57.4	57.0	57.1	SW	7.8	WSW	11.1	SSE	2.3	7.6	—	—	—	—
9	57.3	58.5	58.3	58.0	—	0.3	NNE	4.4	S	2.1	2.8	0.0	0.4	—	0.4
10	61.6	60.8	60.1	60.8	WSW	1.2	N	4.0	SW	2.3	2.2	—	—	—	—
11	58.5	56.1	54.5	56.4	SSW	4.2	WSW	9.0	WSW	8.2	6.7	—	—	—	—
12	55.3	55.2	55.0	55.2	WSW	4.7	WSW	7.9	SSW	2.3	5.9	—	—	—	—
13	53.9	55.5	56.3	55.2	WSW	7.6	SW	7.3	SSW	2.3	5.9	—	—	—	—
14	53.2	49.2	49.8	50.7	SSW	3.8	SSW	2.7	NE	3.5	3.3	—	2.3	9.0	11.3
15	49.2	49.9	48.9	49.3	N	7.6	NE	9.9	NE	8.8	7.7	0.3	—	—	0.3
16	49.2	50.0	51.3	50.2	ESE	2.3	NE	7.1	NNW	4.7	5.3	—	—	—	—
17	53.5	55.3	56.5	55.1	SW	1.1	NNE	5.3	—	0.2	7.5	—	—	—	—
18	57.1	55.6	53.8	55.5	SW	3.2	W	7.6	SW	6.7	5.8	—	—	—	—
19	54.4	53.1	52.7	53.4	SW	4.9	WSW	9.3	WSW	7.3	6.9	—	—	—	—
20	52.0	51.2	52.1	51.8	SW	4.1	SW	8.2	SW	6.1	6.3	—	—	—	—
21	54.4	53.9	53.6	54.0	SW	1.2	NE	3.2	—	0.0	3.4	—	—	—	—
22	53.2	53.1	53.9	53.4	SSE	2.4	WSW	7.6	SSW	1.8	4.0	—	—	—	—
23	56.6	56.9	55.2	56.2	S	0.5	NE	3.9	E	3.0	2.6	—	—	—	—
24	53.8	53.6	54.3	53.9	E	1.8	NE	0.6	ENE	1.1	2.5	—	0.8	1.0	1.8
25	55.3	55.1	53.4	54.6	—	0.0	NW	2.4	SSE	1.8	1.3	1.6	—	—	1.6
26	51.7	49.5	46.2	49.1	W	0.5	WSW	2.0	WSW	8.2	4.1	0.4	0.0	—	0.4
27	45.2	46.2	48.7	46.7	WSW	4.1	W	4.7	W	2.7	5.2	—	1.1	1.3	2.4
28	50.4	51.6	52.2	51.4	WNW	3.2	NE	4.8	W	0.9	3.2	—	—	—	—
29	53.2	53.9	54.0	53.7	WSW	1.5	NNE	2.4	WSW	1.1	1.7	—	—	—	—
30	53.2	53.2	53.8	53.4	SW	3.5	WSW	4.9	WSW	2.3	3.3	0.0	0.0	0.3	0.3
31	54.1	52.8	53.1	53.3	SW	2.0	W	4.4	NNW	1.8	3.2	—	—	—	—
平均 Mean	54.7	54.7	54.4	54.6		2.2		5.9		3.4	4.7	15.0	14.9	15.8	45.7

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	7.4	23.0	14.9	15.1	23.5	6.8	16.7	52	22	58	44	0 —	5 cs	0 —	1.7	11.70	7.9
2	15.3	19.5	13.7	16.2	23.1	13.7	9.4	42	34	57	44	4 cs	10 sk	10 sk	8.0	4.60	7.3
3	10.3	23.2	15.3	16.3	23.9	9.9	14.0	64	21	35	40	4 cs	9 cs	2 cs	3.7	7.00	6.7
4	14.7	23.4	17.1	18.4	23.9	14.4	9.5	50	31	43	41	7 sk	5 sk	10 sk	8.7	6.10	11.4
5	17.9	18.8	15.0	17.2	20.3	14.7	5.6	65	56	90	70	10 sk	10 sk	10 n	10.0	0.50	9.9
6	8.3	8.5	7.9	8.2	15.1	7.2	7.9	97	91	92	93	10 n	10 n	10 sk	10.0	0.00	5.0
7	4.4	16.4	14.4	11.7	21.3	4.0	17.3	96	52	50	66	0 —	1 s	0 —	0.3	11.50	5.9
8	15.9	20.7	14.7	17.1	21.9	13.8	8.1	43	37	52	44	10 cs	10 cs	0 —	6.7	7.20	9.3
9	10.9	12.7	9.1	10.9	16.5	8.4	8.1	74	57	74	68	10 n	9 sk	0 —	6.3	1.20	6.6
10	3.4	17.5	11.1	10.7	18.1	3.4	14.7	93	25	47	55	0 —	4 cs	4 cs	2.7	11.80	3.1
11	9.9	22.8	17.3	16.7	23.4	8.0	15.4	42	20	21	28	0 —	3 cs	0 —	1.0	11.80	9.1
12	15.5	21.8	15.7	17.7	22.7	14.4	8.3	54	42	61	52	1 sk	5 sk	2 s	2.7	9.00	13.0
13	17.5	22.8	15.5	18.6	23.6	15.5	8.1	40	39	55	45	8 sk	10 sk	6 sk	8.0	4.30	10.6
14	14.3	16.5	11.8	14.2	16.6	10.8	5.8	49	45	85	60	10 sk	10 sk	10 n	10.0	0.00	7.9
15	9.5	12.4	10.3	10.7	15.1	9.2	5.9	91	76	62	76	10 sk	10 sk	0 —	6.7	1.90	4.3
16	5.6	17.7	12.7	12.0	18.3	5.2	13.1	80	36	62	59	0 —	3 cs	0 —	1.0	11.40	4.6
17	6.5	18.1	11.7	12.1	19.9	6.3	13.6	82	29	56	56	7 sk	8 k	0 —	5.0	8.20	7.9
18	9.9	21.4	16.9	16.1	22.3	8.8	13.5	68	24	35	42	0 —	3 s	3 sk	2.0	12.20	7.2
19	15.3	24.1	19.9	19.8	24.8	14.7	10.1	46	32	33	37	0 —	0 —	8 sk	2.7	10.60	8.1
20	18.3	24.0	17.1	19.8	24.8	17.0	7.8	40	36	51	42	10 sk	4 k	0 —	4.7	8.50	13.2
21	14.5	21.7	15.1	17.1	22.4	14.3	8.1	68	47	43	53	10 sk	10 cs	8 sk	9.3	6.40	8.8
22	10.7	25.2	16.7	17.5	27.1	9.5	17.6	60	28	66	51	0 —	2 cs	0 —	0.7	12.20	5.3
23	9.7	22.7	16.3	16.2	27.1	9.5	17.6	91	26	44	54	2 cs	9 cs	0 —	3.7	12.20	10.6
24	10.3	20.9	16.5	15.9	25.4	9.8	15.6	68	42	75	62	4 sk	0 —	10 sk	4.7	4.50	9.0
25	12.1	22.6	18.7	17.8	24.3	12.1	12.2	95	50	59	68	5 sk	5 k	10 sk	6.7	9.30	4.8
26	16.7	20.9	17.1	18.2	24.0	15.3	8.7	80	47	49	59	10 sk	10 sk	10 sk	10.0	5.20	5.8
27	15.5	17.5	13.7	15.6	21.3	13.3	8.0	74	61	78	71	10 sk	9 sk	2 sk	7.0	4.70	8.6
28	13.3	23.6	17.2	18.0	24.5	12.3	12.2	78	33	58	56	10 sk	8 k	0 —	6.0	11.90	6.3
29	13.1	24.6	18.9	18.9	25.7	12.4	13.3	60	30	50	47	2 cs	3 k	2 s	2.3	11.40	8.2
30	16.4	22.3	17.4	18.8	26.2	15.1	11.1	59	47	62	56	7 n	10 n	0 —	5.7	4.40	8.4
31	13.9	27.8	20.9	20.9	28.5	13.0	15.5	69	25	37	44	4 cs	3 k	2 cs	3.0	12.10	6.9
平均 Mean	12.2	20.5	15.2	15.9	22.4	11.1	11.4	67	40	56	54	5.3	6.4	3.8	5.2	233.80	241.7

* 重力ノ更正 Reduction to standard gravity ..... — 0.3

∴ 海面ヘノ更正 Reduction to mean sea level ..... + 3.5

鄭家屯

昭和 六年五月 | CHENGCHIATUN. | MAY, 1931.

日 Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	50.6	48.1	45.2	48.0	—	0.1	SW	8.9	SSW	2.1	3.3	—	—	—	—
2	46.8	51.2	54.0	50.7	SW	5.7	NNE	4.7	NE	0.5	4.3	—	—	—	—
3	54.0	54.0	53.9	54.0	SSE	1.9	SSW	7.5	SSW	4.7	4.0	—	—	—	—
4	53.4	52.1	51.9	52.5	SSW	4.5	SW	10.9	SW	8.6	7.7	—	—	—	—
5	48.6	47.1	50.0	48.6	SSW	5.4	SW	14.2	N	4.4	8.2	3.0	5.9	8.5	17.4
6	51.0	48.3	50.4	49.9	NNE	3.2	NNE	2.0	NE	1.3	2.8	1.2	0.0	—	1.2
7	51.4	50.8	48.3	50.2	W	0.9	SW	5.7	SSW	5.7	3.2	1.5	—	—	1.5
8	47.3	47.5	51.8	48.9	SSW	7.2	WSW	12.7	NNE	2.3	7.5	—	—	0.1	0.1
9	53.6	51.3	54.0	53.0	ENE	2.5	WSW	4.7	NNW	2.5	4.3	—	0.1	—	0.1
10	53.5	54.5	52.7	53.6	WNW	3.4	NNW	6.5	S	3.3	3.9	—	—	—	—
11	50.9	47.5	45.4	47.9	S	1.9	SSW	6.5	SW	9.7	4.7	—	—	—	—
12	49.2	49.8	46.3	48.4	NNW	3.1	SSE	2.6	SSW	4.5	4.0	—	—	0.0	0.0
13	44.3	48.1	50.8	47.7	SW	5.1	E	4.6	SSE	3.3	4.8	0.2	0.8	1.3	2.3
14	48.6	46.9	47.6	47.7	ESE	3.2	SE	3.0	NE	3.0	2.9	1.2	2.9	7.0	11.1
15	47.0	46.5	45.7	46.4	NNE	6.9	NE	9.6	NE	4.3	6.7	1.2	—	—	1.2
16	44.5	44.5	45.6	44.9	NNE	3.7	NE	5.9	NNE	2.7	4.6	—	—	—	—
17	48.4	48.7	49.8	49.0	NNW	0.9	NNE	3.4	—	0.2	2.6	—	—	—	—
18	49.4	46.2	46.5	47.4	WNW	2.6	WSW	2.9	W	0.5	4.4	—	—	—	—
19	48.9	48.3	46.1	47.8	NNE	1.3	WNW	1.8	ESE	3.4	2.1	—	—	—	—
20	42.4	40.5	44.1	42.3	SSW	3.8	SW	12.8	WSW	7.3	8.6	—	—	0.0	0.0
21	47.1	47.7	47.8	47.5	WSW	2.5	WNW	5.8	SW	1.7	5.5	0.9	—	—	0.9
22	45.1	46.2	48.4	46.6	SSW	3.9	N	4.7	NNW	2.8	3.6	—	—	—	—
23	51.4	51.4	50.6	51.1	N	1.2	NNE	4.4	ENE	1.5	2.7	—	—	—	—
24	49.9	49.3	49.7	49.6	E	0.8	ENE	3.0	NNE	2.0	2.0	—	—	—	—
25	50.3	49.6	47.8	49.2	—	0.0	NE	4.1	E	1.8	2.2	—	—	—	—
26	44.6	41.4	39.0	41.7	SSE	2.5	SW	5.6	SSW	6.4	3.7	—	3.9	0.4	4.3
27	38.1	38.9	42.3	39.8	SSW	3.1	SSE	2.5	NNE	3.3	3.4	—	—	0.0	0.0
28	44.5	45.5	46.4	45.5	NNW	2.7	NNE	2.6	NNE	1.6	2.9	0.2	—	0.0	0.2
29	48.6	48.0	47.5	48.0	NNE	2.2	WNW	2.0	SE	1.2	2.0	—	—	0.3	0.3
30	46.5	46.3	46.7	46.5	—	0.2	NNW	2.5	N	0.5	1.9	—	—	—	—
31	47.4	47.9	48.4	47.9	S	0.6	NNE	3.9	NE	0.5	1.9	—	—	—	—
平均 Mean	48.3	47.9	48.2	48.1		2.8		5.5		3.1	4.1	9.4	13.6	17.6	40.6

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	1.5	21.1	13.7	12.1	21.9	0.0	21.9	75	20	48	48	0 —	0 —	8 c, cs	2.7	12.26	10.6
2	10.6	11.8	8.1	10.2	14.6	8.1	6.5	78	44	73	65	10 sc, n	10 n	0 —	6.7	2.23	4.4
3	3.1	20.7	13.9	12.6	20.8	2.7	18.1	96	37	47	60	0 —	0 —	0 —	0.0	12.49	11.0
4	9.9	20.4	15.7	15.3	21.6	8.0	13.6	62	37	37	45	0 —	10 cs	10 n	6.7	7.18	9.6
5	11.5	15.4	7.8	11.6	16.2	7.8	8.4	93	88	95	92	10 ≡	10 n	10 ≡	10.0	0.00	1.4
6	4.8	8.6	7.6	7.0	11.1	4.5	6.6	91	72	80	81	10 n	10 ≡	9 n, kn	9.7	3.34	3.8
7	4.3	16.7	12.9	11.3	17.5	3.2	14.3	96	50	66	71	0 —	0 —	0 —	0.0	12.45	6.8
8	9.8	20.6	11.4	13.9	21.2	9.1	12.1	79	48	45	57	10 n	10 cs	10 n	10.0	7.81	8.2
9	5.6	14.1	8.7	9.5	16.0	5.4	10.6	58	39	39	45	10 n	0 c	0 —	3.3	10.90	8.3
10	3.6	16.4	8.9	9.6	17.7	3.4	14.3	55	25	50	43	0 —	3 c, k	0 —	1.0	11.38	8.5
11	4.3	19.4	12.9	12.2	20.3	3.7	16.6	73	34	34	47	0 —	5 c, ck	4 c	3.0	8.80	8.9
12	6.0	20.0	15.9	14.0	21.1	5.9	15.2	82	32	64	59	0 —	6 cs	10 n	5.3	8.87	7.2
13	12.6	17.8	13.3	14.6	19.2	11.9	7.3	72	53	85	70	10 n	2 c, k	10 n	7.3	7.76	5.9
14	11.1	10.3	9.3	10.2	14.1	9.3	4.8	88	90	96	91	10 n	10 ≡	10 ≡	10.0	0.00	2.1
15	6.1	14.2	9.5	9.9	14.5	5.7	8.8	88	46	66	67	10 n	0 —	0 —	3.3	12.11	6.2
16	4.0	15.5	9.6	9.7	16.7	3.9	12.8	82	42	73	66	0 —	0 —	0 —	0.0	13.29	6.0
17	7.5	16.4	10.5	11.5	17.1	7.0	10.1	78	31	69	59	10 n, sc	10 c, cs	0 —	6.7	11.20	7.6
18	8.0	21.2	13.7	14.3	22.7	7.4	15.3	70	25	51	49	0 —	0 —	10 n	3.3	11.28	10.7
19	8.9	19.3	15.4	14.5	21.1	8.3	12.8	50	29	42	40	2 c, ck	6 c, cs	10 n	6.0	12.59	9.2
20	13.8	23.8	16.6	18.1	24.1	12.6	11.5	64	35	69	56	10 n	5 sc	10 n	8.3	8.04	12.3
21	10.8	18.9	12.0	13.9	20.1	10.1	10.0	77	27	52	52	2 c	4 c, sk	0 —	2.0	13.61	9.0
22	10.1	22.5	15.6	16.1	23.2	9.6	13.6	57	21	28	35	0 —	0 —	0 —	0.0	10.14	11.3
23	7.8	19.2	14.0	13.7	20.5	7.5	13.0	76	34	57	56	0 —	2 c	2 c	1.3	11.90	7.2
24	9.7	19.5	16.0	15.1	20.7	9.7	11.0	74	34	65	58	9 n, cs	8 ck, sk	9 n, kc	8.7	4.19	6.8
25	11.7	23.4	15.7	16.9	24.0	10.7	13.3	72	29	52	51	0 —	0 —	0 —	0.0	11.27	6.8
26	13.4	18.4	15.0	15.6	19.7	12.4	7.3	58	59	71	63	10 n	0 —	10 n	6.7	5.02	5.4
27	11.3	17.1	13.9	14.1	19.0	11.1	7.9	94	54	85	78	0 —	9 n, kn	8 n, kn	5.7	3.73	5.2
28	11.3	21.1	14.2	15.5	22.6	11.2	11.4	86	42	91	73	0 —	0 —	1 ck	0.3	11.22	6.6
29	10.4	22.0	15.4	15.9	24.1	9.9	14.2	94	39	81	71	2 cs	0 —	9 kn, ck	3.7	11.36	6.8
30	13.2	24.0	18.0	18.4	25.2	12.4	12.8	85	42	59	62	0 —	2 c	6 c, cs	2.7	13.11	8.5
31	13.0	24.2	17.2	18.1	24.5	10.8	13.7	77	36	63	59	7 k, kc	2 k	0 —	3.0	12.47	8.9
平均 Mean	8.7	18.5	13.0	13.4	19.8	7.8	11.9	77	42	62	60	4.3	4.0	5.0	4.4	282.00	231.2

※ 重力ノ更正 Reduction to standard gravity ……— 0.1
海面ヘノ更正 Reduction to mean sea level ……+ 10.5

洮南

TAONAN.

昭和六年五月 MAY, 1931.

日 Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	45.0	40.3	38.4	41.2	SSW	2.3	SSW	9.3	S	9.3	6.4	—	—	—	—
2	44.7	49.5	49.1	47.8	N	1.8	E	2.9	SE	2.3	3.6	—	—	—	—
3	48.7	46.9	47.2	47.6	S	2.9	S	8.6	S	6.2	6.7	—	—	—	—
4	45.4	42.8	43.7	44.0	S	5.5	S	16.9	S	17.5	12.0	—	—	—	—
5	40.9	42.8	48.1	43.9	S	8.0	NNW	9.3	NW	5.1	7.3	—	0.6	2.5	3.1
6	47.0	45.0	46.1	46.0	NW	1.5	W	2.7	WSW	1.9	1.9	—	0.0	0.1	0.1
7	46.4	46.1	43.0	45.2	SW	2.3	ESE	3.6	ESE	7.6	3.7	—	—	—	—
8	38.7	43.3	48.3	43.4	SE	7.3	W	9.3	W	3.8	7.1	—	—	—	—
9	48.2	45.6	47.5	47.1	SSW	2.0	W	9.3	W	4.4	6.0	—	—	—	—
10	47.8	47.4	47.9	47.7	W	4.8	WNW	6.5	ESE	2.5	4.2	—	—	—	—
11	46.1	44.1	43.6	44.6	—	0.0	ENE	5.5	NNE	5.0	4.3	—	—	—	—
12	45.5	45.3	44.3	45.0	NW	3.0	SE	3.3	SSE	6.0	4.0	—	—	0.1	0.1
13	37.6	43.7	46.7	42.7	NW	2.5	NW	6.0	ESE	5.5	4.5	10.0	—	—	10.0
14	46.4	45.8	46.0	46.1	ENE	3.9	NNE	6.4	N	2.9	5.7	0.9	7.2	3.1	11.2
15	45.5	44.6	43.8	44.6	NNW	2.6	NNE	4.4	ENE	4.4	4.1	—	—	—	—
16	43.2	42.9	43.4	43.2	N	3.9	NNE	6.7	NNW	1.4	4.1	—	—	—	—
17	45.2	45.0	44.9	45.0	NNW	4.4	N	1.7	W	5.3	3.2	—	—	—	—
18	44.0	43.1	41.7	42.9	W	2.2	NW	10.3	WNW	3.4	6.3	—	—	—	—
19	44.5	44.1	41.8	43.5	NW	2.9	SE	2.0	SSE	5.6	3.6	—	—	—	—
20	35.2	33.5	41.9	36.9	SSE	6.4	SSW	8.8	S	4.4	8.2	—	—	—	—
21	41.8	40.6	40.7	41.0	SW	4.7	WSW	9.9	SSW	3.6	6.4	—	—	—	—
22	41.0	39.7	44.5	41.7	W	4.4	W	8.8	NW	3.5	5.7	—	—	—	—
23	47.8	48.6	47.2	47.9	W	2.3	NNW	4.3	ENE	3.2	3.0	—	—	—	—
24	47.0	47.3	47.1	47.1	N	2.9	NE	3.7	N	1.9	2.7	—	—	—	—
25	47.8	47.3	44.8	46.6	N	1.9	NNE	4.1	E	3.3	3.4	—	—	—	—
26	40.8	37.0	34.6	37.5	ESE	5.3	S	3.7	ENE	5.4	4.2	—	7.1	4.0	11.1
27	33.9	37.5	40.0	37.1	NNE	5.8	NNE	12.1	WNW	1.1	5.0	2.9	6.6	6.0	15.5
28	41.3	41.9	42.7	42.0	NW	3.8	N	3.7	NNW	0.9	3.2	—	—	0.2	0.2
29	44.1	42.4	42.2	42.9	W	1.3	SW	2.3	WNW	2.6	2.6	—	—	2.4	2.4
30	42.8	42.6	44.2	43.2	W	3.3	WNW	5.3	N	4.3	3.7	—	—	0.2	0.2
31	44.3	44.8	44.4	44.5	W	2.3	NNW	5.8	SE	1.6	2.7	0.0	—	—	0.0
平均 Mean	43.8	43.6	44.2	43.9		3.5		6.4		4.4	4.8	13.8	21.5	18.6	53.9

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 No. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	1.6	22.5	15.1	13.1	22.6	1.3	21.3	63	14	21	33	0 —	7 c	0 —	2.3	13.09	14.9
2	6.9	16.1	9.8	10.9	17.6	6.5	11.1	49	28	35	38	5 s	0 —	1 c	2.0	13.10	9.1
3	1.1	23.1	15.3	13.2	24.1	1.0	23.1	66	28	33	42	0 —	0 —	2 cs	0.7	12.25	17.8
4	10.9	23.0	16.3	16.7	23.9	10.9	13.0	65	39	59	54	5 s	0 —	10 ≋	5.0	6.15	13.2
5	11.9	6.1	4.3	7.4	16.2	4.3	11.9	89	93	89	90	10 n	10 n	10 n	10.0	0.00	1.4
6	3.5	7.4	5.9	5.6	8.7	3.5	5.2	85	66	39	63	10 n	10 n	0 —	6.7	3.27	2.3
7	0.9	14.5	13.2	9.5	17.0	0.4	16.6	96	27	67	63	0 —	4 c	0 —	1.3	12.35	7.8
8	11.3	15.5	6.0	10.9	19.0	6.0	13.0	36	26	34	32	10 s	10 sc	2 c	7.3	8.14	9.9
9	1.1	13.5	6.5	7.0	14.4	0.7	13.7	50	15	32	32	4 c	2 c	0 —	2.0	13.24	10.7
10	2.6	15.3	9.4	9.1	17.0	2.4	14.6	53	20	40	38	2 cs	9 k	0 —	3.7	12.73	6.5
11	4.0	15.9	9.7	9.9	15.9	2.2	13.7	67	32	53	51	10 n	10 n	3 sk	7.7	0.00	7.5
12	2.4	18.7	13.5	11.5	18.9	2.1	16.8	81	30	52	54	0 —	10 cs	10 n	6.7	11.18	7.0
13	9.7	13.1	11.0	11.3	15.8	8.6	7.2	94	70	86	83	10 n	3 k	4 k	5.7	3.81	2.9
14	7.6	5.5	5.5	6.2	11.2	5.4	5.8	92	97	95	95	10 n	10 n	7 sk	9.0	0.00	5.0
15	1.8	13.7	9.0	8.2	15.0	1.6	13.4	90	40	64	65	0 —	0 —	0 —	0.0	13.68	6.1
16	2.7	13.3	10.2	8.7	15.2	2.7	12.5	92	44	67	68	0 —	4 k	0 —	1.3	12.65	7.4
17	5.0	14.5	13.3	10.9	19.1	3.9	15.2	73	61	48	61	6 cs	10 cs	4 sc	6.7	12.35	7.5
18	4.3	16.9	11.3	10.8	20.0	3.4	16.6	74	30	36	47	0 —	8 sk	0 —	2.7	11.56	11.6
19	5.0	18.6	13.7	12.4	19.8	4.8	15.0	62	29	36	42	2 k	6 cs	3 sk	3.7	13.08	11.0
20	12.0	21.6	14.6	16.1	24.6	11.9	12.7	74	29	44	49	9 cs	10 n	0 —	6.3	9.13	12.7
21	9.3	20.2	13.1	14.2	20.9	9.1	11.8	36	18	30	28	0 —	0 —	0 —	0.0	14.17	13.7
22	11.1	20.7	12.9	14.9	21.8	10.8	11.0	46	14	43	34	9 sk	7 sk, k	0 —	5.3	11.49	13.0
23	7.1	19.4	13.9	13.5	20.8	6.0	14.8	78	30	51	53	0 —	4 k	0 —	1.3	13.50	10.9
24	11.5	20.9	15.0	15.8	21.8	9.4	12.4	62	31	53	49	10 sk	9 k	0 —	6.3	5.64	7.5
25	7.7	21.7	15.5	15.0	23.0	7.5	15.5	76	28	46	50	0 —	7 c	6 s	4.3	11.94	9.6
26	14.0	13.6	12.2	13.3	17.6	11.1	6.5	57	83	88	74	10 n	10 n	10 n	10.0	3.15	3.4
27	11.4	12.6	13.5	12.5	15.3	11.0	4.3	96	84	83	88	10 n	10 n	10 n	10.0	1.29	8.0
28	10.4	18.0	13.3	13.9	18.4	10.2	8.2	83	57	77	72	10 n	3 k, kn	0 —	4.3	9.50	5.6
29	9.1	23.8	15.0	16.0	24.9	8.6	16.3	92	39	74	68	0 —	1 c	2 sk	1.0	11.33	7.2
30	10.3	21.6	15.7	15.9	23.3	9.6	13.7	88	41	67	65	0 —	4 k	10 n	4.7	12.30	7.5
31	11.5	21.8	17.4	16.9	23.2	10.6	12.6	81	40	66	62	1 sk	2 k	9 sc	4.0	13.61	8.4
平均 Mean	7.1	16.9	12.0	12.0	18.9	6.0	12.9	72	41	55	56	4.6	5.8	3.3	4.6	289.68	267.1

* 重力ノ更正 Reduction to standard gravity ..... — 0.0
海面ヘノ更正 Reduction to mean sea level ..... + 13.6

哈爾濱

昭和六年五月 **KHARBIN.** MAY, 1931.

日 Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total.
1	46.5	45.2	42.7	44.8	SW	2.3	S	2.9	S	4.7	3.3	—	—	—	—
2	43.9	47.1	50.2	47.1	W	2.6	NW	2.9	—	0.1	3.2	—	—	—	—
3	51.1	49.3	50.8	50.4	S	2.6	SW	6.1	SW	4.9	4.6	—	—	—	—
4	50.5	48.2	46.5	48.4	S	4.1	SSW	9.8	SSW	5.6	6.7	—	—	—	—
5	46.1	43.1	45.9	45.0	SSW	3.5	SW	7.3	NNW	4.7	5.2	3.7	2.8	6.5	13.0
6	46.2	44.1	44.6	45.0	NNW	2.9	WNW	1.5	NNE	1.5	3.2	1.0	—	—	1.0
7	46.7	47.7	48.6	47.7	NNE	0.5	SW	4.1	SSE	1.2	1.9	—	—	—	—
8	43.6	42.7	43.0	43.1	SSW	5.8	W	4.3	WNW	3.3	5.1	—	—	—	—
9	49.3	47.5	46.3	47.7	SW	1.6	SSW	6.1	SW	1.2	3.8	—	—	—	—
10	47.4	48.0	49.7	48.4	S	2.6	NW	5.8	—	0.1	3.2	—	0.0	—	0.0
11	49.2	47.5	47.5	48.1	E	0.6	SE	2.7	E	1.4	1.2	—	—	0.9	0.9
12	45.9	48.3	49.1	47.8	ESE	2.3	ENE	1.8	ESE	1.8	2.7	1.8	0.0	—	1.8
13	43.5	40.5	48.7	44.2	E	3.2	SW	5.5	WNW	3.2	4.0	10.2	9.4	0.2	19.8
14	48.9	46.1	44.9	46.6	ENE	0.5	NE	3.5	NNE	3.8	1.9	—	0.8	1.4	2.2
15	45.0	44.5	44.3	44.6	NNW	2.9	NNE	3.9	NE	2.9	3.4	0.8	—	—	0.8
16	43.3	42.0	41.8	42.4	NE	2.0	NE	4.1	—	0.1	2.5	—	—	—	—
17	44.9	46.4	45.5	45.6	E	0.7	NNW	1.4	—	0.0	1.1	—	—	—	—
18	45.3	40.7	41.3	42.4	SSE	1.2	SSE	8.1	W	1.2	4.3	—	—	0.9	0.9
19	42.5	44.2	44.9	43.9	W	6.3	NNW	5.3	SW	2.6	4.6	—	—	—	—
20	41.3	36.8	38.3	38.8	SE	3.8	SW	10.6	SW	3.4	6.0	—	—	1.1	1.1
21	39.4	41.7	40.8	40.6	WSW	3.5	WSW	10.7	SW	3.2	6.2	—	—	—	—
22	41.0	40.3	43.7	41.7	SW	4.0	W	6.7	NNW	2.8	3.7	—	—	0.0	0.0
23	46.1	47.8	47.9	47.3	NW	1.8	N	4.1	NNW	0.9	2.2	0.1	—	—	0.1
24	48.3	48.3	48.3	48.3	E	0.9	SW	4.2	SSW	4.6	2.4	—	—	—	—
25	49.2	48.4	46.0	47.9	SSW	1.3	ENE	3.5	—	0.0	3.0	—	—	—	—
26	44.4	40.2	38.8	41.1	E	2.6	NE	4.7	SE	2.3	2.4	—	—	13.2	13.2
27	37.7	38.1	39.1	38.3	E	1.2	S	2.6	ENE	0.9	1.8	0.5	0.0	0.1	0.6
28	40.6	41.7	42.7	41.7	—	0.4	NNE	2.3	W	1.5	1.6	0.2	—	—	0.2
29	44.1	43.0	43.3	43.5	—	0.2	WSW	4.6	E	1.2	2.2	—	—	—	—
30	42.9	42.5	43.6	43.0	—	0.2	NE	4.7	WSW	1.8	1.4	3.3	—	0.9	4.2
31	44.2	44.1	44.6	44.3	WSW	0.7	N	2.9	NNE	0.9	2.6	—	—	0.7	0.7
平均 Mean	45.1	44.4	44.9	44.8		2.2		4.8		2.2	3.2	21.6	13.0	25.9	60.5

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	3.2	16.4	11.1	10.2	18.0	2.4	15.6	81	35	52	56	0 —	1 c	9 sc	3.3	11.95	1.0
2	10.4	15.7	8.2	11.4	17.5	8.0	9.5	58	46	70	58	10 sc	5 cs	0 —	5.0	11.20	5.8
3	5.5	18.2	15.4	13.0	22.8	4.4	18.4	88	44	39	57	3 sc	0 —	0 —	1.0	12.55	4.7
4	8.3	20.6	17.1	15.3	22.7	8.3	14.4	67	43	55	55	10 cs, c	10 n	10 n	10.0	8.25	7.4
5	9.1	14.7	6.6	10.1	17.1	6.6	10.5	95	95	95	95	10 n	10 n	10 n	10.0	0.00	8.2
6	2.6	6.7	6.0	5.1	8.8	2.6	6.2	86	70	69	75	10 n	10 n, kn	0 —	6.7	0.00	0.9
7	2.1	11.4	11.2	8.2	13.3	1.3	12.0	94	45	74	64	10 k, n	8 kn, k	0 —	6.0	6.20	1.7
8	9.1	18.2	10.6	12.6	19.2	9.0	10.2	60	45	51	52	5 sc	10 sc	10 n	8.3	7.90	3.7
9	3.4	12.1	6.4	7.3	13.7	2.3	11.4	60	27	51	46	5 ck	8 kn, k	0 —	4.3	10.65	5.6
10	2.4	12.1	5.5	6.7	13.6	1.3	12.3	76	33	75	61	0 —	5 kn, k	2 ck	2.3	9.95	5.4
11	2.9	15.6	9.8	9.4	16.2	1.2	15.0	76	30	72	59	7 ck	10 cs	10 n	9.0	6.65	4.3
12	7.0	13.9	9.7	10.2	15.4	6.9	8.5	93	56	60	70	10 kn, kc	3 k	10 n	7.7	7.90	3.7
13	6.4	12.8	8.4	9.2	14.8	6.3	8.5	97	90	82	90	10 n	10 n, kn	10 n, kn	10.0	0.30	3.0
14	5.6	8.7	7.0	7.1	9.7	5.5	4.2	90	86	95	90	10 sk, n	10 n	10 n	10.0	0.00	1.4
15	4.8	12.8	9.5	9.0	13.2	4.7	8.5	89	49	66	68	9 sk, ck	3 cs	7 cs, sc	6.3	10.70	1.4
16	3.9	14.1	10.6	9.5	15.7	2.6	13.1	84	41	73	66	8 sc	5 k, cs	5 sc	6.0	10.20	4.0
17	6.4	16.6	10.6	11.2	17.6	5.4	12.2	79	35	56	57	4 cs	10 sc, k	0 —	4.7	0.00	4.8
18	7.8	20.2	9.5	12.5	20.4	7.0	13.4	73	23	66	54	9 kc	8 c, cs	0 —	5.7	11.60	5.4
19	6.1	18.6	13.3	12.7	20.1	5.5	14.6	82	34	47	54	10 kn, k	2 k	0 —	4.0	9.70	5.9
20	12.0	26.2	16.4	18.2	26.8	8.7	18.1	51	23	65	46	10 n	10 cs, sc	10 n	10.0	7.10	7.2
21	11.0	18.2	12.2	13.8	19.5	11.0	8.5	72	25	43	47	8 kc	0 —	0 —	2.7	12.00	11.2
22	9.2	20.2	11.8	13.7	21.0	8.4	12.6	62	22	71	52	10 sk, n	4 k, c	8 n	7.3	8.00	9.6
23	6.0	17.3	12.4	11.9	19.3	6.0	13.3	84	41	71	65	2 sk	4 k	0 —	2.0	10.50	6.8
24	6.9	20.4	16.8	14.7	21.3	6.8	14.5	93	37	69	66	4 cs, c	3 k, sc	0 —	2.3	12.25	6.9
25	8.0	19.2	13.1	13.4	20.8	7.9	12.9	92	30	67	63	0 —	3 k	0 —	1.0	13.00	7.8
26	8.1	18.3	11.9	12.8	19.5	7.6	11.9	84	35	88	69	8 sc	10 n, sc	10 n	9.3	1.80	6.2
27	10.4	17.0	14.3	13.9	17.8	10.0	7.8	93	68	53	71	10 sk, n	10 n, kn	6 kc	8.7	0.00	2.9
28	9.1	19.4	12.5	13.7	19.5	8.7	10.8	84	42	83	70	10 n	7 kn, k	4 ck	7.0	8.00	3.0
29	9.4	21.8	14.0	15.1	23.4	9.3	14.1	94	43	76	71	5 sk	1 k	5 ck, sc	3.7	10.10	4.6
30	11.9	18.5	14.8	15.1	22.5	10.7	11.8	88	56	84	76	8 sk, kc	9 kn, k	1 c	6.0	8.10	7.0
31	11.0	21.5	15.5	16.0	22.6	9.6	13.0	92	46	59	66	4 ck	4 k, kn	0 —	2.7	7.90	3.9
平均 Mean	7.1	16.7	11.4	11.7	18.2	6.3	11.9	81	45	67	64	7.1	6.2	4.4	5.9	234.45	156.0

※ 重力ノ更正 Reduction to standard gravity……+ 0.1
海面ヘノ更正 Reduction to mean sea level……+ 13.2

齊々哈爾

昭和六年五月 **TSITSIKHAR.** MAY, 1931.

日 Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total.
1	43.4	38.5	36.3	39.4	SSW	1.2	SSW	10.8	SW	6.2	6.1	—	—	0.0	0.0
2	43.8	46.5	46.5	45.6	N	2.7	N	1.9	SSW	3.1	2.6	—	—	—	—
3	46.7	44.3	44.2	45.1	SSW	6.3	SW	7.3	SSW	4.7	6.1	—	—	—	—
4	43.0	40.8	40.4	41.4	SSW	10.4	SW	7.6	WSW	6.5	8.2	—	0.0	—	0.0
5	40.0	42.8	47.1	43.3	NE	8.9	N	9.3	NNW	3.5	7.2	1.0	0.6	0.0	1.6
6	46.1	43.8	39.5	43.1	N	0.8	NE	4.8	—	0.1	1.9	—	—	—	—
7	44.5	44.7	44.2	44.5	WNW	2.7	ESE	1.1	SE	4.6	2.8	—	—	—	—
8	37.3	40.8	45.1	41.1	S	5.6	NNW	8.4	NNW	8.0	7.0	—	—	—	—
9	44.8	42.4	43.5	43.6	WSW	4.8	WNW	9.3	WNW	0.6	4.0	—	—	—	—
10	45.0	46.4	47.9	46.4	WNW	4.6	NW	4.5	ESE	2.9	3.8	—	—	—	—
11	46.9	44.7	44.6	45.4	NE	2.1	SSE	2.5	S	0.8	2.5	—	—	0.0	0.0
12	45.0	46.2	44.4	45.2	E	1.3	SSW	2.9	SSE	2.7	2.5	—	—	—	—
13	42.6	42.8	46.8	44.1	SE	2.0	SE	3.3	NE	1.8	3.9	0.0	0.7	—	0.7
14	47.5	46.3	45.1	46.3	ENE	1.2	NE	1.5	NE	2.5	1.7	—	—	—	—
15	39.7	44.1	43.5	42.4	N	2.8	NNE	4.6	E	4.2	3.9	—	—	—	—
16	43.7	42.5	43.2	43.1	NE	4.6	ENE	6.4	NE	4.1	5.0	—	—	—	—
17	45.0	43.7	43.1	43.9	NNE	3.7	NNE	1.2	N	2.0	2.3	—	—	0.3	0.3
18	40.3	37.1	38.0	38.5	WSW	1.3	W	2.9	WNW	3.2	5.5	—	0.5	0.7	1.2
19	41.6	42.3	41.4	41.8	NW	2.8	NW	3.0	S	3.6	3.7	—	—	—	—
20	36.8	30.3	34.0	33.7	SE	4.1	W	10.3	W	5.8	6.3	—	0.0	1.9	1.9
21	36.2	35.2	37.2	36.2	WSW	3.6	W	12.5	SW	6.3	8.8	—	—	—	—
22	38.2	39.2	43.8	40.4	WSW	4.9	NW	4.3	WSW	1.9	4.8	—	0.0	0.8	0.8
23	45.8	46.4	46.9	46.4	NW	3.7	N	4.7	NE	0.9	2.5	—	—	—	—
24	47.8	47.2	47.7	47.6	—	0.3	ENE	5.3	E	1.8	1.9	—	—	—	—
25	48.9	46.2	44.5	46.5	NE	3.4	SE	3.0	ENE	2.3	2.6	—	—	—	—
26	41.9	38.2	37.2	39.1	ESE	5.7	ESE	5.4	ESE	5.2	4.9	—	—	—	—
27	37.2	37.3	39.6	38.0	NE	6.0	ENE	5.1	NE	5.7	5.0	—	—	0.0	0.0
28	41.0	40.7	41.9	41.2	NNE	5.8	NW	8.5	W	2.7	4.5	—	—	4.2	4.2
29	41.6	39.7	41.2	40.8	WNW	2.5	WNW	4.3	NW	2.6	3.0	—	—	1.1	1.1
30	41.3	41.7	42.4	41.8	N	3.3	NE	4.1	NW	2.2	3.8	—	—	—	—
31	43.3	43.4	43.1	43.3	NNE	3.5	N	4.7	NE	3.0	3.4	—	—	—	—
平均 Mean	42.8	42.1	42.7	42.6		3.8		5.3		3.4	4.3	1.0	1.8	0.9	11.8

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	2.0	18.8	18.3	13.0	21.3	1.6	19.7	84	69	36	63	6 c	10 c	10 kn	8.7	11.16	11.5
2	5.3	14.0	9.7	9.7	19.5	4.8	14.7	49	79	58	62	4 c	1 c	4 cs	3.0	12.90	12.6
3	7.2	23.1	15.6	15.3	24.0	5.9	18.1	54	22	50	42	5 c	0 —	0 —	1.7	12.40	10.3
4	11.1	20.6	17.4	16.4	24.3	11.1	13.2	62	52	64	59	10 sc	10 cs	10 cs	10.0	2.64	5.9
5	5.6	4.2	3.5	4.4	17.4	3.2	14.2	93	82	78	84	10 n	10 n	10 n	10.0	0.00	3.4
6	1.2	9.3	4.0	4.8	10.1	99.9	10.2	43	34	81	53	10 sk	10 cs, sk	0 —	6.7	5.40	5.3
7	1.5	11.2	8.6	7.1	14.2	0.9	13.3	82	38	58	59	0 ck	8 c	5 ck	4.7	12.65	8.1
8	7.5	13.9	3.4	8.3	15.9	3.2	12.7	76	64	23	54	3 sc	10 cs	0 —	4.3	9.34	9.6
9	1.6	9.9	4.2	5.2	11.2	99.8	11.4	52	20	46	39	0 —	9 kc	0 —	3.0	12.90	7.5
10	0.8	12.3	7.1	6.7	13.2	0.1	13.1	65	31	53	50	1 s	9 kn	1 k	3.7	10.71	7.8
11	2.6	15.4	9.5	9.2	16.1	99.7	16.4	68	24	52	48	1 ck	10 kc, sc	10 kn	7.0	9.00	6.5
12	6.6	15.4	12.7	11.6	16.7	6.2	10.5	75	41	55	57	10 sk	9 kc	10 kc	9.7	0.00	5.0
13	7.4	9.4	7.3	8.0	12.8	7.2	5.6	86	75	77	79	10 n	10 n	1 sk	7.0	0.55	2.9
14	0.4	8.2	6.0	4.9	9.9	0.4	9.5	94	66	69	76	10 kn	10 kn	0 —	6.7	1.75	5.6
15	5.3	13.4	7.4	8.7	15.3	98.8	16.5	67	39	60	55	0 —	6 kc	0 —	2.0	13.40	8.0
16	1.8	16.0	9.8	9.2	16.8	1.1	15.7	79	22	43	48	1 s	4 c	0 —	1.7	11.54	8.8
17	2.0	16.6	13.0	10.5	18.9	0.7	18.2	74	24	53	50	8 cs	5 sc	3 kn	5.3	10.82	5.1
18	7.6	8.0	7.1	7.6	14.7	4.1	10.6	60	60	56	59	9 cs	10 n	0 —	6.3	5.85	8.2
19	4.2	19.0	13.7	12.3	20.7	3.0	17.7	72	34	42	49	0 —	8 c	7 sk	5.0	11.64	9.4
20	11.4	19.6	11.8	14.3	21.6	10.4	11.2	48	55	58	54	10 kn	10 n	3 k	7.7	4.62	9.7
21	10.6	18.2	10.2	13.0	19.5	7.5	12.0	38	18	34	30	0 —	2 ck	0 —	0.7	13.10	11.2
22	6.6	15.9	8.0	10.2	16.2	4.7	11.5	42	35	89	55	1 ck	9 kn	5 kn	5.0	6.45	7.4
23	6.0	19.6	14.7	13.4	20.3	4.1	16.2	84	28	42	51	1 c	3 k	3 cs	2.3	12.95	10.5
24	8.3	20.4	14.0	14.2	21.8	7.3	14.5	57	31	57	48	10 cs	3 ck	2 ck	5.0	13.40	9.7
25	6.9	21.0	15.7	14.5	21.8	5.9	15.9	81	29	49	53	0 —	1 k	10 cs	3.7	12.50	5.8
26	10.4	16.2	13.7	13.4	18.3	10.2	8.1	61	50	51	54	10 sk	10 kn	10 kn	10.0	0.00	8.0
27	11.6	21.0	13.8	15.5	21.8	10.8	11.0	60	33	55	49	10 kn	8 k, kc	3 ck	7.0	4.05	7.5
28	11.1	18.2	11.8	13.7	19.2	11.1	8.1	72	49	81	67	9 ck	10 sc	10 sk	9.7	4.35	7.3
29	8.2	23.4	13.1	14.9	24.7	7.7	17.0	82	36	76	65	5 sc	6 k	4 ck	5.0	10.02	5.7
30	12.0	20.6	13.2	15.3	22.0	9.4	12.6	79	44	76	66	6 sk	3 k	6 cs, sk	5.0	9.10	7.1
31	9.5	22.8	19.2	17.2	24.7	8.9	15.8	81	32	44	52	2 ck	5 k	9 kc	5.3	11.60	9.4
平均 Mean	6.3	16.0	10.9	11.0	18.2	4.8	13.4	68	42	57	56	5.3	7.1	4.4	5.6	256.79	240.8

※ 重力ノ更正 Reduction to standard gravity……+ 0.1
海面ヘノ更正 Reduction to mean sea level……+ 18.5

昭和六年六月二十五日印刷
昭和六年六月二十八日發行

關東廳觀測所
大連市八幡町三十五番地

大連市大山通六十三番地
印刷人　太田信三

大連市大山通六十三番地
印刷所　小林又七支店

昭和六年六月

滿洲氣象表

REPORT

OF THE

METEOROLOGICAL OBSERVATIONS

MADE AT THE

METEOROLOGICAL STATIONS

IN

MANCHURIA.

JUNE, 1931.

PUBLISHED BY THE METEOROLOGICAL OBSERVATORY, DAIREN.

凡　例

本編ハ昭和六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クレバ

觀測時ハ日本西部標準時卽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

氣壓ハ粍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卽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

平均雲量二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, 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 uмoцs 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	V	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	黄道光	⦶	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	黄砂	≈	Yellow dust
朝焼 夕焼	⊤	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) 現象ノ强サ *The intensity of the phenomena*

現象ノ强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　　强雨 $●^2$ 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
强震(弱キ方)	$⦶^{(4)}$	strong	强震	$⦶^{(5)}$	very strong	烈震	$⦶^{(6)}$	disastrous

大　連

昭和六年六月　　**DAIREN.**　　JUNE, 1931.

氣壓* (粍) AIR PRESSURE. (mm) (760 mm +)

Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	50.5	50.6	51.0	49.5	48.9	49.5	50.0
2	48.9	48.5	48.2	46.3	44.2	43.5	46.6
3	43.5	45.3	46.9	47.5	48.3	49.8	46.9
4	50.1	50.4	50.3	48.7	47.2	47.5	49.0
5	46.4	46.6	47.0	46.1	45.5	46.3	46.3
6	46.4	46.8	47.5	47.8	47.9	49.0	47.6
7	49.4	50.1	50.1	49.2	48.2	48.2	49.2
8	47.4	47.9	48.0	47.9	47.6	48.4	47.9
9	48.0	48.3	47.6	46.1	44.1	46.8	46.8
10	45.7	44.7	44.4	43.8	43.9	44.5	44.5
11	44.1	43.4	42.7	41.3	40.3	40.1	42.0
12	39.1	38.6	38.6	38.5	39.3	39.4	38.9
13	39.3	40.6	42.4	43.4	44.1	45.7	42.8
14	45.7	45.4	45.8	44.3	44.4	44.9	45.1
15	45.8	45.7	46.6	46.5	47.3	48.6	46.8
16	49.0	49.8	49.9	49.8	48.4	49.4	49.4
17	48.2	48.6	49.4	49.2	49.4	50.5	49.2
18	50.0	49.6	50.1	49.8	49.0	49.8	49.7
19	50.0	50.0	50.2	49.8	49.1	49.7	49.8
20	48.9	48.4	47.7	46.5	45.8	45.9	47.2
21	45.2	45.1	44.4	43.7	43.4	44.1	44.3
22	44.0	44.3	44.6	44.9	45.0	45.9	44.8
23	45.5	45.4	45.2	44.6	44.1	44.7	44.9
24	43.7	43.8	42.9	43.4	42.5	43.2	43.3
25	44.0	41.5	43.9	43.6	43.7	43.6	43.4
26	43.8	44.8	45.8	45.5	45.0	45.6	45.1
27	44.2	43.8	43.9	43.4	43.3	43.7	43.7
28	43.9	44.8	45.2	44.9	44.7	45.9	44.9
29	46.0	46.1	46.4	45.5	45.4	45.9	45.9
30	45.0	44.8	44.2	43.1	42.0	41.4	43.4
平均 Mean	46.1	46.1	46.4	45.8	45.4	46.0	46.0

風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.

Day	2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h
1	—	0.2	N	1.9	NNW	2.3	S	5.3	S	5.0	S	4.6	3.1
2	S	4.9	S	4.0	S	7.4	S	9.5	S	13.7	S	16.3	8.3
3	S	9.3	SW	4.2	NNW	7.6	NNW	10.4	NNW	7.9	NNW	4.9	8.3
4	NNW	3.4	NW	1.8	NW	4.1	NNW	2.8	SSW	7.1	S	8.6	3.7
5	S	7.4	S	7.9	S	7.0	S	7.1	SSE	7.2	S	7.9	8.4
6	S	7.5	S	7.8	S	8.1	SSE	3.3	SSE	5.0	S	3.8	5.7
7	SSE	0.5	SE	1.9	ENE	3.2	SSE	4.4	SSE	3.2	SSE	2.3	3.0
8	SSE	0.7	N	1.9	SE	3.9	NE	2.8	ESE	3.5	S	1.2	2.0
9	SSE	2.3	SE	1.1	SSE	3.1	S	6.3	S	7.9	WNW	3.4	4.1
10	SSE	3.2	SE	4.2	SSW	7.9	S	5.8	SW	5.0	NNW	1.5	4.8
11	W	2.8	W	3.2	WSW	5.0	S	7.5	S	6.2	S	7.8	5.2
12	SSW	4.4	S	1.9	SSW	4.8	NW	5.3	SSW	4.3	S	5.5	4.7
13	WSW	2.6	NE	2.1	NNW	8.3	NNW	6.5	NNW	3.8	—	0.0	2.7
14	—	0.1	S	1.9	SSE	5.0	SSW	8.5	SSE	7.2	SSE	4.1	5.5
15	SE	3.2	ENE	5.4	SE	6.3	S	5.5	S	2.9	—	0.0	4.8
16	—	0.0	—	0.0	SSE	3.2	SSE	3.6	SSE	3.5	SSE	2.6	2.7
17	S	9.0	SE	1.8	SSE	7.1	SSE	3.2	ENE	4.9	E	5.5	5.2
18	ENE	3.2	E	5.7	ESE	6.0	ESE	7.2	SE	5.7	SSE	5.9	5.2
19	SSE	2.3	SSE	2.0	SE	2.4	S	6.5	S	2.4	SSE	3.2	3.0
20	SSE	1.5	SSE	0.6	NNE	1.8	SSW	4.3	WNW	1.5	WNW	0.7	2.0
21	S	4.7	S	4.0	S	7.2	S	6.7	SSE	4.4	S	10.2	5.0
22	S	6.4	SW	7.3	NNW	6.9	NW	3.9	NW	0.6	SSE	2.8	5.2
23	S	1.9	SSE	4.1	S	6.0	S	4.5	SSE	6.8	S	3.2	4.6
24	SSE	2.1	SSE	5.5	SSE	5.0	SSE	5.8	SSE	5.4	SSE	6.7	4.6
25	S	0.9	S	5.8	SE	1.7	SSE	7.0	ESE	1.8	SE	3.2	4.7
26	SSE	4.0	SSE	2.7	ESE	2.5	SE	6.0	SE	3.0	SSE	3.7	3.7
27	SE	6.8	S	4.8	SE	2.7	SSW	8.5	WNW	1.5	NW	1.5	3.8
28	NW	1.8	SSE	0.8	SE	2.5	NW	3.8	NW	3.5	NW	2.4	2.4
29	NW	2.2	NW	1.7	NE	4.5	S	3.5	S	4.4	S	1.5	2.5
30	S	2.0	S	1.8	SSE	3.2	SSE	6.1	ESE	4.6	ESE	4.4	2.7
平均 Mean		3.4		3.3		4.9		5.7		4.8		4.3	4.4

降水量 (粍) AMOUNT OF PRECIPITATION. (mm)

Day	22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
1	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—
3	0.2	—	—	—	—	—	0.2
4	—	—	—	—	—	—	—
5	—	0.0	0.0	0.0	—	—	0.0
6	—	—	—	—	—	—	—
7	—	0.0	0.0	—	—	—	0.0
8	—	0.0	1.0	0.2	0.1	—	1.3
9	—	—	0.1	—	—	6.0	6.1
10	4.7	—	6.6	12.9	1.5	0.2	25.9
11	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—
14	—	—	—	0.2	0.7	0.1	1.0
15	—	—	1.0	—	—	—	1.0
16	—	—	—	—	0.0	—	0.0
17	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—
23	—	—	—	0.0	—	—	0.0
24	—	—	—	—	—	—	—
25	0.0	5.5	—	—	—	—	5.5
26	—	—	—	—	—	—	—
27	—	2.8	6.6	0.8	—	—	9.6
28	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—
30	—	—	—	—	0.0	0.1	0.1
平均 Mean	4.9	8.3	14.7	14.1	2.3	6.4	50.7

氣溫 (攝氏) AIR TEMPERATURE (°C)

Day	2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range
1	16.0	17.0	24.3	26.3	23.4	18.5	20.9	27.1	14.7	12.4
2	17.4	19.9	23.0	23.6	21.5	17.9	20.6	27.0	15.6	11.4
3	17.9	19.8	23.8	24.1	22.2	19.4	21.2	24.8	15.5	9.3
4	17.7	17.3	23.6	25.9	21.8	17.9	20.7	27.8	16.0	11.8
5	17.8	18.5	21.2	21.5	18.5	16.3	19.0	23.9	16.1	7.8
6	15.3	16.5	21.3	20.5	18.0	17.1	18.1	22.7	14.8	7.9
7	15.5	15.5	18.3	18.6	15.8	14.1	16.2	20.8	14.1	6.7
8	13.7	14.5	16.2	15.6	19.3	14.9	15.7	20.5	13.7	6.8
9	14.1	14.4	16.2	19.6	20.6	16.8	16.9	21.6	14.0	7.6
10	16.5	17.6	14.8	14.5	15.3	12.1	15.1	18.8	12.1	6.7
11	11.5	13.5	18.8	19.7	17.3	15.4	16.0	20.9	10.9	10.0
12	14.5	16.1	20.3	20.7	19.3	14.8	17.6	22.5	13.3	9.2
13	17.4	16.5	18.9	20.1	20.2	16.3	18.2	21.5	14.6	6.9
14	15.6	16.8	19.7	16.8	16.2	16.7	17.0	20.9	14.1	6.8
15	14.9	15.1	16.9	21.3	19.1	15.1	17.1	22.2	14.8	7.4
16	14.9	15.3	18.4	19.6	16.2	16.2	16.8	20.5	14.5	6.0
17	16.8	16.3	19.8	21.2	18.1	16.5	18.1	22.5	15.9	6.6
18	16.0	16.1	17.0	17.9	17.5	16.5	16.8	19.8	15.6	4.2
19	16.1	16.0	18.7	21.5	18.3	15.9	17.8	23.0	15.1	7.9
20	16.3	18.9	26.2	27.1	26.0	21.6	22.7	28.2	15.4	12.8
21	20.1	20.3	26.8	27.5	23.0	20.4	23.0	28.0	17.0	11.0
22	21.8	23.1	20.2	29.3	25.0	19.5	24.2	29.9	18.7	11.2
23	20.2	19.5	24.0	21.5	21.1	19.5	21.0	25.5	18.9	6.6
24	18.7	19.0	22.2	20.5	19.5	18.5	19.7	22.2	18.4	3.8
25	18.7	21.4	24.2	24.4	22.0	19.5	21.7	25.1	18.1	7.0
26	19.8	20.1	24.8	24.0	23.4	19.9	22.0	26.4	19.0	7.4
27	19.5	19.5	20.2	19.4	21.3	19.9	20.0	22.6	18.9	3.7
28	19.6	20.0	24.8	25.7	24.2	21.3	22.6	26.0	18.1	7.9
29	20.0	21.6	25.2	26.6	24.2	20.8	23.1	27.6	19.6	8.0
30	19.7	20.5	26.2	24.1	21.0	20.2	22.0	26.3	19.4	6.9
平均 Mean	17.1	17.9	21.4	22.0	20.3	17.7	19.4	23.9	15.9	8.0

濕度 (百分率) REL. HUMIDITY. (%)

Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	66	65	43	37	35	54	50
2	76	59	41	39	52	63	55
3	63	51	48	44	51	55	52
4	64	74	36	34	40	52	50
5	69	59	52	53	66	83	64
6	89	91	67	62	79	85	79
7	94	100	90	79	96	100	93
8	100	99	94	96	68	100	93
9	100	100	94	79	78	96	91
10	95	80	100	100	92	90	93
11	81	66	58	61	64	69	67
12	63	71	64	48	57	86	65
13	47	75	61	53	53	69	60
14	67	61	53	73	84	68	68
15	96	100	99	71	78	100	91
16	100	100	92	75	98	100	94
17	95	95	83	78	91	96	90
18	98	100	98	94	94	99	97
19	100	100	56	74	87	100	91
20	98	86	49	52	54	59	66
21	64	78	45	43	66	70	61
22	61	56	51	37	55	77	56
23	56	90	67	77	78	88	76
24	95	96	77	86	96	100	92
25	96	65	67	67	82	98	79
26	95	91	68	71	76	98	83
27	99	100	98	98	93	99	98
28	94	96	77	60	57	59	74
29	74	67	58	54	57	70	63
30	89	94	47	56	67	76	72
平均 Mean	83	82	69	65	71	82	75

雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD.

Day	6h	10h	14h	18h	22h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	7 c	0 —	1 k	0 —	0 c	1.6	13.60	10.5
2	0 —	6 c	10 c, cs	2 c, sc	10 sc	5.6	12.80	11.5
3	6 k	7 k	3 k	0 k	0 —	3.2	11.80	11.8
4	2 cs	4 c	10 cs	10 c, sc	0 —	5.2	12.55	10.6
5	10 n	10 sc, ck	9 cs, k, c	4 c, ck	0 —	6.6	9.55	7.6
6	3 s	8 kc	9 sk, sc	10 kc, sk, ck	0 —	6.0	7.30	3.7
7	10 ≡	10 s	10 s	10 ≡	10 ≡	10.0	1.25	2.9
8	10 sk, sc	10 sk, n	10 sk, n	3 sc, sk	10 ≡	8.6	1.85	1.7
9	10 ≡	10 ≡	10 ≡	10 kc, k	10 n	10.0	7.20	7.8
10	10 c, kc, k	10 n	10 n	10 sk, kc	0 —	8.0	1.20	3.3
11	0 —	0 k	0 —	1 kn	0 —	0.2	13.20	7.0
12	3 sk	8 c, k	5 cs, k, c	4 c, sk	0 c	4.0	12.39	6.6
13	10 sk	6 k	0 —	0 kc	0 —	3.2	12.45	8.1
14	0 k	10 sc	10 n	6 kn, sk, kc	5 cs	6.2	6.20	4.1
15	10 ≡	10 sk, s	3 k, kc c	3 ck, kc	10 ≡	7.2	6.50	5.0
16	10 s	4 s, sk	9 sk	10 ≡	10 s	8.6	5.85	5.0
17	6 kc, sk	10 s, c	10 s	10 sk	10 s	9.2	5.45	4.1
18	10 ≡	10 ≡	10 ≡	10 s	10 s	10.0	1.90	3.1
19	10 ≡	9 ck, s	9 sk, s	7 ck, s	0 —	7.0	2.70	5.4
20	2 ck	3 c	10 c	10 c, cs	4 c	5.8	10.90	8.2
21	1 c, k	2 c	5 c	10 c, kc	3 kc	4.2	11.37	10.8
22	10 kc, sc, k	8 ck, c, sk	7 kc, c, sk	5 cs, ck	7 c, ck	7.4	9.90	8.1
23	10 sc, s	8 c, cs	10 sk, kn	10 sc	10 kc	9.6	5.30	5.8
24	4 s, ck	7 s, sk	10 s	10 s	10 ≡	8.2	3.95	5.2
25	10 n, sk, k	10 cs, kn, s	3 kc, c	10 sk, kc	10 kn	8.6	11.20	6.4
26	10 sc, kn	8 c, cs	8 c	2 c	3 s	6.2	12.50	5.5
27	10 kn	10 k, sk	10 sk, s	10 kc, sc	10 ck, k	10.0	0.10	1.4
28	7 cs, ck	9 c, cs, ck	10 cs, k	10 cs, c, sc	3 c	7.8	8.96	5.8
29	10 c, sk, cs	10 sk	10 c, sc, k	10 sc, c	7 ck	9.4	11.20	6.5
30	10 ck	10 c, cs	10 cs	10 n	10 sc	10.0	6.30	3.0
平均 Mean	7.0	7.6	7.7	6.9	5.4	6.9	237.42	186.5

* 重力ノ更正　Reduction to standard gravity……— 0.4
海面ヘノ更正　Reduction to mean sea level……+ 8.5

大　連

昭和六年六月　　DAIREN.　　JUNE, 1931.

日 Day	水蒸氣ノ張力 (粍) TENSION OF VAPOUR. (mm) 2h	6h	10h	14h	18h	22h	平均 Mean	地面溫度 (攝氏) EARTH TEMP. ON THE SURFACE. (°C) 6h	14h	22h	平均 Mean	地中溫度 (攝氏) EARTH TEMPERATURE. (°C) 0.1m	0.2m	0.3m	0.5m	1.0m	2.0m	3.0m	4.0m	5.0m	最低地溫 (攝氏) MIN. TEMP. ON GRASS. (°C)	最高日溫 (攝氏) MAX. TEMP. (BLACK BULB.) (°C)
1	8.9	9.4	9.7	9.4	7.6	8.5	8.9	16.4	45.2	19.8	27.1	21.1	19.9	20.5	19.9	17.0	12.4	10.7	10.3	9.6	11.0	40.9
2	11.2	10.2	8.6	8.5	10.1	9.8	9.7	19.1	36.9	20.3	25.4	21.7	20.5	20.8	20.4	17.4	12.5	10.9	10.5	9.8	14.1	37.1
3	9.6	8.8	10.5	10.0	10.2	9.1	9.7	19.3	39.3	19.3	26.0	21.5	20.5	21.0	20.2	17.4	12.7	11.0	10.7	9.9	14.5	31.2
4	9.6	10.8	7.8	8.4	7.7	7.9	8.7	16.5	39.5	19.0	25.0	22.4	19.9	20.6	20.3	17.0	12.9	11.2	10.7	9.9	13.1	38.3
5	10.4	9.4	9.7	10.2	10.5	11.4	10.3	18.8	37.3	18.7	24.9	21.3	20.5	20.0	20.6	17.6	13.2	11.2	10.6	9.9	14.7	36.0
6	11.5	12.6	12.7	11.2	12.2	12.3	12.1	17.9	32.0	19.0	23.0	21.2	20.0	20.5	20.2	17.9	13.3	11.5	11.9	9.9	13.5	35.0
7	12.3	13.1	14.1	12.5	12.4	12.0	12.7	19.0	39.7	18.5	25.7	20.2	19.8	20.5	20.1	17.9	13.4	11.5	10.8	10.1	13.7	37.9
8	11.7	12.1	12.9	12.7	11.4	12.6	12.2	17.6	19.7	15.8	17.7	19.9	19.5	20.0	19.9	18.3	13.5	11.7	11.0	10.2	13.5	30.7
9	12.0	12.2	12.9	13.4	13.6	13.7	13.0	17.2	22.6	16.2	18.7	18.8	18.2	18.7	17.9	18.5	13.7	11.3	11.1	10.2	13.1	39.2
10	13.3	12.0	12.5	12.3	11.8	9.5	11.9	16.0	16.0	13.1	15.0	19.2	18.9	19.5	19.4	17.7	13.8	12.0	11.2	10.2	10.0	23.9
11	8.2	7.6	9.3	10.3	9.5	8.9	9.0	11.5	30.5	14.5	18.8	16.9	15.6	16.4	17.4	17.4	13.9	12.0	11.2	10.4	9.8	34.2
12	7.7	9.7	11.4	8.7	9.5	10.7	9.6	13.4	31.2	15.6	20.1	18.4	16.4	17.0	17.6	17.3	13.9	12.1	11.5	10.4	10.8	37.8
13	6.9	10.5	10.0	9.4	9.5	9.5	9.3	16.0	29.6	15.2	20.3	18.4	17.5	18.0	18.1	17.0	13.9	12.2	11.5	10.4	13.2	28.0
14	8.8	8.7	9.0	10.5	11.5	9.6	9.7	14.3	19.0	15.0	16.1	19.2	17.3	17.8	18.2	17.4	13.9	12.3	11.7	10.6	11.3	31.8
15	12.1	12.8	14.1	13.5	12.8	12.8	13.0	16.2	28.7	18.4	21.1	17.1	16.6	17.1	17.6	17.1	13.9	12.3	11.6	10.6	14.1	33.0
16	12.6	12.9	14.5	12.7	13.4	13.7	13.3	17.7	32.6	19.6	23.3	20.2	18.4	18.4	18.4	17.2	13.9	12.5	11.9	10.7	14.1	34.9
17	13.5	13.1	14.3	14.6	14.0	13.4	13.8	18.0	29.0	20.4	22.5	21.3	19.4	19.6	19.3	17.4	14.9	12.5	11.7	10.6	15.0	35.8
18	13.2	13.6	14.0	14.4	14.0	13.8	13.8	19.2	26.1	20.0	21.8	21.2	19.9	20.2	19.9	17.7	14.2	12.7	12.0	10.9	15.3	38.1
19	13.6	13.5	13.7	14.2	13.5	13.4	13.7	18.6	36.6	19.7	25.0	20.6	19.6	19.8	19.7	17.9	14.2	12.6	12.0	10.9	13.9	36.9
20	13.5	13.9	12.3	13.8	13.5	11.4	13.1	18.8	38.0	21.3	26.0	22.5	20.6	21.0	20.4	18.2	14.2	12.7	12.0	10.9	13.2	40.1
21	11.2	13.9	11.8	11.8	13.8	12.5	12.5	20.0	41.0	23.1	28.0	24.0	22.1	22.1	21.4	18.6	14.3	12.7	12.1	10.9	13.8	39.6
22	11.8	11.8	12.9	12.4	13.0	13.0	12.5	22.8	42.8	22.7	29.4	25.4	23.4	23.2	22.9	19.1	14.4	13.0	12.1	10.9	18.0	42.4
23	9.8	15.2	15.0	14.7	14.5	14.8	14.0	22.2	32.7	22.7	25.9	24.2	23.3	23.7	22.9	19.6	14.4	12.9	12.2	11.0	17.8	36.8
24	15.2	15.6	15.2	15.5	16.1	15.8	15.6	21.1	31.7	22.8	25.2	24.3	22.4	23.1	22.4	19.9	14.9	13.0	12.3	12.1	17.6	35.6
25	15.4	12.3	15.0	15.2	16.1	16.5	15.1	19.5	34.7	22.5	25.6	23.7	22.3	22.7	22.4	19.9	14.9	13.0	12.3	11.2	17.3	38.4
26	16.3	16.0	15.8	15.7	16.3	16.9	16.2	21.3	37.5	23.7	27.5	25.0	22.8	23.0	22.7	19.9	15.1	13.2	12.4	11.3	18.0	37.5
27	16.7	16.8	17.2	16.4	17.4	17.2	17.0	21.5	21.1	20.0	20.9	22.7	23.0	23.9	23.4	20.2	15.2	13.2	12.4	11.2	18.4	26.2
28	15.9	16.6	17.9	14.8	12.8	11.0	14.8	18.8	28.5	20.2	22.5	23.0	21.0	21.4	21.6	20.3	15.4	13.5	12.5	11.4	17.0	36.5
29	12.8	13.0	13.7	13.9	12.8	12.9	13.2	19.8	35.3	22.0	25.7	22.7	21.3	21.7	21.7	20.1	15.7	13.5	12.6	11.5	17.4	43.2
30	15.2	16.8	12.0	12.6	12.4	13.3	13.7	21.0	31.7	21.0	24.6	24.4	24.5	22.7	22.4	20.2	14.5	13.6	12.7	11.5	17.9	37.1
平均 Mean	12.0	12.5	12.7	12.5	12.5	12.3	12.4	18.3	32.2	19.3	23.3	21.4	20.2	20.5	20.3	18.3	14.0	12.3	11.7	10.6	14.7	35.5

記　事
REMARKS.

日 Day	記事 REMARKS.
1	
2	☾°(ENE)21h00…☾°(NE)22h05…☾1(Z)22h20…☾°(NE)23h00…23h30.●°23h10-23h25. ☔17-22h.
3	☔3.4.11-14.17h.
4	☔24h.
5	⊕1a. ●°5h58-6h03.●°12h25…12h28. -☔-1.3-4.8.16h.
6	
7	♒°1h50-♒13h00-♒°8h30-9h40.●°5h20-6h50.♒°15h30-♒17h15-♒218h17-♒119h53-,9h{…☾1(SE)22h43…☾°(SE)23h05…,●°21h14-●121h25-●°21h50-
8	♉1p. -♒1-♒°2h30-3h28.●°4h46-5h15.●°8h31-●19h16-●°9h32-9h56.●°13h43-14h20.♒°20h25-♒121h15-♒°21h50-♒123h20-
9	{-♒1-♒°0h50-♒12h30-♒24h07-♒19h20-♒°10h30-15h20.T°(NW)20h10…☾2(W)21h00…☾1(Z)21h07…☾1(SW)21h15.☾1(N)21h35…☾°(W)21h38… …☾°(SW)21h45… ☔21h
10	-●°-0h40.…☾°…3h20.T(S)9h13…☾°9h37…☾19h41…☾1(Z)10h08…10h20.☾°(W)10h45…☾2(Z)11h53…☾1(Z)11h59…☾2 12h30…13h50.
11	♉1p. 10h{●°9h30-●19h35-●29h39-●19h44-●°9h50-●112h40-●°13h00-●113h45-●°14h20-15h30.●°19h45-20h30.
12	♾°a.⊕°♉1p.
13	14h{…☾°19h07…☾119h13…☾1(Z)19h20…☾°(ESE)19h25…T°19h40…20h30.●°19h20-20h30.
14	♏°p. ●°11h25…14h58.●°16h58-●117h25-●°17h40-17h50.T1(W)17h10…☾1(Z)17h20…☾1(ENE)17h24…☾°17h29.☾°(W)19h05… ☔13-14.20h.
15	♒°3h30-♒14h00-♒26h03-♒16h10-♒°8h50-10h48.●°6h03-6h08.●°8h32-9h25.♒°21h40-
16	-♒°-4h15.♒°6h28-9h40.●°14h30-14h43.♒°15h30-♒118h40-♒219h00-♒120h40-♒°21h30-22h25. ☔24h.
17	♾°p. ♒°18h24-♒120h40-
18	-♒1-♒°8h25-♒110h00-♒°14h13-15h13.♒°22h10-
19	-♒°-♒14h40-♒25h50-♒16h05-♒°8h35-10h00.♒°19h25-♒120h05-♒°21h40-21h52.
20	♒1♾1a.⊕1p.
21	☔22-23h.
22	♋1p.
23	♉°p. ●°13h50-13h54.
24	♒°6h10-♒16h15-♒°7h03-9h25.♒°13h10-13h50.♒°21h25-♒121h37-♒221h45-♒123h40-
25	♏a. -♒1-♒20h15-♒11h25-1h40.T°(S)0h10…T1(Z)0h40…T°(E)0h55.●°0h52-●11h25-●°1h40-●13h17-●°3h45-●14h20-●°4h30-5h20. ☔4h.
26	⊕°p. 25h{T°(S)19h45…☾°(S)20h04…☾120h52…☾°(SSE)21h18…☾°(SE)23h10.
27	♌1♒1♋1♉°p. T°(S)4h20…T1(S)4h40…☾°4h55…☾15h04…☾1(SE)5h14…☾°(SE)5h30…T°6h03…6h20.●°4h40-●15h05-●°5h25-●17h40-●27h43-
28	♒1♾°⊕2a.⊕°p. 27h{-●17h48-●°7h53-9h10.T°(WSW)7h35…T°(Z)7h43…T°(SE)7h48 T°(SW)9h58…T110h20…T°(SE)13h20…15h46.♒-10h05- -♒110h30-♒°11h15-11h43.●°10h22-12h17.
29	
30	●°16h30…18h05.●°19h20-20h55.

營口

昭和六年六月 **YINGKOW.** JUNE, 1931.

氣壓 ※ (粍) AIR PRESSURE. (mm) (700 mm +)

日 Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	57.4	58.1	58.3	56.8	55.9	56.2	57.1
2	56.0	55.0	53.3	50.6	48.6	49.7	52.[illegible]
3	50.9	53.4	55.4	55.6	56.0	58.3	54.9
4	57.9	57.6	56.9	54.9	53.5	53.3	55.7
5	52.5	52.3	53.0	52.3	52.3	53.1	52.6
6	52.7	53.2	53.8	54.9	56.2	57.1	54.7
7	57.5	57.7	57.7	56.1	55.2	55.4	56.6
8	54.8	55.1	54.8	54.1	55.0	56.1	55.0
9	55.2	55.3	53.8	51.3	51.7	54.0	53.6
10	53.8	53.7	53.0	52.7	51.8	52.2	52.9
11	51.2	49.4	49.4	47.5	46.9	47.5	48.7
12	47.1	46.2	45.6	45.4	46.1	47.0	46.2
13	47.4	48.6	50.4	50.7	50.6	52.5	50.0
14	53.1	53.1	53.1	53.0	53.3	54.5	53.4
15	54.1	53.6	54.7	55.[illegible]	55.0	56.3	54.8
16	56.7	56.9	57.3	57.9	56.0	56.6	56.9
17	56.[illegible]	56.2	57.7	57.6	57.4	58.5	57.3
18	58.6	58.6	58.0	57.4	56.3	57.7	57.8
19	57.8	57.8	57.7	57.3	56.5	57.2	57.4
20	56.5	55.9	55.5	53.4	52.5	52.8	54.4
21	52.2	51.4	50.9	50.1	49.9	50.8	50.9
22	51.1	50.7	52.2	52.0	52.0	52.5	51.8
23	52.6	52.7	52.3	51.2	50.9	51.5	51.9
24	50.8	51.2	50.6	50.2	50.2	51.1	50.7
25	50.3	51.1	51.3	50.4	49.8	51.3	50.7
26	52.2	52.4	53.6	52.5	51.8	52.8	52.6
27	52.5	52.1	55.6	50.4	50.4	51.9	51.5
28	51.5	52.7	53.6	52.6	52.2	53.7	52.7
29	54.5	54.2	54.0	52.4	52.0	53.1	53.4
30	53.0	52.1	51.6	50.0	49.7	49.7	51.0
平均 Mean	53.6	53.6	53.7	52.9	52.5	53.5	53.3

風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.

日 Day	2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24 h.
1	S	1.6	S	0.5	N	1.5	W	2.3	SW	1.5	S	0.9	1.6
2	S	1.8	S	2.3	S	7.2	SSW	8.9	SSW	8.2	SSW	8.0	6.1
3	S	4.1	NNW	2.9	N	5.8	N	8.2	N	5.9	NNE	1.9	5.5
4	NNE	0.6	NE	1.4	S	2.9	SSW	5.8	SSW	6.0	S	5.6	3.4
5	S	4.7	SSE	5.8	SSW	6.1	SW	5.5	SSW	5.4	SSE	1.9	5.3
6	SSE	3.3	SSE	4.4	S	4.7	W	4.2	W	1.2	—	0.2	4.0
7	—	0.0	—	0.0	W	2.5	W	5.0	W	2.9	SW	1.2	2.1
8	SSE	2.3	S	2.9	S	2.3	WSW	3.6	WSW	4.1	SSW	0.9	3.1
9	S	1.3	S	1.8	SSW	4.4	S	7.0	SSE	6.4	ESE	2.9	3.7
10	SSE	3.5	NE	1.8	N	5.9	NE	3.3	NE	4.1	NW	1.3	3.4
11	SW	1.3	SSW	4.4	SSW	6.4	SSW	7.6	SSW	4.7	SE	2.5	4.1
12	—	0.4	SE	1.2	SSE	1.2	W	2.3	S	3.5	SSW	1.5	2.1
13	—	0.1	NW	1.8	N	5.[illegible]	N	4.1	SW	1.8	SW	3.7	2.7
14	S	2.9	S	3.3	S	3.2	W	1.8	SSE	2.3	—	0.0	2.9
15	NE	0.6	NE	1.3	ESE	2.9	E	1.5	SSE	1.5	SSE	1.8	1.5
16	—	0.0	SSE	1.1	SW	3.4	W	6.3	SSW	1.5	SE	1.1	1.8
17	NNE	3.9	ESE	2.3	SE	3.3	SSE	1.8	ESE	1.4	—	0.2	2.3
18	—	0.2	—	0.2	SSE	2.6	SSE	2.9	S	2.7	—	0.0	1.5
19	—	0.0	—	0.2	SSE	2.7	SW	2.4	W	2.9	SSE	1.8	1.6
20	—	0.3	SSW	2.3	S	2.9	SSW	2.8	SW	4.1	S	2.3	2.1
21	SSE	2.1	S	4.9	SSW	5.1	SSW	7.0	SSW	3.9	S	2.5	4.2
22	S	0.6	SSE	2.7	SSW	3.9	SSW	5.3	SSW	3.9	S	2.3	2.6
23	S	1.5	SSW	1.8	S	5.1	SSW	5.3	S	3.5	SSE	1.5	3.9
24	S	3.5	SSE	3.5	S	4.1	SSW	4.7	SW	2.5	S	1.0	3.4
25	S	0.8	SSE	3.7	S	1.5	SW	4.7	SSW	2.9	SSE	0.8	2.2
26	SE	1.2	SE	1.0	SW	3.7	W	3.5	SW	1.4	S	1.2	1.9
27	SE	2.3	NE	0.7	NE	2.3	NW	2.6	W	2.9	WSW	1.6	2.0
28	E	0.7	NE	1.8	NNE	3.3	NNE	4.8	NNE	2.3	—	0.4	2.0
29	—	0.2	NNE	0.5	NNE	2.6	NW	2.9	WNW	3.7	WNW	1.7	1.7
30	SSW	1.2	SSW	0.8	SE	1.1	W	2.9	W	1.2	W	1.2	1.3
平均 Mean		1.6		2.1		3.7		4.4		3.3		1.8	2.9

降水量 (粍) AMOUNT OF PRECIPITATION. (mm)

日 Day	22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
1	—	—	—	—	—	—	—
2	—	—	—	—	—	0.0	0.0
3	0.5	—	0.3	0.0	—	—	0.8
4	—	—	—	—	—	—	—
5	—	0.0	—	—	—	—	0.0
6	—	—	0.0	0.0	0.4	0.1	0.5
7	—	—	—	—	—	—	—
8	—	0.4	—	—	—	—	0.4
9	—	—	—	0.0	—	17.5	17.5
10	0.4	—	8.8	15.6	0.3	1.3	26.4
11	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—
13	0.7	17.1	—	0.0	—	—	17.8
14	—	—	—	—	0.0	0.1	0.1
15	0.3	—	4.4	11.1	0.4	—	16.2
16	—	—	—	0.2	1.9	—	2.1
17	0.1	0.6	—	—	—	—	0.7
18	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—
25	—	—	—	—	2.8	—	2.8
26	—	—	—	—	—	—	—
27	—	0.1	2.8	—	—	—	2.9
28	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—
30	—	—	—	—	—	0.1	0.1
平均 Mean	2.0	18.2	16.3	26.9	5.8	19.1	88.3

氣溫 (攝氏) AIR TEMPERATURE. (°C)

日 Day	2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range
1	15.7	15.8	25.6	28.0	25.5	18.5	21.5	28.6	11.8	16.8
2	18.5	19.9	26.6	26.9	26.7	22.4	23.5	28.3	14.7	13.6
3	20.3	18.5	18.2	22.2	23.0	18.0	20.0	23.3	16.7	6.6
4	14.6	13.3	23.5	25.4	22.4	20.8	20.0	26.0	12.1	13.9
5	19.8	20.4	24.5	26.6	26.6	20.0	22.9	27.5	18.7	8.8
6	17.8	17.6	24.0	21.2	18.7	17.3	19.4	25.5	16.2	9.3
7	16.4	15.3	22.7	24.2	21.2	19.4	19.9	25.2	13.4	11.8
8	18.5	18.5	21.2	24.0	20.7	17.8	20.1	24.5	17.2	7.3
9	15.5	16.2	25.4	28.0	23.0	18.0	21.0	28.0	13.8	14.2
10	18.4	14.7	13.3	11.3	11.7	11.3	13.5	18.6	10.5	8.1
11	11.0	14.8	17.2	19.0	18.2	15.5	16.0	19.8	9.6	10.2
12	12.9	12.9	21.2	22.9	18.5	16.1	17.4	23.2	11.2	12.0
13	15.9	13.7	18.5	21.2	21.0	17.9	18.0	22.8	11.7	11.1
14	16.3	17.1	21.3	23.4	21.3	18.0	19.6	24.7	15.2	9.5
15	16.2	17.2	16.6	17.5	20.5	18.0	17.7	20.8	14.7	6.1
16	15.4	15.3	19.5	19.7	21.2	19.2	18.4	23.5	14.1	9.4
17	18.5	18.0	19.8	22.6	23.6	17.7	20.0	23.8	16.3	7.5
18	16.1	16.1	23.5	26.0	23.7	19.5	20.8	26.3	13.8	12.5
19	17.5	16.3	24.2	24.7	22.5	19.4	20.8	25.8	15.2	10.6
20	17.8	19.2	23.7	26.5	23.5	20.6	21.9	27.4	16.3	11.1
21	19.5	21.8	26.2	27.5	26.3	22.0	23.9	27.9	18.1	9.8
22	20.7	20.6	24.6	25.9	24.3	21.3	22.9	26.8	18.2	8.6
23	20.4	20.1	26.3	27.7	23.8	20.8	23.2	28.3	17.7	10.6
24	20.6	19.5	25.0	25.9	23.3	22.2	22.8	26.6	19.1	7.5
25	20.8	20.5	26.9	27.3	24.1	21.5	23.5	28.1	19.7	8.4
26	19.8	19.8	23.5	27.0	26.9	22.8	23.3	28.8	17.6	11.2
27	21.6	20.8	22.7	28.0	25.7	21.6	23.4	28.9	19.9	9.0
28	19.3	18.9	25.6	28.1	27.5	22.3	23.6	29.3	17.2	12.1
29	20.4	18.6	27.9	31.0	27.4	23.6	24.8	31.8	17.2	14.6
30	20.3	21.0	30.0	29.8	27.2	24.6	25.5	31.5	18.7	12.8
平均 Mean	17.9	17.8	23.0	24.7	23.0	19.6	21.0	26.1	15.6	10.5

濕度 (百分率) REL. HUMIDITY. (%)

日 Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	90	75	36	32	33	69	56
2	72	54	47	35	31	48	48
3	44	72	80	59	46	62	61
4	80	85	38	32	47	49	55
5	53	53	43	48	33	55	48
6	66	72	51	69	89	91	73
7	93	95	70	62	70	83	79
8	90	85	62	55	74	88	76
9	87	87	50	40	55	94	69
10	96	71	92	93	85	92	88
11	92	73	66	52	64	80	71
12	84	95	48	50	64	82	71
13	86	97	62	56	53	68	70
14	73	65	50	52	61	74	63
15	90	91	95	98	75	87	89
16	93	94	79	77	78	82	84
17	76	82	79	68	67	88	77
18	94	95	65	55	65	92	78
19	80	85	56	60	72	88	74
20	87	83	57	53	52	70	67
21	80	66	51	51	54	78	63
22	83	76	58	58	61	73	68
23	80	82	54	51	73	69	68
24	81	83	59	63	75	82	74
25	80	83	50	59	75	88	73
26	90	87	78	66	64	88	79
27	93	95	88	62	72	91	84
28	94	88	49	43	46	74	66
29	90	87	46	44	62	81	68
30	87	87	44	42	55	79	66
平均 Mean	83	81	60	56	62	78	70

雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD.

日 Day	6h	10h	14h	18h	22h	平均 Mean
1	1 c	0 —	0 k	2 c	0 —	0.6
2	5 c	10 c	10 c	8 kc, k	8 kn, k	8.2
3	0 k	10 n, sk	10 sk, k	6 —	0 —	4.0
4	0 —	10 cs	10 cs	10 cs	10 sc	8.0
5	10 n	10 c	7 c	0 —	0 —	5.4
6	10 c, kc, sc	8 k, kn	10 sc, sk	10 n	0 —	7.6
7	10 c	7 cs, k	0 c, k	10 cs	10 cs	7.4
8	10 n	10 sk, kc	2 k, c	10 c, k	0 —	6.4
9	10 c	6 k, c	3 c, k	10 n	10 n	7.8
10	10 sk	10 n	10 n	10 n	3 sk	8.6
11	9 kc	0 k	0 k	2 k, c	2 k	2.6
12	0 —	10 c, kc	10 cs, k	10 c, k	10 c	8.0
13	10 sk, kc	8 k, kc	4 k	0 c	0 —	4.4
14	10 c, cs	10 cs	10 kc	10 n, kn	10 kn, n	10.0
15	10 kn, kc	10 n, kn	10 n	10 cs	10 sc	10.0
16	7 c, ck	10 sk, c	10 n	10 sc, kc, k	7 sk, n	8.8
17	10 sk, kc	10 sk	10 kc, sc	10 sk, kc	0 —	8.0
18	10 c	10 c, k	7 c, k	3 c	0 —	6.0
19	1 c	2 c	0 —	10 c, cs	0 —	2.6
20	2 c	2 c	2 c, k	3 c	0 —	1.8
21	10 c	10 cs, c	10 c	10 cs, sc	4 c	8.8
22	10 c, cs	7 c	10 c	10 c, cs	0 —	7.4
23	7 c	10 c	10 c, k	10 c, k	6 c, k	8.6
24	6 kc, c	1 k	10 kc, sk	10 kc	10 sk	7.4
25	10 sc, cs	7 k, ck	10 c, ck	10 sk, n, k	0 —	7.4
26	0 —	10 sk	10 c	10 c	5 kc, c	7.0
27	10 n, kn	10 kc, k	7 kn, k, c	0 c, k	0 c	5.4
28	10 c	3 c	10 cs, k	10 c, cs	10 c	8.6
29	10 ck	10 c	10 k, c	10 c, k	10 c	10.0
30	10 c	10 cs, c	10 sc, sk	10 n, sk	10 sk	10.0
平均 Mean	7.3	7.7	7.4	7.6	4.5	6.9

日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
13.78	9.2
9.75	11.1
6.82	6.3
11.69	9.5
13.05	10.1
4.40	3.2
12.50	5.9
7.85	6.5
7.38	7.5
0.00	2.5
12.83	6.0
13.43	6.3
9.26	5.3
7.60	4.5
1.07	2.0
10.59	4.0
1.60	3.5
13.37	5.9
13.35	6.8
14.70	8.4
12.96	8.3
13.57	8.3
12.20	7.8
10.12	7.0
8.86	6.1
11.15	5.8
8.54	6.1
14.01	8.1
13.70	7.7
8.69	4.2
298.73	193.9

※ 重力ノ更正 Reduction to standard gravity ····· — 0.3
海面ヘノ更正 Reduction to mean sea level ····· + 0.3

奉天

昭和六年六月 **MUKDEN.** JUNE, 1931.

氣壓 ※ (粍) AIR PRESSURE. (mm) (700 mm +)

日 Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	53.3	54.3	51.3	52.5	51.1	51.6	52.9
2	51.1	50.1	47.7	44.8	44.3	45.5	47.3
3	46.6	48.2	49.5	51.1	52.0	53.4	50.1
4	53.4	53.4	52.3	50.0	48.7	48.8	51.1
5	48.8	48.8	48.5	48.2	48.0	49.0	48.6
6	49.0	48.9	50.0	50.2	51.6	52.5	50.4
7	53.1	54.0	53.8	51.7	50.4	51.4	52.4
8	50.4	50.9	50.4	49.6	50.8	51.9	50.7
9	51.0	51.2	49.6	46.5	47.8	50.0	49.4
10	49.7	49.4	49.4	48.7	47.9	47.1	48.7
11	45.9	45.0	44.5	43.3	43.1	44.1	44.3
12	43.2	43.1	42.7	42.0	42.9	42.8	42.8
13	42.9	44.0	45.4	45.7	46.0	47.2	45.2
14	47.6	48.6	49.3	49.6	49.8	50.4	49.2
15	50.9	51.0	50.9	51.4	51.5	52.3	51.3
16	52.5	52.9	52.8	51.0	51.3	52.0	52.2
17	52.8	52.9	53.7	53.4	53.4	54.5	53.5
18	54.8	51.3	54.0	52.9	51.8	53.8	53.6
19	53.8	53.5	53.5	52.5	51.7	52.4	52.9
20	52.1	51.7	50.5	48.5	47.8	48.5	49.9
21	47.5	46.9	46.4	45.7	45.6	47.1	46.5
22	46.8	47.3	47.5	46.4	46.6	47.7	47.1
23	47.9	48.1	47.6	46.6	46.5	47.4	47.4
24	46.7	47.0	46.6	45.5	45.2	46.4	46.2
25	46.5	47.5	47.5	45.9	46.5	47.8	47.0
26	48.1	48.5	48.8	48.1	47.9	49.4	48.5
27	48.9	49.2	49.1	46.6	46.3	47.4	47.9
28	47.5	48.5	49.4	48.6	48.4	49.6	48.7
29	49.5	50.0	50.1	48.7	48.4	49.1	49.3
30	48.7	48.7	48.3	46.5	45.7	45.7	47.3
平均 Mean	49.4	49.6	49.5	48.4	48.3	49.2	49.1

風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.

日 Day	2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h.
1	N	0.6	NE	1.9	E	1.3	W	3.5	NW	1.0	SSW	2.9	1.7
2	SSW	4.3	SSW	4.4	SW	15.9	SW	18.0	SSE	8.5	ESE	6.7	8.9
3	SSE	3.1	WSW	0.5	N	5.8	N	6.0	NNE	5.6	NNE	1.9	4.6
4	NNE	0.5	ENE	1.9	SW	6.8	WSW	7.4	WSW	9.1	SW	3.4	4.7
5	SW	4.4	S	4.6	SW	11.0	SW	8.2	S	6.9	SSE	5.3	5.5
6	SSE	2.3	SSE	3.4	S	7.0	W	10.6	SW	5.2	SW	3.6	5.5
7	—	0.4	SW	1.6	SE	1.2	SE	1.5	S	2.6	SW	3.6	1.6
8	S	3.6	WSW	1.8	SW	5.4	NW	4.0	SSE	2.1	SSE	2.3	3.4
9	SSE	3.4	SSE	2.6	SSW	8.1	S	12.7	NNE	5.0	ESE	2.2	5.2
10	WSW	1.8	NNE	4.3	E	1.3	W	6.5	N	3.2	ENE	1.3	3.0
11	SW	1.5	SSW	3.3	SSW	7.1	SW	9.5	SW	4.1	SSE	5.4	4.7
12	SSE	2.9	SE	3.5	SSE	5.2	E	2.3	SE	2.2	ESE	2.6	3.4
13	E	1.8	E	0.6	NNW	4.3	NW	4.0	WNW	3.2	SW	4.0	3.0
14	SW	6.0	SW	3.0	SW	9.6	SW	3.3	NNE	1.6	E	2.3	4.4
15	S	2.5	E	2.6	SE	4.0	S	3.0	SSE	3.6	SSE	1.6	3.0
16	SSE	1.6	SSE	2.6	SSW	3.8	W	4.5	SSW	3.2	S	4.9	3.2
17	S	2.4	SSE	3.4	SSW	5.3	WSW	3.0	SW	3.6	SW	2.0	3.4
18	SW	2.7	SSE	1.9	SW	5.0	SW	6.2	SW	6.0	W	2.3	3.7
19	S	0.6	S	0.8	SW	2.9	SW	4.3	W	3.0	W	3.3	2.6
20	SSW	3.0	SSW	2.2	SW	3.4	WSW	5.1	W	3.6	SW	4.1	3.6
21	SSW	4.4	S	3.3	SW	9.9	W	6.8	W	5.3	SSW	1.5	5.3
22	SSE	2.6	SSE	1.8	SW	3.7	W	7.5	ENE	10.0	S	6.8	5.1
23	S	4.0	S	1.9	SSW	9.0	SSW	8.9	SSW	8.4	SSW	4.4	5.3
24	S	2.0	S	3.6	S	8.4	SSW	7.0	SW	5.4	SW	3.9	5.0
25	WSW	2.3	SSE	0.6	E	4.0	SSE	2.6	WSW	7.5	ESE	3.7	2.9
26	ESE	2.7	—	0.3	SW	4.2	W	5.2	SSW	3.6	NE	2.2	3.0
27	SSW	3.5	E	6.5	E	4.0	ENE	8.8	NNW	1.6	—	0.2	3.9
28	—	0.0	NNE	1.0	N	2.0	NNE	3.2	NNE	3.7	—	0.1	1.6
29	—	0.2	NNE	1.2	NNE	1.6	ENE	3.0	NNE	1.1	NNE	1.8	1.3
30	E	2.0	E	2.5	ESE	2.2	ESE	0.7	NE	2.0	E	2.0	2.0
平均 Mean		2.4		2.5		5.5		5.9		4.4		3.1	3.8

降水量 (粍) AMOUNT OF PRECIPITATION. (mm)

日 Day	22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
1	—	—	—	—	—	—	—
2	—	—	—	—	—	0.5	0.5
3	—	0.5	2.8	1.0	0.0	—	4.3
4	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—
6	—	—	0.2	0.0	1.2	—	1.4
7	—	—	—	—	—	—	—
8	—	9.9	0.0	0.1	—	—	10.0
9	—	—	—	—	—	9.8	9.8
10	2.6	0.7	0.9	8.2	8.6	1.2	22.2
11	—	—	0.0	1.0	2.0	—	3.0
12	0.4	—	—	4.4	2.8	—	7.6
13	0.6	0.3	—	0.0	—	—	0.9
14	—	—	—	0.0	0.4	—	0.4
15	0.3	0.7	0.7	0.0	—	—	1.7
16	—	—	—	—	0.0	0.0	0.0
17	—	0.2	—	—	—	—	0.2
18	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—
25	—	1.5	—	—	42.3	0.0	43.8
26	—	—	—	—	—	0.4	0.4
27	0.9	9.0	19.6	0.2	—	1.0	30.7
28	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—
平均 Mean	4.8	22.8	24.2	14.9	57.3	12.9	136.9

氣溫 (攝氏) AIR TEMPERATURE. (°C)

日 Day	2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range
1	12.7	14.3	24.0	28.1	27.4	18.5	20.8	29.4	12.2	17.2
2	16.7	18.9	28.3	31.0	25.7	19.3	23.3	32.0	15.8	16.2
3	17.4	16.7	16.9	19.6	21.3	16.7	18.1	21.6	15.8	5.8
4	11.6	12.5	23.7	29.0	25.9	19.1	20.3	30.1	9.8	20.3
5	17.1	20.2	28.0	29.4	28.0	20.1	23.8	31.1	16.5	14.6
6	15.6	17.8	23.0	23.0	18.1	16.2	19.0	25.4	15.1	10.3
7	14.5	16.6	24.4	28.0	27.2	20.5	21.9	30.1	13.1	17.0
8	18.5	17.9	21.2	24.2	20.7	16.2	19.7	24.6	16.2	8.4
9	14.1	16.6	22.9	26.4	17.7	16.3	19.0	27.0	13.2	13.8
10	16.1	14.9	16.9	12.1	11.8	10.9	13.8	17.3	10.9	6.4
11	10.3	12.0	16.8	19.5	18.1	14.5	15.2	20.8	10.3	10.5
12	12.5	12.0	19.3	16.3	14.2	13.1	14.7	20.9	10.8	10.1
13	12.8	13.3	16.3	19.0	20.7	15.5	16.3	21.6	12.6	9.0
14	14.5	15.2	21.4	22.7	20.8	17.2	18.6	24.5	13.2	11.3
15	16.2	16.8	20.3	19.5	19.6	16.8	18.2	21.6	15.9	5.7
16	16.4	16.7	20.8	23.5	21.6	18.3	19.6	24.2	15.7	8.5
17	16.6	16.8	21.8	24.9	23.8	18.4	20.4	25.6	16.4	9.2
18	16.5	18.4	22.7	25.6	24.0	20.0	21.3	26.8	15.1	11.7
19	17.2	18.5	24.2	27.6	26.6	21.5	22.6	28.5	16.3	12.2
20	18.3	19.2	25.5	30.5	28.5	20.7	23.8	30.8	16.6	14.2
21	19.2	21.1	27.4	29.5	26.9	21.6	24.3	30.2	18.2	12.0
22	19.4	21.4	27.9	31.9	28.5	22.3	25.2	32.8	17.7	15.1
23	19.6	20.4	28.3	30.6	27.0	21.6	24.6	31.0	18.7	12.3
24	18.4	20.0	26.0	28.7	26.4	22.9	23.7	29.0	17.2	11.8
25	20.3	20.1	23.5	29.8	19.3	18.3	21.9	30.2	16.4	13.8
26	17.9	20.6	24.6	27.4	26.4	21.4	23.1	29.2	16.5	12.7
27	20.2	16.7	17.4	24.0	25.0	16.3	19.9	26.2	15.6	10.6
28	15.8	17.0	22.7	25.2	25.0	20.0	21.0	26.2	14.1	12.1
29	17.5	19.2	26.2	28.7	28.5	22.3	23.7	29.8	16.5	13.3
30	20.8	22.7	28.5	30.3	28.0	24.6	25.9	31.0	19.5	11.5
平均 Mean	16.5	17.5	23.0	25.5	23.5	18.7	20.8	27.0	15.1	11.9

濕度 (百分率) REL. HUMIDITY. (%)

日 Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	88	84	44	31	35	58	57
2	59	57	27	24	39	57	44
3	72	90	90	75	61	85	79
4	99	99	45	28	30	58	60
5	59	47	32	31	42	59	45
6	68	63	49	59	99	99	73
7	98	96	62	40	39	75	68
8	91	98	81	60	81	98	85
9	98	92	66	48	73	91	79
10	98	69	90	87	85	99	88
11	100	93	71	59	61	82	78
12	84	83	68	83	89	95	84
13	99	96	76	68	57	87	81
14	94	82	61	61	76	90	77
15	85	87	79	78	76	90	83
16	91	94	78	64	77	88	82
17	95	92	71	61	69	91	80
18	97	86	64	56	60	89	75
19	97	98	60	49	50	82	73
20	95	88	62	41	44	83	69
21	78	69	50	45	53	77	62
22	89	76	49	40	44	56	59
23	65	83	46	41	42	73	58
24	86	78	52	44	52	69	64
25	85	91	74	41	85	88	78
26	92	82	73	58	67	82	76
27	89	91	95	69	65	96	84
28	97	90	62	60	55	91	76
29	97	91	58	46	51	89	72
30	91	77	51	48	56	78	67
平均 Mean	88	84	63	53	60	82	72

雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD.

日 Day	6h	10h	14h	18h	22h	平均 Mean.	日照時數 HOURS OF SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION (mm)
1	7 c, ck	0 c	2 k	5 c	8 c	4.4	13.10	9.1
2	8 ck, c	10 sc	10 sk, sc	10 sk, s	10 s, sk	9.6	6.17	9.5
3	10 n, sk	10 n, sk	10 sk, n	0 k	0 —	6.0	4.05	4.6
4	0 —	5 c, cs	7 c	10 c, cs	0 —	4.4	12.65	11.9
5	8 c	5 c, ck	10 sc, sk, ck	5 sk, k	0 —	5.6	8.78	9.1
6	4 kc, sc, cs	10 ck, kc, sk	10 sk, s	10 s	0 —	6.8	4.90	4.6
7	3 sk	3 sk	5 k, sk	10 c, cs, kn	10 sc	6.2	12.50	7.3
8	10 s	10 sk	8 k, sk	5 k, sk	0 —	6.6	5.61	4.7
9	0 —	8 ck, sk	8 c, k, kn	10 sk, s, kn	10 s	7.2	10.27	7.1
10	10 s, sk	10 n	10 n	10 n	10 s	10.0	0.00	2.4
11	9 s, ck	10 s, k	7 k, sk	6 ck, sk, kn	10 sk, kn	8.4	7.62	5.1
12	10 sk	9 k, sk	10 kn	10 sk, kc	10 sk, s	9.8	4.39	3.0
13	10 s, sk	10 sk, k	10 k, sk	2 k	8 s	8.0	8.32	5.5
14	0 sk	5 ck	10 n, sk	10 sk	10 s	7.0	7.68	5.3
15	10 n	10 n	10 sk, s	10 sk, ck	10 cs	10.0	2.50	3.2
16	10 s, sk	10 sk	10 sk, kn	10 s k, k	3 kn	8.6	6.03	4.6
17	10 sk, s	5 ck, k	7 sk, k	8 c, k	0 —	6.0	6.60	5.9
18	10 c	8 c, sk	10 cs, c	10 s c, c	0 —	7.6	12.70	7.4
19	3 ck	2 ck, k	10 ck, sk	10 ck, cs	2 s	5.4	13.41	6.9
20	8 c	0 sk	10 sc, kn	0 c, k	0 —	3.6	12.52	8.0
21	0 —	10 cs, c	10 cs, sc	10 sc, kn	0 —	6.0	11.43	8.1
22	2 ck	0 —	2 k, c	3 c	0 —	1.4	14.10	11.1
23	10 c, cs	8 ck, c	9 k, c, sk	10 cs, c	10 ck, cs	9.4	12.70	10.1
24	8 ck, cs	9 ck, sk	10 sk, k	10 sk	10 sk	9.4	8.72	9.1
25	10 s, sk	6 sk, k	7 k, sk	10 kn	3 s	7.2	6.07	3.1
26	2 sk	10 sk, s	5 k, sk	6 sk, kn	10 n, kn	6.6	11.32	6.0
27	10 kn	10 n	3 sk	2 kn, sk, k	0 —	5.0	4.60	4.3
28	1 cs	0 sk	10 k, sk	2 c	5 c	3.6	14.00	6.1
29	0 —	1 k, sk	7 k, c	10 c, k	10 c	5.6	14.30	6.9
30	8 c	10 c	10 cs, k	10 sc, k	10 sc, sk	9.6	10.65	5.4
平均 Mean	6.4	6.8	8.2	7.5	5.3	6.8	267.69	195.5

※ 重力ノ更正 Reduction to standard gravity ..... — 0.2
海面ヘノ更正 Reduction to mean sea level ..... + 3.9

長　春

CHANGCHUN.

昭和六年六月　　JUNE, 1931.

日 Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean
1	37.0	38.1	38.1	36.5	35.6	35.6	36.8
2	34.9	34.3	36.4	31.3	30.3	31.2	33.1
3	31.9	33.3	35.0	35.8	36.2	36.5	34.8
4	36.5	36.7	34.3	32.4	33.4	34.1	34.6
5	34.1	35.1	34.1	34.6	34.1	33.9	34.3
6	33.8	33.8	33.2	34.1	33.5	34.2	33.8
7	36.4	38.5	38.8	37.9	36.4	35.4	37.2
8	34.7	33.9	35.1	33.7	33.9	35.7	34.5
9	35.6	35.7	34.0	36.7	30.4	33.1	34.3
10	34.0	34.3	33.9	32.0	31.2	30.8	32.7
11	29.9	28.5	28.7	28.8	29.2	30.1	29.2
12	29.4	29.2	27.5	27.3	26.7	28.6	28.1
13	28.0	28.0	28.7	28.0	28.6	29.8	28.5
14	31.5	33.5	34.0	34.8	35.6	37.0	34.4
15	36.6	36.9	37.5	36.1	36.7	37.6	36.9
16	37.6	37.6	36.9	35.3	35.6	36.7	36.6
17	36.6	37.4	37.2	38.1	37.4	38.5	37.5
18	38.8	38.9	38.9	37.5	35.9	36.7	37.8
19	37.1	37.1	37.2	35.9	35.3	35.5	36.4
20	36.0	36.7	34.7	32.9	31.4	31.4	33.9
21	30.9	30.5	30.2	30.1	31.2	31.7	30.8
22	31.6	31.6	31.4	30.[illegible]	29.4	30.1	30.7
23	30.3	31.1	31.1	30.9	31.3	31.8	31.1
24	31.3	31.1	30.7	29.8	30.1	30.5	30.6
25	30.4	31.5	32.3	32.3	35.7	33.1	32.6
26	32.4	32.6	33.7	32.6	33.2	33.0	33.0
27	32.9	32.8	32.8	31.6	31.7	31.9	32.3
28	32.2	33.0	33.4	32.9	32.8	33.6	33.0
29	33.9	34.3	34.6	33.7	33.3	34.4	34.0
30	34.4	34.4	34.0	32.5	32.0	32.2	33.3
平均 Mean	33.7	34.0	33.9	33.2	32.9	33.5	33.6

日 Day	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h.
1	NNE	0.6	NNE	0.7	NE	0.8	NNW	2.1	WNW	0.6	SSW	2.9	1.2
2	SSW	3.5	SSW	4.1	SSW	5.3	SW	2.3	SSE	4.1	S	4.7	3.3
3	S	2.3	SE	1.3	NE	3.7	N	5.3	N	4.1	NE	1.1	2.6
4	NNW	1.8	WNW	1.8	WSW	2.9	NW	3.2	NNE	5.3	E	0.9	2.4
5	E	0.6	NE	2.1	SE	4.1	S	1.8	E	2.1	SE	1.2	1.6
6	S	1.4	S	2.1	WSW	3.4	W	3.9	—	0.3	NE	4.7	1.9
7	N	1.8	N	0.8	SW	0.9	SW	1.6	ESE	3.7	SE	1.5	1.6
8	S	2.6	W	3.5	SW	1.3	W	1.5	ENE	1.1	ENE	1.2	1.4
9	—	0.3	ESE	1.5	SSW	3.7	SW	3.2	NW	3.2	WSW	2.6	1.7
10	W	1.8	—	0.2	WSW	0.9	SW	0.9	W	1.1	NW	2.5	1.0
11	ENE	1.1	ESE	0.6	WSW	1.5	SW	2.7	SW	1.3	W	0.5	0.9
12	SW	0.7	SW	0.8	S	1.8	S	1.3	—	0.0	—	0.0	0.7
13	—	0.2	W	0.7	WNW	1.2	WNW	1.2	NW	0.5	—	0.4	0.6
14	—	0.1	—	0.1	—	0.0	SW	0.5	—	0.1	—	0.1	0.2
15	—	0.0	—	0.1	—	0.0	SE	2.7	SE	2.3	SW	1.6	1.1
16	WSW	1.1	WSW	1.5	WSW	2.8	SW	1.3	S	1.3	S	1.8	1.3
17	S	1.2	S	1.4	S	1.6	SW	1.2	NE	0.9	E	1.5	1.2
18	SE	1.1	SSW	1.8	SSW	2.9	SW	3.1	S	2.6	W	2.0	1.8
19	W	2.0	S	3.5	WSW	5.8	W	3.5	W	3.9	NW	1.2	3.0
20	W	2.3	W	4.1	W	2.7	NNW	1.8	W	3.6	W	2.3	2.6
21	WSW	2.9	SW	4.7	W	3.2	NW	4.0	WNW	4.1	NNW	0.6	2.7
22	WSW	1.4	S	1.9	SW	3.9	SW	3.2	SW	4.9	SW	3.0	2.4
23	WSW	4.7	S	4.7	WSW	7.6	SW	4.7	SW	2.5	SW	2.7	4.3
24	SW	1.8	SW	3.5	SW	5.8	SW	4.1	S	2.3	SSW	2.3	3.0
25	SSW	3.2	W	0.7	SW	1.9	SW	1.8	SW	0.8	S	1.4	1.4
26	N	2.3	NE	1.5	S	2.9	W	2.0	SW	0.9	SW	2.3	0.9
27	SSW	1.2	SSW	2.2	WSW	4.7	WSW	4.4	NE	1.6	W	2.0	2.2
28	—	0.1	W	0.7	N	2.6	NW	2.0	W	1.3	N	1.1	1.1
29	NW	1.9	W	0.9	N	2.6	NNE	2.0	E	1.1	E	0.6	1.2
30	E	1.3	E	0.8	SSE	2.3	S	1.5	SE	1.2	SSE	1.4	1.1
平均 Mean		1.6		1.8		2.9		2.5		2.1		1.7	1.8

日 Day	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
1	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—
3	—	—	0.0	—	—	—	0.0
4	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—
6	—	—	0.0	0.6	22.1	5.9	28.6
7	0.5	—	—	—	—	—	0.5
8	—	1.1	1.5	0.1	10.4	—	13.1
9	—	—	—	—	7.1	5.6	12.7
10	0.4	—	—	—	10.3	5.0	15.7
11	—	1.8	3.9	0.5	0.3	—	6.5
12	—	—	—	—	—	12.8	12.8
13	0.2	—	0.1	0.0	0.4	1.9	2.6
14	0.6	1.3	—	—	—	1.0	2.9
15	—	—	1.9	0.0	—	—	1.9
16	—	0.3	0.4	0.2	17.6	3.4	21.9
17	3.2	—	—	—	—	—	3.2
18	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—
25	2.4	17.5	2.1	—	—	—	22.0
26	—	—	15.5	0.2	—	—	15.7
27	—	—	—	—	6.5	—	6.5
28	0.1	—	—	0.0	1.2	—	1.3
29	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—
平均 Mean	7.4	22.0	25.4	1.6	75.9	35.6	167.9

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range
1	14.8	13.9	23.2	25.5	25.0	16.5	19.8	27.2	13.5	13.7
2	14.6	14.6	22.7	24.8	22.1	18.6	19.6	25.8	13.6	12.2
3	16.5	16.4	17.1	18.1	20.0	13.6	17.0	20.4	11.8	8.6
4	12.3	12.2	23.8	27.7	21.2	17.8	19.2	28.2	10.8	17.4
5	14.6	15.4	22.5	24.5	22.6	19.6	19.9	25.1	13.3	11.8
6	16.8	16.5	23.4	18.0	16.7	14.4	17.6	24.3	14.0	10.3
7	13.0	13.1	18.0	22.6	22.6	16.0	17.6	23.8	12.5	11.3
8	15.8	16.6	16.9	16.3	19.6	12.8	16.3	20.6	12.4	8.2
9	10.7	13.0	20.8	23.0	15.0	14.0	16.1	23.7	10.2	13.5
10	13.0	10.6	19.1	21.3	12.5	9.8	14.4	22.1	9.2	12.9
11	10.0	10.0	14.0	16.7	15.2	10.9	12.8	18.7	9.3	9.4
12	10.9	10.4	19.7	20.9	18.9	12.8	15.6	22.2	9.0	13.2
13	10.6	12.4	13.8	18.6	15.2	13.2	14.0	19.0	10.2	8.8
14	12.2	11.2	19.3	23.1	17.2	16.1	16.5	23.9	10.2	13.7
15	14.8	14.9	16.6	22.2	21.2	16.6	17.7	22.8	14.3	8.5
16	15.1	16.0	18.5	21.2	16.3	15.9	17.0	22.2	14.3	7.9
17	14.5	15.1	21.0	23.3	25.0	18.6	19.5	25.7	13.7	12.0
18	15.5	16.0	23.9	26.8	25.0	21.8	21.5	27.7	15.5	12.2
19	19.1	19.1	24.2	26.9	28.0	20.4	23.0	26.9	18.5	8.4
20	18.2	18.0	25.4	26.4	26.6	20.3	22.5	29.4	17.2	12.2
21	20.1	19.0	26.0	29.8	25.2	18.0	23.0	30.4	17.5	12.9
22	15.7	16.1	28.9	30.6	29.0	24.5	24.1	32.2	14.5	17.7
23	22.4	21.5	28.7	31.3	29.6	24.5	26.3	31.3	20.7	10.6
24	17.8	19.5	26.5	28.3	25.8	21.5	23.3	30.4	17.8	12.6
25	18.3	17.8	19.4	25.3	23.6	18.2	20.4	26.7	17.5	9.2
26	15.7	17.9	17.7	20.9	19.5	16.4	18.0	24.9	15.0	9.9
27	17.5	16.3	29.1	23.7	16.6	15.6	19.8	25.7	14.5	11.2
28	13.6	15.0	22.3	24.1	22.7	18.7	19.4	25.7	13.6	12.1
29	17.0	18.3	25.8	28.0	23.4	20.4	22.2	29.3	16.5	12.8
30	18.7	19.0	25.1	28.4	25.8	22.4	23.7	30.6	17.4	13.2
平均 Mean	15.3	15.5	21.9	23.9	21.6	17.3	19.3	25.6	14.0	11.6

日 Day	濕度 (百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean
1	99	87	50	18	65	72	69
2	75	76	51	39	55	68	61
3	77	83	84	77	53	85	77
4	93	93	50	19	54	66	6
5	74	80	52	45	39	56	58
6	77	83	52	88	100	100	83
7	99	95	75	63	63	92	81
8	90	88	94	92	76	85	88
9	98	100	66	47	95	100	84
10	100	89	52	59	99	99	83
11	97	100	83	68	77	92	86
12	97	97	61	55	67	100	80
13	100	100	91	73	93	92	92
14	96	97	68	55	94	94	84
15	98	95	93	72	87	93	90
16	98	100	83	80	98	98	93
17	99	96	64	61	58	89	78
18	97	98	71	60	70	87	84
19	95	97	71	53	53	89	76
20	82	93	55	48	48	63	65
21	82	87	54	39	33	65	60
22	75	76	39	40	46	62	56
23	60	65	47	40	44	62	53
24	73	83	60	54	69	82	70
25	100	100	83	61	75	84	84
26	93	97	84	72	91	100	90
27	100	93	40	76	95	96	83
28	97	100	72	73	80	97	87
29	100	91	64	58	55	91	77
30	96	97	57	59	72	84	78
平均 Mean	91	91	66	59	70	85	77

日 Day	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 6h	10h	14h	18h	22h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	0 —	10 c, ck	5 sk	8 sk	10 sc	6.6	12.10	5.5
2	10 kc	10 sc	10 sc	10 sk	10 sk	10.0	1.40	3.5
3	10 sk, c	10 sk	10 sk	0 —	0 —	6.0	5.30	3.0
4	0 —	8 ck	0 c	10 kc, c	10 c	5.6	10.50	7.0
5	10 cs	10 sc	10 sc	6 sk	0 —	7.2	5.27	5.2
6	0 —	10 n	10 n	10 n	10 n	8.0	0.00	2.6
7	10 sc	10 sk	10 sk	10 sk	10 sk	10.0	13.60	2.9
8	10 sk	10 n	10 sk	0 sk	0 —	6.0	0.00	9.9
9	10 c	10 sc	10 sk	10 n	10 n	10.0	3.30	5.1
10	10 sc	1 c	10 sc, sk	10 n	10 s	8.2	7.30	2.7
11	10 n	10 kn	8 sk	10 sk	8 sk	9.2	1.60	5.2
12	0 —	6 sk	3 sk	9 sk, c	10 n	5.6	10.20	4.5
13	10 c, kc	10 sc	10 s, sk	10 s	10 s	10.0	3.10	4.2
14	10 sk	10 kn	10 kn	10 kn	10 kc	10.0	6.90	2.5
15	10 sk	10 n	10 sk	10 sk	10 sk	10.6	5.10	4.2
16	10 s	10 sc	10 sc, kn	10 kn	5 sk	9.0	2.20	4.1
17	10 c, sc	0 k	0 sk	6 sk	0 —	3.2	10.80	4.2
18	2 sk	10 sk	4 k	0 k	7 sk	4.6	13.20	6.5
19	10 cs	10 kc	2 k	10 sk	10 sk	8.4	11.40	6.5
20	10 sk	0 —	10 sk	1 c, sk	0 —	4.2	10.70	8.1
21	7 c, sk	0 sk	2 sk	0 —	0 —	1.8	13.40	8.0
22	0 —	10 c	10 sk	10 c	0 —	6.0	12.90	10.9
23	2 c	0 c	0 k	0 cs	0 —	0.4	13.90	11.1
24	0 —	10 c, ck	10 c, sc	10 kn	0 sk	6.0	11.45	6.5
25	10 n	10 sk	4 sk	10 cs	10 cs	8.8	5.80	6.0
26	10 s	10 sk	0 sc	4 c	0 —	6.6	3.80	4.4
27	9 c	10 sk	10 kn	10 sk	10 s	9.8	3.20	5.1
28	10 s	6 c, sk	10 sk	10 sc	0 —	7.2	7.50	5.2
29	0 —	5 k	4 k	0 —	0 —	1.8	13.00	6.7
30	0 —	10 c, k	10 c	10 c	10 c	8.0	11.60	6.3
平均 Mean	6.7	7.9	7.4	7.1	5.7	6.9	235.52	167.6

※ 重力ノ更正　Reduction to standard gravity ……— 0.1
海面ヘノ更正　Reduction to mean sea level ……+ 18.7

旅順

昭和六年六月 RYOJUN. JUNE, 1931.

日 Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	51.7	51.9	50.5	51.4	W	4.2	SSE	2.9	SSE	2.1	2.8	—	—	—	—
2	50.2	48.3	46.0	48.2	S	1.8	SE	3.1	S	5.0	3.5	—	—	—	—
3	46.4	49.0	51.0	48.8	S	2.1	N	4.2	NE	3.5	3.9	—	—	—	—
4	51.8	51.0	48.8	50.5	NW	1.1	WNW	5.3	WSW	1.1	3.1	—	—	—	—
5	48.0	47.7	47.9	47.9	SE	1.8	SE	3.5	SSE	3.2	3.0	—	—	—	—
6	47.6	48.5	49.6	48.6	SE	4.1	SSE	4.1	ESE	1.9	2.2	—	—	—	—
7	50.7	50.5	49.7	50.2	ESE	3.2	ESE	4.0	SE	1.8	2.8	—	—	—	—
8	49.2	49.5	49.6	49.4	E	2.3	SE	0.8	—	0.4	1.4	—	1.9	—	1.9
9	49.5	48.2	46.7	48.1	SE	1.2	SSE	3.3	W	4.3	2.7	—	—	0.0	0.0
10	46.7	45.1	46.7	46.[illegible]	ESE	2.9	SE	0.9	NE	2.6	3.0	15.0	17.5	4.2	36.7
11	45.3	42.9	41.8	43.3	WNW	0.9	WSW	9.9	SSE	1.1	4.3	—	—	—	—
12	40.0	40.5	40.9	40.5	SW	1.8	W	6.8	SW	1.3	4.0	—	—	—	—
13	41.6	45.2	47.0	44.6	WNW	2.2	N	4.2	WNW	3.4	3.3	—	—	—	—
14	46.8	45.3	45.0	45.7	S	1.2	ESE	9.4	ESE	8.8	5.0	—	0.0	1.1	1.1
15	45.8	47.7	49.3	47.6	ESE	4.1	SSE	2.8	—	0.0	2.5	—	2.1	—	2.1
16	50.7	51.6	48.9	50.4	ESE	0.9	SSE	3.3	SE	3.2	2.5	—	—	—	—
17	48.9	50.4	50.8	50.0	S	4.1	SE	2.6	SE	0.7	2.5	—	—	—	—
18	50.6	50.9	50.7	50.7	ESE	1.8	ESE	4.0	ESE	2.6	3.5	—	—	—	—
19	50.8	51.4	51.3	51.2	ESE	1.6	SSE	4.1	SSE	0.7	2.0	—	—	—	—
20	48.5	47.1	46.6	47.4	SSW	0.7	W	6.3	WSW	0.8	2.3	—	—	—	—
21	45.7	45.4	45.6	45.6	—	0.0	SSW	2.1	SSE	1.8	1.4	—	—	—	—
22	46.[illegible]	46.8	46.7	46.8	WSW	4.6	W	5.3	SW	1.3	3.7	—	—	—	—
23	46.3	45.8	45.1	45.7	S	1.2	SSE	2.5	SSE	0.8	1.9	—	—	0.4	0.4
24	45.0	44.8	44.5	44.8	SE	1.2	SE	3.5	ESE	3.9	2.7	—	—	—	—
25	42.7	45.0	45.3	44.3	SE	3.0	SSE	4.1	E	0.9	2.7	9.1	—	0.7	9.8
26	45.8	46.4	46.5	46.2	ESE	1.2	SE	3.6	ESE	3.3	2.6	—	—	—	—
27	44.0	45.3	45.1	44.8	ESE	3.5	SSW	2.2	N	2.9	2.7	5.6	30.9	3.8	40.3
28	45.9	46.3	47.2	46.5	E	0.5	NNW	2.9	NNW	2.1	1.6	—	—	—	—
29	47.4	47.4	46.7	47.2	N	2.9	SE	1.3	—	0.1	1.7	—	—	—	—
30	46.2	44.7	42.9	44.6	—	0.0	ESE	2.1	E	4.1	2.4	—	—	0.4	0.4
平均 Mean	47.2	47.4	47.1	47.2		2.1		3.8		2.3	2.8	29.7	52.4	10.6	92.7

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION
1	16.2	23.2	17.5	19.0	25.8	14.9	10.9	70	54	63	62	1 ck, c	0 —	0 —	0.3	13.80	6.7
2	15.2	21.0	21.0	19.1	28.8	14.1	14.7	86	48	62	65	0 —	10 cs	6 k	5.3	12.78	8.8
3	18.0	24.2	20.3	20.8	25.1	15.2	9.9	56	48	56	53	9 k	1 kc	0 —	3.3	12.45	8.7
4	15.1	25.7	18.1	19.6	27.2	13.6	13.6	80	36	77	64	0 —	0 —	0 —	0.0	13.10	7.2
5	16.6	21.0	16.7	18.1	23.5	14.7	8.8	69	56	76	67	10 sk	10 kc, sk	0 —	6.7	8.82	5.8
6	15.6	23.4	17.8	18.9	24.2	13.7	10.5	82	58	80	73	3 c	3 ck	7 ck	4.3	10.95	4.6
7	16.1	20.2	15.2	17.2	22.0	13.6	8.4	99	76	95	90	10 s	10 sc, s	10 ≡	10.0	4.00	3.9
8	17.0	17.4	15.4	16.6	22.9	13.2	9.7	88	93	99	93	10 sk	10 ≡	10 ≡	10.0	3.80	2.2
9	14.6	19.4	17.5	17.2	21.4	12.7	8.7	100	81	82	88	10 ≡	10 ≡	10 kn	10.0	5.05	5.7
10	16.5	14.8	11.8	14.4	18.6	11.1	7.5	85	100	94	93	9 c, kc	10 kn	0 sk	6.3	0.15	2.7
11	10.6	20.2	15.0	15.3	23.0	9.7	13.3	97	60	82	80	0 —	0 —	0 —	0.0	13.90	6.8
12	14.0	19.5	16.7	16.7	21.4	11.5	9.9	81	57	68	69	1 sk	2 c	4 c	2.3	13.93	7.2
13	17.2	20.0	15.0	17.4	22.3	12.9	9.4	69	58	76	68	8 kc, sk	0 —	0 —	2.7	13.00	7.2
14	14.0	17.4	16.1	15.8	21.3	12.7	8.6	74	76	76	75	0 kc	10 sk	10 sk	6.7	5.50	2.5
15	16.0	19.6	15.3	17.0	23.9	13.7	10.2	96	77	100	91	10 sk	4 ck, s	10 ≡	8.0	9.50	4.3
16	15.0	20.2	16.3	17.2	21.2	13.7	7.5	100	77	94	90	10 ≡	10 s	10 s	10.0	2.00	4.4
17	18.2	22.2	17.5	19.3	23.2	14.6	8.6	85	75	94	85	0 sk	10 c, cs	10 s	6.7	8.50	4.0
18	17.2	19.2	17.0	17.8	20.5	15.2	5.3	98	81	98	92	10 s	10 s, kc	10 c	10.0	6.20	3.9
19	15.9	19.4	15.4	16.9	22.3	14.3	8.0	98	77	100	92	0 ck, c	10 kc, s	10 ≡	6.7	4.20	5.2
20	16.2	26.0	20.1	20.8	26.3	13.3	13.0	95	50	78	74	0 —	10 c	0 —	3.3	13.90	7.1
21	17.2	27.8	19.1	21.4	29.1	15.0	14.1	88	44	87	73	0 —	4 c	9 ck, c	4.3	12.04	7.2
22	20.0	27.2	18.6	21.9	27.5	17.5	10.0	76	42	91	70	10 sc	8 ck, c	3 s, sk	7.0	8.10	5.9
23	19.0	22.6	18.6	20.1	24.5	17.7	6.8	79	73	94	82	10 k	10 kc, sk	10 sk, s	10.0	3.51	4.1
24	18.4	22.4	18.7	19.8	22.9	16.9	6.0	99	76	95	90	10 s	10 s	10 s	10.0	2.15	4.3
25	19.1	24.6	20.6	21.4	25.6	17.0	8.6	82	66	97	82	10 sk, s	7 c, kc	10 s	9.0	9.70	5.4
26	19.0	25.1	20.3	21.5	26.0	17.9	8.1	99	7[illegible]	97	89	10 c, ck	6 c, cs	8 sk, s	8.0	12.80	1.9
27	19.6	19.6	21.[illegible]	20.1	21.9	18.1	3.8	100	99	85	95	10 kn	10 kn	9 kc, sk	9.7	0.00	2.7
28	18.8	24.4	21.[illegible]	21.6	26.3	17.9	8.4	99	70	63	77	8 ck, kc	10 sk	8 sk	8.7	6.90	5.3
29	21.3	24.2	20.3	21.9	26.7	18.3	8.4	68	71	76	7[illegible]	10 ck	10 sk	10 sk	10.0	3.59	3.6
30	19.2	22.6	20.3	20.7	25.4	18.4	7.0	87	67	68	74	10 c, cs	10 sc	10 n	10.0	5.45	1.1
平均 Mean	16.9	21.8	17.8	18.8	24.0	14.8	9.3	86	67	83	79	6.3	7.2	6.5	6.6	239.77	150.4

※ 重力ノ更正 Reduction to standard gravity…… — 0.4
海面ヘノ更正 Reduction to mean sea level…… + 7.0

鞍山

昭和六年六月 **ANSHAN.** JUNE, 1931.

日 Day	氣壓 ※(粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	55.1	53.9	52.5	53.8	SW	1.5	ENE	2.0	—	0.0	2.9	—	—	—	—
2	51.4	47.1	47.0	48.5	—	0.0	SW	11.6	SW	6.4	7.5	—	—	2.9	2.9
3	49.7	52.3	53.5	51.8	SW	2.4	NE	6.4	E	1.7	3.7	—	2.4	0.0	2.4
4	54.1	52.1	50.1	52.1	SW	2.4	WSW	5.8	SW	4.4	4.7	—	—	—	—
5	49.8	49.1	51.8	50.2	SW	2.4	WSW	6.4	SSW	3.2	3.6	—	—	—	—
6	48.4	51.5	53.6	51.2	NE	1.3	SW	4.1	SE	2.3	3.4	—	—	1.5	1.5
7	54.9	53.1	52.3	53.4	—	0.0	E	2.6	WSW	2.3	1.9	—	—	—	—
8	51.4	50.6	52.4	51.5	W	2.4	SW	3.5	SW	0.7	2.9	11.7	—	3.3	15.0
9	52.5	48.9	50.8	50.7	SW	1.7	SSW	7.6	SSW	4.7	4.7	—	—	10.5	10.5
10	50.8	49.6	48.9	49.8	N	2.8	NNE	2.6	SE	1.8	3.0	13.7	18.7	10.2	42.6
11	45.6	44.8	54.9	48.4	SW	4.0	SW	6.4	SE	2.3	4.3	0.0	—	—	—
12	43.5	43.9	43.9	43.8	S	1.5	SSW	2.3	S	1.7	2.8	—	9.9	3.0	12.9
13	45.5	47.8	49.0	47.4	N	2.0	WNW	4.1	SW	2.9	2.8	1.4	1.1	-	2.5
14	49.4	50.0	50.4	50.0	SW	4.1	WSW	2.7	SSE	2.9	4.0	—	—	0.0	0.0
15	51.4	47.3	52.9	51.0	ESE	2.0	SSW	2.6	—	0.3	1.9	—	3.6	8.9	12.5
16	54.0	52.8	51.6	52.8	—	0.0	WSW	2.9	SW	0.9	2.9	—	—	—	—
17	53.0	54.7	55.2	54.3	SSW	4.7	SW	2.8	SW	1.1	2.9	19.1	0.6	—	19 7
18	55.5	54.2	54.2	54.6	SSE	1.3	SW	2.0	SW	1.8	2.1	—	—	—	—
19	54.2	53.9	53.3	53.8	WSW	1.8	W	2.9	SW	2.1	2.0	—	—	—	—
20	53.1	50.6	50.0	51.2	SW	2.0	W	3.5	WSW	4.0	2.8	—	—	—	—
21	48.3	47.7	48.4	48.1	SW	4.0	WSW	7.0	SSW	2.1	3.9	—	—	—	—
22	47.7	48.3	49.4	48.5	S	1.7	SW	6.4	WSW	4.7	3.5	—	—	—	—
23	49.7	49.6	49.3	49.3	SW	2.3	SW	6.4	SW	2.9	3.5	—	—	—	—
24	48 5	47.4	48.3	48.1	SW	2.1	SSW	5.5	W	1.8	3.2	—	—	—	—
25	47.2	47.3	48.7	47.7	SSE	0.7	WSW	2.9	E	1.7	2.2	—	—	0.6	0.6
26	48.7	49.7	49.3	49.2	SE	2.8	WSW	4.5	SSE	1.8	2.3	—	—	—	—
27	49.9	47.6	48.9	48.8	—	0.0	NE	3.6	ESE	2.9	2.9	0.0	1.8	0.7	2.5
28	48.8	49.4	49.7	49.3	SSE	1.0	NE	3.0	E	2.5	2.3	—	—	—	—
29	51.0	50.6	49.4	50.3	S	1.8	ENE	4.1	ESE	1.7	2.1	—	—	—	—
30	49.9	48.2	46.7	48.3	S	1.1	E	2.7	SSE	1.8	1.5	—	—	—	—
平均 Mean	50.4	49.8	50.5	50.3		1.9		4.4		2.4	3.1	45.9	38.1	41.6	125.6

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	13.3	26.7	20.3	20.1	28.8	12.9	15.9	75	28	46	50	3 cs	0 —	0 —	1.0	12.40	9.8
2	19.5	31.3	20.3	23.7	32.3	18.5	13.8	37	21	58	39	3 cs	9 s	10 sk	7.3	1.20	15.4
3	17.1	17.9	17.9	17.6	21.7	15.5	6.2	76	83	89	83	10 sk	10 sk	0 —	6.7	2.40	4.2
4	12.3	26.8	22.3	20.5	28.7	11.5	17.2	95	31	38	55	0 —	6 cs	0 —	2.0	12.30	12.0
5	18.9	30.4	21.1	23.5	31.1	17.6	13.5	42	28	52	41	5 ck	5 s	0 —	3.3	12.60	11.8
6	17.1	25.3	15.8	19.4	26.1	15.5	10.6	63	47	92	67	9 sk	10 sk	5 sk	8.0	4.90	4.7
7	15.3	27.0	21.2	21.2	28.7	14.8	13.9	93	40	68	67	8 cs	2 s	0 —	3.3	9.20	4.7
8	17.9	25.2	16.8	20.0	25.6	16.7	8.9	92	52	93	79	10 sk	7 sk	0 —	5.7	3.40	4.8
9	14.8	27.1	16.5	19.5	27.5	14.1	13.4	93	44	91	76	2 s	4 ck	10 n	5.3	10.30	5.6
10	13.7	10.7	10.9	11.8	18.0	9.8	8.2	76	84	92	84	10 n	10 n	10 n	10.0	0.00	5.9
11	11.5	19.7	15.9	15.7	21.3	9.8	11.5	87	48	73	69	5 cs	3 k	7 sk	5.0	9.80	2.6
12	13.3	16.1	14.1	14.5	22.0	12.8	9.2	80	62	83	75	0 —	10 n	3 sk	4.3	6.70	7.8
13	13.4	19.3	16.1	16.3	21.5	12.3	9.2	91	63	79	78	10 n	9 sk	0 —	6.3	5.10	2.9
14	15.1	25.4	18.9	19.8	26.0	14.7	11.3	68	44	55	56	2 sk	10 sk	10 n	7.3	8.20	6.1
15	16.5	16.9	15.9	16.4	19.4	15.7	3.7	78	84	93	85	10 sk	10 n	0 —	6.7	0.00	5.4
16	14.1	24.8	18.4	19.1	25.8	12.9	12.9	95	56	85	79	9 sk	10 sk	10 sk	9.7	9.80	2.1
17	17.1	23.3	18.3	19.6	24.6	16.4	8.2	88	62	91	80	10 n	9 sk	3 cs	7.3	5.99	4.3
18	16.5	25.0	20.3	20.6	26.0	14.4	11.6	84	58	83	75	5 cs	9 sk	0 —	4.7	10.85	4.1
19	15.5	26.0	21.7	21.1	28.6	15.1	13.5	93	55	78	75	1 cs	4 cs	0 —	1.7	12.65	6.7
20	17.5	28.1	22.1	22.6	30.2	17.3	12.9	84	51	70	68	2 cs	2 sc	2 ck	2.0	11.03	7.2
21	21.3	30.1	22.8	24.7	30.7	19.2	11.5	58	42	65	55	2 cs	7 cs	2 sc	3.7	9.50	8.6
22	18.2	31.0	23.4	24.2	31.4	17.6	13.8	88	35	47	57	4 cs	3 cs	2 cs	3.0	12.70	8.2
23	18.2	29.6	23.0	23.6	29.8	17.7	12.1	77	42	64	61	2 cs	9 s	2 cs	4.3	11.60	9.7
24	19.3	27.9	22.9	23.4	28.5	18.5	10.0	75	43	65	61	9 sk	8 sk	6 cs	7.7	6.10	9.4
25	19.1	28.4	21.4	23.0	29.7	18.9	10.8	87	44	77	69	9 sk	9 sk	2 cs	6.7	5.60	6.4
26	18.9	27.5	24.1	23.5	30.4	17.1	13.3	87	55	68	70	2 cs	7 k	2 sk	3.7	9.85	5.9
27	20.2	24.8	19.4	21.5	27.3	18.5	8.6	88	66	71	75	9 n	7 ck	2 sk	6.0	5.00	5.4
28	16.1	25.8	21.2	21.0	27.1	15.5	11.6	86	47	71	68	1 cs	7 k	4 cs	4.0	12.40	6.1
29	16.7	28.6	24.2	23.2	30.6	16.0	14.6	88	41	61	63	7 cs	5 cs	7 cs	6.3	12.85	7.0
30	18.7	31.2	26.8	25.6	32.0	18.6	13.4	85	39	61	62	4 cs	1 sk	10 sk	8.0	9.40	8.5
平均 Mean	16.6	25.3	19.8	20.5	27.0	15.5	11.5	80	50	72	67	5.4	7.0	3.6	5.4	243.82	208.3

※ 重力ノ更正 Reduction to standard gravity……— 0.3
海面ヘノ更正 Reduction to mean sea level……+ 3.4

哈爾濱

昭和六年六月 **KHARBIN.** JUNE, 1931.

日 Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean (for 24h.)	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	45.5	44.6	43.8	44.6	—	0.1	SW	1.2	S	3.3	1.2	—	—	—	—
2	41.9	40.4	41.1	41.1	SSW	3.5	S	2.6	E	0.6	2.4	—	—	0.0	0.0
3	42.4	43.7	43.8	43.3	—	0.2	NNE	5.8	E	0.5	2.5	0.3	0.5	—	0.8
4	43.8	42.5	43.8	43.4	—	0.1	W	2.6	E	2.9	1.9	—	—	—	—
5	44.7	43.2	43.7	43.9	ENE	1.2	E	1.6	ENE	2.8	1.9	—	—	—	—
6	43.1	43.1	44.2	43.5	ENE	1.1	ESE	1.2	E	0.8	1.7	—	0.0	0.7	0.7
7	46.4	46.3	45.3	46.0	—	0.4	—	0.2	S	2.0	1.0	—	—	—	—
8	42.4	41.0	43.8	42.4	SE	2.6	SW	2.6	S	1.2	2.2	—	6.7	2.8	9.5
9	44.2	41.7	40.5	42.1	—	0.4	SE	2.6	ESE	0.6	1.4	—	—	18.0	18.0
10	41.5	41.3	38.5	40.4	S	2.0	S	2.3	SE	2.0	2.0	4.1	—	—	4.1
11	37.8	38.2	39.0	38.3	SSE	2.3	SE	5.3	SE	2.0	2.6	5.6	2.3	—	7.9
12	39.4	38.3	37.3	38.3	E	1.2	E	2.5	E	0.9	2.2	—	—	—	—
13	36.0	36.2	38.9	37.0	E	1.8	ENE	1.1	S	1.2	1.6	0.1	11.5	1.6	13.2
14	41.0	43.6	45.3	43.3	S	3.2	SSE	2.3	E	1.8	2.1	4.7	0.4	1.1	6.2
15	46.1	45.1	45.1	45.4	E	1.2	ENE	1.8	SSE	0.9	1.2	—	—	2.9	2.9
16	45.5	44.5	45.0	45.0	S	1.9	S	2.3	S	1.1	2.0	—	—	0.1	0.1
17	45.8	46.0	47.1	46.3	S	1.8	NW	2.0	WSW	0.9	1.5	—	—	—	—
18	45.5	45.6	44.1	45.4	S	3.2	SSW	2.6	S	1.2	2.3	—	—	—	—
19	43.9	42.1	42.8	42.9	—	0.4	W	4.0	—	0.4	3.2	—	—	—	—
20	41.5	40.3	38.3	40.0	WSW	3.3	W	4.1	SW	1.2	2.0	—	—	—	—
21	36.6	38.1	38.7	37.8	NE	0.7	W	3.6	—	0.3	2.0	2.7	—	—	2.7
22	38.5	36.7	36.5	37.2	S	1.6	S	4.1	S	3.6	2.9	—	—	—	—
23	36.1	37.6	37.9	37.2	SSW	0.9	W	2.0	S	2.0	2.7	—	—	—	—
24	38.5	37.6	37.7	37.9	S	1.2	S	4.0	—	0.0	2.4	—	—	0.7	0.7
25	38.3	40.1	40.3	39.6	SE	0.6	SW	2.3	S	0.9	1.3	—	—	—	—
26	40.8	41.2	40.7	40.9	S	1.4	SSE	3.5	SE	2.5	2.0	—	3.2	—	3.2
27	40.6	39.3	40.6	40.2	SSE	3.0	SW	1.8	—	0.1	1.8	—	—	3.6	3.6
28	40.9	40.9	41.1	41.0	—	0.2	NE	0.9	—	0.2	1.2	—	0.4	0.1	0.5
29	42.5	41.6	41.8	42.0	—	0.2	NNE	1.9	W	0.6	1.2	—	—	—	—
30	41.7	40.5	40.6	40.9	—	0.4	NNW	2.3	WSW	1.8	1.6	—	—	—	—
平均 Mean	41.8	41.4	41.6	41.6		1.4		2.6		1.3	1.9	17.5	25.0	31.6	74.1

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	10.2	24.2	18.3	17.6	26.0	9.8	16.2	94	34	57	62	9 sk	0 —	0 —	3.0	9.05	3.9
2	14.2	25.0	17.8	19.0	26.5	14.1	12.4	85	36	68	63	10 sk, n	10 sc, kc	10 n	10.0	3.10	7.2
3	15.2	15.2	14.5	15.0	20.6	14.4	6.2	87	88	68	81	10 n, cs	9 n, sc	9 sc	9.3	4.90	4.2
4	3.0	22.4	13.5	16.3	23.7	12.3	11.4	84	37	72	64	9 sk, sc	3 k	0 —	4.0	8.40	4.4
5	10.8	21.5	16.0	16.1	25.1	8.3	16.8	79	45	67	64	1 ck	0 —	3 k	1.3	13.20	6.5
6	12.6	17.2	13.3	14.4	19.0	11.5	7.5	80	68	86	78	10 sk	10 n	9 n	9.7	0.40	6.4
7	12.2	20.2	15.2	15.9	22.5	9.2	13.3	84	50	81	72	0 —	7 k	0 —	2.3	9.40	5.8
8	11.2	17.2	12.6	13.7	19.8	10.2	9.6	84	95	92	90	10 n	10 kn	0 —	6.7	3.35	3.8
9	9.1	19.0	14.2	14.1	19.2	7.7	11.5	85	55	97	79	8 c, cs	10 n, sk	10 n	9.3	2.10	2.2
10	11.2	20.0	16.2	15.8	21.1	11.2	9.9	90	53	75	73	7 sc, kc	8 sk, kc	10 n	8.3	6.65	2.1
11	12.2	14.0	11.5	12.6	16.5	11.4	5.1	90	80	88	86	10 n	9 n, kc	2 s	7.0	2.15	3.4
12	8.8	16.2	11.8	12.3	19.4	7.9	11.5	94	71	92	86	7 n,ck, sk	9 n, sk	10 sc, cs	8.7	2.90	2.1
13	10.4	11.4	10.2	10.7	13.5	10.2	3.3	94	88	96	93	10 n	10 n	10 n	10.0	0.35	2.4
14	12.2	29.2	16.5	16.3	21.3	10.3	11.0	94	73	88	85	9 n, kc	7 kn, k	10 sk, n	8.7	4.50	0.7
15	14.1	22.3	15.8	17.4	23.2	12.8	10.4	93	59	81	79	8 sc, cs	8 sc, kn	0 —	5.3	2.50	2.6
16	14.8	21.2	16.7	17.6	22.4	13.4	9.0	82	71	93	82	3 kc, c	8 kn, cs	8 n,sk, kc	6.3	4.95	3.3
17	15.0	23.0	19.0	19.0	25.4	14.5	10.9	96	63	70	76	8 s	7 k	0 —	5.0	9.50	2.1
18	16.6	25.9	21.0	21.2	27.3	16.3	11.0	87	47	76	70	2 c	8 k, kn	2 sk	4.0	10.45	5.5
19	18.2	27.2	19.8	21.7	27.4	18.1	9.3	90	36	73	66	9 sk, sc	2 c, k	2 kc	4.3	12.30	5.8
20	16.2	25.3	21.5	21.0	27.4	15.5	11.9	75	41	52	56	1 c	7 cs, k	2 ck, sk	3.3	13.70	8.2
21	16.1	25.8	19.3	20.4	26.5	14.8	11.7	84	47	62	64	1 c	4 c, cs	1 c	2.0	13.10	4.9
22	15.0	29.7	24.7	23.1	30.5	14.9	15.6	68	31	44	48	1 c	9 c	3 cs	4.3	10.60	5.7
23	20.8	29.1	24.2	24.7	32.1	20.7	11.4	71	45	52	56	4 kc	5 k, c	0 —	3.0	9.60	10.0
24	20.8	30.6	22.0	24.5	31.4	19.0	12.4	66	33	78	59	0 —	2 k	4 kc	2.0	12.25	10.6
25	19.4	21.3	19.2	20.0	25.5	19.2	6.3	75	63	73	70	3 kc	10 sc, kn	2 sc, c	5.0	4.65	9.2
26	16.7	17.7	18.2	17.5	24.2	16.0	8.2	87	91	91	90	9 sc, sk	9 n	4 kc	7.3	3.05	3.8
27	14.9	24.9	17.0	18.9	27.3	14.7	12.6	89	53	95	79	0 —	8 kn, k	7 kc, n	5.0	9.40	2.1
28	16.5	23.1	20.1	19.9	25.6	14.5	11.1	95	71	88	85	6 kc, sk	8 kn, k	7 ck, sk	7.0	8.60	4.5
29	17.6	28.2	22.1	22.6	30.2	16.3	13.9	95	47	72	71	0 —	3 k	3 c	2.0	13.20	4.8
30	20.4	30.6	25.6	25.5	32.5	18.1	14.4	66	36	65	56	0 —	3 c, k	7 kn	3.3	14.10	6.6
平均 Mean	14.5	22.3	17.6	18.1	24.4	13.6	10.9	85	57	76	73	5.5	6.8	4.5	5.6	222.40	145.2

※ 重力ノ更正 Reduction to standard gravity ..... + 0.1
海面ヘノ更正 Reduction to mean sea level ..... + 12.8

鄭家屯

昭和六年六月 CHENGCHIATUN. JUNE, 1931.

日 Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	49.8	47.8	45.7	47.8	N	1.1	W	0.6	SW	1.9	1.4	—	—	—	—
2	43.2	40.3	40.0	41.2	S	0.9	SW	4.1	SW	2.7	1.9	—	—	0.1	0.1
3	43.9	47.3	48.6	46.6	NNE	3.3	NE	0.9	NNE	0.5	2.5	—	—	—	—
4	47.5	44.3	44.0	45.3	SSW	0.5	WNW	4.9	ESE	2.9	2.6	—	—	—	—
5	44.4	44.0	44.2	44.2	ESE	2.3	ENE	2.4	SSW	2.0	3.5	—	0.2	—	0.2
6	43.8	44.9	46.9	45.2	SSW	1.8	NNE	3.4	N	2.9	3.7	—	0.5	3.7	4.2
7	49.7	48.2	45.3	47.7	NNW	0.5	SSW	2.3	S	3.2	2.0	0.2	—	—	0.2
8	45.9	46.3	47.2	46.5	SSW	0.9	NNE	5.3	N	1.8	3.4	6.7	1.1	—	7.8
9	46.0	40.6	43.7	43.4	S	1.9	SW	9.1	SSW	2.0	4.0	—	0.5	19.7	20.2
10	44.6	44.1	42.0	43.6	SSW	1.2	SW	1.9	SE	3.0	1.9	—	—	6.2	6.2
11	39.2	38.3	39.6	39.0	SSW	2.0	SSW	5.3	SSE	4.9	3.7	—	1.5	4.7	6.2
12	39.5	38.1	38.6	38.7	ESE	1.2	SSE	1.7	ESE	1.1	2.1	4.2	0.1	3.8	8.1
13	39.4	40.3	41.4	40.4	WNW	1.1	NW	3.1	SW	0.9	2.2	—	0.3	4.5	4.8
14	44.1	39.3	46.7	43.4	NNE	1.2	S	3.5	SE	2.6	1.9	—	—	8.9	8.9
15	47.5	46.9	46.9	47.1	NE	2.5	SSW	4.6	S	2.3	2.0	0.3	5.7	10.1	16.1
16	47.6	46.7	47.2	47.2	WSW	0.6	SSW	3.3	S	2.7	2.3	0.3	—	0.5	0.8
17	47.8	48.9	49.0	48.6	SE	2.0	NNW	1.5	SSE	1.2	1.8	—	—	—	—
18	48.9	47.9	47.8	48.2	S	3.0	SSW	5.6	SSW	3.2	3.7	—	—	—	—
19	48.1	47.5	46.9	47.5	SW	4.8	W	2.9	SW	3.0	3.5	0.3	—	—	0.3
20	46.2	41.1	42.9	44.4	SE	1.6	WNW	3.8	WSW	1.8	2.7	—	—	—	—
21	41.6	41.9	42.2	41.9	NW	0.3	NW	3.2	NNE	0.6	1.7	—	—	—	—
22	41.9	41.2	40.6	41.2	—	0.0	WSW	6.5	SW	4.1	2.8	—	—	—	—
23	41.9	41.5	42.0	41.8	SSW	3.2	WSW	6.4	SW	2.9	4.1	—	—	—	—
24	41.[illegible]	40.1	41.2	41.0	SW	1.7	WSW	8.8	SW	1.8	4.5	—	—	—	—
25	42.3	42.6	43.0	42.6	W	2.6	SSW	3.2	S	1.3	2.3	17.4	—	—	17.4
26	44.8	43.5	44.1	44.1	WNW	2.7	SW	1.6	S	1.8	1.9	3.2	5.8	—	9.0
27	43.3	42.6	43.9	43.3	SW	1.9	SSW	1.8	NE	0.6	1.9	—	—	13.1	13.1
28	44.2	44.6	45.1	44.6	N	1.8	NNE	3.5	N	0.5	2.1	—	—	—	—
29	45.8	45.0	45.1	45.3	—	0.0	NE	1.5	—	0.2	0.9	—	—	—	—
30	44.8	43.6	42.2	43.5	—	0.0	SSE	0.5	—	0.0	0.5	—	—	—	—
平均 Mean	44.6	43.7	44.1	44.2		1.6		3.6		2.0	2.5	32.6	15.7	75.3	123.6

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range.	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	13.7	27.2	20.6	20.5	29.0	12.4	16.6	78	28	47	51	9 n, kc	0 —	8 kc, sc	5.7	11.93	10.2
2	18.1	26.2	20.7	21.7	27.7	15.2	12.5	45	37	57	46	10 n	10 n	4 kn	8.0	0.92	6.4
3	16.2	22.1	15.7	18.0	23.8	15.7	8.1	84	48	61	64	6 c, kc	5 k, c	0 —	3.7	6.42	8.3
4	11.8	29.6	21.2	20.9	31.2	9.6	21.6	80	28	50	53	0 —	0 c	0 —	0.0	11.56	11.7
5	16.8	21.5	19.4	19.2	25.5	16.4	10.1	65	58	52	58	4 c, kc	10 n	0 —	4.7	5.11	5.1
6	15.0	20.1	15.8	17.0	21.6	13.9	7.7	74	72	93	80	4 c	10 ≡	10 ≡	8.0	2.35	2.8
7	12.1	22.6	19.4	18.0	25.8	12.0	13.8	100	50	66	75	10 ≡	2 c	0 —	4.0	7.92	5.9
8	15.3	20.3	14.3	16.6	22.5	14.2	8.3	92	51	53	66	10 ≡	0 c	0 —	3.3	9.55	5.7
9	10.5	25.6	15.3	17.1	25.7	8.3	17.4	85	52	93	77	2 c	9 n, kn, c	9 n	6.7	4.19	6.8
10	7.8	18.1	10.5	12.1	18.3	7.5	10.8	92	42	86	73	2 sk	10 n	10 n	7.3	6.18	2.1
11	9.7	16.0	12.3	12.7	16.7	9.3	7.4	92	73	85	85	10 n	10 n, kn	10 n	10.0	3.46	5.2
12	10.9	17.2	11.9	13.3	19.5	9.9	9.6	94	69	95	86	8 k, kc	10 n	2 k	6.7	7.61	2.6
13	11.3	17.6	14.6	14.5	19.2	10.8	8.4	97	68	93	86	10 n	3 c, k	6 n	6.3	3.59	3.6
14	12.1	20.4	15.6	16.0	21.4	10.5	10.9	99	68	88	85	10 n	9 k, kn	10 n	9.7	6.45	3.1
15	15.6	20.8	17.8	18.1	22.7	14.9	7.8	93	72	90	85	10 n	8 c, ck	10 n	9.3	4.47	3.4
16	15.4	22.2	17.8	18.5	22.4	15.2	7.2	95	76	88	86	9 kn	8 cs, k	0 —	5.7	5.49	4.2
17	15.3	24.1	20.2	19.9	25.1	14.4	10.7	95	55	81	77	0 —	3 c, k	0 —	1.0	12.52	5.5
18	16.7	26.1	21.4	21.4	26.8	15.5	11.3	85	60	76	74	10 n	1 c	10 n	7.0	12.25	6.7
19	18.5	27.0	21.6	22.4	28.7	18.3	10.4	90	47	76	71	10 n, kn	2 k, cs	0 —	4.0	10.39	6.8
20	17.6	28.9	22.8	23.1	30.0	16.8	13.2	92	29	67	63	0 —	2 k	0 —	0.7	13.69	8.2
21	18.2	23.1	21.5	22.9	28.4	17.4	11.0	88	32	61	60	0 —	0 —	0 —	0.0	13.86	8.5
22	17.5	30.2	25.1	24.3	31.5	15.8	15.7	80	43	54	59	0 —	0 —	0 —	0.0	13.73	10.0
23	19.0	29.7	23.3	24.0	30.4	18.2	12.2	78	43	59	60	0 —	0 c	0 —	0.0	14.08	10.8
24	19.7	28.7	23.4	23.9	29.0	18.8	10.2	79	44	62	62	0 —	0 c	10 n, kn	3.3	10.80	8.6
25	17.7	25.5	21.1	21.4	26.3	17.3	9.0	91	66	84	80	8 s, n	2 c	0 —	3.3	11.21	6.0
26	17.2	23.9	19.4	20.2	25.5	15.2	10.3	92	69	86	82	10 n	5 c, kn	0 —	5.0	8.58	4.9
27	17.4	22.6	17.3	19.1	23.6	16.8	6.8	86	73	86	82	1 kc	10 n	0 —	3.7	4.39	6.2
28	15.5	25.1	21.3	20.6	26.2	14.3	11.9	89	55	77	74	0 —	0 c	0 —	0.0	13.33	6.6
29	19.5	28.4	24.0	21.0	29.2	17.5	11.7	80	49	74	68	0 —	1 k	0 —	0.3	14.06	6.5
30	20.2	24.3	24.3	24.3	29.4	18.7	10.7	88	45	64	66	0 —	4 cs	10 n	4.7	9.84	5.7
平均 Mean	15.4	24.1	19.0	19.5	25.5	14.4	11.1	83	54	74	71	5.1	4.5	3.6	4.4	260.84	188.1

※ 重力ノ更正 Reduction to standard gravity ……— 0.1
海面ヘノ更正 Reduction to mean sea level ……+ 10.2

洮南

昭和六年六月 TAONAN. JUNE, 1931.

日 Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	44.1	42.6	40.2	42.3	SSE	3.0	N	1.0	E	4.7	2.7	—	—	—	—
2	36.0	34.3	39.9	36.7	SE	5.5	S	2.6	N	12.8	5.8	—	—	0.0	0.0
3	43.8	44.9	44.2	44.3	NNW	8.6	N	7.0	SE	3.1	6.9	1.1	—	—	1.1
4	41.4	39.3	40.5	40.4	SW	1.2	NNE	3.2	ENE	3.8	3.6	—	—	—	—
5	40.7	40.9	40.0	40.5	ENE	4.3	E	4.4	E	3.7	8.5	—	—	—	—
6	39.2	41.4	43.6	41.4	N	5.0	N	4.1	N	0.6	2.8	—	16.7	—	16.7
7	44.9	43.1	41.2	43.1	W	1.2	SSE	3.2	SE	2.6	1.5	—	—	—	—
8	42.0	42.4	41.4	41.9	NW	5.5	W	4.4	ESE	4.6	3.4	—	—	—	—
9	40.9	38.9	38.9	39.3	NNW	3.2	W	4.7	SW	3.9	4.6	1.7	2.6	—	4.3
10	38.8	37.6	37.3	37.9	S	4.2	SSW	8.8	SSE	9.9	6.1	—	—	—	—
11	35.0	34.1	35.1	34.7	E	3.8	E	3.7	E	2.7	3.9	—	3.2	—	3.2
12	35.8	36.3	36.6	36.2	SE	2.3	SSW	5.1	NNW	4.9	3.9	1.8	20.9	5.5	28.2
13	36.7	35.7	38.1	36.8	W	3.2	WNW	7.8	WNW	1.5	3.4	0.9	3.0	1.7	5.6
14	39.5	41.4	42.8	41.2	NW	3.4	E	5.4	NE	1.8	1.3	0.7	5.6	—	6.3
15	43.2	43.7	42.5	43.1	ESE	1.7	NE	2.6	W	2.9	2.8	0.8	—	5.0	5.8
16	43.8	46.6	42.9	44.4	WSW	1.8	W	0.8	—	0.4	0.6	0.3	—	0.2	0.5
17	44.1	44.7	45.1	44.6	—	0.3	SSE	1.5	S	1.9	0.6	—	—	—	—
18	45.0	42.0	44.0	43.7	SE	2.2	SE	7.3	S	2.9	3.4	—	0.2	30.4	30.6
19	42.8	42.5	42.3	42.5	SW	2.2	WSW	7.0	WSW	2.2	4.6	6.5	—	—	6.5
20	41.[illegible]	38.9	37.2	39.1	—	0.3	—	0.4	SW	3.9	2.8	—	—	—	—
21	37.[illegible]	37.2	37.8	37.4	W	2.5	W	5.0	E	2.5	3.4	—	—	—	—
22	36.6	35.4	33.9	35.3	SE	3.4	SSE	9.0	SE	4.1	5.6	—	—	—	—
23	35.8	35.4	34.7	35.3	NW	2.2	ENE	0.6	SE	12.0	4.4	—	—	—	—
24	33.6	36.2	37.8	35.9	SE	6.9	NW	3.5	—	0.4	4.4	—	0.0	—	0.0
25	37.4	37.0	38.9	37.8	SSE	1.1	SSE	4.1	SSE	3.7	2.8	—	—	0.8	0.8
26	39.0	39.6	39.1	39.[illegible]	S	2.9	SSW	4.1	E	1.6	2.0	—	—	4.6	4.6
27	38.4	38.0	39.7	38.7	SSW	2.3	W	2.2	WNW	1.1	3.1	—	—	2.3	2.3
28	40.8	41.0	41.2	41.0	NW	3.4	NW	3.8	NNW	1.7	2.8	—	—	—	—
29	42.9	40.9	40.5	41.4	WNW	1.8	NNE	1.5	S	2.0	1.6	—	—	—	—
30	40.4	39.3	38.6	39.4	—	0.0	SE	2.5	SE	1.5	1.3	—	—	—	—
平均 Mean	40.0	39.7	39.9	39.9		3.0		4.0		2.5	3.5	13.8	52.2	50.5	116.5

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	13.3	27.0	20.6	20.3	28.2	12.7	15.5	75	34	44	51	0 —	7 c	5 kn	4.0	13.04	11.2
2	18.5	26.7	16.9	20.7	28.0	16.8	11.2	48	30	73	50	10 n	9 c	10 n	10.0	5.18	9.8
3	13.0	22.8	16.8	17.5	23.8	12.9	10.9	85	29	54	56	1 sk	0 —	0 —	0.3	12.62	11.3
4	13.1	27.0	19.9	20.0	27.6	12.4	15.2	66	33	47	49	0 —	3 c	10 n	4.3	10.50	11.2
5	15.3	24.7	18.5	19.5	25.8	15.0	10.8	64	32	46	47	10 n	0 —	0 —	3.3	0.00	9.4
6	15.8	16.1	14.2	15.4	18.5	14.1	4.4	69	89	96	85	9 kn	10 n	0 —	6.3	9.61	10.4
7	11.6	21.6	17.1	16.8	23.1	11.4	11.7	100	60	84	81	10 ≡	8 k	2 s	6.7	11.46	5.4
8	14.4	20.5	14.4	16.4	21.4	14.2	7.2	90	27	99	72	0 —	1 c	0 —	0.3	12.45	8.8
9	11.2	18.1	13.5	14.3	19.8	10.8	9.0	71	54	59	61	10 n	10 sk	7 sk	9.0	6.10	5.5
10	7.8	19.5	14.5	13.9	20.4	7.4	13.0	71	31	52	51	0 —	9 k	10 kn	6.3	12.97	9.0
11	10.0	12.1	10.8	11.0	14.6	9.6	5.0	86	87	90	88	9 sk	10 n	2 s	7.0	1.77	2.5
12	10.3	9.3	12.5	10.7	17.8	9.0	8.8	100	92	82	91	10 n	10 n	10 n	10.0	4.51	3.0
13	10.5	15.9	11.3	12.6	16.3	9.6	6.7	97	74	93	88	10 sk	10 n	3 sk	7.7	3.72	1.4
14	11.1	15.9	15.1	14.0	17.7	10.8	6.9	99	81	88	89	10 n	10 n	9 s	9.7	4.63	2.9
15	14.3	19.8	16.4	16.8	22.0	14.2	7.8	94	69	89	83	10 sk	10 n, kn	10 n	10.0	3.83	1.5
16	14.0	21.9	16.9	17.6	23.3	13.7	9.6	96	58	81	78	3 sk	8 k	0 —	3.7	9.68	4.5
17	13.5	24.7	19.7	19.3	26.6	12.5	14.1	95	49	75	73	0 —	6 k	0 —	2.0	14.37	6.4
18	16.9	24.8	18.4	20.0	26.8	16.2	10.6	84	54	83	74	9 sk	10 sk	10 n	9.7	6.74	5.7
19	15.2	25.7	19.9	20.3	26.9	15.1	11.8	90	37	64	64	10 n	5 c, k	1 s	5.3	13.01	7.4
20	15.1	27.6	22.3	21.7	29.4	14.0	15.4	83	38	52	58	2 kc	5 k	1 c	2.7	12.02	9.0
21	15.8	25.8	19.7	20.4	26.6	14.9	11.7	80	31	60	57	7 c	2 c, ck	0 —	3.0	14.17	9.3
22	17.0	30.8	24.7	24.2	31.7	15.8	15.9	70	31	48	50	6 kc	9 c	0 —	5.0	13.65	11.8
23	17.8	28.4	25.9	24.0	32.0	17.2	14.8	92	50	48	63	9 c	5 ck	4 cs	6.0	10.45	11.9
24	20.1	21.0	19.3	20.1	26.0	19.2	6.8	73	56	75	68	2 c	10 n, sk	7 kc, c	6.3	7.74	4.4
25	13.9	28.2	18.7	20.3	29.7	13.2	16.5	79	26	74	60	4 sk, c	1 k, c	10 n	5.0	11.33	7.1
26	15.6	25.5	18.4	19.8	27.1	15.6	11.5	90	33	75	66	7 n	7 k	0 —	4.7	10.86	3.3
27	14.7	24.7	18.3	19.2	25.4	12.8	12.6	83	44	87	71	0 —	10 n, k, c	1 c	3.7	13.73	4.7
28	15.5	26.2	23.1	21.6	27.6	14.2	13.4	94	49	65	69	0 —	9 kn	0 —	3.0	11.80	7.3
29	19.2	29.3	24.5	24.3	30.0	17.6	13.0	82	38	58	59	0 —	2 k	0 —	0.7	14.81	9.1
30	20.0	30.6	24.5	25.0	31.3	18.2	13.0	81	37	64	61	0 —	9 c, k	7 cs	5.3	13.52	9.2
平均 Mean	14.5	23.1	18.2	18.6	24.9	13.7	11.2	83	48	70	67	5.3	6.8	4.0	5.4	290.27	214.4

※ 重力ノ更正 Reduction to standard gravity ····· — 0.0
海面ニノ更正 Reduction to mean sea level ····· + 13.2

齊々哈爾
TSITSIKHAR.

昭和六年六月 JUNE, 1931.

日 Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total.
1	43.1	43.0	40.0	42.0	NNE	2.7	S	2.1	SE	1.9	1.9	—	—	—	—
2	37.7	37.4	41.4	38.8	SE	4.4	SSE	3.7	NE	6.4	4.9	—	0.0	1.2	1.2
3	44.1	44.3	42.1	43.5	NE	3.9	NE	7.5	S	3.9	4.6	0.1	—	0.0	0.1
4	41.6	41.1	41.2	41.3	SSE	5.4	E	3.0	SE	3.4	3.9	—	—	—	—
5	42.8	41.5	40.3	41.5	SE	4.3	S	3.2	SSE	2.8	3.1	—	—	—	—
6	40.7	42.2	43.2	42.0	ESE	2.2	SE	1.5	ENE	0.9	2.7	0.5	3.4	0.0	3.9
7	43.9	42.8	42.1	42.9	NE	2.0	SSW	3.0	W	2.1	2.4	—	—	6.7	6.7
8	40.8	41.0	40.7	40.8	W	2.0	ENE	6.2	WSW	2.7	3.8	24.9	—	—	24.9
9	40.6	38.8	35.2	38.2	W	5.2	SE	12.4	SW	5.8	4.3	—	7.8	4.1	11.9
10	35.9	36.7	37.4	36.7	SSW	3.6	S	9.5	SE	2.9	5.2	—	—	—	—
11	34.0	34.4	36.6	35.0	NNE	3.0	SE	3.9	SE	3.1	3.6	6.0	2.8	4.8	13.6
12	38.3	37.9	37.3	37.8	ESE	5.3	ESE	6.5	E	2.0	2.7	0.1	—	1.3	1.4
13	36.2	35.6	37.6	36.5	E	3.3	NE	3.5	NE	3.7	3.3	0.6	3.4	2.8	6.8
14	39.7	42.0	43.3	41.7	ESE	3.0	SSE	2.8	E	1.8	2.0	0.5	—	0.1	0.6
15	44.3	43.9	43.4	43.9	E	2.6	ESE	2.0	ESE	1.6	2.6	—	—	0.4	0.4
16	42.8	42.0	42.5	42.4	E	3.0	WNW	3.2	E	1.9	3.1	0.5	—	0.0	0.5
17	42.7	43.8	43.2	43.6	—	0.0	SW	2.7	SSW	1.1	1.2	—	—	—	—
18	42.8	41.1	41.9	41.9	SSW	2.5	S	4.8	NNW	9.5	3.0	—	0.1	0.0	0.1
19	40.5	40.1	40.1	40.2	—	0.4	NW	7.9	NW	3.2	3.5	1.3	—	—	1.3
20	39.0	36.8	35.9	37.2	NW	2.7	W	2.9	NNE	4.8	3.8	—	—	1.3	1.3
21	35.7	36.0	35.9	35.9	WNW	2.4	NNW	5.0	SW	0.9	3.0	2.4	—	—	2.4
22	34.3	32.0	32.6	33.0	SW	2.6	SW	5.4	NE	6.0	4.3	0.0	—	0.0	0.0
23	35.3	35.2	32.1	34.2	NNE	3.7	ESE	2.0	SE	3.2	3.3	—	—	—	—
24	32.7	35.4	35.8	34.6	SSW	4.7	NNE	1.7	ESE	0.8	2.6	2.1	2.8	0.0	4.9
25	36.7	36.2	36.8	36.6	E	3.4	S	2.9	SW	1.5	1.9	—	—	—	—
26	37.6	37.3	38.5	37.8	WNW	3.7	SSW	2.5	ESE	3.6	2.2	—	—	—	—
27	38.9	39.0	39.8	39.2	NE	2.6	ENE	3.1	ENE	3.3	2.4	—	3.0	0.3	3.3
28	40.4	40.4	40.5	40.4	NE	3.5	NE	5.1	NNE	0.6	3.3	—	—	—	—
29	40.9	39.9	39.3	40.0	—	0.4	WSW	2.6	SW	1.5	1.5	—	—	—	—
30	39.2	38.2	38.3	38.6	WSW	1.6	WSW	3.8	SSW	1.1	1.9	—	—	—	—
平均 Mean	39.5	39.2	39.2	39.3		3.0		4.2		2.9	3.1	39.0	23.3	23.0	85.3

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITHIN SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	12.7	26.0	19.6	19.4	27.6	9.7	17.9	71	30	46	49	8 sc	1 k	10 sc	6.3	12.90	8.6
2	16.4	22.9	14.5	17.9	24.3	14.5	9.8	66	49	89	68	10 kn	10 kn	10 kn	10.0	0.00	7.0
3	11.5	22.9	18.2	17.5	24.4	10.8	13.6	83	28	45	52	1 s	0 —	10 kn	3.7	10.70	11.4
4	15.0	24.5	17.8	19.1	25.3	12.5	12.8	49	32	47	43	3 c	4 c	2 c	3.0	13.20	9.7
5	13.4	22.6	18.6	18.2	24.4	10.4	14.0	67	34	52	51	0 sk	5 ck	10 kc	5.0	12.30	5.4
6	13.6	16.4	14.1	14.7	19.1	12.5	6.6	79	71	87	79	10 n	10 n	8 sk	9.3	0.00	3.6
7	13.4	22.2	14.4	16.7	23.8	13.2	10.6	92	53	90	78	5 ck	7 k	10 k	7.3	8.52	9.7
8	14.0	17.3	13.0	14.8	19.7	12.8	6.9	73	34	64	57	10 kn	2 c	6 c	6.0	11.20	3.6
9	11.7	11.2	13.1	12.0	14.0	10.4	3.6	66	89	88	81	10 sk	10 n	5 kn	8.3	0.50	5.8
10	7.5	17.2	14.3	13.0	17.9	6.4	11.5	83	47	60	63	1 c	5 k	10 kn	5.3	8.90	3.9
11	12.2	13.6	12.4	12.7	15.9	9.5	6.4	96	89	91	92	10 n	10 n	1 sk	7.0	0.00	5.6
12	10.9	18.6	13.0	14.2	19.6	10.2	9.4	90	58	87	78	1 ck	9 c, kc	10 kn	6.7	0.00	2.6
13	11.4	13.7	11.8	12.3	15.0	11.2	3.8	93	91	90	91	10 n	10 n	10 n	10.0	0.00	3.1
14	10.0	16.6	15.2	13.9	19.2	9.2	10.0	96	63	88	82	10 kn	9 kc	6 sk	8.3	7.45	3.8
15	14.9	20.3	17.7	17.6	20.8	13.6	7.2	89	68	73	77	5 ck	9 kn	10 n	8.0	4.92	5.2
16	15.0	21.4	17.8	18.1	23.3	14.7	8.6	94	64	77	78	9 ck	5 kn	2 c	5.3	7.70	5.3
17	15.6	24.1	19.8	19.8	26.0	13.5	12.5	96	52	74	74	6 s	4 k	9 cs	6.3	10.40	5.4
18	16.8	22.7	19.3	19.6	24.6	15.9	8.7	84	66	60	70	10 sc	10 sc	10 kn	10.0	4.46	6.6
19	16.2	22.4	18.5	19.0	24.9	14.1	10.8	90	47	64	67	2 ck	3 k	1 c	2.0	11.53	8.7
20	18.4	26.2	19.0	21.2	27.2	13.9	13.3	67	35	65	56	2 c	5 c, ck	9 kn	5.3	11.20	6.2
21	14.8	22.9	19.2	19.0	24.9	13.8	11.1	93	44	76	71	5 sk	5 k, c	9 sk	6.3	10.63	6.3
22	16.8	27.3	20.2	21.4	29.5	16.8	12.7	75	50	85	70	7 sc	9 sc	7 kn	7.7	6.65	6.5
23	18.1	25.0	22.6	21.9	26.5	16.0	10.5	87	57	85	76	7 ck	7 cs, ck	10 cs	8.0	11.70	3.2
24	19.5	21.5	17.6	19.5	22.8	16.9	5.9	81	54	86	74	10 n	8 sk	2 sk	6.7	3.43	5.4
25	14.5	25.0	20.8	20.1	27.7	13.6	14.1	91	47	69	69	8 sc	5 c	5 sk	6.0	10.42	7.9
26	17.6	24.2	17.4	19.7	26.0	16.9	9.1	84	49	83	72	8 sk	7 kc	7 c	7.3	4.60	3.4
27	17.3	19.5	19.8	18.9	24.0	15.8	8.2	83	78	72	78	9 sk	6 kn	2 kn	5.7	4.40	9.7
28	20.2	25.2	22.5	22.6	26.8	17.1	9.7	85	55	75	72	3 c	3 k	0 —	2.0	11.90	8.1
29	24.6	29.0	27.3	27.0	30.7	18.0	12.7	69	45	64	59	0 —	3 k	4 c	2.3	13.40	8.9
30	22.5	32.1	25.2	26.6	33.2	21.4	11.8	77	36	65	59	1 k	2 k, c	4 c	2.3	13.90	9.0
平均 Mean	15.2	21.8	17.8	18.3	23.6	13.5	10.1	82	54	73	70	6.0	6.1	6.6	6.2	226.91	189.8

※ 重力ノ更正 Reduction to standard gravity……+ 0.1
海面ヘノ更正 Reduction to mean sea level……+ 17.7

昭和六年七月二十五日印刷
昭和六年七月二十八日發行

關東廳觀測所
大連市八幡町三十五番地

大連市大山通六十三番地
印刷人　太田信三

大連市大山通六十三番地
印刷所　小林又七支店

昭和六年七月

滿洲氣象表

REPORT

OF THE

METEOROLOGICAL OBSERVATIONS

MADE AT THE

METEOROLOGICAL STATIONS

IN

MANCHURIA.

JULY, 1931.

PUBLISHED BY THE METEOROLOGICAL OBSERVATORY, DAIREN.

075629

凡　例

本編ハ昭和六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クレバ

觀測時ハ日本西部標準時卽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

氣壓ハ粍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卽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

平均雲量二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 Jule, 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 umoqs 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	V	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
朝焼夕焼	⚲	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) 現象ノ强サ　*The intensity of the phenomena*

現象ノ强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　强雨 $●^2$ 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
强震(弱キ方)	$⦶^{(4)}$	strong	强震	$⦶^{(5)}$	very strong	烈震	$⦶^{(6)}$	disastrous

大　連

昭和六年七月　　DAIREN.　　JULY, 1931.

日 Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean
1	38.7	34.9	33.0	**30.9**	32.3	34.7	34.1
2	35.5	36.9	37.9	39.3	40.0	40.9	38.4
3	41.5	41.6	42.2	42.6	43.0	44.1	42.5
4	44.2	44.4	45.6	44.9	44.9	45.8	45.0
5	45.1	44.8	45.3	44.3	44.3	44.2	44.7
6	43.9	43.8	44.4	44.5	44.9	45.6	44.5
7	45.2	45.8	45.5	45.0	44.2	44.5	45.0
8	43.4	43.0	43.5	43.6	44.0	45.5	43.8
9	46.0	46.7	46.9	46.6	46.4	46.9	46.6
10	47.0	47.5	48.0	47.8	47.4	48.0	47.6
11	47.6	48.3	49.5	48.9	48.5	49.1	48.7
12	48.6	48.7	49.3	48.7	48.6	49.2	48.9
13	49.5	50.0	50.2	49.9	50.1	51.0	50.1
14	50.8	51.8	52.0	51.3	51.2	52.2	51.6
15	51.7	52.3	**52.8**	52.0	51.0	51.6	51.9
16	50.7	50.6	50.7	49.5	48.6	48.9	49.9
17	48.2	47.5	47.0	46.6	45.8	46.1	46.9
18	45.4	45.2	45.0	44.6	43.7	44.8	44.8
19	44.5	44.4	44.3	44.0	43.7	44.6	44.3
20	45.4	46.0	46.3	46.8	46.7	47.5	46.5
21	47.6	47.5	48.4	48.1	47.8	48.7	48.0
22	48.7	49.6	50.0	49.3	48.7	49.2	49.3
23	49.1	49.6	49.8	49.8	49.3	49.9	49.6
24	49.5	49.5	49.5	48.8	48.2	48.7	49.0
25	47.6	47.7	47.5	46.5	46.0	46.8	47.0
26	46.4	46.6	47.2	46.9	47.0	47.8	47.0
27	48.2	48.5	48.8	48.2	48.1	48.9	48.5
28	48.8	48.8	49.2	48.2	47.5	48.2	48.5
29	48.2	48.7	48.7	48.2	48.2	48.4	48.4
30	47.9	48.5	48.9	48.3	47.9	49.6	48.5
31	49.1	49.8	50.9	50.1	49.9	50.3	50.0
平均 Mean	46.6	46.7	47.0	46.6	46.4	47.2	46.7

日 Day	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h	
1	E	6.8	ENE	9.3	ENE	9.4	NE	**14.4**	NNW	8.5	NNW	7.3	9.2
2	NW	9.1	WNW	6.2	NW	4.3	NW	4.6	NW	3.7	NW	2.3	5.2
3	NW	1.5	—	0.4	SSW	2.0	NW	6.5	NW	3.3	NW	2.4	2.8
4	ENE	3.3	NE	2.1	SE	2.9	SSE	4.3	SSE	2.5	NNE	1.4	2.5
5	N	1.5	NW	1.8	SSE	2.9	S	3.1	NW	2.9	NW	1.8	2.0
6	NW	1.5	—	0.4	ENE	2.9	SSE	3.3	SSE	2.0	SSE	4.7	2.5
7	SSE	4.8	SSE	3.7	ESE	6.0	ESE	4.5	ESE	4.6	E	1.6	4.9
8	ENE	2.9	NNW	4.4	NNW	5.0	NW	5.5	NW	5.6	NW	2.0	4.2
9	WNW	2.5	WNW	2.1	WNW	2.1	S	5.4	S	4.7	S	1.5	3.0
10	SE	1.2	E	1.4	ESE	5.8	ESE	5.7	ESE	4.0	ESE	5.1	3.8
11	E	2.8	E	3.8	ENE	6.1	E	4.4	ESE	3.3	E	2.9	4.1
12	ENE	2.3	NE	4.3	E	4.7	SSE	3.2	S	4.0	—	0.4	3.3
13	S	0.9	SE	0.5	E	2.8	SE	3.8	SSE	3.5	SSE	3.4	2.8
14	SSE	1.8	—	0.0	W	1.4	SSE	4.1	S	5.1	S	3.8	3.0
15	S	3.2	—	0.2	S	4.7	S	6.0	SSE	4.8	SSE	4.6	4.2
16	S	5.7	S	6.5	S	6.6	SSE	5.9	SSE	5.4	SSE	7.3	6.2
17	S	6.5	S	5.7	S	9.0	S	3.6	S	4.4	S	9.4	6.2
18	S	7.3	SSW	7.2	S	5.7	SSW	6.1	S	5.4	SSW	7.6	6.4
19	SSW	8.2	SW	5.5	S	4.2	SSW	8.5	SSW	11.3	SSW	14.3	8.5
20	SSW	8.2	S	7.1	S	7.2	SSW	4.4	SSW	4.7	SSW	6.8	6.9
21	SW	7.6	SW	4.6	NNW	3.4	S	3.5	S	4.3	S	1.6	4.1
22	SSE	2.9	S	3.4	S	8.9	S	6.4	S	6.1	S	7.9	5.3
23	SW	3.1	W	3.2	NNE	2.0	SE	2.1	S	2.3	WNW	1.8	3.6
24	WNW	1.8	WNW	1.9	NE	4.3	ESE	5.7	SSE	2.4	SSE	0.8	2.8
25	SSE	1.5	SE	0.6	ENE	1.2	S	2.2	NW	3.3	NW	3.9	1.8
26	NW	2.7	NW	1.8	WNW	4.4	WNW	4.7	NW	4.3	WSW	2.3	3.3
27	NW	1.9	S	1.2	S	4.1	S	6.2	S	4.7	S	3.9	3.0
28	S	6.3	S	3.2	S	2.6	S	9.9	S	7.5	S	7.0	5.2
29	S	6.5	—	0.2	S	2.6	S	5.6	S	3.2	SSE	2.6	3.7
30	SSE	2.0	SSE	3.5	S	6.0	S	6.4	S	6.2	S	6.2	4.9
31	SSW	10.9	S	5.0	S	6.1	S	5.6	SSE	3.9	SSE	5.2	6.6
平均 Mean		4.2		3.3		4.6		5.3		4.6		4.3	4.4

日 Day	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
1	0.5	21.8	**49.4**	4.8	5.9	0.7	**83.1**
2	0.2	—	—	0.0	—	—	0.2
3	—	—	0.0	—	—	—	0.0
4	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—
7	—	—	0.0	—	0.0	2.8	2.8
8	3.0	19.9	1.3	0.1	—	—	24.3
9	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—
11	—	0.2	0.2	—	—	—	0.4
12	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—
17	—	—	0.2	6.0	1.0	—	7.2
18	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—
30	—	—	0.0	—	—	—	0.0
31	—	—	—	—	—	—	—
平均 Mean	3.7	41.9	51.1	10.9	6.9	3.5	118.0

日 Day	氣溫 (攝氏) AIR TEMPERATURE (°C) 2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range
1	17.8	17.5	17.7	17.7	18.0	17.9	17.8	20.4	**16.1**	4.3
2	17.8	18.1	21.5	20.2	20.0	17.4	19.2	22.0	17.1	4.9
3	17.9	18.6	22.4	22.9	21.9	19.6	20.6	23.6	17.3	6.3
4	18.3	18.8	22.8	23.0	21.1	19.1	20.5	24.2	17.8	6.4
5	18.4	19.5	24.9	25.8	24.0	20.3	22.2	26.5	17.9	8.6
6	19.6	20.1	24.6	24.8	22.5	19.7	21.9	25.0	19.2	5.8
7	19.0	19.2	19.5	19.9	19.3	19.0	19.3	20.3	18.1	2.2
8	18.9	19.0	20.7	22.6	21.8	18.5	20.3	23.3	18.5	4.8
9	17.8	19.5	24.0	23.6	20.8	18.6	20.7	24.5	17.4	7.1
10	18.7	18.5	20.1	19.6	19.1	19.1	19.2	20.7	17.8	2.9
11	19.4	19.3	18.8	20.3	20.1	18.1	19.3	21.1	17.9	3.2
12	18.4	19.9	22.8	22.6	20.7	19.5	20.8	24.0	17.6	6.4
13	19.3	18.7	21.5	21.6	19.8	17.6	19.8	22.9	17.6	5.3
14	16.8	17.5	21.8	22.9	21.1	18.3	19.7	24.0	16.3	7.7
15	18.5	19.9	23.8	24.3	20.8	19.6	21.2	24.4	17.5	6.9
16	19.2	19.4	21.1	22.1	20.2	20.5	20.4	23.4	18.2	5.2
17	19.9	19.9	20.0	19.5	20.0	19.9	19.9	20.7	18.8	**1.9**
18	19.8	19.8	22.1	23.2	21.8	22.6	21.6	24.0	19.1	4.9
19	22.5	22.3	25.8	26.2	24.4	21.9	23.9	26.9	21.7	5.2
20	21.2	20.1	21.6	22.0	21.9	21.2	21.3	23.0	19.5	3.5
21	19.1	21.7	26.1	26.8	24.6	20.7	23.4	27.7	20.3	7.4
22	19.2	20.2	24.4	26.3	23.6	21.3	22.5	26.9	18.7	8.2
23	21.5	23.3	26.0	27.5	24.4	22.3	24.3	27.8	20.6	7.2
24	21.1	21.8	25.7	25.4	23.2	20.1	22.9	27.0	20.1	6.9
25	19.5	20.1	24.8	25.9	25.7	21.4	22.9	28.0	18.7	9.3
26	21.2	22.6	29.0	29.7	26.4	23.6	25.4	**30.7**	20.6	**10.1**
27	21.8	23.2	29.0	29.4	26.2	23.2	25.6	30.5	21.9	9.3
28	22.9	22.8	28.5	27.3	25.3	22.7	24.9	29.8	21.9	7.9
29	21.3	21.9	28.3	27.7	23.6	21.9	24.1	28.5	21.3	7.2
30	19.7	22.3	25.8	27.9	25.4	23.0	24.4	28.8	21.3	7.5
31	19.8	23.5	26.4	25.5	23.8	23.0	24.3	27.3	22.5	4.8
平均 Mean	19.9	20.3	23.6	24.0	22.3	20.4	21.7	25.1	19.0	6.1

日 Day	濕度 (百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean
1	88	100	100	99	100	99	98
2	94	94	80	83	79	93	87
3	92	93	76	75	83	96	86
4	95	94	76	74	85	96	87
5	94	90	73	68	75	98	83
6	98	100	76	63	81	98	86
7	97	92	100	97	100	100	98
8	100	100	89	73	72	89	87
9	94	92	66	74	84	93	84
10	98	100	98	100	99	97	99
11	93	99	91	84	76	90	89
12	90	88	75	70	83	96	84
13	97	97	74	69	82	94	86
14	94	94	76	65	73	90	82
15	91	87	67	67	78	87	80
16	96	88	81	77	90	86	86
17	92	90	95	100	98	100	96
18	99	100	92	87	85	75	90
19	80	82	70	62	58	79	72
20	64	80	81	80	82	70	76
21	71	68	66	64	68	86	71
22	94	97	69	70	83	92	84
23	75	75	72	67	74	87	75
24	93	89	55	65	77	96	79
25	98	97	66	63	65	85	79
26	69	60	53	46	68	70	61
27	75	71	43	59	71	82	67
28	75	86	63	59	71	89	74
29	95	97	62	57	79	90	80
30	95	97	77	63	75	92	83
31	84	87	74	82	93	99	87
平均 Mean	89	90	75	73	80	90	83

日 Day	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 6h	10h	14h	18h	22h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	10 n	10 n	10 n	10 n	10 n	10.0	0.00	2.1
2	10 sk	10 sk	10 sk	10 c, sk, k	2 sk, c	8.4	2.43	2.8
3	10 n, sk	9 sk, k	8 sk, ck	3 k	10 sc	8.0	8.70	5.0
4	5 c, s	8 c, k, kn	3 c, k	3 s	0 —	3.8	12.80	5.5
5	2 c, kc	6 ck, s	3 ck, k, kn	5 kc, k, s	6 s	4.4	12.20	5.3
6	10 ☰	7 k, ck	9 c, k, ck	4 c, k	0 k	6.0	9.27	4.3
7	10 n	10 s	10 s	10 n	10 n	10.0	0.00	0.8
8	10 n	10 n, sk	8 kc, k	2 c	0 —	6.0	5.00	4.1
9	7 cs, ck, k	9 kc, ck	10 k	10 kc	2 c	7.6	8.05	3.5
10	10 ☰	10 ☰	10 ☰	10 ☰	10 s	10.0	0.00	1.6
11	10 n	10 sk	10 sk	7 c	0 —	7.4	5.10	3.5
12	2 c, sk	6 c	4 c, cs, k	3 kc, sk	4 c	3.8	13.20	4.8
13	10 sk	9 c, sk	3 c, sk, k	3 kc	0 —	5.0	8.90	5.4
14	10 kc	7 k, c	2 c, k	0 c	0 c	3.8	8.27	5.7
15	0 c	3 cs, k	6 c, k	9 c	0 —	3.6	11.90	6.7
16	0 k	9 kc, sk	9 c, k	10 cs, sk, sc	10 cs, k	7.6	11.00	5.0
17	10 sc, sk	10 n	10 n	10 s	10 s	10.0	0.00	0.8
18	10 s, ck	10 k, s	10 cs, c, s	9 c, sc	4 c	8.6	6.95	5.3
19	0 c, k	8 c	8 c	8 cs, c	0 —	4.8	13.40	8.2
20	10 ck, sk, k	10 cs, k	10 k	10 kc, c	10 kc	10.0	4.00	4.9
21	0 k	6 k	3 k	0 ck	0 —	1.8	11.80	6.0
22	4 ck	1 kc	0 k	3 c, cs	3 kc	2.2	13.25	6.1
23	10 k, kn, sk	7 kc, k	7 k, kc	9 k, kc	0 —	6.6	8.45	6.2
24	3 cs, sk	0 k	2 k	2 k	1 kc	1.6	13.40	5.5
25	5 ck, s	4 k	7 kn, k, kc	3 kc, k	0 —	3.8	9.15	6.4
26	0 —	1 kc	0 k	3 c	0 —	0.8	12.70	7.4
27	0 k	0 —	3 cs	7 cs	7 c	3.4	12.90	7.5
28	6 c, kc	1 c	7 c	3 c	4 c	4.2	12.40	6.9
29	4 c, s	8 sc	10 ck	10 sc	10 kc	8.4	6.80	5.6
30	10 s	10 sk, s, sc	5 kc, k	2 kc, c	0 —	5.4	6.09	6.4
31	1 c	10 s, cs	10 n, sk	10 s	10 s	8.2	9.90	4.5
平均 Mean	6.1	7.1	6.7	6.1	4.0	6.0	258.01	153.8

* 重力ノ更正　Reduction to standard gravity……— 0.4
海面ヘノ更正　Reduction to mean sea level……+ 8.5

大　連

昭和六年七月　　DAIREN.　　JULY, 1931

日 Day	水蒸氣ノ張力(粍) TENSION OF VAPOUR.(mm) 2h	6h	10h	14h	18h	22h	平均 Mean	地面溫度(攝氏) EARTH TEMP. ON THE SURFACE.(°C) 6h	14h	22h	平均 Mean.	地中溫度(攝氏) EARTH TEMPERATURE. (°C) 0.1m	0.2m	0.3m	0.5m	1.0m	2.0m	3.0m	4.0m	5.0m	最低地溫(攝氏) MIN. TEMP. ON GRASS. (°C)	最高日溫(攝氏) MAX. TEMP. (BLACK BULB.) (°C)
1	13.3	14.9	15.0	19.9	15.3	15.0	15.6	18.6	18.9	18.2	18.6	18.2	18.4	20.1	21.5	21.5	15.9	13.7	12.7	11.6	15.3	22.5
2	14.2	14.6	15.2	14.7	13.8	13.7	14.4	18.5	24.3	18.0	20.3	21.1	19.2	19.6	20.2	20.2	16.4	14.3	12.9	12.9	16.0	32.2
3	14.0	14.9	15.3	15.6	16.2	16.2	15.4	19.2	28.1	20.7	22.7	21.1	19.5	20.0	20.2	19.7	16.4	14.2	13.1	12.1	15.9	38.4
4	14.8	15.2	15.7	15.5	15.7	15.7	15.4	19.4	34.5	21.1	25.0	22.9	20.7	19.9	20.7	20.6	16.4	14.3	13.2	11.9	16.8	37.6
5	14.8	15.2	17.0	16.9	16.6	17.3	16.3	19.5	35.1	22.5	25.7	23.7	21.4	21.7	21.5	19.6	16.3	14.3	13.2	11.9	16.3	42.6
6	16.6	17.5	17.5	14.7	16.4	16.7	16.6	21.9	34.0	22.3	26.1	24.8	22.5	22.6	22.2	19.9	16.4	14.5	13.4	12.1	18.2	37.9
7	15.8	15.3	16.8	16.7	16.6	16.3	16.3	21.1	22.8	20.7	21.5	22.0	21.9	22.5	22.0	20.4	16.4	14.5	13.4	12.1	18.0	25.2
8	16.2	16.3	16.2	14.8	14.0	14.1	15.3	19.8	26.2	18.9	21.6	20.7	20.2	20.8	21.2	20.2	16.4	14.5	13.4	12.1	17.0	31.6
9	14.2	15.6	14.8	16.0	15.4	14.9	15.2	18.3	39.3	19.9	25.8	21.1	19.9	20.5	20.7	20.0	16.4	14.5	13.5	12.1	15.7	39.4
10	15.7	15.8	17.1	16.9	16.2	15.9	16.3	21.2	25.7	20.7	22.5	21.9	20.7	21.2	21.1	19.9	16.6	14.5	13.6	12.3	16.6	28.6
11	15.6	16.4	14.7	14.9	13.4	13.9	14.8	20.2	26.7	19.5	22.1	21.1	20.6	21.1	21.1	19.9	16.6	14.7	13.7	12.5	16.6	33.6
12	14.2	15.2	15.3	15.2	15.1	16.1	15.2	19.2	33.3	21.9	24.8	22.1	20.4	20.8	20.9	19.9	16.6	14.8	13.7	12.5	16.1	37.4
13	16.1	15.5	14.3	13.3	14.1	14.1	14.6	20.5	34.4	20.7	25.2	22.3	21.4	21.8	21.6	20.0	16.7	14.8	13.9	12.5	16.5	38.4
14	13.4	14.0	14.8	13.5	13.6	14.1	13.9	18.7	33.3	19.7	23.9	23.0	21.1	21.6	21.7	20.2	16.7	14.9	13.9	12.6	14.5	39.6
15	14.4	15.0	14.8	15.1	14.2	14.8	14.7	18.6	39.9	21.0	26.5	23.3	21.3	21.6	21.7	20.3	16.6	15.0	13.9	12.6	16.3	34.0
16	15.9	14.7	15.0	15.3	15.9	15.5	15.4	19.6	40.7	22.0	27.4	23.4	21.7	22.0	21.9	20.4	16.9	15.0	14.1	12.8	17.6	40.7
17	15.9	15.6	16.4	16.8	17.0	17.3	16.5	20.8	22.4	20.3	21.2	21.9	21.8	22.2	21.9	20.4	16.9	15.0	14.1	12.8	18.8	23.7
18	17.0	17.2	18.1	18.4	16.6	15.3	17.1	20.2	30.2	19.8	23.4	22.6	20.8	21.2	21.2	20.3	16.9	15.1	14.2	12.7	18.3	34.5
19	16.2	16.4	17.3	15.7	13.2	15.5	15.7	20.2	36.0	22.0	26.1	23.5	21.5	21.7	21.6	20.2	16.9	15.2	14.2	12.8	20.4	39.2
20	12.0	14.0	15.5	15.7	16.0	13.2	14.4	20.5	27.3	21.3	23.0	22.9	21.8	22.3	22.0	20.4	17.0	15.3	14.3	13.0	18.6	30.5
21	12.9	13.2	16.5	16.8	15.6	15.7	15.1	19.8	39.2	22.3	27.1	23.9	21.8	22.0	21.6	20.4	17.1	15.3	14.3	13.0	18.8	43.2
22	15.5	17.0	15.7	17.9	18.1	17.2	16.9	20.7	42.3	23.4	28.8	24.5	22.7	23.0	22.4	20.6	17.1	15.5	14.5	13.0	17.4	36.6
23	15.2	15.8	17.9	18.1	16.7	17.4	16.9	22.8	45.6	24.1	30.8	24.7	23.6	23.8	23.1	20.9	17.1	15.4	14.4	13.0	18.8	46.0
24	17.3	17.2	13.6	15.7	16.3	16.7	16.1	21.9	48.6	23.0	31.2	25.9	24.3	24.5	23.9	21.4	17.3	15.5	14.4	13.1	18.0	41.6
25	16.5	16.9	15.5	15.7	15.9	16.2	16.1	21.7	39.0	23.2	28.0	25.6	24.4	24.8	24.3	21.6	17.4	15.7	14.4	13.2	16.6	42.5
26	12.9	12.3	15.8	14.5	17.2	15.3	14.7	20.8	49.5	24.0	31.4	26.4	24.6	25.0	24.4	21.8	17.4	15.5	14.5	13.2	17.5	46.7
27	15.5	15.0	13.0	18.1	18.0	17.4	16.2	23.0	49.9	24.9	32.6	27.0	25.5	25.7	25.0	22.1	17.7	15.6	14.6	13.2	19.2	41.2
28	15.5	17.7	18.2	16.0	17.1	18.2	17.1	23.3	47.4	24.9	31.9	27.3	25.8	26.1	25.5	22.4	17.6	15.7	14.8	13.3	20.2	41.6
29	17.9	18.9	17.8	15.9	17.1	17.5	17.5	23.7	48.0	24.7	32.1	27.0	25.8	26.4	25.6	22.7	17.8	15.8	14.7	13.4	20.4	42.6
30	18.3	19.4	19.1	17.7	18.0	19.2	18.6	23.8	47.5	24.9	32.1	25.8	25.8	26.3	25.6	23.0	17.8	16.0	14.9	13.5	20.0	38.9
31	18.4	18.7	19.0	19.7	20.4	20.6	19.5	23.5	38.5	26.3	29.4	26.9	25.8	26.0	25.3	22.9	18.2	16.0	14.7	13.5	21.5	37.1
平均 Mean	15.4	15.9	16.1	16.2	16.0	16.0	15.9	20.7	35.8	21.8	26.1	23.5	22.2	22.5	22.3	20.8	16.9	15.0	14.0	12.7	17.7	37.0

記事 REMARKS.

日 Day	記事 REMARKS.
1	●°0h20-●1h40-●25h20-●15h40…● 9h48-●110h05-●°11h15-11h48.●°12h30 ●112h55-●°14h08…
2	⌒°p. -●°-0h45. ●°11h55…12h13.
3	⌒°m a. ●°8h45…9h16.
4	
5	⌒1a.p. ≡°22h10-≡122h14-
6	⌒1m°a.⌒ ⊕ °p. -≡1-≡°0h48-1h15.≡°3h10-≡13h25-≡24h10-≡16h13-≡°6h18-6h40.
7	●°7h38-9h06.≡°16h20-≡116h48-≡°17h55-19h30.●°17a50-●118h45-●°21h50-
8	⌒°p. -●°-●11h50-●°4h05-●15h10-●°6h30-8h25.●°10h20-11h40.
9	⌒2a.⌒1τ1p.
10	≡°3h15-≡13h30-≡°7h15-≡18h40-≡°17h35-19h30.
11	● 4h37-4h52.●°5h06-5h50.●°7h45-9h18.
12	⌒°τ1p.
13	⌒°a.⌒1p.
14	⌒1a.⌒°p.
15	⌒1a.
16	
17	⌒1p. ●°7h25…●°10h00-●°14h00…15h57.
18	⌒1a.⊕°τ1p.
19	
20	⌒°p.
21	τ°p.
22	⌒1a.⌒°τ1p.
23	m°a.⌒1τ1p.
24	⌒1a.p.-
25	⌒1a.τ°p.
26	⌒°τ°p.
27	⌒1τ1∞1a.
28	
29	⌒°a.p.τ1ω1p.
30	⌒°p. ●°7h46-8h30.
31	≡°19h35-≡120h30-

營口
YINGKOW.

昭和六年七月 JULY, 1931.

日 Day	氣壓※(粍) AIR PRESSURE. (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean
1	48.3	46.7	44.6	43.7	43.0	42.8	44.9
2	43.6	43.9	44.9	45.8	45.4	47.4	45.2
3	47.5	48.3	49.4	49.7	50.3	51.9	49.5
4	52.1	52.6	52.8	51.7	52.1	52.9	52.4
5	52.4	52.5	52.7	51.2	51.8	52.1	52.1
6	51.7	51.5	51.7	51.3	52.2	53.1	51.9
7	53.3	54.0	54.2	53.0	52.8	53.0	53.4
8	51.6	51.7	52.1	51.4	51.8	52.3	51.8
9	53.4	54.0	54.2	53.6	53.2	54.8	53.9
10	54.6	55.3	55.8	55.4	55.6	56.4	55.5
11	56.5	56.8	57.4	56.4	56.1	57.0	56.7
12	56.9	56.5	56.6	55.5	55.5	56.5	56.3
13	57.3	57.3	57.6	56.8	57.1	58.2	57.4
14	58.7	58.9	59.4	58.6	57.8	59.2	58.8
15	59.3	59.3	59.6	58.4	58.9	58.7	59.0
16	58.9	57.9	57.9	56.4	56.0	56.2	57.2
17	55.8	54.6	54.0	52.8	52.1	52.8	53.7
18	52.4	51.7	51.6	51.0	50.1	50.7	51.3
19	50.[illegible]	50.5	50.7	50.0	49.9	51.5	50.5
20	51.8	52.6	53.3	53.3	53.3	54.6	53.2
21	54.7	54.7	55.4	54.8	54.6	55.9	55.0
22	56.2	55.8	56.4	55.7	55.6	57.0	56.1
23	56.6	57.3	58.2	57.6	56.9	57.7	57.4
24	57.8	57.7	57.6	56.4	55.8	56.3	56.9
25	55.1	54.9	55.1	53.4	52.4	53.2	54.0
26	53.2	52.9	53.8	53.8	53.7	55.1	53.8
27	55.8	55.5	55.7	55.2	54.9	55.5	55.4
28	55.5	55.5	55.4	54.4	53.8	54.7	54.9
29	54.9	55.3	55.2	54.5	54.1	54.9	54.8
30	54.8	54.8	55.2	54.5	55.5	56.6	55.2
31	56.5	56.7	57.7	56.9	57.4	58.6	57.3
平均 Mean	54.1	54.1	54.4	53.7	53.5	54.4	54.0

日 Day	風ノ方向及速度(米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h.	
1	NW	1.1	NE	1.6	NNE	2.8	NNE	5.3	NNE	3.5	NNE	3.9	3.1	
2	NNE	4.7	NE	4.7	NE	3.3	N	0.9	NW	1.3	NNW	1.9	2.3	
3	NNW	1.2	ENE	1.[illegible]	E	1.2	SE	2.6	E	0.7	SE	0.9	1.5	
4	SE	1.3	S	3.3	S	2.3	WSW	2.7	WNW	2.3	SW	0.9	1.9	
5	SSW	0.9	SSW	0.6	W	1.3	NW	2.0	S	3.3	SE	1.1	1.7	
6	SSE	0.6	SSE	0.5	S	1.1	W	2.3	SSW	1.9	SW	2.3	1.7	
7	SW	1.2	SSW	2.3	S	1.8	S	1.1	NW	2.3	NNE	1.8	1.7	
8	N	1.1	N	2.9	N	4.9	NNE	4.1	N	2.0	NNW	0.9	2.6	
9	NNW	0.5	E	0.5	S	2.6	S	2.6	SSW	1.9	S	1.5	1.9	
10	SSE	3.1	SSE	0.5	SE	1.2	SW	2.3	W	2.6	—	0.1	1.9	
11	—	0.0	—	0.2	ESE	1.6	NW	1.3	SW	3.3	NNW	0.9	1.2	
12	E	0.9	E	0.5	NE	2.0	SSW	2.3	WNW	2.3	—	0.2	1.3	
13	E	1.0	SSE	0.9	NNW	2.7	N	3.5	NNE	1.5	SSW	2.9	2.1	
14	SSW	2.3	SSW	2.9	SW	3.5	SW	3.2	SW	3.8	SSW	3.5	3.1	
15	S	1.9	SSE	2.7	SSW	4.8	SSW	4.7	SSW	5.7	SSE	2.9	4.5	
16	SSE	2.2	SSE	3.3	SSE	4.7	SSW	5.3	S	4.7	SSE	3.7	3.9	
17	SSE	2.3	SSE	2.7	SSE	4.2	SSE	4.1	S	5.7	S	5.0	3.8	
18	S	4.8	S	4.1	SSW	4.9	SSW	4.6	SSW	4.1	S	3.5	4.1	
19	SSW	5.9	SSW	3.5	SSW	5.4	SSW	6.4	SSW	5.9	SSW	5.3	5.3	
20	SSW	2.9	SSW	3.8	SSW	2.5	SW	2.9	SW	4.7	SSW	2.9	3.3	
21	S	3.0	SSE	2.9	S	3.8	SW	4.0	SW	3.7	S	1.9	2.9	
22	S	2.3	SSE	1.8	SSW	5.7	SSW	4.7	SSW	1.3	—	0.4	2.9	
23	—	0.1	N	2.9	NNE	4.1	N	4.2	NE	2.5	NE	1.3	2.1	
24	NE	0.8	NNE	1.0	NNE	2.5	NNE	2.9	NNE	1.9	N	0.7	1.7	
25	—	0.4	SSE	0.5	NE	1.5	W	2.5	WSW	4.7	SW	2.0	1.8	
26	S	2.0	S	1.5	NE	1.6	NNE	3.0	NNE	1.3	NNE	0.5	1.9	
27	NW	0.9	SE	0.6	S	4.6	SSW	2.9	SSW	2.7	S	1.6	2.1	
28	SSE	2.1	S	1.8	S	7.3	SSW	4.3	SSW	4.4	S	2.9	4.1	
29	SSE	2.3	SSE	3.8	SSW	5.8	SSW	5.6	SSW	5.5	SSE	2.0	4.2	
30	SSE	1.7	SSE	2.3	S	6.2	S	5.9	SSW	4.1	S	2.8	3.8	
31	SSE	1.5	S	5.1	SSW	5.3	SSW	4.5	W	3.9	—	0.3	3.5	
平均 Mean		1.9		2.2		3.5		3.5		3.2		2.0	2.7	

日 Day	降水量(粍) AMOUNT OF PRECIPITATION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
1	—	0.4	9.6	10.2	12.7	4.9	37.8
2	2.5	2.1	0.1	1.0	0.8	0.2	6.7
3	—	0.4	0.1	0.0	0.0	—	0.5
4	—	0.0	—	—	0.1	—	0.1
5	—	—	—	—	5.4	17.1	22.5
6	—	—	—	—	—	—	—
7	—	—	—	—	—	31.4	31.4
8	0.2	2.3	2.7	0.5	0.0	—	5.7
9	—	—	—	—	—	—	—
10	—	—	—	—	—	1.1	1.1
11	0.0	—	—	—	—	—	0.0
12	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—
17	—	—	6.5	9.0	7.3	—	22.8
18	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—
平均 Mean	2.7	5.2	19.0	20.7	26.3	54.7	128.6

日 Day	氣溫(攝氏) AIR TEMPERATURE. (°C) 2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range
1	22.5	21.3	20.9	19.5	19.0	19.3	20.4	24.6	18.2	6.4
2	17.8	17.3	20.5	20.9	21.6	19.9	19.7	21.7	16.4	5.3
3	19.3	19.1	23.3	23.8	25.1	21.5	22.0	26.5	18.2	8.3
4	20.0	20.8	24.7	27.5	24.2	22.0	23.2	27.6	19.0	8.6
5	21.3	20.5	26.2	29.0	24.2	20.0	23.5	29.8	19.2	10.6
6	19.5	19.2	26.9	28.2	24.9	22.8	23.6	29.7	17.7	12.0
7	21.3	20.5	23.9	25.9	23.0	20.9	22.6	26.1	19.6	6.5
8	21.1	19.9	19.3	22.4	22.6	20.2	20.8	24.3	18.2	6.1
9	20.1	20.3	24.8	25.7	24.3	20.9	22.7	26.4	19.0	7.4
10	20.6	19.5	26.7	26.8	25.2	21.3	23.4	27.5	18.2	9.3
11	20.7	20.5	25.6	26.9	25.8	22.7	23.7	28.2	19.7	8.5
12	21.7	22.0	27.2	27.5	27.5	20.7	24.4	29.2	20.1	9.1
13	20.5	19.3	25.1	27.2	27.1	21.9	23.5	28.1	18.6	9.5
14	20.7	20.5	23.3	25.4	24.2	21.9	22.7	26.3	19.5	6.8
15	20.4	20.1	25.2	26.8	24.2	22.3	23.2	27.0	17.9	9.1
16	19.5	20.5	25.2	27.1	25.2	21.3	23.1	27.5	18.1	9.4
17	21.3	21.3	20.5	20.6	21.6	21.8	21.2	21.9	19.7	2.2
18	21.4	21.8	23.8	26.2	24.7	23.7	23.6	27.1	20.2	6.9
19	24.4	23.5	25.7	26.0	25.4	23.9	24.8	26.9	21.7	5.2
20	22.5	22.4	25.1	27.2	24.5	22.4	24.0	27.7	21.2	6.5
21	21.9	21.5	25.3	28.7	26.7	23.6	24.6	29.5	20.7	8.8
22	23.6	20.7	27.8	30.3	26.7	23.9	25.4	30.3	19.7	10.6
23	22.5	21.1	26.7	28.9	27.5	22.9	24.9	29.8	20.2	9.6
24	20.2	18.8	27.4	29.8	28.7	23.3	24.7	30.9	18.1	12.8
25	23.9	20.7	29.3	30.3	28.5	25.2	26.3	31.7	20.1	11.6
26	23.7	23.0	29.2	31.3	29.8	26.0	27.3	32.1	22.5	9.6
27	23.3	22.6	29.7	30.9	28.5	25.2	26.6	31.5	20.8	10.7
28	22.3	22.9	29.8	32.1	29.2	26.0	27.1	32.4	21.5	10.9
29	22.[illegible]	24.9	27.8	30.1	26.4	25.0	26.2	30.4	21.7	8.7
30	22.2	22.4	29.3	30.4	27.8	25.8	26.3	31.6	20.7	10.9
31	24.[illegible]	23.3	29.0	31.2	27.2	25.0	27.1	31.4	23.0	8.4
平均 Mean	21.5	21.1	25.7	27.2	25.5	22.7	24.0	28.2	19.7	8.6

日 Day	濕度(百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean
1	88	81	96	84	96	84	88
2	100	100	84	90	86	94	92
3	95	97	74	80	71	94	85
4	96	96	81	65	67	95	83
5	95	96	77	67	86	96	86
6	95	96	71	69	75	90	83
7	90	96	72	68	80	95	84
8	95	96	91	66	75	88	85
9	87	92	71	63	67	95	79
10	84	98	62	68	76	98	81
11	96	96	66	67	72	90	81
12	95	96	65	64	67	85	79
13	95	91	61	46	53	89	73
14	90	89	74	66	71	77	78
15	81	84	54	55	61	71	68
16	80	67	56	50	55	68	63
17	75	73	95	98	85	85	85
18	89	90	82	76	73	67	78
19	70	81	77	75	68	75	74
20	88	93	78	69	81	91	83
21	90	88	72	63	74	82	78
22	85	85	52	61	75	87	74
23	90	94	68	47	49	66	69
24	84	86	49	38	43	86	64
25	88	87	56	43	52	72	66
26	84	82	60	39	49	73	65
27	88	84	43	49	45	66	63
28	70	71	44	40	55	64	57
29	70	66	63	53	68	72	65
30	72	73	47	49	73	84	66
31	80	91	62	62	74	85	76
平均 Mean	87	88	68	62	68	82	76

日 Day	雲量(0-10)及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 6h	10h	14h	18h	22h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量(粍) AMOUNT OF EVAPORATION.
1	10 n	10 n	10 n	10 n	10 n	10.0	0.00	0.6
2	10 n	10 n	10 n	10 n, ku	10 n, sk	10.0	0.00	1.8
3	10 n	10 k, ku, c	10 k, ku	3 k, c	0 —	6.6	4.65	3.6
4	10 n, sk, k	2 c, k	0 k	7 ku, k	0 c	3.8	11.73	5.2
5	10 ck	10 ck, sk	6 ku, k	10 sk, ku	0 —	7.2	8.24	6.4
6	0 —	2 kc	8 k, ku, c	10 sk, n, c	0 —	4.0	12.77	5.2
7	10 sc	10 sc	10 sk, n	10 ku, n, k	10 sk	10.0	0.00	5.0
8	10 n	10 n	10 n	10 kc, ku	0 —	8.0	2.20	3.3
9	4 c, kc	8 ku, kc	9 sc, ck	10 sc, k	0 —	6.2	9.74	4.9
10	10 kc	10 kc, k	5 k, ku, c	6 kc, k	6 n, ku	7.4	10.67	5.7
11	2 kc	9 kc	8 ku kc	2 k	0 —	4.2	11.60	5.9
12	10 kc, ku	9 k, ku	5 kc, k	2 k	0 —	5.2	11.95	5.6
13	9 kc, k	3 c, k	1 k	1 k	0 —	2.8	10.89	7.0
14	10 kc, k	10 kc, k	5 c, k	3 c, k	0 —	5.6	12.75	7.3
15	2 k	1 k, c	2 c, k	10 cs, ck	4 c	3.8	13.74	7.9
16	3 ck	10 cs, c, k	2 c, k	10 sc, cs	10 sc	7.0	9.73	5.7
17	10 sk, sc	10 n	10 n	10 n, sk	10 sk	10.0	0.00	7.8
18	10 c, s	10 ku, k	2 c, k	0 —	0 —	4.4	10.76	6.5
19	1 k	9 s, kc	1 c, k	0 —	0 —	2.2	13.66	6.4
20	5 c, s	10 cs, k	7 c, k	9 c, k	5 c, k	7.2	13.70	6.3
21	3 kc	8 kc	0 —	0 k	0 —	2.2	13.10	7.4
22	0 —	0 —	0 —	10 n, sc	10 ck, kc	4.0	11.88	6.5
23	0 k	9 ck, k	5 c, k	1 c	0 —	3.0	10.90	7.2
24	0 —	0 k	0 —	0 —	10 c, cs	2.0	14.10	6.8
25	10 kc	1 c, k	1 k	0 —	1 c	2.6	12.18	7.8
26	10 kc	3 k	3 k	2 k	0 —	3.6	12.75	7.8
27	0 —	0 —	10 ck, c	0 —	0 —	2.0	12.11	9.0
28	0 —	0 —	0 k	8 cs	0 —	1.6	14.09	10.1
29	0 —	0 —	0 k	1 c, k	1 c	0.4	13.85	8.8
30	2 c	5 c, ck	3 cs, k	3 c	6 c, k	3.8	13.55	9.2
31	2 c	10 c, cs	10 kc	10 cs, ck	10 cs, ck	8.4	6.83	4.7
平均 Mean	5.6	6.4	4.9	5.4	3.3	5.1	304.12	193.4

※ 重力ノ更正 Reduction to standard gravity……— 0.3
海面ヘノ更正 Reduction to mean sea level……+ 0.3

奉　天

昭和六年七月　　MUKDEN.　　JULY, 19

日 Day	氣壓 ※(粍) AIR PRESSURE. (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean
1	44.6	42.9	41.1	39.5	39.1	40.0	41.2
2	40.2	41.0	41.1	41.9	42.0	43.7	41.7
3	44.5	45.2	46.2	45.9	46.2	47.5	45.9
4	47.7	48.0	48.4	47.4	47.4	48.3	47.9
5	48.2	48.8	48.6	47.0	47.1	47.3	47.8
6	47.4	47.8	47.7	46.8	47.1	48.5	47.6
7	48.8	49.6	50.0	48.9	48.7	48.6	49.1
8	47.9	47.3	47.7	47.4	47.6	47.6	47.5
9	48.4	49.5	49.6	48.8	48.6	50.0	49.2
10	50.2	51.1	52.0	51.3	50.9	52.2	51.3
11	52.3	53.0	53.2	51.8	51.5	52.6	52.4
12	52.7	52.8	52.5	51.6	51.3	52.2	52.2
13	52.6	53.4	54.0	52.6	52.4	53.5	53.1
14	53.7	54.6	54.6	53.4	52.9	54.4	53.9
15	54.6	54.8	55.0	53.9	53.4	54.4	54.4
16	53.8	53.4	53.5	51.9	51.0	51.7	52.6
17	51.4	50.3	49.6	48.7	48.4	48.3	49.5
18	47.6	47.3	46.7	45.7	45.1	47.3	46.6
19	45.8	46.0	46.2	45.0	46.4	47.4	46.1
20	47.5	48.6	49.2	48.6	48.3	49.7	48.7
21	50.1	51.0	51.3	50.3	49.6	51.0	50.6
22	51.5	51.5	51.9	51.5	51.2	52.6	51.7
23	52.8	53.8	54.0	53.3	52.6	53.7	53.4
24	53.5	53.9	53.6	52.2	51.5	51.7	52.7
25	51.4	51.5	51.0	48.9	47.9	48.9	49.9
26	49.0	49.5	50.1	49.5	49.6	50.7	49.7
27	51.1	51.6	51.7	51.1	50.6	51.5	51.3
28	51.6	52.0	51.4	49.9	49.3	50.4	50.8
29	50.5	50.9	50.6	49.6	49.3	50.6	50.3
30	50.9	50.7	50.7	49.6	49.7	51.6	50.5
31	51.6	52.2	53.0	52.1	53.5	54.7	52.9
平均 Mean	49.8	50.1	50.2	49.2	49.0	50.1	49.7

日 Day	風ノ方向及速度(米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h.
1	E	2.1	ENE	4.0	ENE	2.6	NNW	6.2	ENE	5.7	NE	5.5	2.9
2	NE	4.9	NNE	4.0	NE	6.4	ENE	6.1	E	4.0	ESE	1.3	4.5
3	E	3.0	E	2.0	ESE	1.6	NNW	2.3	—	0.3	SE	1.2	1.8
4	SE	2.3	SE	1.7	WSW	1.8	NW	2.5	NNE	3.4	SSE	2.5	2.2
5	SSE	1.1	SSE	1.0	NE	1.8	N	4.0	NNE	3.6	N	1.2	2.0
6	ESE	1.4	ESE	0.8	ESE	0.5	NNW	2.7	NNE	1.8	SSW	4.3	1.6
7	SSW	2.0	SSW	1.5	W	3.0	NNE	2.9	N	1.6	NE	4.0	2.9
8	NE	1.8	NE	2.8	N	4.5	N	2.2	NNE	2.8	NW	3.2	2.8
9	NW	1.1	SW	2.1	WSW	3.4	WSW	2.3	WSW	3.3	SW	2.7	2.5
10	SSW	2.8	S	2.5	SW	3.2	SSW	2.8	WNW	2.2	S	1.7	2.9
11	S	1.1	—	0.3	NW	1.7	W	0.8	SSW	3.4	—	0.3	1.5
12	SSE	1.1	SE	0.7	NE	6.0	NE	4.3	NE	4.7	NE	2.3	2.8
13	NE	2.3	ENE	3.3	N	2.9	NE	5.3	ENE	3.3	E	0.7	2.7
14	E	2.0	E	1.5	SW	4.1	WSW	2.7	SW	5.5	WSW	4.1	2.9
15	SSW	4.2	SSW	3.6	SSW	6.1	SSW	5.8	SSE	6.0	SSE	3.0	4.2
16	SSE	3.0	SSE	4.6	SSW	5.6	SW	8.1	SSW	6.9	SSW	5.1	5.6
17	S	4.4	S	4.1	S	4.6	SSE	5.3	S	5.3	SSE	4.1	4.7
18	SSW	1.5	S	3.6	WSW	6.9	W	8.3	WNW	6.9	WNW	6.6	5.3
19	W	4.3	WNW	4.4	WSW	2.0	WSW	5.8	NW	9.1	S	3.5	4.3
20	SSE	2.3	S	2.3	SW	2.0	W	3.9	WNW	2.3	WSW	4.2	2.5
21	SW	4.6	S	3.2	SW	2.5	WSW	3.6	WNW	2.6	WSW	3.3	3.3
22	SW	3.5	SW	3.2	W	5.4	W	3.7	NNE	4.9	NNE	2.8	3.9
23	NNE	1.9	NNE	4.1	NNE	4.3	NNE	4.3	NNE	4.7	NNE	3.5	3.4
24	NNE	0.6	ENE	1.8	ENE	3.4	NE	2.5	NNE	2.4	NNE	0.7	2.1
25	E	1.8	E	2.6	ESE	1.2	NNW	2.9	NNE	1.8	ESE	2.0	1.9
26	SSW	1.9	NNW	1.2	NNW	2.3	NNW	3.3	NNE	3.1	—	0.0	2.1
27	S	1.5	SE	3.1	SE	1.9	SSW	1.8	S	1.7	SSW	3.1	2.0
28	S	2.0	SE	3.5	SSW	4.7	SW	6.7	WSW	5.0	SW	2.9	3.9
29	S	3.9	S	4.3	SW	7.9	SW	9.8	SSW	5.9	SW	5.1	5.9
30	SW	2.5	S	2.3	SW	8.6	SSW	7.2	SSW	6.4	S	2.2	4.9
31	S	3.2	S	4.0	SW	7.1	WSW	7.4	ESE	4.1	SE	4.5	4.7
平均 Mean		2.5		2.7		3.9		4.4		4.0		3.0	3.2

日 Day	降水量(粍) AMOUNT OF PRECIPITATION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h
1	—	—	—	0.0	0.2	
2	1.5	0.5	0.0	0.3	0.0	
3	0.1	0.5	0.0	0.0	0.1	
4	—	—	—	—	—	
5	—	—	—	—	—	
6	—	—	—	—	—	
7	—	—	—	0.0	0.0	
8	—	—	0.2	2.6	1.6	
9	—	—	—	—	—	
10	—	—	—	—	—	
11	—	—	—	1.1	—	
12	—	—	—	—	—	
13	—	—	—	—	—	
14	—	—	—	—	—	
15	—	—	—	—	0.1	
16	—	—	—	0.0	—	
17	—	—	0.5	3.3	3.0	
18	—	—	—	—	—	
19	0.7	—	—	0.1	0.4	
20	—	—	—	—	—	
21	—	—	—	—	—	
22	—	—	—	0.0	—	
23	—	—	—	—	—	
24	—	—	—	—	—	
25	—	—	—	—	—	
26	—	0.2	—	—	—	
27	—	—	—	—	—	
28	—	—	—	—	—	
29	—	—	—	—	—	
30	—	—	—	—	—	
31	—	0.5	—	—	14.1	
平均 Mean	2.3	1.7	0.7	7.4	19.5	

日 Day	氣溫(攝氏) AIR TEMPERATURE. (°C) 2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range
1	23.5	23.3	25.8	25.6	24.9	19.3	23.7	26.0	19.3	6.7
2	17.6	17.9	22.0	20.6	21.9	19.7	20.0	22.9	17.2	5.7
3	19.5	19.4	24.0	26.4	26.8	21.5	22.9	27.2	18.9	8.3
4	19.6	20.5	26.5	29.8	29.0	21.7	24.5	30.4	18.6	11.8
5	19.5	19.9	27.4	29.6	27.9	23.6	24.7	29.8	18.7	11.1
6	18.7	20.9	26.9	30.1	30.0	22.2	24.8	31.6	17.9	13.7
7	20.2	21.0	25.3	24.9	23.4	21.6	22.7	27.1	19.9	7.2
8	19.8	18.9	20.8	20.6	21.4	20.1	20.3	21.6	18.6	3.0
9	18.3	18.2	24.8	28.1	27.0	21.6	23.0	28.7	17.4	11.3
10	19.6	20.2	24.8	27.2	26.2	21.4	23.2	28.8	18.7	10.1
11	20.4	21.0	25.3	28.7	25.8	21.2	23.7	29.8	19.8	10.0
12	20.4	20.3	26.9	27.2	26.6	21.3	23.8	27.6	18.9	8.7
13	17.9	18.3	23.4	27.3	27.4	19.4	22.3	28.1	16.2	11.9
14	16.4	18.4	24.9	29.6	28.0	21.9	23.2	30.8	15.2	15.6
15	19.5	20.3	24.2	26.0	25.1	20.8	22.7	26.0	19.3	6.7
16	17.8	19.3	25.6	27.6	25.9	21.3	22.9	28.5	17.2	11.3
17	19.7	19.6	21.2	19.7	19.1	18.5	19.6	21.3	18.4	2.9
18	18.5	19.3	25.4	28.6	27.1	22.2	23.5	29.1	17.3	11.8
19	20.1	20.2	26.9	29.5	21.5	19.8	23.0	31.1	17.6	13.5
20	19.3	19.7	25.7	29.8	30.2	21.8	24.4	30.9	18.1	12.8
21	21.3	21.1	27.0	31.1	31.4	23.4	25.9	32.2	19.8	12.4
22	20.8	21.7	28.2	30.0	28.9	23.8	25.6	31.3	19.8	11.5
23	20.4	20.3	25.8	27.9	27.1	22.5	24.0	28.6	19.0	9.6
24	17.7	20.0	27.2	28.3	29.0	21.5	24.0	30.1	17.5	12.6
25	17.9	19.3	28.7	31.0	31.2	20.8	24.8	32.2	16.7	15.5
26	20.3	20.8	27.1	30.1	29.1	21.9	24.9	31.0	20.1	10.9
27	19.4	20.7	29.3	32.5	31.1	21.1	26.2	33.5	18.4	15.1
28	21.5	22.6	30.5	34.2	32.4	24.7	27.7	34.6	20.5	14.1
29	23.0	23.8	30.5	33.3	30.7	25.6	27.8	34.0	22.0	12.0
30	21.9	22.0	30.2	32.1	30.1	24.7	26.8	33.2	20.0	13.2
31	24.1	24.5	30.4	32.4	24.3	23.2	26.5	33.5	23.0	10.5
平均 Mean	19.8	20.4	26.2	28.4	27.1	21.8	24.0	29.4	18.7	10.7

日 Day	濕度(百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean
1	82	80	65	73	57	79	73
2	87	92	72	84	80	94	85
3	90	91	70	60	60	96	78
4	99	94	70	45	49	95	75
5	99	100	57	37	41	67	67
6	98	89	62	40	38	87	69
7	94	92	71	76	79	73	81
8	84	86	80	91	85	91	86
9	98	99	73	50	57	86	77
10	88	91	66	59	65	89	76
11	98	95	68	54	68	94	80
12	99	99	46	43	46	61	66
13	81	71	55	40	40	83	62
14	99	93	68	45	53	73	72
15	91	82	61	56	62	85	73
16	97	77	52	45	52	63	64
17	71	80	77	97	97	95	86
18	96	89	70	52	48	68	71
19	77	82	50	50	81	87	71
20	96	100	58	38	38	94	71
21	96	89	62	45	42	77	69
22	95	86	54	55	48	63	67
23	83	86	55	50	48	66	65
24	94	80	48	45	40	75	64
25	95	88	52	32	37	94	66
26	100	98	54	45	41	83	71
27	96	83	60	46	55	82	70
28	93	87	53	45	45	86	68
29	93	80	57	48	62	82	70
30	100	88	52	51	59	84	72
31	85	86	70	64	100	100	84
平均 Mean	92	88	62	54	57	82	72

日 Day	雲量(0-10)及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 6h	10h	14h	18h	22h	平均 Mean.	日照時數 NO. OF HOURS WITH SUN
1	10 sc, kc	10 sc, sk	10 n, s	10 sk, s	10 n	10.0	0.0
2	10 n	10 s, sk	10 n	10 sk, s	10 s	10.0	0.6
3	10 s	10 sk, kc	10 n, sk	10 s, n	1 sk	8.2	5.9
4	0 k	10 cs, sk	9 k, c	8 c, k	0 —	5.4	13.7
5	10 ☰	7 sk, ck	3 c, k	2 c, kn	3 sk	5.0	11.4
6	0 —	3 k	2 k	8 c, k	0 —	2.6	14.1
7	10 sc, sk	10 sk, sc	10 s, sk	10 sk, s	10 s, sk	10.0	4.4
8	10 s	10 s, sc	10 n	10 s, sk	10 s	10.0	0.0
9	8 kc, sk	8 k, ck	10 ck, k	10 cs, ck	2 sk	7.6	10.2
10	10 sk, kc	10 sk	10 sk, k	9 ck, kn	5 kn	8.8	5.6
11	5 cs, sk	10 k, sk	7 k	5 k, kn	0 —	5.4	7.7
12	2 s	1 k	0 k	0 —	0 —	0.6	12.3
13	2 c, ck	3 c, sk	0 k	0 —	0 —	1.0	14.0
14	8 c	10 ck, sk	9 k, sk	8 k, c	0 —	7.0	13.8
15	10 sc, ck	10 sc, sk	10 sc, sk	9 ck, sk	0 ck	7.8	1.2
16	2 ck	10 sk, ck	7 ck, sk	10 cs, sk	3 s	6.4	11.3
17	10 sk, s	10 n	10 n	10 n, s	10 s	10.0	0.0
18	10 sk	10 sk, k	8 k, sk	0 —	10 n	7.6	10.7
19	0 —	8 ck	5 k, ck	10 kn	0 —	4.6	9.8
20	10 ☰	2 c	3 k, c	0 k	0 —	3.0	12.5
21	0 ck	3 sk, k	7 k, sk	0 k	0 —	2.0	13.1
22	1 sk, ck	7 ck	8 sk, k	10 kc, kn	8 sk, ck	6.8	10.3
23	8 kc	8 k, c	7 k, sk	0 k	0 —	4.6	13.8
24	0 —	1 k, c	7 k, sk	0 k	0 ck	1.6	12.5
25	1 ck	1 k	2 k, c	5 c, sk	9 s	3.6	12.6
26	9 sk, ck	1 k	6 k	0 —	0 —	3.2	12.6
27	0 s	6 sk, ck	4 k, ck	2 k, ck	0 —	2.4	12.5
28	9 sk, ck	1 ck	2 k	1 k	0 —	2.6	13.9
29	0 —	0 —	0 k	3 sk	0 —	0.6	13.3
30	0 —	0 —	3 ck	1 c	5 ck	1.8	12.2
31	8 c, ck	9 c, ck	10 sk, kn	10 kn	10 n, s	9.4	9.1
平均 Mean	5.6	6.4	6.4	5.5	3.4	5.5	295.7

※ 重力ノ更正　Reduction to standard gravity……— 0.2
海面ヘノ更正　Reduction to mean sea level……+ 3.8

長　春

六年七月　　CHANGCHUN.　　JULY, 1931.

氣壓 (粍) AIR PRESSURE. (mm) (700 mm +)						風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.												降水量 (粍) AMOUNT OF PRECIPITATION. (mm)						
6h	10h	14h	18h	22h	平均 Mean	2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h.	22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
31.1	29.3	28.6	26.7	27.3	29.6	SSE	0.5	SSE	1.8	E	5.3	E	4.7	ENE	3.9	E	2.1	2.6	—	—	—	—	—	—	—
28.5	29.0	29.1	29.2	30.9	29.0	E	0.9	SE	1.3	E	2.9	ESE	5.0	S	2.9	S	0.8	2.1	—	1.7	0.5	—	—	—	2.2
31.3	31.5	31.1	31.9	33.9	31.8	S	0.7	SE	2.1	E	4.7	SE	3.5	NE	4.1	E	2.6	2.2	—	—	—	—	—	—	—
34.0	32.7	32.9	33.5	34.0	33.5	ENE	1.4	NE	2.7	ENE	4.7	ENE	4.7	N	2.1	E	3.1	2.8	—	—	—	—	—	—	—
34.5	34.5	33.3	33.8	33.5	34.0	E	1.3	N	2.6	E	2.0	E	5.3	E	3.9	E	1.8	2.5	—	—	—	—	—	—	—
34.4	33.5	31.6	32.5	33.2	33.2	E	1.3	E	1.4	SSW	0.8	WNW	1.5	NE	2.6	NE	2.3	1.2	—	—	—	—	0.0	0.2	0.2
35.2	36.2	35.2	35.6	35.2	35.3	NE	1.6	N	3.2	NE	2.0	NE	4.1	NE	3.2	NE	0.9	2.1	—	—	—	—	—	—	—
34.7	33.8	32.5	32.3	32.5	33.5	NE	1.4	NE	1.4	ENE	2.1	E	3.4	E	1.4	SE	1.1	1.8	—	—	—	—	—	0.0	0.0
33.5	34.2	34.1	34.6	35.1	34.1	—	0.2	SE	1.4	SE	1.1	NE	1.5	ENE	1.4	E	1.1	1.0	0.1	0.5	0.3	0.5	0.2	—	1.6
36.2	37.0	36.4	37.0	38.0	36.7	E	0.8	E	2.1	SE	2.5	S	2.6	S	2.1	S	1.3	1.5	—	2.1	—	—	7.3	—	9.4
38.6	39.2	38.3	37.9	38.5	38.5	S	2.0	SSE	1.5	E	3.2	E	5.0	SE	3.7	E	0.5	2.2	—	—	—	—	—	—	—
39.4	38.9	38.1	37.9	38.6	38.6	E	0.8	E	1.2	E	5.4	E	5.8	ESE	4.7	ESE	0.5	2.5	—	—	—	—	—	—	—
39.4	39.4	38.0	37.4	38.0	38.5	ESE	0.8	ENE	0.6	ENE	3.1	ENE	4.7	E	2.9	SE	1.1	1.8	—	—	—	—	—	—	—
39.6	39.2	38.3	37.6	38.3	38.6	SSW	1.4	SSW	1.5	S	1.8	SE	1.4	SE	2.0	S	1.0	1.2	—	—	—	—	—	—	—
39.0	39.2	37.7	36.7	37.7	38.1	S	0.9	S	1.3	SW	2.1	S	2.5	SSW	2.7	WSW	1.2	1.5	—	—	—	—	—	—	—
38.3	37.5	35.6	34.6	34.7	36.5	SW	1.4	SSW	1.8	S	5.6	SW	4.7	SE	4.1	SW	1.6	2.3	—	—	—	—	—	—	—
34.6	34.6	34.6	33.4	32.4	34.0	SW	2.7	S	2.3	S	4.1	S	4.1	S	3.1	S	3.7	2.6	—	—	1.5	3.7	5.1	0.9	11.2
32.0	29.8	28.7	28.5	29.5	30.1	S	2.9	S	3.2	WSW	5.8	SW	5.3	SW	3.0	SW	0.9	3.1	1.0	1.8	—	—	—	1.4	4.2
29.3	29.7	29.7	29.5	32.6	30.0	SW	3.0	SW	2.1	SW	2.9	W	5.1	N	1.8	NW	0.9	2.6	3.5	—	—	—	—	1.1	4.6
32.3	32.9	32.6	34.2	34.6	33.0	S	2.1	SW	1.6	SW	2.8	W	2.9	W	1.6	WNW	0.6	1.8	8.8	4.0	—	—	—	—	12.8
35.3	35.9	35.2	34.6	35.6	35.2	SSE	0.9	S	1.3	WSW	1.8	W	1.5	NW	0.7	NW	0.5	1.0	—	—	—	—	—	—	—
36.4	37.3	36.0	37.4	38.2	36.8	NW	1.6	W	1.4	NW	2.6	N	2.0	NE	3.6	NE	0.7	1.9	—	13.0	—	—	—	—	13.0
39.0	39.3	39.4	38.4	39.1	39.0	NE	1.1	NE	2.3	NE	3.5	NE	2.5	N	1.8	E	1.5	1.7	—	—	—	—	—	—	—
39.0	38.6	36.8	36.5	36.7	37.8	—	0.3	E	0.6	NE	1.6	W	1.9	W	0.8	W	1.6	0.7	—	—	—	—	—	—	—
35.2	34.9	33.4	32.9	33.0	34.2	—	0.4	W	0.9	NW	2.9	W	3.1	WNW	0.6	—	0.0	1.4	—	—	—	0.2	2.8	—	3.0
34.7	34.9	34.6	34.3	35.6	34.6	N	0.6	N	0.9	NE	4.2	NE	2.7	N	2.3	N	0.7	1.4	—	—	—	—	—	—	—
36.9	37.2	36.8	35.4	36.8	36.5	—	0.0	N	0.7	E	1.8	NE	1.3	—	0.4	E	0.9	0.7	—	—	—	—	—	—	—
37.5	36.9	35.4	34.7	35.6	36.2	E	1.5	E	1.6	SSW	2.8	SW	1.8	S	1.8	SE	1.8	1.5	—	—	—	—	—	—	—
35.5	35.2	34.3	33.7	34.9	34.9	SE	1.8	ESE	1.9	SW	5.4	SW	4.1	SW	1.5	W	1.4	2.2	—	—	—	—	—	—	—
34.9	35.2	34.0	34.3	35.7	34.8	SW	1.5	S	1.9	SW	4.1	SW	5.0	SW	3.1	WSW	2.0	2.5	—	—	—	—	—	—	—
36.9	37.5	36.6	37.2	38.6	37.1	W	1.6	W	0.9	W	2.6	W	1.9	N	1.5	—	0.1	1.7	—	—	—	—	—	3.7	3.7
35.4	35.3	34.5	34.3	35.1	34.9		1.3		1.7		3.2		3.4		2.4		1.3	1.9	13.4	23.1	2.3	4.4	15.4	7.3	65.9

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 (粍) AMOUNT OF EVAPORATION. (mm)
6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range	2h	6h	10h	14h	18h	22h	平均 Mean	6h	10h	14h	18h	22h	平均 Mean		
21.5	29.6	28.2	28.5	24.0	25.2	30.7	19.2	11.5	94	85	51	46	51	78	68	10 c	10 cs	10 sc	10 sc	10 s	10.0	8.90	5.9
19.0	24.3	27.0	23.6	19.1	22.5	28.2	18.5	9.7	79	97	67	60	75	90	78	10 n	10 sc	9 sk	10 sk	10 c	9.8	4.10	6.5
19.2	27.1	30.6	26.0	21.2	23.7	31.2	17.0	14.2	92	86	53	45	70	78	71	10 c	0 c	4 k	0 —	0 —	2.8	10.80	8.7
20.4	26.0	27.2	24.7	21.1	22.9	28.2	16.8	11.4	90	85	51	59	59	69	67	0 —	0 —	10 sk	10 sk	0 —	4.0	10.50	9.9
16.1	25.5	28.0	25.6	18.8	21.5	28.7	14.5	14.2	87	88	54	46	54	69	66	0 —	0 s	0 —	0 —	0 —	0.0	13.60	8.8
19.2	26.7	29.4	22.3	19.8	22.3	31.2	15.3	15.9	87	68	48	37	90	91	70	0 —	1 c	0 k	10 sk	0 sk	2.2	11.30	8.2
15.3	17.6	22.0	22.2	18.0	18.5	24.7	15.0	9.7	99	95	80	63	66	85	81	10 sc	10 sk	10 sk	10 sk	10 s	10.0	5.00	5.0
16.0	22.3	24.7	22.6	21.3	20.5	25.3	15.0	10.3	93	95	74	66	75	76	80	4 sk	10 sc	10 sc	10 sc, sk	10 n	8.8	1.90	2.9
17.8	19.5	21.6	21.2	18.2	19.4	22.0	17.3	4.7	94	99	91	80	78	98	90	10 sc	10 n	10 s	10 sk	8 kc	9.6	0.00	2.1
18.0	26.8	26.4	21.0	17.9	21.3	29.3	17.2	12.1	100	98	62	70	87	98	86	8 sk	9 sk	10 sk	1 sk	0 —	5.6	8.50	6.1
16.5	24.0	27.8	27.2	19.7	21.8	28.7	14.5	14.2	98	95	69	49	52	87	75	10 kc	4 sk	4 k	10 sk	10 sk	7.6	11.80	9.9
15.6	25.1	27.1	25.1	18.7	21.4	27.8	15.1	12.7	90	93	52	41	52	81	68	0 —	0 —	0 —	0 —	0 —	0.0	14.40	7.8
16.7	26.2	28.8	28.0	20.1	22.6	29.7	14.0	15.7	93	84	55	49	47	58	64	10 c	0 k	10 sk	7 sk	8 sk	7.0	13.80	8.6
15.8	26.7	29.1	26.7	21.1	22.7	30.2	15.5	14.7	61	69	52	42	46	70	57	10 sk	10 ck	6 c	10 c	0 —	7.2	11.40	9.0
17.7	27.7	29.9	26.4	20.2	23.1	30.3	16.0	14.3	80	83	64	53	38	74	65	8 c	0 k	0 sk	0 —	0 —	1.6	14.40	8.5
18.6	27.7	29.9	26.7	21.6	23.7	31.2	17.9	13.4	81	89	57	41	61	78	68	0 —	0 sk	1 c, k	10 c, kc	0 —	2.2	12.90	8.9
19.3	18.1	18.6	18.6	17.4	18.8	21.7	17.4	4.3	77	84	99	99	100	100	93	10 sc	10 n	10 n	10 n	10 n	10.0	0.00	1.5
17.0	23.9	26.6	24.8	16.8	21.1	27.4	16.4	11.0	95	95	72	60	68	96	81	0 —	5 s	7 sk	0 —	0 —	2.4	9.80	7.8
17.0	24.5	26.2	22.4	16.2	20.5	26.2	15.3	10.9	96	93	67	64	60	86	78	8 sk	0 s	0 —	10 kn	10 n	5.6	13.10	6.2
14.2	25.3	26.9	24.9	18.0	20.7	27.8	13.9	13.9	89	92	71	58	75	99	81	0 —	0 —	0 —	0 —	0 —	0.0	14.10	7.9
16.7	27.5	29.4	26.8	23.0	23.4	30.5	15.5	15.0	97	93	64	51	60	63	71	0 —	1 k	2 k	0 —	4 kn	1.4	13.90	6.1
18.1	21.6	23.8	21.3	19.4	20.5	24.2	17.2	7.0	86	94	86	75	93	98	89	10 s	10 sk	1 s	8 sk	1 sk	6.0	5.00	6.8
21.7	24.2	23.0	18.2	19.7	25.4	14.7	10.7	100	100	71	64	77	94	84	10 sc	1 s	4 k	2 k	0 —	3.4	11.60	6.3	
24.1	27.1	23.8	20.9	21.2	28.2	14.7	13.5	98	99	67	60	89	84	83	0 —	3 k	1 k	10 c, sk	0 sk	2.8	13.70	7.9	
28.0	25.6	20.4	19.2	21.4	20.3	16.8	12.5	98	90	66	76	98	96	87	1 c	10 c, ck	10 n, kn	10 sk	10 s	8.2	8.30	4.5	
23.9	25.5	25.1	19.0	21.3	29.4	15.6	13.8	99	95	75	76	80	98	87	0 —	1 k	5 k	6 sc	0 —	2.4	10.35	6.5	
26.2	27.9	27.5	20.3	22.6	29.1	15.9	13.2	100	92	82	46	44	76	73	0 —	0 k	0 —	0 —	0 —	0.0	13.20	7.5	
29.5	32.7	28.4	22.8	25.0	32.9	15.8	17.1	76	76	46	33	44	63	56	0 —	0 —	5 c	7 c	0 —	2.4	13.40	8.9	
29.8	33.1	31.1	24.8	26.6	33.7	19.3	14.4	65	73	51	45	49	71	59	0 —	10 c	4 c	0 —	0 —	2.8	13.40	8.8	
29.2	33.5	28.8	25.3	27.0	33.7	21.0	12.7	85	90	47	39	58	68	65	10 cs	0 —	0 —	0 —	1 c	2.2	13.25	9.5	
29.9	32.4	22.8	21.6	25.3	32.4	21.5	10.9	78	84	57	52	94	98	77	10 c, sk	10 s	4 k	10 kn	10 s	8.8	8.50	9.1	
25.4	27.5	24.8	20.1	22.2	28.7	16.4	12.2	89	89	65	55	67	83	75	5.1	4.4	4.7	5.8	3.6	4.7	314.90	220.3	

※ 重力ノ更正　Reduction to standard gravity ……— 0.1
海面ヘノ更正　Reduction to mean sea level ……+ 18.5

旅順

RYOJUN.

昭和六年七月 JULY, 1931.

日 Day	氣壓 ※(粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	36.1	32.8	36.3	35.1	ENE	10.9	NE	5.3	NE	4.1	7.1	8.0	20.3	17.7	46.0
2	38.7	40.7	42.5	40.6	W	6.4	W	3.6	NW	1.2	3.5	0.8	—	—	0.8
3	43.0	44.0	45.5	44.2	WNW	1.2	WNW	4.7	WNW	2.1	2.9	—	0.2	—	0.2
4	45.7	46.6	47.0	46.4	N	3.0	SSE	2.3	—	0.0	1.4	—	—	—	—
5	46.4	46.2	45.5	46.0	—	0.2	SE	2.5	—	0.1	1.5	—	—	—	—
6	45.1	45.9	46.9	46.0	N	3.5	SSE	1.2	ESE	1.3	1.6	—	—	—	—
7	46.7	46.2	45.7	46.2	ESE	1.5	ESE	4.7	ESE	2.8	1.7	—	0.0	4.0	4.0
8	44.6	45.4	46.7	45.6	S	0.5	N	3.9	NW	3.0	2.2	20.8	0.8	—	21.6
9	48.2	48.3	48.1	48.2	—	0.0	SSE	2.7	SSE	0.9	1.7	—	—	—	—
10	48.2	49.2	49.3	48.9	ESE	1.8	ESE	2.9	ESE	3.9	2.8	—	—	—	—
11	49.2	49.8	49.9	49.6	E	2.3	ESE	4.4	E	2.6	3.4	—	0.3	—	0.3
12	49.9	50.5	50.6	50.3	ENE	2.9	SSE	2.9	WSW	0.9	2.1	—	—	—	—
13	50.9	51.2	51.6	51.2	WNW	2.2	SSE	4.4	SE	1.1	1.8	—	—	—	—
14	52.8	53.3	53.2	53.1	—	0.2	SE	2.0	SSE	0.9	1.8	—	—	—	—
15	53.7	53.6	52.8	53.4	—	0.4	SSE	3.5	ESE	1.5	2.1	—	—	—	—
16	52.0	51.1	49.5	50.9	S	1.9	SSE	5.6	SSE	3.5	3.5	—	—	—	—
17	48.8	48.1	47.3	48.1	S	2.3	SSE	0.6	S	3.7	2.3	—	5.0	1.5	6.5
18	46.9	46.3	45.9	46.4	WSW	2.7	W	3.5	W	5.3	4.1	—	—	—	—
19	45.9	45.9	46.0	45.9	W	6.1	W	11.1	WSW	6.3	7.3	—	—	—	—
20	47.1	48.2	48.4	47.9	WSW	4.7	WSW	5.1	WSW	2.9	4.4	—	—	—	—
21	48.8	49.6	49.9	49.4	W	5.8	W	5.1	—	0.0	3.8	—	—	—	—
22	50.7	50.7	50.3	50.6	—	0.0	WSW	4.1	—	0.2	1.0	—	—	—	—
23	50.7	51.5	51.1	51.1	W	2.7	S	2.6	N	2.2	1.9	—	—	—	—
24	50.7	50.7	50.2	50.5	NE	2.0	S	2.3	—	0.0	1.2	—	—	—	—
25	48.9	48.3	47.7	48.3	—	0.0	W	3.7	WNW	3.2	1.8	—	—	—	—
26	48.1	48.5	49.0	48.5	WNW	2.9	W	6.2	—	0.1	3.9	—	—	—	—
27	49.8	50.0	49.6	49.8	WNW	1.5	SSE	2.1	—	0.1	0.8	—	—	—	—
28	50.0	49.9	49.9	49.9	WSW	0.9	S	0.9	—	0.4	1.0	—	—	—	—
29	50.2	49.9	49.8	50.0	WSW	1.6	SSE	3.4	SSE	0.6	1.1	—	—	—	—
30	50.0	50.0	50.7	50.2	—	0.4	SSE	1.6	SSE	1.1	1.0	—	—	—	—
31	51.0	51.8	51.0	51.3	SSE	1.5	SSE	2.9	SE	2.3	2.1	—	—	—	—
平均 Mean	48.0	48.2	48.3	48.2		2.4		3.6		1.9	2.5	29.6	26.6	23.2	79.4

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	17.2	18.4	17.4	17.7	20.5	15.6	4.9	94	95	100	96	10 n	10 n	10 sk	10.0	0.00	1.9
2	17.2	21.3	18.0	18.8	23.1	15.8	7.3	98	77	91	89	10 s	10 sk	3 sk	7.7	4.20	3.6
3	17.4	23.5	19.0	20.0	24.1	16.5	7.6	93	66	93	84	10 sk	9 sk, kc	4 sk, kc	7.7	8.56	5.8
4	18.1	22.0	18.8	19.6	24.5	17.1	7.4	100	82	97	93	10 ☰	10 s	2 c	7.3	13.10	5.1
5	18.4	25.8	20.5	21.6	27.8	17.0	10.8	91	60	95	82	0 ck	4 ck, sk	8 sk, s	4.0	13.30	6.7
6	19.2	24.1	19.7	21.0	25.9	18.2	7.7	83	73	99	85	7 ck, c	9 c, sk	8 c, sk	8.0	11.51	3.5
7	18.4	19.6	19.5	19.2	21.2	17.5	3.7	94	100	100	98	10 s, ck	10 s	10 n	10.0	0.00	0.7
8	18.8	20.6	19.8	19.7	22.7	17.3	5.4	98	64	63	75	10 n	10 sk	3 sk	7.7	4.20	4.0
9	17.8	24.3	18.8	20.3	26.2	16.7	9.5	91	60	98	83	6 ck, c	9 kc, sk	0 —	5.0	8.95	5.2
10	18.9	22.8	18.7	20.1	24.7	17.7	7.0	100	80	92	91	10 ☰	10 s	10 s	10.0	5.53	3.6
11	19.8	21.2	19.5	20.2	22.7	17.7	5.0	97	69	67	78	10 s	10 sk	10 sk	10.0	3.43	5.6
12	20.3	21.6	18.7	20.2	25.4	18.1	7.3	70	77	92	80	8 sk	10 sk	0 —	6.0	10.90	4.4
13	17.9	23.6	18.2	19.9	24.7	17.0	7.7	97	72	94	88	1 c, sk	3 k	0 —	1.3	11.25	6.4
14	17.2	23.8	18.4	19.8	24.3	16.3	8.0	95	63	85	81	0 —	0 ck	0 —	0.0	13.90	6.6
15	17.6	23.1	19.7	20.1	24.3	16.9	7.4	100	69	91	87	2 c	2 c	0 —	1.3	13.26	6.7
16	17.9	23.2	20.5	20.5	24.2	17.1	7.1	98	73	89	87	1 c	4 c, k	6 sk	3.7	12.00	4.4
17	19.4	19.8	19.6	19.6	21.8	18.1	3.7	91	99	98	96	10 k, sk	10 n	10 s	10.0	0.00	1.0
18	20.0	24.7	21.9	22.2	24.7	18.7	6.0	96	80	78	85	10 sk, c	10 s	0 —	6.7	7.19	4.7
19	21.0	26.3	23.3	23.5	28.3	19.6	8.7	85	57	79	74	1 c	7 c	0 —	2.7	12.71	7.0
20	20.6	22.7	20.8	21.4	25.2	19.0	6.2	76	79	76	77	10 sk	10 sk	10 sk, k	10.0	3.60	4.2
21	19.8	25.6	20.8	22.1	26.9	18.1	8.8	83	70	83	79	0 sk	0 —	0 —	0.0	13.85	6.0
22	18.1	28.4	20.9	22.5	29.1	17.0	12.1	99	63	88	83	1 ck	0 kc	0 —	0.3	13.40	6.7
23	21.2	25.6	21.3	22.7	29.6	19.6	10.0	91	75	76	81	6 c, sk	3 k	0 —	3.0	11.80	7.2
24	20.8	26.4	20.6	22.6	29.4	20.0	9.4	95	73	90	86	4 kc	1 k, cs	0 —	1.7	13.78	6.7
25	19.4	25.4	21.3	22.0	28.3	18.2	10.1	100	71	80	84	10 s	8 k	0 —	6.0	12.55	6.6
26	20.4	28.4	22.5	23.8	29.3	19.3	10.0	98	64	72	78	0 —	0 —	0 —	0.0	13.30	7.1
27	22.0	27.4	21.5	23.6	30.3	20.3	10.0	64	66	99	76	0 —	0 —	9 c, s	3.0	13.15	5.7
28	23.0	27.2	22.1	24.1	30.5	20.7	9.8	84	66	91	80	8 c	7 c	6 c	7.0	11.03	6.9
29	20.8	26.6	22.1	23.2	27.9	20.3	7.6	94	69	94	86	4 kc	10 kc, c	10 kc, sk	8.0	13.00	5.7
30	21.4	25.2	22.2	22.9	27.9	20.7	7.2	100	74	95	90	10 sk	8 kc	3 c	7.0	7.60	3.5
31	21.5	26.4	22.8	23.6	28.5	20.7	7.8	96	70	100	89	2 c, cs	10 cs	10 ☰	7.3	9.10	3.5
平均 Mean	19.4	24.0	20.3	21.2	25.9	18.2	7.8	92	73	89	84	5.8	6.6	4.3	5.6	290.15	159.6

※ 重力ノ更正 Reduction to standard gravity……— 0.4
海面ヘノ更正 Reduction to mean sea level……+ 6.9

鞍山
ANSHAN.

昭和六年七月 JULY, 1931.

日 Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total.
1	44.1	41.9	40.7	42.2	ESE	2.7	ENE	1.8	E	3.8	2.7	0.0	1.4	10.8	12.2
2	40.8	42.0	44.2	42.3	ENE	2.7	E	4.7	—	0.0	2.5	0.9	1.8	2.5	5.2
3	44.8	47.0	47.8	46.5	E	1.5	SSE	2.4	SSE	1.7	1.8	2.9	0.5	—	3.4
4	49.1	48.9	49.1	49.0	SW	1.8	SW	2.3	SW	3.6	2.8	1.2	—	5.5	6.7
5	49.2	48.9	48.4	48.8	SW	0.7	E	2.0	SSW	3.8	2.2	—	0.0	—	0.0
6	49.2	48.6	52.9	50.6	SSW	2.8	NE	2.5	SSW	3.4	1.5	—	—	—	—
7	49.8	50.8	49.8	50.1	WSW	1.8	ENE	2.3	ENE	2.0	1.8	—	—	—	—
8	48.3	49.0	49.2	48.8	NE	0.7	NE	5.8	W	2.3	2.8	0.0	1.8	0.0	1.8
9	50.0	49.8	51.0	50.3	SW	2.1	SSW	2.8	SSW	4.7	2.8	—	—	—	—
10	51.6	52.1	53.5	52.4	ESE	0.8	SSW	2.6	S	1.7	1.6	—	—	—	—
11	52.8	52.4	53.8	53.0	E	1.7	E	2.3	SW	1.3	1.9	—	—	0.0	0.0
12	53.1	53.2	52.6	53.0	S	1.0	ENE	3.4	ENE	1.3	2.5	0.7	—	—	0.7
13	53.9	54.1	54.1	54.0	ESE	0.6	NE	2.9	SSE	0.7	1.9	—	—	—	—
14	55.0	55.1	54.9	55.0	SW	2.9	WSW	2.8	SSW	2.7	3.3	—	—	—	—
15	55.8	55.5	55.0	55.4	SSW	4.7	SW	4.1	SW	1.8	3.6	—	—	—	—
16	55.1	53.8	53.0	54.0	S	2.3	SSW	4.7	SSW	3.6	3.7	—	—	—	—
17	51.1	49.6	50.6	50.4	SSW	2.8	SSW	2.8	SW	2.3	3.2	0.0	2.9	0.5	3.4
18	48.5	57.5	47.2	51.1	S	3.5	SW	5.4	SSW	3.3	4.2	4.1	—	—	4.1
19	47.9	42.5	49.5	46.6	SW	4.1	SW	5.4	SW	2.3	4.0	—	—	—	—
20	48.9	50.3	50.8	50.0	SSW	2.8	W	1.2	SW	2.3	2.5	—	—	—	—
21	53.0	51.3	53.0	52.4	SSW	1.7	WSW	2.8	SW	2.8	2.5	—	—	—	—
22	51.9	52.4	53.1	52.5	SSW	2.6	SW	3.3	SE	1.8	3.1	—	—	—	—
23	54.5	54.1	54.8	54.5	NNW	1.5	NE	2.9	SE	0.6	2.0	—	—	—	—
24	54.2	53.5	52.4	53.4	—	0.0	ENE	3.7	ESE	1.2	1.6	—	—	—	—
25	52.2	50.9	50.2	51.1	SSE	1.7	ENE	4.1	SE	1.3	1.7	—	—	—	—
26	49.9	50.7	51.2	50.6	SW	1.6	NE	4.6	ESE	0.9	2.1	0.0	0.0	—	0.0
27	52.7	52.3	52.2	52.4	SSE	1.7	SW	2.9	—	0.3	2.0	—	—	—	—
28	52.3	52.1	51.0	51.8	SW	2.3	SW	5.3	SSW	1.3	2.9	—	—	—	—
29	52.0	51.7	51.4	51.7	SW	3.8	SW	5.8	—	0.3	3.6	—	—	—	—
30	51.7	51.7	51.8	51.7	SW	1.2	SW	10.5	SW	1.7	3.2	—	—	—	—
31	52.9	54.1	55.0	54.0	SW	2.9	WSW	5.3	SSW	2.1	3.2	—	—	4.7	4.7
平均 Mean	50.8	50.9	51.1	51.0		2.1		3.8		2.0	2.6	9.8	8.4	24.0	42.2

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	23.6	23.4	19.3	22.1	27.2	18.8	8.4	61	71	89	74	10 n	10 k	10 n	10.0	0.00	4.8
2	17.3	21.5	16.4	18.4	23.5	17.3	6.2	95	80	97	91	10 n	10 s	10 n	10.0	0.00	2.5
3	18.7	24.1	23.2	22.0	26.3	18.4	7.9	95	73	83	84	10 n	10 sk	3 sk	7.3	3.50	4.7
4	19.1	28.8	22.1	23.3	29.2	18.8	10.4	91	66	92	81	1 sk	9 sk	7 sk	5.7	7.35	3.7
5	19.7	27.6	21.4	22.9	29.6	19.1	10.5	91	53	83	76	7 sk	10 sk	0 —	5.7	5.80	5.5
6	18.2	28.1	23.2	23.2	30.6	17.7	12.9	92	48	78	73	2 cs	7 sk	2 cs	3.7	11.45	6.1
7	20.5	26.2	22.7	23.1	26.7	20.2	6.5	89	61	86	79	10 cs	10 sk	10 sk	10.0	0.00	4.2
8	19.3	19.9	20.5	19.9	22.9	18.5	4.4	91	90	88	90	10 n	10 n	10 sk	10.0	0.00	1.9
9	18.9	26.9	21.7	22.5	28.4	18.4	10.0	91	58	64	71	2 cs, sk	9 cs, sk	2 sk	4.3	9.90	5.4
10	18.9	26.8	22.0	22.6	28.5	18.8	9.7	93	53	79	75	7 cs, sk	9 sk	2 sk	6.0	5.60	6.4
11	20.1	28.8	21.6	23.5	30.2	19.0	11.2	96	48	86	77	3 cs, sk	7 k	0 —	3.3	8.10	5.3
12	20.5	28.1	22.2	23.6	28.6	20.0	8.6	94	46	67	69	6 sk	5 k	0 —	3.7	10.55	7.5
13	16.3	26.9	20.4	21.2	27.3	15.7	11.6	91	46	73	70	10 sk	7 sk	0 —	5.7	9.55	6.9
14	19.7	27.2	22.6	23.2	28.9	18.7	10.2	89	49	80	73	10 sk	8 ck	2 sk	6.7	9.35	7.8
15	20.1	28.4	22.6	23.7	28.8	19.2	9.6	70	42	76	63	5 sk	9 sk	8 sk	7.3	3.00	6.0
16	18.5	27.2	22.1	22.6	28.3	17.3	11.0	74	44	77	65	2 sk	9 sk	8 sk	6.3	5.15	6.5
17	21.1	20.7	20.7	20.8	22.4	19.5	2.9	63	91	81	78	10 sk	10 n	10 sk	10.0	0.00	4.1
18	21.1	27.4	22.7	23.7	29.2	18.1	11.1	80	52	46	59	10 sk	2 sk	0 —	4.0	11.25	9.7
19	21.7	30.2	23.3	25.1	30.5	21.4	9.1	59	55	77	64	5 sk	4 sk	2 sk	3.7	11.50	8.6
20	21.3	29.8	22.6	24.6	30.7	21.0	9.7	84	43	69	65	1 cs	7 cs, k	0 —	2.7	12.20	7.8
21	20.5	30.8	24.3	25.2	32.1	20.3	11.8	91	42	68	67	1 sk	4 n	0 —	1.7	12.00	9.2
22	21.1	31.4	23.9	25.5	32.2	20.8	11.4	80	44	80	68	0 cs	1 ck	9 sk	3.3	10.50	7.8
23	24.5	28.4	23.0	25.3	28.5	19.6	8.9	86	43	65	65	8 sk	8 cs, k	0 —	5.3	8.60	7.1
24	16.3	28.6	22.5	22.5	29.8	16.0	13.8	89	38	64	64	0 —	1 k	1 k	0.7	12.60	8.8
25	19.3	30.2	24.3	24.6	31.3	18.4	12.9	79	38	59	59	5 sk	4 sk	2 sk	3.7	10.40	8.6
26	22.8	30.4	24.6	25.9	30.9	21.9	9.0	78	38	61	59	10 n	7 k	0 —	5.7	11.60	9.2
27	20.9	33.0	25.2	26.4	34.0	20.7	13.3	81	38	70	63	1 cs	8 sk	0 —	3.0	10.00	9.6
28	24.4	34.1	26.6	28.4	35.1	22.4	12.7	55	36	71	54	1 sk	8 sk	1 cs	3.3	12.40	11.3
29	24.8	32.9	26.0	27.9	33.8	24.2	9.6	60	41	73	58	0 —	9 sk	1 cs	3.3	12.25	10.0
30	20.9	33.0	27.2	27.0	33.4	20.7	12.7	80	40	64	61	1 cs	7 ck	2 ck	3.3	11.80	10.8
31	26.2	33.6	24.8	28.2	34.1	22.5	11.6	61	45	89	65	9 sk	8 sk	10 sk	9.0	0.00	7.2
平均 Mean	20.5	28.2	22.8	23.8	29.5	19.5	9.9	82	52	75	70	5.4	7.3	3.6	5.4	236.40	215.0

* 重力ノ更正 Reduction to standard gravity……— 0.3
海面ヘノ更正 Reduction to mean sea level……+ 3.4

鄭家屯

昭和六年七月 CHENGCHIATUN. JULY, 19

日 Day	氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. 21-5h	5-13h	13-
1	41.0	37.8	37.1	38.6	ENE	2.6	ENE	5.8	ENE	4.3	2.9	—	—	
2	39.2	39.3	40.9	39.8	SE	3.3	SE	4.8	SE	2.7	3.8	0.1	—	
3	41.9	41.8	43.4	42.4	ENE	1.7	NE	3.4	NE	2.6	2.2	—	—	
4	44.1	44.1	44.8	44.3	—	0.1	NNE	3.9	E	1.3	2.2	—	—	
5	45.1	44.4	41.3	41.6	ENE	1.0	NE	4.4	NE	1.8	2.4	—	—	
6	39.8	43.2	43.9	42.3	—	0.0	NNE	2.4	ENE	2.0	1.0	—	—	
7	45.9	46.7	46.7	46.4	NE	2.2	ENE	4.8	NE	0.5	3.4	—	—	
8	45.0	43.9	43.5	44.1	NE	0.9	ENE	3.3	—	0.2	1.7	—	—	
9	44.2	44.0	45.2	44.5	—	0.0	ENE	2.8	—	0.2	0.8	—	—	
10	46.5	46.7	47.8	47.0	—	0.1	SW	3.4	—	0.0	1.3	7.2	0.2	
11	49.0	48.3	49.2	48.8	—	0.0	ENE	2.0	—	0.0	1.7	—	—	
12	49.4	48.6	49.2	49.1	—	0.1	ENE	4.9	E	2.9	2.6	—	—	
13	50.6	49.1	48.7	49.5	—	0.2	ESE	3.1	—	0.0	1.7	—	—	
14	50.1	49.4	48.7	49.4	W	0.5	SE	1.1	SSW	1.1	0.8	—	—	
15	49.5	49.0	48.8	49.1	—	0.3	WSW	3.2	SSW	1.8	2.2	1.4	0.0	
16	48.1	46.5	45.8	46.8	SSW	4.3	SW	9.8	SW	4.1	5.5	—	—	
17	44.6	44.0	43.2	43.9	SSW	5.5	SSW	5.5	SW	4.6	5.0	2.0	15.5	
18	41.6	40.1	40.1	40.6	SSW	3.2	SW	5.0	WSW	2.1	4.6	3.7	—	
19	40.9	41.0	42.2	41.4	W	2.9	W	3.0	SW	1.7	2.5	1.0	—	
20	43.3	44.3	45.2	44.3	WSW	1.1	NNW	1.9	S	0.8	1.6	—	—	
21	46.7	46.9	45.8	46.5	—	0.0	SSW	1.8	SSW	1.3	1.2	—	—	
22	46.6	48.4	49.2	48.1	NE	2.7	NE	3.7	NE	1.8	2.3	0.3	0.1	
23	50.4	50.1	49.8	50.1	NNE	1.3	NE	4.8	—	0.3	2.6	—	—	
24	50.3	48.4	47.8	48.8	NNE	1.1	NE	1.0	—	0.0	1.0	—	—	
25	47.1	44.7	44.7	45.5	—	0.0	N	2.3	NNE	1.5	1.4	—	—	
26	45.3	45.8	45.9	45.7	NNE	1.3	NE	4.0	—	0.0	1.9	0.0	—	
27	47.3	47.4	47.0	47.2	—	0.0	E	1.7	SE	0.5	0.6	—	—	
28	47.3	46.2	45.9	46.5	S	1.2	SSE	4.8	SSE	1.5	2.3	—	—	
29	45.5	44.5	4[illegible]3	45.1	S	3.0	SSW	5.7	SSW	4.0	4.1	—	—	
30	44.6	44.8	46	45[illegible]	SSW	3.3	SSW	7.1	SSW	3.7	4.9	—	—	
31	47.6	48.6	5[illegible]	48.[illegible]	SW	1.5	NNW	1.0	ESE	1.3	2.6	—	—	
平均 Mean	45.8	45.4	45.7	45.6		1.5		3.8		1.6	2.4	15.7	15.8	

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS SUNSHINE
1	21.7	29.7	25.7	25.7	29.8	20.8	9.0	80	43	60	61	3 c, ck	10 sc	10 n	7.7	4.[illegible]
2	18.1	25.1	22.0	21.7	26.5	17.8	8.7	80	56	66	67	10 n	10 n	10 n, kn	10.0	0.[illegible]
3	18.9	28.4	24.9	24.1	30.0	18.1	11.9	83	42	63	63	2 c	4 k, cs	7 n	4.3	13.[illegible]
4	20.1	29.1	23.3	24.2	30.0	19.4	10.6	74	40	60	58	4 ck	2 c	0 —	2.0	13.[illegible]
5	19.0	28.7	22.0	23.2	29.1	18.8	10.3	76	35	69	6[illegible]	0 —	0 —	0 —	0.0	13.[illegible]
6	18.1	29.3	22.6	23.3	30.7	16.8	13.9	79	31	73	61	0 —	0 —	3 k	1.0	14.[illegible]
7	17.4	24.9	20.3	20.9	25.6	17.4	8.2	93	47	71	70	10 n, kn	5 cs	2 cs	5.7	7.[illegible]
8	17.0	24.3	22.3	21.2	24.6	16.7	7.9	86	56	69	70	8 c, sc	9 n, kn	10 n	9.0	0.[illegible]
9	19.0	27.0	20.3	22.1	28.6	18.8	9.8	90	49	82	74	7 cs, ck	9 ck, kn	6 n	7.3	6.[illegible]
10	18.8	25.4	20.9	21.7	26.9	18.2	8.7	93	70	91	85	10 n, sk	4 k	0 —	4.7	8.[illegible]
11	18.4	27.9	21.3	22.5	28.4	17.7	10.7	95	52	85	77	0 —	2 c, k	0 —	0.7	13.[illegible]
12	18.2	27.9	21.2	22.4	28.5	17.5	11.0	77	39	52	56	0 —	0 —	0 —	0.0	13.[illegible]
13	17.0	28.7	22.2	22.6	29.8	15.3	14.5	78	36	66	60	5 kc, ck	0 —	0 —	1.7	13.[illegible]
14	17.7	29.7	23.0	23.5	30.4	16.9	13.5	90	34	63	62	0 —	2 c, cs	0 —	0.7	12.[illegible]
15	19.7	25.8	21.1	22.2	27.5	19.5	8.0	90	62	70	74	10 ≡	2 c	0 —	4.0	7.[illegible]
16	18.9	27.8	22.8	23.2	28.4	18.2	10.2	87	47	60	65	0 —	3 c	5 kn	2.7	11.50
17	17.7	20.2	19.1	19.0	23.2	17.0	6.2	90	97	95	94	10 ≡	10 n	10 ≡	10.0	0.00
18	17.1	26.9	19.8	21.3	27.6	16.9	10.7	96	48	68	71	7 n	3 k	4 n	4.7	12.63
19	16.2	26.0	18.8	20.3	27.6	15.7	11.9	89	41	85	72	0 —	7 c, sc	0 —	2.3	12.17
20	15.4	27.1	21.8	21.4	28.0	15.2	12.8	87	41	72	67	0 —	0 k	0 —	0.0	13.90
21	18.3	28.9	23.8	23.7	30.1	17.3	12.8	93	49	72	71	0 —	1 k	0 —	0.3	11.70
22	20.3	26.4	21.1	22.6	27.6	20.1	7.5	83	52	77	71	10 n, sk	2 c	0 —	4.0	9.88
23	16.7	26.4	20.6	21.2	27.0	16.3	10.7	91	45	81	72	0 —	3 k	4 ck	2.3	12.72
24	17.1	27.0	21.7	21.9	28.6	16.4	12.2	90	44	70	68	0 —	3 k	0 —	1.0	13.6[illegible]
25	16.3	30.6	23.4	23.4	31.5	16.3	15.2	92	34	66	64	0 —	8 k, kn	10 n	6.0	8.19
26	18.2	29.1	23.3	23.5	29.5	18.1	11.4	90	41	72	68	0 —	1 k	2 k, cs	1.0	12.50
27	18.6	30.2	24.0	24.3	31.1	18.2	12.9	85	40	67	64	0 —	1 c	0 k	0.3	12.29
28	19.8	33.4	26.5	26.6	33.7	19.1	14.6	81	29	65	58	0 —	0 —	0 —	0.0	13.0[illegible]
29	21.6	33.1	26.6	27.1	34.0	21.3	12.7	90	44	54	63	0 —	0 —	6 c, cs	2.0	13.0[illegible]
30	21.7	31.8	27.2	26.9	32.5	21.6	10.9	79	46	65	63	3 c	0 —	5 k, cs	2.7	12.4[illegible]
31	22.8	29.4	21.9	24.7	30.0	21.8	8.2	89	64	89	81	10 n	10 n, kn	10 n	10.0	1.7[illegible]
平均 Mean	18.6	27.9	22.4	23.0	28.9	18.0	10.9	86	47	71	68	3.5	3.6	3.4	3.5	315.9[illegible]

※ 重力ノ更正 Reduction to standard gravity ……— 0.1
海面ヘノ更正 Reduction to mean sea level……+ 10.1

洮南

TAONAN.

和六年七月 JULY, 1931.

氣壓 ※ (粍) AIR PRESSURE. (mm) (700 mm +)				風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND						降水量 (粍) 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
37.1	35.4	35.0	35.8	E	1.3	NE	3.6	NNE	4.7	3.7	—	—	—	—
35.5	36.4	37.8	36.6	NE	3.5	NE	7.2	NE	3.4	5.0	—	—	—	—
39.0	39.0	40.6	39.5	N	6.3	N	4.4	N	1.3	4.2	—	—	2.6	2.6
41.4	41.0	41.1	41.2	N	2.6	NNE	5.5	E	1.9	3.3	2.6	—	—	2.6
41.9	41.8	40.9	41.5	SW	1.2	—	0.2	E	1.5	1.3	—	0.8	—	0.8
42.7	39.4	41.5	41.2	—	0.0	N	0.8	NNE	3.2	2.3	—	—	6.7	6.7
43.3	43.0	43.1	43.1	NNE	2.1	NNE	5.0	ENE	1.6	3.1	—	—	—	—
42.2	40.7	40.4	41.1	NNE	1.8	ENE	5.4	N	1.9	2.9	—	—	—	—
40.9	40.7	41.8	41.1	N	2.4	NNE	1.8	ENE	2.1	3.1	—	—	0.0	0.0
42.9	43.3	44.3	43.5	NNE	2.7	E	2.3	SE	1.7	2.9	0.5	—	1.0	1.5
45.4	45.8	46.3	45.8	E	1.7	E	4.1	E	1.2	3.8	—	—	—	—
46.6	45.6	46.1	46.1	N	3.5	E	5.3	NE	1.2	3.5	—	—	—	—
46.5	45.4	45.4	45.8	NW	0.9	SSW	1.3	S	1.3	1.5	—	—	—	—
45.1	44.2	43.7	44.3	WSW	1.0	S	3.8	S	5.4	3.4	—	—	—	—
43.8	43.5	43.7	43.7	SSE	6.7	S	7.0	SSE	3.5	6.3	—	—	—	—
41.8	40.4	38.4	40.2	SSE	5.1	S	8.5	S	**9.0**	6.9	—	—	—	—
38.0	36.8	37.5	37.4	SW	1.6	S	5.6	E	4.4	4.5	8.3	0.1	**18.0**	**26.4**
36.6	**34.3**	35.0	35.3	SSE	1.9	SE	4.3	S	2.3	2.9	1.9	—	0.2	2.1
35.1	41.0	37.3	37.8	WSW	2.9	W	4.4	WNW	1.5	3.0	—	—	1.7	1.7
38.6	39.6	40.7	39.6	NNW	2.9	WSW	1.1	SE	1.5	1.6	—	—	—	—
41.4	41.8	42.8	42.0	—	0.0	W	1.8	NE	5.1	2.3	—	—	—	—
45.1	45.8	47.1	46.0	N	6.5	NE	7.2	N	2.9	4.6	—	—	—	—
47.7	47.2	47.4	47.4	NNW	3.8	E	4.6	NNW	1.1	3.1	—	—	—	—
46.5	44.6	43.7	44.9	NW	3.0	W	1.2	S	2.2	2.1	—	—	—	—
42.5	41.5	41.6	41.9	WNW	2.5	ENE	6.1	NNW	2.1	3.2	—	—	—	—
42.5	42.1	42.4	42.3	NW	2.2	NE	1.8	ESE	1.8	2.2	—	0.0	—	0.0
43.5	43.0	42.6	43.0	ESE	1.3	ESE	1.6	ESE	2.9	2.0	—	—	—	—
42.1	41.1	39.9	41.0	SE	3.5	SSE	5.5	SE	4.7	4.5	—	—	—	—
39.6	38.4	38.5	38.8	SE	4.4	SSE	6.7	SSE	6.7	6.2	—	—	—	—
38.5	39.7	40.8	39.7	S	3.5	SW	7.5	WNW	1.9	3.0	—	—	—	—
43.3	45.6	47.2	45.4	NNW	3.6	N	2.6	N	2.7	3.1	—	0.0	0.2	0.2
41.8	41.5	41.8	41.7		2.8		4.1		2.9	3.4	13.	0.9	30.4	44.6

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 (粍) 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.		
21.5	31.1	25.9	26.2	31.3	20.5	10.8	76	39	59	58	10 c	10 cs, k	10 n	10.0	11.89	9.7
21.7	29.8	23.3	24.9	31.2	21.6	9.6	76	42	69	62	10 c, sk	10 cs	7 cs, c	9.0	8.86	7.3
20.3	29.0	24.3	24.5	30.0	19.8	10.2	85	55	71	70	4 c	10 c, k	3 c	5.7	12.36	7.8
20.4	27.0	22.3	23.2	27.8	19.0	8.8	86	44	70	67	7 c, kn	0 —	4 c	3.7	13.61	8.2
21.2	24.9	22.7	22.9	26.7	20.6	**6.1**	82	68	73	74	8 sk	10 n, kn	8 c, ck	8.7	6.28	5.2
20.9	28.1	20.7	23.2	30.2	18.7	11.5	83	45	77	68	6 kc	4 k	0 —	3.3	0.00	6.6
16.6	22.3	20.3	19.7	25.3	15.2	10.1	89	61	63	71	0 —	4 k	0 —	1.3	14.82	6.8
16.1	25.7	21.2	21.0	26.8	15.5	11.3	86	43	66	65	9 c	10 c, cs, k	2 c	7.0	11.33	6.1
18.0	28.1	19.9	22.0	28.4	17.8	10.6	87	46	85	73	9 c,ck,kn	10 n, ck, k	10 n	9.7	8.39	5.0
18.5	26.1	21.5	22.0	27.4	18.2	9.2	95	55	77	76	10 sk	7 kn, k	3 c	6.7	7.81	4.9
18.8	27.5	28.5	24.9	29.0	17.2	11.8	39	47	32	56	0 —	0 —	0 —	0.0	14.62	8.9
19.2	29.9	24.7	24.6	30.4	17.6	12.8	82	46	71	66	0 —	5 k	0 —	1.7	13.71	8.4
19.5	30.6	24.1	24.7	32.1	19.1	13.0	88	39	60	62	7 ck	1 c, k	0 —	2.7	13.06	9.3
19.6	32.3	27.4	26.4	33.4	18.0	**15.4**	72	**30**	41	48	0 —	2 k	10 n	4.0	13.53	12.9
21.3	29.1	22.9	24.2	29.8	20.4	9.4	72	41	73	62	8 sk	1 c	0 —	3.0	10.54	11.3
18.6	28.9	24.6	24.0	29.9	17.6	12.3	79	41	54	58	2 c	5 c	10 n	5.7	13.16	11.5
18.4	26.7	16.8	20.6	27.8	16.6	11.2	98	54	94	82	10 n	9 k	5 n	8.0	9.27	7.9
16.1	25.2	18.2	19.8	26.6	15.4	11.2	99	62	81	81	3 ck	8 kc	2 c	4.3	10.55	5.9
14.7	26.7	18.1	19.8	26.7	**13.8**	12.9	81	82	84	82	3 c	8 kn, k	0 —	3.7	11.93	5.6
15.3	26.7	22.7	21.6	28.6	14.2	14.4	86	42	70	66	0 —	2 c, k	1 c	1.0	14.63	6.9
18.0	29.5	22.5	23.3	31.4	17.3	14.1	89	42	74	68	1 c	2 k	9 kc, c	4.0	14.10	7.2
17.3	25.3	21.3	21.3	25.6	16.6	9.0	91	54	73	73	10 n	8 k	4 sk	7.3	9.31	6.8
16.6	24.8	21.0	20.8	26.9	15.8	11.1	93	44	73	70	0 —	5 kn, k	0 —	1.7	13.83	6.7
15.3	27.8	22.5	21.9	29.6	14.7	14.9	87	39	57	61	0 —	3 k	0 —	1.0	14.40	8.2
18.0	26.7	23.5	22.7	28.8	16.4	12.4	68	52	65	62	3 c	10 cs, c	10 kc	7.7	8.53	6.4
19.3	27.6	24.2	23.7	29.2	17.4	11.8	87	46	59	64	10 n	10 kn, cs	10 kc, sc	10.0	9.89	7.3
18.5	30.5	24.8	24.6	31.2	18.5	12.7	86	40	61	62	7 sk	10 c	0 —	5.7	11.84	9.3
20.7	34.5	27.9	27.7	35.4	20.3	15.1	75	32	47	51	4 c	8 c	9 c	7.0	13.57	**13.3**
22.3	34.6	29.9	28.9	**36.2**	22.0	14.2	88	41	55	61	1 c	10 c	10 c	7.0	12.94	12.8
22.6	34.1	26.6	27.8	36.0	22.5	13.5	72	34	55	54	8 cs	10 c, sk	3 c	7.0	10.84	9.1
19.6	25.5	23.6	22.7	27.1	19.5	7.6	65	66	70	67	7 c	10 n	10 n	9.0	7.85	3.6
18.9	28.3	23.1	23.4	29.6	18.0	11.6	84	47	66	66	5.1	6.5	4.5	5.4	348.45	246.9

※ 重力ノ更正 Reduction to standard gravity ····· — 0.0
海面ヘノ更正 Reduction to mean sea level ····· + 13.0

哈爾濱

昭和六年七月 **KHARBIN.** JULY, 1931.

日 Day	氣壓※(粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度(米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h	降水量(粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	39.7	37.3	37.1	38.0	—	0.1	E	4.1	E	4.1	2.2	—	—	—	—
2	37.9	38.2	39.0	38.4	NE	2.3	E	3.5	ENE	2.9	3.3	—	—	—	—
3	40.4	40.4	40.4	40.4	E	2.9	E	4.7	E	3.9	3.6	—	—	—	—
4	36.7	42.8	42.9	40.8	E	2.6	NE	4.1	ESE	2.7	2.9	—	—	—	—
5	43.7	43.0	42.5	43.1	E	3.2	N	2.6	ENE	1.8	2.7	—	—	—	—
6	41.6	41.2	42.4	41.7	SSW	0.5	E	3.2	ENE	4.4	2.2	—	10.4	2.0	12.4
7	43.3	44.3	42.9	43.8	ENE	2.1	ENE	2.9	E	0.9	2.9	—	—	—	—
8	43.7	41.9	42.0	42.5	ENE	1.5	E	4.0	ESE	1.9	2.8	—	—	—	—
9	42.2	42.9	43.8	43.0	E	1.3	SE	2.9	SSE	1.5	2.1	—	—	—	—
10	45.2	46.0	47.5	46.2	E	1.5	S	2.3	SE	2.1	1.9	—	—	—	—
11	47.7	47.1	47.3	47.4	SSE	1.5	NE	3.5	E	1.5	2.0	—	—	—	—
12	48.0	46.9	47.2	47.4	ESE	2.3	E	4.1	SSE	1.8	2.2	—	—	—	—
13	47.7	46.5	46.1	46.8	—	0.0	ENE	2.5	SW	1.6	1.6	—	—	—	—
14	47.2	46.2	45.7	46.4	S	3.3	SE	1.2	SSE	2.3	2.2	—	—	—	—
15	46.4	45.9	45.6	46.0	SSE	2.5	S	1.8	SSW	2.8	1.9	—	—	—	—
16	45.7	43.3	42.1	43.7	SSW	1.8	S	3.5	S	1.2	2.9	—	—	—	—
17	41.5	41.3	41.3	41.4	SSW	3.5	SSW	3.6	SSW	0.6	2.1	—	0.0	6.7	6.7
18	38.5	36.5	36.2	37.1	S	2.7	SSW	2.9	S	2.3	1.9	5.6	1.1	0.8	7.5
19	36.2	36.1	37.8	36.7	SW	1.4	SW	2.7	—	0.4	2.3	2.6	—	—	2.6
20	39.7	39.9	41.9	40.5	SW	1.2	W	2.3	SE	2.0	1.5	—	—	—	—
21	43.4	43.5	45.1	44.0	ESE	2.0	E	1.6	N	2.6	2.1	—	—	1.3	1.3
22	45.2	46.5	47.5	46.4	E	3.9	E	2.3	E	2.0	2.5	22.1	0.0	—	22.1
23	48.4	47.8	47.5	47.9	E	0.9	S	1.9	SSE	0.6	1.9	—	—	—	—
24	46.7	45.0	43.8	45.2	SW	0.8	NNW	3.2	SW	1.3	1.9	—	—	—	—
25	42.1	41.6	41.9	41.9	SW	1.9	NE	2.7	E	2.0	2.3	1.2	—	—	1.2
26	42.5	42.2	43.5	42.7	NE	0.9	NNW	2.9	SSE	0.6	2.1	—	—	—	—
27	44.8	44.4	44.9	44.7	SW	0.7	WSW	1.3	W	2.3	1.3	—	—	—	—
28	45.1	44.0	43.0	44.0	SSW	2.7	WSW	2.9	SSW	2.7	2.1	—	—	—	—
29	43.6	42.1	42.6	42.8	SSE	3.9	S	3.5	S	2.3	3.2	—	—	—	—
30	41.8	41.2	41.9	41.6	S	1.4	SSW	5.3	SSW	4.1	3.1	—	—	—	—
31	43.2	45.0	47.5	45.2	SSW	2.7	W	2.9	—	0.4	2.2	—	—	—	—
平均 Mean	43.2	42.9	43.3	43.1		1.9		3.0		2.1	2.3	31.5	11.5	10.8	53.8

日 Day	氣溫(攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度(百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量(0-10)及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量(粍) AMOUNT OF EVAPORATION
1	20.6	32.6	25.5	26.2	33.3	19.7	13.6	85	40	53	59	7 cs, sc	5 c, k	8 cs, n	6.7	12.90	9.4
2	21.7	30.6	24.2	25.5	31.5	21.3	10.2	85	52	64	67	8 cs, sc	9 cs, k	7 c, sc	8.0	12.10	7.3
3	19.2	28.4	20.4	22.7	30.1	19.0	11.1	87	36	76	66	7 ck, sk	4 kc	4 ck	5.0	11.95	7.5
4	17.6	24.0	20.2	20.6	25.9	15.7	10.2	74	51	62	62	8 sk	6 kc	1 c	5.0	6.80	7.6
5	17.3	26.8	20.4	21.5	28.2	14.6	13.6	69	30	52	50	3 c, kc	3 kc	5 kc	3.7	13.00	7.2
6	17.6	16.3	16.2	16.7	20.7	16.0	4.7	72	85	86	81	10 n, sk	10 n, kn	10 n	10.0	0.80	2.7
7	15.2	21.6	17.0	18.1	23.5	14.8	8.7	88	67	83	79	10 n	9 kn, n	0 —	6.3	6.70	4.4
8	16.8	26.2	20.8	21.3	27.3	14.7	12.6	84	45	74	68	2 c	8 c, cs	2 sk	4.0	11.60	5.1
9	17.6	25.4	19.2	20.7	27.1	17.5	9.6	82	58	73	71	9 sc, sk	8 sc, kc	5 ck, sk	7.3	5.50	4.5
10	17.2	26.2	22.4	21.9	28.5	17.0	11.5	84	51	68	68	7 sk, ck	7 k, kc	3 kc	5.7	8.20	5.5
11	14.5	27.8	20.0	20.8	29.4	14.3	15.1	71	46	63	60	0 —	5 k, ck	0 —	1.7	10.25	6.6
12	16.5	28.6	20.9	22.0	30.1	15.4	14.7	80	32	59	57	0 —	0 —	2 sk	0.7	13.40	8.5
13	18.0	29.2	22.8	23.3	31.2	16.8	14.4	76	37	51	55	4 kc, kn	1 k	0 —	1.7	12.85	7.8
14	18.6	29.0	22.8	23.5	30.7	17.5	13.2	63	34	52	50	10 kc, sk	9 kc	3 kc, c	7.3	6.60	6.9
15	18.5	31.6	23.8	24.6	32.8	18.0	14.8	63	37	45	48	1 ck	1 k	0 —	0.7	12.55	9.5
16	20.0	29.8	22.8	24.2	32.5	19.9	12.6	70	37	49	52	0 —	4 k	0 —	1.3	13.30	9.3
17	21.2	20.6	17.6	19.8	24.6	17.6	7.0	64	83	82	76	8 sc, sk	10 n	10 n	9.3	2.95	1.1
18	16.2	24.1	17.4	19.2	25.5	15.7	9.8	88	66	91	82	10 n	7 kn, k	4 kn	7.0	3.80	4.0
19	16.6	25.2	18.8	20.2	26.5	15.2	11.3	79	56	76	70	5 c, ck	4 k	6 k, kc	5.0	12.10	6.3
20	15.5	25.9	20.1	20.5	28.1	15.3	12.8	82	51	78	70	4 kc	5 kn, k	2 sk	3.7	9.60	6.4
21	16.6	26.6	22.1	21.8	28.8	16.0	12.8	88	55	79	74	0 —	7 c, k	10 n	5.7	9.35	5.4
22	17.8	22.2	19.4	19.8	24.5	17.5	7.0	91	71	83	82	10 n, k	7 kn, kc	9 sk, kc	8.7	4.00	4.1
23	16.4	23.8	20.3	20.2	25.2	16.2	9.0	93	59	76	76	3 ck, sk	4 k, kc	0 —	2.3	11.30	4.6
24	16.0	26.6	21.4	21.3	27.9	15.6	12.3	93	53	76	74	1 ck	4 k, c	1 c	2.0	13.15	5.4
25	17.8	25.4	21.1	21.4	27.2	17.6	9.6	86	56	81	74	5 kc, c	4 c, k	0 —	3.0	10.95	7.7
26	17.0	25.0	19.6	20.5	26.7	16.3	10.4	78	53	87	73	1 sk	6 kn, k	0 —	2.3	12.00	8.9
27	16.5	28.4	22.1	22.3	30.0	15.8	14.2	92	43	89	75	0 —	2 k	0 —	0.7	12.50	6.8
28	19.4	30.3	23.4	24.4	32.6	19.1	13.5	90	40	69	66	0 —	4 k, cs	0 —	1.3	12.10	7.7
29	19.3	31.6	26.8	25.9	33.4	19.2	14.2	82	47	84	71	1 c	9 cs, c, k	2 c, cs	4.0	13.45	9.0
30	23.2	33.1	27.3	27.9	34.3	22.3	12.0	88	38	57	61	8 c	0 —	4 ck	4.0	13.75	10.0
31	23.2	30.0	25.0	26.1	31.8	23.0	8.8	80	46	65	64	6 c	8 sc, c	9 sk, n	7.7	10.37	6.5
平均 Mean	18.1	26.9	21.4	22.1	28.7	17.2	11.5	81	50	70	67	4.8	5.5	3.5	4.6	309.27	198.4

※ 重力ノ更正 Reduction to standard gravity……+ 0.1
海面ヘノ更正 Reduction to mean sea level……+ 12.6

齊々哈爾
TSITSIKHAR.

昭和六年七月 JULY, 1931.

日 Day	氣壓 ※ (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total.
1	38.4	37.0	37.2	37.5	ESE	1.3	ENE	4.3	NE	4.9	2.8	—	—	—	—
2	37.7	37.7	39.1	38.2	ENE	4.2	ENE	7.2	ENE	5.3	5.3	—	—	—	—
3	39.7	39.8	40.9	40.1	NE	1.7	NNE	5.2	ENE	5.4	3.5	—	—	5.0	5.0
4	42.2	41.4	41.3	41.6	ENE	3.7	NNE	4.6	—	0.0	3.1	—	—	—	—
5	41.7	40.9	39.9	40.8	ENE	3.2	NNE	1.1	SSE	0.6	1.7	1.1	—	—	1.1
6	39.6	39.4	41.2	40.1	WNW	2.7	N	6.9	E	1.4	3.6	—	—	0.0	0.0
7	43.3	43.8	42.7	43.2	—	0.4	N	3.6	NE	1.0	1.9	—	—	—	—
8	42.4	40.9	40.4	41.2	—	0.4	SE	2.4	SSE	1.2	1.7	—	—	—	—
9	41.8	41.3	42.2	41.8	ESE	2.2	ESE	5.1	S	2.2	3.2	—	—	—	—
10	43.6	44.2	44.7	44.2	SE	1.9	ESE	4.1	SE	0.9	3.7	—	—	—	—
11	46.8	46.3	46.1	46.4	ESE	2.8	ESE	2.3	NE	2.4	2.2	—	—	—	—
12	46.8	45.8	45.0	45.9	E	2.2	N	4.9	—	0.4	2.8	—	—	1.6	1.6
13	45.3	44.1	44.1	44.5	—	0.0	E	1.8	SE	1.6	1.3	—	—	—	—
14	43.6	42.4	41.4	42.5	SE	1.5	WSW	2.6	S	2.2	2.4	—	—	2.5	2.5
15	43.5	42.9	42.3	42.8	SSW	2.9	S	4.7	E	4.0	3.0	7.2	—	—	7.2
16	41.3	38.6	36.4	38.8	S	4.1	SSW	8.3	S	8.0	5.9	—	—	—	—
17	36.2	36.0	35.4	35.9	NNW	5.5	SSW	3.4	SSE	2.3	3.4	2.3	6.0	0.9	9.2
18	35.6	33.2	33.3	34.0	ESE	1.4	SSW	3.1	N	4.6	3.0	0.1	—	—	0.1
19	32.4	33.2	35.7	33.8	NE	0.5	N	2.6	NNE	1.3	2.2	—	—	0.2	0.2
20	37.8	38.6	40.1	38.8	NNW	2.6	N	3.1	NE	0.9	2.0	—	—	—	—
21	40.9	41.6	43.9	42.1	SE	0.8	ESE	2.3	NNE	3.4	2.8	—	0.0	2.4	2.4
22	45.5	46.5	47.2	46.4	NE	3.8	ENE	5.4	NE	3.6	4.2	—	0.0	—	0.0
23	47.9	47.1	46.2	47.1	NE	4.0	NE	3.3	ENE	1.1	2.8	—	—	—	—
24	45.3	42.8	42.1	43.4	NW	2.2	WNW	2.0	NW	0.5	1.9	—	—	—	—
25	41.3	41.5	41.4	41.4	N	1.6	N	3.7	NNE	1.7	2.5	—	0.4	—	0.4
26	41.6	41.2	41.9	41.6	ENE	1.2	—	0.2	ESE	1.0	1.1	—	—	—	—
27	43.0	42.4	41.6	42.3	W	0.8	NNW	1.8	S	1.5	1.1	—	—	—	—
28	41.5	39.7	38.7	40.0	S	1.6	SW	4.0	S	7.5	4.2	—	—	—	—
29	39.2	37.6	36.9	37.9	SSW	2.4	SSW	5.5	S	5.5	5.4	—	—	—	—
30	36.6	37.3	39.7	37.9	SSW	2.6	SW	4.6	N	4.3	2.9	0.3	0.0	—	0.3
31	43.3	44.6	46.2	44.7	NNE	0.5	NNE	4.9	NE	0.5	1.6	—	—	—	—
平均 Mean	41.5	41.0	41.1	41.2		2.2		3.8		2.6	2.9	11.0	6.4	12.6	30.0

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD 5h	13h	21h	平均 Mean.	日照時數 HOURS OF SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	21.6	31.3	26.1	26.3	32.7	21.4	11.3	85	37	57	60	8 sk	7 kc	5 c	6.7	7.20	9.3
2	22.8	31.0	23.8	25.9	31.2	21.8	9.4	75	40	57	57	10 sc	10 ck, c	6 ck	8.7	0.00	8.7
3	21.3	27.7	22.2	23.7	29.2	20.1	9.1	80	59	70	70	7 c, k	7 kn	2 c	5.3	11.80	8.6
4	19.2	25.2	21.6	22.0	26.3	17.8	8.5	79	55	79	71	1 k	6 k	6 kc	4.3	10.53	4.4
5	19.0	26.2	20.8	22.0	28.4	18.4	10.0	90	53	85	76	10 n	8 kn	0 —	6.0	4.90	6.1
6	20.6	25.6	19.3	21.8	27.1	18.6	8.5	83	58	73	71	1 ck	9 kn	1 sk	3.7	10.38	7.4
7	18.2	24.2	21.6	21.3	26.2	15.9	10.3	77	47	64	63	5 k	1 k	0 —	2.0	12.30	9.4
8	22.8	28.0	22.4	24.4	29.4	17.3	12.1	66	41	71	59	1 cs	9 ck	3 c	4.3	12.40	8.7
9	19.2	29.2	22.6	23.7	29.9	18.6	11.3	78	38	66	61	10 c	6 c, k	1 sk	5.7	11.93	10.4
10	18.8	27.4	22.5	22.9	29.1	17.8	11.3	82	42	73	66	3 ck	4 k	0 —	2.3	12.40	10.2
11	23.6	29.0	24.4	25.7	30.7	17.6	13.1	66	41	66	58	0 —	4 ck	6 ck	3.3	12.90	9.9
12	22.0	30.6	22.8	25.1	31.2	20.4	10.8	74	38	75	62	0 —	6 kn	2 ck	2.7	9.72	7.8
13	20.2	31.3	24.2	25.2	32.7	19.1	13.6	90	40	74	68	2 c	3 k	0 —	1.7	12.60	9.0
14	21.3	31.0	23.6	25.3	33.8	20.2	13.6	86	44	72	67	7 cs	8 kc	10 n	8.3	10.40	10.1
15	22.2	29.7	23.6	25.2	31.1	20.9	10.2	82	45	67	65	7 sk	2 c, k	1 c	3.3	13.32	9.2
16	19.6	28.4	25.6	24.5	29.4	18.6	10.8	86	53	63	67	2 c, k	4 c, k	8 sk	4.7	13.12	6.5
17	17.2	22.8	18.6	19.5	25.8	17.2	8.6	98	72	73	81	10 n	10 kn	10 kn	10.0	5.60	5.3
18	17.2	24.7	18.4	20.1	26.9	17.1	9.8	94	58	92	81	9 sk	3 kn	4 ck	5.3	8.57	6.0
19	15.7	21.0	17.8	18.2	24.2	15.4	8.8	96	63	75	78	6 sc	9 kn	6 c, sk	7.0	6.22	4.8
20	15.8	25.0	22.6	21.1	28.2	14.9	13.3	93	56	61	70	7 c	6 k	9 kc	7.3	13.73	7.0
21	19.2	23.6	18.5	20.4	27.2	18.3	8.9	74	66	82	74	8 k	9 k	2 c	6.3	7.25	4.4
22	17.9	23.8	19.7	20.5	25.4	16.9	8.5	90	56	72	73	9 sk	7 kn	1 ck	5.7	8.90	7.0
23	16.7	24.2	20.4	20.4	25.8	16.1	9.7	90	43	70	68	1 c	6 k	1 c	2.7	11.10	4.5
24	15.6	28.9	22.9	22.5	31.0	14.8	16.2	90	39	68	66	3 c	3 k, c	1 c	2.3	13.40	5.3
25	19.7	21.9	22.2	21.3	25.6	19.1	6.5	82	74	65	74	10 sk	10 kn	0 —	6.7	3.15	4.2
26	18.0	27.0	21.5	22.2	28.9	17.5	11.4	91	51	75	72	8 kc	6 kn	1 ck	5.0	5.43	6.8
27	17.2	29.0	24.2	23.5	31.8	16.5	15.3	95	42	62	66	0 —	4 k	4 c	2.7	13.00	8.9
28	20.1	33.2	27.5	26.9	33.9	19.1	14.8	87	42	52	60	3 c	9 cs	2 c	4.7	13.40	10.6
29	22.0	34.5	28.7	28.4	35.2	21.9	13.3	78	33	57	56	7 ck	5 cs	10 sk	7.3	8.30	8.3
30	23.9	32.3	24.6	26.9	32.9	23.6	9.3	71	40	58	56	8 ck	7 kc	3 ck	6.0	4.15	7.2
31	19.5	26.3	23.7	23.2	27.5	18.5	9.0	79	48	54	60	4 c	9 sc	6 sc	6.3	8.00	6.3
平均 Mean	12.6	27.6	22.5	23.2	29.3	18.4	10.9	84	49	69	67	5.4	6.4	3.6	5.1	296.10	232.3

※ 重力ノ更正 Reduction to standard gravity……+ 0.1
海面ヘノ更正 Reduction to mean sea level……+ 17.7

昭和六年八月二十五日印刷
昭和六年八月二十八日發行

關東廳觀測所
大連市八幡町三十五番地

印刷人　大連市大山通六十三番地
太田信三

印刷所　大連市大山通六十三番地
小林又七支店

昭和六年八月

滿洲氣象表

REPORT

OF THE

METEOROLOGICAL OBSERVATIONS

MADE AT THE

METEOROLOGICAL STATIONS

IN

MANCHURIA.

AUGUST 1931.

PUBLISHED BY THE METEOROLOGICAL OBSERVATORY, DAIREN.

凡　例

本編ハ昭和六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クレバ

觀測時ハ日本西部標準時卽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

氣壓ハ粍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卽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

平均雲量二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, 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	V	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
朝燒 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

昭和六年八月　　DAIREN.　　AUGUST, 1931.

日 Day	氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
1	49.8	49.3	49.2	47.6	46.1	47.1	48.2	SSE	4.8	SE	6.4	SSE	6.5	SSE	10.4	S	8.5	S	8.2	7.2	—	—	—	0.2	10.2	0.3	10.7
2	46.6	46.3	46.6	46.7	47.1	48.1	46.9	S	4.6	SSW	10.6	NW	8.1	NW	4.4	NW	2.4	S	2.2	4.9	0.3	—	—	—	—	—	0.3
3	47.8	48.4	48.4	47.9	48.0	48.3	48.1	WNW	1.1	NNW	3.2	NW	4.4	NNW	6.0	NW	4.5	NW	1.9	3.6	—	—	—	—	—	—	—
4	47.5	46.7	47.2	45.9	45.1	45.9	46.4	WSW	3.2	NW	2.8	NNW	3.9	NW	5.1	NW	3.7	NW	1.5	3.4	—	—	—	—	—	—	—
5	45.4	45.7	46.3	46.1	45.9	47.0	46.1	NW	1.9	NW	2.6	E	1.7	S	5.8	S	5.0	S	3.2	3.5	—	—	—	—	—	—	—
6	47.1	47.5	48.7	48.5	48.6	49.7	48.4	SSE	4.7	SSW	5.8	S	4.7	SSE	4.9	SSE	2.9	SSE	4.0	4.5	—	—	—	—	—	—	—
7	50.0	49.7	50.2	49.5	48.6	48.7	49.5	S	4.4	ESE	5.5	SE	7.5	SE	7.7	SE	9.5	ESE	6.2	6.5	—	0.7	0.2	0.0	0.4	1.5	2.8
8	47.8	47.0	47.4	46.8	47.5	48.8	47.6	SSE	6.8	S	8.3	SE	5.5	S	11.9	S	8.9	SSE	9.6	7.7	0.3	8.4	23.2	6.3	0.3	2.5	41.0
9	48.7	48.8	50.6	50.3	49.9	51.1	49.9	SSE	5.8	SSE	6.0	S	7.9	S	6.7	S	3.0	SSE	2.7	5.9	0.8	1.1	—	—	—	—	1.9
10	51.0	51.0	51.6	50.3	49.7	50.5	50.7	S	6.7	SSE	2.8	S	2.5	S	5.1	SSE	2.2	SSE	2.8	4.1	—	0.1	—	—	—	—	0.1
11	49.9	50.1	50.2	49.0	48.8	49.5	49.6	S	5.1	S	1.1	S	1.5	ESE	1.9	S	2.3	SSE	1.2	2.6	—	—	0.0	0.0	—	0.1	0.1
12	49.0	48.5	48.9	47.8	46.5	47.6	48.1	S	5.1	S	4.2	S	5.1	S	6.8	SSE	4.7	S	9.0	5.3	—	—	—	—	—	—	—
13	47.1	46.3	47.2	46.5	46.4	45.2	46.5	S	10.2	S	10.2	S	7.8	S	6.8	S	5.3	S	14.5	8.6	—	—	—	—	—	0.4	0.4
14	76.6	47.3	47.2	46.2	46.4	47.6	46.9	SSW	9.3	SSW	7.1	S	2.5	S	1.2	N	1.8	—	0.1	4.3	—	21.5	26.1	1.4	0.0	—	49.0
15	47.5	47.7	48.4	47.6	47.6	48.5	47.9	SSE	0.9	SSE	0.6	SSW	2.3	S	4.9	SSE	4.1	SSE	2.0	2.1	—	—	—	—	—	—	—
16	48.5	48.8	49.7	48.8	48.0	48.3	48.7	SSE	0.5	—	0.0	S	1.9	S	3.3	S	3.5	SSE	2.0	2.3	—	—	0.0	—	—	—	0.0
17	48.1	47.8	47.9	46.8	45.9	46.1	47.1	SSE	0.9	SSE	1.8	ESE	5.7	ESE	3.2	ESE	3.3	SE	6.0	3.0	—	—	—	—	—	—	—
18	45.5	44.8	44.4	43.2	42.8	42.7	43.9	SSE	4.6	SSE	3.2	SSE	5.7	SSE	5.8	SSE	2.2	SE	0.7	4.1	—	—	—	—	—	—	—
19	42.8	43.9	45.1	45.2	45.5	46.7	44.9	WNW	2.6	W	1.0	W	0.6	ENE	0.8	NNW	2.7	E	2.7	1.1	—	0.0	1.7	0.5	—	0.0	2.2
20	46.7	47.2	48.5	48.2	47.6	48.3	47.8	N	2.2	NW	0.9	N	4.7	NW	2.2	SSW	3.0	NW	0.6	2.6	—	—	—	—	—	—	—
21	48.4	48.1	49.1	47.7	47.9	48.5	48.3	—	0.0	NW	3.0	—	0.3	SSE	2.7	S	1.5	W	0.6	1.0	—	—	—	—	—	—	—
22	48.2	47.7	47.9	46.5	47.0	47.6	47.5	—	0.2	—	0.3	—	0.6	S	1.0	NNW	2.9	NW	1.9	1.1	—	—	—	—	—	0.0	0.0
23	47.3	48.2	48.8	48.6	48.8	49.9	48.6	NNW	3.2	NNW	4.5	N	6.0	NNW	5.7	N	4.2	NNW	3.8	4.3	—	—	0.0	—	—	0.0	0.0
24	49.4	49.8	50.0	49.5	49.2	49.5	49.6	NNW	2.6	NNW	2.9	N	4.4	ENE	6.0	E	2.8	E	3.2	4.6	0.0	0.0	—	—	—	—	0.0
25	48.8	48.5	48.1	47.0	46.3	46.7	47.6	ESE	3.3	ESE	2.6	ESE	5.8	ESE	6.5	ESE	6.8	ENE	4.8	4.8	—	—	0.0	0.0	0.7	5.5	6.2
26	45.5	44.9	44.5	41.7	39.8	40.3	42.8	NNW	4.2	NNW	5.3	NNW	5.0	NNW	8.0	NNW	8.4	NNW	8.9	5.1	15.0	9.1	13.0	10.8	3.3	0.2	51.4
27	41.6	43.9	46.3	47.9	49.7	51.5	46.8	NW	7.6	NW	9.6	NW	8.5	NNW	9.0	NW	3.2	NW	2.9	7.6	—	—	—	—	—	—	—
28	52.3	53.3	54.0	53.4	53.1	54.0	53.4	NW	2.5	—	0.0	NW	0.5	S	5.3	S	5.4	SSE	3.5	2.6	—	—	—	—	—	—	—
29	54.0	53.7	53.8	52.7	51.8	52.0	53.0	SSE	3.2	SSE	3.5	SSE	3.6	SSE	4.1	SSE	3.5	S	2.4	2.7	—	—	—	—	—	—	—
30	51.6	51.4	51.5	50.4	50.0	50.6	50.9	SSE	3.0	S	2.0	S	3.7	S	5.0	SSE	3.9	SSE	4.5	3.7	—	—	—	—	—	—	—
31	50.1	50.2	50.7	50.7	50.7	51.8	50.7	S	6.4	S	5.8	S	3.9	S	7.1	SSE	3.7	SSE	6.0	5.4	—	—	—	—	—	—	—
平均 Mean	48.1	48.1	48.7	47.9	47.6	48.3	48.1		3.9		4.0		4.3		5.3		4.2		4.0	4.2	16.4	40.9	64.2	19.2	14.9	10.5	166.1

日 Day	氣溫 (攝氏) AIR TEMPERATURE (°C) 2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 6h	10h	14h	18h	22h	平均 Mean	日照時數 No. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	22.7	22.7	23.0	23.6	21.9	23.6	22.9	24.0	21.3	2.7	99	100	99	98	95	97	98	10 s	10 ≡	10 n	10 sk,sc,kc	10 n	10.0	0.00	3.5
2	22.9	22.7	25.1	26.5	24.7	21.2	23.9	27.5	20.8	6.7	98	98	72	69	66	96	83	10 s	10 s	3 s, k	1 ck	0 c, cs	4.8	8.85	5.6
3	20.8	21.4	22.6	23.2	21.7	20.0	21.6	24.5	20.0	4.5	93	73	65	60	66	80	73	10 cs, k	10 sk, ck,k	10 k, sk	10 n, sk	7 s, sk	9.4	7.85	6.1
4	20.2	21.4	25.5	27.2	24.3	21.4	23.3	27.4	19.6	7.8	79	91	62	59	70	84	74	9 sc	10 ck, s	9 sc, k	10 kc, k	0 —	7.6	9.90	6.0
5	20.9	21.3	27.6	27.9	23.9	20.3	23.7	28.3	19.7	8.6	85	77	55	53	62	97	72	0 —	1 k	1 c, k	0 —	0 —	0.4	13.40	7.0
6	21.4	21.8	26.3	24.6	22.9	22.6	23.3	26.7	19.9	6.8	95	82	63	70	85	95	82	5 c	9 sc	10 ck	10 sc	10 s	8.8	10.20	4.2
7	22.4	22.6	23.7	22.6	21.9	21.3	22.4	23.7	21.2	2.5	93	96	86	94	98	100	95	10 s	10 sk	10 n	10 n	10 n	10.0	0.00	4.9
8	21.7	21.9	23.0	24.2	24.1	23.5	23.1	24.2	21.3	2.9	99	100	100	96	95	96	98	10 n	10 n	10 n	10 sk	10 n	10.0	0.00	1.6
9	23.2	23.4	26.6	27.8	25.9	24.5	25.2	28.5	22.8	5.7	98	100	87	82	90	94	92	10 sk	9 c, s	7 c, kc, s	10 sc, cs	9 cs, sc	9.0	6.20	4.5
10	24.0	23.8	28.5	29.2	26.4	24.3	26.0	29.8	23.2	6.6	96	98	80	77	87	98	89	10 kc, s	10 k, sk	3 s, ck	4 ck, s	10 ck, s	7.4	7.15	4.2
11	24.3	24.5	26.4	28.5	25.6	24.0	25.6	28.5	23.8	4.7	99	100	90	83	95	99	94	10 s	10 n, s	10 kn,k,kc	10 s,kn, kc	10 ≡	10.0	1.90	3.6
12	24.3	24.5	28.6	29.2	26.7	25.4	26.5	29.8	23.6	6.2	98	98	83	78	87	89	89	0 s, c	6 c, k	2 k	7 sk	0 —	3.0	12.70	5.7
13	24.5	24.1	26.7	29.2	26.6	23.8	25.8	30.3	23.6	6.7	93	96	87	80	92	94	90	9 c, s	9 cs, sk	7 c, k	8 sc, sk	8 sc	8.2	10.80	2.9
14	24.4	23.6	25.5	25.1	25.3	23.9	24.6	26.0	22.9	3.1	94	96	92	90	84	93	92	10 sk, n	10 sk	10 n	10 sk, cs	3 s	8.6	0.80	2.2
15	23.4	23.6	27.1	28.8	25.5	24.8	25.5	29.5	22.8	6.7	92	98	83	79	90	97	90	10 sk, s	10 ck,sc,sk	10 c, kc, k	4 sk, kn, c	10 s	8.8	8.28	4.8
16	24.6	24.7	28.6	28.7	25.7	23.8	26.0	30.0	23.6	6.4	98	98	80	80	90	95	90	10 n	8 k	8 kc, k	2 c	0 —	5.6	8.30	4.7
17	23.3	23.1	26.7	27.5	25.6	24.6	25.1	28.3	22.6	5.7	97	100	78	78	87	87	88	2 k, kc	4 sc, k, c	10 sc, k, s	7 kc, k	10 cs, s	6.6	8.95	4.7
18	24.4	24.2	27.0	26.2	25.6	24.3	25.3	27.5	23.7	3.8	91	93	79	78	85	96	87	10 s, kc	6 k	7 s	5 s, k, ck	3 sk	6.2	8.85	3.2
19	23.4	23.4	25.1	25.6	25.3	23.6	24.6	27.1	22.8	4.3	97	97	89	78	88	95	91	10 k, sk	10 n	10 n	10 n	6 s	9.2	0.00	2.0
20	22.8	22.8	26.7	29.2	25.7	23.3	25.1	29.3	22.1	7.2	96	96	92	54	78	72	81	4 s, k	1 k, s	2 c, k	6 c, sk	0 c	2.6	11.50	4.5
21	22.4	21.4	27.2	28.6	25.8	23.4	24.8	29.1	21.1	8.0	87	89	88	62	70	90	81	10 cs, sk	10 cs, c, ck	4 c, k	7 c, kc	8 c	7.8	11.10	3.8
22	23.3	23.4	28.1	27.6	25.0	23.3	24.8	28.0	23.1	4.9	87	97	80	82	89	91	88	10 k, sc, kc	10 sc, sk	10 sc, kn	10 sk	10 sk	10.0	0.40	3.0
23	21.7	20.3	23.2	23.2	22.6	22.1	22.2	24.8	20.1	4.7	93	95	63	61	67	65	74	10 sk	10 sc, sk	10 cs, sc	10 s, sc, sk	10 n	10.0	3.70	4.3
24	21.0	19.4	22.2	24.3	22.2	22.1	22.0	24.8	18.8	6.0	72	74	65	71	78	90	75	10 n, kn	4 sk, c	10 sc, sk	10 sk	10 sk	8.8	4.10	3.6
25	22.1	22.5	22.8	22.7	21.0	20.9	22.0	23.9	20.6	3.3	86	87	85	84	97	100	90	10 sk	10 n	10 sk	10 n	10 n	10.0	0.00	4.8
26	19.5	17.2	17.2	17.6	16.0	19.9	18.2	21.1	16.9	4.2	100	100	100	100	97	94	99	10 n	10 n	10 n	10 n	10 sk	10.0	0.00	1.3
27	19.5	20.3	21.5	24.0	23.2	20.2	21.5	24.8	19.1	5.7	92	71	71	65	69	86	76	4 kc, ck	10 sk	1 c, sk	0 —	0 —	3.0	7.99	4.6
28	19.4	21.5	27.4	27.8	25.4	20.8	23.4	28.5	19.0	9.5	85	61	53	54	73	91	70	0 —	1 c	6 c, k	9 c	3 c	3.8	12.05	4.6
29	20.7	20.5	23.4	23.7	22.5	21.6	22.1	26.0	19.3	6.7	95	92	63	71	78	94	82	10 sk	10 cs, sk	10 sk	9 kc	10 kc	9.8	2.90	3.7
30	21.0	20.9	25.6	26.1	23.6	22.1	23.1	26.7	20.8	5.9	93	98	68	66	67	79	79	3 s, ck	6 s, k, ck	3 ck, s	4 ck, s	4 kc	4.0	11.80	5.8
31	21.6	21.1	25.7	25.7	22.7	22.1	23.2	26.5	20.8	5.7	91	77	67	70	77	87	75	10 ck	7 k,s,c,kc	5 sk, k	4 ck, kc	10 sk	7.2	9.55	5.2
平均 Mean	22.3	22.3	25.3	26.1	24.0	22.7	23.8	26.9	21.3	5.6	92	91	78	75	82	91	85	7.9	8.1	7.4	7.3	6.5	7.4	199.22	130.6

* 重力ノ更正　Reduction to standard gravity……— 0.4
海面ヘノ更正　Reduction to mean sea level……+ 8.4

大　連

昭和六年八月　　DAIREN.　　AUGUST, 1931.

日 Day	水蒸氣ノ張力(粍) TENSION OF VAPOUR.(mm) 2h	6h	10h	14h	18h	22h	平均 Mean	地面溫度(攝氏) EARTH TEMP. ON THE SURFACE.(°C) 6h	14h	22h	平均 Mean	地中溫度(攝氏) EARTH TEMPERATURE. (°C) 0.1m	0.2m	0.3m	0.5m	1.0m	2.0m	3.0m	4.0m	5.0m	最低地溫(攝氏) MIN. TEMP. ON GRASS. (°C)	最高日溫(攝氏) MAX. TEMP. (BLACK BULB.) (°C)
1	20.3	20.5	20.6	21.2	18.5	21.0	20.4	24.9	26.3	23.7	25.0	25.8	25.5	25.9	25.3	23.0	18.4	16.0	14.9	13.5	21.4	28.4
2	20.3	20.1	17.1	17.7	15.2	17.9	18.1	23.1	35.2	22.0	26.8	25.4	24.1	24.5	24.4	22.8	18.4	16.2	14.9	13.5	19.6	43.0
3	17.0	13.8	13.3	12.8	12.7	13.9	13.9	20.5	32.9	20.9	24.8	23.6	23.3	24.1	23.3	22.7	18.7	16.3	15.2	13.6	18.6	36.3
4	13.9	17.2	15.0	15.9	15.8	15.8	15.6	21.1	41.3	22.1	28.2	23.8	22.9	23.7	23.7	22.6	18.6	16.3	15.0	13.7	18.1	37.1
5	15.6	14.5	15.0	14.8	13.7	17.1	15.1	20.1	45.5	22.7	29.4	24.9	23.4	24.1	24.0	22.4	18.8	16.5	15.1	13.8	17.2	40.3
6	18.9	15.9	16.2	16.1	17.7	19.3	17.4	21.5	38.0	24.6	28.0	25.8	24.5	25.0	24.6	22.6	18.9	16.6	15.2	13.8	18.8	39.0
7	18.7	19.5	18.8	19.1	19.1	18.8	19.0	23.5	26.3	22.4	24.1	24.6	24.5	25.2	24.8	22.9	18.9	16.7	15.4	14.0	20.6	28.5
8	19.1	19.5	20.9	21.5	21.2	20.6	20.5	22.3	24.9	23.3	23.5	23.7	22.9	23.7	23.7	22.6	18.9	16.7	15.4	14.0	20.8	25.3
9	20.7	21.4	22.5	22.8	22.2	21.5	21.9	23.5	33.0	24.8	27.1	24.5	23.4	23.6	23.4	22.4	18.9	16.8	15.6	14.1	22.2	36.6
10	21.3	21.4	23.1	23.2	22.5	22.1	22.3	24.3	36.3	25.2	28.6	26.5	24.6	24.6	24.1	22.4	18.9	16.8	15.5	14.1	22.8	39.6
11	21.8	22.8	22.9	23.8	23.2	21.9	22.7	25.2	33.0	25.4	27.9	26.6	25.6	25.3	24.8	22.6	18.9	16.7	15.6	14.2	23.4	45.6
12	22.1	22.4	24.2	23.4	22.6	21.5	22.7	24.5	36.2	25.4	28.7	27.1	25.3	25.4	25.0	22.9	19.0	17.0	15.6	14.2	23.1	41.4
13	21.2	21.4	22.6	24.1	23.9	20.6	22.3	24.1	37.3	25.0	23.8	26.4	25.4	25.6	25.2	23.2	19.2	17.0	15.9	14.3	22.4	39.4
14	22.5	20.7	22.4	21.4	20.1	20.5	21.3	24.2	29.1	24.5	25.9	26.3	24.2	25.3	25.4	23.7	19.4	17.2	15.8	14.2	22.0	36.8
15	19.7	21.2	22.1	23.3	21.9	22.5	21.8	24.2	34.6	25.6	28.1	25.8	24.9	25.3	25.0	23.9	19.9	17.4	15.9	14.5	21.8	46.6
16	22.6	22.6	23.3	23.4	22.2	20.8	22.5	25.4	35.1	25.0	28.5	27.0	25.8	26.0	25.4	23.5	19.6	17.3	15.9	14.5	22.0	48.0
17	20.6	21.0	20.4	21.3	21.1	20.1	20.8	23.8	35.0	25.2	28.0	26.7	25.5	25.5	25.6	23.7	19.3	17.3	16.1	14.5	21.6	46.0
18	20.7	20.9	20.8	19.6	20.7	21.7	20.7	24.3	30.8	24.8	26.6	26.3	25.6	26.1	25.6	23.8	19.6	17.3	16.1	14.7	22.7	40.4
19	20.7	20.7	21.2	20.3	21.2	20.5	20.8	24.1	29.0	24.2	25.8	25.2	24.7	25.4	25.3	23.7	19.8	17.5	16.4	14.7	22.0	39.2
20	19.8	19.8	24.1	16.4	19.2	15.3	19.1	23.2	34.2	23.0	26.8	24.7	24.3	24.9	24.8	23.5	19.9	17.5	16.2	14.6	19.9	40.4
21	17.5	17.0	23.6	18.1	17.3	19.2	18.8	21.6	35.7	24.0	27.1	24.9	24.1	24.7	24.7	23.4	19.9	17.5	16.4	14.7	18.6	45.3
22	18.5	20.7	20.1	22.5	21.0	19.3	20.4	23.7	30.3	23.6	25.9	25.4	24.6	25.0	24.9	23.4	19.9	17.7	16.4	14.7	20.1	39.2
23	17.9	16.7	13.5	13.6	13.7	12.9	14.7	21.0	27.0	21.5	23.2	23.0	23.2	24.2	24.4	23.4	19.9	17.7	16.4	14.5	19.5	31.3
24	13.3	12.4	13.8	16.0	15.6	17.7	14.8	21.0	32.6	21.3	25.3	21.9	22.0	22.9	23.4	23.2	20.1	17.8	16.6	14.9	17.6	42.1
25	17.0	17.6	17.5	17.2	17.9	18.4	17.6	22.9	27.2	22.3	24.1	23.8	23.3	23.6	23.4	22.9	20.0	18.0	16.5	15.0	20.0	23.3
26	16.8	14.6	14.6	15.0	14.8	16.3	15.4	19.5	19.0	19.5	19.3	19.3	20.9	22.5	23.2	22.9	20.0	18.0	16.8	15.0	17.4	[illegible]
27	15.5	12.6	13.5	14.4	14.7	15.2	14.3	18.3	28.3	18.8	21.8	20.3	19.9	20.9	21.6	22.5	19.9	18.3	16.7	15.2	17.6	[illegible]
28	14.2	11.6	14.4	15.0	15.6	16.7	14.6	17.3	33.5	20.5	23.8	21.6	20.4	21.1	21.7	22.1	19.9	18.5	16.9	15.2	15.7	[illegible]
29	17.2	16.6	13.7	15.5	15.9	17.9	16.1	20.0	27.6	21.4	23.0	22.5	21.6	22.3	22.3	21.9	19.9	18.5	16.9	15.2	18.4	[illegible]
30	17.2	18.0	16.7	16.5	13.7	15.7	16.3	20.4	34.2	21.2	25.3	23.6	22.2	22.5	22.4	21.9	19.9	18.5	16.9	15.2	19.8	[illegible]
31	13.6	14.3	16.4	17.2	15.7	17.1	15.7	19.7	33.8	22.0	25.2	23.1	22.9	22.8	22.9	22.1	19.9	18.5	17.1	15.4	19.8	[illegible]
平均 Mean	18.6	18.4	18.8	18.8	18.4	18.7	18.6	22.3	32.4	23.2	26.0	24.5	23.7	23.9	24.1	22.9	19.4	17.3	16.0	14.4	20.2	37.7

記　事 REMARKS.

日 Day	記事
1	-☰1-☰29h20-☰11h08-☰°11h30-13h05.●°11h53-12h13.●°13h17-●15h36-●°15h45-●15h55-●°15h56-●16h20-●16h30-
2	☾1(SE)p. 1st {-●16h35-●°16h40-17h30.☾(W)16h14.●°19h25-19h40.●°20h54-23h30.
3	σ1p.
4	σ1p.
5	⌒1σ1p.
6	⌒1a.⊕2σ1☾°(SE)p.
7	●°3h06-4h13.●°6h42…8h50.●°12h15.●°13h56…14h12.●°15h30…19h47. 8th {●°17h12-17h40.●°18h30-
8	●°1h37 ●13h15-●°3h42 ●15h20-●°5h48-●17h46-●28h15-●18h27-●29h07-●19h53-●°13h10-16h20.
9	⌒°☾1(N)p. -●°-5h42.
10	⌒1a.⌒1σ°p. ●°3h30…3h56. 11th {-☰21h47-☰°23 45-
11	⌒1a. ☰°7h30…10h45.●°8h25-8h45.●°8h58-9h30.●°10h45.●°11h57…12h10.☰°15h45-16h30.☰°19h55-☰12h25-☰20h53-
12	⌒°a. -☰°-1h40.
13	⌒1a. ☾°(W 20h17…20h30.☾°(WSW)21h17…☾1(SW)21h22…☾°21h32 -21h38.●°21h23-●21h25-●°21h30-21h45.
14	∩°a.⌒1σ1p. ●°4h20-●14h59-●25h05-●15h27-●°5h30-●15h35-●°5h40-5h50.●°6h20-●16h21-●°6h22-6h25.●°7h35-●18h20-
15	⌒1a.p.σ°a.σ2p.14th {-●28h32-●19h15-●°9h30-9h45.
16	⌒1a.⌒2p. ●°6h04.
17	⌒2a.⌒1p.
18	⌒1a.p.σ°p.
19	⌒2σ1a. ●°5h40.●°7h36-●17h54-●°8h03-8h25.●°9h55-10h18.●°12h33-13h04.●°18h05.●°20h20-20h25.
20	⌒1a.⌒°p.
21	⌒1⊕°a.⌒°p.
22	⌒1∞°a.⌒°σ°p. ●°18h04-18h08.
23	σ1a.⊕°p. ●°8h17-8h23.●°19h20-19h25 ●°21h57-22h43.
24	σ°m°a. ●°5h09.
25	●°9h55-11h20.●°15h10-15h30.●°16h40-●19h20-●°20h30-●23h50-
26	-●1-●°3h25-6h40.●°8h19-●18h36-●°10h45-●12h45-●°13h50-20h32.
27	σ°a.⌒°p.
28	⌒2a.p.∞1a.
29	⌒2σ2a.⌒°⊔°p.
30	⌒2a.σ1p.
31	σ1a.⌒°p.

營口

昭和六年八月 YINGKOW. AUGUST, 1931.

日 Day	氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
1	58.5	58.2	57.5	55.7	53.6	54.1	56.3	SSE	0.6	ESE	0.5	ESE	2.3	SE	4.1	SSE	3.3	SSE	5.3	2.0	—	—	0.0	0.2	6.6	1.0	7.8
2	53.6	52.8	52.7	53.4	53.5	55.0	53.5	S	2.3	S	2.4	WNW	4.0	WSW	4.2	SSW	3.7	WNW	6.4	3.8	—	2.9	2.0	0.0	—	—	4.9
3	55.3	55.2	55.4	55.4	54.8	55.0	55.2	WNW	5.3	NW	3.7	NW	2.9	NNW	2.9	NNW	1.8	NNW	1.6	3.3	—	—	—	—	—	—	—
4	54.5	54.4	54.6	53.7	52.3	53.3	53.8	NW	2.1	N	1.4	NE	1.9	N	2.0	W	2.6	SW	1.3	1.9	—	—	—	—	—	—	—
5	53.0	52.8	53.2	52.8	52.4	53.7	53.0	SSW	1.3	S	1.9	SSW	4.1	SSW	5.7	SSW	4.1	S	2.6	3.4	—	—	—	—	—	—	—
6	53.6	54.7	55.7	55.0	55.6	57.0	55.3	S	4.1	SSE	2.0	SSW	5.3	SW	4.7	SSW	3.8	S	2.3	3.7	—	—	—	—	—	—	—
7	57.6	57.7	57.5	56.8	56.6	57.6	57.3	S	1.8	SSE	3.5	SSE	2.9	SSE	3.3	SSE	2.6	SE	1.3	2.6	—	—	—	—	—	—	—
8	56.3	55.7	55.7	53.5	54.3	56.3	55.3	E	0.8	E	1.5	SE	1.8	SE	0.9	S	1.9	S	3.9	2.0	—	1.4	6.7	5.9	45.4	31.8	91.2
9	56.5	56.8	57.5	57.3	57.3	58.4	57.3	SSE	2.1	S	0.6	S	4.3	SSW	5.8	SSW	2.6	SSW	1.6	2.4	0.9	14.7	13.6	1.8	0.5	—	31.8
10	58.4	58.5	58.8	57.7	57.0	57.9	58.1	—	0.4	—	0.1	S	2.8	SSW	2.6	SSW	1.9	—	0.3	1.4	—	—	—	—	—	—	—
11	57.8	57.7	57.5	56.6	56.4	56.6	57.1	—	0.1	—	0.0	SSW	1.9	SW	2.9	SSW	1.3	S	1.4	1.2	—	—	—	0.0	—	—	0.0
12	56.6	55.7	55.7	54.6	53.4	54.5	55.1	S	2.1	S	1.3	SSW	4.7	SSW	5.4	SW	5.2	S	2.0	2.9	—	0.2	1.1	—	—	—	1.3
13	53.7	53.0	53.5	53.3	52.6	53.6	53.3	S	5.3	S	4.1	S	5.5	SSW	4.7	SSW	4.7	S	4.7	5.0	—	—	—	0.4	—	0.1	0.5
14	53.8	53.6	54.0	54.0	53.9	54.5	54.0	S	1.9	S	4.0	S	4.3	SSW	3.4	SSW	3.8	SSW	1.0	3.1	0.9	—	—	—	—	—	0.9
15	54.7	55.0	55.6	55.0	55.0	56.3	55.3	S	1.3	S	1.1	S	2.6	SSW	2.3	SW	1.1	SW	0.7	1.8	—	—	—	—	—	—	—
16	56.2	56.1	57.0	56.0	55.2	55.9	56.1	SSW	0.6	S	0.6	SSW	2.9	SSW	4.1	S	1.7	S	0.8	1.7	—	—	—	—	—	—	—
17	55.4	55.8	55.5	54.4	52.9	53.8	54.6	S	0.6	S	1.2	SSW	1.3	W	2.4	SW	1.3	SSW	1.2	1.5	—	—	—	—	—	—	—
18	53.5	52.6	52.1	50.7	50.2	50.8	51.7	SSW	1.3	S	1.5	SSW	2.9	SW	2.6	SW	2.3	WSW	1.2	1.7	—	—	—	—	—	0.2	0.2
19	50.2	50.5	53.1	53.4	53.9	54.8	52.7	WSW	1.5	WSW	1.6	NNE	3.3	NNE	3.2	NE	1.2	NE	0.5	1.8	—	—	0.3	1.1	0.0	—	1.4
20	55.0	55.6	56.4	55.2	54.8	55.1	55.4	NNE	1.2	—	0.4	NE	1.5	NE	0.8	SW	1.8	SW	1.3	1.3	—	—	—	—	—	—	—
21	55.5	55.6	56.8	56.0	55.7	56.6	56.0	S	1.2	S	0.9	S	1.8	NNE	3.0	NNE	3.3	NNE	1.7	2.0	—	—	—	—	—	—	—
22	56.6	56.3	56.4	55.4	55.9	57.3	56.3	NNE	1.8	NNE	3.5	NNE	2.6	NNE	4.3	NNE	4.7	NNE	4.0	3.5	—	—	—	—	—	—	—
23	57.8	58.1	58.6	58.0	58.0	59.5	58.3	NNE	3.7	NNE	3.5	NNE	5.6	NNE	7.8	NNE	4.7	NNE	5.3	5.1	—	—	—	—	—	—	—
24	58.5	59.2	59.5	58.4	58.0	58.2	58.6	NNE	4.9	NNE	5.6	NNE	6.1	NNE	4.4	NNE	1.9	NNE	0.5	4.1	—	—	—	—	—	0.1	0.1
25	57.2	57.2	56.7	56.0	55.9	56.7	56.6	—	0.4	NNE	2.3	NNE	1.6	NNE	3.8	NNE	4.3	NNE	3.2	2.3	—	0.0	0.1	0.4	0.0	2.0	2.5
26	56.4	55.8	54.2	52.4	56.1	48.4	53.9	NNE	5.3	NNE	3.7	NNE	4.1	NNE	4.4	NNE	4.7	NNE	4.9	4.4	2.7	0.3	0.1	0.4	2.5	—	6.0
27	[illegible]	[illegible]	56.0	55.7	57.1	59.0	54.4	N	5.4	N	4.4	NNE	7.3	NNE	5.8	NNE	0.9	NNE	0.7	4.3	—	—	—	—	—	—	—
28	[illegible]	[illegible]	61.3	60.3	60.1	61.1	60.5	E	0.9	E	1.2	S	3.4	SSW	4.2	SSW	2.8	S	2.3	2.3	—	—	—	—	—	—	—
29	[illegible]	[illegible]	61.2	59.8	59.0	59.6	60.3	SSE	1.8	SSE	1.8	SSW	4.7	SSW	3.5	SSW	2.6	SSE	0.7	2.8	—	—	—	—	—	—	—
30	[illegible]	[illegible]	58.8	57.5	57.2	57.6	58.2	SSE	0.6	SSE	1.0	S	4.3	SW	4.1	SW	3.3	S	1.8	2.3	—	—	—	—	—	—	—
31	[illegible]	[illegible]	55.0	57.4	57.9	59.3	57.9	SSE	1.3	SSE	1.8	S	3.5	S	4.6	SW	2.0	S	1.2	2.6	—	—	—	—	—	—	—
平均 Mean	55.9	55.9	56.3	55.5	55.4	56.0	55.8		2.1		2.0		3.5		3.8		2.8		2.2	2.7	4.5	19.5	23.9	10.2	55.3	35.2	148.6

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 6h	10h	14h	18h	22h	平均 Mean	日照時數 NO. OF HOURS WITHE SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	22.7	21.9	27.4	29.0	25.2	24.7	25.2	29.2	21.1	8.1	90	93	71	60	89	80	81	10 cs. ck	10 sc	10 n, sk	10 n	10 n, sk	10.0	0.00	4.7
2	24.7	24.8	21.8	25.4	23.9	20.7	23.6	26.3	20.7	5.6	89	88	92	58	64	66	76	10 kc, k	10 n	10 sk	6 c, sk	10 ck	9.2	3.80	5.2
3	20.2	19.2	20.9	22.6	22.3	21.3	21.1	23.8	18.0	5.8	70	72	70	64	70	77	71	10 kc, sk	10 sk	10 sk	10 sk	10 sk, sc	10.0	0.78	3.4
4	21.4	19.2	26.3	28.8	26.6	22.5	24.1	29.8	17.9	11.9	77	81	55	48	59	83	67	0 —	10 cs	10 c, k	3 c, k	0 —	4.6	14.00	6.4
5	20.6	18.8	27.5	28.6	26.3	24.0	24.3	29.3	17.8	11.5	88	89	51	41	57	65	65	0 —	0 —	0 —	0 —	0 —	0.0	13.49	9.7
6	21.5	20.6	27.0	29.7	26.7	23.5	24.8	30.2	19.8	10.4	63	66	57	46	66	72	62	3 ck, c	0 k	9 c, k	10 cs. kc	6 cs	5.6	12.56	8.2
7	21.5	23.3	29.1	30.5	27.3	23.9	25.9	31.1	20.8	10.3	77	75	46	49	55	75	63	10 sk	10 cs, ck, k	10 c, k	10 sc	10 sc	10.0	9.66	6.0
8	23.2	21.2	22.6	24.3	24.0	25.0	23.4	25.4	20.3	5.1	79	95	96	93	97	90	92	10 n	10 n	10 n	10 n	10 n	10.0	0.00	0.7
9	24.1	23.7	24.7	26.6	25.4	25.0	24.9	26.7	23.0	3.7	93	95	96	85	90	94	92	10 n	10 n	10 n, sk	10 n	10 n, sk	10.0	0.00	1.4
10	25.0	24.7	26.1	27.7	27.4	25.1	26.0	29.1	24.1	5.0	94	96	90	83	80	95	90	10 sc	10 sc	10 sk	1 c, k	0 —	6.2	3.70	3.2
11	24.2	24.5	29.0	27.6	27.2	24.7	26.2	29.4	23.4	6.0	96	97	75	82	85	95	88	10 kn, sk	10 kc, kn	10 n, sk	10 sk, k	0 —	8.0	3.40	2.3
12	25.6	25.2	27.6	29.8	27.8	27.0	27.2	30.3	24.2	6.1	93	94	85	69	77	85	84	10 kc, sk	10 c, ck	9 c, k	10 c	10 sc	9.8	8.78	3.2
13	27.6	26.7	27.8	26.7	27.2	25.9	27.0	28.0	25.3	2.7	80	80	80	84	80	95	83	10 sk	10 sk	10 n	10 n, sk	10 n	10.0	0.70	2.9
14	24.6	25.2	26.7	28.0	26.4	24.4	25.9	29.3	24.2	5.1	93	88	80	74	83	92	85	10 sk, kc	10 sk, k	10 cs, sc	9 cs, k	0 —	7.8	4.20	3.3
15	24.0	23.4	28.1	30.1	28.0	25.6	26.5	30.7	22.6	8.1	95	96	76	59	71	87	81	10 cs, kc	10 cs, k	10* c, k	10 cs, ck	6 cs	9.2	12.32	4.9
16	25.2	25.0	28.1	30.2	28.2	25.8	27.1	31.2	24.1	7.1	90	94	74	63	65	89	79	10 sk, sc	10 sc, sk	9 ck, k	10 kc, ck	0 —	7.8	6.40	4.6
17	25.5	24.2	29.0	31.5	29.3	25.9	27.6	31.8	23.4	8.4	91	93	69	63	65	88	78	10 k	9 k, c	3 c, k	10 kc, k	10 cs	6.4	11.33	5.5
18	24.9	24.9	28.3	30.4	27.8	26.3	27.1	31.2	23.6	7.6	95	85	67	63	76	84	78	10 kc	7 cs. k	9 kc.c,k	0 k	0 —	5.2	8.86	4.7
19	25.5	25.4	24.6	24.3	24.4	21.3	24.3	26.3	20.7	5.6	88	89	65	68	74	93	80	10 sk, sc	10 sc	10 n	10 kc, kn	0 —	8.0	0.72	2.0
20	21.0	19.1	28.3	29.5	27.0	23.3	24.7	30.9	18.9	12.0	96	97	58	46	59	82	73	10 —	1 k, c	0 —	10 c	4 c	3.0	12.40	5.5
21	22.9	21.7	26.9	27.3	26.2	22.3	24.6	28.9	21.2	7.7	80	80	58	62	63	72	69	10 sc	10 sk	10 cs. sk	10 c, cs	10 cs	10.0	5.11	4.8
22	20.5	19.5	25.0	26.3	23.3	20.0	22.4	26.5	18.5	8.0	80	86	60	55	56	77	69	10 c	10 sc	10 sc, sk	10 sc, sk	10 kc, cs	10.0	4.95	4.4
23	18.2	17.8	21.6	25.4	23.3	20.6	21.2	25.6	17.1	8.5	86	80	61	52	59	59	66	10 c, ck	10 sc	10 cs. sk	10 cs	10 cs	10.0	9.56	5.7
24	17.8	15.5	19.0	23.8	22.3	20.5	19.8	24.5	14.7	9.8	58	65	54	45	55	77	59	10 sc, kc	10 kc, cs	10 sk, c	10 sk	10 n	10.0	6.24	4.7
25	19.6	19.5	21.6	19.9	16.2	15.1	18.7	22.8	13.8	9.0	80	84	80	83	79	96	84	10 n	10 n	10 n	10 n	10 n	10.0	0.00	0.8
26	14.9	15.3	16.1	17.6	19.6	20.3	17.3	20.5	13.7	6.8	96	94	94	93	81	82	90	10 n	10 n	10 n	10 n	10 n, sk	10.0	0.00	3.7
27	18.0	18.5	21.9	26.9	25.3	19.6	21.7	27.0	17.5	9.5	90	89	72	47	63	85	74	10 sc	9 c, ck	4 k	0 —	n —	4.6	10.72	4.9
28	17.6	16.4	27.1	28.6	25.1	22.2	22.8	28.8	15.6	13.2	90	93	44	51	62	80	70	0 —	0 —	0 k	1 c, k	0 —	0.2	12.30	5.7
29	19.6	18.8	25.8	27.1	24.9	20.5	22.8	27.8	17.8	10.0	76	78	51	52	62	82	67	10 c	10 c	10 cs, ck	10 cs, ck	10 c, ck	10.0	9.64	4.8
30	18.1	18.5	24.3	27.4	24.7	19.6	22.1	27.8	16.9	10.9	85	83	66	57	69	76	73	10 ck, c	6 kc	0 c, k	4 k, c	3 c	4.6	9.66	4.8
31	18.5	20.1	24.8	26.3	24.0	20.7	22.4	27.3	17.7	9.6	88	86	62	54	79	82	75	10 kc	10 sk	10 sk	7 c, k	0 —	7.4	4.16	3.6
平均 Mean	21.9	21.4	25.3	27.0	25.3	22.8	24.0	28.0	19.9	8.0	85	86	70	63	71	82	76	8.2	8.5	8.2	7.8	5.8	7.7	199.44	135.7

* 重力ノ更正 Reduction to standard gravity ..... — 0.3

海面ニノ更正 Reduction to mean sea level ..... + 0.3

奉　天

昭和六年八月　　**MUKDEN.**　　AUGUST, 193

Day	氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h.		降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	
1	54.6	54.7	54.5	53.0	50.9	50.3	53.0	SE	2.7	SE	1.1	SE	2.6	SE	2.7	ESE	3.4	ESE	3.6	2.8	2.5	—	—	0.0	0.0	8.0	
2	49.5	48.7	48.1	47.4	48.2	49.1	48.5	SE	2.7	SE	3.0	S	2.4	SW	7.8	SW	4.6	SSW	5.4	4.2	3.9	0.9	9.5	10.6	—	—	
3	49.3	49.9	50.5	50.1	49.8	50.1	50.0	SSW	7.1	WSW	5.1	WSW	5.4	W	4.4	NW	2.1	NW	1.9	4.7	1.8	2.2	0.6	0.0	0.0	—	
4	49.7	50.3	50.4	49.4	48.2	49.0	49.5	NW	1.9	—	0.0	NNE	2.3	NNE	2.7	ENE	1.6	—	0.2	1.7	—	—	—	—	—	—	
5	48.7	48.6	48.7	[illegible]	47.6	49.3	48.5	E	2.0	E	3.3	S	4.3	SSW	6.2	SW	4.0	SSW	5.4	3.8	—	—	—	—	—	—	
6	48.9	50.1	5[illegible]	50.7	51.1	52.7	50.8	S	2.7	S	4.1	SW	8.8	SW	7.8	SW	2.7	SW	4.1	5.1	—	—	—	—	—	—	
7	53.3	54.0	5[illegible]	52.6	52.6	53.2	53.3	SW	2.7	S	3.3	SSE	5.4	SSW	5.1	SSE	5.4	SSE	3.6	4.1	—	—	—	—	—	—	
8	53.1	52.4	52.[illegible]	52.0	51.7	52.2	52.3	SSE	1.7	SE	3.0	SE	1.8	SE	3.0	SE	2.4	SE	4.3	2.8	0.2	0.0	9.1	11.5	15.6	34.6	71.0
9	53.1	53.6	54.0	52.7	52.6	54.0	53.3	S	2.7	WSW	1.7	NW	1.2	ESE	2.7	SW	3.0	SW	3.2	2.4	28.5	16.6	46.5	14.5	14.3	—	120.1
10	54.1	54.1	54.5	53.2	52.4	53.7	53.7	SW	2.5	SW	2.2	SW	2.4	WSW	1.9	WSW	1.2	—	0.2	2.1	—	—	—	0.0	—	—	0.0
11	54.0	54.0	53.5	52.2	51.9	52.3	53.0	SSW	1.1	SSW	0.6	S	0.8	—	0.3	S	2.1	SSE	1.6	1.1	—	—	—	—	—	—	—
12	52.0	51.6	51.3	49.6	48.8	49.5	50.5	S	1.5	S	2.9	SW	5.0	SW	8.2	SW	6.0	SSW	5.5	4.3	—	—	0.0	0.8	—	—	0.8
13	48.8	48.4	48.1	47.8	47.8	48.8	48.3	SSW	5.8	SSW	4.8	SSW	7.2	SW	8.3	WSW	5.2	SSW	4.4	6.5	—	—	12.7	7.5	7.5	0.1	27.8
14	49.0	49.3	50.0	49.7	49.6	50.6	49.7	SW	5.3	SW	5.7	WSW	7.5	WSW	6.1	SW	3.8	SW	1.4	5.0	—	—	0.0	—	—	—	0.0
15	50.8	51.2	51.7	50.7	51.5	51.6	51.1	SSW	0.9	SW	1.7	SW	3.4	SW	4.4	W	2.2	SW	2.7	2.8	—	—	—	—	—	—	—
16	52.1	52.4	52.6	51.9	51.0	51.7	52.0	SSW	2.5	SSW	1.2	SSE	2.9	SW	3.9	SSW	1.2	SW	1.6	2.1	—	—	—	—	0.0	—	0.0
17	51.6	51.7	51.6	50.0	49.9	50.2	50.8	SSW	1.1	—	0.2	SSW	3.1	S	4.6	SW	1.1	SE	2.1	2.2	—	—	—	—	0.0	—	0.0
18	49.2	48.6	47.9	46.6	45.9	46.9	47.5	SE	2.1	S	1.6	SSW	5.3	SSW	5.6	SSW	2.2	S	1.5	3.2	—	—	—	—	0.4	—	0.4
19	45.9	45.9	48.6	49.4	49.8	50.6	48.4	—	0.4	N	3.9	NNW	3.2	NNW	2.2	NNE	2.0	NNE	1.3	2.2	—	0.1	—	0.0	—	—	0.1
20	50.7	51.3	52.4	50.6	49.4	50.6	50.8	NNE	1.0	NNE	2.2	N	3.0	SE	1.7	SW	2.5	S	3.0	1.7	—	—	—	—	—	—	—
21	51.2	51.7	52.8	51.8	51.9	53.3	52.1	S	1.9	S	1.1	W	1.9	WNW	2.8	N	1.8	N	1.6	2.1	—	—	—	—	—	—	—
22	52.6	53.1	52.8	52.0	52.6	53.2	52.7	NE	2.3	NNE	3.1	NNE	4.1	NNE	7.1	NNE	5.1	NNE	5.4	4.4	—	—	—	—	0.0	—	0.0
23	53.6	54.8	55.7	55.1	55.0	56.8	55.2	NNE	2.8	NNE	4.3	NE	6.5	NE	7.8	NNE	5.8	NNE	2.4	5.3	—	—	—	—	—	—	—
24	56.4	56.4	56.0	54.5	53.8	53.9	55.2	—	0.3	NNE	4.4	NE	2.5	NE	5.0	NNE	2.9	NNE	2.3	2.6	—	—	—	—	—	—	—
25	53.1	53.2	52.7	52.2	52.5	52.6	52.7	NNE	1.2	E	0.6	E	1.1	SSW	2.5	NNW	2.0	NNW	3.2	1.8	—	0.0	—	0.3	3.0	6.7	10.0
26	51.8	51.4	51.2	48.7	47.0	45.5	49.1	N	3.3	N	3.2	NNE	3.7	NNE	4.7	ENE	1.6	NNE	4.6	3.9	6.1	0.6	—	—	0.4	0.6	7.7
27	44.2	46.4	49.9	51.6	52.8	54.7	49.9	NNE	6.8	N	5.7	NNE	6.5	NE	5.1	ESE	1.7	ESE	1.3	4.0	2.9	0.1	—	—	—	—	[illegible]
28	55.5	56.4	57.2	56.0	55.7	56.7	56.3	ESE	2.3	ESE	3.0	SE	3.0	SSW	3.4	SSW	1.4	SSW	2.5	2.3	—	—	—	—	—	—	[illegible]
29	56.4	56.6	56.6	55.3	54.6	55.4	55.8	S	2.1	SSE	2.7	S	6.0	SSW	7.2	SSW	3.9	SSW	3.2	3.9	—	—	—	—	—	—	[illegible]
30	55.0	54.9	54.5	53.1	52.6	53.5	53.9	SSW	2.1	S	1.7	SSW	5.0	SSW	4.5	S	3.0	SSW	3.4	3.4	—	—	—	—	—	—	[illegible]
31	53.2	53.4	53.8	53.4	54.2	55.3	53.9	S	1.8	S	3.3	SSE	5.0	S	4.2	—	0.2	ESE	2.5	2.8	—	—	—	—	12.3	[illegible]	[illegible]
平均 Mean	51.7	51.9	52.2	51.3	51.0	51.8	51.7		2.5		2.7		4.0		4.6		2.8		2.9	3.3	45.9	20.5	78.4	45.2	53.5	[illegible]	[illegible]

Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 6h	10h	14h	18h	22h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	23.0	28.1	27.8	28.7	26.9	23.6	25.5	29.0	22.5	6.5	100	99	76	75	82	100	89	10 sk, sc	10 sk, sc	10 sk	10 n	10 n	10.0	3.47	4.0
2	23.4	22.8	24.7	25.2	23.0	19.8	23.2	27.6	19.8	7.8	100	100	99	87	79	97	94	10 sk, s	8 sk, kn	10 kn, sk	10 sk, s	10 sk, s	9.6	4.00	4.4
3	17.7	17.2	17.8	19.3	20.9	19.6	18.8	21.0	16.5	4.5	100	99	100	100	90	99	98	10 s, n	10 n	10 n, s	10 sk, s	10 s	10.0	0.08	2.4
4	18.2	17.2	24.9	27.1	25.8	20.5	22.3	27.6	16.1	11.5	100	100	72	65	72	99	85	0 —	0 k	8 k	2 sk	0 —	2.0	12.88	5.5
5	18.2	18.9	26.2	29.6	27.0	23.1	23.8	29.9	16.9	13.0	100	94	78	57	64	78	79	0 —	0 —	3 k	4 c	10 sc, s	3.4	12.72	6.0
6	20.0	20.8	27.0	29.6	28.9	23.2	24.9	30.6	19.3	11.3	100	88	68	55	65	91	78	0 —	0 k	3 c, k	8 c	2 kc	2.6	13.30	7.3
7	20.0	20.1	27.2	30.1	26.6	23.0	24.5	30.9	18.0	12.9	100	90	78	68	80	88	84	9 s, sk	10 c, k	10 cs, k	10 cs, sk	3 s	8.4	9.78	5.8
8	21.9	21.7	21.5	23.6	23.1	23.0	22.5	23.6	21.4	2.2	100	97	100	100	100	100	100	10 n	10 n	10 n	10 n	10 n	10.0	0.00	0.1
9	23.0	23.1	23.0	24.0	25.1	24.0	23.7	25.1	22.6	2.5	100	100	100	100	98	100	100	10 n	10 n	10 n	10 s	0 —	8.0	0.00	1.2
10	24.1	23.9	28.0	29.8	29.9	24.8	26.8	30.9	23.1	7.8	100	100	83	78	80	100	90	10 s	10 sk, k	10 k, sk	9 c, k	0 —	7.8	6.42	3.5
11	24.0	24.4	27.9	30.5	27.1	24.8	26.5	31.5	23.7	7.8	100	100	85	74	91	100	92	10 s, c	10 sk, sc	10 cs, ck, kn	10 kc, kn	10 s, sk	10.0	5.55	3.6
12	24.1	24.8	28.0	30.6	28.8	26.0	27.1	30.9	23.8	7.1	100	96	88	79	86	94	91	10 sk, s	10 sk, n	10 k, sk	10 cs. k	0 sk	8.0	7.50	4.8
13	26.0	26.3	25.0	23.9	24.7	25.1	25.2	28.1	23.5	4.6	86	90	100	100	100	98	96	10 s, sk	10 n, kn	10 kn, n	10 n	8 s	9.6	0.00	2.2
14	25.0	24.6	27.7	29.5	27.6	23.8	26.4	30.2	23.8	6.4	98	98	89	79	89	100	92	10 s, kc	10 cs, sk	9 k, c	10 c, sk	0 —	7.8	7.70	5.4
15	22.9	23.8	28.4	30.8	30.2	25.5	26.9	32.0	22.4	9.6	100	99	78	75	78	99	88	10 s, sk	9 k, c	8 k, c	2 c, k	5 s	6.8	11.98	5.3
16	24.3	24.4	28.2	29.9	27.8	25.8	26.7	30.5	23.7	6.8	100	100	82	79	91	99	92	10 s, sk	10 sk, s	10 sk, kc	10 sk, ck	3 s	8.6	5.00	4.7
17	24.5	25.6	29.6	32.1	30.7	25.4	28.0	33.2	23.4	9.8	97	90	76	66	79	95	84	7 ck, sk	5 k	6 c, k	5 c. k	10 s, kn	6.6	12.32	6.6
18	25.1	24.3	28.8	31.1	29.3	25.5	27.4	31.5	24.1	7.4	94	98	81	74	85	98	88	8 ck, sk	10 sk, k	7 k, sk	3 sk, k	9 s	7.4	8.60	5.6
19	25.5	23.8	24.4	26.0	25.1	22.6	24.6	26.5	22.6	3.9	100	94	76	70	74	89	84	10 s, sk, kc	10 s	10 sk, sc	10 kc	3 s	8.6	1.35	4.0
20	20.8	20.5	26.3	29.0	28.9	22.0	24.4	30.1	19.1	11.0	96	97	62	56	63	96	78	0 —	0 k	0 —	5 c, sk	0 —	1.0	12.90	6.1
21	20.8	20.9	24.9	28.1	26.0	21.7	23.7	28.6	19.8	8.8	100	98	87	65	63	78	82	10 sk	10 sk	2 sk	0 c	2 c, cs	4.8	5.93	6.4
22	19.1	18.3	25.1	25.2	21.3	19.0	21.3	26.0	17.5	8.5	89	89	58	54	70	87	75	1 c cs	10 cs	10 sc, sk	10 sc, sk	10 sc, s	8.2	7.90	6.3
23	17.7	16.9	22.6	25.8	23.5	17.1	20.6	26.2	16.2	10.0	91	93	59	51	59	72	71	10 c	10 cs	8 c, k	9 cs	9 cs, ck	9.2	0.00	8.9
24	14.5	13.2	20.7	24.3	23.7	19.5	19.3	25.0	12.3	12.7	89	82	51	46	51	78	66	10 ck, c	6 ck	7 ck, sk	9 ck, sk	5 cs	7.4	12.40	6.7
25	18.2	19.0	23.5	21.9	17.4	15.3	19.2	23.6	15.3	8.3	96	96	75	86	93	100	91	10 sc, s	10 s, sc	10 n	10 n	10 n	10.0	0.00	0.6
26	15.4	15.5	19.7	22.0	21.1	19.3	18.8	22.0	14.9	7.1	99	99	92	87	95	100	95	10 s	10 s	10 sk, s	10 n	10 n	10.0	0.93	1.7
27	19.2	18.4	22.3	24.8	23.8	17.9	21.1	25.5	17.9	7.6	100	99	84	62	74	95	86	10 s	10 sk, ck	2 sk, ck	0 —	0 —	4.4	9.05	5.8
28	15.5	15.4	25.5	28.7	26.6	19.8	21.9	29.8	14.6	15.2	100	96	68	54	74	96	81	0 —	0 —	0 k	0 —	0 —	0.0	12.55	5.5
29	17.8	17.5	25.5	27.3	24.1	19.6	22.0	28.5	16.6	11.9	100	99	62	53	68	91	79	10 cs	10 cs	10 cs, c	10 c, cs	8 cs	9.6	11.72	5.4
30	17.6	16.9	25.8	28.2	24.5	20.9	22.8	28.5	16.2	12.3	100	100	61	53	71	92	80	0 —	0 k	8 k	2 sk	10 cs, kk	4.0	10.52	5.0
31	17.7	17.2	25.1	24.0	20.8	19.5	20.7	2[illegible].0	16.8	9.2	95	94	60	73	99	98	87	10 sc, sk	10 sc, sk	10 sk, s	10 n	1 sk	8.2	2.97	3.6
平均 Mean	20.8	20.7	25.3	27.1	25.5	22.0	23.5	28.1	19.5	8.6	98	96	78	72	79	94	86	7.6	7.7	7.8	7.4	5.4	7.2	209.52	145.0

* 重力ノ更正　Reduction to standard gravity ……— 0.2
海面ヘノ更正　Reduction to mean sea level ……+ 3.8

長　春

一九三一年八月　CHANGCHUN.　AUGUST, 1931.

氣壓 (粍) AIR PRESSURE. (mm) (700 mm +)

	6h	10h	14h	18h	22h	平均 Mean
	40.1	40.0	39.3	38.4	38.1	39.2
	35.1	34.3	34.2	33.7	34.3	34.6
	33.5	33.5	32.9	33.2	33.4	33.4
	34.3	34.9	34.5	33.6	34.2	34.2
	33.7	33.5	33.5	32.4	33.0	33.3
	34.5	34.5	34.8	35.8	35.5	34.6
7	37.6	38.5	38.3	37.6	37.0	37.8
8	36.0	38.9	36.9	37.4	37.0	37.3
9	37.2	37.2	37.5	37.1	36.6	37.2
10	37.3	36.8	37.9	37.6	37.8	38.8
11	38.6	38.6	38.7	36.5	36.8	37.1
12	36.7	36.7	35.7	34.4	33.6	33.8
13	31.6	32.0	32.0	31.3	30.3	31.8
14	31.8	32.5	33.4	33.8	34.4	35.2
15	35.6	35.8	35.5	34.9	35.0	35.7
16	36.0	36.8	37.5	37.6	36.4	37.0
17	37.2	37.1	36.4	35.1	34.6	34.8
18	34.2	33.9	32.4	31.4	31.1	31.9
19	31.2	31.0	32.5	33.8	34.6	36.4
20	36.7	36.7	37.7	36.2	36.1	36.6
21	36.0	35.5	35.7	36.4	37.0	38.8
22	39.0	39.0	38.9	39.4	39.4	39.7
23	39.9	41.1	41.8	41.4	41.7	42.7
24	42.7	42.7	42.4	40.7	39.8	39.2
25	38.3	38.2	37.8	36.9	37.0	37.7
26	37.5	37.4	36.9	36.3	34.6	33.5
27	32.6	32.1	34.7	36.4	37.3	38.6
28	39.1	40.6	41.1	40.7	40.3	41.2
29	40.7	41.2	40.0	39.0	38.8	39.5
30	39.4	39.6	39.3	38.1	38.4	39.0
31	39.0	38.7	38.6	38.1	38.2	39.7
	36.5	36.7	36.8	36.4	36.2	36.8

風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.

	2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h.
	—	0.1	SSW	1.3	E	2.8	E	3.9	E	2.0	E	1.4	1.3
	E	1.5	E	1.5	S	2.2	S	3.5	SE	0.5	SW	1.5	1.6
	—	0.4	—	0.4	W	0.9	W	1.2	N	2.1	N	0.8	0.8
	N	1.2	N	0.9	NE	2.0	NNE	1.0	N	0.5	—	0.0	0.8
	—	0.0	—	0.0	SSW	0.7	SW	3.2	S	2.1	SSW	2.6	0.9
	SW	2.1	SW	1.6	SW	5.3	SW	5.8	WSW	2.3	WSW	2.9	2.9
7	SW	2.0	SSW	1.2	SW	4.4	S	3.4	S	2.0	SSW	1.2	2.1
8	S	1.1	S	2.2	S	2.1	S	4.1	SSW	3.7	SSW	2.5	2.5
9	SSW	2.0	SW	1.4	W	2.5	SW	3.1	SW	2.3	W	1.8	1.9
10	W	2.3	W	3.0	W	1.8	W	3.5	NNW	1.4	—	0.3	2.0
11	NNW	0.6	—	0.2	SW	0.9	W	1.3	SW	0.7	WSW	0.9	0.6
12	SW	1.4	SSW	1.5	SW	2.8	SW	2.7	SSW	1.8	SSW	2.5	1.7
13	SSW	2.9	SSW	3.5	SW	3.9	SW	2.8	SW	4.7	SW	3.2	3.1
14	SW	2.7	SW	3.7	SW	5.5	SW	4.3	W	1.4	WSW	2.1	3.6
15	SW	1.2	SW	2.1	SW	3.1	SSW	3.2	SSW	2.2	SSW	1.6	2.1
16	SSW	1.1	SSW	2.9	SW	3.2	SW	3.1	SW	1.1	SW	1.5	1.7
17	SSW	0.8	SSW	1.4	SW	3.2	SW	2.6	SSW	1.2	SSW	1.2	1.4
18	S	1.8	S	2.1	S	4.9	SW	2.7	S	2.7	SSW	2.2	2.3
19	SW	1.5	W	1.4	NW	2.5	N	2.9	NNW	0.8	—	0.0	1.5
20	—	0.0	—	0.0	NE	1.4	S	1.5	SSW	1.2	SSW	1.6	0.7
21	SSW	2.3	SSW	2.3	W	3.5	W	5.8	WNW	1.8	—	0.0	2.3
22	—	0.0	—	0.1	E	1.3	N	2.8	NE	0.9	—	0.1	0.9
23	—	0.4	NNE	0.9	NE	3.8	NE	5.8	NE	4.1	NE	2.0	2.4
24	NE	1.4	NE	1.6	NE	4.7	NE	2.9	NE	2.2	—	0.0	1.1
25	—	0.1	—	0.1	E	0.6	—	0.0	—	0.0	—	0.4	0.3
26	ESE	0.5	ESE	0.6	NE	4.7	NE	5.3	NE	2.0	ENE	3.1	2.3
27	ENE	2.7	NE	2.3	NE	2.1	NW	0.8	S	1.8	S	2.3	1.7
28	W	2.1	SW	1.5	SW	1.5	SW	2.1	S	1.2	SW	1.5	1.6
29	SW	2.3	S	2.6	S	4.1	W	4.1	S	1.8	SW	1.8	2.5
30	SSW	2.0	SSW	1.5	SSW	3.2	SSW	2.9	SSW	2.1	SSW	1.4	2.0
31	SSW	0.8	SSW	2.0	SSW	3.2	SSW	3.0	SSW	1.4	SSW	0.9	1.8
		1.3		1.5		2.9		3.1		1.8		1.5	1.7

降水量 (粍) AMOUNT OF PRECIPITATION. (mm)

	22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
	—	—	—	5.9	23.9	—	29.8
	3.4	5.5	0.4	—	—	2.6	11.9
	0.0	0.3	0.7	0.1	2.4	—	3.5
	0.2	—	—	—	—	—	0.2
	—	—	—	—	—	—	—
	0.3	—	—	—	—	—	0.3
7	—	—	—	—	—	—	—
8	—	—	0.2	2.1	—	—	2.3
9	—	3.3	0.0	—	—	—	3.3
10	0.5	—	—	—	—	—	0.5
11	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—
13	—	0.0	—	34.0	1.4	—	35.4
14	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—
17	—	—	—	0.0	—	4.3	4.3
18	—	—	—	7.1	—	—	7.1
19	3.6	1.2	—	—	—	—	4.8
20	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—
22	—	—	—	0.1	0.3	—	0.4
23	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—
26	1.6	—	—	—	—	—	1.6
27	—	7.5	1.7	—	—	—	9.2
28	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—
31	—	—	—	—	—	0.0	0.0
	9.6	17.8	3.0	49.3	28.0	6.9	114.6

氣溫 (攝氏) AIR TEMPERATURE. (°C)

Day	2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range
1	22.3	21.6	23.2	24.7	22.3	21.8	22.7	28.8	20.9	7.9
2	21.7	22.2	24.6	26.6	23.9	20.6	23.3	26.7	20.3	6.4
3	19.3	18.3	19.4	20.7	18.6	18.6	19.2	22.5	18.0	4.5
4	16.9	15.9	22.9	25.5	23.6	18.8	20.6	26.5	15.4	11.1
5	16.0	16.0	25.4	28.3	24.2	21.5	21.9	28.7	15.1	13.6
6	19.3	19.1	26.4	29.0	25.8	21.6	23.5	29.3	19.0	10.3
7	20.5	20.6	27.1	29.2	26.4	23.0	24.5	30.0	18.8	11.2
8	21.2	20.5	23.2	21.3	21.6	21.8	21.6	25.0	20.0	5.0
9	20.9	22.1	25.8	26.7	25.8	22.7	24.0	27.7	20.2	7.5
10	21.6	21.5	26.8	29.5	25.0	21.6	24.3	30.0	21.0	9.0
11	17.6	17.8	28.0	30.1	26.2	23.0	22.6	30.5	17.2	13.3
12	21.0	21.4	29.7	31.4	29.2	25.8	26.4	32.4	20.7	11.7
13	25.9	25.8	23.2	24.5	26.0	23.6	24.8	28.3	22.6	5.7
14	23.2	23.1	27.1	29.4	26.5	22.8	25.4	30.4	20.9	9.5
15	20.9	21.0	23.9	31.9	27.2	24.2	25.7	32.2	20.6	11.6
16	21.6	22.4	30.4	31.8	30.4	25.6	27.0	32.8	21.3	11.5
17	23.2	24.3	28.3	31.9	28.8	23.6	26.7	32.7	21.3	11.4
18	22.8	23.3	28.1	28.0	27.0	24.6	25.6	29.8	22.6	7.2
19	23.0	22.2	20.9	23.4	23.3	17.8	21.8	25.1	17.0	8.1
20	14.6	14.6	23.8	26.8	21.8	19.6	20.2	27.1	14.2	12.9
21	18.3	18.2	24.3	23.8	22.0	15.9	20.4	26.6	15.4	11.2
22	14.3	13.7	22.4	18.6	17.2	16.2	17.1	23.3	13.4	10.3
23	13.3	13.0	19.1	21.8	20.5	13.6	16.9	21.9	12.5	9.4
24	8.8	7.5	20.0	22.8	18.6	13.6	15.2	23.4	7.3	16.1
25	12.6	12.0	20.1	23.7	21.0	18.4	18.0	24.1	8.5	15.6
26	17.3	16.4	24.0	24.6	21.4	19.6	20.6	25.0	15.7	9.3
27	16.4	16.7	18.7	25.0	20.0	16.6	18.9	25.2	16.3	8.9
28	15.2	15.0	25.2	28.6	22.0	18.0	20.7	29.0	14.5	14.5
29	16.7	20.4	25.8	28.2	23.8	18.7	22.3	28.9	15.4	13.5
30	15.7	15.4	24.7	27.8	20.6	18.7	20.5	28.8	15.2	13.6
31	15.9	15.8	24.2	25.5	23.6	19.8	20.8	27.1	15.5	11.6
平均 Mean	18.6	18.6	24.6	26.5	23.7	20.4	22.1	27.7	17.3	10.4

濕度 (百分率) REL. HUMIDITY. (%)

Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	92	92	90	82	92	89	90
2	94	97	80	69	82	91	86
3	93	94	90	91	95	93	93
4	94	96	70	52	67	87	78
5	90	90	55	45	69	76	71
6	76	79	66	59	73	84	73
7	82	89	53	52	68	83	71
8	92	90	80	93	96	98	92
9	99	99	83	78	81	93	89
10	94	96	60	45	70	80	74
11	90	98	53	49	73	86	75
12	88	89	69	57	70	85	76
13	87	83	95	100	80	82	88
14	86	92	74	62	82	82	80
15	95	100	65	53	72	85	78
16	92	94	64	55	63	87	76
17	90	90	69	54	73	91	78
18	90	90	70	82	79	94	84
19	96	96	75	56	58	91	79
20	92	100	59	58	78	89	79
21	83	9*	65	63	69	88	77
22	96	92	55	79	93	98	86
23	99	97	69	37	41	68	69
24	85	92	44	39	60	90	68
25	90	87	54	54	76	83	74
26	96	91	45	58	64	75	72
27	91	100	75	52	76	83	80
28	90	93	62	42	63	88	73
29	87	76	55	53	72	85	71
30	88	95	60	46	70	88	75
31	90	93	60	55	69	92	77
平均 Mean	91	92	67	60	73	87	78

雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD.

Day	6h	10h	14h	18h	22h	平均 Mean
1	10 sk	10 sk	10 sk	10 sc	10 sk	10.0
2	10 sk	10 sk	10 sk	10 s	10 n	10.0
3	10 n	10 n	10 sk	10 sk	10 sk	10.0
4	10 c	10 c, s	3 sk	0 —	0 —	4.6
5	0 —	1 c	0 c	10 sk	10 sk	4.2
6	0 —	1 s	0 —	0 —	0 —	0.2
7	0 —	0 k	2 k	0 c	0 s	0.4
8	10 sk	10 sc	10 s	10 s	10 s	10.0
9	10 s	10 s	10 sk	0 s	0 —	6.0
10	10 s	0 k	4 sk	0 —	0 —	2.8
11	0 —	2 ck	8 sk	9 c	0 —	3.8
12	10 sk	10 k	10 sk, k	10 sc	10 sk	10.0
13	10 c	10 kn	10 n	9 c, ck	10 c	9.8
14	9 kc	1 c	2 sk	0 —	0 —	2.4
15	0 —	0 sk	0 k	0 —	0 —	0.0
16	1 k	9 sk	4 sk	0 —	0 —	2.8
17	0 —	10 sk	9 k	0 —	0 —	5.8
18	10 kc	10 sk	10 s	0 sk	10 s	8.0
19	10 s	10 sc	7 c	3 ck	0 —	6.0
20	0 —	5 k	0 k	0 —	0 —	1.0
21	0 —	0 c	2 k	10 sk	0 —	2.4
22	0 sk	10 c	10 n	10 sk	0 —	6.0
23	0 —	5 s	0 —	0 —	0 —	1.0
24	0 c	2 c	0 —	9 —	0 —	0.4
25	0 —	10 kc	10 sc	10 sc	10 sk	8.0
26	10 sk	6 c	10 sc	10 sc	10 sc	9.2
27	10 n	10 sc	6 sc	2 c	0 c	5.6
28	0 —	0 —	0 —	0 —	0 —	0.0
29	0 —	0 —	10 c	10 c	3 c	4.6
30	0 —	1 k	0 —	0 —	0 —	0.2
31	10 cs	10 cs	10 sc, sk	10 sk	10 sk	10.0
平均 Mean	4.8	5.9	5.7	4.6	3.6	4.9

Day	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	1.30	1.7
2	0.50	1.9
3	0.00	2.4
4	12.60	5.3
5	11.70	7.8
6	13.60	8.3
7	11.90	5.8
8	0.00	2.2
9	7.10	4.4
10	13.40	6.3
11	12.55	6.1
12	11.70	6.3
13	2.80	4.4
14	11.30	6.0
15	12.80	7.5
16	11.40	7.8
17	12.90	6.5
18	8.60	3.7
19	5.90	4.5
20	11.30	3.2
21	10.90	6.0
22	4.60	1.9
23	10.05	6.3
24	11.70	5.7
25	0.95	2.6
26	7.60	4.0
27	4.70	5.1
28	11.50	5.8
29	11.50	6.7
30	11.70	5.8
31	7.80	4.2
平均 Mean	264.85	156.2

* 重力ノ更正　Reduction to standard gravity ..... — 0.1
海面ヘノ更正　Reduction to mean sea level ..... + 18.6

旅　順

昭和六年八月　　RYOJUN.　　AUGUST, 1931

日 Day	氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	50.4	49.1	47.9	49.1	SE	3.5	SSE	5.1	S	1.5	3.2	—	0.2	5.7	5.9
2	47.4	48.5	49.3	48.4	WSW	3.5	W	5.8	SE	0.5	3.5	—	—	—	—
3	49.5	49.7	49.7	49.6	NE	0.6	NNW	2.3	WNW	2.1	2.4	—	—	—	—
4	48.5	47.8	47.2	47.8	WNW	1.3	NNW	4.9	—	0.3	1.8	—	—	—	—
5	47.3	47.8	48.0	47.7	—	0.4	S	3.6	—	0.0	1.4	—	—	—	—
6	48.8	49.8	51.0	49.9	—	0.0	SSE	4.7	SE	3.2	2.2	—	—	—	—
7	51.0	50.2	49.8	50.3	SE	2.9	ESE	5.7	ESE	5.7	5.1	1.0	2.0	4.3	7.3
8	47.8	48.3	50.0	48.7	SE	3.5	S	6.1	SSE	3.5	3.3	3.6	33.5	5.6	42.7
9	50.2	51.9	51.8	51.3	S	3.5	S	2.6	SSE	0.9	1.5	5.0	0.2	—	5.2
10	52.3	52.0	51.6	52.0	—	0.2	S	1.3	SE	2.1	2.0	0.0	—	—	0.0
11	51.0	50.9	50.6	50.8	SE	0.6	S	2.5	SSE	0.9	1.3	—	1.0	—	1.0
12	50.0	49.5	48.5	49.3	—	0.3	SSE	3.5	SSW	6.3	2.5	—	—	—	—
13	48.0	48.5	47.8	48.1	SSW	5.2	S	5.3	S	4.8	5.3	—	—	3.4	3.4
14	48.4	48.3	48.7	48.5	SW	2.6	—	0.1	—	0.0	1.3	17.2	38.2	1.5	56.9
15	48.8	49.0	49.6	49.1	—	0.0	S	1.9	—	0.0	0.8	—	—	0.0	0.0
16	49.8	50.4	49.4	49.9	—	0.2	SSE	2.3	—	0.0	1.0	0.0	0.2	—	0.2
17	49.0	48.6	47.4	48.3	SE	2.1	SE	2.3	SE	2.7	2.3	—	—	—	—
18	45.9	45.0	44.4	45.1	SE	2.0	S	2.6	—	0.0	2.3	—	—	—	—
19	44.5	46.6	47.7	46.3	—	0.1	NNW	0.9	NNE	2.4	1.4	—	0.4	—	0.4
20	48.0	49.3	49.3	48.9	ENE	1.2	N	2.7	NNE	2.6	2.5	—	—	—	—
21	48.9	49.4	49.3	49.2	—	0.0	SSE	1.1	ENE	3.0	1.0	—	—	—	—
22	49.0	48.0	48.7	48.6	NNE	2.9	—	0.4	NNE	3.8	1.6	—	—	0.1	0.1
23	49.0	50.4	51.1	50.2	ENE	5.1	NNE	5.7	NE	3.5	5.1	—	0.0	0.0	0.0
24	50.7	50.9	51.1	50.9	NE	4.6	E	2.7	E	1.9	2.6	—	—	—	—
25	49.5	48.5	48.3	48.8	E	2.9	ESE	2.6	N	3.6	2.5	9.0	9.5	20.6	39.1
26	46.4	44.1	42.1	44.2	NE	6.2	ENE	7.0	NNW	5.5	6.5	16.2	9.3	5.3	30.8
27	46.1	49.5	52.8	49.5	NW	7.4	NNW	7.6	NW	2.0	6.1	0.1	—	—	0.1
28	54.4	55.2	54.3	54.6	—	0.0	W	3.3	S	0.7	2.0	—	—	—	—
29	54.7	54.0	52.9	53.9	SSE	0.7	SSE	3.5	SE	1.6	1.7	—	—	—	—
30	52.9	51.9	51.6	52.1	S	1.2	S	4.3	SSE	3.2	3.1	—	—	—	—
31	51.5	51.8	52.6	52.0	S	2.3	S	4.7	SE	2.0	3.0	—	—	—	—
平均 Mean	49.3	49.5	49.5	49.5		2.2		3.5		2.3	2.7	52.1	94.5	46.5	193.1

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	22.6	23.6	22.4	22.9	24.0	21.6	3.0	100	100	96	99	10 ≡	10 ≡	10 s	10.0	0.00	2.8
2	23.2	27.0	21.5	23.9	28.9	21.1	7.8	98	62	90	83	10 s	6 sk	0 sk	5.3	12.14	6.6
3	20.2	24.8	20.2	21.7	25.3	19.0	6.3	80	53	79	71	8 sk, c	10 ck, c	10 sk	9.3	10.80	6.4
4	20.8	25.8	21.2	22.6	28.2	19.3	8.9	87	65	80	77	10 kc, c	10 kc. cs	0 —	6.7	10.55	6.1
5	20.3	29.4	21.3	23.7	30.1	18.5	11.6	87	43	93	74	0 —	1 c, k	0 —	0.3	13.45	6.6
6	20.0	26.4	22.8	23.1	27.6	19.3	8.3	86	64	96	82	2 c	10 cs	10 sk	7.3	10.53	4.1
7	22.2	23.0	21.6	22.3	23.9	20.7	3.2	100	98	100	99	10 s	10 n	10 n	10.0	0.00	1.4
8	22.2	22.9	22.4	22.5	23.4	20.6	2.8	100	100	100	100	10 n	10 n	10 n	10.0	0.00	1.2
9	22.4	25.4	24.1	24.0	27.6	21.2	6.4	100	90	95	95	10 n	10 s	10 sk	10.0	1.87	3.2
10	23.2	27.6	24.6	25.1	29.2	22.3	6.9	98	82	98	93	10 sk	9 kc, sk	6 c, s	8.3	8.85	4.4
11	24.1	28.8	24.5	25.8	29.2	23.3	5.9	100	92	100	97	10 ≡	10 s, c	10 ≡	10.0	2.05	3.8
12	23.5	28.9	26.0	26.1	29.4	22.7	6.7	100	76	84	87	7 c, s	3 kc, c	2 c	4.0	11.78	5.9
13	23.7	29.0	25.2	26.0	29.8	22.9	6.9	97	74	96	89	9 s, c	5 c, sk	10 kw	8.0	10.50	6.5
14	22.9	23.3	22.9	23.0	27.4	22.0	5.4	97	98	96	97	10 n	10 n	4 s, c	8.0	2.25	1.9
15	23.2	27.7	24.0	25.0	28.6	22.0	6.6	98	79	100	92	10 s	9 ck, sk	10 s, kn	9.7	8.35	4.9
16	24.3	27.9	23.9	25.4	29.7	23.3	6.4	100	80	98	93	10 n	9 kc, s	0 —	6.3	8.37	5.1
17	22.9	27.7	24.4	25.0	29.0	22.1	6.9	96	75	92	88	3 kc	1 c. k	1 sk. c	1.7	12.00	5.8
18	24.0	28.0	24.0	25.3	28.5	23.0	5.5	94	78	96	89	10 s	9 s, kc	1 sk	6.7	7.15	3.8
19	23.6	25.9	22.9	24.1	27.2	22.4	4.8	98	82	89	90	10 sk	10 s, sk	4 sk, cs	8.0	0.00	3.7
20	21.4	28.4	23.4	24.4	29.1	20.7	8.4	98	67	69	78	3 cs, ck	0 cs	9 c	4.0	12.30	6.0
21	21.6	28.8	23.6	24.7	30.1	20.8	9.3	78	57	89	75	10 sc	2 c	9 c, cs	7.0	10.40	5.2
22	23.5	26.6	23.2	24.4	27.4	22.5	4.9	96	80	82	86	10 kc, sk	10 sk	10 sk	10.0	0.60	3.8
23	20.7	22.9	22.0	21.9	23.9	19.5	4.4	79	67	64	70	10 kc, sk	10 n	10 sk	10.0	2.48	5.7
24	19.6	25.6	21.2	22.1	26.1	18.7	7.4	72	60	85	72	10 sc. sk	10 sk, sc	5 kc	8.3	2.30	3.5
25	20.4	22.5	20.8	21.2	23.1	19.3	3.8	100	97	100	99	10 n	10 sk	10 n	10.0	0.00	1.7
26	17.8	17.9	19.4	18.4	20.9	16.3	4.6	100	98	98	99	10 n	10 n	10 n	10.0	0.00	3.6
27	20.5	24.1	21.6	22.1	25.0	18.3	6.7	67	59	84	70	7 kc, sk	0 k	0 —	2.3	11.00	6.1
28	20.8	28.2	20.6	23.2	28.3	19.5	8.8	62	45	84	64	0 —	3 c	10 cs, c	4.3	12.20	4.9
29	20.8	26.0	22.5	23.1	27.0	19.7	7.3	94	64	90	83	10 cs, kc	10 kc	10 kc	10.0	2.60	4.5
30	20.8	25.4	22.3	22.8	27.0	19.9	7.1	95	71	82	83	2 kc	6 sk	0 —	2.7	12.00	5.5
31	20.3	25.9	21.9	22.7	26.6	19.6	7.0	92	73	94	86	10 ck	4 s, ck	5 ck	6.3	9.60	5.2
平均 Mean	21.9	26.0	22.7	23.5	27.1	20.7	6.5	92	75	90	86	8.1	7.3	6.3	7.2	206.12	140.5

* 重力ノ更正　Reduction to standard gravity……— 0.4
海面ヘノ更正　Reduction to mean sea level……+ 6.9

鞍　山

ANSHAN.

昭和六年八月　　AUGUST, 1931.

日 Day	氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	55.3	54.4	50.8	53.5	—	0.0	S	1.2	S	4.0	2.0	—	—	9.5	9.5
2	49.9	49.6	51.1	50.2	—	0.0	SW	5.3	SSW	5.3	3.6	7.9	4.9	0.0	12.8
3	52.0	52.5	52.1	52.2	—	0.0	SW	1.5	SW	1.2	1.0	—	—	0.4	0.4
4	52.6	50.6	50.7	51.3	—	0.0	ENE	2.9	SE	1.1	2.0	1.2	—	—	1.2
5	49.1	46.4	50.6	49.7	S	1.5	SW	5.3	SSW	3.4	2.2	—	—	—	—
6	50.7	52.1	54.0	52.3	SSW	2.3	SW	5.3	SSW	3.5	3.4	—	—	—	—
7	54.6	54.5	54.6	54.6	SSW	1.8	SW	4.7	SSW	1.2	2.7	—	—	—	—
8	53.6	53.4	53.3	53.4	SSW	1.2	S	2.3	SW	1.2	1.5	0.6	15.0	29.8	45.4
9	53.4	54.5	54.6	54.2	—	0.0	SSW	3.6	SW	3.0	2.0	11.2	44.4	4.1	59.7
10	55.6	55.1	55.1	55.3	—	0.0	SW	3.5	S	1.2	1.8	—	—	—	—
11	54.0	54.7	53.8	54.2	—	0.0	SW	1.8	SW	0.8	7.4	—	—	4.5	4.5
12	52.7	51.7	50.5	51.6	SSW	1.8	SW	3.5	SSE	3.0	3.0	—	—	—	—
13	50.4	49.8	49.7	50.0	SSW	4.3	SSW	7.6	SW	7.9	4.9	—	0.8	4.2	5.0
14	50.3	51.9	51.1	51.1	SSW	1.6	SW	4.9	—	0.0	2.9	1.7	—	—	1.7
15	52.0	52.7	52.6	52.4	SSW	1.5	SW	2.1	—	0.3	1.7	—	—	—	—
16	53.0	54.0	52.3	53.1	—	0.0	SW	3.5	SSE	1.1	1.1	—	—	—	—
17	52.0	51.7	51.2	51.6	—	0.0	SW	2.6	S	1.2	1.0	—	—	—	—
18	49.3	48.1	48.8	48.7	SSE	1.5	SSW	5.2	SW	0.6	2.0	—	—	—	—
19	47.0	51.5	52.1	50.2	NNE	2.2	NE	1.1	—	0.0	1.3	2.7	0.0	—	2.7
20	51.4	52.4	51.6	51.8	—	0.0	SE	2.1	S	2.6	1.2	—	—	—	—
21	51.7	53.8	54.3	53.3	SSE	1.8	NNE	2.6	ESE	1.8	1.6	—	—	—	—
22	52.3	52.3	53.6	52.7	ENE	1.8	NE	5.3	NE	4.2	3.4	—	—	—	—
23	55.0	55.7	56.2	55.6	NE	2.9	NE	8.8	ENE	4.9	5.3	—	—	—	—
24	56.1	56.7	54.4	55.7	E	2.9	NE	5.3	ESE	0.5	3.3	—	—	—	—
25	54.2	53.5	53.6	53.8	—	0.0	SW	1.2	ENE	3.5	1.5	—	0.3	9.5	9.8
26	52.5	50.7	46.1	50.0	NE	2.1	NE	2.7	E	5.5	2.9	4.6	0.0	8.9	13.5
27	47.2	52.8	54.9	51.6	NE	5.0	ENE	6.4	—	0.0	3.7	4.6	0.0	0.0	4.6
28	56.9	58.0	57.6	57.5	SW	1.7	SW	3.5	S	1.5	1.9	—	—	—	—
29	57.6	57.5	56.2	57.1	S	1.5	SW	4.7	—	0.0	2.1	—	—	—	—
30	55.8	54.9	55.1	55.3	S	1.4	SSW	5.3	SSW	1.5	1.9	—	—	—	—
31	53.7	54.2	56.9	55.0	SSE	0.9	SSW	5.2	—	0.0	2.5	—	—	—	—
平均 Mean	52.6	53.1	52.9	52.9		1.4		3.9		2.1	2.5	34.5	65.1	70.9	170.8

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	21.5	28.1	24.4	24.7	29.0	21.4	7.6	94	63	87	81	10 sk	10 sk	10 n	10.0	0.00	4.2
2	23.6	24.4	21.5	23.2	28.4	21.3	7.1	93	78	82	85	10 sk	10 n	10 sk	10.0	0.00	2.9
3	18.1	19.3	19.2	18.9	21.8	17.7	4.1	83	83	94	87	10 sk	10 sk	10 n	10.0	1.30	2.3
4	17.4	27.2	22.1	22.2	28.3	16.8	11.5	94	52	76	74	4 sk	6 cs	0 —	3.3	11.20	6.9
5	19.3	29.5	23.6	24.1	30.1	18.9	11.2	89	40	64	64	0 —	1 k	0 —	0.3	12.50	8.8
6	20.7	30.4	24.9	25.3	31.4	19.7	11.7	63	42	66	57	1 cs	4 cs	0 —	1.7	10.30	8.2
7	22.8	31.3	24.0	26.0	31.7	18.9	12.8	67	44	71	61	10 sk	7 cs	10 sk	9.0	8.60	4.5
8	22.6	24.2	24.2	23.7	24.7	21.9	2.8	84	89	90	88	10 n	10 n	10 n	10.0	0.00	0.2
9	23.6	26.1	25.1	24.9	27.4	23.1	4.3	94	90	92	92	10 n	10 n	10 sk	10.0	0.00	2.5
10	24.2	29.1	25.6	26.3	30.5	24.0	6.5	95	75	91	87	10 sk	8 sk	0 —	6.0	4.95	3.4
11	23.7	29.8	25.4	26.3	30.8	23.5	7.3	95	71	91	86	10 sk	10 sk	0 —	6.7	3.20	2.4
12	24.4	30.6	26.8	27.3	31.5	24.2	7.3	94	66	84	81	10 sk	8 sk	0 —	6.0	8.10	3.4
13	26.6	28.4	25.6	26.9	30.0	25.4	4.6	79	75	95	83	10 sk	10 sk	10 n	10.0	1.30	3.8
14	24.6	27.9	25.0	25.8	30.1	24.2	5.9	93	73	89	85	10 sk	10 sk	0 —	6.7	4.30	4.7
15	24.1	31.0	26.2	27.1	32.4	22.8	9.6	94	63	86	81	10 sk	6 sk	0 —	5.3	12.60	5.6
16	24.2	30.0	25.9	26.7	30.9	24.1	6.8	95	63	86	81	10 sk	10 sk	0 —	6.7	2.30	3.9
17	23.4	32.1	26.1	27.2	33.1	22.8	10.3	91	51	80	74	1 cs	5 cs	0 —	2.0	9.60	5.9
18	23.7	31.5	26.6	27.3	31.7	23.4	8.3	91	53	81	75	3 cs	8 sk	9 sk	6.7	5.40	5.9
19	24.5	23.9	22.3	23.6	26.9	22.3	4.6	88	69	88	82	10 sk	10 sk	0 —	6.7	0.00	2.1
20	19.4	28.1	23.0	23.5	30.2	19.0	11.2	94	48	80	74	0 —	1 cs	0 —	0.3	12.00	5.4
21	20.5	26.6	21.7	22.9	27.4	19.8	7.6	89	63	81	78	4 cs	10 sk	0 —	4.7	0.40	3.4
22	17.5	25.5	19.7	20.9	26.5	17.0	9.5	93	54	77	75	4 cs	10 cs	9 ck	7.7	4.90	4.4
23	16.4	25.2	19.7	20.4	26.0	16.0	10.0	92	44	70	69	5 cs	9 cs	6 sk	6.7	8.30	6.8
24	13.5	22.4	20.9	18.9	24.0	12.9	11.1	78	46	70	65	9 sk	9 cs	7 sk	8.3	2.80	4.8
25	20.3	21.5	14.9	18.9	22.7	14.1	8.6	85	85	95	88	10 sk	10 n	10 n	10.0	0.00	1.1
26	15.1	18.3	19.7	17.7	20.2	14.1	6.1	98	93	98	96	10 n	10 sk	10 n	10.0	0.00	1.3
27	18.7	25.5	17.9	20.7	25.8	17.9	7.9	95	49	87	77	10 sk	6 sk	0 —	5.3	5.25	5.6
28	16.5	29.0	21.1	22.2	30.1	15.0	15.1	82	43	80	68	0 —	2 ck	1 cs	1.0	12.50	5.2
29	18.3	28.3	21.7	22.8	28.8	17.4	11.4	74	42	84	67	5 cs	9 sk	6 cs	6.7	8.40	5.6
30	16.5	28.4	23.0	22.6	29.2	15.6	13.6	84	51	80	72	2 cs	5 cs	4 cs	3.7	9.15	5.7
31	17.9	25.9	20.1	21.3	27.1	17.4	9.7	80	56	87	74	7 cs	10 sk	0 —	5.7	3.25	3.6
平均 Mean	20.8	27.1	22.8	23.6	28.3	19.8	8.6	88	62	83	78	6.9	7.9	4.3	6.4	162.60	134.5

* 重力ノ更正　Reduction to standard gravity……— 0.3
海面ヘノ更正　Reduction to mean sea level……+ 3.4

鄭家屯

昭和六年八月 — CHENGCHIATUN. — AUGUST,

日 Day	氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時平均 Mean for 24h.	降水量 AMOUNT OF PRECIPITATION. 21-5h	5-13h	13
1	50.6	50.4	48.1	49.7	NE	1.1	ENE	4.5	ENE	5.2	2.0	—	4.4	
2	45.3	43.4	44.6	44.4	SSE	4.2	SE	1.2	SW	3.5	3.3	38.5	30.0	
3	44.4	43.4	45.4	44.4	SSW	0.6	NNE	5.1	N	0.7	2.3	—	—	
4	45.8	45.3	44.7	45.3	NNW	0.8	SSE	0.7	—	0.3	0.6	—	—	
5	44.6	43.2	44.2	44.0	SSE	1.2	SSW	4.2	WSW	6.8	2.8	—	—	
6	44.5	45.4	46.9	45.6	SW	0.6	SW	4.4	SW	3.3	2.5	1.7	—	
7	48.4	48.0	47.0	47.8	SSW	4.1	SSW	5.8	SSW	2.0	4.1	—	—	
8	47.6	46.8	47.2	47.2	S	2.9	SSW	2.8	SSW	3.3	3.0	—	—	
9	48.3	48.2	48.4	48.3	WSW	2.2	NNW	2.6	SSW	1.3	1.7	—	—	
10	49.6	49.1	49.4	49.4	W	2.0	NNW	2.7	—	0.0	2.5	—	—	
11	49.6	48.4	47.7	48.6	—	0.0	SSE	2.2	S	2.3	1.5	—	—	
12	46.5	45.1	43.7	45.1	SSW	3.2	SSW	4.8	SSW	2.2	2.5	—	—	
13	42.2	**41.5**	42.3	42.0	SW	2.2	WSW	**7.9**	SSW	2.6	4.7	—	**66.0**	
14	43.9	45.1	45.8	44.9	SW	1.8	WSW	2.3	SSW	1.8	2.7	—	—	
15	46.4	46.2	46.2	46.3	SSW	3.0	SSW	4.7	—	0.0	2.9	—	—	
16	43.0	47.5	47.3	45.9	SSW	1.1	SW	3.4	S	1.8	2.3	—	—	
17	47.1	46.5	45.9	46.5	—	0.0	SW	3.8	S	1.1	2.2	—	—	
18	44.8	42.1	42.2	43.0	SSW	2.5	SW	5.8	SSW	2.9	3.8	—	—	
19	43.2	45.5	46.6	45.1	NNE	3.3	NNE	0.8	—	0.3	2.5	—	—	
20	48.4	47.2	46.6	47.4	ENE	0.8	SSE	1.9	SSE	3.2	1.4	—	—	
21	46.9	48.3	49.0	48.1	NNW	1.5	NNW	4.1	NNE	0.5	3.2	—	—	
22	52.2	50.6	51.0	51.3	—	0.0	NNE	5.4	N	0.8	1.7	—	0.0	
23	51.8	53.0	**54.1**	53.0	NNE	0.6	ENE	6.4	NE	2.3	3.0	—	—	
24	**54.1**	52.2	50.7	52.3	NNE	1.1	ESE	3.2	—	0.0	2.0	—	—	
25	49.3	48.2	48.6	48.7	—	0.0	SSE	0.7	—	0.0	0.0	—	—	
26	48.8	47.4	44.8	47.0	ENE	1.7	ENE	3.0	NE	2.7	1.7	3.1	0.3	
27	43.6	47.0	49.7	46.8	NNE	2.5	ENE	3.2	W	1.5	2.7	—	—	
28	52.0	51.7	51.3	51.7	—	0.1	WSW	3.3	SSW	2.6	1.6	—	—	
29	51.0	49.7	49.9	50.2	SW	3.9	SSW	3.9	SSW	2.3	3.1	—	—	
30	49.2	48.4	48.2	48.6	SSW	2.5	SSW	5.4	S	2.0	3.4	—	—	
31	48.4	48.8	50.5	49.2	S	3.3	WSW	4.8	SSW	0.7	3.1	—	—	2
平均 Mean	47.5	47.2	47.4	47.3		1.8		3.7		1.9	2.5	43.3	100.7	30

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	
1	20.9	24.1	22.1	22.4	25.2	20.8	4.4	92	86	95	91	9 c, ck, kn	10 n	10 ≡	9.7	0.00	
2	22.2	23.3	20.4	22.0	25.3	20.2	5.1	98	91	83	91	10 n	10 ≡	10 n	10.0	0.00	
3	18.5	19.4	19.6	19.2	20.8	18.2	**2.6**	92	87	91	90	10 n, kn	10 n	0 —	6.7	1.30	
4	16.6	26.2	21.4	21.4	27.5	16.5	11.0	95	56	84	78	6 c, cs	2 c, k	0 —	2.7	12.42	
5	17.7	28.0	19.1	21.6	28.6	17.4	11.2	94	54	91	80	0 —	2 k, ck	10 ≡	4.0	10.04	
6	18.5	28.1	23.6	23.4	28.7	18.1	10.6	92	67	68	76	0 —	4 c, k	0 —	1.3	13.09	
7	20.1	28.3	24.0	24.1	29.4	19.8	9.6	92	62	82	79	0 —	3 k	0 —	1.0	13.24	
8	20.7	23.7	23.0	22.5	24.5	20.3	4.2	90	82	92	88	9 n	10 n	10 n	9.7	0.00	
9	22.6	27.8	23.6	24.7	29.0	22.1	6.9	97	69	93	86	10 n	8 kc, sk	0 —	6.0	6.48	
10	20.0	28.8	22.6	23.8	29.6	19.5	10.1	89	45	85	73	0 —	0 —	0 —	0.0	13.32	
11	18.3	29.8	25.1	24.4	31.1	18.2	12.9	94	62	83	80	4 c	2 c, k	0 —	2.0	12.82	
12	24.5	30.7	26.2	27.1	**31.5**	23.6	7.9	90	65	82	79	10 n	10 k, kn	0 —	6.7	8.25	
13	25.8	26.5	24.1	25.5	29.0	23.8	5.2	83	93	86	88	10 n	10 k, kn	0 —	6.7	5.20	
14	22.7	29.3	25.3	25.8	30.4	22.5	7.9	94	53	88	78	10 n	2 c	0 —	4.0	12.23	
15	22.2	30.2	25.0	25.8	31.0	21.8	9.2	92	61	85	80	10 n	0 —	0 —	3.3	11.63	
16	22.0	30.4	25.5	26.0	31.1	21.8	9.3	98	64	87	83	0 —	7 k	0 —	2.3	12.55	5.8
17	22.7	30.4	25.4	26.2	31.2	22.4	8.8	94	61	84	80	0 —	4 k, c	0 —	1.3	12.95	5.7
18	22.9	29.9	25.7	26.2	30.5	22.6	7.9	95	58	80	78	6 kn	5 k, ck	0 —	3.7	9.08	6.9
19	21.6	25.2	20.2	22.3	26.4	20.2	6.2	73	47	74	65	10 n	0 —	0 —	3.3	10.18	6.7
20	15.9	26.7	21.4	21.3	27.9	15.8	12.1	92	41	75	70	0 —	0 —	5 kn	1.7	12.55	8.1
21	19.6	25.1	19.3	21.3	25.8	18.7	7.1	82	49	79	70	0 —	4 c, ck	1 c	1.7	12.39	6.9
22	14.4	19.1	17.4	17.0	23.3	14.3	9.0	95	74	88	86	4 ck	10 n	10 kc, sk	8.0	2.23	3.1
23	12.2	23.4	14.7	16.8	23.9	12.2	11.7	100	42	65	69	10 ≡	0 —	0 —	3.3	10.63	7.5
24	8.9	21.7	15.4	15.3	23.6	8.8	14.8	87	38	76	67	0 —	2 c	1 c, k	1.0	11.95	5.5
25	12.6	22.1	18.7	17.8	22.8	12.6	10.2	90	45	79	71	9 ck, sc	10 n	10 n	9.7	0.00	3.0
26	14.4	22.8	19.3	18.8	23.4	14.3	9.1	91	55	65	70	10 ≡	10 n	10 n, kc	10.0	0.00	3.9
27	17.5	26.6	19.8	21.3	27.5	16.8	10.7	92	42	76	70	9 n	3 k	0 —	4.0	10.74	6.0
28	14.0	28.8	20.9	21.2	29.3	13.8	**15.5**	95	**37**	74	69	0 —	0 —	0 —	0.0	12.43	7.3
29	18.9	28.2	20.6	22.6	28.7	16.8	11.9	96	56	72	75	0 —	4 cs	2 c	2.0	12.23	6.1
30	16.2	27.5	20.1	21.3	23.0	15.9	12.1	95	46	83	75	0 —	2 c, k	7 c, cs	3.0	11.89	6.1
31	18.8	22.6	19.9	20.4	23.6	18.5	5.1	95	75	98	89	10 n	10 n	10 n	10.0	0.03	2.1
平均 Mean	18.8	26.3	21.6	22.2	27.4	18.3	9.0	92	60	82	78	5.4	5.0	3.1	4.5	262.75	172.8

重力ノ更正 Reduction to standard gravity ……— 0.1

海面ヘノ更正 Reduction to mean sea level ……+ 10.1

洮南

TAONAN.

和六年八月 AUGUST, 1931.

氣壓 (粍) AIR PRESSURE. (mm) (700 mm +)				風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND						降水量 (粍) 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
47.9	48.1	48.1	48.0	NNE	1.2	NE	4.4	NE	5.1	3.5	0.2	0.1	0.7	1.0
44.0	44.4	43.0	43.8	N	7.4	N	**10.5**	N	7.6	7.6	8.8	18.1	3.8	30.7
42.4	42.4	42.5	42.4	NNW	9.0	NNW	5.9	WNW	1.1	4.7	0.7	0.1	—	0.8
41.7	41.1	39.9	40.9	N	3.2	SSE	0.8	S	3.2	2.3	—	—	—	—
38.6	37.6	38.2	38.1	SE	2.8	S	6.4	SE	3.2	4.3	—	—	38.6	38.6
38.5	39.4	41.0	39.6	SSE	1.8	S	3.3	SSE	3.0	2.9	—	—	—	—
42.3	42.2	41.9	42.1	S	2.9	S	5.1	SSE	5.7	4.8	—	—	—	—
48.1	41.0	41.9	43.7	SSE	5.0	S	6.4	S	3.2	5.9	—	—	15.7	15.7
43.0	42.8	43.8	43.2	WSW	4.1	W	4.4	—	0.3	3.7	—	—	—	—
45.0	44.9	45.2	45.0	WSW	1.8	NW	2.6	ESE	2.2	2.2	—	—	—	—
44.9	42.5	42.7	43.4	SSW	0.6	S	4.2	SSE	3.8	2.6	—	—	—	—
41.2	39.7	37.2	39.4	SE	4.9	SE	4.4	SE	5.1	5.1	28.1	—	—	28.1
34.4	34.1	34.6	34.4	SSW	6.5	SSW	6.6	SSW	4.1	5.8	0.2	—	—	0.2
37.6	38.6	40.2	38.8	W	5.3	W	4.4	—	0.0	3.7	—	—	—	—
39.9	39.1	41.4	40.1	S	0.9	SSW	3.3	NW	3.3	2.0	—	—	0.9	0.9
43.8	43.5	42.1	43.1	N	4.1	E	4.1	NNE	3.2	3.7	0.0	—	—	0.0
41.8	41.4	40.0	41.1	—	0.0	SSE	0.9	SSE	3.5	1.4	—	—	—	—
37.2	34.6	37.4	36.4	S	5.0	S	8.2	WSW	2.5	5.3	—	—	2.1	2.1
39.0	41.7	43.2	41.3	NW	3.9	NNW	4.8	SE	0.6	2.9	3.1	—	—	3.1
43.5	42.4	41.7	42.5	—	0.0	SE	5.3	E	3.7	2.5	—	—	2.0	2.0
42.0	44.7	45.6	44.1	NW	3.9	NNW	4.8	—	0.0	3.8	1.8	—	—	1.8
45.7	46.4	46.9	46.3	—	0.3	WSW	5.3	SSW	2.2	2.7	—	—	—	—
48.8	51.4	52.2	50.8	N	5.0	NNE	4.7	E	1.1	3.8	—	—	—	—
50.9	49.0	46.7	48.9	—	0.0	—	0.2	SE	1.9	0.7	—	—	—	—
44.1	43.3	44.3	43.9	S	2.2	SSW	1.7	S	2.6	1.8	—	—	—	—
44.8	44.1	43.4	44.1	WNW	2.3	W	1.8	NNE	4.0	2.9	—	—	—	—
42.1	43.7	45.6	43.8	N	4.7	NNE	3.9	ENE	0.9	3.5	—	—	—	—
46.2	45.9	44.8	45.6	S	0.6	SSW	5.0	S	6.1	4.1	—	0.0	—	0.0
44.7	43.1	43.9	43.9	SSW	3.8	SSW	7.5	S	4.7	5.3	—	—	—	—
43.9	42.6	43.0	43.2	S	4.7	S	7.2	SSE	5.1	4.9	—	—	—	—
42.5	43.6	45.6	43.9	S	4.2	SE	1.7	SSE	1.6	3.3	—	16.4	0.3	16.7
42.9	42.6	42.8	42.8		3.3		4.5		3.1	3.7	42.9	34.7	64.1	141.7

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 (粍) 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		
21.3	23.8	19.7	21.6	24.2	19.7	4.5	80	66	70	72	10 n		0 —		10 n	6.7	0.00	2.9
17.6	17.3	17.2	17.4	20.8	15.6	5.2	94	85	81	87	10 n		10 n		10 n	10.0	0.02	1.9
17.0	22.3	19.9	19.7	25.6	16.2	9.4	92	66	89	82	10 n		10 sc		0 —	6.7	4.16	3.2
17.3	27.3	21.6	22.1	29.4	16.2	13.2	86	53	78	72	9 c, kc		4 ck,k,c		0 —	4.3	13.06	6.5
17.8	28.8	18.7	21.8	29.4	17.0	12.4	95	45	87	76	3 k		10 ck, sk		3 n	5.3	10.60	3.8
16.7	28.9	23.5	23.0	30.4	16.5	13.9	99	52	88	80	2 c		0 —		0 —	0.7	12.75	6.7
19.3	29.2	25.6	24.7	30.8	19.2	11.6	89	65	73	76	5 c		1 k, ck		1 c	2.3	11.12	7.0
20.7	26.1	22.7	23.2	27.4	20.6	6.8	91	65	96	84	1 c		10 k		5 n	5.3	10.16	8.0
18.7	28.3	22.7	23.2	30.6	17.8	12.8	77	42	78	64	0 —		0 —		0 —	0.0	13.19	6.8
16.6	27.0	22.1	21.9	29.0	16.2	12.8	85	48	78	70	0 —		1 k		0 —	0.3	13.64	6.0
17.9	30.6	25.6	24.7	31.8	17.7	14.1	91	42	69	67	3 c		8 c		8 n	6.3	11.72	8.5
20.4	29.2	27.1	25.6	30.4	20.0	10.4	94	74	84	84	4 kn		10 ck, kc		10 n	8.0	8.55	4.3
24.6	32.5	26.0	27.7	**34.0**	24.5	9.5	87	41	61	63	9 ck		0 —		7 kc	5.3	12.66	7.2
21.0	30.1	23.3	24.8	32.8	20.8	12.0	64	38	70	57	0 —		0 —		0 —	0.0	13.97	5.9
20.1	32.4	24.7	25.7	32.5	20.0	12.5	94	51	53	67	0 —		7 k, kc		3 kn	3.3	8.25	4.8
18.3	30.0	25.3	24.5	30.6	18.0	12.6	80	47	73	67	0 —		2 c, ck		2 cs	1.3	12.03	7.7
23.5	28.3	26.7	26.1	31.2	20.6	10.6	92	68	73	78	10 n		9 k		0 —	6.3	8.59	7.0
23.1	31.9	23.2	26.1	32.4	22.9	9.5	77	54	87	73	0 —		5 k		10 n	5.0	9.47	7.5
17.9	23.6	19.3	20.3	26.9	17.4	8.6	76	46	76	66	9 n		0 —		0 —	3.0	12.10	7.1
15.1	25.7	20.5	20.4	27.3	14.8	12.5	88	81	76	82	0 —		4 ck, sk		10 n	4.7	9.91	6.4
15.8	21.5	18.0	18.4	22.9	15.6	7.3	94	57	81	77	4 s		4 ck, k		3 c, ck	3.7	8.09	4.5
16.9	20.1	15.6	17.5	22.0	15.5	6.5	93	66	90	83	10 sk		10 sc		4 ck	8.0	3.69	3.3
14.1	20.4	14.1	16.2	21.2	13.8	7.4	89	42	73	68	3 kc		0 —		0 —	1.0	12.60	6.2
9.2	21.9	17.3	16.1	24.8	**9.1**	15.2	91	38	53	62	0 —		10 c		10 n	6.7	9.97	6.0
14.4	21.9	19.5	20.3	22.8	14.0	8.8	78	38	59	58	10 sk		9 c, ck		10 cs, sk	9.7	5.80	6.1
17.5	27.0	20.4	21.6	28.2	16.6	11.6	69	36	65	57	8 ck		0 —		0 —	2.7	12.11	8.0
13.9	26.5	19.6	20.0	27.2	13.5	13.7	79	39	72	63	3 sk		1 k		0 —	1.3	11.56	7.6
13.7	25.4	24.2	21.1	31.3	13.6	**17.7**	88	50	47	62	3 kc		10 n		3 sk, c	5.3	10.01	10.3
17.2	33.2	22.8	24.4	33.4	17.0	16.4	83	**29**	46	53	0 —		0 —		0 —	0.0	12.81	**12.4**
15.4	29.1	22.5	22.3	29.6	15.1	14.5	87	38	65	63	10 c		0 —		9 c	6.3	12.34	9.5
18.0	29.0	19.5	19.2	22.4	17.6	4.8	85	86	90	87	10 n, cs		10 n		2 k	7.3	4.05	3.6
17.8	26.5	21.6	22.0	28.1	17.2	10.9	83	53	74	71	4.7		4.7		3.9	4.4	298.96	196.7

* 重力ノ更正 Reduction to standard gravity ·····— 0.0
海面ヘノ更正 Reduction to mean sea level·····+ 13.1

哈爾濱
KHARBIN.

昭和六年八月 AUGUST, 1931.

日 Day	氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	48.2	48.7	48.0	48.3	NNE	1.4	N	2.9	ENE	2.6	1.9	—	0.4	—	0.4
2	46.4	43.5	41.3	43.7	ENE	4.7	ENE	4.1	E	2.0	3.5	2.6	30.8	3.8	37.2
3	40.7	41.2	41.6	41.2	NE	2.3	NE	3.2	NE	2.6	2.2	9.8	5.9	8.8	24.5
4	41.9	41.6	41.2	41.6	N	2.0	NW	3.6	SW	1.6	2.0	—	—	—	—
5	41.1	40.6	40.6	40.8	SSW	2.0	SW	3.6	SSE	2.3	2.5	—	—	—	—
6	41.1	41.7	43.7	42.2	SSE	2.6	WSW	3.0	S	1.6	2.2	1.3	1.0	—	2.3
7	46.0	45.0	45.4	45.5	SSW	1.5	SSW	5.8	SSE	1.9	2.8	—	0.1	—	0.1
8	45.8	44.3	43.8	44.6	S	2.9	S	5.6	S	4.4	3.3	—	0.0	0.4	0.4
9	43.8	43.4	43.3	43.5	SSW	1.9	SW	5.0	SSW	2.3	3.3	0.9	—	—	0.9
10	44.1	44.7	45.8	44.9	SW	1.3	NW	4.2	NW	0.9	2.3	—	—	—	—
11	46.1	45.5	45.1	45.6	WSW	1.5	W	2.3	SSW	1.4	1.7	—	—	—	—
12	44.4	42.9	41.3	42.9	S	3.7	S	2.9	SSE	2.7	2.6	—	—	—	—
13	37.7	35.8	36.4	36.6	S	4.0	SW	6.4	SSW	5.1	4.5	0.1	—	—	0.1
14	37.4	39.2	41.5	39.4	SW	2.2	SW	5.8	S	1.4	4.0	—	—	—	—
15	42.0	41.6	41.9	41.8	W	2.3	SW	4.1	—	0.1	2.8	—	—	22.6	22.6
16	42.5	45.3	44.3	44.0	—	0.4	SW	0.8	E	1.3	1.1	20.1	—	—	20.1
17	44.7	43.3	43.0	43.7	SSE	2.7	SW	3.2	E	3.5	2.5	—	—	7.0	7.0
18	41.3	38.7	39.1	39.7	SSW	2.9	SW	4.8	SSE	4.7	3.8	—	1.6	—	1.6
19	39.0	40.4	43.7	41.0	NW	4.3	N	5.8	NW	1.2	3.6	—	—	—	—
20	45.1	44.5	43.7	44.4	—	0.2	ESE	1.2	SE	1.4	0.9	—	—	—	—
21	43.0	41.8	45.2	43.3	SSE	4.1	W	4.7	NW	3.4	3.6	0.0	—	—	0.0
22	46.7	46.5	47.4	46.9	S	0.6	SW	3.9	SW	2.1	2.4	—	—	—	—
23	49.0	50.3	50.7	50.0	N	3.5	N	5.8	NNW	1.6	3.7	—	—	—	—
24	51.3	50.0	48.8	50.0	—	0.2	NW	1.0	ENE	1.1	1.0	—	—	—	—
25	46.2	44.6	45.4	45.4	SSW	1.4	WSW	3.2	S	3.9	1.8	—	—	—	—
26	45.9	45.3	43.9	45.0	S	1.8	NNE	2.3	ENE	1.5	1.2	—	—	—	—
27	41.9	43.2	45.5	43.5	NE	2.7	NNW	2.3	NW	0.9	1.7	—	—	—	—
28	47.7	48.0	48.1	47.9	WSW	1.2	W	2.3	S	2.9	1.6	—	—	—	—
29	48.0	46.0	46.1	46.7	SSE	5.3	S	5.8	S	4.7	4.3	0.2	—	—	0.2
30	46.8	48.8	46.6	47.4	S	1.8	S	3.6	SSE	0.5	2.6	—	—	—	—
31	46.5	46.3	47.2	46.7	SE	2.7	S	2.2	S	2.2	2.0	—	—	—	—
平均 Mean	44.3	44.0	44.2	44.1		2.3		3.7		2.3	2.6	35.0	39.8	42.6	117.4

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 No. OF HOURS WITH SUNSHINE.	蒸發量 (粍) EVAPORATION (mm)
1	21.4	25.8	22.4	23.2	26.7	21.3	5.4	86	55	81	74	10 n, sk	10 n	7 sk, n	9.0	1.50	2.3
2	17.4	21.2	17.3	18.6	22.8	17.2	5.6	82	85	96	88	10 n	10 n, sk	10 n	10.0	0.0	1.3
3	17.4	18.2	17.9	17.8	18.6	17.1	1.5	96	98	98	97	10 n	10 n	9 s, sk	9.7	0.0	0.8
4	15.1	25.8	21.4	20.8	27.6	15.1	12.5	97	50	80	76	2 c	0 —	0 —	0.7	12.50	4.5
5	17.0	27.1	20.2	21.4	27.8	17.0	10.8	90	50	84	75	4 c, cs	5 k, kc	0 —	3.0	13.03	4.0
6	18.4	25.5	22.2	22.0	28.2	18.2	10.0	94	66	85	82	10 n, sk	9 n kc	1 c	6.7	7.72	4.1
7	19.2	28.8	23.1	23.7	29.7	17.9	11.8	87	56	85	76	5 kc	2 k	0 —	2.3	11.35	5.4
8	20.4	27.0	21.8	23.1	27.7	20.4	7.3	88	62	92	81	2 sc, sk	10 kn, n	10 n	7.3	6.10	4.2
9	22.4	28.5	22.6	24.5	29.2	20.4	8.8	92	46	66	68	9 kc, c	1 c, k	0 —	3.3	11.50	6.4
10	18.2	25.0	20.8	21.3	26.0	18.1	7.9	88	56	81	75	0 —	9 k, sk	0 —	3.0	6.36	3.7
11	18.4	29.1	23.8	23.8	30.5	18.3	12.2	95	50	69	71	1 kc	3 k	4 sk	2.7	12.55	5.8
12	19.1	29.8	25.0	24.6	31.8	19.0	12.8	91	50	73	71	1 k	8 cs, sc	8 sk, kc	5.7	12.12	5.9
13	24.6	30.4	25.9	27.0	31.5	23.3	8.2	94	63	86	81	10 n	8 kc, ck	0 —	6.0	5.80	6.5
14	22.4	29.6	23.2	25.1	30.6	22.1	8.5	90	45	71	69	0 —	1 k	0 —	0.3	13.70	7.3
15	22.3	33.1	24.4	26.6	34.3	20.9	13.4	87	42	97	75	0 —	1 k	10 n, kn	3.7	10.13	3.1
16	20.5	27.4	24.8	24.2	30.7	19.6	11.1	95	79	92	89	4 kc	9 k, kc	4 ck	5.7	5.35	2.8
17	23.2	31.0	23.5	25.9	31.5	22.8	8.7	88	62	95	82	8 kn, k	6 c, k	0 —	4.7	8.28	3.8
18	23.5	29.6	23.4	25.5	30.4	22.8	7.6	94	68	82	81	9 n, kn, kc	9 kn, kc	0 —	6.0	5.28	4.4
19	21.8	20.9	19.6	20.8	23.5	19.5	4.0	82	63	74	73	10 n, sk	5 kc, k	6 kc, n	7.0	1.75	2.3
20	16.6	25.1	19.8	20.5	25.8	16.4	9.4	95	47	73	72	8 sk	5 k	10 n	7.7	6.35	4.1
21	16.9	25.8	17.6	20.1	26.1	16.7	9.4	90	65	78	78	7 sk, kc	5 k, kn	0 —	4.0	6.48	3.5
22	12.8	20.2	16.8	16.6	20.2	12.8	7.4	97	68	80	82	6 sk, ck	10 n, sk	7 kc, sk	7.7	0.80	2.8
23	13.0	19.8	14.9	15.9	20.5	12.5	8.0	83	52	62	66	0 —	0 —	0 —	0.0	12.30	5.4
24	7.7	22.5	15.8	15.3	23.4	7.7	15.7	97	41	73	70	0 —	1 c	8 kc, c	3.0	9.50	5.0
25	13.5	25.5	18.4	19.1	26.7	12.9	13.8	81	35	70	62	9 kc	6 ck, cs	7 cs, c, sc	7.3	9.45	6.2
26	15.5	26.8	19.4	20.6	28.1	15.4	12.7	89	48	75	71	10 sk, n	1 kc	8 sk, kc	6.3	4.80	4.5
27	17.0	22.8	18.2	19.3	24.2	17.0	7.2	88	65	89	81	10 n	10 sc	6 cs, ck	8.7	0.90	2.5
28	14.5	28.0	18.6	20.4	29.4	14.5	14.9	94	38	63	65	6 c, sc, sk	1 c	5 kc, cs	4.0	10.65	7.9
29	17.1	29.9	21.4	22.8	31.3	16.5	14.8	80	40	74	65	3 c, cs	1 c	2 sc	2.0	12.00	8.9
30	16.5	28.6	20.2	21.8	29.7	16.3	13.4	90	40	77	69	1 c	6 c	1 c	2.7	11.60	7.6
31	17.0	28.0	21.8	22.3	29.3	16.7	12.6	80	43	67	63	1 c	8 sc, cs, k	6 ck, sk	5.0	9.55	6.2
平均 Mean	18.1	26.3	20.8	21.8	27.5	17.6	9.9	90	56	80	75	5.4	5.5	4.2	5.0	239.40	144.5

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

齊々哈爾

昭和六年八月 **TSITSIKHAR.** AUGUST, 1931.

日 Day	氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total.
1	47.9	48.4	48.3	48.2	NNE	1.4	ENE	3.3	NE	3.0	2.7	—	—	—	—
2	47.0	45.4	44.8	45.7	NE	5.2	NE	5.3	ENE	3.9	4.0	—	—	0.9	0.9
3	43.0	41.5	41.2	41.9	NNE	4.5	NNE	5.8	NE	2.5	4.7	—	—	—	—
4	41.1	39.4	38.0	39.5	N	2.6	NNE	2.0	SW	1.9	1.7	—	—	—	—
5	36.8	35.8	36.5	36.4	SSW	2.0	SSW	6.9	SSE	2.2	3.3	—	—	—	—
6	38.4	38.8	40.9	39.4	SE	2.0	WSW	3.2	—	0.0	2.1	—	—	—	—
7	41.9	41.1	43.2	42.1	SE	2.2	SSW	5.7	E	9.6	3.9	—	0.0	**49.0**	**49.0**
8	41.8	40.4	39.4	40.5	WSW	3.2	SSW	6.1	E	2.1	3.7	25.4	0.2	9.7	35.3
9	39.6	39.9	40.8	40.1	W	2.9	WNW	7.9	W	4.3	5.0	0.1	—	0.0	0.1
10	43.1	43.0	43.1	43.1	NW	1.4	NW	4.1	WSW	0.7	2.8	—	—	—	—
11	43.8	42.5	41.6	42.6	W	0.9	SW	3.2	SSE	4.3	2.6	—	—	—	—
12	40.2	39.1	36.4	38.6	S	2.3	S	4.2	SSE	2.7	3.3	—	—	0.2	0.2
13	31.3	**30.4**	30.6	30.8	S	6.9	SSW	9.1	SW	5.4	6.3	0.8	—	—	0.8
14	33.4	35.4	38.1	35.6	SW	2.2	WNW	**10.0**	WNW	2.9	5.8	—	—	—	—
15	39.1	39.2	41.2	39.8	SW	1.6	WNW	2.7	NNE	3.1	2.0	—	—	—	—
16	44.4	43.6	43.0	43.7	NW	0.9	NNE	3.3	NNE	3.0	2.6	—	—	0.0	0.0
17	42.3	40.8	39.9	41.0	NE	4.4	NNE	2.1	N	4.2	3.7	—	—	—	—
18	35.3	32.1	34.1	33.8	SSE	1.8	S	5.6	W	4.8	4.7	—	—	4.0	4.0
19	37.5	39.7	42.1	39.8	WNW	7.1	NNW	4.8	NNW	1.9	4.5	—	—	—	—
20	43.4	41.8	41.2	42.1	N	1.2	ESE	2.3	NNE	1.0	2.5	—	—	7.5	7.5
21	42.0	42.6	43.9	42.8	N	5.3	N	5.8	WSW	1.5	4.1	4.2	0.1	—	4.3
22	43.6	43.3	46.5	44.5	W	2.6	NW	3.1	NE	5.0	2.9	—	—	1.0	1.0
23	49.8	**50.5**	49.9	50.1	N	2.2	N	4.0	—	0.0	3.0	—	—	—	—
24	48.9	47.1	45.0	47.0	W	2.1	SSW	4.7	S	2.8	2.3	—	—	—	—
25	42.9	41.6	42.8	42.4	SSW	1.1	SSW	2.6	—	0.0	1.7	—	—	—	—
26	44.2	43.7	43.2	43.7	NNW	2.5	N	6.1	NNE	3.9	2.1	—	—	—	—
27	42.7	43.0	44.4	43.4	NNE	0.9	NNE	4.0	—	0.0	2.6	—	—	—	—
28	45.6	44.3	42.9	44.3	—	0.0	S	6.2	SSE	4.7	3.8	—	—	—	—
29	41.6	40.7	41.1	41.1	SSW	2.1	SW	2.3	SW	3.2	2.6	—	—	—	—
30	42.4	41.9	42.2	42.2	SSW	2.3	SSW	5.6	S	3.3	3.2	—	—	—	—
31	42.0	42.8	44.7	43.2	SSE	0.8	SW	2.8	S	2.8	2.3	—	0.0	12.5	12.5
平均 Mean	41.8	41.3	41.6	41.6		2.5		4.7		2.9	3.3	30.5	0.3	84.8	115.6

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	20.1	27.2	21.5	22.9	28.2	19.7	8.5	82	35	53	57	10 cs	9 kn	7 cs	8.7	6.40	5.3
2	18.2	21.4	17.6	19.1	21.9	17.6	**4.3**	70	62	73	68	10 n	10 n	10 n	10.0	0.00	3.9
3	15.6	23.3	21.8	21.9	29.7	16.3	13.4	90	37	64	64	10 sk	10 cs	0 —	6.7	10.91	8.1
4	16.2	28.9	22.3	22.5	30.9	13.9	17.0	85	35	66	62	4 c	6 c	0 —	3.3	12.40	7.2
5	19.3	30.8	22.2	24.1	32.0	17.7	14.3	82	36	66	61	7 cs	6 ck	0 —	4.3	11.10	7.7
6	18.0	28.4	21.6	22.7	30.0	17.5	12.5	90	51	85	75	9 kc	4 kn	3 ck	5.3	8.24	5.5
7	20.8	28.9	18.2	22.6	31.8	17.8	14.0	84	57	100	80	10 kn	5 c, k	10 n	8.3	6.05	4.3
8	18.6	25.8	19.1	21.2	27.3	18.2	9.1	95	70	97	87	10 n	10 kn	9 sk	9.7	2.65	7.4
9	16.9	26.6	20.6	21.4	27.5	16.7	10.8	75	53	74	67	0 —	4 k	1 ck	1.7	10.97	7.1
10	17.0	26.2	22.1	21.8	28.4	16.4	12.0	80	58	87	75	4 sk	7 ck	0 —	3.7	11.70	6.7
11	17.6	29.2	24.2	23.7	30.7	17.5	13.2	79	54	71	68	0 —	1 k	4 kn	1.7	12.40	7.3
12	20.8	28.4	25.8	25.0	29.9	20.7	9.2	92	67	87	82	1 sk	10 sk	10 n	7.0	10.60	6.8
13	23.2	29.2	24.6	25.7	30.6	22.7	7.9	95	50	58	68	10 n	4 k	0 —	4.7	10.46	**11.2**
14	22.4	28.3	20.3	23.7	29.9	19.6	10.3	68	35	78	60	4 sc	0 —	0 —	1.3	12.90	8.4
15	16.4	28.5	22.1	22.3	30.6	16.3	14.3	92	35	55	61	1 ck	3 ck	0 —	1.3	12.70	7.4
16	14.8	26.6	19.8	20.4	27.6	14.5	13.1	94	42	70	69	9 cs	9 ck	10 sk	9.3	8.10	6.4
17	19.0	26.2	20.1	21.8	28.2	18.7	9.5	74	69	87	77	10 s	1 ck	0 —	3.7	6.75	8.1
18	24.2	31.0	21.6	25.6	31.8	19.1	12.7	80	45	71	65	1 k	6 kc	8 sk	5.0	9.05	8.3
19	16.0	23.1	16.9	18.7	24.7	15.8	8.9	75	47	81	68	8 sk	1 k	0 —	3.0	11.30	7.5
20	13.6	24.3	17.2	18.1	25.1	11.6	13.5	95	41	93	76	3 ck	7 sc	10 n	6.7	8.30	4.4
21	14.7	20.2	15.7	16.9	20.9	14.4	6.5	98	51	84	78	10 n	5 kn	10 sc	8.3	4.96	4.8
22	15.7	24.1	17.1	19.0	25.4	13.8	11.6	88	52	67	69	10 sk	4 sk	4 kc	6.0	8.90	5.6
23	10.7	19.2	13.0	14.3	20.5	10.6	9.9	89	36	75	67	0 —	1 ck	0 —	0.3	12.50	5.8
24	13.2	23.0	17.0	17.7	23.8	**10.1**	13.7	86	39	60	62	0 —	10 sc	10 n	6.7	10.50	5.8
25	12.5	24.4	18.0	18.3	25.7	11.5	15.2	87	43	88	73	1 c	7 cs	10 cs	6.0	11.80	6.4
26	17.2	25.8	18.3	20.4	26.5	14.7	11.8	74	40	68	61	8 cs	0 —	0 —	2.7	12.10	6.7
27	14.0	25.4	17.3	18.9	26.7	13.9	12.8	86	37	81	68	3 c	1 c	0 —	1.3	10.30	7.5
28	15.4	28.8	22.2	22.1	29.3	13.5	15.8	73	**31**	51	52	0 —	7 ck	0 —	2.3	11.30	8.3
29	17.2	31.4	24.4	24.3	**33.9**	17.0	16.9	76	45	55	59	6 c	8 c	10 sc	8.0	12.20	9.4
30	16.4	29.4	21.3	22.4	30.0	11.4	**18.6**	85	36	61	61	10 sk	7 c	10 sc	9.0	11.15	6.0
31	17.6	20.2	17.8	18.5	23.8	17.4	6.4	75	91	87	84	9	10 n	1 ck	6.7	3.16	4.5
平均 Mean	17.2	26.4	20.1	21.2	27.9	16.0	11.9	84	48	74	68	5.7	5.6	4.4	5.2	291.85	209.8

* 重力ノ更正 Reduction to standard gravity……+ 0.1
海面ヘノ更正 Reduction to mean sea level……+ 17.7

昭和六年九月二十五日印刷
昭和六年九月二十八日發行

關東廳觀測所
大連市八幡町三十五番地

大連市大山通六十三番地
印刷人　太田信三

大連市大山通六十三番地
印刷所　小林又七支店

昭和六年九月

滿洲氣象表

REPORT

OF THE

METEOROLOGICAL OBSERVATIONS

MADE AT THE

METEOROLOGICAL STATIONS

IN

MANCHURIA.

SEPTEMBER, 1931.

PUBLISHED BY THE METEOROLOGICAL OBSERVATORY, DAIREN.

凡　例

本編ハ昭和六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クレバ

觀測時ハ日本西部標準時卽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

氣壓ハ粍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卽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

平均雲量二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, 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	⊤	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	黄道光	⩍	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	黄砂	≏	Yellow dust
朝焼 夕焼	σ	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) 現象ノ强サ　*The intensity of the phenomena*

現象ノ强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　　强雨　$●^2$ 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
强震(弱キ方)	$⦶^{(4)}$	strong	强震	$⦶^{(5)}$	very strong	烈震	$⦶^{(6)}$	disastrous

大　連

昭和六年九月　　DAIREN.　　SEPTEMBER, 1931.

日 Day	氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
1	52.5	53.3	54.1	53.2	53.0	53.1	53.2	SSE	3.8	SSE	4.4	SE	4.0	SSE	5.5	SSE	3.7	SE	4.1	4.6	—	—	—	—	—	—	—
2	52.9	52.5	51.7	49.8	47.8	47.5	50.4	SSE	5.0	SE	5.1	SE	1.8	ESE	7.6	E	10.1	E	7.9	6.3	—	—	2.2	16.9	11.2	3.5	33.8
3	46.4	47.0	47.4	47.1	47.7	49.0	47.4	N	3.5	NNW	2.7	WNW	5.1	WNW	6.4	SW	5.7	SW	6.8	5.0	0.8	—	—	—	—	—	0.8
4	49.0	49.1	49.5	48.8	48.9	49.5	49.1	SW	4.7	SSW	7.6	SW	5.8	SSW	7.8	SSW	4.9	S	5.0	6.0	—	—	—	—	—	—	—
5	50.1	50.5	50.1	49.3	49.1	50.3	49.9	WNW	2.2	S	4.2	SSW	5.8	SSW	8.8	NW	3.5	S	3.5	5.6	2.6	0.6	0.3	—	0.0	—	3.5
6	50.6	51.1	52.0	51.0	51.2	51.6	51.3	W	2.1	W	1.8	NW	1.9	S	4.2	S	4.7	S	4.8	2.9	—	—	—	—	—	—	—
7	51.5	51.3	51.2	50.4	49.7	50.0	50.7	SSW	3.5	S	1.3	S	4.3	S	6.2	SSE	5.8	SSE	6.9	4.4	—	—	—	—	—	—	—
8	49.7	49.2	49.8	49.4	49.6	49.9	49.6	S	11.1	S	9.0	S	7.5	S	5.4	SSW	3.3	SSW	0.5	6.0	—	—	—	—	—	—	—
9	49.9	50.5	51.0	50.8	50.9	51.6	50.8	S	2.2	SW	4.8	S	4.3	SSW	5.2	SSE	0.9	SSE	2.2	3.8	—	—	0.0	—	—	—	0.0
10	51.6	51.4	52.1	50.8	50.7	50.6	51.2	WNW	0.7	S	1.9	SSE	1.8	S	1.9	WNW	1.5	SE	1.8	1.8	—	0.0	0.5	0.0	—	—	0.5
11	50.0	49.1	48.5	46.4	46.4	46.4	47.8	S	2.9	S	4.1	S	5.7	S	6.2	W	6.6	WNW	7.6	4.8	—	—	—	—	—	—	—
12	46.5	47.2	48.0	47.7	47.6	48.3	47.6	WNW	5.8	NW	4.6	WNW	12.4	WNW	9.0	SW	5.5	SSW	9.6	7.6	—	—	—	—	—	—	—
13	48.8	49.7	50.4	49.6	49.7	51.3	49.9	WSW	2.5	SW	3.4	SSW	5.2	S	8.3	SSW	6.4	SSW	7.4	5.8	—	—	—	—	—	—	—
14	52.2	52.7	54.1	53.5	54.6	56.6	54.0	S	6.0	S	3.1	S	4.0	S	6.1	SW	3.0	—	0.1	5.4	—	—	—	—	—	—	—
15	57.3	57.5	58.2	57.3	57.2	57.6	57.5	—	0.4	ESE	1.3	SSE	2.7	SSW	8.9	SSW	3.9	S	7.4	2.9	—	—	—	—	—	—	—
16	57.5	57.5	57.4	56.4	56.0	56.3	56.9	SSW	9.8	SSW	7.9	SSW	8.6	SSW	8.6	SW	4.6	SSW	6.3	7.9	—	—	—	—	—	—	—
17	55.9	55.9	55.7	54.6	53.9	54.0	55.0	SSW	7.1	SW	4.1	SSW	7.5	SSW	6.2	S	4.7	S	5.4	5.7	—	—	—	—	—	—	—
18	53.0	54.1	54.2	53.8	55.1	56.6	54.5	S	9.9	SSW	6.4	NNE	3.2	NNE	5.8	N	5.1	N	4.1	6.3	—	—	0.0	0.9	3.6	—	4.5
19	56.6	57.1	57.2	55.6	55.0	55.0	56.1	N	2.4	W	2.2	NNW	6.1	NW	6.4	W	2.1	SW	5.1	4.1	—	—	—	—	—	—	—
20	54.4	53.9	54.3	52.8	52.6	53.0	53.5	SW	8.5	WSW	6.4	WNW	6.7	SW	6.4	SSW	6.9	SW	8.7	6.5	—	—	—	—	—	—	—
21	53.2	53.6	54.4	53.6	53.5	54.5	53.8	SSW	8.0	SSW	8.2	SSW	5.3	S	5.2	SSW	3.9	S	3.6	5.7	—	—	—	—	—	—	—
22	54.2	54.5	55.2	54.5	54.9	56.0	54.9	S	1.8	SSE	0.9	S	4.8	S	3.3	S	2.6	S	3.4	3.1	—	—	—	—	—	—	—
23	55.9	56.1	57.0	56.0	55.9	56.6	56.3	S	3.0	—	0.0	SSW	4.7	S	5.1	S	3.6	S	1.9	3.4	—	—	—	—	—	—	—
24	56.6	56.7	57.2	56.0	55.6	55.5	56.3	S	2.3	SSE	1.8	S	2.7	S	2.1	SE	3.3	ESE	2.8	2.4	—	—	—	—	—	—	—
25	54.7	54.1	54.2	52.5	52.0	52.4	53.3	—	0.2	SE	0.8	E	4.0	SE	5.7	SSE	3.6	SE	1.2	2.6	—	0.1	—	—	—	—	0.1
26	51.7	51.6	52.2	50.9	51.0	51.6	51.5	SE	2.3	E	1.4	S	4.5	E	2.4	S	2.1	—	0.1	2.1	—	0.3	—	—	—	—	0.3
27	50.5	49.6	49.5	47.9	47.4	49.6	49.1	WNW	2.2	—	0.1	SSW	5.7	SSW	6.4	S	6.2	N	9.5	3.2	—	0.1	—	—	—	0.7	0.8
28	51.0	52.3	53.0	51.6	51.4	51.2	51.8	N	12.3	NNW	12.4	N	11.7	NNW	9.9	NW	6.7	NW	9.8	10.2	0.3	—	—	—	—	0.1	0.4
29	50.4	50.0	49.5	48.9	49.4	50.4	49.8	NNW	4.3	WSW	5.4	NW	7.9	W	10.5	WSW	4.2	NNW	2.0	6.1	—	0.8	0.0	0.0	1.1	1.6	3.5
30	50.6	51.0	52.9	52.9	54.1	54.9	52.7	W	1.6	WNW	4.7	NW	6.7	NNW	6.2	WSW	1.9	SW	7.0	4.3	0.8	—	—	—	—	—	0.8
平均 Mean	52.2	52.3	52.7	51.8	51.7	52.4	52.2		4.4		4.1		5.4		6.3		4.4		4.9	4.9	4.5	1.9	3.0	17.8	15.9	5.9	49.0

日 Day	氣溫 (攝氏) AIR TEMPERATURE (°C) 2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 6h		10h		14h		18h		22h		平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	21.8	21.7	24.3	25.5	22.2	21.7	22.9	25.7	21.0	4.7	92	91	71	68	84	86	82	0	sk	6	k	3	k	10	sk	10	sk	5.8	11.00	4.2
2	21.7	21.6	19.3	18.6	17.7	17.3	19.4	21.9	17.0	4.9	62	71	96	95	92	93	84	10	sk	10	n	10	k	10	n	10	n	10.0	0.00	2.9
3	17.4	16.4	21.4	23.9	21.2	20.1	20.1	24.5	16.0	8.5	97	95	72	60	67	63	76	6	sk	10	sk	4	k	0	k	0	s, k	4.0	9.05	5.4
4	20.1	20.3	24.6	25.2	22.2	20.5	22.2	25.7	18.4	7.3	38	88	48	62	60	78	62	2	s	0	—	0	kc, k	0	sk	0	—	0.4	12.00	5.5
5	17.4	19.2	25.1	23.8	23.0	19.2	21.3	26.2	17.4	8.8	87	83	60	75	88	91	81	10	kn	3	kn	8	k	6	kc, k	0	—	5.4	8.20	3.9
6	19.9	20.3	25.6	26.4	22.2	20.5	22.5	27.0	18.5	8.5	63	62	42	51	68	81	61	0	—	0	k	0	k	0	—	0	—	0.0	11.80	5.3
7	20.8	19.5	25.0	25.2	22.1	22.1	22.5	26.3	18.6	7.7	53	92	67	58	65	74	68	10	c	10	c, sc	10	sk, kc	10	sc	3	sc	8.6	9.00	4.8
8	21.6	21.3	22.7	25.6	22.1	20.9	22.4	26.6	20.9	5.7	76	88	87	73	87	94	84	10	sk	10	sk, n	10	cs, kc, sk	10	sk, sc	10	sk	10.0	2.67	3.2
9	20.6	21.5	25.7	26.3	22.1	21.0	22.9	27.0	20.5	6.5	98	79	71	69	84	91	82	10	sk, n	6	s, ck	4	k, cs	10	sk	8	sk	7.6	7.95	3.7
10	21.0	20.7	22.9	25.2	20.7	20.1	21.8	25.3	19.6	5.7	86	92	86	71	83	91	85	10	n	10	n, k	10	sk, k	10	sc, c, n	10	sc	10.0	0.00	2.4
11	20.1	19.5	21.8	22.6	20.3	19.4	20.6	23.5	18.9	4.6	91	91	84	84	52	52	76	10	kc sk	10	sk	10	sk	3	kc	0	—	6.6	0.85	4.0
12	18.3	16.9	21.7	21.9	19.8	19.6	19.7	22.5	16.6	5.9	58	54	35	32	43	63	48	1	k	1	k	0	k	0	—	0	—	0.4	11.45	6.6
13	18.2	17.0	23.3	23.2	19.7	19.2	20.1	25.2	16.0	9.2	67	60	41	35	66	77	58	0	—	0	—	0	—	0	—	0	—	0.0	11.90	6.7
14	18.7	18.8	25.4	26.0	21.7	19.2	21.6	26.6	17.5	9.1	86	91	67	60	68	86	76	0	kc	0	k	0	kc	6	c	0	—	1.2	11.40	4.5
15	18.6	18.6	24.6	25.0	21.0	21.1	21.5	25.8	18.3	7.5	87	80	60	60	82	66	73	10	c	9	c, sc	0	k	0	—	0	—	3.8	10.20	5.4
16	20.1	19.3	23.7	25.7	20.3	18.9	21.3	25.7	18.3	7.4	76	84	59	48	61	86	69	0	ck	0	k	0	k	0	k	0	—	0.0	11.30	6.3
17	19.6	18.8	24.8	25.4	20.4	20.5	21.6	26.5	18.3	8.2	86	76	64	63	84	82	76	0	—	0	ck	0	k	0	—	0	—	0.0	11.43	5.1
18	20.7	20.2	22.1	15.2	16.1	15.5	18.3	23.5	14.3	9.2	60	74	62	88	74	65	71	6	kc	5	kc, ck, k	10	n, sk	3	sk	0	—	4.8	4.50	3.3
19	15.3	16.7	21.4	23.4	19.8	19.4	19.3	23.8	14.5	9.3	72	64	45	27	53	55	53	0	—	0	—	0	—	0	—	0	—	0.0	11.25	5.7
20	19.1	19.4	24.1	25.9	19.6	21.7	21.6	26.4	18.5	7.9	64	66	56	40	72	37	55	0	—	0	—	0	—	0	—	0	—	0.0	11.40	6.8
21	19.4	18.5	25.2	26.4	19.9	18.7	21.4	26.5	18.3	8.2	74	85	63	60	91	97	78	0	—	0	k	0	k	0	—	1	c	0.2	11.50	4.3
22	18.3	17.7	23.8	24.8	19.3	18.3	20.4	25.0	17.6	7.4	98	98	66	47	75	91	79	0	—	0	k	0	k	0	—	0	—	0.0	11.30	4.0
23	18.7	18.1	24.2	24.3	19.3	18.3	20.5	25.3	17.6	7.7	90	90	56	50	74	81	74	0	—	1	c	4	c	5	cs	0	—	2.0	10.55	4.4
24	18.0	17.7	23.8	24.0	19.4	19.1	20.3	25.5	17.4	8.1	84	92	64	56	79	91	78	0	k	2	k	0	k	0	cs	0	cs	0.4	11.00	4.0
25	17.9	17.7	22.5	24.1	19.9	18.9	20.2	25.8	17.6	8.2	96	99	73	70	89	90	86	9	ck, cs	5	ck	2	k	0	k	0	—	3.2	10.80	3.9
26	18.2	17.0	21.9	23.7	19.6	18.5	19.8	24.0	16.8	7.2	93	98	74	59	83	93	83	0	—	2	k	2	k	0	—	0	—	0.8	10.00	3.5
27	18.0	18.1	22.7	23.1	20.5	16.1	19.8	24.5	16.1	8.4	97	100	73	61	83	83	83	10	sc	10	kc, cs, s	10	sc	10	sk	10	sk	10.0	5.00	5.8
28	12.3	11.7	14.1	15.2	14.2	13.5	13.5	16.2	11.4	4.8	55	63	46	37	37	42	47	4	sk	4	k	5	k	5	k	2	k, kn	4.0	8.95	5.8
29	12.6	9.8	13.4	14.6	11.3	11.7	12.2	16.2	9.2	7.0	46	76	38	45	65	67	56	10	n, k	8	sk	5	n, sk	9	n	2	kn	6.8	4.40	4.3
30	11.0	12.8	15.9	16.7	14.6	15.4	14.4	17.6	10.4	7.2	60	54	41	43	50	46	49	9	sk, kn	6	k	4	k	0	—	0	—	3.8	9.00	5.3
平均 Mean	18.5	18.2	22.5	23.2	19.7	18.9	20.2	24.4	17.1	7.4	76	81	62	58	72	76	71	4.6		4.3		3.7		3.6		2.2		3.7	259.85	141.6

* 重力ノ更正　Reduction to standard gravity ……— 0.4
海面ニノ更正　Reduction to mean sea level ……+ 8.6

大　連

昭和六年九月　　DAIREN.　　SEPTEMBER, 1931.

日 Day	水蒸氣ノ張力(粍) TENSION OF VAPOUR.(mm) 2h	6h	10h	14h	18h	22h	平均 Mean	地面溫度(攝氏) EARTH TEMP. ON THE SURFACE.(°C) 6h	14h	22h	平均 Mean	地中溫度(攝氏) EARTH TEMPERATURE. (°C) 0.1m	0.2m	0.3m	0.5m	1.0m	2.0m	3.0m	4.0m	5.0m	最低地溫(攝氏) MIN. TEMP. ON GRASS. (°C)	最高日溫(攝氏) MAX. TEMP. (BLACK BULB.) (°C)
1	17.8	17.5	16.2	16.4	16.7	16.7	16.9	20.8	35.1	22.1	25.0	23.5	22.5	23.0	22.9	21.9	19.7	18.4	17.0	15.3	19.8	41.7
2	12.0	13.6	15.0	15.2	13.8	13.7	13.9	20.3	20.1	18.0	19.5	21.6	22.0	22.9	22.9	22.1	19.7	18.3	17.1	15.5	16.1	22.6
3	14.3	13.2	13.6	13.4	12.6	11.2	13.1	17.2	31.9	17.5	22.2	20.5	19.9	20.6	21.3	21.9	19.7	18.2	17.1	15.5	15.3	35.2
4	6.6	15.6	11.2	14.6	11.9	14.1	12.3	17.7	30.6	18.7	22.3	20.6	19.7	20.7	21.3	21.8	19.9	18.4	17.3	15.5	16.5	38.0
5	12.8	13.7	14.2	16.6	18.4	15.1	15.1	18.3	27.3	19.2	21.6	20.7	20.3	21.2	21.4	21.4	19.7	18.4	17.2	15.5	15.9	36.8
6	10.9	11.1	10.4	13.1	13.5	14.6	12.3	16.0	32.3	19.3	22.5	20.9	20.3	21.3	21.6	21.8	19.7	18.4	17.4	15.6	15.2	38.6
7	9.7	15.6	15.8	14.0	12.9	14.6	13.8	18.0	30.6	20.0	22.9	21.7	20.7	21.4	21.7	21.4	19.6	18.3	17.4	15.6	15.7	36.8
8	14.6	16.7	17.8	17.6	17.1	17.2	16.8	20.5	30.4	21.2	24.0	21.6	21.1	21.7	21.9	21.6	19.5	18.3	17.4	15.8	19.6	36.8
9	17.7	15.0	17.4	17.5	16.6	16.9	16.9	20.3	35.7	21.7	25.9	22.5	21.6	22.1	21.9	21.4	19.4	18.2	17.2	15.7	19.7	37.2
10	15.9	16.8	17.8	17.0	15.1	16.0	16.4	20.5	29.8	20.0	23.4	22.2	21.9	22.6	22.5	21.5	19.5	18.3	17.2	15.7	17.8	34.6
11	15.9	15.6	16.3	17.1	9.3	8.9	13.9	19.7	25.9	16.7	20.8	21.8	21.4	22.0	22.1	21.4	19.4	18.0	17.2	15.8	16.7	30.4
12	9.1	7.8	6.9	6.3	7.4	10.6	8.0	14.5	33.1	17.8	21.8	18.9	19.1	20.3	21.2	21.4	19.5	18.3	17.4	15.8	14.1	32.4
13	10.4	8.7	8.7	7.3	11.3	12.7	9.9	14.8	34.2	18.5	22.5	19.2	18.9	20.0	20.6	21.1	19.4	18.0	17.2	15.8	12.7	38.3
14	13.8	14.7	16.1	15.0	13.2	14.2	14.5	17.7	37.3	19.0	24.7	20.7	19.7	20.3	20.6	20.9	19.4	18.1	17.3	15.8	15.3	37.1
15	13.9	12.7	13.8	14.2	15.2	12.2	13.7	17.7	33.8	19.8	24.8	21.3	20.5	21.1	21.1	20.9	19.4	18.0	17.2	16.0	15.7	36.4
16	13.3	13.9	12.8	11.9	10.9	13.9	12.8	18.5	37.4	19.2	25.0	21.3	20.8	21.5	21.6	21.0	19.4	18.2	17.2	16.0	17.3	33.8
17	14.6	12.2	14.7	15.4	15.0	14.8	14.5	18.1	40.0	20.2	26.1	21.5	20.8	21.5	21.6	21.0	19.2	17.9	17.2	15.8	17.3	35.7
18	10.9	13.0	12.3	11.3	10.1	8.6	11.0	19.5	20.4	13.7	17.9	21.7	21.4	21.9	21.7	21.1	19.1	18.1	17.2	15.9	13.6	37.3
19	9.3	9.1	8.5	5.9	9.0	9.1	8.5	13.1	32.3	15.7	20.4	17.3	17.9	19.4	20.6	21.1	19.2	17.8	17.2	16.0	11.8	34.4
20	10.5	11.0	11.1	9.8	12.1	7.2	10.3	15.8	35.8	18.3	23.3	19.2	18.8	19.7	20.2	20.9	19.2	17.9	17.2	16.0	16.3	38.2
21	12.4	13.4	15.2	15.4	15.8	15.5	14.6	17.4	38.7	19.2	25.1	20.6	20.0	20.7	20.9	20.6	19.2	18.0	17.2	16.0	17.1	37.0
22	15.3	14.7	14.6	11.0	12.5	14.2	13.7	17.5	39.8	18.5	25.3	21.9	20.5	21.3	21.3	20.8	19.1	18.0	17.2	16.0	14.8	35.1
23	14.4	13.9	12.6	11.4	12.3	12.6	12.9	16.5	38.3	17.8	24.2	20.9	20.7	21.5	21.5	20.9	19.1	18.0	17.2	16.0	14.5	36.0
24	12.9	13.8	13.9	12.3	13.2	15.0	13.5	16.8	43.7	17.2	25.9	20.6	20.4	21.3	21.6	21.0	19.1	18.0	17.4	16.0	15.0	37.3
25	14.6	14.9	14.7	15.6	15.4	14.6	15.0	17.1	43.4	16.8	25.8	20.7	20.7	21.5	21.7	21.1	19.1	18.0	17.2	16.0	14.6	40.2
26	14.4	14.0	14.6	12.8	14.1	14.7	14.1	15.9	44.0	18.0	26.0	20.6	20.7	21.5	21.8	21.2	19.1	18.0	17.2	16.0	14.6	37.0
27	14.9	15.4	14.9	12.9	14.9	11.2	14.0	18.0	30.9	17.3	22.1	21.2	21.1	21.7	21.9	21.1	19.1	18.0	17.2	16.0	15.1	35.1
28	5.9	6.4	5.5	4.7	4.5	4.9	5.3	11.7	28.3	11.7	17.2	17.4	19.0	20.5	21.4	21.4	19.3	18.0	17.4	16.1	9.0	25.0
29	5.0	6.6	4.4	5.6	6.4	6.9	5.8	10.7	22.5	10.5	14.6	15.5	17.1	18.7	19.9	20.9	19.1	18.0	17.2	16.0	6.6	29.0
30	5.9	6.0	5.5	6.0	6.1	6.1	5.9	10.7	21.9	12.0	14.9	14.3	15.4	17.2	18.8	20.4	19.2	18.0	17.2	16.1	6.3	29.6
平均 Mean	12.3	12.9	12.9	12.6	12.6	12.6	12.6	17.0	33.0	17.9	22.6	20.4	20.2	21.0	21.4	21.2	19.4	18.1	17.2	15.8	15.0	35.1

記事 REMARKS.

日 Day	記事 REMARKS.
1	⌒1a.p.
2	●°6h05-●1h10h35-●°10h46-●13h27-●°17h30-23h40. 〰16-19h.
3	♂°p.
4	♂1a.⌒°p.
5	⌒2p. ●°1h12-●11h15-●21h17-●11h21-●°1h24-1h32.●°5h33-●15h53-●°5h56-●16h11-●°6h17…6h33.
6	⌒2a.⌒1p. 5th {●°8h07-8h29.●°14h05-14h14.T1(W)1h22.T°(W)5h12…5h18.⌈°(W)5h40…⌈15h48…⌈1(WSW)5h55…
7	⌒1∞1a.♂1p. …⌈1(S)6h02…⌈°(E)6h10…6h18.⌊°(SSW-S)19h25…20h30.
8	♂°a.⌒1p. 〰1-2h.
9	⌒°a.⌒1p. ●°6h14-6h22.
10	⌒1a.p. ●°5h05-5h12.●°5h50-8h43.●°10h02-10h12.
11	⌒1a.♂°p.
12	♂°a. 〰10-13.23h.
13	⌒°a.
14	⌒1a.⌒°p.
15	⌒1∞1a.
16	〰3h.
17	
18	●°8h13-8h16.●°13h20-16h50.
19	
20	
21	⌒2p.
22	⌒2a.⌒1p.
23	⌒1∞1a.⌒°p.
24	⌒1a.⌒2p.
25	⌒2a.⌒1p.
26	⌒2a.p.
27	⌒2∞1a. ●°18h17-19h46.●°21h20-21h36.●°23h18-23h29.⌈1(SW)18h40.⌈18h55. 〰23h-
28	♂°a. ●°21h43-21h56. 29th {●°▲°14h46-●°14h50-14h54. -〰-10.12-13h.
29	●°5h08-●15h34-●°5h45-5h53.●°6h18…6h32.●°8h23-8h27.●°12h42-12h46.●°13h45-13h50. 〰11.14-15h.
30	29th {●°15h37-●15h42-●°15h45-15h49.●°16h43-●°△°16h58-●°16h59-17h07.●°18h04-18h15.●°21h15-21h28.●°23h30-23h50.

營口

YINGKOW.

昭和六年九月 SEPTEMBER, 1931.

日 Day	氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean
1	60.4	61.3	61.6	61.0	60.7	61.2	61.0
2	60.8	60.4	60.4	59.0	58.0	57.4	59.3
3	55.7	54.3	54.8	53.7	53.6	54.2	54.4
4	54.7	54.5	55.3	54.7	54.4	55.3	54.8
5	55.4	55.9	57.2	56.3	56.4	57.2	56.4
6	56.2	58.7	59.3	58.3	58.3	59.0	58.3
7	59.0	58.6	58.2	57.3	56.7	57.3	57.9
8	57.3	57.1	57.8	56.9	56.7	56.9	57.1
9	56.5	56.6	58.2	57.6	58.1	59.3	57.7
10	59.4	59.3	59.2	57.9	57.5	57.2	58.4
11	57.0	56.4	54.9	53.0	52.1	53.0	54.4
12	53.5	53.9	54.7	53.9	53.5	54.5	54.0
13	55.5	56.2	56.5	55.7	56.2	57.7	56.3
14	59.3	60.2	62.1	61.6	62.1	64.2	61.6
15	64.2	65.7	65.9	64.6	63.8	65.0	64.9
16	65.1	63.8	64.1	62.8	62.5	63.3	63.6
17	63.2	62.5	62.5	60.8	60.0	60.6	61.6
18	59.7	61.3	63.4	63.4	63.4	64.2	62.6
19	64.1	64.5	64.2	62.3	61.2	61.3	62.9
20	60.3	59.8	60.7	59.3	59.5	60.0	59.9
21	59.9	59.8	61.1	60.1	60.0	61.5	60.4
22	61.6	61.8	62.9	61.8	61.8	63.1	62.2
23	63.4	63.3	63.8	62.8	62.8	63.8	63.3
24	64.2	64.2	65.1	63.8	63.1	63.6	64.0
25	62.7	62.3	62.6	60.0	59.4	60.1	61.2
26	59.8	59.3	59.7	58.9	58.9	59.5	59.4
27	58.9	57.8	56.9	55.2	56.2	60.5	57.6
28	61.3	61.4	61.1	58.9	58.2	58.6	59.9
29	58.0	57.1	56.2	55.5	55.7	57.2	56.6
30	57.7	58.3	60.3	59.9	60.8	61.7	59.8
平均 Mean	59.5	59.5	60.0	58.9	58.7	59.6	59.4

日 Day	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h.
1	S	0.9	S	0.6	S	2.2	SW	3.5	SW	1.4	—	0.2	1.5
2	S	0.8	S	1.3	SSE	1.2	SSE	0.6	SE	1.0	SE	2.3	1.2
3	E	1.5	E	0.7	NW	4.1	SSW	1.9	SSW	3.9	SSW	3.7	2.3
4	WSW	3.8	SW	3.5	SW	5.9	SW	7.1	SSW	5.8	SSW	4.4	5.1
5	SSW	4.1	SSW	2.3	SSW	5.4	SW	2.4	SW	1.3	SW	1.2	2.7
6	SSW	1.0	S	0.7	SSW	1.9	SW	2.9	SSW	1.9	SSW	1.1	1.5
7	SSW	0.7	SSE	1.3	S	2.9	SSW	5.4	SSW	3.7	SSW	2.3	2.7
8	SW	0.5	SSE	1.2	E	1.2	S	3.1	S	1.9	S	0.8	1.8
9	S	2.6	S	2.5	SW	4.4	S	0.9	SSW	1.0	E	1.3	2.0
10	ENE	1.3	ENE	1.3	S	0.8	SW	3.7	SW	2.9	SSE	2.3	2.1
11	SSE	1.0	SSE	1.8	S	4.7	SW	4.7	SW	4.5	W	3.7	2.2
12	NW	1.3	W	1.2	W	5.1	SW	4.0	SW	4.7	SW	3.5	3.9
13	SW	1.0	S	0.8	SW	6.2	SSW	5.3	SSW	5.8	S	2.1	3.9
14	S	1.5	S	1.6	NNE	1.6	NW	2.6	—	0.2	—	0.2	1.3
15	SSE	1.0	SE	1.1	SE	1.2	SSW	1.8	SSE	2.3	SSE	1.6	1.6
16	SSE	1.0	S	4.1	SSW	6.5	SSW	7.8	SSW	4.7	S	2.3	4.9
17	S	3.8	S	2.9	S	5.8	S	7.6	S	4.7	S	4.1	4.6
18	S	4.1	N	8.4	NE	2.9	NNE	2.7	N	2.6	N	1.8	3.2
19	N	0.6	NNW	1.2	SW	2.9	SW	3.7	SSW	3.3	S	2.6	2.1
20	S	2.5	S	2.3	S	4.8	SSW	3.9	S	3.7	SSE	2.8	3.7
21	SSE	3.3	SSE	2.5	S	5.3	SSW	5.4	SSW	3.3	SSE	2.8	3.9
22	SSE	1.8	SSE	1.6	SSW	3.7	SSW	4.2	SSW	2.6	S	0.9	2.7
23	S	1.8	SSE	2.3	S	5.3	SSW	5.4	SSW	2.9	S	2.9	3.2
24	SSE	1.3	SSE	1.5	S	4.7	SW	3.2	SSW	1.7	S	0.7	1.9
25	SSE	0.7	SSE	1.8	S	0.7	SW	2.6	SSW	1.8	S	0.9	1.5
26	SSE	1.2	SSE	1.3	S	1.9	SW	3.5	W	1.7	WSW	0.9	1.5
27	NNE	2.8	NNE	1.3	NNW	1.9	WSW	2.9	NNW	4.7	NE	2.3	2.8
28	N	2.6	N	2.7	N	5.0	NNW	5.4	NNW	1.8	NW	4.1	3.9
29	NW	2.6	WNW	5.0	WNW	5.8	W	4.9	WNW	3.5	WNW	4.7	4.3
30	NW	3.5	WNW	3.7	NW	4.9	SW	3.4	SSW	1.8	S	3.3	3.1
平均 Mean		1.9		2.2		3.7		3.9		2.9		2.3	2.8

日 Day	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
1	—	—	—	—	—	—	—
2	—	—	0.0	0.2	4.4	0.0	4.6
3	—	—	1.4	0.3	—	—	1.7
4	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—
7	—	—	—	—	—	0.0	0.0
8	5.0	7.4	11.7	0.5	—	—	24.6
9	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—
11	—	—	—	1.4	—	—	1.4
12	—	—	—	—	—	0.7	0.7
13	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—
18	—	7.9	1.6	—	—	—	9.5
19	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—
27	—	—	—	—	3.2	6.8	10.0
28	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—
平均 Mean	5.0	15.3	14.7	2.4	7.6	7.5	52.5

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range
1	18.4	17.6	27.1	27.5	25.7	22.1	23.1	29.0	16.9	12.1
2	20.8	19.6	22.5	21.1	18.2	17.5	20.0	23.0	16.7	6.3
3	17.2	15.9	17.2	22.8	21.6	21.9	19.4	23.4	14.6	8.8
4	20.3	19.8	25.5	25.6	22.5	21.7	22.6	26.0	18.8	7.2
5	21.6	19.7	23.8	26.9	23.9	20.0	22.7	27.8	18.7	9.1
6	16.4	15.1	25.4	27.5	24.0	20.1	21.4	28.7	14.4	14.3
7	17.1	16.4	24.7	26.3	24.0	22.8	21.9	27.0	15.3	11.7
8	19.4	18.5	18.7	24.9	22.7	21.2	20.9	25.7	17.6	8.1
9	20.3	19.3	24.5	27.2	24.0	20.2	22.6	28.4	18.6	9.8
10	19.0	18.1	24.5	26.4	23.3	19.6	21.8	26.6	17.2	9.4
11	18.4	18.5	22.5	22.6	21.7	19.5	20.5	23.9	17.7	6.2
12	15.8	14.2	20.7	20.2	20.0	15.5	17.7	22.8	13.4	9.4
13	12.3	10.2	21.6	23.7	21.2	17.2	17.7	24.1	9.9	14.2
14	17.0	13.7	23.2	25.4	21.6	15.8	19.5	25.8	12.9	12.9
15	13.4	12.5	25.7	26.6	23.9	19.2	20.2	28.2	11.7	16.5
16	17.9	20.1	24.2	24.2	22.2	20.5	21.5	24.8	16.2	8.6
17	20.5	19.5	24.1	25.2	22.8	21.4	22.3	25.8	18.5	7.3
18	20.3	16.0	16.9	18.6	18.6	15.0	17.6	21.6	13.8	7.8
19	11.6	9.8	21.5	23.7	20.3	17.6	17.4	24.4	8.7	15.7
20	18.2	18.0	23.1	25.0	21.0	18.5	20.6	25.3	15.8	9.5
21	16.9	15.5	24.2	26.7	22.6	20.5	21.1	26.8	14.5	12.3
22	16.7	14.7	24.1	26.2	22.2	18.7	20.4	26.8	13.7	13.1
23	14.8	13.8	23.8	25.2	21.9	19.5	19.8	25.8	13.3	12.5
24	15.4	12.4	23.7	25.4	21.6	17.2	19.3	26.0	11.7	14.3
25	14.7	12.3	24.6	26.8	21.9	17.0	19.6	27.5	11.6	15.9
26	15.4	13.6	24.0	25.2	21.3	19.0	19.8	25.8	12.8	13.0
27	16.7	16.3	20.2	25.0	16.9	11.8	17.8	25.0	11.2	13.8
28	10.1	8.4	14.4	16.9	13.1	11.0	12.3	17.6	7.7	9.9
29	10.1	8.9	14.0	14.9	13.1	12.5	12.3	16.2	7.4	8.8
30	11.9	11.3	15.6	18.2	15.3	13.0	14.2	18.7	10.2	8.5
平均 Mean	16.6	15.3	22.2	24.1	21.1	18.3	19.6	25.0	14.1	10.9

日 Day	濕度 (百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean
1	87	90	45	55	58	87	70
2	88	81	55	63	91	76	76
3	83	92	88	57	67	50	73
4	46	59	33	40	72	70	53
5	70	77	69	38	51	82	65
6	84	87	59	45	61	86	70
7	86	80	47	59	62	63	65
8	90	95	93	70	80	91	87
9	90	92	78	59	82	61	77
10	60	77	75	66	77	87	73
11	90	89	70	72	61	55	73
12	80	78	46	36	43	67	57
13	86	88	35	35	51	69	61
14	90	91	37	32	62	81	66
15	80	83	35	33	46	82	60
16	81	74	68	68	68	66	71
17	75	70	68	59	69	49	65
18	60	90	70	50	55	69	66
19	86	93	49	37	66	79	68
20	84	81	60	50	76	75	71
21	70	75	68	49	61	68	65
22	70	86	59	45	67	89	69
23	84	89	54	62	68	79	73
24	88	87	46	51	73	92	73
25	96	84	44	40	61	83	68
26	92	87	47	47	63	93	72
27	90	94	80	55	90	87	83
28	76	85	43	30	49	57	57
29	60	46	36	37	47	44	45
30	45	55	39	34	50	70	49
平均 Mean	79	82	56	49	64	74	67

日 Day	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 6h	10h	14h	18h	22h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	1 c	4 c	10 ck, k	10 sc	10 sc	7.0	11.15	4.5
2	10 sc	10 sc	10 n	10 n	10 n	10.0	0.00	1.2
3	9 kc, sk	10 n	7 k	4 kc, k	2 ck	6.4	9.14	5.8
4	0 —	0 k	0 —	0 —	0 —	0.0	12.30	6.6
5	7 ck	7 kc, k	0 k	0 —	0 —	2.8	11.65	5.3
6	0 —	0 —	1 k	4 k	0 —	1.0	12.30	4.7
7	10 c	10 sc	10 kc, sk	10 n	10 n	10.0	7.32	3.1
8	10 n	10 n	10 sk, cs	10 sk, n	10 sc	10.0	1.81	2.2
9	10 sc	7 k	10 c, k	10 c, k	10 sc	9.4	10.14	4.4
10	10 sc, cs	10 kn, k	6 k	7 sk, k	0 —	6.6	8.36	3.6
11	10 kc, ck	10 sk	10 n	10 kc, k	0 —	8.0	2.95	5.0
12	0 —	6 k, kc	1 k	2 k	8 kc, kn	3.4	11.70	5.5
13	0 —	0 k	0 k	0 —	0 —	0.0	10.50	5.3
14	0 c	0 k	0 —	0 —	0 —	0.0	11.63	4.5
15	7 c	1 c	8 kn, kc	1 k	0 —	3.4	11.55	5.1
16	2 kc, k	3 k	3 k	0 k	0 —	1.6	10.96	5.3
17	0 —	0 —	0 —	0 —	0 —	0.0	11.76	6.4
18	10 n, kn	10 sk, n	9 kn, c	4 kc	0 —	6.6	4.95	2.7
19	0 —	0 —	0 —	0 —	0 —	0.0	11.85	4.4
20	0 —	0 —	0 —	0 —	0 —	0.0	11.41	3.9
21	0 —	0 —	0 —	0 —	0 —	0.0	11.49	4.6
22	0 c	0 —	0 —	0 —	0 —	0.0	11.50	4.6
23	0 —	0 —	0 —	0 —	0 —	0.0	11.14	4.4
24	0 —	0 —	0 —	0 —	0 —	0.0	11.29	3.9
25	0 —	0 —	0 —	0 —	0 —	0.0	10.90	4.3
26	0 —	0 —	0 —	0 —	4 ck	0.8	11.08	3.7
27	10 sc	10 sc	8 ck	10 n	10 sk	9.6	4.61	4.3
28	0 —	2 k	5 k	7 k	0 —	2.8	10.10	4.2
29	0 —	1 k	10 kc, ck	0 c	4 ck	3.0	7.22	4.0
30	10 sk	10 kc, sk	3 s, k	0 —	0 —	4.6	8.26	3.7
平均 Mean	3.9	4.0	4.0	3.3	2.6	3.6	281.02	131.2

重力ノ更正 Reduction to standard gravity ..... — 0.3

海面ヘノ更正 Reduction to mean sea level ..... + 0.3

奉　天

昭和六年九月　　MUKDEN.　　SEPTEMBER, 1931.

日 Day	氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean
1	58.4	57.4	57.9	56.6	56.5	57.4	57.0
2	56.9	56.4	56.3	55.0	54.6	53.9	55.5
3	52.0	50.6	49.6	49.2	49.1	49.8	50.1
4	49.6	50.1	50.0	49.3	49.7	50.4	49.9
5	50.6	51.7	52.8	52.3	52.6	53.7	52.3
6	53.9	54.6	54.8	54.0	53.9	54.8	54.3
7	55.1	54.8	53.8	52.7	52.1	52.9	53.6
8	53.4	53.9	53.9	53.3	52.7	52.7	53.3
9	52.1	53.0	53.6	53.3	54.1	55.6	53.6
10	56.1	55.8	55.8	53.6	53.1	53.9	54.7
11	52.9	51.7	50.9	48.6	47.5	47.7	49.9
12	48.3	48.6	49.4	48.2	48.4	49.5	48.7
13	50.3	50.7	50.8	50.4	50.8	53.0	51.0
14	54.0	56.0	57.6	57.4	58.0	59.8	57.1
15	60.5	61.8	62.2	60.7	59.5	60.2	60.8
16	60.1	60.7	58.6	57.3	58.1	59.2	59.0
17	58.4	57.9	57.3	55.2	54.9	55.6	56.6
18	55.2	57.3	59.0	58.7	58.8	59.3	58.1
19	59.2	59.3	59.1	56.9	56.1	56.5	57.9
20	55.5	55.5	56.0	54.4	54.8	55.9	55.4
21	55.6	56.0	56.6	55.6	55.7	57.0	56.1
22	57.3	57.5	58.2	57.0	57.4	58.9	57.7
23	59.0	59.2	59.2	57.7	58.4	59.6	58.9
24	60.0	59.9	60.7	59.6	58.9	59.5	59.8
25	58.6	58.5	58.1	55.6	54.9	56.0	57.0
26	55.6	55.5	55.6	54.6	54.8	55.4	55.3
27	54.5	53.4	52.5	50.4	52.2	55.9	53.2
28	56.0	56.2	55.6	53.3	52.6	52.7	54.4
29	51.2	50.9	50.1	49.3	49.8	51.1	50.4
30	51.9	53.0	54.8	54.6	55.3	56.8	54.4
平均 Mean	55.0	55.3	55.4	54.2	54.2	55.2	54.9

日 Day	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h.
1	ESE	1.9	ESE	1.9	ESE	2.4	WNW	2.3	W	1.6	W	1.4	1.7
2	W	1.2	W	2.1	SSE	2.0	SSW	4.1	S	1.3	S	1.8	2.0
3	S	1.3	SE	1.6	SE	3.5	WSW	2.0	SW	2.4	WSW	2.1	2.8
4	SSE	2.5	SSE	3.6	SW	7.2	SW	9.4	S	5.0	S	4.6	5.3
5	S	3.5	S	3.2	W	2.4	WNW	3.3	WNW	2.3	WNW	1.1	3.0
6	WNW	1.7	S	2.3	W	2.6	WNW	4.1	NW	2.6	NW	0.8	2.3
7	WSW	1.9	SSE	3.3	S	3.7	SW	6.7	SW	4.7	SW	5.1	3.5
8	WSW	5.8	S	3.3	SSE	3.3	S	4.4	SSE	2.6	SSE	2.3	3.5
9	SSE	3.4	SW	2.2	SW	4.8	WNW	4.7	N	2.8	ENE	2.1	3.0
10	ENE	2.2	ENE	3.2	E	2.3	ESE	1.5	SSE	2.4	SSE	3.3	2.6
11	SSE	2.4	SSE	3.9	SSE	3.1	S	3.2	W	1.3	S	3.8	3.3
12	W	2.2	WSW	2.9	W	5.8	SW	7.4	SW	6.0	W	5.3	4.9
13	SW	4.7	SSW	5.2	WSW	7.9	WSW	11.2	SW	5.8	WSW	5.5	6.2
14	W	2.4	WSW	1.9	W	2.2	W	4.7	W	1.9	SSW	2.2	2.5
15	SSW	2.3	SSW	0.8	S	1.2	S	2.2	S	2.3	S	3.2	1.9
16	S	4.3	S	2.6	SSW	9.2	—	0.2	NW	1.9	WSW	1.9	3.6
17	SSW	2.2	SSW	3.7	SW	8.8	SW	9.2	SW	8.1	SW	3.3	6.0
18	S	4.0	N	6.0	NNE	3.6	NW	3.3	NNW	2.0	—	0.3	3.1
19	S	1.3	S	2.5	SW	3.0	WNW	5.8	WNW	2.2	WSW	2.5	2.7
20	WSW	3.0	SW	2.5	W	3.4	WSW	3.3	SW	3.6	S	2.6	3.2
21	S	2.5	S	3.5	SW	7.0	SW	6.2	SW	2.7	SW	3.0	4.4
22	S	3.7	S	4.1	SW	6.4	SW	7.5	WSW	3.0	SW	4.2	4.5
23	S	2.2	S	2.3	SSW	7.2	SW	8.0	WSW	3.9	SSW	4.6	4.5
24	SSW	1.5	S	2.1	SW	5.1	SW	4.6	SW	1.5	SSW	1.6	2.7
25	S	2.2	SE	3.0	SE	2.5	SSW	4.7	SW	2.2	SW	1.8	3.1
26	S	2.9	SSE	3.3	SSE	2.6	SSW	1.8	W	1.2	N	5.1	2.5
27	N	3.4	N	2.3	ESE	1.9	SSW	5.8	NNW	5.5	NNW	3.8	4.0
28	NW	5.3	NW	3.0	NNW	4.8	NW	7.3	NW	3.6	WNW	3.7	4.7
29	W	3.9	W	5.7	W	6.4	W	5.8	WSW	5.0	W	3.0	5.3
30	W	2.9	WNW	2.9	W	4.8	W	3.8	WNW	1.0	SW	3.3	3.2
平均 Mean		2.8		3.0		4.4		5.0		3.1		3.0	3.5

日 Day	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
1	—	—	—	—	—	—	—
2	—	—	—	0.3	1.2	0.1	1.6
3	1.6	0.2	0.1	0.4	—	3.0	5.3
4	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—
7	—	—	—	—	—	0.4	0.4
8	4.5	3.6	0.1	—	0.0	—	8.2
9	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—
11	—	—	0.2	11.0	15.0	4.5	30.7
12	—	—	—	—	—	0.0	0.0
13	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—
16	5.4	7.3	0.5	11.9	—	—	25.1
17	—	—	—	—	—	—	—
18	—	—	0.4	—	—	—	0.4
19	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—
27	—	—	—	0.0	2.0	2.0	4.0
28	0.6	—	—	—	—	—	0.6
29	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—
平均 Mean	12.1	11.1	1.3	23.6	18.2	10.9	76.3

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range
1	17.8	17.8	25.8	28.2	25.1	21.6	22.7	29.1	17.2	11.9
2	20.3	19.1	23.4	20.4	18.2	17.5	19.8	23.7	17.4	6.3
3	16.6	16.1	19.8	21.8	19.9	16.4	18.4	23.4	16.1	7.3
4	14.3	13.6	22.6	25.3	21.0	16.4	18.9	25.7	12.5	13.2
5	15.7	15.4	23.2	25.9	23.9	17.0	20.2	26.4	14.8	11.6
6	14.4	13.8	22.0	26.8	24.7	17.0	19.9	27.3	13.2	14.1
7	14.6	14.6	24.9	26.3	23.2	20.1	20.6	26.7	14.1	12.6
8	18.0	17.2	20.1	22.9	20.6	18.8	19.6	23.0	17.0	6.0
9	17.8	17.0	25.3	28.2	23.0	17.8	21.5	28.2	16.4	11.8
10	15.6	14.5	23.2	28.3	22.1	19.3	20.5	28.8	14.2	14.6
11	17.1	17.3	20.3	16.4	16.0	14.3	16.9	20.9	14.1	6.8
12	12.7	9.8	18.5	21.1	17.3	15.8	15.9	21.5	9.1	12.4
13	12.7	10.7	19.2	22.0	18.6	17.5	16.8	22.6	9.9	12.7
14	15.2	11.4	21.2	23.2	20.1	14.6	17.6	24.6	11.3	13.3
15	12.1	10.8	22.5	26.7	21.4	17.0	18.4	27.4	10.5	16.9
16	15.2	13.7	23.0	21.3	21.1	17.2	18.6	25.8	13.5	12.3
17	16.8	17.5	24.3	27.7	22.6	18.1	21.2	27.8	16.8	11.0
18	17.6	15.7	15.9	19.6	17.2	10.7	16.1	20.8	10.7	10.1
19	8.6	7.6	18.5	23.7	18.3	12.9	14.9	24.2	7.1	17.1
20	12.2	11.5	23.1	27.6	21.2	15.2	18.5	28.0	11.3	16.7
21	13.5	12.8	24.7	28.3	22.6	18.2	20.0	28.5	12.8	15.7
22	16.7	15.8	24.9	27.6	20.9	16.9	20.5	28.0	14.9	13.1
23	15.0	12.4	24.0	27.7	21.8	18.6	19.9	27.7	12.3	15.4
24	14.7	11.8	23.2	27.3	21.4	15.4	19.0	28.3	11.3	17.0
25	13.1	11.4	24.4	27.8	21.8	16.1	19.1	28.0	11.4	16.6
26	13.8	12.6	24.2	27.5	22.9	18.1	19.9	27.6	12.5	15.1
27	15.9	13.9	17.5	22.1	14.2	10.1	15.6	23.4	10.1	13.3
28	8.2	8.3	11.4	15.8	11.5	7.7	10.5	16.0	7.7	8.3
29	5.0	6.4	12.2	13.1	11.2	8.1	9.3	15.2	4.9	10.3
30	7.7	6.8	12.8	16.4	12.7	8.1	10.8	18.3	6.8	11.5
平均 Mean	14.3	13.2	21.2	23.9	19.9	15.8	18.0	24.9	12.4	12.5

日 Day	濕度 (百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean
1	100	100	61	54	80	96	82
2	98	99	76	90	89	99	92
3	97	98	79	63	77	93	85
4	100	83	53	33	57	69	66
5	91	94	54	47	55	98	73
6	100	100	61	47	55	99	77
7	99	97	58	45	70	91	77
8	99	100	87	76	91	95	91
9	97	99	72	37	47	82	72
10	97	90	59	41	81	92	77
11	99	96	82	100	100	94	95
12	75	99	55	49	64	70	69
13	92	92	57	38	64	83	71
14	99	100	60	47	76	87	78
15	95	100	53	38	65	77	71
16	85	100	63	83	81	93	84
17	96	84	68	51	52	83	72
18	79	79	68	46	55	96	71
19	99	100	56	35	69	91	75
20	89	92	60	39	67	94	74
21	98	99	51	43	63	86	73
22	94	86	45	39	68	87	70
23	95	100	50	44	76	88	76
24	96	93	52	36	67	92	73
25	93	96	52	39	67	92	73
26	95	96	54	42	69	91	75
27	98	100	93	74	97	87	92
28	87	89	62	36	50	69	66
29	89	75	48	41	57	73	64
30	82	89	54	45	73	92	73
平均 Mean	94	94	61	50	69	88	76

日 Day	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 6h	10h	14h	18h	22h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	0 s	0 —	8 c, k	10 cs	10 cs	5.6	10.97	4.0
2	10 sc	10 sc, sk	10 n, sk	10 s, sk	10 n	10.0	0.50	2.4
3	10 n	10 sk, s	3 sk, ck	10 sk, s	3 s	7.2	6.55	4.0
4	0 —	0 k	1 k	0 —	2 ck	0.6	12.25	7.1
5	0 sk	0 k	4 k, sk	0 sk	0 —	0.8	12.20	5.3
6	0 —	0 —	2 k, sk	0 k	0 —	0.4	12.20	6.1
7	9 c	10 cs	10 sc, cs	10 s, sk	10 n	9.8	8.01	3.7
8	10 n	10 sk	10 sk, s	10 sk	10 sk	10.0	0.68	2.2
9	3 ck, sk	7 k	3 c, k	8 c, cs	0 —	4.2	10.80	5.5
10	7 c, ck	5 k	2 k	5 c, k	0 sk	3.8	10.74	4.7
11	10 sk	10 kn	10 kn	10 kn	0 —	8.0	1.60	4.4
12	0 —	5 k	8 kn, k	8 sk, kn	10 s	6.2	11.27	5.4
13	0 —	0 —	3 k, ck	3 sk	10 s, sc	3.2	11.48	6.4
14	0 —	0 —	6 k	0 k	0 —	1.2	12.00	4.8
15	2 c	0 —	0 ck, k	5 sk, ck	0 —	1.4	10.75	6.8
16	10 kn	10 sk, kn	8 kn, k	5 kn, ck	10 s, kn	8.6	8.00	4.6
17	0 sk	0 sk	0 k	0 sk	0 —	0.0	11.03	5.3
18	10 s, sk	10 sk	7 k, sk	0 sk	0 —	5.4	6.90	3.7
19	3 c	0 —	5 c, k	0 —	0 —	1.6	11.80	5.1
20	0 —	0 —	0 —	0 —	0 —	0.0	11.73	4.7
21	0 —	0 —	0 —	0 —	0 —	0.0	11.50	5.1
22	0 —	0 —	0 —	0 —	0 —	0.0	11.47	5.6
23	0 —	0 —	0 —	0 sk	0 —	0.0	11.55	5.7
24	0 —	0 —	0 —	0 sk	0 —	0.0	11.40	5.0
25	5 c	0 —	0 —	0 —	0 —	1.0	11.22	5.1
26	0 —	1 sk	0 k	2 sk, ck	0 —	0.6	11.10	4.2
27	10 ≡	10 s	10 s, n	10 kn	10 s, kn	10.0	3.22	3.8
28	10 sk	7 sk	4 k, sk	0 sk	0 sk	4.2	8.43	4.3
29	10 sk	6 sk, ck	10 sk, s	8 sk	1 ck	7.0	5.80	4.6
30	9 kc	6 sk, ck	7 sk, k	0 c	0 —	4.4	10.10	3.8
平均 Mean	4.3	3.9	4.4	3.8	2.9	3.8	275.17	143.1

重力ノ更正　Reduction to standard gravity……— 0.2

海面ヘノ更正　Reduction to mean sea level……+ 3.9

長　春

CHANGCHUN.

昭和六年九月　　SEPTEMBER, 1931.

日 Day	氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean
1	39.7	40.1	42.2	41.3	41.7	42.0	41.2
2	42.1	42.1	41.4	39.1	38.8	39.3	40.5
3	38.0	36.4	34.1	34.0	33.3	33.8	34.9
4	33.4	33.2	33.2	32.8	33.1	33.8	33.3
5	33.9	35.0	36.2	37.2	37.0	37.7	36.2
6	37.9	38.8	38.6	38.4	38.6	39.4	38.6
7	39.3	39.5	38.8	37.4	36.5	36.5	38.0
8	36.5	36.8	37.8	37.2	37.2	37.6	37.2
9	36.4	36.1	35.4	36.5	37.6	38.7	36.8
10	39.9	40.2	40.0	38.7	38.4	38.3	39.3
11	37.4	36.8	34.8	32.9	31.6	31.9	34.2
12	30.5	29.9	30.5	30.1	30.6	31.6	30.5
13	31.8	32.0	32.7	33.0	33.7	34.6	33.0
14	35.4	36.9	40.2	40.7	41.9	43.5	39.8
15	44.0	45.0	46.1	45.6	45.2	44.9	45.1
16	44.3	43.7	41.4	41.1	42.4	43.6	42.8
17	43.1	42.5	40.7	38.2	38.2	40.9	40.6
18	40.1	41.4	41.5	41.5	41.8	42.0	41.4
19	41.4	41.1	41.1	39.7	39.7	40.0	40.5
20	39.0	38.6	39.3	38.9	39.9	40.7	39.4
21	41.0	41.1	41.5	39.7	40.2	40.6	40.7
22	40.8	41.2	41.0	40.4	41.2	42.6	41.2
23	42.5	43.2	42.9	41.4	42.5	43.4	42.7
24	43.8	44.7	44.9	43.3	43.6	43.1	43.9
25	42.7	43.2	42.1	41.6	40.0	39.2	41.5
26	39.2	39.9	40.2	39.9	40.4	41.5	40.2
27	40.3	38.9	37.1	34.5	33.6	36.0	36.7
28	37.2	37.9	37.2	34.8	34.0	33.0	35.7
29	31.6	30.5	30.3	30.0	31.7	33.0	31.2
30	33.8	34.0	36.2	37.0	38.5	39.5	36.5
平均 Mean	38.6	38.7	38.6	37.9	38.1	38.8	38.4

日 Day	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h.
1	SSW	1.4	SSW	0.7	WSW	1.9	S	1.8	S	0.8	—	0.4	1.3
2	S	0.7	S	1.3	S	1.2	SE	3.5	SSE	2.3	SSE	1.2	1.6
3	SSE	3.1	SE	3.0	SE	2.7	S	2.1	SW	0.9	SW	2.0	2.0
4	SW	1.9	SW	2.2	SW	5.8	SW	4.1	S	2.3	SW	0.6	2.8
5	SW	2.9	SW	2.1	W	4.3	W	4.3	W	1.4	—	0.0	2.4
6	—	0.4	WNW	0.7	WSW	0.9	S	2.3	S	0.9	—	0.0	0.6
7	—	0.1	—	0.2	S	2.1	S	3.2	S	1.9	SSW	3.4	1.2
8	SW	3.1	WSW	3.7	SW	4.1	S	2.5	S	1.5	SSW	1.9	2.8
9	SSW	2.5	SSW	2.9	SW	4.7	SW	6.4	SW	2.6	SW	1.8	3.2
10	WSW	2.6	WSW	0.8	SW	1.3	SW	2.9	SW	0.9	SW	0.8	1.4
11	SSW	1.1	SSW	1.5	S	3.4	SW	2.7	S	2.7	SSW	1.5	2.3
12	SSW	2.1	SW	2.6	W	5.3	WSW	6.4	SSW	3.7	SW	3.1	3.1
13	SW	3.4	SSW	3.5	SW	5.3	SW	5.3	S	2.9	SW	3.2	3.4
14	W	1.9	W	3.7	W	3.5	W	3.9	W	0.6	SW	1.1	2.3
15	SW	1.0	—	0.4	NE	1.5	NW	0.9	—	0.0	—	0.0	0.6
16	S	3.2	SW	2.9	SW	5.5	W	5.8	N	1.6	W	0.5	2.5
17	—	0.0	WSW	2.0	SSW	4.7	SSW	4.1	S	3.4	NW	2.6	2.4
18	—	0.4	N	2.2	—	0.0	WNW	1.4	W	1.4	WNW	1.1	1.2
19	W	2.2	SW	2.3	—	0.0	W	2.1	W	1.9	W	2.8	1.5
20	WSW	0.8	W	1.1	W	2.1	NW	0.5	—	0.0	—	0.0	0.7
21	—	0.0	—	0.0	—	0.0	SW	1.2	SW	2.2	SW	3.1	1.0
22	SW	2.3	SW	2.4	SW	3.3	SW	3.5	—	0.3	SSW	2.5	2.3
23	SSW	1.8	SSW	1.4	SW	3.2	SW	4.1	SSW	1.4	SW	3.5	2.6
24	SW	3.7	SW	0.6	S	1.8	SW	3.1	SW	1.2	SW	0.7	1.9
25	SW	1.3	SW	1.3	SSW	2.2	SW	3.4	SW	1.1	SW	1.2	1.8
26	SW	1.2	SW	1.6	W	1.8	N	3.5	N	3.2	NE	2.6	2.1
27	NE	2.6	NE	2.2	S	2.1	S	2.6	—	0.4	W	4.8	2.2
28	W	3.9	W	3.2	WNW	4.7	WNW	5.0	W	1.6	W	2.6	3.1
29	W	1.8	W	2.2	WSW	5.8	WSW	3.9	WSW	2.6	W	1.5	3.1
30	W	2.9	W	3.1	W	2.8	W	3.9	WSW	0.8	SW	1.8	2.8
平均 Mean		1.9		1.9		2.9		3.3		1.6		1.7	2.2

日 Day	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
1	0.7	2.0	—	—	0.0	—	2.7
2	—	—	—	—	—	—	—
3	0.0	1.9	0.3	0.2	3.8	—	6.2
4	0.4	—	—	—	—	—	0.4
5	—	0.5	0.3	—	—	—	0.8
6	—	—	—	0.2	1.5	—	1.7
7	—	—	—	—	—	0.3	0.3
8	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—
11	—	—	—	0.2	0.2	—	0.4
12	—	—	—	—	—	0.2	0.2
13	—	—	—	—	0.0	—	0.0
14	—	—	—	—	—	0.7	0.7
15	—	—	—	—	—	—	—
16	2.3	—	—	—	—	—	2.3
17	—	—	—	—	—	—	—
18	3.5	0.8	0.2	—	—	—	4.5
19	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—
26	—	—	—	0.0	—	—	0.0
27	—	0.0	—	—	9.5	6.7	16.2
28	0.9	0.6	0.3	—	—	—	1.8
29	—	0.3	0.6	0.3	0.3	0.0	1.5
30	—	0.9	0.7	0.8	—	—	2.4
平均 Mean	7.8	7.0	2.4	1.7	15.3	7.9	42.1

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range
1	19.4	19.0	24.1	28.4	23.0	19.0	22.2	28.7	18.7	10.0
2	17.6	17.2	24.5	24.2	20.5	18.4	20.4	26.0	16.5	9.5
3	17.0	15.2	17.5	19.6	15.9	14.2	16.6	19.7	14.0	5.7
4	14.5	12.8	20.7	21.0	19.0	15.7	17.3	23.2	12.5	10.7
5	15.4	14.9	20.1	20.5	15.6	12.4	16.5	21.3	11.8	9.5
6	10.5	15.6	22.7	18.4	16.1	13.8	16.2	24.8	10.0	14.8
7	12.3	11.2	22.7	23.2	19.4	18.4	17.9	24.5	10.5	14.0
8	16.3	15.7	19.3	25.0	20.9	18.1	19.2	25.9	12.6	13.3
9	16.8	16.9	24.3	24.9	18.4	14.6	19.3	26.3	13.3	13.0
10	12.7	11.8	24.6	25.8	18.9	15.0	18.1	26.7	11.5	15.2
11	13.1	14.0	22.5	19.8	16.2	14.6	16.7	24.2	12.5	11.7
12	12.4	10.0	17.4	18.9	14.2	11.8	14.1	20.0	9.5	10.5
13	9.8	9.5	17.7	17.6	16.8	14.1	14.3	20.0	9.2	10.8
14	9.7	9.7	18.5	21.3	16.9	13.1	14.9	21.7	9.2	12.5
15	11.1	9.8	18.9	21.2	15.6	13.6	15.0	23.0	9.5	13.5
16	13.2	15.6	21.4	20.4	15.7	11.7	16.3	23.3	11.3	12.0
17	9.4	9.1	23.4	27.0	23.0	15.3	17.9	27.4	8.8	18.6
18	13.8	10.6	15.3	17.1	14.0	9.4	13.4	18.3	8.8	9.5
19	7.6	7.5	17.7	20.3	15.3	11.6	13.3	20.7	7.0	13.7
20	11.3	10.6	19.7	24.3	17.3	13.3	16.1	24.8	10.0	14.8
21	12.6	10.7	24.0	26.7	21.6	16.6	18.7	28.7	10.2	18.5
22	13.5	13.9	25.0	29.3	22.3	16.8	20.1	29.8	13.0	16.8
23	14.2	12.9	24.4	27.2	20.6	18.2	19.6	27.7	12.7	15.0
24	14.7	13.4	24.1	27.6	22.5	15.6	19.7	28.2	12.5	15.7
25	12.7	12.5	25.5	27.0	26.2	15.4	19.9	27.4	10.3	17.1
26	12.4	12.6	24.0	21.4	17.3	14.7	17.1	24.3	12.1	12.2
27	13.2	13.1	19.1	21.1	15.2	8.4	15.0	22.4	7.5	14.9
28	6.6	6.6	9.0	11.9	9.4	7.2	8.5	13.1	6.0	7.1
29	4.5	4.6	6.2	10.3	7.4	6.0	6.5	10.7	4.2	6.5
30	5.2	5.4	7.8	10.8	9.7	6.3	7.5	11.2	4.6	6.6
平均 Mean	12.5	12.1	20.1	21.7	17.5	13.8	16.3	23.1	10.7	12.5

日 Day	濕度 (百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean
1	96	98	73	52	63	89	79
2	93	94	68	72	84	87	83
3	90	95	85	79	94	97	90
4	97	97	59	47	50	79	72
5	92	98	69	58	57	82	76
6	90	96	62	98	99	99	91
7	98	100	63	75	81	80	83
8	92	95	85	79	90	94	89
9	100	94	75	84	42	70	78
10	69	77	78	82	87	81	79
11	87	87	89	85	95	93	88
12	90	86	74	85	89	93	86
13	93	87	82	50	43	54	68
14	76	90	74	82	87	99	85
15	97	100	75	50	61	80	77
16	84	93	85	51	94	93	83
17	98	97	76	41	57	73	74
18	92	89	59	52	68	83	74
19	88	91	52	44	60	79	69
20	74	86	57	36	68	80	67
21	82	86	52	46	61	82	68
22	92	96	50	36	53	71	66
23	88	91	50	53	62	80	71
24	88	95	61	53	59	67	69
25	76	81	52	36	57	72	62
26	83	87	67	73	88	98	83
27	100	96	74	61	100	100	89
28	100	100	77	65	83	84	85
29	96	98	92	77	84	84	89
30	88	100	91	76	85	93	89
平均 Mean	90	92	70	63	73	84	79

日 Day	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 6h	10h	14h	18h	22h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE	蒸發量 (粍) AMOUNT OF EVAPORATION
1	10 sk	4 sk	10 sk	10 sk	0 —	6.8	8.90	4.1
2	10 sc	10 cs	10 sc	10 cs, sk	10 sk	10.0	0.00	3.6
3	10 n	10 s	10 sc	10 s	10 s	10.0	0.00	2.2
4	0 —	0 s	10 sk	10 sc	10 sk	6.0	10.00	5.3
5	10 n	5 sk	10 sk	0 —	0 —	5.0	10.60	5.8
6	0 —	10 k	10 n	0 sk	0 —	4.0	6.50	3.9
7	0 —	10 cs	10 sc	10 s	10 s	8.0	7.30	3.5
8	0 —	10 sk	5 sk	10 c	0 —	5.0	7.30	5.5
9	4 sk	1 sk	0 c	0 —	0 —	1.0	11.00	6.9
10	0 —	0 —	0 —	1 c	0 —	0.2	11.95	6.0
11	10 cs, sk	10 sk	10 s	10 sc	10 sc	10.0	4.75	2.4
12	0 —	9 sk	9 sk	8 sk	0 —	5.2	7.50	6.2
13	0 —	0 —	10 s	10 s	10 sk	6.0	6.80	5.1
14	10 sk	1 sk	10 sk	0 sk	0 —	4.2	9.90	4.2
15	6 sk	4 sk	0 —	3 sk	6 sk	3.8	9.00	3.8
16	10 sk	1 s	10 sc	0 —	0 —	4.2	7.85	4.0
17	0 —	0 —	3 sk	10 s	10 ka	4.6	10.40	5.5
18	10 n	10 cs	6 sk	0 sk	0 —	5.2	6.30	3.7
19	0 —	0 —	4 sk	0 —	0 —	0.8	11.60	6.0
20	0 —	0 —	0 —	0 —	0 —	0.0	11.40	6.6
21	0 —	0 —	0 —	0 —	0 —	0.0	11.30	6.0
22	0 —	0 —	0 —	0 —	0 —	0.0	10.80	7.2
23	0 —	0 —	0 —	0 —	0 —	0.0	10.90	7.6
24	0 —	0 —	0 c	0 c	0 c	0.0	10.70	6.0
25	1 c	0 —	0 —	0 —	0 —	0.2	10.20	7.5
26	2 c	10 sk	3 sc	7 sc	10 s	6.4	5.60	3.2
27	10 sc	10 cs, cs	10 s	10 n	10 n	10.0	0.00	6.7
28	10 n	10 sk	8 sk	10 sk	10 sc	9.6	4.70	6.2
29	10 n	10 sk	10 sk, s	10 s	10 s	10.0	0.00	1.4
30	10 n	10 s	10 s	10 sc	0 —	8.0	0.00	1.2
平均 Mean	4.4	4.8	5.9	5.0	3.9	4.8	223.25	147.3

* 重力ノ更正　Reduction to standard gravity ····· −0.1
海面ヘノ更正　Reduction to mean sea level ····· +19.0

旅　順

昭和六年九月　　RYOJUN.　　SEPTEMBER, 1931

日 Day	氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	54.3	54.5	53.6	54.1	SSE	1.3	SE	4.7	SE	2.9	3.0	—	—	—	—
2	53.2	51.2	48.9	51.1	SE	5.8	ESE	5.8	ESE	5.8	3.6	—	18.9	10.5	29.4
3	48.0	48.6	50.1	48.9	NE	2.7	W	8.1	W	5.8	5.5	0.3	—	—	0.3
4	50.4	50.7	50.8	50.6	WSW	2.6	W	6.9	S	3.3	4.3	—	—	—	—
5	51.4	50.9	51.3	51.2	NNW	1.5	WSW	4.7	N	0.9	2.4	0.6	12.7	—	13.3
6	52.4	52.6	53.3	52.8	WNW	0.9	S	2.1	—	0.2	1.7	—	—	—	—
7	52.8	51.7	51.4	52.0	—	0.4	S	2.3	SSW	2.9	2.5	—	—	—	—
8	50.7	51.0	51.2	51.0	SSW	3.2	W	4.8	—	0.4	3.3	—	0.2	—	0.2
9	51.6	52.1	52.6	52.1	W	4.7	W	5.3	—	0.4	2.1	0.0	0.0	—	0.0
10	53.1	52.9	52.1	52.7	NW	1.8	W	1.5	—	0.1	1.4	0.0	0.8	—	0.8
11	50.4	48.6	48.1	49.0	SW	1.8	W	5.8	WNW	9.3	5.1	—	—	—	—
12	48.5	49.4	50.1	49.3	WNW	5.8	WNW	11.1	WSW	1.8	7.3	—	—	—	—
13	51.1	51.4	52.2	51.6	WNW	4.7	W	3.2	W	3.5	3.3	—	—	—	—
14	53.5	55.0	57.4	55.3	—	0.2	WSW	8.8	SW	1.2	3.1	—	—	—	—
15	58.0	58.7	58.8	58.5	ESE	0.6	SSE	4.7	S	1.7	2.2	—	—	—	—
16	59.0	58.6	57.8	58.5	SW	2.9	WSW	4.1	SE	0.8	3.1	—	—	—	—
17	57.1	56.0	55.9	56.3	WSW	5.0	WSW	5.3	SSE	2.3	3.7	—	—	—	—
18	54.9	56.2	57.1	56.1	S	2.9	NNE	6.1	—	0.2	2.8	—	—	4.7	4.7
19	58.2	57.5	56.5	57.4	WNW	1.5	W	7.0	W	4.1	4.0	—	—	—	—
20	55.2	54.5	54.6	54.8	WSW	6.6	WSW	7.0	—	0.2	5.6	—	—	—	—
21	54.9	55.3	55.9	55.4	WSW	1.4	W	6.1	—	0.0	2.1	—	—	—	—
22	55.9	56.0	56.8	56.2	SW	0.9	SSE	4.1	—	0.4	1.2	—	—	—	—
23	56.9	57.5	57.3	57.2	—	0.1	SSE	2.8	SE	1.6	1.8	—	—	—	—
24	57.6	57.9	56.0	57.2	SE	1.5	SSE	3.6	ENE	3.0	2.2	—	—	—	—
25	55.0	53.9	53.5	54.1	E	0.7	SE	2.7	ESE	1.8	1.8	—	—	—	—
26	52.6	52.4	52.9	52.6	ESE	1.1	SSE	2.1	—	0.0	1.5	—	—	—	—
27	51.5	49.6	51.1	50.7	N	0.5	SSE	3.0	NNW	2.5	2.4	—	—	1.3	1.3
28	53.6	54.2	53.3	53.7	N	4.1	NNW	9.1	WNW	2.9	6.0	0.9	—	0.0	0.9
29	51.8	50.8	51.8	51.5	NW	6.4	W	13.4	W	5.8	7.7	0.0	1.2	—	1.2
30	52.3	54.8	56.6	54.6	WNW	4.1	WNW	7.9	WSW	1.8	3.3	—	—	—	—
平均 Mean	53.5	53.5	53.6	53.5		2.6		5.5		2.3	3.4	1.8	33.8	16.5	52.1

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION. (mm)
1	21.2	25.0	22.2	22.8	26.3	20.5	5.8	98	74	90	87	3 sk, s	6 ck, k	10 sk	6.3	9.25	4.0
2	21.8	17.6	17.8	19.1	23.0	15.7	7.3	61	100	97	86	10 sk	10 n	10 s	10.0	0.00	3.2
3	16.6	22.7	20.2	19.8	23.9	15.8	8.1	98	73	72	81	0 sk	9 sk, k	0 —	3.0	10.90	5.6
4	18.6	25.4	20.2	21.4	25.9	17.9	8.0	95	70	91	85	0 —	1 ck, sk	0 —	0.3	12.23	2.7
5	19.7	25.8	19.9	21.8	26.4	16.3	18.1	73	80	98	84	10 kn	10 sk	10 s	10.0	6.30	3.6
6	19.2	27.2	20.4	22.3	27.9	18.1	9.8	100	50	83	78	0 s	0 k	0 —	0.0	12.10	5.5
7	20.6	26.0	21.8	22.8	27.1	18.9	8.2	81	67	84	77	9 ck, cs	9 ck, c	3 c	7.0	9.25	4.2
8	20.9	24.6	21.5	22.3	26.0	20.1	5.9	95	81	98	91	10 sk	10 kc, sk	10 sk	10.0	3.40	2.5
9	21.0	26.4	21.4	22.9	27.5	19.7	7.8	91	68	94	84	10 n	0 k	10 sk	6.7	8.23	3.5
10	21.6	24.3	19.6	21.8	24.6	19.0	5.6	78	81	92	84	10 n	10 s, sk	5 cs	8.3	1.15	2.0
11	19.0	23.0	18.9	20.3	23.2	18.1	5.1	92	79	58	76	10 ck, sk	10 sk	10 sk	10.0	3.72	6.6
12	17.2	22.3	17.8	19.1	23.2	17.0	6.2	57	36	50	48	0 —	0 k	0 —	0.0	11.90	7.8
13	17.8	24.9	18.9	20.5	25.9	16.1	9.8	54	33	70	52	0 —	0 —	0 —	0.0	11.68	5.6
14	18.4	25.2	20.2	21.3	26.0	17.7	8.3	92	62	87	80	0 —	0 —	7 —	0.0	11.60	4.7
15	19.0	25.2	19.8	21.3	26.2	17.5	8.7	90	68	81	80	10 cs	0 k	0 —	3.3	11.40	5.0
16	18.8	25.4	18.6	20.9	26.1	17.6	8.5	83	54	81	73	0 —	0 —	0 —	0.0	11.45	5.2
17	18.8	25.4	19.7	21.3	26.7	17.5	9.2	85	60	82	76	0 —	0 sk	0 —	0.0	11.40	4.5
18	19.4	18.0	15.6	17.7	25.7	13.7	12.0	77	72	74	74	10 cs, sk	10 k, sk	0 —	6.7	4.80	3.0
19	17.2	23.6	17.9	19.6	23.9	14.7	9.2	63	47	74	61	0 —	0 —	0 —	0.0	10.95	5.4
20	18.6	24.2	19.0	20.6	24.7	16.3	8.4	80	50	49	60	0 —	0 —	0 —	0.0	11.20	4.8
21	18.4	25.8	18.4	20.9	26.3	17.5	8.8	85	55	98	79	0 —	0 —	5 c	1.7	11.30	4.4
22	17.6	23.8	18.4	19.9	24.9	16.8	8.1	95	66	92	84	0 —	0 —	0 —	0.0	11.23	4.2
23	18.0	24.2	18.7	20.3	25.2	17.2	8.0	98	63	83	81	0 c	3 c	0 —	1.0	11.30	4.6
24	18.4	24.6	19.3	20.8	25.3	16.7	8.6	89	56	92	79	0 —	0 —	0 —	0.0	11.20	3.9
25	18.4	25.6	19.2	21.1	26.5	17.6	8.9	98	59	90	82	0 kc	0 k, sk	2 sk	0.7	10.33	4.2
26	17.3	25.2	18.6	20.4	25.7	16.3	9.4	91	61	91	81	0 —	7 k, sk	0 —	2.3	10.80	4.0
27	19.2	23.6	19.9	20.9	24.8	17.5	7.3	89	67	97	84	7 sk	10 sc	10 kn	9.0	5.63	4.6
28	12.6	15.7	13.8	14.0	19.9	13.5	6.4	59	30	42	44	0 sk	2 k, c	5 sk	2.3	10.11	8.7
29	10.3	16.2	15.2	13.9	17.2	9.3	7.9	61	31	39	44	10 n	7 sk	0 —	5.7	6.88	4.9
30	14.0	17.2	13.2	14.8	18.6	12.0	6.6	39	37	58	45	8 sk	0 sk	0 —	2.7	9.60	5.0
平均 Mean	18.3	23.5	18.9	20.2	24.8	16.7	8.1	82	61	80	74	3.9	3.8	3.0	3.6	271.29	137.7

重力ノ更正　Reduction to standard gravity……— 0.4
海面ニノ更正　Reduction to mean sea level……+ 7.0

鞍　山

昭和六年九月　　ANSHAN.　　SEPTEMBER, 1931.

日 Day	氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	57.2	58.2	58.5	58.0	—	0.0	ESE	1.5	—	0.0	1.7	—	—	—	—
2	56.7	56.6	55.4	56.2	—	0.0	SSW	2.1	SE	1.8	2.0	—	0.9	0.2	1.1
3	50.8	50.5	50.3	50.5	—	0.0	WSW	2.7	SSW	4.1	2.8	2.9	0.8	—	3.7
4	51.4	51.5	52.3	51.7	SSW	2.6	SW	7.3	SSW	5.3	4.8	—	—	—	—
5	52.8	53.1	53.3	53.1	SSW	3.5	SW	2.1	SE	1.5	3.0	—	—	—	—
6	55.9	55.6	55.1	55.5	SSW	3.2	WNW	3.0	S	0.9	1.8	—	—	—	—
7	55.6	54.8	54.3	54.9	SSW	1.8	SW	5.8	SW	2.2	2.8	—	—	—	—
8	54.4	55.0	53.6	54.3	SSE	1.1	E	0.9	SSW	2.3	1.5	9.1	1.6	—	10.7
9	53.5	54.6	56.7	54.9	SW	2.4	W	1.8	ESE	1.1	2.0	—	—	—	—
10	55.1	55.4	55.5	55.3	E	1.2	SSW	1.4	—	0.0	1.7	—	—	4.1	4.1
11	53.7	49.8	49.3	50.9	S	1.4	S	5.8	SSW	3.3	3.3	—	—	4.0	4.0
12	50.5	50.2	49.4	50.0	SSW	2.1	SW	4.1	SSW	5.9	3.5	—	—	—	—
13	51.1	52.8	54.3	52.7	SSW	3.4	SW	5.3	SSW	5.8	4.8	0.2	—	—	0.2
14	55.9	58.6	60.5	58.3	SSW	2.3	SSW	2.1	SW	1.8	1.8	—	—	—	—
15	62.5	62.0	61.5	62.0	—	0.0	S	1.7	S	2.8	1.9	—	—	—	—
16	60.5	59.5	60.3	60.1	SSW	4.1	SSW	8.8	—	0.0	4.3	—	—	6.7	6.7
17	58.6	57.3	56.9	57.6	SSW	1.3	SSW	7.0	SSW	2.1	4.5	—	—	—	—
18	57.7	60.4	61.1	59.7	—	0.0	SW	1.8	—	0.0	2.9	—	22.8	—	22.8
19	59.8	59.0	57.6	58.8	SW	1.7	SW	4.7	S	3.0	2.9	—	—	—	—
20	57.5	56.5	56.3	56.8	SSW	2.9	SW	4.4	S	1.7	3.5	—	—	—	—
21	56.8	57.1	57.9	57.3	S	2.0	SSW	5.3	SSW	2.0	2.9	—	—	—	—
22	58.0	59.0	59.8	58.9	SW	2.3	WSW	5.3	SSW	1.3	2.6	—	—	—	—
23	60.1	60.2	60.3	60.2	SSW	2.0	SW	5.3	SW	2.4	3.0	—	—	—	—
24	61.5	61.7	60.6	61.3	SW	0.7	SW	4.1	S	1.7	1.5	—	—	—	—
25	59.7	57.8	56.5	58.0	—	0.3	SW	4.0	S	1.5	1.4	—	—	—	—
26	56.2	55.5	56.1	55.9	S	0.9	WSW	1.5	—	0.0	1.4	—	—	—	—
27	54.6	52.8	57.3	54.9	ENE	1.2	SW	4.7	SE	4.7	3.0	—	—	7.9	7.9
28	57.6	55.3	54.9	55.9	NNE	3.8	NW	5.8	SW	2.3	3.3	0.4	—	—	0.4
29	53.9	51.7	53.7	53.1	SW	2.9	WSW	5.3	SW	2.9	3.3	—	—	—	—
30	53.9	56.5	58.7	56.4	SW	1.8	W	3.6	SSE	1.8	2.6	—	—	—	—
平均 Mean	56.1	56.0	56.3	56.1		1.8		4.0		2.2	2.8	12.6	26.1	22.9	61.6

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	發蒸量 (粍) AMOUNT OF EVAPORATION.
1	16.5	28.7	22.8	22.7	29.7	16.1	13.6	95	45	81	74	0 —	5 cs	10 sk	5.0	9.80	4.7
2	19.5	21.1	17.5	19.4	23.2	17.1	6.1	91	80	89	87	10 cs	10 n	10 n	10.0	0.00	1.7
3	15.9	22.1	19.8	19.3	23.5	15.3	8.2	93	61	71	75	10 sk	8 sk	9 sk	9.0	6.80	4.1
4	13.6	26.2	20.7	20.2	27.2	13.0	14.2	75	25	48	49	0 —	1 k	0 —	0.3	11.40	8.6
5	19.3	27.6	19.2	22.0	27.6	18.7	8.9	75	42	68	62	1 ck	2 k	0 —	1.0	10.30	5.7
6	16.0	26.4	19.9	20.8	27.1	14.8	12.3	78	42	70	63	0 —	5 k	0 —	1.7	12.00	5.4
7	17.3	27.6	22.3	22.4	28.0	16.1	11.9	84	40	71	65	5 cs	9 cs	7 sk	7.0	7.70	5.1
8	17.7	21.1	20.7	19.8	24.3	17.3	7.0	95	87	78	87	10 n	10 sk	10 sk	10.0	0.30	1.7
9	18.7	27.4	19.3	21.8	28.5	17.6	10.9	79	48	66	64	4 sk	5 sc	5 sk	4.7	9.00	4.7
10	17.3	24.6	19.5	20.5	27.8	16.4	11.4	64	58	87	70	9 cs	8 sk	0 —	5.7	6.35	3.9
11	17.3	20.9	18.7	19.0	23.3	16.6	6.7	88	78	83	83	7 sk	0 —	10 sk	5.7	0.80	4.3
12	11.3	20.9	17.9	16.7	22.3	10.9	11.4	79	36	46	54	0 —	8 sk	10 n	6.0	11.80	5.8
13	11.7	23.0	18.7	17.8	23.7	10.5	13.2	77	22	62	54	0 —	2 sk	0 —	0.7	10.20	5.9
14	13.5	24.8	16.5	18.3	26.0	11.9	14.1	85	36	71	64	0 —	0 —	0 —	0.0	11.90	4.7
15	12.0	28.1	20.7	20.3	28.5	11.6	16.9	83	32	48	54	4 sk	5 ck	0 —	3.0	9.30	5.9
16	20.1	26.4	18.6	21.7	27.3	18.1	9.2	65	54	79	66	6 sk	6 k	4 sk	5.3	7.70	7.3
17	19.3	27.8	20.3	22.5	28.3	17.8	10.5	69	41	70	60	0 —	1 k	0 —	0.3	11.40	9.2
18	18.6	18.1	11.7	16.1	21.7	11.7	10.0	65	59	87	70	10 sk	9 cs	0 —	6.3	2.40	3.2
19	9.9	22.8	16.3	16.3	24.2	9.3	14.9	82	31	69	61	0 —	0 —	0 —	0.0	11.10	5.4
20	15.7	27.2	17.9	20.3	27.8	15.1	12.7	63	36	78	59	0 —	0 —	0 —	0.0	11.10	5.9
21	15.3	28.9	20.3	21.5	29.4	14.9	14.5	74	40	77	64	0 —	0 —	0 —	0.0	10.70	7.0
22	16.9	27.8	19.1	21.3	28.7	16.1	12.6	62	32	77	57	0 —	0 —	0 —	0.0	11.10	7.0
23	13.1	27.4	19.0	19.8	28.3	12.6	15.7	83	35	82	67	0 —	0 —	0 —	0.0	10.90	6.6
24	11.3	27.6	18.1	19.0	29.0	10.5	18.5	81	25	76	61	0 —	0 —	0 —	0.0	12.00	6.7
25	10.3	27.7	17.9	18.8	29.0	10.3	18.7	92	32	70	65	0 —	0 —	0 —	0.0	10.50	6.4
26	12.7	27.2	20.1	20.0	27.7	11.8	15.9	87	32	76	65	0 —	0 —	0 —	0.0	10.40	5.7
27	16.5	28.5	10.9	18.6	28.5	10.4	18.1	91	32	85	69	10 sk	9 sk	10 n	9.7	0.70	6.1
28	8.3	15.3	8.9	10.8	15.8	7.9	7.9	81	36	60	59	10 n	5 k	0 —	5.0	6.70	4.7
29	5.9	13.7	9.8	9.8	15.4	4.5	10.9	65	31	58	51	2 sk	10 sk	2 sk	4.7	4.80	4.8
30	8.7	16.5	11.1	12.1	18.6	7.7	10.9	64	36	62	54	10 sk	7 k	0 —	5.7	4.90	4.6
平均 Mean	14.7	24.4	17.8	19.0	25.7	13.4	12.3	79	43	72	64	3.6	4.2	2.9	3.6	244.05	162.8

* 重力ノ更正　Reduction to standard gravity……— 0.3
海面ヘノ更正　Reduction to mean sea level……+ 3.5

鄭家屯

昭和六年九月 CHENGCHIATUN. SEPTEMBER, 1931.

日 Day	氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	53.0	53.1	52.6	52.9	SSW	1.9	WSW	2.9	—	0.0	1.7	—	—	—	—
2	52.9	50.5	50.2	51.2	—	0.0	—	0.1	SSW	1.3	0.7	—	—	3.3	3.3
3	47.2	43.9	43.4	44.8	SW	0.8	WNW	2.6	SSW	2.7	1.6	1.0	0.7	1.8	3.5
4	43.8	43.6	44.8	44.1	SSW	2.8	WSW	5.7	SW	1.1	3.8	0.1	—	—	0.1
5	46.2	48.3	47.1	47.2	—	0.1	NW	3.7	—	0.0	1.9	—	—	—	—
6	49.6	49.8	50.0	49.8	—	0.0	WNW	2.2	NNE	0.9	1.3	—	—	—	—
7	50.1	47.2	45.8	47.7	—	0.0	S	4.7	SSW	3.4	1.9	—	—	1.9	1.9
8	47.6	48.0	47.4	47.7	SSW	4.7	SSW	4.3	SSW	2.8	3.8	—	—	—	—
9	46.6	48.8	50.5	48.6	SW	5.1	WNW	6.2	WSW	1.5	4.0	—	—	—	—
10	50.8	49.8	48.7	49.8	—	0.2	W	1.9	S	1.6	1.0	—	—	—	—
11	46.6	42.2	42.3	44.0	SSW	2.5	WSW	3.2	SSW	2.1	2.3	—	5.4	—	5.4
12	41.1	42.1	42.8	42.0	WNW	3.8	W	6.2	WSW	3.4	3.9	—	—	0.5	0.5
13	43.0	43.0	44.5	43.5	WSW	4.2	W	3.3	WSW	2.4	3.2	—	—	—	—
14	49.0	51.7	54.2	51.6	WNW	0.6	WNW	2.6	—	0.0	1.8	—	—	—	—
15	56.3	55.8	54.5	55.5	—	0.0	SW	1.2	SE	2.3	1.0	—	—	—	—
16	52.7	52.1	54.4	53.1	SW	2.9	WNW	7.5	—	0.4	4.0	10.6	0.0	—	10.6
17	52.2	50.0	51.2	51.1	S	1.1	WSW	6.0	NNW	3.5	2.9	—	—	2.5	2.5
18	51.7	53.5	53.7	53.0	NNE	2.9	NNW	4.9	WNW	1.6	3.0	15.8	0.1	—	15.9
19	52.5	51.3	50.8	51.5	NW	0.9	NNW	4.7	—	0.0	1.3	—	—	—	—
20	49.9	49.9	50.8	50.2	—	0.0	—	0.0	—	0.0	0.7	—	—	—	—
21	51.3	50.9	51.0	51.1	SE	0.8	SSW	2.3	SSW	1.9	1.4	—	—	—	—
22	51.0	50.5	52.8	51.4	SSW	2.3	SW	4.6	SSW	2.1	2.8	—	—	—	—
23	53.1	52.1	52.8	52.7	—	0.0	SSW	6.0	SSW	3.9	3.1	—	—	—	—
24	54.2	54.7	55.0	54.6	SSW	2.0	WSW	2.1	SSW	2.0	2.5	—	—	—	—
25	53.3	51.2	50.7	51.7	SSW	2.1	SSW	4.2	SSW	2.0	2.4	—	—	—	—
26	50.2	51.5	53.0	51.6	SSW	1.8	NNE	1.2	NE	4.6	3.0	—	1.0	—	1.0
27	50.2	46.6	49.6	48.8	ENE	6.3	WNW	4.1	N	4.4	3.1	—	14.6	14.7	29.3
28	50.4	48.5	46.2	48.4	NW	3.3	NNW	5.5	WNW	3.7	4.4	0.2	—	—	0.2
29	43.3	42.0	44.1	43.1	NW	3.5	WNW	4.1	WNW	2.4	4.5	0.4	—	—	0.4
30	46.3	48.1	50.0	48.1	NW	2.8	WNW	3.9	—	0.2	2.7	0.1	0.4	—	0.5
平均 Mean	49.5	49.1	49.5	49.4		2.0		3.7		1.9	2.5	28.2	22.2	24.7	75.1

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	18.9	26.6	19.0	21.5	27.9	18.8	9.1	99	56	85	80	10 Ξ	2 k	3 c	5.0	7.97	3.9
2	17.6	24.8	18.1	20.2	25.0	17.6	7.4	98	68	95	87	10 n	10 n, kn	10 Ξ	10.0	1.32	2.2
3	16.0	16.3	13.9	15.4	19.7	13.9	5.8	95	85	92	91	10 n	10 n	6 n, kc	8.7	2.21	2.7
4	11.8	21.3	16.6	16.6	22.9	11.7	11.2	92	39	74	68	0 —	9 n, kn	10 n	6.3	7.93	4.8
5	15.4	21.8	15.6	17.6	23.2	14.8	8.4	87	50	87	75	7 kc, ck	3 k	0 —	3.3	11.64	5.2
6	11.7	24.3	15.8	17.3	25.2	11.7	13.5	99	47	85	77	0 —	3 k, kn	0 —	1.0	11.48	4.9
7	10.7	22.9	18.1	17.2	23.7	10.7	13.0	99	63	92	85	0 —	10 n	5 kn	5.0	3.91	2.8
8	16.6	23.9	18.4	19.6	24.7	16.4	8.3	95	66	92	84	10 n	1 k	0 —	3.7	8.98	4.9
9	18.4	24.1	15.2	19.2	24.2	15.1	9.1	93	33	72	66	8 n	0 c	0 —	2.7	11.67	6.3
10	8.1	25.7	15.6	16.5	26.5	8.0	18.5	97	31	78	69	0 —	0 —	0 —	0.0	11.51	4.9
11	17.5	20.9	15.6	18.0	21.2	13.3	7.9	96	66	96	86	10 n	9 kn, kc	0 —	6.3	4.22	2.7
12	10.4	18.9	12.8	14.0	20.5	10.3	10.2	78	40	64	61	0 —	6 k, kn	0 —	2.0	8.52	4.2
13	8.1	20.5	13.0	13.9	21.7	7.9	13.8	86	31	72	63	0 —	9 c, k, kn	0 —	3.0	8.44	5.1
14	9.8	21.5	14.7	15.3	23.0	9.7	13.3	86	43	83	71	0 —	2 c	0 —	0.7	10.83	4.3
15	9.9	22.3	17.0	16.4	23.6	9.6	14.0	94	46	67	69	0 —	4 cs, kc	10 n	4.7	11.53	6.4
16	15.2	21.1	12.8	16.4	21.7	12.3	9.4	86	40	78	68	10 n	0 c	0 —	3.3	10.21	3.7
17	10.1	25.3	16.6	17.3	26.8	9.0	17.8	94	58	74	75	10 n, kn	8 c, k	10 Ξ	9.3	7.86	3.4
18	12.9	17.2	11.1	13.7	18.4	11.1	7.3	81	47	85	71	10 n	0 —	0 —	3.3	8.60	3.6
19	8.1	20.6	12.3	13.7	21.7	7.8	13.9	86	37	80	68	0 —	1 k	0 —	0.3	11.24	4.1
20	7.2	23.5	14.8	15.2	25.4	6.8	18.6	94	39	82	72	0 —	0 —	0 —	0.0	11.67	3.7
21	12.1	24.3	18.0	18.1	25.6	11.3	14.3	100	59	85	81	0 —	0 —	0 —	0.0	10.63	4.1
22	16.2	27.5	15.3	19.7	27.7	15.3	12.4	94	43	77	71	10 n	0 —	0 —	3.3	10.20	5.0
23	14.2	25.2	19.6	19.7	25.9	14.0	11.9	93	50	63	69	0 —	0 —	0 —	0.0	8.36	5.4
24	14.2	20.3	15.7	16.7	26.5	14.1	12.4	94	94	77	88	0 —	0 —	0 —	0.0	10.47	4.7
25	11.0	25.0	15.6	17.2	25.6	10.6	15.0	92	38	72	67	0 —	0 —	0 —	0.0	11.00	4.6
26	13.7	17.9	14.0	15.2	20.8	13.3	7.5	91	77	89	86	8 n, kc	10 ck, kn	0 —	6.0	2.68	1.9
27	11.9	15.0	7.9	11.6	17.9	7.8	10.1	96	96	95	96	10 n	10 Ξ	10 n	10.0	0.25	2.8
28	6.7	13.2	8.0	9.3	14.0	6.2	7.8	87	42	65	65	10 n	5 k	10 kc, kn	8.3	7.95	3.4
29	6.0	11.7	7.5	8.4	13.6	5.4	8.2	78	100	64	81	10 n	10 n	10 n, kc	10.0	2.78	2.9
30	5.9	12.9	7.2	8.7	16.1	5.7	10.4	85	51	76	71	10 n, kc	5 c, k	0 —	5.0	5.22	3.1
平均 Mean	12.2	21.2	14.5	16.0	22.7	11.3	11.4	92	55	80	75	5.1	4.2	2.8	4.0	241.28	121.7

* 重力ノ更正 Reduction to standard gravity ……— 0.1
海面ヘノ更正 Reduction to mean sea level ……+ 10.4

洮南

昭和六年九月 **TAONAN.** SEPTEMBER, 1931.

日 Day	氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	47.4	47.7	48.0	47.7	SSW	0.6	SSW	1.9	SSE	2.6	2.0	—	—	—	—
2	49.2	46.2	46.4	47.3	SE	1.8	SSE	3.7	NE	2.2	2.7	—	—	23.5	23.5
3	42.0	38.7	38.2	39.6	ESE	3.0	SSE	2.1	S	3.9	3.0	10.1	23.0	9.7	42.8
4	36.8	36.1	39.7	37.5	SSE	3.5	S	8.5	WNW	3.8	4.2	1.9	4.2	0.5	6.6
5	42.1	42.8	44.3	43.1	NW	1.3	NW	3.2	NNW	1.3	2.6	—	—	—	—
6	45.4	46.2	46.5	46.0	NNW	2.7	N	4.1	E	1.2	2.5	—	—	—	—
7	45.6	42.5	47.0	45.0	WSW	0.6	SSE	6.7	SW	5.3	3.5	—	—	6.8	6.8
8	42.1	42.7	40.8	41.9	WNW	1.7	SW	4.8	SSW	7.5	3.7	—	—	—	—
9	40.5	42.3	45.4	42.7	SW	5.5	WNW	10.8	WNW	1.7	5.9	—	—	—	—
10	46.5	44.6	43.5	44.9	WNW	1.2	WSW	5.8	S	2.9	2.9	—	—	—	—
11	41.0	39.1	36.0	38.7	S	3.2	E	2.6	NW	1.8	2.9	—	2.4	—	2.4
12	34.7	35.0	36.2	35.3	WSW	5.4	W	7.0	WSW	2.9	5.2	—	—	—	—
13	34.9	36.3	41.0	37.4	SSW	6.0	NW	3.6	NW	2.7	3.7	—	—	1.7	1.7
14	44.7	47.4	50.8	47.6	NNW	3.2	NW	1.3	NNW	1.3	1.9	—	—	1.3	1.3
15	52.0	53.1	51.4	52.2	—	0.0	NW	1.6	SW	3.8	2.4	—	—	—	—
16	46.3	48.6	49.5	48.1	ESE	2.5	NNE	2.6	E	2.9	2.9	1.1	—	—	1.1
17	46.4	45.2	47.3	46.3	SSE	3.6	WNW	3.8	ENE	1.1	2.6	—	—	—	—
18	47.6	48.5	49.1	48.4	W	2.9	NW	6.7	S	3.1	4.2	—	—	—	—
19	47.7	47.1	45.8	46.9	WNW	2.8	NW	4.3	S	3.3	3.4	—	—	—	—
20	46.4	46.3	47.9	46.9	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	48.0	45.4	45.4	46.3	NE	1.5	S	4.5	ENE	2.5	2.9	—	—	1.1	1.1
26	49.0	49.3	49.8	49.4	NNE	6.7	NNE	5.1	NE	2.3	4.2	—	—	—	—
27	48.2	38.1	46.2	44.2	NNE	5.0	N	6.7	NNW	6.8	6.9	—	6.2	2.5	8.7
28	45.3	42.7	41.1	43.0	WNW	2.5	NW	5.3	WNW	2.9	3.6	0.1	—	—	0.1
29	38.1	36.8	39.6	38.2	NW	3.2	NNW	5.5	NNW	3.8	4.1	0.2	—	—	0.2
30	41.6	43.0	46.0	43.5	NW	3.4	NNW	4.4	NW	2.3	3.4	0.4	—	—	0.4
平均 Mean															

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 No. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION. (mm)
1	14.4	25.5	19.4	19.8	26.6	13.9	12.7	99	43	48	63	10 s	10 c, ck	0 —	6.7	7.42	5.6
2	13.3	25.7	16.4	18.5	25.9	13.0	12.9	92	55	96	81	4 c	10 k, n	10 n	8.0	7.65	3.5
3	16.4	16.2	14.5	15.7	16.9	14.5	2.4	96	95	91	94	10 n	10 n	6 kc, sc	8.7	1.05	1.8
4	12.1	15.9	13.1	13.7	18.7	11.6	7.1	93	74	92	86	10 n	10 n	5 sk	8.3	2.72	1.3
5	10.9	19.1	15.8	15.3	22.3	10.8	11.5	96	60	80	79	5 sk	5 k	0 —	3.3	11.85	3.8
6	11.8	21.1	15.5	16.1	22.0	11.5	10.5	93	51	89	78	0 —	8 k	0 —	2.7	12.13	6.3
7	11.1	20.6	16.8	16.2	20.8	11.0	9.8	94	62	75	77	8 sk	10 sk	0 —	6.0	2.93	2.3
8	11.7	24.5	20.3	18.8	26.6	11.6	15.0	94	53	81	76	0 —	0 —	0 —	0.0	12.31	6.1
9	17.6	21.9	14.3	17.9	23.1	14.0	9.1	93	41	65	66	10 n	2 k, ck	0 —	4.0	10.99	6.6
10	8.5	24.8	16.2	16.5	25.4	8.3	17.1	86	34	62	61	0 —	0 —	0 —	0.0	12.22	5.9
11	12.7	15.0	13.5	13.7	19.0	12.5	6.5	85	91	83	86	10 sk, k	8 n	4 n	7.3	3.70	5.8
12	8.9	18.8	10.5	12.7	19.2	8.1	11.1	91	41	73	68	1 sk	5 k	0 —	2.0	12.20	6.1
13	9.2	18.7	11.7	13.2	19.6	9.0	10.6	72	51	83	70	9 cs, c	10 kn, k	0 —	6.3	4.86	2.4
14	7.7	19.7	13.7	13.7	20.6	7.5	13.1	94	55	85	78	1 sc	8 k, ck	6 n	5.0	8.51	3.2
15	10.3	18.6	15.1	14.7	20.1	10.0	10.1	93	57	72	74	2 sc	5 k	10 n	5.7	7.05	3.6
16	12.4	16.7	12.1	13.7	19.4	12.0	7.4	95	59	80	78	10 n	8 c, kn, n	0 —	6.0	7.16	3.3
17	8.3	22.4	12.8	14.5	22.5	8.0	14.5	89	47	77	71	0 —	8 kc, c	10 ck	6.0	9.45	5.2
18	8.3	18.0	12.5	12.9	18.7	7.6	11.1	68	74	61	67	0 —	2 k	6 kc	2.7	12.08	6.4
19	7.5	20.6	14.5	14.2	22.0	6.3	15.7	85	66	58	70	3 c	2 c	0 —	1.7	11.92	6.0
20	8.1	23.3	14.7	15.4	24.5	8.0	16.5	85	36	40	54	0 —	0 —	0 —	0.0	11.23	6.2
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	11.6	26.0	19.3	19.0	27.2	11.4	15.8	90	48	83	74	2 c	3 c	10 kn	5.0	8.58	5.4
26	8.2	14.7	11.7	11.5	19.3	[illegible]	8.5	65	70	84	73	0 —	10 n	6 c	5.3	9.84	2.4
27	6.6	6.3	6.1	6.3	11.8	6.0	5.8	62	92	87	80	10 sk	10 n	10 n	10.0	9.31	1.3
28	5.3	12.7	8.1	8.7	13.4	3.8	9.6	79	48	79	69	7 ck, sk	8 k	10 n	8.3	4.67	3.0
29	6.3	13.4	7.1	8.9	15.0	5.3	9.7	73	63	71	69	10 sk	10 n	10 n	10.0	10.50	3.4
30	6.2	15.1	12.8	11.4	16.2	6.2	10.0	90	42	76	69	10 n	0 —	0 —	3.3	8.65	3.6
平均 Mean																	

… ハ欠測

* 重力ノ更正 Reduction to standard gravity ……— 0.0
海面ヘノ更正 Reduction to mean sea level……+ 13.1

哈爾濱
KHARBIN.

昭和六年九月 SEPTEMBER, 1931.

日 Day	氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	49.4	49.5	49.7	49.5	—	0.1	S	2.1	E	2.2	1.3	—	0.8	6.7	7.5
2	50.1	49.2	48.1	49.1	—	0.2	SE	1.8	SSE	0.6	1.8	—	—	—	—
3	46.2	43.5	41.3	43.7	E	2.3	E	3.3	SE	2.8	1.6	—	4.5	8.2	12.7
4	41.4	40.7	41.3	41.1	ESE	2.1	S	2.0	SSE	2.0	1.2	7.1	0.1	0.6	7.8
5	41.1	41.8	44.5	42.5	S	1.2	WSW	1.3	W	2.6	1.7	—	1.8	5.4	7.2
6	46.5	46.2	46.7	46.5	WSW	0.6	W	0.8	SSW	0.8	0.9	—	—	0.2	0.2
7	47.1	46.0	44.6	45.9	—	0.1	SSE	2.7	SE	1.2	1.3	—	—	1.2	1.2
8	42.8	44.1	44.7	43.9	S	4.1	WSW	3.7	S	1.4	2.2	4.7	—	—	4.7
9	43.4	42.9	45.2	43.8	SSW	0.8	WSW	5.8	—	0.4	2.6	—	—	0.0	0.0
10	47.0	46.7	46.3	46.7	—	0.2	W	3.8	SSE	1.8	2.0	—	—	—	—
11	45.3	40.9	38.9	41.7	S	3.4	S	4.2	S	2.3	2.4	—	—	3.5	3.5
12	35.8	35.8	37.2	36.3	SSW	3.4	SW	4.7	SW	1.6	3.1	0.6	—	1.1	1.7
13	38.3	39.0	42.6	40.0	S	4.7	SSW	2.5	S	2.0	2.8	—	—	0.3	0.3
14	44.4	46.8	50.8	47.3	S	0.6	SW	1.5	SW	1.8	1.6	—	0.9	4.1	5.0
15	52.8	53.7	54.8	53.8	SW	1.5	N	1.9	E	1.3	1.3	—	—	—	—
16	50.7	46.9	49.7	49.1	E	1.6	SSW	5.0	SW	4.3	3.0	1.6	1.1	2.6	5.3
17	50.5	47.2	46.2	48.0	S	1.8	SSE	3.5	SW	2.2	2.3	—	—	0.5	0.5
18	47.3	48.2	48.8	48.1	SSW	2.5	W	3.7	SW	2.6	2.1	10.6	1.1	—	11.7
19	47.2	45.8	46.8	46.6	SW	0.6	W	4.7	—	0.4	2.0	—	—	—	—
20	47.1	47.2	44.0	46.1	E	1.6	NW	4.2	S	3.0	1.4	—	—	—	—
21	49.2	48.6	47.8	48.5	SSE	3.5	S	2.2	SSE	2.9	2.0	—	—	—	—
22	47.7	47.0	48.4	47.7	S	2.0	SW	3.7	SW	2.1	2.3	—	—	—	—
23	50.1	49.3	49.6	49.7	S	1.3	SSW	3.9	—	0.4	3.1	—	—	—	—
24	52.1	52.9	52.0	52.3	E	2.2	N	2.3	E	1.8	1.6	0.2	2.2	—	2.4
25	50.8	48.5	47.6	49.0	SSE	4.2	SSE	3.9	S	2.6	2.4	—	—	—	—
26	48.6	49.0	50.0	49.2	SSE	2.3	N	1.2	NNW	4.0	2.6	—	0.2	0.3	0.5
27	48.7	43.9	41.4	44.7	NE	2.2	NE	1.2	SE	0.9	1.5	—	—	6.4	6.4
28	43.3	42.1	40.2	41.9	NW	3.5	WNW	2.9	SSW	0.6	3.5	1.2	0.1	0.3	1.6
29	36.4	35.8	37.1	36.4	W	2.1	WSW	3.4	W	3.7	2.9	0.3	2.0	2.4	4.7
30	38.3	42.0	46.3	42.2	W	4.3	WNW	4.7	SW	2.0	3.4	1.4	0.5	—	1.9
平均 Mean	46.0	45.4	45.8	45.7		2.1		3.1		1.9	2.1	27.7	15.3	43.8	86.8

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION
1	18.0	25.0	19.6	20.9	26.2	18.0	8.2	90	65	89	81	6 ck, kc	9 kn, k	10 n, sk	8.3	4.15	3.3
2	16.9	27.8	19.4	21.4	28.3	16.7	11.6	90	50	72	71	7 c, cs	8 cs, kn	8 sk	7.7	8.49	4.0
3	15.8	16.6	14.1	15.5	19.9	14.1	5.8	80	93	96	90	9 n, sc	10 n	10 n	9.7	0.00	1.9
4	13.8	21.8	14.6	16.7	22.7	13.5	9.2	92	47	86	75	10, n	5 k, ck	10 n, sk	8.3	6.85	4.0
5	13.1	17.9	14.0	15.0	19.8	13.0	6.8	87	69	89	82	4 sk, c	9 n	0 —	4.3	4.82	3.1
6	11.4	20.5	14.9	15.6	21.9	10.8	11.1	94	63	94	84	8 kc, ck	7 kn	0 —	5.0	6.06	2.8
7	11.2	22.2	17.0	16.8	23.1	11.2	11.9	96	57	88	80	0 —	10 sc, k	10 n	6.7	8.15	3.0
8	16.0	23.7	18.1	19.3	25.0	15.9	9.1	90	55	90	78	9 kn, k	2 k	9 ck, kc	6.7	9.63	3.9
9	15.6	23.0	15.4	18.0	23.8	15.4	8.4	91	51	83	75	6 c, sk	7 k, n	0 —	4.3	7.76	4.7
10	10.2	23.1	14.8	16.0	24.1	10.2	13.9	91	33	71	65	0 —	1 k	0 —	0.3	12.20	5.3
11	11.3	23.0	15.3	16.5	24.7	11.1	13.6	85	47	95	76	5 c, sk	8 sk, kc	10 n	7.7	5.26	3.7
12	12.8	16.8	12.2	13.9	17.5	11.3	6.2	90	57	78	75	0 —	9 kn, n	0 —	3.0	4.16	3.9
13	9.4	17.2	12.1	12.9	17.4	9.4	8.0	85	54	73	71	0 —	10 n, sk	3 ck	4.3	4.28	2.3
14	10.4	17.9	12.0	13.4	19.5	10.3	9.2	94	63	94	84	9 sk, kc	6 kn, cs, ck	0 —	5.0	4.75	2.5
15	8.3	17.2	12.1	12.5	20.2	8.2	12.0	97	63	88	83	0 —	9 n, sk	0 —	3.0	7.02	2.0
16	10.0	21.7	11.9	14.5	21.7	9.4	12.3	90	52	88	77	10 n	4 kn, kc, k	0 —	4.7	3.83	2.7
17	7.4	23.6	17.2	16.1	24.6	7.4	17.2	97	47	86	77	0 —	1 c	10 n	3.7	10.65	3.1
18	12.4	17.2	10.8	13.5	18.4	10.8	7.6	84	51	78	71	10 n, sk	6 c, cs	0 —	5.3	7.68	3.6
19	7.5	19.2	12.3	13.0	20.0	7.4	12.6	90	41	83	71	1 sk	3 k	8 kc	4.0	10.57	3.9
20	9.4	19.2	11.6	13.4	20.5	9.2	11.3	69	44	81	65	0 —	1 k	0 —	0.3	11.20	4.0
21	8.8	24.4	13.4	15.5	25.2	8.8	16.4	89	40	66	65	0 —	0 —	4 cs	1.3	11.45	5.0
22	13.6	27.0	20.9	20.5	28.5	11.5	17.0	80	43	53	59	4 kc	0 —	0 —	1.3	10.80	7.4
23	14.6	26.8	17.1	19.5	27.7	14.0	13.7	78	35	67	60	0 —	0 —	0 —	0.0	11.23	7.6
24	15.4	19.1	16.4	17.0	20.9	13.3	7.6	74	63	87	75	10 n, sk	6 ck, kc	0 —	5.3	5.95	2.5
25	12.6	27.2	18.0	19.3	27.7	12.4	15.3	92	37	55	61	4 c, ck	1 c	6 kc, ck	3.7	10.76	5.7
26	13.8	16.3	13.5	14.5	19.2	12.5	6.7	78	87	88	84	9 sk, kc	10 sk, n	10 n	9.7	0.75	0.9
27	8.6	18.2	13.8	13.5	18.5	8.5	10.0	95	73	96	88	10 n	9 cs, ck	10 n	9.7	0.90	1.4
28	7.2	7.6	6.6	7.1	13.9	6.5	7.4	89	84	93	89	10 n	10 n	10 n, kc	10.0	0.00	0.5
29	5.7	6.8	6.4	6.3	8.5	5.7	2.8	91	87	93	90	10 n	10 n	10 n	10.0	0.00	0.9
30	6.2	9.5	8.0	7.9	10.1	5.5	4.6	97	79	81	86	10 n	10 n	10 n, kc	10.0	0.45	1.4
平均 Mean	11.6	19.9	14.1	15.2	21.3	11.1	10.3	88	58	83	76	5.4	6.0	4.9	5.4	189.80	101.0

重力ノ更正 Reduction to standard gravity……+ 0.1
海面ヘノ更正 Reduction to mean sea level……+ 13.0

昭和六年十月二十五日印刷
昭和六年十月二十八日發行

關東廳觀測所
大連市八幡町三十五番地

大連市大山通六十三番地
印刷人　太田信三

大連市大山通六十三番地
印刷所　小林又七支店

昭和六年十月

滿洲氣象表

REPORT

OF THE

METEOROLOGICAL OBSERVATIONS

MADE AT THE

METEOROLOGICAL STATIONS

IN

MANCHURIA.

OCTOBER, 1931.

PUBLISHED BY THE METEOROLOGICAL OBSERVATORY, DAIREN.

凡　例

本編ハ昭和六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擧クレバ

觀測時ハ日本西部標準時卽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

氣壓ハ粍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卽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

平均雲量二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, 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	⊤	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	黄道光	⊻	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	黄砂	≏	Yellow dust
朝焼 夕焼	⌿	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) 現象ノ强サ　*The intensity of the phenomena*

現象ノ强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　强雨 $●^2$ 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
强震(弱キ方)	$⦶^{(4)}$	strong	强震	$⦶^{(5)}$	very strong	烈震	$⦶^{(6)}$	disastrous

大　連

昭和六年十月　　DAIREN.　　OCTOBER, 1931.

氣壓 (粍) AIR PRESSURE. (mm) (700 mm +)

Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	54.6	54.5	55.6	54.8	55.3	56.3	55.2
2	56.1	56.3	57.2	56.6	56.7	57.6	56.8
3	57.6	58.3	60.0	59.2	59.3	60.0	59.1
4	59.5	59.6	60.2	59.3	59.3	59.6	59.6
5	59.0	58.0	58.1	55.2	54.5	53.4	56.4
6	52.2	50.7	50.1	**49.1**	49.8	50.9	50.5
7	50.9	**51.8**	52.4	53.8	54.5	55.8	53.2
8	57.0	58.5	59.6	58.9	60.3	61.5	59.3
9	63.4	65.1	66.1	65.1	66.0	67.0	65.5
10	67.1	67.3	**67.9**	65.5	65.4	66.0	66.5
11	65.5	65.0	65.2	63.3	62.8	62.7	64.1
12	61.7	61.3	61.4	59.5	58.5	58.3	60.1
13	56.8	55.8	55.6	53.1	52.7	53.5	54.6
14	53.9	55.0	57.0	56.4	57.1	57.5	56.2
15	57.5	57.6	58.0	55.7	54.9	54.4	56.4
16	54.1	54.3	56.2	55.8	57.5	59.1	56.2
17	60.2	60.8	61.7	60.1	60.4	61.0	60.7
18	60.5	60.3	61.3	60.8	62.7	64.4	61.7
19	65.3	66.1	66.8	65.2	65.0	65.7	65.7
20	65.0	64.0	63.7	61.5	61.1	61.2	62.8
21	60.5	60.6	61.7	60.6	61.3	61.6	61.1
22	61.9	61.6	61.8	59.8	59.7	59.6	60.7
23	58.9	58.3	58.6	57.0	56.7	56.4	57.7
24	55.8	54.8	54.3	51.6	51.8	54.6	53.8
25	56.8	58.9	60.0	59.6	60.2	60.9	59.4
26	59.7	58.8	59.4	57.6	56.8	56.8	58.2
27	56.9	55.8	57.8	57.3	58.4	58.9	57.5
28	58.9	59.4	60.5	59.5	60.5	60.4	59.9
29	60.7	61.1	61.7	60.7	60.9	61.1	61.0
30	60.5	60.0	60.4	59.2	59.4	59.8	59.9
31	59.8	59.5	60.5	59.9	60.3	61.1	60.2
平均 Mean	59.0	59.0	59.7	58.4	58.7	59.3	59.0

風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.

Day	2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h.
1	SSW	6.1	W	2.7	NW	3.2	NW	4.7	WNW	2.0	SW	2.5	3.8
2	SSW	6.1	S	5.6	S	6.0	S	6.1	S	4.5	S	9.1	5.7
3	S	7.7	S	10.2	S	7.5	S	6.5	SSE	4.2	S	10.1	7.2
4	S	7.6	S	5.5	S	10.0	S	4.6	S	5.1	SSW	7.3	6.3
5	S	6.7	S	4.3	S	8.3	S	7.0	SSE	5.1	S	13.1	6.7
6	S	10.8	S	12.0	SSW	14.5	NW	6.3	ESE	5.0	E	3.6	8.4
7	ENE	3.1	NNW	7.7	N	6.9	NNW	9.0	NNW	7.4	NNW	7.0	6.0
8	NNW	6.4	NNW	5.7	NNW	6.6	NW	5.0	NW	3.2	NNW	8.8	5.5
9	N	7.9	N	5.7	N	7.4	N	9.5	N	10.3	NNW	4.2	7.1
10	N	6.4	N	5.2	N	8.8	NNW	8.2	NNW	7.1	NNW	4.5	6.5
11	NNW	2.0	NNW	1.8	NNW	1.3	SSW	4.0	SSW	0.8	SW	3.2	2.6
12	SW	2.8	SW	3.0	SSW	5.7	SSW	7.3	S	5.5	SW	3.7	4.3
13	SSW	5.5	SSW	5.7	WNW	3.6	NW	4.9	SW	4.6	SW	4.9	4.6
14	WNW	4.6	NNW	6.3	NNW	4.1	NNW	4.1	NW	1.2	NW	1.8	3.6
15	NW	3.2	SSE	2.7	S	7.7	S	8.6	S	5.0	S	10.6	5.5
16	S	10.5	WSW	2.6	N	13.0	NNW	11.4	N	6.2	NNW	3.4	7.0
17	N	3.0	N	7.0	N	4.6	NNW	4.8	NNW	2.9	NNW	3.4	4.2
18	—	0.1	WNW	3.0	NW	5.4	NNW	8.2	N	8.2	N	4.6	5.4
19	NW	2.1	NNW	2.7	N	5.2	NNW	5.8	NNW	3.4	NNW	0.5	3.7
20	—	0.0	NNW	2.7	SSW	4.2	W	4.6	SW	4.7	SW	4.4	3.2
21	SW	5.8	WNW	3.7	NNW	4.5	N	6.4	N	5.5	NNW	2.2	4.7
22	NW	1.9	NW	2.0	NW	1.6	SSW	4.8	SW	4.5	SSW	4.4	2.8
23	S	3.0	S	5.1	S	8.0	S	6.7	S	4.5	S	7.4	5.7
24	S	8.5	S	7.6	S	7.6	SSW	11.4	SSW	6.0	N	11.9	8.3
25	N	**15.3**	N	14.8	N	13.6	N	13.1	N	7.9	NE	4.1	12.5
26	ENE	2.3	WNW	1.1	N	1.9	NW	7.0	W	3.8	NW	6.0	3.8
27	N	2.6	—	0.4	N	9.2	NNW	9.3	NW	5.3	W	3.8	4.9
28	ENE	3.0	NNE	1.9	NNW	6.2	NNW	6.3	NW	3.8	SW	4.4	4.0
29	NNW	2.1	NW	2.5	NW	1.5	NNW	5.5	NW	2.2	NW	0.9	2.6
30	WSW	4.6	WSW	4.3	W	3.4	NW	4.4	WSW	4.1	SW	6.4	4.1
31	SW	6.2	SW	6.6	SW	4.6	SW	7.0	W	2.8	W	3.0	4.8
平均 Mean		5.1		4.9		6.3		6.9		4.7		5.3	5.3

降水量 (粍) AMOUNT OF PRECIPITATION. (mm)

Day	22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
1	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—
6	—	—	—	—	0.0	—	0.0
7	—	—	0.0	**1.6**	0.0	—	**1.6**
8	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—
16	—	0.8	0.4	0.0	—	—	1.2
17	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—
26	—	—	0.2	0.0	0.0	—	0.2
27	—	—	—	—	0.0	—	0.0
28	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—
平均 Mean	—	0.8	0.6	1.6	0.0	—	3.0

氣溫 (攝氏) AIR TEMPERATURE (°C)

Day	2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range
1	16.1	14.5	20.1	21.7	17.5	15.3	17.5	23.3	14.1	9.2
2	17.0	16.9	22.3	22.3	19.0	19.1	19.4	23.5	14.6	8.9
3	18.1	18.6	21.1	24.1	19.4	19.0	20.1	24.4	18.1	6.3
4	18.2	17.9	21.9	23.0	18.8	18.4	19.7	23.5	17.6	5.9
5	17.3	17.1	21.4	21.7	19.0	18.7	19.2	22.4	16.9	5.5
6	18.5	18.9	22.6	20.9	17.7	16.8	19.2	**25.4**	16.6	8.8
7	14.5	13.6	15.9	12.2	12.7	11.9	13.5	17.2	11.1	6.1
8	11.7	10.5	13.5	15.0	11.9	12.1	12.5	15.5	10.0	5.5
9	9.5	7.1	10.0	10.5	7.7	7.3	8.7	12.4	7.1	5.3
10	6.4	6.4	10.0	12.1	9.1	7.[illegible]	8.6	12.6	6.1	6.5
11	6.3	5.5	12.2	15.9	11.3	9.5	10.1	16.5	5.4	**11.1**
12	10.0	10.3	17.3	17.6	12.8	12.5	13.5	18.7	9.3	9.4
13	11.7	13.6	18.6	19.5	15.7	15.2	15.7	21.2	11.7	9.5
14	14.9	13.6	17.9	19.3	14.5	13.4	15.0	19.7	12.6	7.1
15	11.5	12.2	19.6	21.6	17.9	17.7	16.8	21.7	11.3	10.4
16	17.0	15.5	9.7	13.7	11.8	10.3	13.0	17.9	9.7	8.2
17	8.9	8.1	8.7	10.0	8.9	8.1	8.8	10.4	8.0	**2.4**
18	7.1	9.7	15.5	14.7	10.6	9.0	11.1	16.3	7.1	9.2
19	6.6	7.6	13.5	14.8	11.6	9.3	10.6	15.1	6.6	8.5
20	9.1	9.4	16.1	17.2	13.5	12.6	13.0	18.1	8.6	9.5
21	13.5	11.5	16.8	18.5	13.9	11.2	14.2	18.9	11.2	7.7
22	10.6	11.2	16.9	19.5	14.1	12.2	14.1	20.0	10.2	9.8
23	11.3	13.0	18.8	18.2	14.5	14.5	15.1	19.7	11.1	8.6
24	14.2	14.1	18.2	19.0	16.9	9.2	15.3	20.3	9.2	**11.1**
25	5.4	3.2	4.2	4.5	3.4	2.8	3.9	9.2	2.8	6.4
26	2.4	2.5	2.7	5.3	4.5	6.7	4.0	6.8	0.7	6.1
27	3.1	2.0	3.7	5.7	5.9	5.9	4.4	7.1	1.7	5.4
28	5.4	4.3	8.2	9.1	7.1	6.9	6.8	9.6	4.2	5.4
29	7.0	6.8	11.8	12.9	9.4	9.2	9.5	13.6	6.6	7.0
30	10.0	10.9	15.7	16.1	12.4	11.3	12.7	16.7	8.4	8.3
31	11.7	11.5	17.2	18.5	12.5	10.7	13.7	19.5	10.1	9.4
平均 Mean	11.1	10.9	14.9	16.0	12.8	11.8	12.9	17.3	9.6	7.7

濕度 (百分率) REL. HUMIDITY. (%)

Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	60	67	34	33	47	65	51
2	84	72	56	58	85	79	72
3	87	74	64	43	85	79	72
4	82	87	69	64	89	83	79
5	79	87	70	71	90	90	81
6	89	90	75	78	69	80	80
7	99	77	42	53	45	47	61
8	49	48	37	36	49	43	44
9	49	68	48	43	47	48	51
10	45	49	34	34	51	57	45
11	62	62	38	38	59	74	56
12	71	72	55	55	71	72	66
13	68	73	49	49	61	60	67
14	67	50	34	30	53	43	46
15	48	75	59	50	71	68	62
16	79	82	87	44	45	46	64
17	38	45	44	42	45	52	44
18	54	62	33	30	36	47	44
19	55	54	33	29	45	60	46
20	52	58	51	44	57	53	53
21	60	75	44	29	39	61	51
22	61	56	49	43	53	71	56
23	73	71	47	58	61	70	63
24	82	85	69	51	55	68	68
25	61	49	40	32	30	46	46
26	49	62	74	27	41	32	48
27	49	62	48	38	37	41	46
28	47	50	40	41	54	57	48
29	62	52	34	32	50	52	47
30	52	50	39	27	53	49	45
31	53	63	45	41	57	60	53
平均 Mean	64	65	50	43	56	60	56

雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD.

Day	6h	10h	14h	18h	22h	平均 Mean
1	0 —	0 —	0 s	0 —	0 —	0.0
2	0 —	0 —	0 —	0 c	0 —	0.0
3	1 c	7 ck, sc	3 kc	3 k	0 k	2.8
4	0 k	0 —	0 —	0 —	0 —	0.0
5	7 cs, sc	7 k	3 k	4 kc	3 kc, s	4.8
6	10 sc, c	2 k, kn	10 sk	3 kc, k	0 —	5.0
7	5 kc, c	6 kc, sk	10 kn	10 n	10 sk	8.2
8	0 k	3 k	2 k	0 k	3 sc	1.6
9	2 k	8 k	2 k	2 sk	1 sk	3.0
10	1 sk	0 —	0 —	0 —	0 —	0.2
11	0 —	0 —	0 —	0 —	0 —	0.0
12	0 k	0 k	0 k	0 —	0 —	0.0
13	6 ck	8 sc, c	0 —	0 —	0 —	2.8
14	0 —	0 —	0 —	0 —	0 —	0.0
15	0 sk	2 cs	4 c	3 c	10 sk	3.8
16	10 n	10 n	0 c	0 —	0 —	4.0
17	10 sc	10 sc	10 sc	10 sc	5 ck	9.0
18	10 ck, cs	10 c, ck, k	7 ck, kc, sc	2 c	0 —	5.8
19	0 —	0 —	0 —	0 —	0 —	0.0
20	0 —	10 sc, cs, k	10 sk kc, k	10 c	3 kc	6.6
21	0 —	0 —	0 —	0 —	0 —	0.0
22	0 —	0 —	0 k, sc	0 —	0 —	0.0
23	0 —	0 —	4 c	10 c	0 —	2.8
24	1 c	7 kc, ck	10 c	10 sk, sc	9 sk, k	7.4
25	4 sk	2 sk	2 sk	3 sk	5 sc	3.2
26	8 sk	10 sk, n	5 k	7 k, sk	10 sk	8.0
27	8 s, sk	6 sc	10 sk	6 sc	3 s	6.6
28	0 —	1 c, ck, k	0 sk	0 —	0 —	0.2
29	0 —	0 —	0 —	0 —	0 —	0.0
30	0 —	0 —	0 —	0 —	0 —	0.0
31	0 —	0 —	0 —	0 —	0 —	0.0
平均 Mean	2.7	3.5	3.0	2.7	2.0	2.8

Day	日照時數 HRS. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	11.05	5.3
2	10.90	5.3
3	9.60	5.0
4	10.60	4.5
5	7.60	4.6
6	7.12	4.0
7	3.15	6.7
8	10.70	6.3
9	9.20	6.8
10	10.50	5.4
11	10.60	4.2
12	10.50	5.1
13	8.00	4.8
14	10.29	5.6
15	10.40	4.8
16	5.10	6.7
17	0.60	3.8
18	9.05	6.9
19	10.30	5.1
20	5.80	4.3
21	9.70	6.1
22	10.10	4.8
23	9.45	4.8
24	9.55	**7.7**
25	9.35	4.1
26	3.25	4.3
27	7.00	4.4
28	9.50	4.2
29	9.35	4.3
30	9.80	5.6
31	9.80	3.7
平均 Mean	267.82	159.2

重力ノ更正　Reduction to standard gravity……— 0.4

海面ニノ更正　Reduction to mean sea level……+ 8.9

大　連

昭和六年十月　　DAIREN.　　COTOBER, 1931

日 Day	水蒸氣ノ張力(粍) TENSION OF VAPOUR.(mm) 2h	6h	10h	14h	18h	22h	平均 Mean	地面溫度(攝氏) EARTH TEMP. ON THE SURFACE.(°C) 6h	14h	22h	平均 Mean	地中溫度(攝氏) EARTH TEMPERATURE. (°C) 0.1m	0.2m	0.3m	0.5m	1.0m	2.0m	3.0m	4.0m	5.0m	最低地溫(攝氏) MIN. TEMP. ON GRASS. (°C)	最高日溫(攝氏) MAX. TEMP. IN THE SHADE. (°C)
1	8.2	8.2	6.0	6.4	7.1	8.4	7.4	11.6	32.6	14.6	19.2	15.2	15.6	17.1	18.3	19.9	19.1	18.0	17.2	16.0	11.0	36.4
2	12.1	10.4	11.2	11.6	13.8	12.9	12.0	14.3	33.7	17.8	21.9	17.3	17.2	18.1	18.9	19.7	19.1	18.0	17.4	16.2	13.2	33.8
3	13.4	11.7	12.0	9.7	14.2	12.8	12.3	16.7	32.8	18.3	22.6	18.9	18.6	19.3	19.4	19.6	18.9	18.0	17.3	16.2	17.1	33.0
4	12.7	13.2	13.4	13.4	14.3	13.1	13.4	16.9	36.6	18.0	23.8	15.4	19.1	19.7	19.9	19.9	18.9	18.0	17.4	16.2	16.6	32.9
5	11.6	12.7	13.2	13.7	14.7	14.4	13.4	16.0	32.7	18.0	22.4	19.4	19.4	20.0	20.2	19.9	18.7	18.0	17.3	16.2	15.5	32.4
6	14.1	14.6	15.3	14.3	10.4	11.3	13.3	18.6	26.7	15.7	20.3	19.9	19.7	20.2	20.4	20.1	18.7	18.0	17.4	16.2	14.3	34.3
7	12.1	8.9	5.8	5.7	4.9	4.8	7.0	13.4	12.3	10.4	12.0	17.6	18.6	19.7	20.1	20.1	18.6	17.8	17.2	16.2	10.8	26.2
8	5.0	4.5	4.3	4.6	5.1	4.6	4.7	8.4	28.9	11.7	16.3	13.7	15.2	16.9	18.7	19.7	18.6	17.8	17.2	16.2	7.0	25.6
9	4.4	5.1	4.4	4.0	3.6	3.6	4.2	8.0	26.3	7.4	13.9	13.0	14.8	16.5	17.9	19.4	18.6	17.8	17.3	16.2	5.6	21.6
10	3.2	3.5	3.9	3.7	4.4	4.5	3.7	5.8	27.8	7.6	13.7	11.5	13.3	15.2	17.0	18.9	18.5	17.8	17.3	16.3	4.5	20.6
11	4.4	4.2	4.1	5.1	5.9	6.5	5.0	4.1	30.9	8.8	14.6	10.8	12.6	14.6	16.3	18.6	18.4	17.7	17.2	16.2	1.6	29.2
12	6.5	6.7	8.0	8.4	7.9	7.8	7.6	7.9	31.5	11.0	16.8	12.7	13.4	14.8	16.4	18.1	18.2	17.7	17.2	16.2	6.0	28.5
13	7.0	8.5	7.9	8.3	8.2	7.8	8.0	11.6	32.5	12.8	19.0	14.8	14.8	15.8	16.8	18.1	18.1	17.7	17.2	16.2	10.0	33.5
14	8.4	5.8	5.3	5.0	6.5	5.0	6.0	11.0	33.0	9.3	18.4	14.8	15.4	16.4	17.3	17.9	17.9	17.7	17.2	16.2	8.8	29.4
15	4.8	8.0	10.1	9.6	10.9	10.1	8.9	9.7	32.3	16.8	19.6	14.2	14.8	16.0	17.2	17.9	17.7	17.5	17.1	16.2	7.2	29.0
16	11.4	10.8	7.8	5.1	4.7	4.3	7.4	14.0	23.1	9.0	15.4	16.7	16.7	17.2	17.6	17.9	17.7	17.5	17.2	16.2	9.0	19.7
17	3.2	3.6	3.7	3.9	3.8	4.2	3.7	7.9	17.2	8.0	11.0	12.2	13.6	15.2	16.7	17.9	17.6	17.4	17.1	16.2	7.0	15.8
18	4.1	5.5	4.3	3.7	3.5	4.0	4.2	6.7	26.1	7.6	13.5	11.6	12.5	14.1	15.8	17.5	17.4	17.3	17.1	16.2	3.0	24.2
19	4.0	4.2	3.7	3.6	4.5	5.2	4.2	4.9	28.3	6.1	13.1	10.8	12.2	13.8	15.5	17.3	17.4	17.3	17.1	16.0	3.8	22.6
20	4.5	5.1	7.0	6.4	6.6	5.8	5.9	6.9	21.4	10.7	14.7	11.3	11.9	13.4	15.2	17.2	17.4	17.2	17.1	16.2	2.6	30.5
21	6.9	7.6	6.3	4.	4.7	6.0	6.0	9.0	31.0	9.3	16.4	13.0	13.5	14.4	15.4	16.8	17.1	17.2	16.9	16.1	8.8	23.1
22	5.8	5.5	7.0	7.3	6.3	7.5	6.6	6.5	31.1	10.9	16.2	12.0	13.0	14.4	15.6	16.8	17.0	17.0	16.9	16.1	5.8	30.6
23	7.3	7.9	7.5	9.0	7.6	8.6	8.0	10.3	29.6	12.9	17.7	13.5	13.9	14.8	15.8	16.7	16.8	17.0	16.9	16.0	9.3	28.9
24	9.9	10.2	10.8	8.3	7.9	5.9	8.8	12.5	25.8	11.0	16.4	14.8	14.9	15.6	16.3	16.9	16.9	17.0	16.9	16.1	8.6	27.1
25	4.5	2.8	2.5	2.0	2.3	2.6	2.8	5.5	16.8	4.2	8.8	12.2	13.6	15.2	16.0	16.7	16.7	16.8	16.9	16.0	0.0	24.5
26	2.7	3.4	4.1	1.8	2.6	2.3	2.8	2.7	15.9	6.0	8.2	7.5	10.6	12.5	14.5	16.7	16.6	16.8	16.8	16.0	93.5	14.6
27	2.8	3.3	2.8	2.6	2.6	2.8	2.8	2.1	15.7	3.3	7.0	8.3	9.8	11.5	13.5	16.2	16.6	16.7	16.7	16.0	97.3	15.3
28	3.1	3.1	3.3	3.6	4.1	4.3	3.6	1.9	22.7	5.4	10.0	7.7	9.3	10.8	12.9	15.7	16.6	16.7	16.7	16.0	99.7	17.3
29	4.6	3.8	3.5	3.5	4.4	4.5	4.1	3.1	24.7	5.0	10.9	8.3	9.6	11.0	12.8	15.5	16.4	16.5	16.6	16.0	4.0	22.8
30	4.8	4.8	5.2	3.8	5.7	4.9	4.9	6.3	27.8	8.9	14.3	9.5	10.3	11.4	13.0	15.2	16.2	16.5	16.7	16.0	4.6	28.8
31	5.4	6.3	6.5	6.5	6.2	5.8	6.1	8.7	28.3	7.4	14.8	11.2	11.6	12.5	13.5	15.0	15.9	16.5	16.6	16.0	6.6	29.8
平均 Mean	6.9	6.9	6.8	6.4	6.8	6.7	6.7	9.1	27.1	10.4	15.6	13.2	14.2	15.4	16.6	17.9	17.7	17.4	17.1	16.1	7.0	26.4

記　事 REMARKS.

日 Day	記事 REMARKS.
1	
2	
3	☔5-6.22 24h.
4	☔9-10h.
5	☁a. ☔21-22h.
6	♂°a. ●°14h30-14h35. ☔1-12h.
7	●°9h48-9h55. ●°11h02-11h08. ●°11h42-●11h07-●1▲°12h12-●1°12h14-●°12h15-12h37. ●°13h01-●13h21-●°13h30-13h48. ☔12h.
8	7h {☾°(W)11h46…☾1(Z)12h10. ☾°(W)13h10…☾1(Z)13h18…13h21. ☾1(SW)13h55…☾1(S)13h59…☾1(SE)14h07…☾°14h23…14h32.
9	♂°p. ☔17-18h.
10	♂1p. ●°14h08-14h16.
11	♂°a.
12	
13	
14	
15	☔13.22h.
16	●°4h55-7h30. ●°9h48-10h08. ☔2-3.10.12-18h.
17	♒1a.
18	♒2a. ☔16-17h.
19	♂°a.
20	⊕°p.
21	♂°a.
22	♂°p.
23	
24	☔8.14-16.21-
25	-☔-17h.
26	✳°6h28-✳16h49-✳°7h05-✳17h16-✳°7h25-✳18h40-✳°8h50-✳°△°9h15-✳°9h33…△°10h02-10h10.
27	✳°14h55-15h10. 26h {✳°14h54-14h56.✳°15h45-16h00.✳°16h23-16h31. ☔13h.
28	♂°a.
29	∞°p.
30	
31	

營口

昭和六年十月 **YINGKOW.** OCTOBER, 1931.

日 Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
1	61.3	62.4	63.6	62.9	62.7	63.6	62.8	W	1.4	—	0.3	NW	1.2	W	2.0	SSW	1.0	S	1.5	1.6	0.0	—	—	—	—	—	0.0
2	63.6	63.2	64.1	63.5	63.8	65.5	64.0	S	0.8	SSE	2.8	S	6.0	SSW	5.4	S	3.3	SE	2.9	4.5	—	—	—	—	—	—	—
3	65.5	65.8	66.8	65.7	66.4	67.2	66.2	SE	2.3	SE	3.3	SSE	5.7	S	5.7	SSW	2.9	SSE	2.5	3.7	—	—	—	—	—	—	—
4	66.9	66.4	67.1	66.0	66.2	67.2	66.6	SE	2.5	SSE	5.3	S	5.9	SSW	5.3	S	3.5	S	2.6	3.8	—	—	—	—	—	—	—
5	66.6	65.2	65.1	62.7	61.6	60.6	63.6	SE	1.8	SE	2.3	SSE	5.8	SSE	5.9	S	5.3	SSE	4.0	3.6	—	—	—	—	—	—	—
6	59.6	58.0	58.5	58.1	58.7	59.7	58.8	SSE	2.8	NE	0.9	SE	1.8	NNE	0.7	NE	1.3	—	0.1	1.9	—	0.2	24.3	0.0	—	—	24.5
7	59.9	62.5	63.5	62.9	63.3	65.0	62.9	NE	0.6	NE	3.3	SE	5.3	NNE	4.1	NE	0.9	NW	0.5	2.8	—	—	—	0.0	0.0	—	0.0
8	65.4	66.7	67.4	66.4	68.6	70.1	67.4	NW	2.9	NW	2.9	NNW	2.9	W	1.9	NNE	5.3	—	0.0	2.5	—	—	—	—	0.4	0.2	0.6
9	73.5	73.7	75.3	74.4	74.9	75.8	74.6	N	4.6	N	3.8	NNE	3.8	N	4.5	N	1.8	N	1.6	3.1	—	—	—	—	—	—	—
10	76.4	76.5	77.0	74.9	74.3	74.9	75.7	N	2.3	NE	1.2	NE	4.1	NNE	4.6	NE	1.0	NE	0.8	2.5	—	—	—	—	—	—	—
11	74.4	73.4	73.2	70.2	70.2	69.7	71.9	—	0.0	E	1.9	S	2.2	SSW	3.3	SSW	1.7	SSE	2.6	1.9	—	—	—	—	—	—	—
12	68.0	67.9	68.1	66.2	66.2	64.7	66.9	SSE	2.9	SSE	3.5	S	7.3	SSW	5.8	S	5.1	S	5.7	6.3	—	—	—	—	—	—	—
13	63.7	62.7	62.4	60.3	59.6	60.9	61.6	S	4.9	S	2.9	SSW	4.1	SSW	4.1	SSW	2.3	S	3.4	4.3	—	—	—	—	—	—	—
14	61.9	63.0	64.9	64.1	64.5	65.3	64.0	—	0.4	SW	0.5	NW	2.7	WNW	1.8	SW	1.6	S	1.4	1.3	—	—	—	—	—	—	—
15	65.2	64.9	64.7	61.9	61.8	61.2	63.3	SSE	1.6	SSE	1.3	S	4.7	S	6.4	SSE	4.4	SSE	4.4	3.9	—	—	—	—	—	—	—
16	61.1	62.3	65.7	64.4	66.0	66.8	64.4	SSE	4.7	SW	1.9	NNE	5.0	N	5.6	NNE	4.7	NE	3.2	4.5	—	5.6	3.4	—	—	—	9.0
17	68.7	69.2	69.4	68.3	68.4	68.7	68.8	N	4.1	N	1.5	NNE	5.3	NNE	3.5	N	0.8	NW	1.5	2.6	—	—	—	—	—	—	—
18	68.6	68.2	70.0	69.8	71.1	72.6	70.1	S	1.6	S	0.6	N	5.9	N	4.8	NNE	1.8	NNE	1.2	2.9	—	—	—	—	—	—	—
19	73.8	74.3	75.2	73.6	73.0	73.5	73.9	NE	0.7	—	0.1	E	0.7	NW	0.5	WNW	0.6	SSE	1.6	0.9	—	—	—	—	—	—	—
20	72.6	71.4	70.3	68.5	67.7	68.1	69.8	SSE	1.3	SE	1.8	S	4.3	SSW	5.2	S	2.0	S	1.9	2.9	—	—	—	—	—	—	—
21	67.8	68.6	70.1	69.3	69.4	70.0	69.2	S	1.2	NNE	1.3	NNE	2.9	NNE	4.2	NE	1.2	—	0.0	2.1	—	—	—	—	—	—	—
22	70.1	69.7	69.8	69.6	66.8	66.8	68.8	—	0.4	ESE	1.8	SSE	1.6	SSW	2.6	SW	0.6	S	2.6	1.7	—	—	—	—	—	—	—
23	65.9	65.3	65.3	63.5	63.4	63.1	64.4	SSE	2.0	SSE	2.6	S	6.5	SSW	5.8	SSW	4.4	SSE	2.9	4.0	—	—	—	—	—	—	—
24	62.7	61.5	61.0	58.7	61.1	65.5	61.8	SSE	2.3	SSE	3.0	S	6.7	SSW	6.2	NNE	6.4	N	8.2	5.1	—	—	—	0.0	0.2	2.0	2.2
25	67.6	68.9	70.3	69.0	68.9	68.6	68.9	N	7.6	N	8.8	N	8.4	N	6.7	NNE	2.6	—	0.1	6.3	0.1	—	—	—	—	—	0.1
26	67.7	67.2	66.7	64.9	64.3	65.6	66.1	NW	2.7	NNW	2.4	W	5.6	W	5.3	NNW	1.2	N	1.8	3.3	—	—	—	—	—	—	—
27	67.0	65.2	66.3	65.6	65.8	66.2	66.0	NNE	1.6	—	0.1	NNE	3.9	NNE	5.3	NE	0.9	WNW	1.2	2.2	—	—	—	—	—	—	—
28	67.0	67.2	68.3	67.2	67.6	68.4	67.6	WNW	4.1	WNW	3.5	NW	2.3	SW	3.5	SW	1.2	WSW	1.3	2.7	—	—	—	—	—	—	—
29	68.7	69.0	69.7	68.8	68.9	68.8	69.0	S	1.3	S	0.7	—	0.1	SW	1.6	SSW	1.8	SSW	1.3	1.0	—	—	—	—	—	—	—
30	69.4	67.9	68.2	66.8	66.9	67.3	67.8	SE	1.3	SE	1.4	S	0.8	SSW	1.7	SSW	1.3	SSE	1.3	1.3	—	—	—	—	—	—	—
31	67.7	66.9	68.1	67.6	68.2	69.6	68.0	SSE	1.8	SSE	1.2	SSW	4.2	SW	2.5	WSW	1.8	SW	0.9	1.6	—	—	—	—	—	—	—
Mean 平均	67.0	66.9	67.6	66.3	66.5	67.1	66.9		2.3		2.2		4.1		4.1		2.4		2.1	3.0	0.1	5.8	27.7	0.0	0.6	2.2	36.4

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 6h	10h	14h	18h	22h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE	蒸發量 (粍) AMOUNT OF EVAPORATION
1	12.1	7.3	17.6	19.8	16.0	10.7	13.9	21.0	6.5	14.5	60	91	35	30	47	71	56	0 —	0 —	0 —	0 —	0 —	0.0	10.94	4.0
2	9.0	9.6	21.6	24.1	20.2	17.3	17.0	24.6	7.9	16.7	70	64	59	42	61	72	60	0 —	0 —	0 —	0 —	0 —	0.0	10.55	4.7
3	16.9	16.0	23.0	26.3	20.4	17.5	20.0	26.5	14.7	11.8	80	85	54	39	65	76	67	1 c	9 cs	1 c, k	0 —	0 —	2.2	10.34	4.4
4	16.6	17.3	23.4	24.5	20.4	17.9	20.0	25.5	15.5	10.0	80	67	49	55	66	69	64	0 —	0 —	0 k	0 —	0 —	0.0	10.80	4.4
5	15.1	15.1	23.6	24.0	21.0	18.4	19.5	25.5	14.2	11.3	79	84	46	41	48	70	61	10 c	10 c, k	10 sc	10 sk	0 —	8.0	6.72	6.4
6	18.8	15.7	13.3	20.0	16.4	12.7	16.2	20.7	11.8	8.9	75	83	95	98	70	86	85	10 sk	10 sk, kn	10 kc	0 —	0 —	6.0	5.13	2.5
7	11.5	9.5	11.9	12.2	9.4	7.3	10.3	13.1	7.1	6.0	80	71	46	51	69	84	67	7 sk, ck	10 sk	10 sk	1 k, c	0 —	5.6	3.08	1.9
8	8.4	6.4	12.3	14.6	9.6	7.5	9.8	15.2	5.4	9.8	55	65	41	36	69	85	59	0 —	0 k	0 k	10 n	0 —	2.0	9.23	2.9
9	9.1	3.7	7.7	9.8	6.8	3.9	6.8	10.4	2.7	7.7	80	87	60	36	52	76	65	0 —	4 k	2 k	0 —	0 —	1.2	8.79	2.7
10	1.9	0.8	9.5	12.9	8.4	4.0	6.3	12.9	99.5	13.4	70	73	47	36	58	75	60	0 —	0 —	0 —	0 —	0 —	0.0	10.60	2.8
11	1.0	0.8	12.3	14.9	11.7	9.1	8.3	15.3	99.6	15.7	87	80	36	32	66	72	62	0 —	0 —	0 —	0 —	0 —	0.0	10.38	2.4
12	8.0	7.7	16.5	18.5	15.0	12.5	13.0	18.7	6.5	12.2	70	75	56	56	69	69	66	0 —	0 —	0 —	0 —	0 —	0.0	9.32	3.8
13	10.9	12.5	16.6	19.9	15.1	14.9	15.0	20.3	9.6	10.7	80	70	59	47	80	80	69	10 cs	10 sc	0 —	0 —	2 k	4.4	9.65	2.7
14	10.0	5.8	17.8	19.8	13.3	9.0	12.6	20.7	5.1	15.6	100	95	31	25	59	74	64	0 —	0 —	0 —	0 —	0 —	0.0	10.16	4.0
15	6.8	6.3	17.2	23.3	18.2	16.3	14.7	23.3	5.5	17.8	63	69	36	31	56	67	54	0 —	0 c	10 cs	10 sc	10 sc	6.0	8.62	6.2
16	17.1	13.2	12.7	14.7	10.3	7.3	12.6	19.1	6.5	12.6	80	89	45	34	41	43	55	10 n	0 c	0 k	0 —	0 —	2.0	7.17	3.
17	6.1	3.5	9.4	12.5	8.4	5.6	7.6	12.6	2.0	10.6	47	64	37	33	56	74	52	2 c	4 c	0 c	10 cs	0 —	3.2	9.28	3.2
18	6.0	3.7	12.1	13.8	9.4	5.2	8.4	14.6	2.1	12.5	72	91	34	30	48	77	59	1 c	3 c	0 —	0 —	0 —	0.8	9.65	3.1
19	2.9	0.2	12.0	14.2	8.9	5.8	7.3	15.5	99.1	16.4	68	83	35	32	62	77	60	0 —	0 —	0 —	0 —	0 —	0.0	9.85	2.6
20	3.1	4.0	14.6	16.3	13.2	11.6	10.5	16.9	1.9	15.0	76	63	50	57	66	73	64	0 —	10 cs, sc	10 sc	10 sc	0 —	6.0	8.35	2.4
21	7.2	7.1	15.4	17.8	11.6	6.9	11.0	18.5	4.7	13.8	85	94	38	33	56	76	64	0 —	0 —	0 —	0 —	0 —	0.0	9.46	3.4
22	5.2	4.3	16.3	18.8	13.6	11.3	11.6	19.7	2.2	17.5	70	78	36	47	82	83	66	0 —	0 —	0 —	0 —	0 —	0.0	9.75	3.0
23	8.6	9.1	16.9	19.3	15.1	10.6	13.3	19.5	7.0	12.5	76	81	47	42	75	75	66	0 —	0 —	0 —	0 —	6 kc	1.2	9.28	4.0
24	10.3	13.2	18.6	20.4	9.3	4.2	12.7	21.0	3.6	17.4	78	60	52	44	75	82	65	0 c	10 kc, cs	8 kc	10 kn	10 n	7.6	5.15	4.4
25	2.1	1.1	3.2	4.4	1.8	99.0	1.9	4.9	97.1	7.8	80	53	13	26	35	60	45	10 n, sk	0 —	0 k	0 —	7 ck	3.4	9.05	3.1
26	1.6	0.7	4.5	5.6	3.2	0.6	2.7	6.2	97.9	8.3	45	49	27	29	49	36	39	2 k	2 k	10 cs, k	0 —	10 cs	4.8	8.36	2.6
27	0.2	98.1	2.9	5.9	4.0	3.5	2.4	6.4	96.7	9.7	47	52	40	32	45	50	44	10 sc, cs	4 kc, k	0 k	10 cs	3 c	6.2	8.18	2.4
28	3.2	2.5	7.1	9.6	7.1	4.8	5.7	10.5	1.4	9.1	48	48	26	34	57	70	47	0 —	0 c	0 c	1 c, k	8 kc	1.8	9.25	2.4
29	0.5	97.3	9.8	12.4	6.6	1.6	4.7	12.9	96.7	16.2	76	88	35	29	62	64	59	0 —	0 —	0 —	0 —	0 —	0.0	9.40	2.2
30	1.9	0.4	12.7	16.1	8.0	3.4	7.1	16.3	97.6	18.7	65	70	38	27	68	80	58	0 —	0 —	0 —	0 —	0 —	0.0	9.41	2.5
31	3.3	2.2	14.0	16.7	9.6	5.4	8.5	17.1	1.1	16.0	77	81	54	34	67	88	67	0 —	0 —	1 c	0 —	0 —	0.2	9.05	2.6
平均 Mean	7.6	6.3	13.8	16.2	11.7	8.6	10.7	16.9	4.2	12.8	72	74	43	39	61	72	60	2.4	2.8	2.5	2.3	1.8	2.3	274.95	104.3

重力ノ更正 Reduction to standard gravity……— 0.3

海面ヘノ更正 Reduction to mean sea level……+ 0.3

奉　天

昭和六年十月　　**MUKDEN.**　　OCTOBER, 1931.

氣壓 *(粍) AIR PRESSURE. (mm) (700 mm +)

Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	57.1	57.9	58.8	58.3	58.2	59.3	58.3
2	59.3	59.4	59.6	58.4	59.2	61.0	59.5
3	61.5	61.8	62.6	61.2	61.4	62.7	61.9
4	62.5	61.9	61.8	60.9	61.3	62.6	61.8
5	61.7	61.1	60.8	58.3	56.9	56.1	59.2
6	54.8	51.2	54.1	**53.8**	54.9	55.9	54.6
7	57.0	58.4	58.9	58.3	58.5	59.5	58.4
8	60.2	61.3	62.1	61.4	63.8	65.8	62.4
9	67.6	69.2	70.7	69.6	70.2	71.0	69.7
10	71.4	71.6	**72.4**	70.4	69.9	70.2	71.0
11	69.4	68.9	68.6	66.1	65.4	65.3	67.2
12	64.3	63.5	63.2	61.0	59.9	60.0	62.0
13	59.2	58.0	57.8	55.5	54.7	56.3	56.9
14	56.8	58.2	60.2	59.5	59.7	60.4	59.1
15	60.4	60.1	59.5	56.4	56.5	56.3	58.2
16	56.8	57.9	60.3	59.3	60.7	62.5	59.6
17	62.8	63.9	64.8	63.5	63.3	63.8	63.7
18	63.7	63.2	65.0	65.0	66.2	67.8	65.2
19	68.6	69.6	70.5	69.0	68.7	68.8	69.2
20	68.5	67.3	65.8	63.3	62.7	63.1	65.1
21	63.6	63.5	65.4	64.6	65.1	65.6	64.5
22	65.3	65.6	65.4	63.2	62.4	62.6	64.1
23	61.5	60.9	60.5	58.5	58.5	58.6	59.8
24	57.8	56.7	56.2	54.5	56.7	60.6	57.1
25	62.7	63.9	64.9	63.8	63.5	63.0	63.6
26	62.0	61.7	61.2	59.6	59.3	59.9	60.6
27	59.9	60.0	60.7	60.2	60.0	61.1	60.3
28	61.1	61.6	62.3	61.8	62.7	63.7	62.2
29	64.3	64.3	65.0	64.2	64.2	64.3	64.4
30	64.2	63.5	63.7	62.3	62.3	62.6	63.1
31	62.7	62.5	63.8	63.1	63.9	64.9	63.5
平均 Mean	62.2	62.3	62.8	61.5	61.6	62.4	62.1

風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.

Day	2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h.
1	SW	1.8	SW	2.5	W	2.6	NW	2.9	S	2.7	S	2.3	2.3
2	SSE	3.4	SE	4.2	SE	4.8	WSW	10.1	SSW	4.8	S	5.3	5.2
3	S	4.7	S	3.1	SSW	9.0	SSW	8.5	SSW	4.4	S	4.8	5.6
4	S	3.7	S	3.0	SSW	10.6	SW	10.4	SW	6.0	SW	3.9	6.1
5	S	2.8	S	3.6	SSW	6.7	SSW	7.2	SSW	5.6	SSW	3.9	5.0
6	S	4.4	SE	4.6	SE	4.8	W	1.8	NNW	2.0	ENE	1.8	3.6
7	N	3.2	NNE	3.2	N	2.5	NNW	1.2	WSW	2.7	WSW	4.2	2.6
8	WNW	2.6	WNW	2.5	NNW	4.9	W	3.5	NNW	2.1	NNW	2.4	3.3
9	N	2.5	N	2.5	NNW	2.3	NW	3.7	NNW	1.4	NNW	1.6	2.7
10	NNW	1.5	—	0.0	NE	1.7	NNE	3.4	NNE	1.6	NNE	1.1	1.8
11	NE	2.2	NE	2.6	E	2.6	SW	5.0	SW	2.9	S	3.9	3.0
12	S	4.0	SSE	3.6	SSW	7.5	SW	11.3	SW	5.4	SW	8.9	6.2
13	S	4.3	S	3.4	NW	6.4	W	5.3	W	3.0	WNW	2.5	4.5
14	WNW	2.3	NW	0.9	SW	2.0	W	3.4	SSW	3.9	SSW	1.9	2.1
15	S	2.9	SSE	4.1	SSE	6.3	SSW	11.3	SSE	6.7	S	5.7	5.8
16	W	5.0	NW	2.7	NNW	6.9	NNW	6.2	NW	5.2	NW	3.7	4.8
17	NW	4.6	NW	3.7	N	3.7	NW	4.8	NW	0.7	SSW	2.7	3.4
18	SSW	2.6	S	2.1	N	3.3	NNW	5.3	N	2.1	NW	2.8	3.0
19	NE	1.3	NE	0.8	ENE	0.8	W	1.0	W	1.9	S	2.0	1.4
20	S	2.3	SE	4.6	SE	3.3	SW	9.3	SSW	3.9	SSW	3.3	4.3
21	WNW	2.3	WNW	0.7	NNE	3.8	NNE	4.0	NNE	1.5	NNE	1.7	2.3
22	ENE	2.0	ENE	2.9	E	3.4	SSE	3.7	SSE	2.5	S	2.5	2.9
23	SE	3.6	SE	3.6	S	7.8	SW	**12.3**	SSW	5.3	S	5.0	5.8
24	S	4.6	S	3.8	SSW	6.6	NNW	4.0	NNE	7.6	N	8.0	5.5
25	NNW	5.8	N	5.8	NNW	6.7	N	6.5	NNW	2.3	SW	3.6	5.3
26	W	3.2	WNW	2.7	NW	6.9	NNW	3.6	NW	3.3	NW	2.9	4.3
27	NW	3.9	NW	6.1	NW	4.4	WNW	5.7	WNW	2.6	W	3.5	4.1
28	WNW	2.7	WNW	3.1	WNW	4.3	WNW	4.0	NW	2.2	NW	1.4	3.0
29	SW	2.2	SSW	1.6	SW	2.6	WNW	4.1	WSW	1.3	S	2.6	2.2
30	SSE	3.4	SSE	3.4	SE	1.8	SSW	4.0	SSW	2.5	S	2.9	2.9
31	S	2.9	SSE	2.6	SW	2.9	SW	4.0	W	1.7	W	0.8	2.4
平均 Mean		3.2		3.0		4.6		5.5		3.3		3.3	3.8

降水量 (粍) AMOUNT OF PRECIPITATION. (mm)

Day	22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
1	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—
6	—	**13.9**	11.6	—	—	—	**25.5**
7	—	—	—	—	—	—	—
8	—	—	—	—	0.0	—	0.0
9	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—
16	0.3	12.5	0.2	—	—	—	13.0
17	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—
24	—	—	—	0.0	3.8	4.5	8.3
25	0.7	0.3	0.0	—	—	—	1.0
26	—	—	—	0.0	—	—	**0.0**
27	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—
平均 Mean	1.0	26.7	11.8	0.0	3.8	4.5	47.8

氣溫 (攝氏) AIR TEMPERATURE. (°C)

Day	2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range
1	4.4	3.4	13.6	18.1	13.2	7.8	10.1	19.8	3.2	16.6
2	6.4	5.9	21.0	25.2	19.1	15.3	15.5	25.4	5.6	**19.8**
3	13.7	12.4	23.0	25.7	20.5	16.6	18.7	26.2	12.4	13.8
4	15.0	14.5	24.0	27.1	21.0	16.7	19.7	**27.5**	14.4	13.1
5	13.7	13.4	22.7	23.5	19.6	15.3	18.0	24.7	12.3	12.4
6	17.6	13.0	12.4	19.6	15.3	10.7	14.8	20.8	10.7	10.1
7	9.7	9.1	10.7	12.5	8.6	6.2	9.5	14.3	6.2	8.1
8	4.2	3.2	9.5	13.9	8.4	5.7	7.5	14.0	3.0	11.0
9	5.2	2.6	7.0	9.7	7.2	5.6	6.2	10.0	2.6	7.4
10	3.4	99.8	9.4	11.2	7.1	2.1	5.5	11.5	99.6	11.9
11	0.4	99.6	10.8	15.1	9.4	5.2	6.8	15.7	99.4	16.3
12	6.0	3.6	15.8	19.3	13.8	11.6	11.7	19.4	3.6	15.8
13	8.0	8.0	16.3	20.7	14.0	8.8	12.6	21.0	7.7	13.3
14	5.8	2.5	13.5	18.7	12.1	6.7	9.9	19.7	2.4	17.3
15	4.8	3.6	18.8	22.2	16.7	15.6	13.6	23.1	3.5	19.6
16	15.2	10.3	11.1	13.5	9.1	5.3	10.8	16.2	4.0	12.2
17	4.2	2.2	7.4	10.8	5.8	1.8	5.4	12.0	1.7	10.3
18	0.8	1.3	8.4	11.5	8.7	4.7	5.9	12.3	0.6	11.7
19	99.8	98.2	9.9	13.6	7.7	3.3	5.4	14.7	98.0	16.7
20	0.8	1.2	12.4	17.1	11.3	7.9	8.5	17.2	0.6	16.6
21	4.9	1.4	11.1	15.6	10.1	4.9	8.0	16.3	1.2	15.1
22	2.8	1.5	13.7	18.9	11.9	6.6	9.2	19.1	1.3	17.8
23	5.3	4.4	17.2	19.8	13.8	10.7	11.9	20.0	4.1	15.9
24	9.5	9.1	17.7	13.3	7.1	3.7	10.1	19.3	3.7	15.6
25	1.0	99.8	0.9	2.2	0.0	98.3	0.4	3.7	98.3	**5.4**
26	98.3	97.3	1.6	2.2	1.0	98.5	99.8	2.9	96.7	6.2
27	97.7	96.9	99.7	2.2	1.7	99.5	99.6	3.3	96.4	6.9
28	0.4	99.0	3.8	8.9	5.3	98.6	2.7	9.8	98.6	11.2
29	97.6	95.8	5.7	10.8	4.3	0.8	2.5	11.8	**93.6**	16.2
30	99.0	98.6	8.9	14.0	6.2	2.1	4.8	14.2	98.5	15.7
31	0.3	0.1	9.3	16.0	8.1	3.2	6.2	16.1	99.8	16.3
平均 Mean	5.0	3.6	11.8	15.3	10.3	6.4	8.7	16.2	2.8	13.4

濕度 (百分率) REL. HUMIDITY. (%)

Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	100	100	51	37	71	91	75
2	92	90	51	40	67	84	71
3	88	100	60	53	73	91	78
4	95	95	58	45	77	96	78
5	99	95	58	54	70	83	77
6	77	100	99	72	66	100	83
7	92	73	64	57	85	90	77
8	83	93	61	52	75	91	76
9	83	94	80	50	61	74	74
10	98	100	63	49	70	96	79
11	98	95	54	36	63	75	70
12	67	86	49	46	74	80	67
13	90	79	62	43	72	94	73
14	98	98	42	**29**	55	75	66
15	83	84	33	40	45	60	58
16	76	93	48	37	42	55	59
17	59	71	47	36	81	88	64
18	90	88	56	34	53	66	65
19	100	100	47	40	71	91	75
20	97	88	55	51	80	88	77
21	99	98	49	40	68	95	75
22	93	94	63	34	66	84	72
23	87	85	49	36	58	79	66
24	80	84	60	90	89	91	82
25	97	85	51	44	57	77	69
26	69	69	35	46	46	57	54
27	55	59	48	41	61	72	56
28	65	64	49	37	52	90	60
29	97	100	53	36	68	82	73
30	91	86	53	37	66	72	68
31	77	81	61	33	61	91	67
平均 Mean	86	88	55	44	66	83	70

雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD.

Day	6h	10h	14h	18h	22h	平均 Mean.	日照時數 No. OF HOURS WITH SUNSHINE.	蒸發量 (粍) EVAPORATION. (mm)
1	0 —	0 —	0 —	0 —	0 —	0.0	11.05	4.1
2	0 —	0 —	0 k	0 —	0 —	0.0	11.05	6.0
3	0 —	0 c	3 c, ck	0 —	0 —	0.6	10.92	6.1
4	0 —	0 —	0 ck	7 kc, sk	0 —	1.4	10.52	6.3
5	8 cs, c	10 cs, s	10 ck, sk	10 sk, ck	8 kc	9.2	7.67	5.6
6	10 n, kn	9 cs, c	9 ck, sk	1 sk	3 s	6.4	6.65	3.3
7	10 s, sk	10 s k, s	10 ck, sk	0 sk	0 —	6.0	3.23	2.0
8	0 —	0 sk	10 sk, ck, k	9 s, sk	4 s	4.6	7.65	2.7
9	3 ck, sk	5 sk	5 sk,	2 sk	0 —	3.0	10.00	2.5
10	0 —	0 —	0 —	0 —	0 —	0.0	10.60	2.8
11	0 —	0 —	0 —	0 —	0 —	0.0	10.60	3.3
12	0 —	0 —	0 —	0 —	0 —	0.0	10.52	4.2
13	8 c, ck	10 cs, c	1 ck	0 —	0 —	3.8	10.22	3.4
14	0 —	0 —	0 —	0 —	0 —	0.0	**10.50**	3.6
15	5 c, ck	1 ck	10 cs	10 s, cs	10 s, sc	7.2	**8.68**	**7.5**
16	10 n	0 sk	0 sk	0 —	0 —	**2.0**	**8.05**	4.0
17	0 sk	0 sk	0 —	0 sk	0 —	**0.0**	**10.40**	2.5
18	1 c, cs	0 —	1 sk	0 —	0 —	**0.4**	**10.42**	2.9
19	0 c	0 —	0 —	0 —	0 —	**0.0**	**10.52**	2.4
20	5 c, ck	10 cs, sk	9 c, cs	10 cs	1 cs	**7.0**	**9.17**	2.7
21	0 —	0 —	0 —	0 —	0 —	0.0	10.40	3.0
22	0 —	0 —	0 —	0 —	0 —	0.0	10.38	3.4
23	0 —	0 —	1 ck	0 —	0 sk	0.2	9.95	4.4
24	1 sk	10 sk	10 kn	10 n	10 n	8.2	4.79	3.2
25	10 n	0 sk	3 sk	0 —	8 sk, kc	4.2	8.88	2.0
26	1 sk	10 s, sk	4 sk	10 s, cs	8 kc, cs	6.6	7.05	2.1
27	10 sc	10 sk, kc	8 sk	10 kc, sk	10 cs	9.6	6.94	2.1
28	3 sk	9 cs, c	10 c, cs	8 c, cs	0 —	6.0	7.65	2.0
29	0 —	0 —	0 —	0 —	0 —	0.0	9.80	2.5
30	0 —	0 —	0 —	0 —	0 —	0.0	9.82	2.6
31	0 c	6 c, ck	0 —	0 —	8 ck	2.8	9.60	2.8
平均 Mean	2.7	3.2	3.4	2.8	2.3	2.9	283.68	100.2

* 重力ノ更正　Reduction to standard gravity……— 0.2
海面ヘノ更正　Reduction to mean sea level……+ 4.1

長　春

昭和六年十月　　CHANGCHUN.　　OCTOBER, 1931.

氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +)

Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	39.9	40.2	41.5	41.3	42.0	42.2	41.2
2	42.2	42.2	43.0	42.7	42.7	44.6	42.9
3	44.8	45.6	46.1	44.5	44.9	45.4	45.2
4	45.4	45.5	44.5	43.1	41.0	45.6	44.7
5	45.3	44.3	44.6	41.9	40.4	38.7	42.5
6	37.6	36.2	35.8	36.0	37.1	39.1	37.0
7	39.4	40.3	40.9	40.0	41.1	41.5	40.5
8	42.3	43.5	43.1	44.2	46.2	48.8	44.7
9	50.1	51.2	52.5	52.5	52.9	54.0	52.2
10	54.7	55.0	55.3	53.1	53.2	52.9	54.0
11	52.2	51.5	50.6	48.1	48.0	48.1	49.8
12	47.6	47.0	46.5	44.1	42.9	42.7	45.1
13	42.0	40.6	40.9	38.2	37.5	39.8	39.8
14	39.8	40.0	41.5	41.5	42.7	43.5	41.5
15	43.6	43.8	43.0	40.3	38.9	38.1	41.3
16	42.7	36.7	39.2	39.1	39.9	41.9	39.9
17	43.1	44.7	45.2	45.7	45.8	45.6	45.0
18	49.3	45.6	47.1	47.1	48.5	49.9	47.9
19	50.9	52.1	53.1	52.1	51.9	51.3	51.9
20	50.4	50.0	47.7	44.9	44.5	44.2	47.0
21	44.2	46.1	48.1	48.0	48.4	48.8	47.3
22	49.4	50.4	48.9	46.7	46.2	46.4	48.0
23	45.4	44.0	44.0	42.3	42.1	41.9	43.3
24	41.0	39.5	38.4	39.5	41.0	42.3	40.3
25	43.3	44.8	45.7	44.2	44.8	43.9	44.5
26	42.7	41.6	41.0	40.3	40.5	40.2	41.1
27	39.9	39.5	40.2	40.2	40.5	40.6	40.2
28	40.7	41.0	42.5	43.3	45.3	46.0	43.1
29	46.4	46.4	47.3	47.2	47.2	47.5	47.0
30	47.1	46.8	46.0	44.6	44.5	44.7	45.6
31	44.7	44.9	45.6	46.4	47.8	49.5	46.5
平均 Mean	44.8	44.5	44.8	44.0	44.3	44.8	44.5

風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.

Day	2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h.
1	SW	1.4	SW	1.1	W	2.5	WSW	1.8	WSW	0.6	WSW	1.2	1.5
2	WSW	1.5	SW	1.5	SW	3.5	SW	2.3	SW	1.1	SW	1.5	2.0
3	SW	1.5	SSW	2.5	SW	3.5	SW	3.4	SW	3.4	SSW	3.2	2.5
4	SSW	1.6	SSW	2.4	SW	3.9	SSW	6.8	WSW	1.6	—	0.4	3.1
5	WSW	2.1	S	1.8	SW	4.1	SW	3.1	SW	2.5	SW	3.1	2.7
6	SW	4.1	SW	3.5	SW	3.6	W	2.3	W	2.8	W	2.7	3.6
7	W	2.7	W	1.5	W	4.9	W	5.0	W	1.4	W	0.8	2.8
8	W	1.6	W	2.0	W	4.0	NW	3.2	N	0.8	N	0.9	2.2
9	NW	1.3	NW	0.9	NW	2.6	NW	2.5	N	0.8	—	0.1	1.5
10	N	0.6	N	1.6	WNW	1.2	NW	2.0	—	0.2	W	1.3	1.2
11	SW	1.6	SW	1.1	WSW	1.8	SW	1.8	SW	1.6	SW	2.3	2.4
12	SW	0.9	SW	3.2	SW	4.8	SW	3.2	SSW	2.0	SSW	1.4	2.4
13	S	1.9	S	1.8	WSW	2.9	WSW	2.2	WSW	1.5	W	1.5	2.2
14	W	1.3	W	3.2	NW	5.8	WNW	5.0	SW	0.6	SW	1.2	2.5
15	SW	1.3	SW	2.5	SW	3.2	S	2.9	SSW	2.5	SW	5.1	2.5
16	W	7.9	W	6.4	W	7.6	W	7.6	W	7.0	W	6.4	6.8
17	W	3.1	W	3.5	NW	4.7	WNW	4.4	WNW	1.4	WNW	2.3	3.6
18	W	3.5	W	2.0	N	1.6	NW	3.5	NNW	1.2	NNW	2.1	2.3
19	WNW	1.6	—	0.4	NW	2.3	NW	2.1	W	0.6	W	1.2	1.5
20	W	2.0	SSW	2.9	SW	5.0	SW	5.8	SW	4.1	SW	3.1	3.4
21	SW	2.3	SW	1.3	N	2.8	N	2.6	NNW	0.7	SW	0.6	1.9
22	S	0.5	S	1.2	SSW	2.2	SW	2.9	SSW	1.3	SSW	2.5	1.6
23	SSW	2.9	SSW	2.5	SSW	3.0	SW	4.1	SW	1.9	W	3.4	2.8
24	SW	4.7	SW	4.0	SW	6.4	NW	4.1	NW	4.7	N	4.4	4.4
25	N	4.1	NW	2.5	NNW	4.4	NW	4.9	WNW	1.2	WNW	2.0	3.1
26	W	2.5	W	3.5	W	7.6	WNW	5.3	W	2.2	NW	2.1	3.9
27	W	3.1	W	3.4	NW	5.8	NW	5.0	NW	0.9	NW	4.7	3.1
28	NW	5.8	NW	5.8	NW	4.7	WNW	4.3	NNW	1.5	N	0.7	3.7
29	W	1.8	W	1.5	W	2.9	W	3.9	W	2.6	W	4.1	2.1
30	W	2.3	W	1.8	SW	4.3	SW	4.1	SSW	2.5	SSW	1.5	2.7
31	SSW	3.1	SSW	2.8	WSW	4.2	WNW	3.6	NE	1.6	NE	0.9	2.3
平均 Mean		2.5		2.5		3.9		3.7		1.9		2.2	2.7

降水量 (粍) AMOUNT OF PRECIPITATION. (mm)

Day	22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
1	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—
4	—	—	—	—	0.1	—	0.1
5	—	—	—	—	—	—	—
6	—	0.3	—	0.3	—	—	0.6
7	—	—	—	—	—	—	—
8	—	—	—	0.1	—	—	0.1
9	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—
16	—	1.3	—	—	—	—	1.3
17	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—
24	—	—	—	—	—	1.1	1.1
25	3.2	—	—	—	—	—	3.2
26	—	—	—	—	—	—	—
27	—	0.3	0.0	0.3	1.7	0.7	3.0
28	0.5	0.3	—	—	—	—	0.8
29	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—
平均 Mean	3.7	2.2	0.0	0.7	1.8	1.8	10.2

氣溫 (攝氏) AIR TEMPERATURE. (°C)

Day	2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range
1	3.9	3.1	11.7	16.2	8.8	4.2	8.0	16.5	2.0	14.5
2	3.6	4.0	17.7	22.1	16.1	12.6	12.7	22.7	2.0	20.7
3	10.1	10.5	21.1	24.8	20.8	14.2	16.9	25.0	9.9	15.1
4	12.3	12.0	21.7	25.3	20.7	16.2	18.0	25.4	9.8	15.6
5	14.8	13.1	23.2	24.8	19.6	19.0	19.1	25.7	12.5	13.2
6	17.2	14.0	15.1	17.2	12.2	6.4	13.7	20.1	6.1	14.0
7	4.9	3.6	11.0	13.8	7.4	4.1	7.5	13.9	2.7	11.2
8	3.0	2.4	5.6	7.1	3.3	2.0	3.9	8.1	1.0	7.1
9	0.6	0.0	7.7	7.0	5.2	3.7	4.0	8.7	99.8	8.9
10	0.6	1.0	8.8	12.4	4.0	3.0	5.0	12.6	98.6	14.0
11	3.5	99.7	11.1	15.6	9.6	7.0	7.8	15.7	98.2	17.5
12	2.9	4.6	15.0	19.5	12.9	9.6	10.8	19.7	0.8	18.9
13	7.1	6.2	14.7	19.6	13.8	8.8	11.7	20.3	5.2	15.1
14	6.4	4.8	11.4	13.9	7.9	6.5	8.5	14.0	4.1	9.9
15	2.3	6.1	16.1	18.4	15.0	18.0	12.7	18.5	1.9	16.6
16	14.5	10.6	8.4	10.8	7.3	3.8	9.2	18.0	3.5	14.5
17	0.7	99.6	6.9	6.4	4.4	2.6	3.4	10.3	99.2	11.1
18	0.4	99.4	7.1	9.7	4.6	1.8	3.8	10.5	98.5	12.0
19	98.9	97.0	9.0	11.6	5.6	2.0	4.0	12.2	96.3	15.9
20	99.6	0.6	13.1	14.7	10.0	6.7	7.5	16.8	99.3	17.5
21	3.0	1.0	11.3	14.0	8.2	2.4	6.7	14.3	0.8	13.5
22	99.6	98.6	14.2	17.4	10.2	6.9	7.8	18.2	98.5	19.7
23	3.6	3.9	15.7	19.5	12.6	9.8	10.9	19.7	3.2	16.5
24	9.2	8.0	15.2	9.6	3.3	99.0	7.4	15.7	98.8	16.9
25	97.0	96.8	98.7	0.0	96.8	95.0	97.4	1.0	94.6	6.4
26	93.8	93.6	95.9	97.6	96.2	94.2	95.2	98.6	92.0	6.6
27	92.3	92.3	95.9	96.3	95.8	96.0	94.8	97.0	91.8	5.2
28	98.4	99.6	2.1	5.0	98.8	96.6	0.1	5.2	94.0	11.2
29	98.2	94.3	4.8	9.6	4.0	1.5	2.1	9.7	93.8	15.9
30	0.8	98.6	8.4	13.0	7.9	0.7	4.9	13.3	96.8	16.5
31	3.1	0.9	9.3	11.6	7.6	1.2	5.6	11.7	0.2	11.5
平均 Mean	3.4	2.6	10.6	13.0	8.1	5.0	7.1	14.2	0.5	13.7

濕度 (百分率) REL. HUMIDITY. (%)

Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	88	94	70	41	68	79	74
2	91	86	68	47	70	83	74
3	83	85	58	52	53	85	69
4	92	87	56	48	62	76	70
5	85	95	63	35	53	56	65
6	58	83	84	48	64	75	69
7	59	72	58	31	45	80	58
8	90	92	74	63	94	98	85
9	98	94	38	44	62	71	68
10	79	82	42	29	61	48	57
11	70	65	34	27	41	51	48
12	72	67	47	34	46	57	54
13	83	84	53	27	39	66	59
14	55	55	42	31	60	42	48
15	54	51	30	26	36	43	40
16	69	64	44	30	36	48	48
17	52	55	30	27	46	48	43
18	56	58	34	28	50	50	46
19	58	71	31	25	46	44	46
20	46	50	36	32	49	64	46
21	60	73	38	29	39	57	49
22	75	76	32	26	44	47	50
23	51	52	33	35	51	47	45
24	57	63	51	65	70	97	68
25	96	86	60	42	54	56	66
26	53	58	62	37	44	65	53
27	85	97	75	89	100	100	91
28	95	72	63	40	58	74	67
29	63	80	55	36	51	52	56
30	53	66	58	32	45	66	53
31	54	60	43	33	50	73	52
平均 Mean	70	73	50	38	54	64	59

雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD.

Day	6h		10h		14h		18h		22h		平均 Mean	日照時數 No. of hours with sunshine	蒸發量 (粍) Amount of evaporation.
1	0	—	0	—	0	—	0	—	0	—	0.0	10.70	4.0
2	0	c	0	—	0	—	4	sk	4	sk	1.6	9.85	5.5
3	0	sk	0	—	0	sk	0	—	0	—	0.0	10.80	6.5
4	0	—	0	—	10	s	10	sk	0	sk	4.0	9.90	8.3
5	9	c, ck	3	c	10	sk	10	sk	10	s	8.4	10.50	6.3
6	10	s	10	sk	0	s	10	c	0	—	6.0	2.50	3.1
7	0	c	0	—	0	—	0	—	10	sk	2.0	10.50	6.0
8	10	s	10	s, sk	8	sk	2	c	0	—	6.0	1.90	3.2
9	7	sk	0	s	10	sk	10	s	0	—	5.4	6.30	3.4
10	0	—	0	—	0	—	0	—	0	—	0.0	10.10	5.0
11	0	—	0	—	0	—	0	—	0	—	0.0	10.60	6.5
12	0	—	0	—	0	—	0	—	0	—	0.0	10.50	7.5
13	10	c	7	c	0	—	0	—	0	—	3.4	7.50	6.0
14	0	—	0	—	0	sk	0	—	0	—	0.0	10.30	6.9
15	10	c	10	c	10	sk, s	10	s	10	s	10.0	5.30	7.9
16	10	s	7	sk	0	—	0	—	0	—	3.4	7.70	5.7
17	0	—	0	—	0	—	0	—	0	—	0.0	9.10	4.2
18	0	—	0	—	1	sk	0	—	0	—	0.2	10.50	4.2
19	0	—	0	—	0	—	0	—	0	—	0.0	10.20	3.8
20	0	—	9	c	10	cs	10	c	0	—	5.8	8.60	4.5
21	0	—	0	—	0	—	0	—	0	—	0.0	10.00	3.7
22	0	—	0	—	0	—	0	—	0	—	0.0	10.00	4.4
23	0	—	0	—	0	—	10	kc	8	ck, kc	3.6	10.00	6.0
24	8	sk	0	—	10	sc	10	s	10	n	7.6	7.30	2.6
25	10	sk	2	c, ck	10	sk	10	sk	10	sk	8.4	4.90	1.5
26	0	—	10	c, s	10	sc, s	10	c, s	10	c	8.0	6.00	1.3
27	10	n	10	s	10	n	10	n	10	n	10.0	0.00	0.7
28	10	s	10	sc, c	3	cs	0	c	0	—	4.6	5.95	2.2
29	0	—	3	c	0	—	0	—	0	—	0.6	9.30	2.0
30	0	—	0	—	3	c	10	c	0	c	2.6	9.50	3.1
31	0	—	0	—	10	ck	10	kc	0	—	4.0	8.60	1.8
平均 Mean	3.4		2.9		3.7		4.4		2.6		3.4	254.90	137.3

* 重力ノ更正　Reduction to standard gravity ····· − 0.1
海面ヘノ更正　Reduction to mean sea level ····· + 19.8

旅順

昭和六年十月 RYOJUN. OCTOBER, 1931.

日 Day	氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	57.6	56.3	57.5	57.1	W	0.9	W	5.3	—	0.0	1.8	—	—	—	—
2	57.5	58.3	58.5	58.1	—	0.0	SE	3.3	SSE	1.4	1.6	—	—	—	—
3	58.8	59.7	60.5	59.7	S	4.7	SE	3.6	SSW	3.2	3.1	—	—	—	—
4	59.9	60.8	61.0	60.6	SSW	2.2	SE	3.9	S	4.1	3.3	—	—	—	—
5	59.4	56.9	55.2	57.2	SE	4.1	SE	6.8	S	4.1	4.5	—	—	—	—
6	52.7	**50.6**	52.5	51.9	S	5.8	WSW	10.3	—	0.2	4.3	—	—	—	—
7	52.9	54.6	57.9	55.1	NE	1.8	NNE	7.4	—	0.2	3.8	—	0.3	0.5	0.8
8	60.1	61.0	62.1	61.1	NW	4.6	WNW	5.2	W	2.7	4.8	—	—	—	—
9	65.7	66.8	68.1	66.9	NNE	5.3	NE	3.3	NE	1.8	3.6	—	—	—	—
10	68.3	**68.7**	67.5	68.2	—	0.0	NE	4.1	NE	2.9	2.3	—	—	—	—
11	66.7	65.5	64.0	65.4	NE	1.9	SSE	2.3	—	0.0	1.2	—	—	—	—
12	62.6	61.4	60.4	61.5	—	0.0	SW	3.4	—	0.0	0.9	—	—	—	—
13	57.8	55.3	55.0	56.0	—	0.0	W	6.2	W	4.9	3.5	—	—	—	—
14	56.3	58.2	59.1	57.9	—	0.4	NNW	2.6	—	0.0	2.3	—	—	—	—
15	59.0	57.6	56.0	57.5	—	0.1	SE	4.2	SSW	5.8	2.8	—	—	—	—
16	56.2	57.3	60.0	57.8	W	5.9	NE	9.6	—	0.0	4.6	0.6	1.5	—	2.1
17	61.7	61.9	62.1	61.9	—	0.0	ENE	1.9	—	0.2	0.9	—	—	—	—
18	62.0	62.4	64.7	63.0	NW	0.9	NE	4.7	NNE	1.2	2.8	—	—	—	—
19	67.5	67.1	66.9	66.9	—	0.0	NW	2.4	—	0.0	0.8	—	—	—	—
20	65.6	64.0	62.8	64.1	—	0.0	W	7.0	W	5.3	3.3	—	—	—	—
21	62.0	62.6	63.9	62.8	WNW	5.7	N	3.6	—	0.0	2.7	—	—	—	—
22	63.8	61.6	60.1	61.8	N	0.9	WSW	5.8	—	0.0	1.5	—	—	—	—
23	59.4	58.9	58.1	58.8	—	0.0	SSW	3.7	SSE	1.8	1.4	—	—	—	—
24	56.5	54.8	55.6	55.6	—	0.0	SSW	4.9	W	13.4	4.4	—	—	—	—
25	59.8	62.2	62.6	61.5	NE	7.4	NNW	5.5	WNW	2.2	5.8	—	—	—	—
26	60.4	60.0	58.8	59.7	NNE	1.5	WNW	7.8	WNW	**14.0**	6.7	0.0	0.5	0.0	0.5
27	57.9	59.3	60.8	59.3	WNW	5.0	WNW	7.0	WNW	7.6	6.8	—	—	—	—
28	61.0	61.8	61.6	61.5	NE	1.8	WNW	7.0	W	5.4	5.1	—	—	—	—
29	62.9	62.8	62.6	62.8	NE	0.7	WNW	5.8	WSW	2.3	3.1	—	—	—	—
30	61.7	61.0	61.4	61.4	W	2.9	W	8.5	WSW	2.9	4.6	—	—	—	—
31	61.2	61.4	62.9	61.8	WSW	3.5	W	9.8	WSW	1.8	5.3	—	—	—	—
平均 Mean	60.5	60.3	60.6	60.5		2.2		5.4		2.9	3.3	0.6	2.3	0.5	3.4

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	16.6	22.1	16.1	18.3	23.4	12.1	11.3	63	39	66	56	0 —	0 —	0 —	0.0	10.75	4.9
2	15.9	22.2	18.5	18.9	23.9	14.7	9.2	76	64	83	74	0 —	0 —	0 —	0.0	10.70	3.8
3	18.4	23.2	19.2	20.3	24.2	17.3	6.9	78	55	91	75	0 kc	0 sk	0 —	0.0	8.41	3.9
4	18.2	22.0	18.4	19.5	24.6	16.5	8.1	82	71	88	80	0 —	0 —	0 —	0.0	10.55	3.0
5	17.2	21.8	19.5	19.5	22.7	15.7	7.0	93	66	84	81	7 c, s	0 —	0 —	2.3	8.92	4.3
6	19.2	23.4	17.0	19.9	**24.9**	15.2	9.7	91	70	78	80	10 cs	10 sk	10 cs	10.0	8.57	4.7
7	14.8	11.8	12.2	12.9	19.5	11.0	8.5	81	69	46	65	0 —	10 ku	10 s	6.7	2.00	4.8
8	11.6	15.8	13.8	13.7	16.8	10.3	6.5	35	**30**	39	35	0 sk	2 k	0 —	0.7	10.40	6.4
9	9.2	10.5	7.8	9.2	14.5	6.7	7.8	56	49	44	50	10 sk	10 sk	0 —	6.7	5.50	4.2
10	5.0	13.2	9.1	9.1	13.9	4.2	9.7	57	34	65	52	1 sk	0 —	0 —	0.3	10.50	4.8
11	7.4	17.0	11.0	11.8	17.7	5.8	11.9	54	36	62	51	0 —	0 —	0 —	0.0	10.30	4.0
12	10.6	19.2	12.0	13.9	19.9	9.0	10.9	68	46	74	63	0 —	2 k, sk	0 —	0.7	10.35	3.4
13	12.5	20.4	14.8	15.9	20.7	11.1	9.6	77	51	89	72	9 cs	0 sk, c	0 —	3.0	9.43	4.6
14	14.2	20.6	13.1	16.0	21.3	10.7	10.5	83	**30**	59	57	0 —	0 —	0 —	0.0	10.40	4.9
15	12.4	21.3	18.1	17.3	23.1	10.9	**12.2**	84	59	64	69	0 —	1 cs	10 s	3.7	9.95	3.5
16	15.3	14.8	9.8	13.3	18.3	8.9	9.4	87	40	41	56	10 n	0 sk	10 sc	6.7	6.60	4.3
17	8.0	11.0	9.1	9.4	11.9	6.9	5.0	48	44	48	47	10 cs	10 sc	10 sc	10.0	1.25	3.3
18	11.0	16.2	10.1	12.4	17.3	8.0	9.3	55	**30**	48	44	9 c, cs	8 c	0 —	5.7	8.96	5.2
19	7.6	15.4	10.8	11.3	17.2	6.3	10.9	77	32	42	50	0 —	0 —	0 —	0.0	10.20	4.0
20	10.6	16.9	13.5	13.7	18.4	8.7	9.7	68	46	51	55	0 —	10 ck, sk	8 kc, c	6.0	5.05	4.4
21	13.5	19.6	13.5	15.5	20.4	12.5	7.9	67	31	50	49	0 —	0 —	0 —	0.0	9.90	5.2
22	12.4	20.6	13.3	15.4	20.6	10.6	10.0	63	31	72	55	0 —	0 —	0 —	0.0	10.00	4.3
23	12.1	20.7	14.2	15.7	21.1	11.3	9.8	86	37	75	66	0 —	0 c	2 c	0.7	7.67	4.0
24	13.3	21.2	10.8	15.1	21.7	10.0	11.7	82	39	51	57	7 c	0 —	10 sk	5.7	9.10	5.5
25	5.0	5.4	5.4	5.3	12.3	3.5	8.8	46	38	36	40	10 sk	10 sk	10 sk	10.0	7.15	3.0
26	3.6	6.9	7.4	6.0	7.7	**1.6**	6.1	66	**30**	35	44	10 n	9 sk	10 sk	9.7	2.25	5.7
27	6.0	7.6	6.8	6.8	8.6	4.6	**4.0**	41	38	42	40	3 sk	7 sk	0 sk	3.3	6.03	5.0
28	6.0	10.4	8.7	8.4	12.0	4.3	7.7	52	41	62	52	0 —	0 —	0 —	0.0	9.80	4.6
29	7.8	14.3	9.4	10.5	15.3	6.9	8.4	55	34	51	47	0 —	0 —	0 —	0.0	9.64	4.8
30	9.8	16.6	12.1	12.8	17.3	8.2	9.1	59	45	62	55	0 —	0 —	0 —	0.0	9.60	4.0
31	10.8	17.2	11.8	13.3	17.5	9.2	8.3	74	47	63	61	0 —	0 —	0 —	0.0	9.70	4.0
平均 Mean	11.5	16.8	12.5	13.6	18.3	9.4	8.9	68	44	60	57	3.1	2.9	2.9	3.0	259.63	136.5

* 重力ノ更正 Reduction to standard gravity ····· — 0.4
海面ヘノ更正 Reduction to mean sea level ····· + 7.2

鞍　山

昭和六年十月　　ANSHAN.　　OCTOBER, 1931.

日 Day	氣壓 AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	59.5	60.0	61.3	60.3	S	1.2	N	3.3	SSW	1.8	1.8	—	—	—	—
2	59.5	60.1	62.1	60.6	SSW	1.7	SW	6.2	SSW	4.7	3.8	—	—	—	—
3	63.7	62.9	64.7	63.8	S	2.3	SW	7.6	SSW	3.8	4.1	—	—	—	—
4	63.0	62.8	63.5	63.1	SW	1.1	SW	6.9	—	0.7	3.8	—	—	—	—
5	62.2	60.7	57.4	60.1	SSW	1.5	SW	6.4	SW	6.7	4.5	—	—	—	—
6	55.6	**54.6**	56.2	55.5	E	3.5	SW	2.9	—	0.3	2.3	8.8	**20.2**	—	**29.0**
7	59.0	60.6	60.9	60.2	NE	2.0	NE	3.5	SW	2.0	1.9	—	—	—	—
8	62.8	63.8	66.5	64.4	WSW	1.8	W	3.2	NW	1.1	2.0	—	—	—	—
9	70.6	72.1	71.7	71.5	N	1.8	N	3.8	—	0.0	2.4	—	—	—	—
10	**73.2**	72.2	72.0	72.5	SW	2.0	NE	4.3	SW	1.1	1.9	—	—	—	—
11	70.0	69.5	67.5	69.0	S	0.7	NE	2.6	S	1.2	1.8	—	—	—	—
12	64.1	62.8	62.7	63.2	S	3.2	SSW	7.6	S	1.2	4.6	—	—	—	—
13	58.9	56.9	57.7	57.8	S	5.2	SW	5.3	SSW	2.3	4.1	—	—	—	—
14	59.8	61.1	62.2	61.0	SSW	1.8	NE	2.3	S	2.5	2.7	—	—	—	—
15	61.2	58.7	68.7	59.5	S	2.3	SSW	**9.1**	SSW	7.0	5.0	—	—	—	—
16	57.7	61.0	64.6	61.1	SSW	2.9	NNE	6.4	W	1.8	4.3	4.5	7.9	—	12.4
17	65.0	64.9	65.8	65.2	WNW	2.3	NNE	4.7	SW	1.8	2.6	—	—	—	—
18	64.7	66.3	68.7	66.6	SW	2.9	NE	4.4	—	0.0	2.3	—	—	—	—
19	70.9	71.5	70.3	70.9	SW	1.4	NE	2.3	SSW	1.1	1.4	—	—	—	—
20	69.0	65.8	65.0	66.6	SW	2.0	SW	5.8	SW	3.8	4.0	—	—	—	—
21	65.5	67.1	67.0	66.5	SSW	1.8	ENE	2.9	SE	1.8	2.1	—	—	—	—
22	67.2	65.1	64.5	65.6	SW	2.6	S	1.8	SSW	1.4	1.5	—	—	—	—
23	62.8	60.9	60.4	61.4	SSW	3.3	SW	7.0	SSW	3.8	4.4	—	—	—	—
24	58.1	56.2	62.0	58.8	SSW	4.1	SW	6.4	NE	6.2	5.0	—	—	7.5	7.5
25	65.4	66.8	65.4	65.9	NNE	7.9	NE	6.4	SW	1.8	5.7	4.2	—	—	4.2
26	63.5	61.2	62.3	62.3	W	1.8	WSW	5.3	WNW	4.0	2.9	—	—	—	—
27	62.8	61.8	63.4	62.7	NW	2.9	WNW	5.8	SW	1.8	2.8	—	—	—	—
28	63.6	62.3	64.5	63.5	SW	2.8	W	4.1	S	1.7	2.1	—	—	—	—
29	66.6	65.1	66.2	66.0	S	1.8	WSW	2.3	SSW	1.8	1.5	—	—	—	—
30	64.0	64.5	63.7	64.1	SSW	2.1	WSW	2.6	S	2.3	2.0	—	—	—	—
31	63.7	64.7	65.6	64.7	S	2.9	WSW	2.7	S	1.2	1.9	—	—	—	—
平均 Mean	63.7	63.4	64.0	63.7		2.5		4.7		2.3	3.0	17.5	28.1	7.5	53.1

日 Day	氣溫 AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	發蒸量 (粍) AMOUNT OF EVAPORATION.
1	6.6	18.1	10.5	11.7	20.3	5.7	14.6	89	29	57	58	0 —	0 —	0 —	0.0	10.90	5.6
2	9.3	24.9	17.6	17.3	26.0	8.5	17.5	66	25	59	50	0 —	0 —	0 —	0.0	10.30	7.8
3	16.9	26.4	19.1	20.8	27.3	16.0	11.3	69	37	62	56	1 cs	7 cs	0 —	2.7	9.70	7.6
4	17.1	27.5	18.1	20.9	28.0	16.4	11.6	68	35	74	59	0 —	1 k	0 —	0.3	9.90	5.9
5	14.3	24.2	19.9	19.5	25.9	13.1	12.8	70	37	45	51	1 cs	9 cs	0 —	3.3	5.10	6.0
6	14.1	17.0	12.3	14.5	19.7	12.1	7.6	93	77	87	86	10 n	9 sk	5 sk	8.0	2.30	2.0
7	9.1	11.1	5.3	8.5	12.7	5.1	7.6	75	50	87	71	10 sk	10 sk	0 —	6.7	1.50	1.9
8	3.6	12.4	7.1	7.7	14.2	2.9	11.3	72	43	77	64	0 —	7 sk	3 sk	3.3	8.25	2.7
9	3.4	8.3	1.8	4.5	9.4	1.8	7.6	93	44	81	73	9 sk	10 sk	0 —	6.3	9.20	2.8
10	99.2	11.3	2.8	4.4	11.7	98.1	13.6	82	36	78	65	0 —	0 —	0 —	0.0	10.60	3.0
11	99.0	13.4	6.8	6.4	14.5	98.1	16.4	86	30	62	59	0 —	0 —	0 —	0.0	10.60	4.9
12	10.1	19.3	10.6	13.3	20.1	6.2	13.9	70	42	78	63	0 —	0 —	0 —	0.0	10.20	5.3
13	12.1	20.3	12.9	15.1	21.5	9.5	12.0	63	39	66	56	0 —	5 cs	0 —	1.7	9.30	3.9
14	7.6	17.9	8.7	11.4	19.8	6.4	13.4	77	24	55	52	0 —	0 —	0 —	0.0	10.65	4.9
15	7.5	23.2	18.6	16.4	24.3	6.4	17.9	51	19	41	37	0 —	8 cs	10 sk	6.0	7.95	8.8
16	13.5	13.3	5.7	10.8	19.1	5.5	13.6	95	35	60	63	10 n	1 k	0 —	3.7	7.30	4.3
17	3.5	10.5	3.6	5.9	11.1	1.5	9.6	56	32	72	53	0 —	0 —	4 sk	1.3	9.90	3.9
18	5.2	11.9	3.6	6.9	12.6	2.4	10.2	65	33	72	57	1 sk	1 k	0 —	0.7	9.50	3.6
19	0.8	12.6	4.2	5.9	13.5	99.8	13.7	92	30	69	64	0 —	0 —	0 —	0.0	10.10	3.2
20	3.8	16.7	12.0	10.8	18.2	1.9	16.3	59	41	55	52	0 —	0 —	10 sk	3.3	7.80	4.6
21	5.1	15.8	8.2	9.7	16.3	4.8	11.5	86	34	53	60	0 —	0 —	0 —	0.0	9.80	3.6
22	4.6	19.5	9.2	11.1	20.8	1.9	18.9	67	28	74	53	0 —	0 —	0 —	0.0	9.60	4.0
23	10.3	20.5	13.5	14.8	21.2	8.4	12.8	62	26	55	48	0 —	0 —	0 —	0.0	9.90	6.2
24	13.7	19.7	5.2	12.9	21.3	4.8	16.5	47	42	86	58	0 —	10 sk	10 n	6.7	5.70	5.3
25	99.8	2.1	97.8	99.9	5.4	97.3	8.1	67	38	95	67	10 sk	1 cs	0 —	3.7	8.00	2.9
26	98.5	3.8	0.5	0.9	4.4	96.1	8.3	75	88	63	75	0 —	8 sk	0 —	2.7	6.95	2.3
27	98.9	3.0	97.0	99.6	3.7	97.0	6.7	44	38	56	46	9 sk	8 sk	2 sk	6.3	3.00	2.3
28	99.4	9.1	2.7	3.7	10.6	98.0	12.6	76	32	74	61	0 —	4 cs	7 cs	3.7	9.10	2.7
29	99.6	11.1	2.5	4.4	12.8	99.0	13.8	63	28	57	49	0 —	0 —	0 —	0.0	9.00	2.7
30	1.3	15.3	4.0	6.9	16.0	0.9	15.1	67	28	60	52	0 —	0 —	0 —	0.0	10.00	3.3
31	5.5	16.3	5.6	9.1	17.4	2.9	14.5	54	37	61	51	0 —	1 cs	0 —	0.3	8.70	2.9
平均 Mean	6.2	15.4	8.0	9.9	16.8	4.2	12.6	71	37	67	58	2.0	3.2	1.6	2.3	260.20	130.1

* 重力ノ更正　Reduction to standard gravity……— 0.3
海面ヘノ更正　Reduction to mean sea level……+ 3.4

鄭家屯

昭和六年十月 CHENGCHIATUN. OCTOBER, 1931.

日 Day	氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	51.9	51.5	52.9	52.1	WNW	1.8	WNW	2.3	SSW	1.6	1.7	—	—	—	—
2	53.2	53.2	54.4	53.6	S	2.0	SSW	3.9	SW	2.2	2.7	—	—	—	—
3	55.1	50.3	55.8	53.7	SSW	3.3	WSW	6.4	SSW	4.1	3.8	—	—	—	—
4	55.2	54.4	55.9	55.2	SSW	3.9	WSW	8.2	SW	4.0	4.6	—	—	—	—
5	54.4	52.7	49.2	52.1	SW	2.8	SW	6.7	SSW	3.3	4.4	—	—	—	—
6	46.1	48.2	51.1	48.5	SSW	6.1	NNW	6.1	WNW	0.6	5.3	—	0.0	—	0.0
7	51.8	51.6	53.4	52.3	NW	3.9	WNW	6.0	—	0.2	4.2	—	—	—	—
8	54.4	55.7	60.8	57.0	NW	4.7	N	4.7	NNE	2.7	3.7	—	0.2	—	0.2
9	62.6	64.2	65.9	64.2	NNW	2.0	N	2.9	—	0.0	2.2	—	—	—	—
10	66.0	64.9	64.4	65.1	NNW	0.7	W	1.7	W	0.8	1.1	—	—	—	—
11	62.6	59.0	58.1	59.9	SW	1.7	WSW	6.2	SSW	2.5	3.6	—	—	—	—
12	56.7	54.9	62.4	54.7	SSW	2.8	SW	5.5	SW	5.1	4.3	—	—	—	—
13	51.7	50.2	50.7	50.9	SW	1.3	SW	0.9	NW	2.1	2.0	—	—	—	—
14	51.4	52.6	54.1	52.7	WNW	4.0	WNW	6.9	S	0.9	3.3	—	—	—	—
15	53.4	49.3	46.9	49.9	SSW	3.1	SSW	7.8	SW	12.1	5.2	—	—	—	—
16	50.1	51.3	53.8	51.7	NW	2.6	NW	10.3	WNW	2.0	8.0	—	—	—	—
17	56.8	56.7	57.5	57.0	NW	2.6	NW	2.8	SW	1.4	3.3	—	—	—	—
18	57.6	58.2	61.2	59.0	NW	1.9	N	4.9	—	0.0	2.2	—	—	—	—
19	63.8	63.0	62.4	63.1	—	0.1	NNW	1.5	SW	2.5	1.0	—	—	—	—
20	61.2	56.4	55.9	57.8	SSW	1.8	WSW	5.5	WNW	2.2	3.6	—	—	—	—
21	57.7	58.6	59.3	58.5	NNW	3.6	N	4.1	—	0.0	2.6	—	—	—	—
22	59.0	57.0	56.1	57.4	SSE	1.5	SSW	5.3	SSW	2.9	2.4	—	—	—	—
23	54.7	51.9	50.7	52.4	SSW	2.5	SW	7.0	SSW	3.9	4.0	—	—	—	—
24	48.8	51.5	55.4	51.9	SW	6.4	NNE	3.7	NNE	3.9	5.5	—	—	2.1	2.1
25	58.0	57.2	55.8	57.0	NNW	4.4	NNW	0.6	WNW	2.6	3.7	0.3	—	—	0.3
26	54.1	52.6	53.3	53.3	NW	4.0	WNW	6.5	WNW	1.9	3.9	—	—	—	—
27	52.5	52.6	52.9	52.7	NW	3.8	WNW	6.0	NNW	1.1	3.5	—	—	—	—
28	53.6	55.2	56.8	55.2	NW	4.4	N	3.8	—	0.0	3.4	—	—	—	—
29	56.7	57.8	57.6	57.4	—	0.0	WNW	1.9	SW	1.8	0.7	—	—	—	—
30	57.3	56.0	55.7	56.3	SW	2.2	WSW	4.2	WNW	3.1	1.8	—	—	—	—
31	56.3	57.5	60.3	58.0	—	0.0	NNW	3.4	NNE	2.5	1.7	—	—	—	—
平均 Mean	55.6	55.0	55.8	55.5		2.8		4.8		2.4	3.3	0.3	0.2	2.1	2.6

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range.	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	2.2	16.5	9.0	9.2	18.1	1.8	16.3	89	37	64	63	0 —	0 —	0 —	0.0	10.86	3.5
2	4.0	21.5	12.7	13.1	22.3	3.9	18.4	91	46	76	71	0 —	0 —	0 —	0.0	10.74	3.7
3	10.6	24.4	19.1	18.0	25.0	9.6	15.4	92	43	54	63	0 —	0 —	0 —	0.0	10.74	5.4
4	14.5	25.0	17.4	19.0	25.1	14.3	10.8	83	52	75	70	0 —	7 ac, ck	0 —	2.3	7.09	3.8
5	14.4	23.5	18.6	18.8	24.2	12.3	11.9	93	33	56	61	0 —	8 cs, ck	10 n	6.0	8.01	5.8
6	14.3	17.5	9.5	13.8	18.9	7.9	11.0	77	32	51	53	10 n	0 —	0 —	3.3	6.53	4.8
7	4.9	13.3	3.8	7.3	14.2	3.8	10.4	57	21	75	51	3 cs	0 —	10 n	4.3	10.60	4.4
8	3.3	9.6	2.7	5.2	10.2	1.9	8.3	71	31	74	59	10 n	9 sc	0 —	6.3	7.59	2.9
9	99.0	8.1	5.3	4.1	9.3	98.2	11.1	87	32	58	59	0 —	7 k, kn	10 n	5.7	6.79	2.5
10	98.8	11.5	2.4	4.2	12.9	98.3	14.6	78	29	69	59	0 —	0 —	0 —	0.0	10.41	2.8
11	0.2	15.6	7.0	7.6	16.2	99.9	16.3	68	28	68	55	0 —	0 —	0 —	0.0	10.75	4.3
12	3.9	18.2	11.9	11.3	18.8	2.8	16.0	86	41	71	66	0 —	0 —	0 —	0.0	10.33	5.1
13	8.5	20.8	8.2	12.5	21.3	8.1	13.2	94	23	45	54	3 c	0 —	0 —	1.0	9.54	6.5
14	5.5	15.3	5.9	8.9	16.5	4.0	12.5	47	22	50	40	0 —	0 —	0 —	0.0	10.12	4.7
15	4.5	18.3	17.5	13.4	19.6	2.9	16.7	65	30	45	47	0 —	7 c, sc	10 n	5.7	5.14	5.1
16	7.9	11.8	5.9	8.5	17.7	5.4	12.3	48	23	38	36	10 n	0 —	0 —	3.3	9.80	6.5
17	0.7	9.8	1.6	4.0	11.0	99.8	11.2	43	26	60	43	0 —	0 —	0 —	0.0	10.08	4.2
18	99.0	10.4	1.6	3.7	11.1	98.4	12.7	56	26	62	48	0 —	0 —	3 k	1.0	10.18	3.6
19	97.8	12.9	5.5	5.4	14.2	97.3	16.9	70	27	51	49	0 —	0 —	0 —	0.0	10.21	3.3
20	0.6	15.5	6.2	7.4	15.8	0.3	15.5	75	31	49	52	0 —	10 cs, sc	0 —	3.3	7.19	4.0
21	4.4	15.2	3.7	7.8	15.7	2.7	12.0	51	29	71	50	0 —	0 —	0 —	0.0	10.02	3.5
22	0.4	18.5	8.7	9.2	18.7	99.9	18.8	75	28	53	52	0 —	0 —	0 —	0.0	10.05	4.4
23	4.5	18.4	11.9	11.6	19.1	3.3	15.8	81	39	60	60	0 —	6 c, ck	0 —	2.0	9.32	4.6
24	8.7	9.0	0.6	6.1	12.8	0.5	12.3	84	51	94	76	0 —	10 n	10 n	6.7	1.75	2.9
25	98.3	1.5	96.9	98.9	2.0	96.8	5.2	64	60	76	67	10 n	5 k	0 —	5.0	8.23	3.0
26	95.0	99.5	95.6	96.7	0.2	94.3	5.9	94	74	94	87	0 —	2 c	0 —	0.7	6.49	2.5
27	93.	1.3	99.6	97.8	2.4	92.3	10.1	97	55	83	78	8 n, kc	10 k, n	0 k	6.0	8.28	2.5
28	0.4	7.7	97.9	2.[illegible]	8.4	97.8	10.6	88	30	62	60	10 n	4 cs	0 —	4.7	9.22	2.7
29	94.2	11.0	1.6	2.3	12.7	93.7	19.0	97	30	55	61	0 —	0 —	0 —	0.0	9.19	2.7
30	96.3	13.5	2.6	4.1	13.8	95.3	18.5	94	24	45	54	0 —	0 —	2 kc	0.7	9.67	3.9
31	96.2	12.9	2.3	3.8	13.5	95.7	17.8	84	31	63	59	0 —	0 —	0 —	0.0	8.49	3.0
平均 Mean	2.8	13.8	6.2	7.6	14.9	1.4	13.5	77	35	63	58	2.1	2.7	1.8	2.2	269.01	125.6

* 重力ノ更正 Reduction to standard gravity ····· — 0.1
海面ヘノ更正 Reduction to mean sea level ····· + 10.8

洮南

昭和六年十月 TAONAN. OCTOBER, 1931.

日 Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND 5h		13h		21h		三十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	47.5	47.8	47.4	47.6	NW	1.4	NW	2.5	SSW	3.7	2.6	—	—	—	—
2	47.6	47.8	49.2	48.2	W	1.4	SW	3.4	SW	2.6	2.6	—	—	—	—
3	51.1	50.3	49.9	50.4	—	0.0	S	3.3	SE	2.3	1.5	—	—	—	—
4	48.0	49.2	51.4	49.5	SSW	6.1	W	7.3	WNW	1.9	4.7	—	—	—	—
5	50.4	46.6	42.7	46.6	SSW	0.5	SW	5.3	S	4.1	3.4	—	—	3.7	3.7
6	41.7	41.9	45.1	42.9	NNW	3.0	WNW	9.6	W	4.7	5.0	0.3	—	—	0.3
7	45.2	46.9	48.4	46.8	W	5.0	NNW	6.1	N	4.5	5.0	—	—	0.1	0.1
8	50.0	52.7	56.5	53.1	NNW	3.6	N	9.2	NW	1.5	4.9	—	—	—	—
9	58.9	60.4	61.6	60.3	WNW	3.2	NNW	4.9	NNW	1.8	3.4	—	—	—	—
10	62.1	60.0	59.2	60.4	WNW	1.6	W	2.6	SSW	3.4	2.6	—	—	—	—
11	55.3	51.1	51.9	52.8	SW	3.5	WSW	7.8	SSW	3.9	5.3	—	—	—	—
12	50.6	47.5	45.4	47.8	SSW	2.9	SSW	7.4	SW	8.1	5.4	—	—	—	—
13	45.0	43.0	44.9	44.6	SSW	3.5	W	10.8	WSW	4.3	5.9	—	—	—	—
14	46.0	47.5	49.4	47.6	WSW	4.7	NW	7.8	—	0.1	4.6	—	—	—	—
15	48.5	44.6	41.6	44.9	ESE	3.2	SSE	3.2	NNE	4.5	3.4	—	—	—	—
16	44.4	41.7	50.0	46.4	W	6.1	NW	13.0	WNW	8.5	7.9	—	—	—	—
17	51.5	52.0	52.1	51.9	W	3.2	WNW	4.1	W	2.4	4.0	—	—	—	—
18	53.7	55.3	57.8	55.6	WSW	1.9	NW	5.8	NW	2.8	3.4	—	—	—	—
19	59.6	59.0	57.7	58.8	NW	2.0	S	2.7	SSE	3.3	3.9	—	—	—	—
20	53.6	50.6	52.6	52.3	S	3.4	NW	7.0	WNW	3.3	4.1	—	—	—	—
21	54.2	55.6	56.4	55.4	W	2.7	NW	5.0	ESE	4.1	3.3	—	—	—	—
22	54.3	52.2	50.7	52.4	SSE	1.0	SSW	3.1	S	3.9	2.9	—	—	—	—
23	48.8	47.3	46.3	47.5	S	3.5	S	4.4	WSW	1.9	3.3	—	—	—	—
24	47.1	49.3	53.3	49.9	N	7.2	NNW	9.6	N	6.2	8.2	—	—	0.0	0.0
25	54.7	52.1	51.7	52.8	NW	5.9	NW	7.9	WNW	1.2	6.0	—	—	—	—
26	48.8	48.7	48.9	48.8	WNW	3.1	NW	6.5	NW	2.7	4.2	—	—	—	—
27	48.2	48.3	49.6	48.7	NW	6.0	NW	7.9	WNW	3.3	5.8	—	0.0	—	0.0
28	50.4	51.6	52.9	51.6	WNW	0.8	NW	5.8	W	1.4	2.9	—	—	—	—
29	53.8	54.6	53.7	54.0	W	2.2	W	2.1	NW	2.1	2.1	—	—	—	—
30	52.5	50.4	50.3	51.1	W	2.2	SW	4.0	SW	3.5	2.9	—	—	—	—
31	52.0	55.1	57.1	54.7	NW	3.2	N	7.2	N	1.1	3.7	—	—	—	—
平均 Mean	50.8	50.5	51.2	50.8		3.2		6.1		3.3	4.2	0.3	0.0	3.8	4.1

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean	日照時數 HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	0.4	18.3	10.7	9.8	20.8	0.3	20.5	93	36	66	65	0 —	0 —	0 —	0.0	11.45	4.2
2	4.8	22.0	13.3	13.4	23.2	4.4	18.8	95	50	67	71	0 —	0 —	0 —	0.0	11.22	4.5
3	5.9	21.8	13.7	13.8	23.6	5.9	17.7	97	47	74	73	0 —	0 —	0 —	0.0	11.03	3.9
4	13.0	19.1	9.5	13.9	20.8	9.4	11.4	90	30	51	57	3 c	10 cs	0 —	4.3	8.45	6.1
5	4.7	20.3	13.3	12.8	20.5	4.3	16.2	76	58	86	73	2 ck	10 cs	3 n	5.0	3.82	2.1
6	8.7	14.1	7.7	10.2	14.4	7.6	6.8	98	47	51	66	10 ≡	0 —	0 —	3.3	9.04	4.3
7	3.3	7.2	6.1	5.5	11.2	2.7	8.5	57	76	79	71	0 —	10 n	10 n	6.7	5.65	2.0
8	1.3	5.0	0.0	2.1	6.5	0.0	6.5	80	76	95	84	9 sk	10 c, k	1 c	6.7	7.44	2.3
9	97.3	7.7	0.3	1.8	9.0	97.0	12.0	75	40	84	66	0 —	9 sc	0 —	3.0	6.94	2.6
10	96.1	10.8	3.9	3.6	13.0	95.4	17.6	89	36	38	54	0 —	0 —	0 —	0.0	10.84	2.8
11	0.3	20.0	8.7	9.7	20.9	0.0	20.9	59	25	46	43	0 —	1 c	0 —	0.3	10.75	5.9
12	1.1	20.5	12.7	11.4	21.4	0.6	20.8	78	28	47	51	0 —	0 —	0 —	0.0	10.41	7.9
13	6.5	19.1	8.5	11.4	19.5	4.9	14.6	46	24	47	39	0 —	0 —	0 —	0.0	10.67	7.4
14	3.7	13.3	6.1	7.7	15.2	3.5	11.7	65	36	49	53	0 —	0 —	0 —	0.0	10.38	5.4
15	0.9	14.5	6.9	7.4	15.7	0.9	14.8	82	37	66	62	9 c	10 s	0 —	6.3	6.47	5.0
16	3.5	10.5	3.9	6.0	10.8	1.9	8.9	71	31	46	49	2 kc	3 sk	0 —	1.7	10.36	7.8
17	0.1	10.3	2.8	4.4	11.6	99.6	12.0	59	30	49	43	0 —	0 —	0 —	0.0	10.65	4.1
18	96.1	9.6	2.3	2.7	10.8	96.0	14.8	79	34	54	56	0 —	0 —	0 —	0.0	9.85	4.5
19	96.7	11.9	3.2	3.9	13.5	96.3	17.2	83	35	56	58	0 —	0 —	0 —	0.0	10.61	3.8
20	1.4	17.3	7.9	8.9	18.0	0.4	17.6	55	23	48	42	8 cs	0 —	0 —	2.7	9.73	6.0
21	2.6	15.1	5.3	7.7	15.5	1.9	13.6	65	24	53	47	0 —	0 —	0 —	0.0	10.22	4.6
22	99.6	18.2	7.9	8.6	19.0	98.8	20.2	70	31	44	48	0 —	0 —	0 —	0.0	10.32	4.5
23	2.3	16.9	8.2	9.1	17.7	1.6	16.1	94	40	66	67	0 —	10 sc, c	0 —	3.3	7.82	4.1
24	3.4	5.8	99.5	2.9	8.9	98.8	10.1	69	50	83	67	6 sk	4 c	10 n	6.7	7.62	4.8
25	94.9	1.0	95.1	97.0	2.5	94.5	8.0	94	44	86	75	0 —	10 kc, c	8 kc	6.0	9.19	3.2
26	92.4	96.5	94.3	94.4	98.2	92.0	6.2	90	68	85	81	0 —	10 cs	0 —	3.3	5.11	2.4
27	94.9	1.1	99.3	98.4	2.7	91.7	11.0	78	70	81	76	9 ck	1 n	10 c, kc	6.7	2.25	2.8
28	99.1	7.0	99.9	2.0	8.6	97.5	11.1	95	29	36	53	10 cs	3 c	0 —	4.3	8.99	3.8
29	96.1	11.7	0.2	2.7	12.4	94.8	18.6	89	93	70	84	0 —	2 c	0 —	0.7	9.52	3.0
30	95.2	15.4	2.8	4.5	15.6	95.0	20.6	86	40	44	57	0 —	0 —	0 —	0.0	9.18	4.1
31	0.3	11.3	1.4	4.3	11.8	99.4	12.4	88	39	66	64	3 c	2 n	0 —	1.7	9.33	2.0
平均 Mean	0.9	12.7	5.0	6.2	14.0	99.9	14.1	79	43	62	61	2.3	3.4	1.4	2.3	275.04	134.0

* 重力ノ更正 Reduction to standard gravity ———— 0.0
海面ヘノ更正 Reduction to mean sea level ———— + 14.0

哈爾濱

昭和六年十月 **KHARBIN.** OCTOBER, 1931.

日 Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	47.1	47.8	48.4	47.8	SSW	2.3	SW	4.4	S	4.0	2.4	—	—	—	—
2	48.6	49.6	51.7	50.0	S	5.4	SW	4.1	S	1.3	3.4	—	—	0.0	0.0
3	53.0	52.9	52.0	52.6	SSW	2.9	SSW	2.1	S	4.4	3.0	—	—	—	—
4	52.2	51.0	51.9	51.7	S	2.9	SSW	7.9	W	2.3	4.6	1.8	—	0.2	2.0
5	53.0	49.8	47.4	50.1	SE	2.9	S	3.9	SSE	4.2	3.0	—	—	0.0	0.0
6	41.7	42.1	43.1	42.3	SSW	7.1	SW	5.5	SW	6.4	5.2	1.3	0.1	0.2	1.6
7	45.6	46.3	49.0	47.0	SSW	2.5	SW	5.8	NNE	1.3	4.2	—	—	—	—
8	49.6	50.2	55.2	51.7	N	3.6	NNW	2.8	NW	2.3	2.7	7.5	0.3	—	7.8
9	57.8	59.0	61.1	59.3	WNW	4.1	NW	5.7	WSW	2.3	3.5	—	—	—	—
10	62.1	61.6	60.7	61.5	WSW	1.1	W	3.7	WSW	2.0	2.2	—	—	—	—
11	57.9	54.9	53.8	55.5	SSW	3.3	SW	6.7	SW	5.8	4.6	—	—	—	—
12	53.9	52.0	49.8	51.9	SSW	5.8	SSW	5.8	SSW	2.9	4.6	—	—	—	—
13	46.7	45.8	45.0	45.8	SSW	7.8	WNW	5.4	W	1.4	4.8	—	—	—	—
14	45.5	47.1	49.8	47.5	W	4.7	WSW	6.2	SW	2.6	4.1	—	—	—	—
15	52.1	49.3	45.5	49.0	SSE	0.9	S	3.2	SE	3.1	2.2	—	—	0.4	0.4
16	42.1	42.8	44.6	43.2	W	7.7	WSW	10.8	W	8.8	6.8	—	—	0.5	0.5
17	49.2	51.0	53.1	51.1	WNW	5.8	NW	6.4	SW	0.8	6.5	1.0	—	—	1.0
18	52.7	54.1	56.3	54.4	W	1.3	NNW	6.2	NNE	1.8	3.0	—	—	—	—
19	59.1	59.7	60.5	59.8	W	2.3	NW	3.8	SSW	2.0	2.2	—	—	—	—
20	57.5	51.0	50.8	53.1	SSW	6.0	SSW	8.2	SW	2.6	5.0	—	—	—	—
21	52.6	55.4	57.0	55.0	WNW	3.2	NNW	4.7	N	1.6	3.3	—	—	—	—
22	57.7	55.6	53.9	55.7	SW	1.7	S	3.8	SSE	4.0	2.5	—	—	—	—
23	52.9	50.8	50.0	51.2	S	6.0	SSW	6.1	S	5.1	4.7	—	—	—	—
24	47.6	45.0	49.0	47.2	S	5.3	SW	6.4	N	8.5	5.2	—	—	0.0	0.0
25	50.0	50.1	50.8	50.3	NW	5.8	WNW	7.5	SW	2.5	6.5	0.5	—	—	0.5
26	48.2	47.2	48.1	47.8	SSW	2.1	W	5.5	SSW	2.5	3.1	—	—	0.0	0.0
27	47.0	47.1	44.7	46.3	SE	1.1	N	3.5	W	4.0	2.4	0.2	0.0	0.0	0.2
28	46.8	48.8	52.9	49.5	WNW	5.7	NW	6.1	W	2.3	4.8	1.7	—	—	1.7
29	53.6	53.8	54.2	53.9	SW	2.5	WSW	2.8	SW	1.9	2.7	—	—	—	—
30	53.2	51.2	51.5	52.0	SSW	3.6	SW	5.8	S	3.5	3.7	—	—	—	—
31	52.4	54.9	57.8	55.0	SSE	4.8	NNE	3.6	NNE	2.2	2.5	—	—	—	—
平均 Mean	51.3	50.9	51.6	51.3		4.0		5.3		3.2	3.8	14.0	0.4	1.3	15.7

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION
1	4.8	16.6	8.8	10.1	16.8	4.6	12.2	96	42	64	67	0 —	0 —	0 —	0.0	11.05	4.6
2	6.0	19.6	12.6	12.7	21.3	5.8	15.5	74	48	77	66	0 —	0 —	6 kn, k	2.0	10.85	3.9
3	9.4	22.6	16.3	16.1	23.6	9.4	13.6	89	47	75	70	0 —	0 —	9 n, kn	3.0	10.51	5.6
4	13.8	23.8	15.3	17.6	24.7	13.5	11.2	78	45	89	71	4 ck	5 c, cs	0 —	2.0	8.98	4.2
5	6.1	20.6	16.2	14.3	24.0	6.1	17.9	95	58	65	73	6 c, cs	10 n, sk	7 kc, sk	7.7	4.29	4.4
6	15.1	15.1	9.4	13.2	16.8	9.4	7.4	71	96	61	76	8 cs, c	10 n	0 —	6.0	2.45	2.6
7	2.9	12.6	6.8	7.4	13.8	2.8	11.0	76	38	81	65	4 ck, sk	4 k	8 n, kc	5.3	8.37	2.1
8	3.8	5.1	2.3	3.7	7.2	2.3	4.9	93	93	73	86	10 n	10 n	0 —	6.7	0.18	1.0
9	0.7	6.8	1.2	2.9	8.0	99.9	8.1	90	50	88	76	5 cs, sk	10 n	0 —	5.0	4.29	2.9
10	97.5	10.8	3.8	4.0	10.8	97.5	13.3	95	38	82	72	0 —	0 —	0 —	0.0	10.30	2.6
11	0.6	14.2	8.2	7.7	15.7	0.2	15.5	84	45	60	63	0 —	0 —	0 —	0.0	10.28	4.0
12	4.8	18.1	10.6	11.2	18.7	4.1	14.6	82	33	52	56	0 —	0 —	0 —	0.0	10.10	4.3
13	8.7	19.0	8.8	12.2	19.5	8.2	11.3	78	38	50	55	3 c	0 —	0 —	1.0	9.55	4.5
14	3.6	13.1	6.1	7.6	13.8	3.5	10.3	68	38	61	56	0 —	3 k	0 —	1.0	10.10	2.9
15	99.4	16.8	9.4	8.5	17.0	98.8	18.2	93	43	83	73	4 cs	10 c, cs	10 n	8.0	6.45	3.4
16	13.1	7.2	4.0	8.1	15.0	3.9	11.1	53	48	80	60	9 k, kc	10 n	9 n	9.3	1.25	1.9
17	1.4	7.1	5.2	4.6	8.5	1.2	7.3	70	47	53	57	10 sk	1 k	0 —	3.7	5.35	3.2
18	97.5	8.8	2.2	2.8	8.9	97.1	11.8	88	34	77	66	0 —	1 ck	0 —	0.3	10.18	2.8
19	96.7	9.6	1.8	2.7	10.8	96.7	14.1	89	34	56	60	0 —	0 —	0 —	0.0	9.32	3.3
20	0.5	15.4	5.3	7.1	17.5	99.8	17.7	60	30	58	49	1 c	6 cs, c	5 sk, kc	4.0	10.05	3.9
21	0.6	12.8	3.2	5.5	13.1	0.0	13.1	78	32	68	59	0 —	1 k	0 —	0.3	9.60	3.3
22	98.2	15.0	7.1	6.8	15.3	97.3	18.0	90	27	43	53	0 —	0 —	0 —	0.0	9.50	4.6
23	5.6	19.2	10.0	11.6	19.6	5.0	14.6	42	23	41	35	0 —	1 sc	9 cs, sc	3.3	9.00	5.2
24	9.6	12.8	99.4	7.1	14.1	99.4	14.7	52	53	79	61	6 sk, n	8 kc, sk	10 n	8.0	0.80	3.3
25	97.4	99.6	93.8	96.9	99.9	93.8	6.1	56	55	95	69	10 n	8 k, n	0 —	6.0	2.62	1.6
26	92.0	96.6	94.8	94.5	98.2	90.8	7.4	93	76	80	83	0 —	10 n, kc	8 cs, kc	6.0	4.85	3.5
27	92.7	96.4	94.2	94.4	97.3	92.7	4.6	97	89	94	93	7 n, sk	9 n, k	10 n	8.7	3.43	1.1
28	98.9	1.8	96.0	98.9	3.1	93.9	9.2	93	52	84	76	10 n	4 c	0 —	4.7	6.62	1.8
29	95.1	8.8	1.4	1.8	10.6	94.8	15.8	77	39	73	63	1 c	0 —	0 —	0.3	9.40	2.5
30	98.8	12.5	4.7	5.3	13.4	97.4	16.0	80	32	57	56	1 c	4 ck	7 ck, sc	4.0	7.55	2.9
31	99.1	9.0	2.6	3.6	10.2	99.1	11.1	81	44	60	62	9 ck, sk	1 c	9 kc, sk	4.0	5.85	1.6
平均 Mean	2.4	11.9	5.2	6.5	13.1	0.9	12.2	79	47	70	65	3.3	4.1	3.5	3.6	223.12	160.7

重力ノ更正 Reduction to standard gravity……+ 0.1

海面ヘノ更正 Reduction to mean sea level……+ 13.5

昭和六年十一月二十五日印刷
昭和六年十一月二十八日發行

關東廳觀測所
大連市八幡町三十五番地

大連市大山通六十三番地
印刷人　太田信三

大連市若狹町三十三番地
印刷所　小林又七支店

昭和六年十一月

滿洲氣象表

REPORT

OF THE

METEOROLOGICAL OBSERVATIONS

MADE AT THE

METEOROLOGICAL STATIONS

IN

MANCHURIA.

NOVEMBER, 1931.

PUBLISHED BY THE METEOROLOGICAL OBSERVATORY, DAIREN.

凡　例

本編ハ昭和六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クレバ

觀測時ハ日本西部標準時卽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

氣壓ハ粍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卽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

平均雲量二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, 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	V	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 夕焼	⌒	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) 現象ノ强サ　*The intensity of the phenomena*

現象ノ强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　　强雨 $●^2$ 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
强震(弱キ方)	$⦶^{(4)}$	strong	强震	$⦶^{(5)}$	very strong	烈震	$⦶^{(6)}$	disastrous

大　連

昭和六年十一月　　DAIREN.　　NOVEMBER, 1931.

日 Day	氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean
1	61.5	62.0	63.3	62.6	63.0	63.7	62.7
2	63.7	63.8	64.5	63.0	63.2	63.6	63.6
3	62.9	62.6	63.4	63.6	62.2	62.6	62.9
4	61.2	59.7	59.7	58.1	58.1	58.3	59.2
5	57.4	56.6	57.0	55.2	55.1	54.8	56.0
6	53.3	52.4	53.0	51.7	52.2	52.1	52.5
7	52.0	51.9	53.0	51.8	53.5	54.3	52.8
8	54.8	55.6	57.3	56.3	56.2	55.9	56.0
9	55.3	55.0	57.5	57.8	58.8	59.7	57.4
10	60.0	60.8	61.9	61.0	61.2	61.5	61.1
11	61.3	61.1	61.6	60.7	60.8	61.8	61.2
12	61.8	61.5	61.8	60.1	59.7	59.7	60.8
13	59.3	58.5	58.6	56.7	56.9	56.7	57.8
14	56.4	56.1	57.1	55.6	56.1	56.4	56.3
15	56.1	55.4	56.2	55.1	56.2	57.2	56.0
16	57.5	57.8	59.2	58.0	58.7	59.8	58.5
17	59.1	58.9	61.8	62.8	65.7	68.2	62.8
18	68.8	69.4	69.8	66.6	65.2	63.5	67.2
19	62.1	61.2	61.8	60.8	62.4	63.7	62.0
20	64.3	64.2	65.5	63.9	62.9	61.9	63.8
21	61.1	60.0	60.4	58.7	58.9	58.9	59.7
22	58.8	58.2	57.7	56.5	56.1	55.2	57.3
23	56.1	56.1	58.5	58.5	60.3	60.9	58.4
24	60.7	59.5	59.6	58.1	58.3	58.2	59.1
25	58.5	59.0	61.1	61.2	62.8	64.5	61.2
26	65.0	66.1	67.1	65.2	66.3	66.1	66.0
27	66.0	65.6	65.9	63.4	64.7	64.8	65.1
28	64.6	64.6	65.8	63.9	63.0	62.0	64.0
29	60.1	59.1	59.5	58.1	58.8	58.9	59.1
30	58.9	57.8	58.1	56.8	59.2	62.3	58.9
平均 Mean	60.0	59.7	60.6	59.4	59.9	60.3	60.0

日 Day	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h.
1	NW	2.7	NW	2.5	NNW	2.2	NW	3.0	NW	1.6	NW	2.1	2.4
2	NW	2.2	E	1.0	NE	3.4	S	3.8	S	2.7	S	1.9	2.4
3	—	0.3	S	1.2	S	2.3	S	4.4	SSE	3.2	SSE	1.3	2.2
4	S	2.7	S	3.2	SSW	5.5	NW	3.5	—	0.3	W	3.3	3.4
5	—	0.4	WSW	3.7	NW	3.6	NW	3.7	NW	2.5	NNW	7.4	3.4
6	NNW	8.2	NNW	10.9	NNW	8.6	NNW	9.2	NW	4.7	WSW	4.8	8.1
7	W	5.0	WSW	6.7	SW	6.6	SSW	10.1	SSW	8.1	SW	5.0	6.6
8	S	5.1	SSW	2.3	S	4.9	S	4.1	S	3.6	S	6.5	6.1
9	S	9.3	SSW	8.9	NNW	7.2	NW	5.2	NW	5.1	NW	5.4	7.3
10	WNW	2.6	NNW	1.6	NNE	3.0	S	3.0	S	3.0	S	1.0	2.8
11	WNW	0.5	N	1.9	NNE	1.1	SSE	1.6	SE	1.5	E	0.8	1.6
12	NNW	1.9	NNW	1.6	NW	1.3	S	2.0	S	0.5	—	0.2	1.2
13	S	1.5	—	0.2	SSW	2.2	S	3.7	NW	1.3	NNW	0.6	1.8
14	NNW	1.5	NNW	5.8	N	6.8	NNW	6.1	NNW	3.6	NNW	5.0	4.7
15	NNW	5.8	NNW	2.5	NW	3.7	NW	4.1	WSW	3.5	WSW	4.8	4.8
16	WSW	5.4	SW	5.1	SW	4.9	SSW	7.9	S	5.3	WSW	5.5	5.9
17	WSW	3.2	NW	5.7	NNW	13.7	N	13.0	NNW	9.6	N	6.2	8.6
18	N	9.6	N	7.9	NNW	2.6	WNW	1.8	SSW	0.6	WNW	1.5	4.6
19	W	3.2	W	1.0	W	2.4	NW	6.7	NNW	7.6	N	5.3	4.3
20	NNW	3.9	NNW	3.3	NNW	2.5	NE	3.0	NE	0.5	—	0.0	2.6
21	NE	2.1	—	0.4	S	2.0	S	4.8	S	1.8	W	0.7	1.7
22	SSW	5.5	SW	6.5	S	7.9	WSW	3.1	SSW	1.9	SSW	2.7	4.2
23	SSW	5.0	NW	3.1	NW	8.7	N	7.4	NNW	7.9	NNW	4.7	5.9
24	NNW	5.4	N	7.6	NW	0.5	NW	3.0	NNW	4.0	—	0.3	3.3
25	NNW	4.4	NNW	8.6	N	10.1	N	11.1	N	12.9	N	10.3	8.9
26	N	12.3	NNW	8.6	N	8.8	N	10.4	N	5.5	N	9.2	9.6
27	N	8.2	N	7.0	N	8.3	NNW	5.9	N	5.7	N	4.6	7.0
28	N	7.0	NNW	7.8	NNW	6.5	N	5.9	NW	2.4	WSW	3.4	5.5
29	WSW	2.0	SW	4.0	WSW	3.5	WSW	4.8	WNW	5.3	WSW	4.5	4.0
30	—	0.0	WSW	2.6	W	4.3	NW	6.5	NW	3.2	NNW	7.2	3.7
平均 Mean		4.2		4.4		5.0		5.4		4.0		3.9	4.6

日 Day	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
1	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—
4	—	—	—	—	0.0	0.4	0.4
5	2.5	—	—	0.1	7.0	4.5	14.1
6	0.0	—	—	—	—	—	0.0
7	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—
14	—	—	2.2	0.3	—	—	2.5
15	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—
18	—	—	—	—	0.0	—	0.0
19	—	—	0.0	—	—	—	0.0
20	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—
22	—	—	—	—	—	0.0	0.2
23	—	0.2	0.0	—	—	—	0.6
24	—	—	—	0.0	1.4	3.2	4.2
25	0.2	0.0	0.0	—	—	—	0.0
26	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—
平均 Mean	2.7	0.2	2.2	0.4	8.4	8.1	22.0

日 Day	氣溫 (攝氏) AIR TEMPERATURE (°C) 2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range
1	9.4	8.3	14.0	15.6	11.2	9.8	11.4	16.2	7.9	8.3
2	9.4	8.5	12.6	15.9	11.3	10.2	11.3	17.0	7.0	10.0
3	10.3	10.7	16.3	14.9	12.4	11.8	12.7	17.5	9.8	7.7
4	12.5	11.3	15.8	12.6	11.7	8.7	12.1	17.0	8.7	8.3
5	7.6	7.3	9.3	7.5	6.8	6.5	7.5	10.3	6.1	4.2
6	6.4	5.6	7.3	8.8	7.7	10.2	7.7	10.4	5.3	5.1
7	10.9	11.5	17.0	15.7	11.9	11.7	13.1	17.7	10.1	7.6
8	10.5	10.3	16.5	17.5	12.4	12.9	13.4	17.9	9.8	8.1
9	12.3	12.5	10.8	11.8	8.1	8.3	10.6	13.1	7.6	5.5
10	8.6	8.1	12.5	14.1	9.8	9.7	10.5	14.5	7.6	6.9
11	9.6	7.8	11.2	12.8	10.3	8.7	10.1	14.2	7.3	6.9
12	6.6	6.9	10.2	14.8	9.5	8.0	9.3	15.2	6.6	8.6
13	7.5	8.1	14.1	14.3	11.0	10.4	10.9	15.3	7.0	8.3
14	10.1	7.7	7.1	9.2	6.8	6.3	7.9	10.6	6.3	4.3
15	6.4	6.1	8.7	11.4	9.2	8.9	8.5	11.8	5.9	5.9
16	9.5	9.5	13.6	12.5	10.4	10.1	10.9	14.6	8.3	6.3
17	10.2	3.7	99.8	99.3	97.8	95.3	1.0	10.5	95.2	15.3
18	95.5	93.6	95.8	99.7	98.5	99.6	97.1	0.0	93.4	6.6
19	3.0	3.8	5.5	4.7	1.0	99.2	2.9	5.6	99.0	6.6
20	98.7	97.6	0.5	2.4	1.8	0.8	0.3	2.8	97.3	5.5
21	0.9	2.0	9.3	8.0	6.1	5.0	5.2	9.4	0.6	8.8
22	7.2	7.1	9.4	9.3	8.7	9.5	8.5	10.6	4.9	5.7
23	10.4	8.5	9.1	8.1	3.5	2.0	6.9	10.6	1.7	8.9
24	1.0	99.0	2.6	4.1	1.0	1.0	1.5	5.7	98.6	7.1
25	1.0	99.8	98.8	98.4	97.6	96.6	98.7	1.3	96.4	4.9
26	95.8	95.4	96.8	98.4	96.8	96.4	96.6	98.5	95.3	3.2
27	96.7	95.8	98.6	0.0	99.6	98.8	98.3	0.3	95.7	4.6
28	98.9	97.3	98.2	99.6	98.1	99.2	98.6	99.9	96.3	3.6
29	1.1	1.8	5.5	5.6	3.5	2.0	3.3	6.5	99.0	7.5
30	0.2	2.3	7.0	5.6	3.5	1.5	3.4	8.1	0.0	8.1
平均 Mean	5.6	4.9	7.8	8.4	5.9	5.3	6.3	10.1	3.2	6.9

日 Day	濕度 (百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean
1	73	84	36	35	60	74	60
2	85	95	86	53	80	77	79
3	78	93	62	60	71	72	73
4	78	78	60	69	68	89	74
5	96	71	71	77	100	81	83
6	65	58	48	52	75	69	61
7	62	58	53	58	63	55	58
8	94	87	61	52	77	82	76
9	78	76	43	34	58	53	57
10	57	65	39	40	58	67	54
11	66	77	59	64	76	79	70
12	92	60	48	38	54	54	58
13	72	71	63	60	72	77	69
14	92	80	84	65	67	66	76
15	54	67	54	54	72	72	62
16	72	74	58	67	81	79	72
17	55	60	53	54	47	49	53
18	43	44	48	38	64	65	50
19	64	66	60	55	56	51	59
20	55	49	35	36	48	43	44
21	59	63	51	60	67	73	62
22	68	67	62	71	79	84	72
23	86	97	79	52	58	62	72
24	68	70	54	51	86	92	70
25	100	90	76	68	67	66	78
26	62	54	43	43	54	56	52
27	68	75	53	49	58	58	59
28	54	60	50	55	70	69	60
29	70	61	60	62	77	66	66
30	69	67	63	67	82	41	65
平均 Mean	71	71	57	55	68	67	65

日 Day	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 6h	10h	14h	18h	22h	平均 Mean	日照時數 No. of HOURS SUNSHINE	蒸發量 (粍) AMOUNT OF EVAPORATION
1	0 —	0 —	0 —	0 —	0 —	0.0	9.50	3.2
2	1 s	0 k	0 k	0 s	0 —	0.2	8.40	2.9
3	10 sc, ck	8 ck, c	10 cs	10 sc	10 sc	9.6	4.70	3.3
4	10 kc	10 k, k c	10 km,k,sk	10 sk	10 n	10.0	5.05	2.2
5	6 sk	10 sk	10 n, sk	10 n	10 n	9.2	1.76	3.0
6	3 sk	3 sc	3 c	0 —	0 —	1.8	8.90	3.6
7	0 —	0 —	1 c	0 —	0 —	0.2	9.70	3.2
8	0 —	0 —	0 —	0 —	0 —	0.0	9.30	3.4
9	0 —	0 —	0 —	0 —	0 —	0.0	9.00	3.7
10	0 —	4 c, c s	6 c	5 cs	10 ck	5.0	9.05	2.9
11	10 ck	4 sc, sc	10 sk	10 sk	0 —	6.8	3.38	1.7
12	0 —	0 —	0 —	0 —	0 —	0.0	9.00	2.4
13	0 —	9 c	2 sk, c	10 sc	0 —	4.2	8.10	2.1
14	10 s, sk	10 n	10 sc, cs	10 ck	10 ck	10.0	1.05	3.2
15	10 sc	9 kc, cs	0 k	0 —	0 —	3.8	6.50	2.9
16	0 k	6 k, ck	10 k, sn	10 sc	10 sk	7.2	6.85	3.4
17	8 cs	10 sk	8 k, sk	0 sk	5 sc	6.2	3.80	3.8
18	0 —	1 k	3 s	7 sk	5 sk	3.2	8.25	1.2
19	10 sk	10 sk	10 sk	0 sk	7 cs	7.4	0.00	2.4
20	10 sc	10 ck	10 kc	10 c, cs, sc	0 —	8.0	1.40	1.4
21	0 —	1 k	10 sk	2 s	2 s	3.0	4.10	1.9
22	10 sc	10 sk	10 n, sk	10 sk	10 sk	10.0	1.60	1.0
23	1 sk	10 sk	5 c	4 c	10 cs	7.8	6.80	2.1
24	10 n	10 sk	10 n	10 n	10 n	8.2	1.50	0.7
25	10 n	10 sk	10 sk	10 sk	3 sk	8.6	0.00	2.4
26	0 —	2 sk, ck	3 ck	1 sc	0 —	1.2	8.60	2.3
27	0 —	0 c	4 c	10 sc	10 sc	4.8	7.50	2.9
28	0 —	0 sk	0 —	0 —	0 —	0.0	9.00	1.5
29	4 sk, k	10 sk	10 sk	10 sk	0 —	6.8	1.00	1.2
30	4 cs	8 k	4 s	6 sk	0 —	4.4	6.50	2.8
平均 Mean	4.2	5.5	5.6	5.2	4.1	4.9	170.29	74.7

* 重力ノ更正　Reduction to standard gravity……－ 0.4
海面ノ更正　Reduction to mean sea level……＋ 9.1

大　連

昭和六年十一月　　DAIREN.　　NOVEMBER, 1931

日 Day	水蒸氣ノ張力(粍) TENSION OF VAPOUR (mm) 2h	6h	10h	14h	18h	22h	平均 Mean	地面溫度(攝氏) EARTH TEMP. ON THE SURFACE (°C) 6h	14h	22h	平均 Mean	地中溫度(攝氏) EARTH TEMPERATURE (°C) 0.1m	0.2m	0.3m	0.5m	1.0m	2.0m	3.0m	4.0m	5.0m	最低地溫(攝氏) MIN. TEMP. ON GRASS (°C)	最高日溫(攝氏) MAX. TEMP. IN GRASS (°C)
1	6.4	6.8	4.3	4.5	5.9	6.7	5.8	5.4	27.4	6.7	13.2	10.3	10.4	12.7	14.0	15.0	15.9	16.4	16.5	16.0	5.0	36.0
2	7.5	7.9	9.3	7.1	8.0	7.1	7.8	5.3	26.1	8.3	13.2	10.2	11.2	12.4	13.7	15.0	15.8	16.3	16.4	16.0	4.6	27.0
3	7.3	9.0	8.4	7.5	7.6	7.4	7.9	7.5	19.7	10.5	12.6	11.3	11.7	12.6	13.8	15.2	15.6	16.2	16.5	16.0	6.4	18.2
4	8.4	7.7	8.0	7.5	7.0	7.5	7.7	9.6	18.5	10.2	12.8	12.7	12.7	13.3	14.1	15.0	15.4	16.0	16.4	15.8	7.3	23.3
5	7.5	5.5	6.2	6.0	7.4	5.9	6.4	6.3	10.7	7.0	8.0	11.1	12.0	13.2	14.2	15.2	15.4	16.0	16.4	15.8	4.4	18.4
6	4.7	4.0	3.7	4.4	5.9	6.4	4.9	3.5	12.9	5.8	7.4	6.8	9.0	11.0	13.0	15.1	15.4	16.0	16.2	15.7	4.2	15.8
7	6.6	5.9	7.7	7.7	6.5	5.7	6.6	6.2	18.6	7.6	10.8	8.5	8.8	10.1	12.2	14.8	15.4	15.9	16.2	15.7	7.8	27.2
8	8.9	8.1	8.5	7.6	8.3	9.1	8.4	7.6	20.5	10.6	12.9	10.2	10.1	11.1	12.5	14.4	15.2	15.8	16.1	15.7	6.3	25.6
9	8.3	8.2	4.1	3.6	4.7	4.3	5.5	9.6	18.4	5.5	11.2	10.6	11.0	11.8	12.8	14.4	15.1	15.7	16.1	15.7	5.2	19.4
10	4.7	5.2	4.2	4.8	5.2	6.0	5.0	3.8	18.9	7.3	10.0	7.4	8.8	10.5	12.4	14.3	15.0	15.7	16.0	15.7	3.0	24.2
11	5.9	6.1	5.8	7.0	7.0	6.7	6.4	5.5	15.6	6.7	9.3	8.3	9.0	10.3	12.0	14.1	14.9	15.6	15.9	15.7	3.4	27.6
12	6.7	4.5	4.5	4.8	4.8	4.3	4.9	3.8	18.3	4.8	9.0	7.2	7.6	10.2	11.8	13.8	14.8	15.5	15.9	15.5	2.2	23.2
13	5.6	5.7	7.5	7.3	7.1	7.2	6.7	3.8	18.4	9.0	10.4	7.3	8.0	9.6	11.6	14.0	14.7	15.5	15.9	15.7	3.0	24.7
14	8.5	6.3	6.3	5.6	4.9	4.7	6.1	8.7	12.2	5.3	8.7	9.3	9.9	10.7	11.7	13.5	14.6	15.5	15.8	15.7	4.7	14.2
15	3.9	4.7	4.5	5.4	6.2	6.1	5.1	4.7	13.7	5.0	7.8	7.2	8.0	9.4	11.2	13.5	14.6	15.4	15.8	15.6	4.7	17.7
16	6.4	6.5	6.8	7.2	7.6	7.3	7.0	5.8	14.0	8.7	9.5	8.0	8.3	9.3	11.0	13.2	14.4	15.2	15.6	15.5	5.7	24.0
17	5.1	3.5	2.4	2.4	1.8	1.6	2.8	4.3	5.7	99.4	3.1	6.4	8.4	9.8	11.9	13.1	14.2	15.2	15.6	15.5	94.4	13.3
18	1.4	1.3	1.6	1.7	2.6	2.9	1.9	97.4	6.0	99.3	0.9	1.5	4.2	6.7	8.9	12.8	14.1	15.0	15.6	15.3	92.2	7.2
19	3.6	3.9	4.0	2.5	2.8	2.2	3.3	2.6	5.7	99.6	2.6	4.0	4.4	5.9	7.9	12.3	14.1	15.0	15.6	15.4	97.6	8.8
20	2.3	1.9	1.7	1.9	2.5	2.1	2.1	99.2	7.2	98.8	1.7	2.2	3.7	5.6	7.5	11.6	13.9	14.8	15.4	15.3	95.6	6.6
21	2.9	3.3	4.4	4.8	4.7	4.8	4.2	98.9	9.5	1.7	3.4	1.8	3.2	5.0	7.0	11.2	13.7	14.8	15.4	15.2	95.4	8.0
22	5.2	5.0	5.5	6.2	6.7	7.4	6.0	4.8	10.2	8.2	7.7	5.8	5.4	6.2	7.6	10.8	13.4	14.7	15.3	15.2	0.3	16.9
23	8.1	8.0	6.8	4.2	3.4	3.2	5.6	7.2	12.7	2.5	7.5	8.3	8.0	8.1	8.8	10.8	13.4	14.7	15.2	15.2	0.6	16.0
24	3.3	3.0	3.0	3.1	4.2	4.5	3.5	99.8	6.0	3.0	2.9	4.0	5.4	7.0	8.7	11.0	13.1	14.5	15.1	15.1	97.6	14.2
25	4.9	4.1	3.2	2.8	2.6	2.4	3.3	1.5	1.3	98.5	0.4	3.0	4.5	6.2	8.0	11.0	12.9	14.5	15.2	15.2	95.4	2.2
26	2.1	1.8	1.5	1.7	2.0	2.0	1.9	96.8	1.3	97.0	98.4	0.6	2.5	4.5	6.7	10.5	12.9	14.2	14.9	15.0	94.0	3.0
27	2.4	2.5	2.2	2.2	2.3	2.4	2.3	96.6	1.7	99.2	99.2	99.7	1.4	3.4	5.7	9.9	12.6	14.0	14.9	15.0	94.6	7.2
28	2.3	2.2	2.0	2.4	2.8	3.0	2.5	97.4	4.1	97.8	99.8	0.0	1.4	3.0	5.2	9.5	12.5	14.0	14.9	15.0	94.3	5.9
29	3.5	3.2	4.0	4.1	4.5	3.5	3.8	99.0	3.5	0.0	0.8	0.3	1.4	3.0	4.8	9.0	12.4	14.0	14.9	15.0	96.4	15.0
30	3.2	3.5	4.7	4.5	4.8	2.1	3.8	99.4	8.3	0.2	2.6	1.0	1.9	3.2	4.8	8.7	12.1	12.5	14.7	15.0	97.0	18.4
平均 Mean	5.2	5.0	4.9	4.8	5.1	4.9	5.0	3.4	12.2	4.1	6.6	6.2	7.1	8.5	10.2	12.8	14.3	15.2	15.7	15.5	0.8	17.1

記事 REMARKS.

日 Day	記事 REMARKS.
1	
2	♒°a.
3	♒¹∞°γ² ☽¹a.⊕°a.p. ♊°6h15-♊16h25-♊°6h40-6h50.
4	
5	●°16h59-17h20.●°20h35- -●°-1h10.●°13h01-●¹18h15-●°18h45-●¹19h00-●°19h15 22h15.
6	♒3-4.6-7.12h.
7	
8	♒14h.
9	♒¹a.
10	♒4h.
11	♒°∞²a.
12	
13	
14	●°6h07-12h36.
15	
16	♒11-13h.
17	♒9-17.21h. ☐p.
18	♋¹p. ⚹°16h05-16h23.⚹°16h35-16h43. ☐a.p.
19	♋°p. ☐a.
20	☐a.p.
21	♑²a.
22	●°19h08-19h15.
23	♋²p. ●°4h00-6h22.
24	⚹°12h57.●°△°13h52-14h15.●°14h38-
25	-●°-3h46.◬°5h53-6h46. ♒7h- ☐a.p.
26	♒p. -♒-2.4.8.14-15h. ☐a.p.
27	☐a.p.
28	☐a.p.
29	☐a.
30	

營口
YINGKOW.

昭和六年十一月 NOVEMBER, 1931.

日 Day	氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean
1	70.2	71.0	72.1	71.2	71.3	72.2	71.3
2	72.2	72.1	72.9	71.3	71.1	72.0	71.9
3	71.7	71.0	72.0	70.5	70.1	69.9	70.9
4	69.8	68.6	67.8	66.4	67.2	66.8	67.8
5	66.9	65.7	66.1	64.7	65.2	65.0	65.6
6	64.1	63.0	62.8	60.0	59.6	59.2	61.5
7	58.8	58.9	60.0	59.5	60.1	61.0	59.7
8	62.2	63.0	64.5	63.6	63.6	63.2	63.4
9	62.7	62.0	65.8	65.2	65.9	66.8	64.7
10	67.7	68.6	70.3	69.6	69.8	70.5	69.4
11	70.7	70.2	70.6	70.0	69.9	70.6	70.3
12	70.4	70.2	70.5	68.2	67.7	67.7	69.1
13	67.2	66.3	66.3	64.4	64.6	64.6	65.6
14	64.9	65.2	66.5	64.9	65.2	66.1	65.5
15	65.6	64.2	64.9	63.1	63.5	63.9	64.2
16	63.8	64.1	65.7	65.0	66.1	67.2	65.3
17	69.2	70.6	74.6	73.6	76.0	78.2	73.7
18	78.8	78.4	78.5	74.8	72.1	70.3	75.5
19	69.4	68.4	70.8	71.0	72.9	74.8	71.2
20	75.0	75.1	75.2	73.0	71.6	70.4	73.4
21	69.3	66.9	67.6	66.2	66.3	66.3	67.1
22	65.7	65.1	65.3	64.1	64.0	63.8	64.7
23	63.3	63.1	67.9	69.3	71.1	71.4	67.7
24	71.1	70.4	68.7	68.0	68.1	67.7	69.0
25	69.0	69.5	72.7	72.5	74.1	75.7	72.3
26	77.4	76.6	77.7	76.0	76.4	76.5	76.8
27	76.0	75.3	76.0	72.9	73.6	73.9	74.6
28	74.1	74.3	75.0	72.9	71.5	70.0	73.6
29	68.4	66.0	66.2	66.0	67.2	67.6	66.9
30	67.3	64.9	64.9	64.9	68.9	72.4	67.2
平均 Mean	68.8	68.3	69.3	68.1	68.5	68.9	68.6

日 Day	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h.
1	—	0.1	NE	3.2	NNE	1.2	NNE	1.9	NNE	0.9	NNE	0.8	1.5
2	NNE	1.3	NNE	1.0	S	1.1	SSW	1.9	—	0.4	SE	1.1	1.0
3	ESE	2.1	SSE	1.6	SSE	4.2	SSW	2.0	SSE	0.6	SSE	1.6	1.6
4	SSE	0.9	SSE	0.8	SSE	3.5	W	4.7	—	0.3	SE	1.3	2.0
5	NE	1.5	NNE	4.2	NNE	3.5	NNE	5.3	NNE	6.4	NNE	5.8	4.0
6	NNE	6.8	NNE	2.6	NE	3.3	N	3.3	—	0.3	S	1.8	3.2
7	S	0.8	S	1.6	S	3.5	S	4.7	S	3.3	SSE	5.3	2.9
8	S	2.8	SSE	1.9	SSE	3.9	SW	5.0	S	2.3	SSE	2.6	3.0
9	SSE	2.5	N	4.7	N	1.1	SW	3.8	SSW	1.6	SW	2.5	3.0
10	W	2.7	NNW	1.2	N	2.7	NNE	2.9	NE	1.1	ENE	1.6	1.9
11	ENE	0.9	NE	1.3	NE	2.7	NE	1.8	NE	3.5	N	2.3	1.8
12	NNE	1.6	NNE	1.8	NE	2.3	NNE	1.2	N	0.7	N	1.2	1.4
13	E	1.3	SE	0.9	S	3.7	S	2.9	SSW	1.6	—	0.4	1.9
14	N	2.1	NNE	2.7	NNE	3.0	NNE	6.4	NNE	3.8	NNE	2.8	3.5
15	NNE	1.8	NNE	1.8	NNE	0.6	S	1.8	S	1.6	SSE	1.9	1.8
16	S	2.3	S	1.9	SW	4.2	SW	5.1	SSW	1.7	S	0.7	2.7
17	NNE	6.6	NNE	7.8	NE	5.8	NNE	7.2	NNE	5.3	N	3.9	6.2
18	NNW	2.9	NNW	1.3	NW	3.9	S	5.0	SSE	4.7	SW	3.5	2.6
19	SW	2.4	NNW	3.5	NNE	1.8	NNE	1.6	NE	5.0	NE	5.7	3.5
20	NE	5.8	NNE	2.9	NE	3.5	NE	2.9	ENE	1.3	ENE	1.7	2.4
21	ESE	3.9	S	2.3	S	4.8	SW	2.9	S	2.9	SSE	3.8	2.9
22	SSE	5.3	SSE	6.2	S	5.7	SSW	5.8	SSW	3.8	S	1.9	4.2
23	S	2.4	SW	3.7	N	3.2	NNE	1.8	NE	1.8	NE	2.9	3.0
24	N	3.3	NNE	5.7	NNE	6.9	NNE	6.3	NE	5.4	NNE	4.9	5.0
25	NNE	3.5	NNE	2.9	NNE	6.2	NNE	8.0	NNE	6.4	NNE	3.9	5.3
26	N	3.1	NNE	3.6	NNE	5.2	NNE	5.8	NNE	2.0	NNE	2.1	3.7
27	NNE	2.1	NE	1.1	NE	1.8	NE	3.3	NE	1.6	NE	1.6	1.7
28	NNE	1.8	NNE	1.2	NNE	4.3	NNE	1.3	NNE	0.8	SE	1.3	1.8
29	SSE	2.9	SSE	3.9	WSW	4.6	NNW	2.5	NNE	1.8	NNE	1.9	2.7
30	NNE	1.2	E	1.8	S	5.8	SW	4.6	NNE	3.4	NNE	4.6	2.9
平均 Mean		2.7		2.7		3.6		3.8		2.6		2.6	2.8

日 Day	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
1	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—
4	—	—	—	—	1.4	2.8	4.2
5	0.8	1.4	0.0	—	—		2.2
6	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—
14	0.7	0.5	—	—	—	—	1.2
15	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—
17	—	—	0.4	0.1	—	—	0.5
18	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—
24	—	—	—	—	0.3	0.4	0.7
25	—	0.4	0.2	—	—	—	0.6
26	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—
平均 Mean	1.5	2.3	0.6	0.1	1.7	3.2	9.4

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range
1	2.7	2.9	9.6	14.4	8.9	5.0	7.3	14.6	1.2	13.4
2	3.1	1.7	13.7	16.1	10.5	6.9	8.7	16.4	1.0	15.4
3	6.5	4.7	13.5	16.2	11.4	9.0	10.2	17.5	3.7	13.8
4	8.9	8.4	15.0	13.6	9.4	8.4	10.6	17.3	7.1	10.2
5	7.9	6.9	8.1	10.4	8.4	5.3	7.8	11.2	4.6	6.6
6	2.3	0.7	7.5	11.2	6.3	3.6	5.3	11.9	99.0	12.9
7	1.8	2.1	12.8	15.4	11.5	9.8	8.9	16.1	0.7	15.4
8	9.6	5.7	15.3	17.5	11.6	9.8	11.6	18.4	4.8	13.6
9	10.2	11.8	10.3	11.5	7.1	8.8	10.0	12.3	4.1	8.2
10	6.8	0.9	10.7	11.6	11.8	2.9	7.5	12.4	99.0	13.4
11	4.2	3.8	8.6	10.1	7.8	6.4	6.8	10.5	2.0	8.5
12	5.0	4.7	11.2	14.2	8.2	5.3	8.1	14.5	3.2	11.3
13	3.3	4.4	12.3	13.7	9.6	9.4	8.8	14.0	1.6	12.4
14	7.2	5.7	5.7	10.1	6.5	4.2	6.6	10.3	3.6	6.7
15	2.4	1.6	4.6	10.8	5.5	2.2	4.5	11.5	0.8	10.7
16	5.8	5.6	12.6	13.1	9.1	6.7	8.8	13.6	1.6	12.0
17	1.5	98.3	95.3	96.6	93.5	91.9	96.2	6.9	91.1	15.8
18	90.5	90.4	93.8	96.1	96.5	1.2	94.8	1.3	89.4	11.9
19	2.4	98.1	0.0	0.2	96.2	92.7	98.3	2.5	92.1	10.4
20	91.5	91.1	96.6	0.6	96.1	94.4	95.1	1.3	89.5	11.8
21	96.6	99.9	5.2	8.4	3.7	0.7	2.4	9.2	92.6	16.6
22	1.5	2.2	7.9	9.2	7.4	5.4	5.6	9.4	99.2	10.2
23	7.1	6.8	6.0	5.3	1.0	98.9	4.2	8.0	98.1	9.9
24	96.6	94.6	98.1	98.9	97.7	96.9	97.1	99.3	93.5	5.8
25	96.0	96.6	96.8	97.3	96.6	94.9	96.4	97.7	94.3	3.4
26	93.1	91.0	95.1	97.4	93.9	92.4	93.8	97.9	90.6	7.3
27	91.8	89.4	96.4	99.9	97.4	95.7	95.1	0.0	88.4	11.6
28	93.7	90.9	95.4	99.1	95.4	92.6	94.5	99.8	89.5	10.3
29	93.7	59.9	4.9	4.5	99.4	96.9	99.9	5.2	91.8	13.4
30	96.3	93.2	3.4	4.6	0.9	97.7	99.4	6.8	91.9	14.9
平均 Mean	1.3	0.5	5.5	7.6	4.0	1.9	3.5	8.9	97.7	11.3

日 Day	濕度 (百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean
1	96	71	52	41	64	79	67
2	87	86	45	52	78	86	72
3	82	82	60	46	69	75	69
4	78	85	56	62	87	88	76
5	93	83	73	61	52	58	70
6	60	70	43	32	61	84	58
7	84	94	66	56	68	73	74
8	70	75	37	59	79	72	65
9	74	68	25	25	51	58	50
10	60	69	24	24	52	57	44
11	60	63	40	38	48	76	54
12	70	69	36	30	71	77	59
13	84	66	42	58	81	88	70
14	58	66	52	33	47	56	52
15	66	76	58	38	63	77	63
16	86	91	69	67	88	98	83
17	33	38	91	29	27	29	41
18	30	29	18	24	51	59	35
19	55	52	36	32	35	42	42
20	47	50	29	17	28	24	34
21	46	67	63	58	79	76	65
22	87	87	60	57	65	75	72
23	84	89	64	45	65	69	69
24	86	91	75	66	97	97	85
25	97	97	84	67	84	69	83
26	70	69	51	42	56	74	60
27	77	88	53	38	55	62	62
28	74	75	61	40	51	81	64
29	80	88	54	46	45	64	62
30	60	75	60	70	62	58	64
平均 Mean	71	74	53	45	61	70	62

日 Day	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 6h	10h	14h	18h	22h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	0 —	0 —	0 —	0 —	0 —	0.0	9.21	2.2
2	0 —	0 —	0 —	0 —	0 —	0.0	9.01	2.5
3	10 cs	10 cs	10 cs, sc	10 c	10 sc, cs	10.0	6.92	2.4
4	10 sc	10 kc	10 sc, sk	10 n	10 n	10.0	5.67	1.8
5	10 n	10 sk, n	10 sk	0 —	0 —	6.0	1.65	2.2
6	0 —	0 —	0 c	0 —	0 —	0.0	8.85	2.2
7	0 —	0 —	0 —	0 —	0 —	0.0	8.92	3.1
8	0 —	0 —	0 —	0 —	0 —	0.0	8.75	3.4
9	8 kc, sk	0 —	0 —	0 —	0 —	1.6	7.70	2.7
10	0 —	5 c	10 c	8 c	0 —	4.6	8.30	3.6
11	10 kc, ck	8 ck, cs	10 sc	10 sk	10 sc	9.6	1.83	1.7
12	3 ck	0 —	0 —	0 —	0 —	0.6	8.15	2.4
13	10 kc, k	2 c	10 cs	4 ck	10 sc	7.2	4.85	2.5
14	10 sk	10 sc	6 c	10 cs	0 —	7.2	4.98	2.5
15	10 sc	10 cs, sc	0 —	0 —	0 —	4.0	7.35	1.7
16	0 —	10 cs, kc, k	0 —	0 —	0 —	2.0	6.00	2.2
17	0 —	10 n	0 —	0 —	0 —	2.0	5.13	1.5
18	0 —	10 cs	3 c	8 kc, sk	10 sk, n	6.2	7.85	1.5
19	1 k	6 c	0 —	0 —	0 —	1.4	6.91	1.5
20	6 c	0 —	10 c	0 —	0 —	3.2	7.74	1.1
21	10 cs	10 kc	3 kc	4 kc	0 —	5.4	4.14	1.0
22	0 —	10 sc	10 sk	10 cs sc	10 kc	8.0	2.30	1.4
23	1 c	1 k	1 c	0 —	8 c	2.0	8.05	1.8
24	1 c	10 kc	10 n	10 n	10 sk	8.2	0.80	0.3
25	10 n	10 sk, n	10 n, sk	10 n, sk	0 —	8.0	0.85	0.7
26	0 —	0 —	0 —	0 —	0 —	0.0	7.86	0.6
27	0 —	0 —	10 c	10 c	10 c	6.0	7.55	0.8
28	0 —	0 —	0 —	0 —	0 c	0.0	7.74	0.6
29	10 cs	0 c	0 —	0 —	0 —	2.0	7.18	1.1
30	0 —	10 cs, ck	10 sc	10 sc	0 —	6.0	4.60	0.9
平均 Mean	4.0	5.1	4.4	3.8	2.9	4.0	186.84	53.9

* 重力ノ更正 Reduction to standard gravity ..... — 0.3
海 Reduction to mean sea level ..... + 0.4

奉天 MUKDEN.

昭和六年十一月 NOVEMBER, 1931.

日 Day	氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24 hr.		降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
1	66.0	66.6	67.8	66.9	67.0	67.8	67.0	S	2.0	SSE	2.3	SE	0.6	NNE	2.4	NNE	1.9	NNE	2.5	1.8		—	—	—	—	—	—	—
2	67.9	67.7	68.6	66.8	66.8	67.5	67.6	ENE	2.6	ENE	3.5	ENE	2.0	SSW	4.2	SSW	1.1	S	2.6	2.8		—	—	—	—	—	—	—
3	67.2	66.9	67.7	66.4	66.1	65.8	66.7	SSE	3.5	SE	3.3	SE	2.5	S	3.6	S	1.8	S	2.2	3.0		—	—	—	—	—	—	—
4	65.0	64.0	63.7	62.0	62.3	62.5	63.3	S	2.8	SSE	2.7	SSE	3.4	SSW	2.7	N	2.9	WSW	3.2	2.9		—	—	—	—	—	0.0	0.0
5	61.9	61.5	62.1	60.6	61.4	61.4	61.5	NNW	1.5	N	1.5	NNE	4.8	NNE	7.4	N	6.8	NNE	5.3	4.5		0.0	—	—	—	—	—	0.0
6	60.0	58.8	57.8	55.1	54.7	54.7	56.9	N	3.4	N	5.3	NNE	5.1	N	4.6	N	1.6	W	1.6	3.6		—	—	—	—	—	—	—
7	54.7	54.7	55.6	54.5	55.6	56.8	55.3	S	2.8	SE	3.7	SE	3.0	SSW	8.9	SW	5.0	S	4.7	4.5		—	—	—	—	—	—	—
8	57.7	58.8	60.0	59.2	59.3	58.5	58.9	S	3.5	S	2.3	SSW	6.2	SW	6.9	SSW	3.4	S	5.7	4.7		—	—	—	—	—	—	—
9	58.0	58.4	60.4	59.7	60.5	61.3	59.7	S	5.0	NNW	8.5	NW	1.9	W	9.3	SW	5.1	W	3.0	5.3		—	0.0	0.0	—	—	—	0.0
10	62.3	63.7	65.9	65.3	65.7	66.7	64.9	WNW	4.8	WNW	1.7	NW	3.9	NNW	1.8	S	2.2	S	2.4	2.7		—	—	—	—	—	—	—
11	66.5	66.2	66.5	65.6	65.7	66.3	66.1	SE	3.5	E	2.4	E	0.5	NNE	2.9	—	0.0	NNW	1.6	2.0		—	—	—	—	—	—	—
12	66.3	66.2	66.2	64.2	63.6	63.2	65.0	NNW	1.1	WSW	1.1	SSE	2.1	SE	1.3	—	0.0	SE	2.5	1.2		—	—	—	—	—	—	—
13	63.1	61.9	62.2	60.0	60.4	60.5	61.4	SE	2.2	SE	2.2	SE	2.7	SSW	4.8	SW	2.1	SSW	1.6	2.7		—	—	—	—	—	—	—
14	60.6	60.5	62.1	61.0	61.5	61.8	61.3	N	5.1	NNW	4.3	N	6.1	N	6.2	N	4.9	N	3.9	4.9		—	—	—	—	—	—	—
15	61.2	59.7	60.0	58.7	58.9	59.7	59.7	N	3.0	N	1.6	N	1.6	W	1.3	SW	2.6	S	3.5	2.2		—	—	—	—	—	—	—
16	59.2	59.0	60.7	60.4	61.8	63.0	60.7	SSE	3.1	SSE	5.7	SSW	8.5	NW	4.8	NNW	2.8	N	2.0	4.1		—	—	—	—	—	—	—
17	65.9	67.8	69.3	69.0	70.9	72.4	69.2	NNE	7.2	NNE	5.9	NNE	2.3	NW	8.8	NW	5.1	NW	4.6	5.9		—	—	0.6	0.0	—	—	0.6
18	72.5	72.8	73.1	69.7	68.1	65.9	70.4	WNW	6.4	WNW	4.4	W	5.3	W	5.7	W	4.3	SW	3.0	4.7		—	—	—	—	—	—	—
19	65.0	64.9	66.9	66.9	68.9	70.1	67.1	SW	2.3	WNW	2.0	NNW	3.6	N	4.9	N	4.4	NNE	3.6	3.8		—	—	—	—	—	—	—
20	70.3	70.4	71.1	68.4	67.2	65.7	68.9	NNE	1.2	NNE	1.4	ENE	1.5	ENE	1.7	NNE	2.0	ENE	2.6	1.5		—	—	—	—	—	—	—
21	64.4	62.3	62.7	61.4	61.7	61.9	62.4	ENE	2.9	E	3.4	SSW	3.8	SW	6.5	S	4.1	S	3.9	4.1		—	—	—	—	—	—	—
22	61.1	59.9	59.7	58.9	59.8	59.4	59.8	SSE	6.2	SSE	6.1	S	9.9	SW	12.9	S	3.3	S	3.2	6.5		—	—	—	—	—	—	—
23	58.8	58.4	63.4	64.6	67.4	67.3	63.3	S	3.6	S	3.9	NNW	6.7	N	6.2	NE	3.3	NNE	4.0	4.9		—	—	—	—	—	—	—
24	66.5	65.7	64.9	62.9	63.7	63.5	64.5	NNE	4.0	NNE	3.5	N	2.5	NNE	4.3	N	3.8	N	0.9	3.3		—	—	—	—	0.0	0.5	0.5
25	64.4	65.4	67.7	68.3	70.0	70.9	67.8	NW	2.4	NNE	5.1	N	6.7	NNE	5.5	NNE	4.9	N	3.3	4.5		0.1	0.3	0.2	—	—	—	0.6
26	71.9	72.2	73.0	71.4	71.9	71.5	72.0	N	3.7	NNE	3.1	N	2.3	NNE	3.6	NNE	1.6	NNE	2.0	3.1		—	—	—	—	—	—	—
27	71.3	70.7	71.2	68.6	69.2	69.7	70.1	ENE	1.5	ENE	3.2	ENE	1.7	ENE	0.8	NW	2.5	NW	2.8	1.6		—	—	—	—	—	—	—
28	69.7	69.8	70.2	68.0	68.3	65.1	68.2	NNE	1.2	NNE	1.2	ENE	1.0	WNW	1.2	SSW	2.5	S	1.3	1.1		—	—	—	—	—	—	—
29	62.9	61.2	61.7	61.4	62.8	63.1	62.2	SSE	4.0	SE	3.7	SSW	3.7	NW	4.7	WNW	1.8	WNW	1.2	3.1		—	—	—	—	—	—	—
30	62.3	60.6	60.6	60.2	63.9	67.5	62.5	—	0.2	SSE	3.0	SSE	3.6	—	0.4	NNW	2.2	NNE	3.0	2.2		—	—	—	—	—	—	—
平均 Mean	64.2	63.9	64.8	63.5	64.1	64.4	64.1		3.2		3.4		3.6		4.7		3.0		2.9	3.4		0.1	0.3	0.8	0.0	0.0	0.5	1.7

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 6h	10h	14h	18h	22h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	1.4	0.6	8.6	13.9	9.0	2.9	6.1	14.0	0.3	13.7	93	90	62	44	63	90	74	0 —	0 —	0 —	0 —	0 —	0.0	9.00	2.2
2	1.4	1.4	12.2	16.7	9.9	5.3	7.8	16.8	0.9	15.9	92	88	54	45	69	88	73	0 —	0 —	0 —	0 —	0 —	0.0	9.47	2.6
3	2.4	2.4	11.8	15.1	9.6	7.2	8.3	15.9	2.0	13.9	92	92	68	48	74	87	77	2 ck	10 cs	10 cs	3 c	10 sc, cs	7.0	4.90	2.1
4	6.1	5.8	13.6	17.2	10.5	8.4	10.3	17.3	5.8	11.5	87	87	55	41	69	87	71	10 sc, s	10 cs	6 ck, k	3 s	10 n	7.8	6.73	2.8
5	7.5	6.0	9.1	10.5	7.3	3.2	7.3	11.0	3.2	7.8	85	87	63	57	55	62	68	10 sk	0 —	0 —	0 —	0 —	2.0	8.68	3.6
6	0.5	99.9	5.8	10.0	6.5	0.2	3.7	10.5	98.9	11.6	70	67	49	34	51	88	60	0 c	0 c	0 c	0 —	0 —	0.0	9.49	3.0
7	99.4	98.8	11.2	16.4	8.3	7.8	7.0	16.5	98.5	18.0	86	84	56	38	58	77	67	0 —	0 —	0 —	0 —	0 —	0.0	9.55	3.3
8	5.5	2.9	14.5	18.3	10.5	9.5	10.2	18.8	2.7	16.1	86	93	45	32	63	83	67	0 —	0 —	0 —	0 —	0 —	0.0	9.43	4.3
9	9.7	7.6	8.5	10.5	4.5	2.3	7.2	10.9	2.1	8.8	77	58	36	28	51	67	53	10 n, s	0 ck	0 —	0 —	0 —	2.0	6.45	3.5
10	4.3	97.8	6.7	10.2	4.3	1.3	4.1	11.0	97.2	13.8	47	84	36	36	59	71	56	0 —	0 —	10 c	1 s	0 —	2.2	8.90	2.0
11	0.2	99.4	5.7	8.6	6.2	6.0	4.4	8.9	98.4	10.5	71	71	54	45	66	62	62	0 sk	9 ck, sk	10 sc, sk	10 sc, s	10 sc	7.8	2.57	2.2
12	4.4	2.5	8.9	12.3	6.3	2.1	6.1	12.9	1.8	11.1	72	85	57	41	62	83	67	7 ck	2 s	3 c	0 —	0 —	2.4	8.30	1.9
13	1.2	1.2	11.1	13.3	9.7	7.0	7.3	14.4	0.2	14.2	90	86	47	57	79	90	75	2 sk	0 c	10 cs, sk	10 sc, s	10 s	6.4	6.50	2.9
14	6.2	4.5	5.7	9.2	5.3	1.7	5.4	9.6	1.7	7.9	58	57	53	37	47	63	53	10 sc, s	10 sc	2 c	3 c, s	2 s	5.4	5.23	3.2
15	0.1	99.9	3.9	10.6	3.5	99.7	3.0	11.3	99.7	11.6	70	75	58	38	62	74	63	10 cs, s	10 cs	1 s	0 —	0 —	4.2	6.60	1.9
16	99.6	3.0	11.3	12.9	8.9	5.9	6.9	13.1	99.0	14.1	79	80	75	31	32	38	56	0 —	10 ck	5 ck	5 sk, ck	10 cs	6.0	6.95	3.4
17	98.6	96.0	94.2	93.9	91.0	89.5	92.9	5.9	89.5	16.4	39	43	91	30	44	43	48	9 sc, sk	10 n	0 —	0 —	0 —	3.8	3.33	1.9
18	88.8	87.7	92.3	95.0	91.7	93.4	91.5	95.7	87.4	8.3	45	51	33	22	45	55	42	0 —	1 c	7 c, ck	0 s	0 —	1.6	9.30	1.8
19	93.6	95.0	97.1	98.9	94.1	90.9	94.9	98.9	90.8	8.1	73	66	37	39	36	52	49	10 sc	2 c	0 —	0 —	0 —	2.4	8.00	1.9
20	88.4	87.6	93.4	99.7	94.5	91.6	93.0	0.5	86.9	13.6	65	79	31	18	37	67	50	1 cs	0 —	0 c	0 —	0 —	0.2	9.00	1.6
21	90.3	92.8	4.7	7.5	1.2	99.1	99.3	8.2	89.8	18.4	89	69	58	51	78	82	70	0 sk	10 c	3 sk	0 —	5 c, ck	3.6	8.12	1.7
22	1.2	1.2	7.2	9.1	4.9	0.9	4.1	9.1	98.5	10.6	73	71	59	56	73	90	70	10 cs, sk	10 sc	10 sk, ck, c	10 cs, sk	0 cs	8.0	1.22	1.9
23	2.5	4.5	99.9	3.6	0.0	97.2	1.3	5.1	97.2	7.9	94	89	77	54	69	76	77	10 s	0 —	2 sk	7 sk	1 c	4.0	6.40	1.9
24	95.1	93.7	96.7	98.5	98.2	96.1	96.4	98.7	93.6	5.1	89	97	84	68	75	100	86	10 sk, sc	10 sk	10 sc, c k	10 n, sc	10 ck	10.0	0.00	0.4
25	96.2	95.3	95.9	96.4	95.6	92.8	95.4	96.7	92.7	4.0	96	83	86	73	73	84	83	10 n	10 s, sk	10 sk	10 s, sk	0 —	8.9	0.80	1.2
26	90.3	88.8	93.4	93.0	93.9	91.4	92.3	96.0	88.2	7.8	90	92	82	62	76	80	81	0 —	0 —	0 —	0 —	0 —	0.0	8.02	1.0
27	87.3	87.2	94.7	99.1	95.1	93.2	92.8	99.9	86.3	13.6	97	95	71	48	64	72	75	0 —	0 —	0 —	1 sk	0 —	0.2	8.30	0.7
28	89.0	86.6	93.2	98.8	93.0	89.7	91.7	99.8	86.2	13.6	89	91	82	47	81	92	80	0 —	0 —	0 —	0 —	0 —	0.0	7.00	1.0
29	89.2	90.9	1.1	1.9	95.7	92.5	95.2	3.3	88.7	14.6	93	89	78	48	70	84	77	0 sk	8 ck	0 —	0 —	0 —	1.6	7.90	1.5
30	90.6	90.8	96.3	0.4	96.6	94.3	94.8	0.7	89.3	11.4	95	97	6	[illegible]	76	68	82	10 sk	10 sk, s	10 sk, s	1 sk	0 —	6.2	0.00	1.0
平均 Mean	98.4	97.7	3.7	6.8	2.2	99.4	1.4	7.7	95.9	11.8	79	80	61	44	62	75	67	4.4	4.4	3.6	2.5	2.3	3.4	196.95	64.5

* 重力ノ更正 Reduction to standard gravity ····· — 0.2
海面ヘノ更正 Reduction to mean sea level ····· + 4.2

長　春

昭和六年十一月　　CHANGCHUN.　　NOVEMBER, 1931.

日 Day	氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
1	51.3	51.3	52.2	51.5	51.8	52.3	51.7	NE	1.8	NE	0.9	ESE	1.5	SE	0.6	SE	1.2	SE	1.5	1.1	—	—	—	—	—	—	—
2	52.1	52.0	51.9	50.8	50.1	51.4	51.4	SE	2.2	SE	2.7	SSW	2.2	SW	2.0	WSW	1.3	WSW	1.6	1.7	—	—	—	—	—	—	—
3	51.7	51.5	51.6	50.3	50.2	50.2	50.9	WSW	1.5	WSW	2.0	SSW	5.6	SW	2.5	SSW	1.1	SSW	0.9	1.9	—	—	—	—	—	—	—
4	48.8	47.2	47.6	45.0	44.9	46.1	46.6	SSW	1.2	SSW	2.0	SSW	1.9	SW	3.9	W	2.9	W	2.1	1.8	—	—	—	—	—	—	—
5	45.3	46.2	47.4	46.4	47.1	47.0	46.6	W	1.8	WNW	2.8	NE	3.9	NE	4.7	NE	1.5	ENE	0.6	2.6	—	—	—	—	—	—	—
6	45.5	43.3	42.3	38.9	37.7	37.5	40.9	ENE	0.6	—	0.4	E	1.9	NE	3.1	NE	0.7	NE	0.7	1.1	—	—	—	—	—	—	—
7	37.5	37.3	37.9	37.6	38.8	39.4	38.1	NE	0.8	S	2.0	SW	4.1	SW	4.7	SW	2.1	WSW	2.9	2.5	—	—	—	—	—	—	—
8	40.3	41.0	42.9	43.0	41.9	41.6	41.8	WSW	2.6	WSW	2.9	W	6.8	W	5.8	W	2.2	SW	2.9	3.2	—	—	—	—	—	—	—
9	40.4	39.4	40.6	39.8	40.6	40.0	40.1	SSW	4.7	W	4.1	W	3.6	W	7.8	W	3.7	W	5.3	4.6	—	—	—	—	—	—	—
10	41.5	44.3	48.2	48.7	49.6	50.8	47.2	W	5.8	W	4.7	NW	4.3	NW	2.9	—	0.2	NNE	0.7	3.2	—	—	—	—	—	—	—
11	51.4	51.0	51.0	48.7	49.6	49.8	50.3	NNE	1.6	NNE	0.7	SSE	1.3	ENE	0.8	—	0.4	—	0.1	0.9	—	—	—	—	—	—	—
12	49.8	50.0	50.0	48.5	47.9	47.5	49.0	ENE	1.1	ENE	0.9	E	1.5	W	1.5	S	0.8	S	1.3	0.9	—	—	—	—	—	—	—
13	45.9	45.2	45.0	44.0	44.1	45.1	44.9	S	1.9	S	2.0	W	4.3	W	4.3	N	1.8	NNE	2.2	2.5	—	—	—	—	—	—	—
14	45.8	45.8	47.3	46.4	46.9	47.0	46.5	NNE	1.6	NNE	2.0	NE	4.3	NE	3.2	NE	1.6	NE	1.2	2.1	—	—	—	—	—	—	—
15	45.0	44.8	44.1	42.3	42.2	42.6	43.5	NE	0.8	NE	1.1	SSE	2.2	S	1.3	S	1.1	S	2.8	1.3	—	—	—	—	—	—	—
16	42.0	40.8	41.9	42.9	44.6	44.9	42.9	SSW	3.2	SSW	4.3	WSW	6.2	W	7.0	WSW	2.8	NW	5.0	4.2	—	—	—	—	—	—	—
17	48.4	49.3	49.4	48.4	49.2	49.8	49.1	NW	5.8	NW	5.8	W	6.4	W	8.5	W	5.0	W	7.2	6.0	—	—	—	—	—	—	—
18	50.8	50.9	51.8	50.7	50.6	49.3	50.7	W	6.7	WSW	5.8	W	8.8	W	6.4	W	3.5	WSW	3.2	5.0	—	—	—	—	—	—	—
19	48.0	47.7	49.3	50.3	51.4	52.4	49.9	SW	2.9	SW	1.1	N	4.4	N	2.7	NW	1.1	NW	0.6	2.1	—	—	—	—	—	—	—
20	52.4	52.5	52.2	50.5	49.8	48.6	51.0	W	1.8	W	3.0	W	3.2	W	3.7	WSW	2.2	WSW	2.7	2.7	—	—	—	—	—	—	—
21	46.8	44.7	44.3	43.8	44.8	45.4	45.0	SW	2.5	SSW	3.4	WSW	2.6	W	2.9	W	2.3	W	1.3	3.1	—	—	—	—	—	—	—
22	44.6	42.3	41.5	40.7	42.2	43.6	42.5	W	2.5	SSW	4.7	SW	5.8	WSW	7.4	W	2.1	W	0.8	4.4	—	—	—	—	—	—	—
23	42.3	41.0	42.0	48.5	51.1	51.9	46.1	W	1.9	ESE	2.0	NNW	5.3	NW	3.9	NW	1.5	NW	1.5	2.4	—	0.3	1.6	0.0	—	—	1.9
24	51.7	50.5	50.6	48.2	47.9	47.5	49.4	NW	0.5	NNE	1.2	E	2.2	ENE	2.9	NE	2.4	NE	2.0	1.8	—	—	—	—	—	—	—
25	48.4	48.7	50.8	51.2	53.0	53.8	51.0	NE	2.3	NE	1.7	NNW	2.6	NW	3.6	NNW	0.7	NNW	1.0	2.1	—	—	0.0	0.1	—	—	0.1
26	54.8	55.3	56.2	54.4	54.7	54.3	55.0	NNW	0.6	NNW	0.9	WNW	0.6	NE	0.8	—	0.0	NNW	0.9	0.6	—	—	—	—	—	—	—
27	54.0	53.1	53.2	51.3	51.4	51.9	52.5	SSW	1.2	SSW	1.4	S	1.8	WNW	3.1	SW	0.9	SW	0.8	1.4	—	—	—	—	—	—	—
28	51.8	51.6	51.6	50.0	48.9	47.4	50.2	SW	1.1	SW	1.4	S	2.9	SSW	3.8	SW	1.8	SW	1.6	2.1	—	—	—	—	—	—	—
29	45.8	44.0	43.8	43.4	44.8	45.3	44.5	SW	2.5	SSW	2.5	SW	4.1	WSW	4.3	NW	2.0	NNW	0.7	2.5	—	—	—	—	—	—	—
30	45.0	43.8	45.3	45.1	48.0	50.4	46.3	WNW	1.8	WNW	2.2	NW	0.8	NE	1.4	NNE	2.2	N	0.7	1.3	—	—	0.0	0.3	0.1	0.3	0.7
平均 Mean	47.3	46.9	47.5	46.7	47.2	47.5	47.2		2.2		2.4		3.6		3.7		1.8		1.9	2.4	—	0.3	1.6	0.4	0.1	0.3	2.7

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 6h	10h	14h	18h	22h	平均 Mean	日照時數 NO. OF HOURS SHINING	蒸發量 (粍) AMOUNT OF EVAPORATION
1	99.9	98.0	11.1	15.0	8.6	4.0	6.1	15.4	97.4	18.0	74	80	39	32	51	63	57	0 —	0 —	0 —	0 —	0 —	0.0	8.90	2.2
2	2.4	1.4	11.6	16.8	8.8	4.8	7.6	17.0	0.8	16.2	70	73	38	29	51	66	55	0 —	0 —	0 —	0 —	0 —	0.0	9.00	2.9
3	3.0	2.6	12.3	13.6	7.8	5.1	7.4	13.8	1.9	11.9	76	77	48	37	61	70	62	0 —	5 c	10 cs	3 c	0 —	3.6	7.10	2.3
4	4.5	4.0	9.0	13.0	9.6	5.9	7.7	13.2	3.8	9.4	77	78	60	51	63	70	67	10 cs	10 sc	10 sc	10 sc	10 sc	10.0	0.70	2.0
5	3.5	98.8	6.0	7.5	2.6	99.6	3.0	7.7	98.8	8.9	74	95	67	32	42	53	61	10 sc	0 —	0 —	0 —	0 —	2.0	7.10	3.4
6	93.3	95.2	3.8	8.7	0.6	98.8	0.6	8.7	94.4	14.3	76	80	54	27	45	58	57	0 —	0 —	0 —	0 —	0 —	0.0	9.20	2.2
7	98.8	96.8	9.2	12.7	7.0	3.4	4.7	12.9	96.3	16.6	58	66	46	33	43	58	51	0 —	0 —	0 —	0 —	0 —	0.0	9.30	4.0
8	1.7	5.0	12.7	15.0	9.6	5.6	8.3	15.5	1.3	14.2	73	79	43	33	46	58	55	4 c	1 c	0 —	0 —	0 —	1.0	5.40	3.7
9	5.8	7.0	6.1	6.8	3.4	1.3	5.1	7.0	0.3	6.7	72	70	43	26	36	40	48	10 sk	5 sc	0 s	0 —	0 —	3.0	9.20	3.9
10	99.2	97.8	3.6	6.1	3.0	99.4	1.5	7.7	97.3	10.4	49	70	56	41	58	67	57	0 —	0 sk	0 —	0 —	0 —	0.0	9.90	2.3
11	97.1	95.6	5.3	9.0	3.9	1.2	2.0	10.3	95.4	14.9	74	78	55	39	60	69	63	0 —	0 —	5 c	6 c	0 —	2.2	8.00	2.4
12	0.7	98.4	9.4	10.6	3.0	2.9	4.0	11.5	97.8	13.7	63	70	40	33	62	66	56	0 —	0 —	0 —	0 —	0 —	0.0	8.60	2.6
13	0.9	99.5	10.2	11.2	8.4	3.2	5.4	13.0	99.3	13.7	75	79	42	45	53	49	57	0 —	0 —	10 sc	10 sc	10 sc	6.0	7.10	3.0
14	0.9	0.0	1.6	4.1	99.6	97.2	0.6	4.7	96.8	7.9	54	60	43	49	46	57	53	0 —	10 c	0 —	0 —	0 —	2.0	6.20	2.3
15	95.2	94.6	2.1	7.4	1.1	97.5	99.7	8.0	94.4	13.6	72	74	55	26	54	77	60	0 —	10 c	0 —	0 —	0 —	2.0	6.60	2.0
16	97.4	97.4	8.5	8.0	2.1	0.2	2.3	9.4	96.8	12.6	88	89	40	21	31	44	52	0 —	9 c	6 cs	0 —	0 —	3.0	7.90	3.7
17	93.7	92.6	93.1	91.4	88.3	87.9	91.2	0.5	87.7	12.8	51	50	38	30	30	37	39	10 cs	10 cs	0 —	0 —	0 —	4.0	3.30	1.8
18	86.1	84.8	89.0	91.2	89.6	88.4	88.2	92.0	84.1	7.9	35	38	34	20	30	46	35	0 —	0 —	0 —	0 —	0 —	0.0	7.90	0.8
19	86.0	84.8	91.1	91.5	88.4	85.4	87.7	92.2	84.3	7.9	47	61	44	30	38	49	45	0 —	0 —	0 —	0 —	0 —	0.0	8.20	1.6
20	85.6	84.0	92.9	96.8	92.4	89.2	90.2	97.4	83.6	13.8	44	49	29	20	44	41	38	0 —	0 —	0 —	0 —	0 —	0.0	8.50	1.8
21	89.1	89.0	0.9	2.6	98.1	94.0	95.6	3.2	88.3	14.9	61	62	41	42	59	62	55	0 —	0 —	0 —	0 —	0 —	0.0	8.55	2.0
22	96.4	99.5	4.4	7.8	3.2	0.0	1.9	8.3	93.1	15.2	82	65	55	52	75	71	67	10 sk	10 sk	10 sk, c	6 sk	10 cs	9.2	5.10	1.3
23	1.8	1.7	94.6	93.1	92.7	90.4	93.2	2.2	89.8	12.4	72	92	91	83	97	100	89	10 n	10 n	10 sc	0 —	0 —	6.0	1.90	0.5
24	89.4	88.9	94.6	95.2	92.3	92.2	92.1	96.3	87.5	8.8	100	100	88	72	81	74	86	10 cs	10 cs	10 sc, n	10 sk	10 sk	10.0	0.75	0.8
25	91.8	90.8	91.8	93.2	89.8	87.5	90.8	93.5	87.3	6.2	74	79	80	63	96	95	81	10 sk	10 n	1 s	0 —	0 —	4.2	4.50	0.6
26	85.5	83.8	89.6	94.2	89.6	87.5	88.4	94.7	83.5	11.2	100	100	92	41	81	91	85	0 —	0 —	0 —	0 —	0 —	0.0	8.15	0.6
27	86.2	84.8	93.5	96.4	91.3	88.0	90.0	97.4	84.4	13.0	88	90	64	47	76	96	77	0 —	0 —	2 s	0 —	0 —	0.4	8.35	0.7
28	87.0	85.8	93.3	94.9	91.4	89.0	90.2	95.8	85.2	10.6	93	97	72	46	64	89	75	0 —	0 —	0 —	0 —	0 —	0.0	8.40	1.1
29	86.8	86.7	97.0	99.2	99.9	88.5	91.5	99.7	83.7	13.0	92	91	74	52	79	88	79	0 —	0 c, s	10 c	0 —	5 c	3.0	8.25	0.9
30	86.8	87.5	92.6	94.9	92.5	90.4	90.8	96.1	85.7	9.4	92	91	75	69	90	93	85	10 sc	10 n	9 s	10 n	10 n	9.8	3.45	0.9
平均 Mean	95.3	94.6	1.3	3.7	99.0	96.3	98.4	4.8	92.8	12.0	72	76	55	41	58	66	61	3.1	3.7	3.1	1.8	1.8	2.7	204.70	60.3

* 重力ノ更正　Reduction to standard gravity ..... — 0.1

海面ヘノ更正　Reduction to mean sea level ..... + 20.5

旅順 RYOJUN.

昭和六年十一月 NOVEMBER, 1931.

日 Day	氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	63.3	64.0	64.7	64.0	NNE	1.3	NNW	1.8	NNE	3.2	3.2	—	—	—	—
2	64.8	64.6	65.6	65.0	—	0.0	W	2.3	—	0.0	0.9	—	—	—	—
3	64.2	63.8	63.6	63.9	ESE	1.8	SSE	3.4	SE	2.5	1.6	—	—	—	—
4	61.6	59.8	59.9	60.4	SSE	3.5	W	4.5	W	3.5	3.2	—	—	27.2	27.2
5	58.2	57.6	56.8	57.5	W	4.7	N	2.3	NE	5.0	3.9	4.1	0.1	17.7	21.9
6	54.7	54.3	54.2	54.4	N	3.9	NNW	10.3	WNW	7.9	6.0	0.6	—	—	0.6
7	53.8	54.5	55.5	54.6	W	5.8	WSW	8.4	WSW	4.1	6.2	—	—	—	—
8	56.7	57.8	57.6	57.4	SW	1.2	SSE	4.3	SSE	2.9	2.7	—	—	—	—
9	56.7	59.2	61.1	59.0	WSW	8.5	WNW	6.0	NW	3.3	6.0	—	—	—	—
10	61.9	62.2	62.8	62.3	NW	3.5	SSE	3.6	—	0.2	2.4	—	—	—	—
11	62.3	62.1	62.4	62.3	E	0.7	S	4.0	ENE	2.1	1.7	—	—	—	—
12	62.6	62.1	60.8	61.8	NE	2.0	SSE	2.2	NNE	1.2	1.9	—	—	—	—
13	60.1	58.2	58.2	58.8	—	0.2	SSW	4.1	WNW	1.3	1.6	—	—	—	—
14	57.4	57.2	57.8	57.5	ENE	8.0	ENE	3.5	E	3.5	5.1	—	3.1	—	3.1
15	57.1	57.1	58.0	57.4	E	1.8	NW	6.9	NW	6.9	5.5	—	—	—	—
16	58.9	59.2	60.9	59.7	WNW	8.2	W	7.0	WNW	5.8	7.7	—	—	—	—
17	60.2	63.9	69.1	64.4	NNE	5.7	ENE	7.9	N	5.8	7.3	—	0.0	0.0	0.0
18	70.6	68.9	65.1	68.2	NE	3.5	SSW	3.4	W	6.4	4.1	—	—	—	—
19	62.8	62.7	64.9	63.5	W	7.1	NW	6.1	ENE	6.2	6.3	—	—	0.0	0.0
20	65.5	65.4	63.5	64.8	ENE	4.1	ENE	1.3	E	1.4	3.3	—	—	—	—
21	61.5	60.6	60.4	60.8	E	1.2	WSW	2.6	SW	1.1	1.6	—	—	—	—
22	59.8	58.0	57.8	58.5	WSW	2.7	WSW	3.7	WSW	3.5	3.4	—	—	—	—
23	59.0	60.1	62.6	60.6	NNW	8.9	ENE	12.8	ENE	6.9	6.4	0.3	0.1	—	0.4
24	61.2	60.4	59.6	60.4	ENE	11.7	NW	3.2	NE	4.7	4.5	—	—	5.4	5.4
25	59.9	62.6	66.5	63.0	ENE	9.9	ENE	10.5	ENE	7.6	8.9	0.4	—	—	0.4
26	67.1	67.5	67.7	67.4	ENE	10.0	ENE	6.4	ENE	4.6	6.9	—	—	—	—
27	67.1	65.6	65.9	66.2	ENE	2.3	NNE	2.8	ENE	1.4	2.4	—	—	—	—
28	65.8	66.0	64.0	65.3	ENE	4.7	N	4.4	—	0.0	2.4	—	—	—	—
29	60.8	59.9	60.3	60.3	WNW	6.9	WNW	10.5	NW	4.9	6.9	—	—	—	—
30	59.4	58.8	63.6	60.6	NW	4.7	WNW	10.5	NE	2.4	5.6	—	—	—	—
平均 Mean	61.2	61.1	61.7	61.3		4.6		5.4		3.7	4.3	5.4	3.3	50.3	59.0

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	10.0	18.0	10.8	12.8	18.8	8.9	9.9	78	32	73	61	0 —	0 —	0 —	0.0	9.60	2.7
2	8.3	17.2	10.6	12.0	18.3	7.5	10.8	82	49	78	70	0 —	0 —	0 —	0.0	9.30	2.6
3	11.2	15.6	12.1	13.0	17.3	9.1	8.2	86	61	69	72	10 sc	10 sc	10 sc	10.0	5.70	2.0
4	12.2	16.7	8.2	12.4	17.3	7.1	10.2	72	49	97	73	10 kc	10 kc, sk	10 n	10.0	3.83	3.9
5	7.2	8.4	7.2	7.6	12.9	5.5	7.4	72	79	81	77	10 kc	10 n	10 n	10.0	3.80	3.4
6	6.8	9.6	11.3	9.2	12.4	5.7	6.7	61	53	57	57	0 —	0 —	0 —	0.0	8.90	4.4
7	12.2	16.2	10.3	12.9	16.6	9.4	7.2	61	58	76	65	0 —	1 c	0 —	0.3	9.30	2.9
8	10.9	16.6	12.4	13.3	18.2	9.2	9.0	84	50	77	70	0 —	0 —	0 —	0.0	9.10	2.8
9	12.2	13.6	10.0	11.9	14.2	8.0	6.2	77	33	43	51	0 —	0 —	0 —	0.0	8.80	4.4
10	10.6	14.6	9.3	11.5	15.9	7.6	8.3	46	43	58	49	0 —	1 c	10 cs, c	3.7	9.05	3.2
11	9.0	14.1	10.0	11.0	15.3	7.0	8.3	58	58	62	59	3 c, cs	10 kc, sk	0 —	4.3	3.33	2.0
12	9.0	14.7	9.1	10.9	15.8	6.7	9.1	77	54	56	62	0 —	0 sk	0 —	0.0	9.00	2.5
13	9.2	14.5	11.0	11.6	16.2	6.5	9.7	70	63	76	70	0 —	8 c	10 cs, s	6.0	7.85	2.1
14	9.1	10.6	7.4	9.0	11.7	6.2	5.5	73	59	62	65	10 s	6 kc, c	0 —	5.3	1.30	2.6
15	7.2	12.8	9.8	9.9	13.1	5.7	7.4	56	50	47	51	10 sc	0 sk	0 —	3.3	7.13	3.2
16	10.0	12.4	10.5	11.0	14.4	8.0	6.4	75	63	76	71	0 —	10 sk	10 s	6.7	4.37	3.2
17	5.6	0.4	98.8	1.6	11.3	97.0	14.3	70	73	54	66	7 cs	10 n	8 sk	8.3	4.1	2.0
18	95.4	1.2	1.3	99.3	1.8	93.7	8.1	51	51	60	54	0 —	5 sk	6 sk	3.7	6.44	2.5
19	5.2	5.5	0.0	3.6	6.4	99.3	7.1	58	56	49	54	10 sk	10 s, sk	9 cs, c	9.7	0.00	2.9
20	98.9	3.8	2.0	1.6	5.3	97.3	8.0	49	27	50	42	10 cs	10 sc	0 —	6.7	2.40	2.0
21	3.2	9.0	6.0	6.1	10.3	1.3	9.0	55	61	62	59	0 —	10 sk	0 —	3.3	4.23	1.8
22	7.0	9.6	9.3	8.6	10.6	4.4	6.2	67	69	84	73	10 sk	10 sk	10 sk	10.0	2.15	2.7
23	9.3	8.6	3.7	7.2	11.3	3.2	8.1	94	56	63	71	10 n	3 c	10 cs	7.7	7.37	2.5
24	1.0	5.0	1.6	2.5	5.7	99.3	6.4	62	53	92	69	0 sk	10 sk	10 n	6.7	0.76	0.7
25	1.7	99.3	98.3	99.8	2.6	97.6	5.0	90	74	61	75	10 s	10 sk	10 sk	10.0	0.00	1.8
26	97.1	0.4	97.6	98.4	1.2	96.2	5.0	55	52	60	56	4 sk	0 sk	0 —	1.3	8.10	1.7
27	97.8	3.0	99.4	0.1	4.5	96.5	8.0	63	52	54	56	6 s, c	10 sk	10 sc	8.7	7.18	1.6
28	98.2	1.1	98.8	99.4	2.5	97.1	5.4	48	52	66	55	6 sk	3 sk	9 sk	6.0	7.70	2.0
29	3.2	5.5	3.0	3.9	5.8	97.3	8.5	55	61	73	63	8 sk	10 sk	3 sk	7.0	0.80	1.9
30	3.2	6.4	2.8	4.1	7.6	0.7	6.9	72	66	71	70	10 sk	10 sk	0 sk	6.7	2.90	2.4
平均 Mean	6.1	9.5	6.1	7.2	11.2	3.3	7.9	67	55	66	6[illegible]	4.8	5.9	4.8	5.2	164.49	76.4

* 重力ノ更正 Reduction to standard gravity ····· — 0.4
海面ヘノ更正 Reduction to mean sea level ····· + 7.4

鞍山

昭和六年十一月 **ANSHAN.** NOVEMBER, 1931.

日 Day	氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時運平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	66.6	68.5	68.8	68.0	—	0.0	NE	2.6	ESE	1.3	1.4	—	—	—	—
2	68.8	68.9	69.1	68.9	—	0.0	WSW	3.3	SW	1.5	3.5	—	—	—	—
3	68.6	68.2	67.3	68.0	SE	0.7	SW	2.3	SSW	1.4	1.4	—	—	—	—
4	65.7	63.2	64.2	64.4	SW	1.1	SSW	2.3	S	2.0	2.0	—	—	0.2	0.2
5	62.5	62.0	62.1	62.2	NE	2.6	NE	5.8	NE	5.8	4.2	—	—	—	—
6	59.5	57.1	55.5	57.4	ENE	4.9	NE	2.6	SW	1.3	4.0	—	—	—	—
7	55.8	56.5	58.1	56.8	SW	2.9	SW	6.4	SSW	1.7	3.4	—	—	—	—
8	60.0	60.9	60.4	60.4	SSW	2.3	SSW	8.2	SSW	4.4	3.6	—	—	—	—
9	58.0	61.8	62.0	60.6	SSW	4.3	WSW	3.6	SSW	4.1	4.0	—	0.3	—	0.3
10	65.3	66.5	67.8	66.5	SSW	1.8	NE	2.7	—	0.0	2.0	—	—	—	—
11	67.0	66.9	67.6	67.2	NE	0.6	ENE	2.9	—	0.3	1.7	—	—	—	—
12	67.1	65.0	63.9	65.3	ENE	1.7	NE	2.7	—	0.0	1.9	—	—	—	—
13	62.4	61.2	61.9	61.8	SSE	2.3	SSW	4.4	SSW	0.8	1.9	—	—	—	—
14	61.2	59.9	63.2	61.4	NE	2.3	NE	4.3	NE	2.5	3.0	1.1	0.0	—	1.1
15	60.9	59.8	61.0	60.6	—	0.0	WSW	1.4	SSW	2.3	1.5	—	—	—	—
16	60.8	61.9	63.7	62.1	SSW	5.8	WSW	5.8	SSW	1.4	3.9	—	—	—	—
17	67.9	70.5	72.8	60.4	ENE	7.3	NNE	5.3	N	3.4	5.2	—	1.2	—	1.2
18	74.6	71.6	68.1	71.4	W	2.7	S	2.7	S	5.8	2.9	—	—	—	—
19	66.2	68.2	71.5	68.6	W	2.0	NE	3.8	ENE	3.5	3.6	—	—	—	—
20	72.2	70.6	67.7	70.2	NNW	0.6	E	2.7	SSW	1.5	1.7	—	—	—	—
21	63.8	64.0	62.5	63.8	SW	3.4	SW	4.7	SSW	4.1	3.7	—	—	—	—
22	62.3	61.5	61.7	62.2	SSW	4.0	SW	5.8	SSW	0.5	4.1	—	—	—	—
23	59.0	66.0	67.8	64.3	SW	5.5	NE	6.2	E	4.3	4.6	—	—	—	—
24	67.9	64.7	65.0	65.9	ESE	3.3	NE	4.6	E	2.8	2.4	—	—	0.2	0.2
25	65.5	69.4	71.1	68.6	NNE	2.9	NE	6.1	NE	5.8	4.9	0.2	1.2	—	1.4
26	73.8	73.8	73.4	73.7	NE	1.8	ENE	4.1	ESE	1.3	2.9	—	—	—	—
27	71.9	69.6	70.6	70.7	—	0.0	E	1.8	—	0.0	0.9	—	—	—	—
28	70.6	69.7	67.4	69.2	NNE	0.8	NE	1.5	SSW	1.4	1.0	—	—	—	—
29	61.7	63.0	65.1	63.3	SW	3.8	W	4.1	—	0.0	3.0	—	—	—	—
30	62.3	60.6	68.5	63.8	—	0.3	WSW	7.0	NE	1.2	2.9	—	—	—	—
平均 Mean	65.0	65.1	65.7	65.3		2.4		4.1		2.2	2.9	1.3	2.7	0.4	4.4

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	發蒸量 (粍) AMOUNT OF EVAPORATION.
1	0.5	12.7	5.1	6.1	13.9	99.0	14.9	82	37	75	65	0 —	0 —	0 —	0.0	9.00	3.3
2	1.8	17.2	6.8	8.6	17.7	0.6	17.1	42	36	81	53	0 —	1 sc	0 —	0.3	9.00	3.5
3	3.6	16.3	10.5	10.1	17.5	2.9	14.6	86	33	68	62	0 —	0 —	10 sk	3.3	5.40	2.8
4	8.7	17.1	8.5	11.4	18.3	7.8	10.5	66	31	88	62	10 cs	8 ck	10 sk	9.3	3.40	2.7
5	6.4	11.5	5.4	7.8	11.9	5.0	6.9	81	52	54	62	10 sk	0 —	0 —	3.3	6.40	3.4
6	99.6	9.7	2.6	4.0	10.5	98.0	12.5	74	33	60	56	0 —	0 —	0 —	0.0	9.40	3.4
7	3.6	16.8	6.2	8.9	17.3	0.7	16.6	75	25	78	59	0 —	0 —	0 —	0.0	9.60	4.6
8	6.8	18.9	12.0	12.6	19.7	4.4	15.3	56	27	56	46	0 —	0 —	0 —	0.0	8.70	4.9
9	12.4	11.3	5.8	9.8	14.2	5.1	9.1	59	25	42	42	0 —	0 —	0 —	0.0	5.70	3.8
10	1.8	9.9	2.3	4.7	10.4	0.3	10.1	42	29	59	43	0 —	3 cs	0 —	1.0	9.10	2.6
11	1.9	9.1	5.5	5.5	9.3	99.7	9.6	70	32	61	54	8 sk	10 cs	9 cs	9.0	2.20	2.6
12	4.6	12.5	2.4	6.8	12.7	3.3	9.4	69	35	72	59	10 sk	1 cs	0 —	3.7	8.80	2.5
13	4.1	14.9	9.1	9.4	15.1	1.5	13.6	66	47	80	64	0 —	9 cs	10 cs	6.3	6.30	2.3
14	5.4	8.5	3.3	5.7	9.6	2.9	6.7	77	46	54	59	10 n	10 sk	0 —	6.7	4.50	1.9
15	0.1	9.7	1.4	3.7	10.7	99.2	11.5	79	40	66	62	9 sk	1 cs	0 —	3.3	6.90	3.2
16	7.7	13.8	6.0	9.2	14.4	1.0	13.4	73	46	74	64	0 —	4 sc	5 cs	3.0	6.90	2.1
17	97.6	95.8	90.4	94.6	6.7	90.3	16.4	47	64	33	48	0 —	10 sk	0 —	3.3	1.90	2.3
18	88.2	95.2	97.2	93.5	7.4	86.8	20.6	39	24	42	35	0 —	0 —	10 sk	3.3	8.40	2.5
19	98.6	0.1	92.2	97.0	0.4	92.0	8.4	58	73	44	58	10 sk	0 —	0 —	3.3	5.90	3.0
20	88.6	99.0	92.4	93.3	0.4	87.5	12.9	69	50	44	54	0 —	0 —	0 —	0.0	8.60	3.0
21	0.6	7.3	3.1	3.7	8.2	91.2	17.0	64	42	65	57	0 —	9 sk	2 ck	3.7	2.70	3.0
22	2.8	10.5	6.4	6.6	10.9	0.9	10.0	69	45	72	59	0 —	9 sk	10 sk	6.3	2.80	2.9
23	8.5	3.8	98.0	3.4	9.6	97.7	11.9	74	48	75	66	10 sk	1 k	0 —	3.7	7.30	1.9
24	93.9	98.8	96.8	96.5	99.3	92.8	6.5	97	71	95	88	0 —	10 sk	10 sk	6.7	0.00	0.6
25	96.0	96.8	94.5	95.8	97.3	94.4	2.9	94	69	85	83	10 n	10 sk	5 sk	8.3	0.00	1.3
26	88.7	96.2	90.3	91.7	96.5	87.5	9.0	91	63	70	75	0 —	2 k	0 —	0.7	8.00	1.4
27	88.2	97.4	93.6	93.1	97.7	86.6	11.1	91	55	82	76	0 —	0 —	0 —	0.0	8.10	1.4
28	90.0	96.6	90.8	92.5	98.1	88.6	9.5	72	54	85	70	0 —	0 —	0 —	0.0	8.00	1.1
29	98.8	3.6	95.2	99.2	4.6	90.0	14.6	80	37	66	61	0 —	0 —	0 —	0.0	6.20	1.9
30	91.6	4.6	96.4	97.5	5.9	91.5	14.4	73	62	59	65	0 —	10 sk	0 —	3.3	1.30	2.4
平均 Mean	0.0	7.2	1.0	2.8	8.9	97.0	11.9	71	44	66	60	2.9	3.6	2.7	3.1	180.50	78.3

* 重力ノ更正 Reduction to standard gravity……— 0.3
海面ヘノ更正 Reduction to mean sea level……+ 3.7

鄭家屯

昭和六年十一月 **CHENGCHIATUN.** NOVEMBER, 1931.

日 Day	氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	62.1	62.3	62.8	62.4	—	0.2	SSE	1.6	—	0.0	0.7	—	—	—	—
2	61.1	61.0	61.3	61.1	—	0.0	SSW	4.2	SSW	1.5	1.3	—	—	—	—
3	61.3	61.5	60.3	61.0	S	2.9	SSW	4.3	SSE	1.7	2.6	—	—	—	—
4	58.3	57.8	57.6	57.9	S	2.8	W	5.0	SW	1.6	2.9	—	—	—	—
5	57.3	57.3	57.7	57.4	NNW	1.5	NE	5.6	NE	0.7	2.7	—	—	—	—
6	54.7	51.1	49.2	51.7	—	0.4	—	0.3	—	0.0	0.4	—	—	—	—
7	47.8	47.7	49.5	48.3	SSW	1.7	SW	5.1	SSW	3.1	2.6	—	—	—	—
8	52.0	53.9	53.4	53.1	SSW	1.8	WSW	5.3	SSW	3.3	3.0	—	—	—	—
9	51.5	52.1	53.5	52.4	WNW	6.7	W	8.0	WSW	3.6	5.6	—	—	—	—
10	56.5	60.1	61.9	59.5	WNW	2.3	NNE	1.5	—	0.0	2.6	—	—	—	—
11	60.8	60.4	61.1	60.8	—	0.0	—	0.2	—	0.0	0.1	—	—	—	—
12	61.1	59.7	57.6	59.5	—	0.0	SSW	1.0	—	0.0	0.3	—	—	—	—
13	55.5	55.2	56.4	55.7	SSW	1.9	W	3.9	NE	2.3	1.8	—	—	—	—
14	57.5	57.8	57.5	57.6	NNE	2.0	ENE	4.0	E	1.3	2.2	—	—	—	—
15	55.4	53.1	52.8	53.8	SE	2.2	S	2.8	SSW	3.3	1.8	—	—	—	—
16	51.5	54.0	57.8	54.4	SW	1.9	WNW	10.4	NNW	3.0	4.4	—	—	—	—
17	61.1	62.5	63.7	62.4	N	1.8	WNW	6.0	—	0.2	2.3	—	—	—	—
18	64.2	62.3	60.0	62.2	NW	1.1	WSW	6.4	SSW	3.7	3.6	—	—	—	—
19	59.4	62.0	64.2	61.9	—	0.0	N	3.6	NW	0.8	2.2	—	—	—	—
20	64.5	62.8	59.0	62.1	—	0.0	WSW	5.4	SSW	3.2	2.4	—	—	—	—
21	56.4	55.4	55.0	55.6	—	0.2	—	0.0	S	0.9	1.1	—	—	—	—
22	51.8	51.3	54.5	52.5	SSW	3.4	WSW	10.0	ENE	0.6	4.6	—	—	—	—
23	52.5	59.9	63.4	58.6	SSW	0.6	NNE	6.4	NE	0.6	3.1	—	0.1	—	0.1
24	62.2	59.3	59.0	60.2	NE	1.5	ENE	2.5	ENE	3.0	2.0	—	—	—	—
25	60.9	63.3	65.0	63.1	NNE	2.9	NNE	3.9	NNE	2.6	3.0	0.8	0.1	—	0.9
26	67.0	66.0	65.1	66.0	NNE	0.9	WNW	0.8	—	0.0	0.8	—	—	—	—
27	64.7	62.8	63.7	63.7	WSW	1.5	NW	2.9	NNW	1.1	1.1	—	—	—	—
28	63.4	61.9	58.6	59.6	—	0.2	WNW	4.0	SW	1.9	2.0	—	—	—	—
29	55.0	54.4	56.7	55.4	SSW	2.7	NNW	3.2	N	1.1	2.6	—	—	—	—
30	64.2	55.2	61.9	57.1	SSW	1.2	SSE	1.8	NNE	2.7	1.4	—	—	0.1	0.1
平均 Mean	58.1	58.1	58.5	58.2		1.5		4.0		1.6	2.2	0.8	0.2	0.1	1.1

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	97.6	14.3	3.1	5.0	15.5	97.2	18.3	87	29	66	61	0 —	0 —	0 —	0.0	9.61	3.0
2	98.4	15.7	4.0	6.0	16.2	97.8	18.4	80	40	75	65	0 —	0 —	0 —	0.0	9.34	3.1
3	0.4	13.9	5.3	6.5	14.6	0.3	14.3	92	56	82	77	0 —	10 cs	0 —	3.3	6.27	1.9
4	5.1	12.3	6.7	8.0	13.4	4.1	9.3	83	57	63	68	6 cs	10 cs	0 —	5.3	3.84	2.0
5	1.4	9.3	1.6	4.1	10.1	99.7	10.4	89	34	55	56	0 —	0 —	0 —	0.0	7.16	2.6
6	97.1	8.7	0.2	2.0	10.8	95.8	15.0	76	47	64	62	0 —	0 —	0 —	0.0	9.07	2.2
7	98.0	13.6	5.8	5.8	14.8	93.7	18.1	75	30	52	52	0 —	0 —	0 —	0.0	9.38	3.4
8	1.8	14.9	6.7	7.8	16.3	0.7	15.6	98	2[illegible]	67	66	10 ≡	7 cs	0 —	5.7	8.25	3.7
9	5.9	7.6	99.4	4.3	8.1	99.4	8.7	45	25	46	39	0 —	0 —	0 —	0.0	6.77	4.4
10	0.1	7.1	98.8	2.0	9.2	98.3	10.9	75	35	68	59	0 —	0 —	0 —	0.0	8.78	2.2
11	95.9	10.2	2.9	3.0	10.5	95.1	15.4	86	35	68	63	0 —	4 c	10 n	4.7	6.71	1.9
12	96.4	10.5	0.1	2.3	11.5	95.2	16.3	84	33	70	62	0 —	2 c, cs	0 —	0.7	8.68	2.3
13	99.4	11.8	4.2	5.1	12.4	97.5	14.9	69	32	49	50	0 —	10 cs	10 n	6.7	6.29	2.7
14	0.2	5.3	98.4	1.3	6.2	98.3	7.9	62	37	52	50	10 n	0 —	0 —	3.3	7.48	1.8
15	96.9	7.0	0.0	1.3	8.1	96.4	11.7	61	45	45	50	0 —	0 —	0 —	0.0	7.82	3.5
16	99.6	9.1	1.0	3.2	10.3	97.8	12.5	79	14	12	35	0 —	4 c	0 —	1.3	8.31	4.3
17	93.3	91.0	88.8	91.0	1.7	88.7	13.0	34	13	21	24	10 n	0 —	0 —	3.3	5.51	2.8
18	85.6	94.0	88.4	89.3	95.0	85.4	9.6	44	13	43	33	0 —	2 c	0 —	0.7	8.29	2.1
19	85.2	92.6	86.8	88.2	93.8	85.2	8.6	81	21	61	54	0 —	0 —	0 —	0.0	8.74	1.7
20	83.6	98.6	90.5	90.9	99.2	83.3	15.9	83	10	51	48	0 —	0 —	0 —	0.0	8.77	2.6
21	89.4	2.9	93.9	95.4	4.2	88.5	15.7	55	39	97	67	0 —	0 —	0 —	0.0	8.65	2.2
22	99.7	8.1	97.0	1.6	8.8	93.5	15.3	93	42	61	65	0 —	10 c, cs	2 c	4.0	7.53	2.0
23	1.8	98.4	92.7	97.6	2.4	92.3	10.1	86	77	97	87	10 n	0 c	0 —	3.3	5.43	1.5
24	92.1	93.3	95.2	94.5	97.4	90.6	6.8	97	65	88	83	10 n	10 n	10 n	10.0	0.00	0.6
25	92.7	94.7	87.8	91.7	95.6	87.8	8.8	97	69	91	86	10 n	10 n, ku	0 —	6.7	5.15	1.5
26	83.4	94.9	88.2	88.8	97.2	82.8	14.4	94	50	91	81	0 —	0 —	0 —	0.0	8.79	1.3
27	84.0	96.1	88.4	89.5	97.1	83.9	13.2	89	42	85	73	0 —	0 —	0 —	0.0	8.43	1.6
28	86.3	95.7	89.3	90.4	97.6	85.2	12.4	86	41	92	73	0 —	0 —	0 —	0.0	8.34	1.7
29	87.1	97.2	89.8	91.4	97.9	86.2	11.7	95	48	61	68	0 —	0 —	0 —	0.0	8.56	1.5
30	89.7	98.0	94.6	94.1	99.2	86.6	12.6	85	33	72	63	10 n	0 —	10 n	6.7	4.14	1.5
平均 Mean	94.9	4.3	97.0	98.8	5.9	93.0	12.9	78	38	65	61	2.5	2.6	1.4	2.2	220.09	70.1

* 重力ノ更正 Reduction to standard gravity 0.1
海面ヘノ更正 Reduction to mean sea level ..... + 11.2

洗　南

昭和六年十一月　　TAONAN　　NOVEMBER, 1931.

日 Day	氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	58.7	57.5	58.6	58.3	W	1.5	SSW	2.5	SSW	2.0	1.7	—	—	—	—
2	57.7	56.3	56.9	57.0	SSW	1.9	SSW	4.8	SSW	3.7	3.4	—	—	—	—
3	56.2	56.6	56.2	56.3	S	2.6	S	4.0	SSE	3.7	3.6	—	—	—	—
4	53.4	52.5	52.7	52.9	SSE	1.4	SSE	1.2	SSW	1.8	1.8	—	—	—	—
5	55.4	54.6	54.1	54.7	N	4.4	NNW	3.3	WSW	1.9	3.0	—	—	—	—
6	50.9	46.7	43.5	47.0	SW	1.1	S	3.6	S	3.0	2.1	—	—	—	—
7	42.3	46.2	44.5	44.3	SW	2.5	SW	5.7	SSW	0.9	3.3	—	—	—	—
8	46.9	49.3	49.0	48.4	SSW	2.9	WNW	1.0	NNE	2.6	1.4	—	—	—	—
9	46.7	45.5	46.3	46.2	SSE	1.2	W	9.9	W	7.0	5.7	—	—	—	—
10	50.7	54.2	58.2	54.4	W	4.8	NNW	1.7	SE	1.4	2.9	—	—	—	—
11	58.1	56.3	56.2	56.9	SE	1.8	SW	2.3	S	1.9	1.8	—	—	—	—
12	57.1	55.8	53.5	55.5	S	1.3	SSW	3.7	S	2.0	2.2	—	—	—	—
13	51.6	50.7	52.5	51.6	S	1.9	N	6.7	NW	1.8	3.1	—	—	—	—
14	55.0	54.4	54.2	54.5	N	2.9	E	1.4	ESE	3.5	2.3	—	—	—	—
15	51.9	48.2	47.4	49.2	SE	2.3	S	6.7	SSE	6.2	4.7	—	—	—	—
16	45.2	48.1	54.2	49.2	SSW	3.9	SW	12.8	WSW	8.8	7.5	—	—	—	—
17	56.7	55.0	56.5	56.1	SSW	6.6	W	10.8	W	9.9	9.7	—	—	—	—
18	58.2	56.2	55.2	56.5	WSW	4.0	W	8.6	SSW	2.1	6.5	—	—	—	—
19	57.5	58.3	59.4	58.4	N	1.9	W	3.3	W	2.6	2.6	—	—	—	—
20	59.3	56.6	53.9	56.6	WSW	2.9	WSW	5.1	SSW	4.0	3.5	—	—	—	—
21	49.9	51.6	52.3	51.3	SW	3.5	NNW	3.6	NE	3.2	3.2	—	—	—	—
22	47.6	48.2	51.7	49.2	E	2.3	NNW	5.5	N	1.9	3.3	—	—	—	—
23	52.2	56.1	59.5	55.9	N	3.1	W	1.6	N	3.2	3.1	1.1	1.0	—	2.1
24	59.0	56.8	57.0	57.6	NNE	1.8	NE	2.4	NE	2.0	1.9	—	—	—	—
25	57.7	59.7	62.3	59.9	NE	1.6	NNW	4.4	—	0.0	2.5	—	—	—	—
26	63.9	62.2	61.5	62.5	SW	1.5	WSW	3.1	WSW	0.8	1.7	—	—	—	—
27	60.4	59.1	59.7	59.7	WSW	1.2	NNW	3.0	WNW	2.9	1.8	—	—	—	—
28	59.4	57.0	52.8	56.4	W	2.0	SW	2.6	SW	4.4	2.9	—	—	—	—
29	49.4	51.8	52.6	51.3	SW	2.2	NNW	4.9	SW	1.8	2.1	—	—	—	—
30	50.6	52.8	59.4	54.3	SW	1.8	N	2.4	N	4.8	2.5	—	0.0	0.4	0.4
平均 Mean	54.0	53.8	54.4	54.1		2.5		4.4		3.2	3.3	1.1	1.0	0.4	2.5

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	96.5	12.5	2.4	3.8	13.6	96.4	17.2	86	36	50	57	0 —	0 —	0 —	0.0	9.74	2.9
2	98.7	16.7	6.0	7.1	16.7	97.6	19.1	85	30	49	55	0 —	0 —	0 —	0.0	9.50	5.0
3	98.8	11.7	6.2	5.6	12.8	98.6	14.2	90	48	79	72	0 —	10 sc	0 —	3.3	8.34	2.2
4	0.5	8.8	3.3	4.2	10.9	0.2	10.7	94	71	69	78	0 —	10 cs, c	0 —	3.3	6.08	1.7
5	99.9	8.7	0.3	3.0	9.0	99.1	9.9	84	73	55	71	0 —	0 —	0 —	0.0	9.10	2.7
6	94.5	11.1	1.7	2.4	11.6	93.9	17.7	85	41	54	60	0 —	0 —	0 —	0.0	9.39	3.2
7	97.7	12.9	0.5	3.7	13.5	97.0	16.5	87	31	65	61	0 —	0 —	0 —	0.0	9.34	3.3
8	98.7	7.3	2.0	3.0	9.4	96.7	12.7	68	55	63	60	9 sc	8 c	0 —	5.7	8.44	2.8
9	2.8	5.1	2.1	3.3	6.0	0.8	5.2	50	36	30	39	10 sc	10 c	0 —	6.7	7.66	4.3
10	98.3	6.7	98.1	1.0	8.5	96.9	11.6	58	45	36	46	0 —	0 —	0 —	0.0	9.03	2.2
11	94.1	8.5	99.9	0.8	10.6	93.2	17.4	60	38	61	53	0 —	10 c	0 —	3.3	8.32	2.1
12	93.5	9.3	0.1	1.0	9.9	92.9	17.0	73	28	60	54	0 —	7 c	0 —	2.3	5.89	2.6
13	95.3	9.1	0.1	1.5	9.7	95.2	14.5	92	31	50	58	0 —	10 cs	0 —	3.3	8.78	3.0
14	95.7	5.0	96.3	99.0	5.3	92.0	13.3	89	40	84	71	0 —	0 —	0 —	0.0	8.76	2.4
15	94.1	6.9	1.5	0.8	7.6	92.8	14.8	65	26	38	43	0 —	0 —	0 —	0.0	7.54	4.1
16	95.9	5.0	94.1	98.3	5.0	94.1	10.9	79	33	41	51	0 —	0 —	0 —	0.0	8.38	4.7
17	87.7	89.1	87.8	88.2	94.1	85.8	8.3	88	48	43	60	2 sk	0 —	10 cs	4.0	9.06	1.6
18	83.5	91.1	84.7	86.4	94.0	83.3	10.7	58	23	52	44	0 —	0 —	0 —	0.0	8.20	1.6
19	81.9	91.9	87.1	87.0	93.2	81.4	11.8	83	24	59	54	0 —	0 —	0 —	0.0	8.81	1.2
20	83.1	97.5	91.0	90.5	98.8	82.4	16.4	58	20	40	39	0 —	0 —	0 —	0.0	8.86	2.1
21	87.2	98.3	93.0	92.8	98.9	86.1	12.8	79	30	58	56	0 —	1 c	3 c	1.3	8.64	1.9
22	93.2	97.0	91.9	94.0	97.4	90.0	7.4	73	44	93	70	10 n	0 —	10 sc	6.7	6.30	1.4
23	92.7	97.6	89.3	93.2	99.0	87.9	11.1	97	82	77	85	10 n	0 —	0 —	3.3	0.00	1.0
24	87.9	94.7	92.5	91.7	94.8	84.4	10.4	84	59	69	71	5 sc	10 s	10 kc	8.3	7.95	1.7
25	87.5	94.5	85.5	89.2	95.1	85.5	9.6	91	61	91	81	10 sc	0 —	0 —	3.3	7.74	1.1
26	80.7	95.4	85.6	87.2	96.6	79.6	17.0	87	65	91	81	0 —	0 —	0 —	0.0	8.65	0.9
27	82.2	95.1	87.3	88.2	96.1	82.2	13.9	82	59	87	76	1 c	0 —	0 —	0.3	8.54	0.9
28	84.3	95.3	87.7	89.1	95.4	82.2	13.2	90	48	80	73	0 —	1 c	2 c	1.0	8.44	1.0
29	82.5	95.1	89.3	89.0	96.8	81.4	15.4	89	50	81	73	0 —	4 c	10 sc	4.7	7.69	0.9
30	89.7	94.9	86.9	90.5	95.0	86.9	8.1	85	74	87	82	10 s	10 n	4 sc	8.0	2.52	0.8
平均 Mean	92.0	2.4	95.2	96.5	3.5	90.6	13.0	80	45	63	62	2.2	3.0	1.6	2.3	235.69	67.3

* 重力ノ更正　Reduction to standard gravity ……— 0.0
海面ニノ更正　Reduction to mean sea level ……+ 14.6

哈爾濱
KHARBIN.

昭和六年十一月 NOVEMBER, 1931.

日 Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	60.8	60.6	60.4	60.6	NE	1.1	S	0.7	SE	3.5	1.2	—	—	—	—
2	60.0	59.8	59.4	59.7	S	4.4	SW	4.0	S	4.9	3.8	—	—	—	—
3	59.5	58.9	58.7	59.0	S	5.8	SW	4.1	S	3.6	3.9	—	—	—	—
4	56.4	54.2	52.1	54.2	SSE	2.6	SW	3.3	SW	3.0	3.1	—	—	—	—
5	54.8	55.6	55.1	55.2	NNE	3.6	NNW	3.7	SSW	1.2	2.8	—	—	—	—
6	52.2	48.5	45.8	48.8	SSE	3.5	SW	2.5	S	1.6	2.1	—	—	—	—
7	44.5	44.3	46.8	45.2	SSW	3.2	SSW	5.3	SSE	4.8	3.9	—	—	—	—
8	47.3	51.1	51.2	49.9	SSW	5.0	WSW	6.4	SW	0.8	4.1	—	—	—	—
9	47.6	45.7	45.9	46.4	S	4.9	WSW	8.2	SSW	4.6	4.6	—	—	—	—
10	49.5	55.3	56.3	53.7	WNW	4.6	W	5.5	SSW	1.3	4.0	—	—	—	—
11	53.5	58.6	58.5	58.5	S	2.9	SW	1.8	S	2.9	2.0	—	—	—	—
12	58.8	57.2	55.5	57.2	S	1.3	W	2.3	SSE	2.9	1.9	—	—	—	—
13	53.4	50.8	52.5	52.2	S	4.2	SW	5.8	NW	2.5	4.1	—	—	—	—
14	54.4	54.8	55.7	55.0	NNW	2.6	NNW	2.8	—	0.4	1.9	—	—	—	—
15	54.2	51.4	51.2	52.3	NE	1.5	ENE	2.3	E	2.5	1.9	—	—	—	—
16	47.4	47.1	51.6	48.7	S	5.8	SW	9.0	WSW	6.1	5.0	—	—	—	—
17	54.8	54.2	53.7	54.2	SW	5.4	WSW	9.3	W	10.0	7.3	—	—	—	—
18	55.4	55.6	56.1	55.7	WSW	10.2	W	9.6	WNW	1.2	7.4	—	—	—	—
19	56.7	57.5	59.2	57.8	NW	1.8	NW	6.5	WSW	2.3	3.5	—	—	—	—
20	59.6	58.6	56.3	58.2	SW	2.5	W	4.9	S	3.5	2.8	—	—	—	—
21	52.3	51.4	53.2	52.3	S	5.8	WSW	4.5	W	0.6	3.8	—	—	—	—
22	51.8	49.3	51.5	50.9	E	1.2	SW	5.4	W	3.2	3.1	—	0.2	—	0.2
23	52.4	54.6	59.5	55.5	NNE	0.6	N	4.3	W	1.8	2.6	—	1.3	—	1.3
24	59.7	58.4	57.2	58.4	SW	3.2	W	0.8	E	0.7	1.2	—	—	—	—
25	57.6	58.9	62.2	59.6	N	1.5	N	3.9	NW	2.6	2.3	—	—	—	—
26	64.3	62.9	62.7	63.3	SW	2.0	SSW	3.9	SW	2.9	2.2	—	—	—	—
27	61.7	60.6	59.9	60.7	S	2.5	SW	1.8	SW	2.3	2.2	—	—	—	—
28	59.5	60.6	54.8	58.3	SSW	1.5	SW	2.8	SSW	2.5	2.2	—	—	—	—
29	52.8	51.3	52.8	52.3	S	5.8	SW	3.5	NW	2.5	4.1	—	—	—	—
30	53.6	54.5	59.9	56.0	SW	0.5	W	1.2	N	2.9	1.3	—	—	—	—
平均 Mean	55.1	54.7	55.2	55.0		3.4		4.3		2.9	3.2	—	1.5	—	1.5

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION
1	99.1	10.2	2.7	4.0	11.2	99.1	12.1	79	34	83	65	8 k, kc	0 —	0 —	2.7	8.10	2.1
2	0.6	15.2	6.8	7.5	15.9	0.2	15.7	84	25	61	57	0 —	0 —	0 —	0.0	9.30	3.3
3	2.8	15.2	7.4	8.5	16.1	1.4	14.7	83	42	61	62	1 sk	2 c	0 —	1.0	8.80	2.3
4	4.0	13.0	7.1	8.0	13.2	3.7	9.5	81	44	79	68	10 sc, n	10 sc	0 —	6.7	2.80	1.9
5	99.5	6.0	99.2	1.0	7.3	98.7	8.6	85	34	74	64	0 —	0 —	0 —	0.0	9.20	2.2
6	97.2	9.4	99.8	2.1	9.9	96.8	13.1	74	32	58	55	0 —	0 —	0 —	0.0	8.95	2.6
7	98.8	12.6	2.7	4.7	13.2	97.9	15.3	67	30	63	53	0 —	0 —	0 —	0.0	9.20	2.5
8	0.6	12.8	2.0	5.1	14.0	0.5	13.5	78	29	65	57	0 —	4 c	0 —	1.3	8.40	3.0
9	2.0	6.6	1.4	3.3	8.0	99.4	8.6	75	37	54	55	4 c, cs	1 sc	10 n	5.0	5.22	2.8
10	96.2	3.0	97.1	98.8	4.2	96.2	8.0	89	54	58	67	6 sk	4 n, ck	0 —	3.3	4.60	2.0
11	94.6	7.6	0.1	0.8	8.1	93.8	14.3	82	42	75	66	0 —	2 sc	0 —	0.7	8.32	1.5
12	95.0	10.0	1.1	2.0	10.0	94.8	15.2	91	49	94	78	0 —	0 —	0 —	0.0	8.43	2.3
13	98.6	10.8	1.8	3.7	11.4	97.9	13.5	84	35	66	62	1 sk	6 c, cs	10 ck	5.7	7.28	2.3
14	95.2	3.0	94.2	97.5	3.5	94.2	9.2	91	44	86	72	2 sk	0 —	0 —	0.7	7.95	2.0
15	92.2	3.3	95.3	96.9	4.4	91.4	13.0	84	36	78	66	2 sc	2 c	0 —	1.3	8.18	2.2
16	99.4	7.2	98.3	1.6	8.5	94.3	14.2	68	25	47	47	8 n	7 sc, ck	0 —	5.0	5.77	3.4
17	91.2	90.8	88.6	90.2	98.5	87.7	10.8	73	43	62	59	10 sk, n	0 —	9 n	6.3	5.45	1.6
18	86.2	90.7	87.0	88.0	91.0	86.1	4.9	64	34	50	49	0 —	0 —	1 cs	0.3	8.44	1.7
19	83.2	89.3	85.5	86.0	90.0	83.2	6.8	68	37	47	51	0 —	0 —	0 —	—	8.10	1.0
20	82.8	94.6	89.8	89.1	95.0	82.6	12.4	83	26	46	52	0 —	0 —	2 cs	0.7	8.07	1.7
21	90.1	99.2	90.2	93.2	99.7	88.4	11.3	61	36	62	53	8 kc, ck	0 —	0 —	2.7	6.34	1.3
22	91.8	5.7	95.9	97.8	5.8	88.8	17.0	87	68	94	83	10 sc, sk	10 n	8 kc, n	9.3	0.0	0.8
23	94.1	94.8	88.8	92.6	96.3	88.7	7.6	97	80	85	87	10 n	6 kc, ck	0 —	5.3	2.21	1.5
24	83.0	91.9	91.1	88.7	92.5	82.8	9.7	89	73	80	81	0 —	10 sc, n	10 n, kc	6.7	0.0	0.8
25	87.2	92.8	87.3	89.1	93.5	86.6	6.9	91	66	83	80	4 sk, cs	2 k	0 —	2.0	5.98	1.1
26	82.4	93.4	86.0	87.3	93.9	81.6	12.3	88	63	82	78	0 —	0 —	0 —	0.0	8.08	0.9
27	84.9	93.6	87.4	88.6	93.7	83.6	10.1	90	70	88	83	10 sk, n	5 c, cs	8 cs, sc	7.7	2.48	1.2
28	82.0	94.0	85.3	87.1	94.7	81.8	12.9	93	65	86	81	5 ck	1 k	0 —	2.0	7.80	1.0
29	86.0	94.5	87.6	89.4	94.7	85.0	9.7	91	60	83	78	0 —	9 kc	7 sc	5.3	6.10	0.9
30	85.3	92.6	86.1	88.0	92.9	85.0	7.9	90	72	73	78	10 sc	10 sc, s	10 s	10.0	1.55	0.3
平均 Mean	92.9	2.1	95.1	96.7	3.6	91.7	11.3	82	46	71	66	3.6	3.0	2.5	3.1	191.10	54.2

* 重力ノ更正 Reduction to standard gravity……+ 0.1
海面ヘノ更正 Reduction to mean sea level……+ 14.1

昭和六年十二月二十五日印刷
昭和六年十二月二十八日發行

關東廳觀測所
大連市八幡町三十五番地

大連市大山通六十三番地
印刷人　太田信三

大連市若狹町三十三番地
印刷所　小林又七支店

昭和六年十二月

滿洲氣象表

REPORT

OF THE

METEOROLOGICAL OBSERVATIONS

MADE AT THE

METEOROLOGICAL STATIONS

IN

MANCHURIA.

DECEMBER, 1931.

PUBLISHED BY THE METEOROLOGICAL OBSERVATORY, DAIREN.

凡　例

本編ハ昭和六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クレバ

觀測時ハ日本西部標準時卽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

氣壓ハ粍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卽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

平均雲量二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, 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	①	Solar corona
電雷	⌈	Thunder storm	霧氷	V	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	黄道光	♄	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	黄砂	≈	Yellow dust
朝焼 夕焼	σ	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) 現象ノ强サ　*The intensity of the phenomena*

現象ノ强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　　强雨 $●^2$ 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
强震(弱キ方)	$⦶^{(4)}$	strong	强震	$⦶^{(5)}$	very strong	烈震	$⦶^{(6)}$	disastrous

大　連

昭和六年十二月　　DAIREN.　　DECEMBER, 1931.

日 Day	氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h.		降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
1	64.6	66.9	69.2	67.6	67.4	66.5	67.0	NNW	11.4	NNW	11.8	N	6.9	N	5.1	NNW	5.9	NNW	4.3	6.7		—	—	—	—	—	—	—
2	65.6	64.6	64.4	62.7	63.3	63.6	64.0	NNW	5.5	NNW	3.7	NW	2.1	NNW	6.8	NNW	6.8	NNW	5.4	5.3		—	—	—	—	—	—	—
3	63.3	63.2	63.7	61.8	62.3	61.4	62.6	NNW	4.1	N	3.5	NNW	1.8	NNW	6.0	WNW	1.5	SW	5.0	4.2		—	—	—	—	—	—	—
4	60.0	59.3	60.4	59.3	60.0	60.8	60.0	W	3.3	WNW	6.7	NNW	3.4	NW	3.5	WSW	4.2	WSW	4.8	3.4		—	—	—	—	—	—	—
5	61.2	61.3	62.5	61.2	61.7	61.1	61.5	SW	3.1	SW	4.7	SW	7.5	SSW	7.5	SSW	5.1	SSW	6.1	5.7		—	—	—	—	—	—	—
6	60.5	59.4	58.9	56.2	55.1	55.4	57.6	SSW	5.1	SSW	8.2	S	7.7	S	4.2	S	2.9	S	3.2	6.0		—	—	—	1.6	2.1	1.9	5.6
7	55.9	56.9	59.6	58.5	58.9	58.4	58.0	NW	1.8	NNW	2.0	NNW	4.8	N	3.4	N	2.0	NW	1.1	2.9		1.7	0.2	—	—	—	—	1.9
8	58.2	56.7	57.0	55.3	56.0	57.0	56.7	NW	2.4	—	0.2	—	0.1	NNW	0.9	NW	2.2	NNW	6.8	2.3		—	—	0.1	3.4	1.0	0.0	4.5
9	57.5	58.1	59.8	58.8	59.9	60.8	59.2	NNW	10.7	NNW	10.9	N	11.8	N	12.0	NNW	8.9	NNW	4.8	10.4		0.0	—	—	—	—	—	0.0
10	60.6	60.6	60.3	58.2	57.9	57.7	59.2	NNW	2.2	—	0.1	—	0.0	SSW	3.6	SSE	3.7	S	7.1	2.6		—	—	—	—	—	—	—
11	57.5	56.1	56.2	56.6	59.5	62.8	58.1	S	3.3	S	2.0	S	4.5	NNW	15.3	NNW	14.7	NNW	16.3	8.2		—	0.1	2.0	3.6	0.0	0.2	5.9
12	65.7	67.0	67.5	66.1	66.3	64.9	66.3	NNW	17.4	NNW	14.4	N	11.0	N	9.6	N	3.8	NW	8.1	11.1		0.1	—	0.1	0.4	0.8	0.2	1.6
13	63.2	62.1	62.0	59.3	58.1	56.9	60.3	NW	7.5	NW	5.7	NE	1.8	WNW	5.6	WSW	4.4	SW	5.0	4.8		—	—	—	—	—	—	—
14	55.8	54.7	56.4	55.1	56.1	56.9	55.8	SW	6.4	SW	2.6	WSW	6.0	WSW	3.7	WNW	0.7	WSW	0.9	4.0		—	—	—	—	—	—	—
15	57.4	57.0	58.2	58.0	59.3	61.4	58.6	WNW	1.4	—	0.0	NW	7.1	NW	9.8	NW	6.8	NNW	11.9	4.6		—	—	—	—	—	0.0	0.0
16	63.2	64.5	66.8	64.6	63.7	62.3	64.2	NNW	10.8	NNW	8.7	N	5.9	NW	5.3	S	1.2	WSW	3.2	5.8		—	—	—	—	—	—	—
17	61.0	60.5	62.6	63.5	66.7	68.5	63.8	WSW	7.3	SW	3.6	N	6.9	N	8.9	N	8.0	N	6.2	6.5		—	—	0.2	0.0	—	—	0.2
18	68.7	69.0	69.7	67.4	66.7	66.7	68.0	NNE	2.9	N	1.2	N	2.3	SSW	3.0	SW	7.4	W	2.0	3.1		—	—	—	—	—	—	—
19	66.7	66.4	67.1	65.7	66.2	66.9	66.5	WSW	0.9	WSW	1.8	NW	6.0	NW	3.5	WNW	1.3	—	0.1	2.2		—	—	—	—	—	—	—
20	67.2	67.8	69.6	68.3	68.6	68.5	68.3	WNW	0.6	WNW	1.3	N	6.5	N	5.5	NNW	3.8	N	3.8	3.9		—	—	—	—	—	—	—
21	68.3	67.2	67.2	65.4	66.0	66.7	66.8	NW	2.0	—	0.0	SSW	3.4	WSW	3.4	WSW	1.7	WSW	0.9	2.3		—	—	—	—	—	—	—
22	66.7	66.8	68.1	66.7	67.0	67.3	67.1	NNW	1.4	NNW	1.5	NW	3.3	NNW	3.2	NNW	4.3	N	6.1	2.8		—	—	—	—	—	—	—
23	67.2	66.6	67.4	66.1	66.1	65.8	66.5	NNW	8.2	NNW	8.5	N	10.2	N	9.0	N	7.2	N	6.4	7.9		—	—	—	—	—	—	—
24	65.5	65.0	65.6	64.0	64.2	64.7	64.8	N	5.8	NNW	2.3	N	5.7	N	7.9	N	7.2	N	4.7	6.0		—	—	—	—	—	—	—
25	64.3	63.8	64.5	62.9	63.2	63.4	63.7	NW	2.9	NNW	1.2	NW	2.0	NNW	3.0	—	0.2	SW	1.6	2.2		—	—	—	—	—	—	—
26	62.9	61.5	62.5	60.6	60.5	60.1	61.4	W	4.3	—	0.1	S	2.7	S	2.9	SSE	1.3	—	0.1	1.8		—	—	—	—	—	—	—
27	59.7	58.4	58.7	56.9	58.0	58.5	58.4	NE	0.5	ENE	4.4	NE	5.3	N	4.9	NNW	6.2	NNW	8.8	4.4		—	—	—	0.0	0.0	—	0.0
28	59.9	60.1	63.0	62.3	64.8	66.3	62.7	NNW	6.5	NNW	9.9	N	10.1	N	9.0	NNW	11.0	NNW	9.1	9.7		—	—	—	—	—	—	—
29	67.2	67.9	69.3	67.4	68.1	68.0	68.0	NNW	12.0	NNW	8.6	NNW	7.6	N	7.1	N	5.4	NNW	5.7	8.0		—	—	—	—	—	—	—
30	67.2	66.4	66.2	64.3	64.2	63.6	65.3	NNW	6.5	NNW	5.3	NNW	5.3	N	6.2	N	6.4	NNW	7.4	4.5		—	—	—	—	—	—	—
31	62.8	61.8	62.0	60.2	60.3	60.2	61.2	NNW	6.8	NNW	6.1	NNW	3.3	NNW	2.6	NW	0.9	—	0.0	3.7		—	—	—	—	—	—	—
平均 Mean	62.8	62.5	63.4	62.0	62.5	62.7	62.6		5.3		4.5		5.3		5.9		4.7		5.1	5.1		1.8	0.3	2.4	9.0	3.9	2.3	19.7

日 Day	氣溫 (攝氏) AIR TEMPERATURE (°C) 2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 6h	10h	14h	18h	22h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	98.6	96.4	96.7	99.0	96.4	95.4	97.1	1.8	95.3	6.5	49	61	54	38	61	64	55	0 —	0 sk	0 —	0 —	0 —	0.0	9.10	1.7
2	96.1	96.4	99.4	0.4	98.0	97.1	97.9	1.2	94.8	6.4	66	73	56	36	39	55	54	10 c	4 sk, ck	10 kc	0 —	0 —	4.8	4.20	2.5
3	95.6	97.2	0.3	2.5	0.3	1.8	99.6	3.0	95.6	7.4	56	50	46	49	47	65	52	0 —	0 —	0 k	0 —	0 —	0.0	8.10	2.0
4	3.6	2.8	5.5	7.0	5.2	5.0	4.9	7.6	1.0	6.6	55	63	43	36	49	66	52	1 ck	7 c	0 —	0 —	0 —	1.6	8.80	2.1
5	5.1	5.1	9.4	9.8	6.1	6.5	7.0	11.2	3.6	7.6	66	72	62	59	70	62	65	0 —	2 s	0 —	0 —	0 —	0.4	8.40	2.7
6	6.3	6.5	8.9	8.1	8.9	8.7	7.9	9.1	5.8	3.3	70	74	80	97	98	100	87	10 sc	10 sk	10 n	10 n	10 n	10.0	0.00	0.6
7	6.4	5.4	3.3	4.7	2.2	1.0	3.8	8.9	0.9	8.0	100	91	93	91	87	86	91	10 sk	10 s	10 s	4 sk	4 s	7.6	0.40	0.7
8	1.1	3.4	5.3	4.8	2.9	2.0	3.3	6.3	0.4	5.9	88	86	100	100	100	96	95	10 sk	10 n	10 n, s	10 n	10 n	10.0	0.00	1.6
9	99.9	97.9	98.0	98.3	96.5	96.0	97.8	2.0	95.5	6.5	62	56	41	48	53	52	52	0 —	0 k	0 k	0 —	0 —	0.0	8.10	2.1
10	95.1	94.4	99.2	3.6	1.4	2.9	99.4	4.0	94.3	9.7	52	62	56	54	64	61	58	4 cs	5 kc	3 kc, sc	7 sk	10 sk	5.8	6.90	1.5
11	3.4	3.1	3.2	94.8	92.4	91.0	98.0	3.7	90.4	13.3	65	83	98	91	84	100	87	10 n	10 n	10 n	10 n	10 n	10.0	0.00	0.5
12	88.0	87.4	88.0	88.1	88.9	91.8	88.7	91.8	86.7	5.1	84	79	88	96	96	52	83	5 sc	10 n	10 n	10 n	10 sk	9.0	0.00	0.5
13	93.1	93.4	96.0	99.7	98.9	99.7	96.9	0.2	91.3	8.9	57	61	61	40	54	45	53	5 sk	0 c, k	0 k	4 sk, c	6 cs	3.0	6.80	1.7
14	0.8	99.2	1.8	3.6	0.1	0.1	0.9	4.0	98.7	5.3	48	48	52	58	44	44	49	3 c, sk	8 sk	7 sk	10 sc	10 sc	7.6	6.10	1.2
15	97.6	98.1	1.4	0.5	98.4	96.8	98.8	1.4	96.6	4.8	82	73	39	33	43	36	51	0 —	4 kc	3 sk	4 sk	3 sk	2.8	6.10	3.4
16	94.9	93.6	93.9	95.5	94.1	96.9	94.8	96.9	92.5	4.4	41	47	40	37	54	50	45	10 sk, ck	8 k, sk	5 k	2 kc	3 c	5.6	5.60	1.6
17	99.3	0.1	95.6	93.8	89.9	89.1	94.6	1.0	88.9	12.1	52	54	83	45	50	48	55	5 sk, cs	10 n	10 cs	0 —	0 —	5.0	4.20	1.8
18	88.5	88.4	91.6	98.1	97.1	98.2	93.7	98.6	87.8	10.8	56	57	42	43	64	63	54	0 —	0 —	0 —	3 s	0 —	0.6	7.70	1.4
19	97.5	98.5	1.2	1.0	98.1	97.1	98.9	2.9	97.0	5.9	72	73	71	65	75	69	71	0 —	5 k	10 sk	0 —	0 —	3.0	4.50	0.5
20	96.4	96.4	96.6	98.3	95.8	94.4	96.3	98.8	94.3	4.5	57	51	43	38	55	57	50	0 —	0 —	0 —	0 —	0 —	0.0	8.20	1.9
21	94.1	94.5	2.1	3.3	0.2	1.1	99.2	4.4	93.5	10.9	65	71	62	59	77	78	69	0 —	2 sk	4 sk, c	7 ck, sk	10 sk	4.6	6.55	1.3
22	98.3	95.1	95.8	97.8	95.4	94.7	96.2	1.1	94.3	6.8	95	74	80	63	69	63	74	0 —	10 sk	10 kc, sk	10 sk, s	10 sc, s	8.0	0.80	1.9
23	94.1	93.6	94.4	95.5	94.4	94.1	94.4	95.9	92.9	3.0	58	53	42	40	49	51	49	1 c	4 cs, ck	1 sc	0 —	0 —	1.2	7.90	2.2
24	94.0	93.9	96.2	97.9	96.5	95.6	95.7	98.1	93.6	4.5	56	73	55	43	59	61	58	0 —	0 —	0 —	0 —	0 —	0.0	8.20	2.0
25	94.8	94.4	99.0	2.2	0.3	99.3	98.5	3.6	94.4	9.2	56	73	54	33	60	76	59	0 —	0 c	0 —	0 —	0 —	0.0	8.20	1.5
26	1.1	99.4	3.0	2.9	1.7	1.2	1.6	4.0	98.5	5.5	71	74	75	69	65	71	71	0 —	10 s	10 sk	10 sk	10 sc	8.0	1.30	0.9
27	0.5	99.8	0.5	1.5	96.9	94.7	99.0	1.6	94.5	7.1	89	89	84	83	81	77	84	10 sc	10 sc	10 n	10 cs, s	0 —	8.0	0.00	1.7
28	92.9	93.2	93.2	94.0	92.4	92.1	92.8	94.7	91.6	3.1	71	52	54	45	53	49	54	10 sc, s	10 cs, ck	3 cs	0 —	0 —	4.6	5.85	2.3
29	91.5	90.9	92.0	93.5	92.3	92.4	92.1	93.7	90.1	3.6	42	52	55	50	56	59	52	0 —	6 cs	8 c	0 —	0 —	2.8	7.80	2.6
[illegible]	[illegible]	94.9	96.6	95.2	94.0	94.3	96.9	91.7	5.2	46	59	40	47	46	56	49	4 cs	8 c	8 c	10 cs	0 —	6.0	6.15	2.7
[illegible]	[illegible]	4	94.6	97.3	95.2	94.0	94.8	97.5	93.0	4.5	51	58	47	40	61	76	56	10 cs	5 cs	7 kc	4 ck	3 ck	5.8	5.10	1.5
[illegible]	[illegible]	98.8	99.8	97.8	97.6	98.0	1.5	94.8	6.7	64	66	61	56	63	64	62	3.8		5.4	5.1	4.0	3.5	4.4	161.05	52.6

* 重力ノ更正　Reduction to standard gravity……— 0.4
海面ヘノ更正　Reduction to mean sea level……+ 9.4

大　連

昭和六年十二月　**DAIREN.**　DECEMBER, 1931.

日 Day	水蒸氣ノ張力(粍) TENSION OF VAPOUR (mm) 2h	6h	10h	14h	18h	22h	平均 Mean	地面溫度(攝氏) EARTH TEMP. ON THE SURFACE (°C) 6h	14h	22h	平均 Mean	地中溫度(攝氏) EARTH TEMPERATURE (°C) 0.1m	0.2m	0.3m	0.5m	1.0m	2.0m	3.0m	4.0m	5.0m	最低地溫(攝氏) MIN. TEMP. ON GRASS (°C)	最高日溫(攝氏) MAX. TEMP. (BLACK BULB) (°C)
1	2.0	2.1	1.9	1.6	2.1	2.1	2.0	98.1	4.5	97.5	0.0	1.0	2.4	3.6	5.3	8.7	11.9	13.7	14.7	14.8	93.8	5.3
2	2.3	2.6	2.5	1.7	1.5	2.0	2.1	97.7	1.5	97.6	98.9	0.2	1.6	3.0	4.7	8.4	11.7	13.5	14.5	14.7	93.1	9.2
3	1.9	1.9	2.2	2.7	2.2	3.4	2.4	97.0	5.3	99.0	0.4	99.8	1.1	2.7	4.3	8.0	11.4	13.4	14.4	14.7	94.0	9.8
4	3.2	3.5	2.9	2.7	3.3	4.3	3.3	98.5	8.9	0.7	2.7	0.2	1.3	2.5	4.2	8.0	11.4	13.2	14.4	14.7	99.0	14.6
5	4.3	4.7	5.5	5.3	4.9	4.5	4.9	0.9	11.6	3.3	5.3	1.8	1.9	3.0	4.3	7.6	11.1	13.0	14.2	14.5	1.0	18.0
6	5.0	5.3	6.8	7.8	8.4	8.4	7.0	3.8	7.7	8.0	6.5	4.7	4.0	4.6	5.5	7.7	10.9	13.0	14.1	14.5	4.0	10.4
7	7.2	6.1	5.4	5.8	4.6	4.2	5.6	5.7	7.0	2.0	4.9	5.8	5.8	6.2	6.6	8.0	10.9	12.8	14.1	14.5	99.5	10.0
8	4.3	5.0	6.6	6.4	5.6	5.1	5.5	2.5	6.2	3.5	4.1	4.5	4.4	5.3	6.5	8.5	10.6	12.7	13.9	14.5	99.1	7.2
9	2.8	2.2	1.6	2.0	1.9	1.8	2.1	99.8	1.9	97.3	99.7	1.8	3.1	4.8	6.2	8.2	10.6	12.5	13.7	14.3	93.8	4.1
10	1.7	1.9	2.4	3.1	3.2	3.4	2.6	96.0	3.7	3.0	0.9	0.2	1.6	3.0	5.0	8.2	10.5	12.3	13.9	14.3	90.6	13.4
11	3.8	4.8	5.6	2.8	2.2	2.3	3.6	0.7	0.3	98.7	99.9	0.7	1.4	2.7	4.5	7.9	10.4	12.2	13.6	14.2	94.0	4.6
12	1.6	1.4	1.6	1.8	1.9	1.3	1.6	95.0	96.7	97.7	96.5	99.0	97.2	2.2	4.0	7.5	10.4	12.2	13.4	14.0	88.5	94.4
13	1.6	1.7	2.2	1.8	2.3	2.0	1.9	97.4	99.8	97.7	98.3	98.6	0.0	1.7	3.4	7.2	10.2	12.2	13.4	14.0	91.1	9.5
14	2.3	2.1	2.7	3.4	2.0	2.0	2.4	97.5	2.1	0.0	99.9	99.1	99.9	1.4	3.1	6.8	10.1	12.0	13.4	14.0	97.5	14.2
15	3.2	2.9	2.0	1.5	1.7	1.3	2.1	98.0	0.5	98.0	98.8	99.3	0.2	1.5	3.0	6.5	9.9	12.0	13.4	13.9	96.2	7.5
16	1.3	1.3	1.2	1.2	1.6	1.8	1.4	96.5	99.7	96.2	97.5	97.8	99.7	1.3	2.8	6.5	9.9	11.8	13.2	13.9	93.0	3.3
17	2.3	2.5	2.8	1.3	1.1	1.0	1.8	98.2	98.5	93.0	96.6	98.6	99.1	0.7	1.2	6.0	9.6	11.7	13.0	13.8	88.2	2.8
18	1.1	1.1	1.0	1.7	2.4	2.5	1.6	91.7	0.1	96.1	96.0	93.7	96.4	99.4	1.5	5.9	9.4	11.5	12.9	13.7	87.0	6.5
19	2.7	3.0	3.5	3.2	3.0	2.5	3.0	95.3	0.9	96.3	97.5	96.6	97.1	98.9	1.0	5.5	9.4	11.5	12.9	13.7	93.3	13.5
20	2.0	1.8	1.5	1.5	1.8	1.7	1.7	94.5	99.5	95.0	96.3	96.0	97.2	99.0	1.0	5.2	9.1	11.3	12.9	13.6	92.9	3.8
21	1.9	2.2	3.3	3.4	3.6	3.9	3.1	93.5	1.4	99.4	98.1	95.6	96.5	98.5	0.7	5.0	8.9	11.2	12.8	13.5	90.0	12.4
22	3.8	2.4	2.7	2.4	2.3	1.9	2.6	96.0	0.2	97.2	97.8	97.6	98.1	99.6	1.0	4.7	8.8	11.0	12.6	13.5	93.1	4.4
23	1.7	1.5	1.3	1.3	1.5	1.5	1.5	95.0	99.0	94.6	96.2	96.4	97.7	99.3	1.0	4.5	8.4	11.0	12.4	13.3	92.5	1.2
24	1.6	2.1	1.9	1.7	2.1	2.1	1.9	94.0	0.2	95.2	96.5	95.4	96.5	98.4	0.5	4.5	8.4	10.8	12.4	13.2	92.0	3.6
25	1.7	2.2	2.3	1.9	2.8	3.3	2.4	93.2	2.0	96.4	97.2	95.4	96.5	98.3	0.5	4.2	8.1	10.5	12.4	13.2	90.2	10.6
26	3.5	3.3	4.2	3.9	3.3	3.5	3.6	95.3	1.5	99.4	98.7	97.1	97.5	98.8	0.5	4.0	7.9	10.5	12.2	13.0	95.5	8.6
27	4.2	4.0	4.0	4.2	3.0	2.4	3.6	99.3	1.2	96.9	99.1	99.5	99.1	99.7	0.7	4.0	7.9	10.5	12.1	13.0	93.7	3.7
28	1.9	1.3	1.5	1.4	1.4	1.2	1.5	95.3	97.5	93.5	95.4	96.2	97.8	99.5	0.7	4.0	7.6	10.2	12.0	12.7	91.2	99.1
29	1.0	1.2	1.4	1.4	1.4	1.5	1.3	92.3	94.8	92.9	93.3	94.2	95.9	98.0	0.2	4.0	7.5	10.1	11.9	12.5	90.0	0.0
30	1.2	1.5	1.3	1.7	1.5	1.7	1.5	92.5	97.4	95.8	95.2	94.4	95.5	97.2	99.9	3.7	7.4	10.0	11.9	12.7	90.2	2.9
31	1.5	1.6	1.5	1.5	2.0	2.2	1.7	94.6	0.0	93.5	96.0	95.9	96.5	97.9	99.6	3.5	7.3	9.8	11.7	12.5	91.0	5.6
平均 Mean	2.6	2.6	2.8	2.7	2.7	2.7	2.7	97.0	1.7	97.9	98.8	98.6	99.5	1.1	2.7	6.2	9.6	11.7	13.2	13.8	93.5	6.9

記　事 REMARKS.

日 Day	記事 REMARKS.
1	♒2-7h　⊟a.p.
2	⊟a.p.
3	⊟a.p.
4	⊟a.p.
5	⊔°a.　⊟a.p.
6	●°10h50-, ☰b22h42-☰12 2h48-
7	-●°-3h10. -☰1-☰°2h20-2h32.
8	♉°a. ●°9h06-●11h47-●°12h15-22h30. ☰°11h20-☰1 1h45-☰°17h20-20h45.
9	♒2-15.17h.　⊟a.p.
10	♾²a. 11h ⊔-✱18h50-✱°19h10-✱19h50-✱²21h05-✱21h20-✱°21h40-, ♁°20h10-　⊔°a　⊟a.
11	●°4h40-●19h48-✱11h13-✱°13h52-14h38.✱°15h26-16h20.✱°17h50-✱18h20-✱²18h40- ♒12h-
12	-✱°-0h50.-♁°0h20.✱°7h55-8h22.♁°9h00-17h00.✱°9h00-✱16h54-✱°19h50-21h32. -♒-13h. ⊟p. ⊟a.p.
13	⊟a.p.
14	⊟a.p.
15	✱°18h52-19h20. ♒21h-　⊟a.p.
16	-♒-3h.　⊟a.p.
17	△°✱°8h51…△1✱19h22-✱°10h18-10h54. ♒19h.　⊟a.p.
18	⊟a.p.
19	♾¹p. ⊔¹a.　⊟a.p.
20	⊔°a.　⊟a.p.
21	♡¹p. ⊔°a.　⊟a.
22	♉°a. ⊔¹a.　⊟a.p.
23	♒8.10.12h.　⊟a.p.
24	⊟a.p.
25	⊔°a.　⊟a.p.
26	♉°♾¹a. ♡¹p. ⊔°a.　⊟a.
27	♡¹a. ●°13h37-●°✱°14h17-14h22.　⊟p.
28	♡°a. ♒5.7.9-13.15-16.18-21.24h-
29	-♒-2.4-5h.
30	♡¹⊕°a. ⊕°p.
31	♡°a. ♾°p. ⊔°p.

營　口

昭和六年十二月　　YINGKOW.　　DECEMBER, 1931.

氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +)

Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	74.9	77.4	79.8	78.0	77.1	76.4	77.3
2	75.9	73.9	74.9	72.3	73.1	72.9	73.8
3	72.4	71.4	72.0	69.9	69.7	68.6	70.7
4	67.7	68.8	68.8	67.8	68.1	68.8	68.3
5	68.7	68.6	69.2	67.9	67.9	68.2	68.4
6	67.9	67.0	66.8	64.3	64.0	64.4	65.7
7	65.7	67.6	70.5	69.4	69.1	68.6	68.5
8	67.1	66.1	66.8	65.7	66.4	67.9	66.7
9	69.0	68.9	69.9	68.8	69.7	70.0	69.4
10	70.2	69.5	69.0	66.8	66.4	66.5	68.1
11	66.2	65.2	67.7	68.7	70.7	73.7	68.7
12	76.5	77.7	78.2	75.3	74.9	74.0	76.1
13	72.3	70.4	70.5	67.3	65.2	63.5	68.2
14	62.7	61.8	64.3	64.5	65.8	66.6	64.3
15	66.8	65.8	66.8	66.8	67.7	70.1	67.3
16	72.5	74.2	75.6	73.7	72.2	69.6	73.0
17	68.3	69.6	74.2	75.0	76.8	78.1	73.7
18	78.3	78.5	78.5	75.8	75.0	74.9	76.8
19	74.9	74.9	76.4	75.4	75.3	75.8	75.5
20	77.3	77.1	79.4	78.1	78.1	77.4	77.9
21	76.9	75.1	74.9	73.3	74.6	76.6	75.2
22	76.9	77.6	78.5	77.5	78.0	78.1	77.8
23	78.1	77.5	78.5	76.6	76.1	75.7	77.1
24	75.3	74.7	75.4	73.7	73.8	73.9	74.5
25	73.4	72.9	73.1	71.4	71.0	70.7	72.1
26	69.6	68.7	69.3	68.3	68.2	68.7	68.8
27	68.9	68.3	69.5	68.1	69.1	69.9	69.0
28	71.0	71.7	74.5	73.4	75.4	76.7	73.8
29	78.0	78.3	79.7	78.2	78.4	77.5	78.4
30	76.7	76.1	76.1	74.3	73.9	73.6	75.1
31	72.5	71.5	71.5	69.2	69.2	69.0	70.5
平均 Mean	72.0	71.8	72.9	71.5	71.6	71.8	71.9

風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.

Day	2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h.
1	N	5.0	NNE	4.7	NNE	4.6	NNE	4.3	NNE	3.3	NNE	1.2	4.2
2	NE	0.6	NE	0.8	NE	1.3	NNE	3.5	NE	2.3	NE	1.1	1.8
3	NE	1.2	SE	0.8	SW	2.3	WSW	2.9	SSW	1.6	S	1.3	1.6
4	SSW	1.2	S	1.3	S	1.8	SSW	1.7	SSW	1.2	S	1.9	1.5
5	SSE	1.8	SSE	1.8	S	5.9	SSW	9.0	S	5.9	S	5.3	4.5
6	SSE	3.7	SSE	2.9	S	4.0	SSW	3.9	SSW	0.9	SSW	0.5	3.3
7	NNE	4.8	NNE	5.8	NNE	7.6	NNE	5.4	NNE	4.7	N	2.9	4.7
8	NE	2.1	N	2.3	NNE	1.9	NE	1.3	NNE	3.3	NNE	4.3	2.4
9	NNE	3.9	NNE	4.2	NNE	5.8	NNE	5.0	NE	1.3	—	0.0	3.9
10	ENE	0.7	—	0.1	E	1.8	SE	1.8	SE	2.2	SE	1.0	1.1
11	SSE	3.8	SSE	0.9	N	5.9	N	5.8	N	5.3	N	4.4	4.2
12	—	0.4	—	0.1	NNW	4.3	N	5.4	—	0.1	—	0.2	1.1
13	—	0.1	ESE	1.0	SE	1.0	SSE	2.1	SSE	2.9	SSE	4.7	1.8
14	SSW	4.3	S	1.8	W	2.7	N	2.3	NNE	2.3	NE	2.7	3.1
15	NE	1.8	NE	1.8	NE	0.9	NW	3.0	S	1.2	NNW	4.1	1.9
16	N	5.0	N	1.9	N	2.9	NNE	2.0	SE	1.8	SSE	2.2	2.6
17	S	4.7	N	3.3	NNE	5.0	NNE	6.8	NE	1.9	NE	0.8	4.1
18	ENE	0.8	ENE	1.0	SE	1.8	SSE	2.7	SSE	1.6	SSE	2.5	1.5
19	SE	1.7	SE	0.7	NE	2.6	NE	2.6	NE	1.2	ENE	1.2	1.8
20	NE	0.6	NE	1.6	NE	1.8	ENE	1.3	E	0.8	ESE	2.1	1.4
21	SE	1.6	SE	1.2	SSE	2.3	SSW	3.0	SSW	1.5	NNE	3.7	2.3
22	NNE	4.2	NNE	3.3	NNE	4.3	NNE	5.1	NNE	3.3	NNE	4.7	4.4
23	NNE	4.8	NNE	3.4	NNE	4.1	NNE	4.3	NE	1.9	NE	0.6	3.3
24	N	1.5	NE	0.6	ENE	1.2	NNE	2.3	NE	0.9	NE	0.9	1.3
25	NNE	0.6	E	1.2	E	1.1	SE	1.8	SE	1.9	SSE	3.5	1.4
26	S	4.3	S	6.5	S	5.4	S	4.7	S	3.2	SSE	2.3	4.5
27	SSE	1.3	NNE	3.8	NNE	5.9	NNE	6.4	NNE	5.8	NNE	5.7	4.7
28	NNE	4.0	NNE	4.8	NNE	5.4	NNE	6.4	NNE	3.4	NNE	3.5	4.1
29	N	3.7	NNE	1.8	NE	3.9	NNE	2.7	E	0.9	E	0.9	2.4
30	E	1.0	E	1.2	NE	1.5	NNE	2.5	NE	2.1	NNE	1.3	1.3
31	NNE	2.7	NNE	1.5	NNE	1.2	NE	2.1	NE	0.5	ESE	0.6	1.5
平均 Mean		2.5		2.2		3.3		3.7		2.3		2.3	2.7

降水量 (粍) AMOUNT OF PRECIPITATION. (mm)

Day	22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
1	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—
6	—	—	—	0.1	2.7	1.2	4.0
7	0.1	—	—	—	—	—	0.1
8	—	—	0.2	0.5	0.3	—	1.0
9	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—
11	0.6	4.3	4.4	1.8	0.7	—	11.8
12	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—
16	—	0.1	—	—	—	—	0.1
17	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—
平均 Mean	0.7	4.4	4.6	2.4	3.7	1.2	17.0

氣溫 (攝氏) AIR TEMPERATURE. (°C)

Day	2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range
1	96.0	93.2	94.2	96.8	94.3	92.5	94.5	97.9	91.6	6.3
2	92.7	92.2	97.5	98.1	94.8	91.8	94.5	98.8	90.9	7.9
3	91.2	88.4	99.1	1.7	96.9	94.3	95.3	2.4	87.7	14.7
4	96.0	93.2	3.0	6.3	99.1	95.5	98.9	6.6	91.4	15.2
5	95.3	95.4	6.3	8.7	4.5	3.7	2.3	9.2	91.3	17.9
6	0.3	1.1	8.0	6.8	4.9	4.4	4.3	8.5	98.5	10.0
7	99.7	97.7	98.9	0.3	97.5	96.1	98.4	4.6	95.5	9.1
8	95.7	95.6	96.8	97.6	96.9	96.9	96.6	97.9	94.5	3.4
9	95.3	93.3	94.9	96.4	93.3	90.9	94.0	97.4	90.4	7.0
10	90.1	87.8	96.3	0.5	98.1	98.3	95.2	1.3	86.9	14.4
11	97.2	98.4	91.9	90.4	89.3	87.7	92.5	99.8	86.6	13.2
12	85.3	82.7	85.1	87.7	85.9	81.1	84.6	88.2	80.0	8.2
13	80.9	79.9	87.2	93.6	90.7	93.1	87.6	94.2	79.0	15.2
14	97.1	95.3	98.5	95.4	91.1	91.0	94.7	99.1	90.5	8.6
15	91.0	90.0	93.0	96.7	93.2	92.1	92.7	97.8	88.4	9.4
16	91.1	88.3	91.5	91.8	87.5	87.6	89.6	93.1	85.6	7.5
17	94.4	94.3	90.4	89.8	86.9	83.8	89.9	97.9	82.5	15.4
18	81.5	80.9	89.6	91.8	89.0	87.8	86.8	92.5	78.5	14.0
19	88.4	88.2	91.5	96.7	91.6	89.1	90.9	97.2	85.5	11.7
20	88.5	83.8	92.1	95.3	90.5	87.3	89.6	96.4	83.0	13.4
21	87.6	87.1	96.1	1.4	97.3	93.1	93.7	1.7	84.5	17.2
22	90.5	88.4	91.4	94.8	93.1	92.3	91.8	95.5	86.7	8.8
23	91.0	88.6	90.5	94.8	90.2	87.5	90.4	95.2	86.9	8.3
24	87.5	84.3	92.3	94.9	90.6	87.3	89.5	95.4	82.6	12.8
25	86.4	83.9	93.9	99.1	94.8	93.6	92.0	0.5	83.0	17.5
26	97.3	98.0	1.0	2.3	0.4	98.7	99.6	2.9	92.7	10.2
27	98.7	96.9	96.2	96.6	93.7	91.5	95.5	99.3	90.6	8.7
28	90.9	89.5	90.5	93.4	90.6	88.4	90.6	93.7	87.6	6.1
29	87.3	85.4	88.9	92.8	88.6	86.9	88.3	93.2	83.6	9.6
	4	84.3	90.8	94.7	91.1	88.9	89.4	95.0	82.6	12.4
	5	86.7	89.4	93.0	90.6	88.1	89.2	94.5	85.5	9.0
		90.1	94.4	96.8	93.5	91.7	93.0	98.3	87.2	11.1

濕度 (百分率) REL. HUMIDITY. (%)

Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	62	75	73	47	52	65	62
2	65	71	42	36	42	51	51
3	60	80	45	18	61	68	57
4	77	82	44	37	72	64	63
5	63	61	51	41	67	77	60
6	80	80	59	78	95	96	81
7	98	72	69	52	67	78	73
8	80	80	89	89	88	83	85
9	84	69	46	42	61	69	62
10	78	89	46	32	50	57	53
11	95	97	93	89	85	75	89
12	55	50	39	33	59	56	49
13	63	66	50	44	59	66	58
14	50	64	51	41	53	59	53
15	60	71	60	45	54	52	57
16	65	53	29	28	39	59	46
17	58	52	48	40	45	54	50
18	60	68	43	37	51	63	54
19	69	80	70	34	58	76	65
20	77	83	65	49	62	66	67
21	73	74	73	66	84	75	74
22	76	72	69	56	63	59	66
23	60	61	58	42	57	75	59
24	80	80	63	38	56	62	63
25	72	79	51	38	48	58	58
26	70	68	76	72	79	83	75
27	85	86	78	70	64	64	75
28	65	66	65	47	65	68	63
29	55	53	51	40	57	65	54
	70	69	52	40	53	60	57
	66	73	66	49	58	68	63
	70	72	59	48	61	67	63

雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD.

Day	6h	10h	14h	18h	22h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	0 —	5 k, c	10 ck, c	0 —	0 —	3.0	6.66	0.7
2	3 c	10 ck, cs	9 ck	0 —	0 —	4.4	4.80	0.6
3	0 —	0 —	0 —	0 —	0 —	0.0	7.75	0.6
4	0 —	0 —	0 —	0 —	0 —	0.0	7.69	1.0
5	0 —	0 —	0 —	0 —	0 —	0.0	7.67	1.7
6	10 ck, sc	10 cs	10 n	10 n	10 n	10.0	2.45	6.8
7	10 n, sk	0 —	0 —	0 —	0 —	2.0	7.57	0.8
8	10 sc	10 n	10 n	10 n	10 n	10.0	0.00	0.3
9	0 —	0 —	0 —	0 —	0 —	0.0	7.85	0.6
10	0 —	0 —	0 —	10 cs	10 cs n	4.0	7.47	0.6
11	10 n	10 n	10 n	10 n	10 cs	10.0	0.00	0.2
12	0 —	0 —	10 kc	0 —	0 —	2.0	6.50	0.9
13	0 —	0 —	0 —	0 —	0 —	0.0	7.45	1.0
14	0 —	0 —	0 c	10 cs	10 sc	4.0	6.62	0.7
15	0 —	0 —	0 —	10 sk, c	0 —	2.0	6.78	0.5
16	0 —	0 —	0 —	0 —	0 —	0.0	6.28	0.6
17	10 cs	0 —	9 c	10 c	0 —	5.8	7.06	0.5
18	0 —	0 —	0 —	0 —	0 —	0.0	7.70	0.5
19	0 —	0 —	0 c	0 —	0 —	0.0	6.96	0.4
20	0 —	0 —	0 —	0 —	0 —	0.0	7.44	0.5
21	0 —	10 kc	0 —	10 cs	0 —	4.0	5.65	0.4
22	10 c	10 sc, c	10 cs	10 sc	10 cs	10.0	3.69	0.5
23	0 c	10 cs	0 —	0 —	0 —	2.0	6.66	0.5
24	0 —	0 —	0 —	0 —	0 —	0.0	7.40	0.5
25	0 —	0 —	0 —	0 —	0 —	0.0	7.25	0.6
26	0 —	0 —	10 cs, c	10 sc	10 kc	6.0	5.98	0.7
27	10 sc	10 sc	10 n	0 —	6 c, k	7.2	0.00	0.5
28	4 c	10 c	2 c	0 —	0 —	3.2	3.09	0.6
29	0 —	0 —	0 —	0 —	0 —	0.0	7.44	0.5
	0 —	0 —	10 c	0 —	0 —	2.0	7.25	0.4
	10 c	10 c	10 c	1 c	0 —	6.2	6.11	0.7
	2.8	3.4	3.9	3.3	2.5	3.2	184.12	19.4

重力ノ更正　Reduction to standard gravity……— 0.3

海面ヘノ更正　Reduction to mean sea level……+ 0.4

奉　天

昭和六年十二月　　MUKDEN.　　DECEMBER, 1931.

氣壓 (粍) AIR PRESSURE. (mm) (700 mm +)

Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	70.6	73.3	74.8	73.7	72.6	71.6	72.8
2	70.6	69.5	69.2	67.6	68.0	67.2	68.7
3	67.0	66.1	66.7	64.8	64.2	63.5	65.4
4	63.0	63.1	63.9	63.3	63.5	64.4	63.5
5	64.6	64.5	64.7	62.6	62.7	63.4	63.8
6	63.0	61.8	61.7	60.8	59.7	60.3	61.2
7	61.8	64.1	66.7	65.6	64.8	63.9	64.5
8	63.2	61.3	62.0	61.5	62.7	64.0	62.5
9	64.6	64.8	65.0	64.1	65.0	65.5	64.8
10	65.4	65.1	65.0	62.8	62.1	62.3	63.8
11	62.0	60.8	61.7	62.0	64.3	67.7	63.1
12	70.5	71.7	72.1	70.0	69.2	68.3	70.3
13	67.2	65.8	65.7	63.0	61.3	59.3	63.7
14	57.2	57.1	59.4	60.5	61.7	62.5	59.7
15	62.5	61.5	61.7	61.6	62.8	64.6	62.5
16	67.4	68.6	69.9	68.5	67.6	64.9	67.8
17	63.4	65.3	69.2	70.0	72.2	73.1	68.9
18	73.1	73.0	73.5	71.6	70.7	70.6	72.1
19	70.6	70.8	72.3	70.7	70.7	71.4	71.1
20	71.9	72.6	74.2	73.1	73.2	72.7	73.0
21	72.2	70.4	70.2	69.3	70.8	72.2	70.9
22	72.9	72.9	74.1	73.5	73.4	73.9	73.5
23	73.6	72.8	73.3	71.8	71.4	70.8	72.3
24	70.6	70.3	70.7	69.1	69.4	69.7	70.0
25	69.4	68.6	69.2	67.1	66.1	65.8	67.7
26	64.6	63.6	63.8	62.6	61.2	64.5	63.9
27	64.6	64.6	65.3	64.2	61.6	65.3	64.8
28	66.3	67.7	69.8	69.1	70.9	72.2	69.3
29	72.8	73.5	74.8	73.2	73.5	72.7	73.4
30	72.3	72.0	71.7	69.9	69.8	69.3	70.8
31	68.4	67.2	66.9	64.3	64.5	64.1	65.9
平均 Mean	67.3	67.2	68.0	66.8	67.0	67.2	67.3

風ノ方、向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND.

Day	2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h.
1	N	4.8	NNE	4.2	NNE	5.7	NNE	3.3	NNE	3.0	NNE	0.6	3.8
2	NNE	0.5	NNE	1.4	W	1.9	NNW	5.0	N	2.5	N	1.0	1.9
3	W	2.4	SW	2.0	WNW	2.7	NW	3.7	SSW	2.9	SSW	3.3	2.4
4	WSW	3.3	WSW	2.2	NW	2.0	WNW	3.1	W	2.2	WSW	3.9	2.3
5	SW	3.9	SW	5.0	ESE	4.6	SSW	11.8	S	5.3	S	5.5	5.4
6	S	3.8	S	5.7	SSW	7.9	SW	2.8	SW	2.0	SW	1.6	5.1
7	NNE	4.2	NNE	4.7	NNE	5.8	NNE	6.5	NNE	5.4	NNE	3.7	4.8
8	NNE	2.2	NNE	1.3	W	0.6	—	0.0	N	1.6	N	2.6	1.9
9	NNE	4.2	NNE	4.5	NNE	5.4	N	4.2	NNE	1.3	NNE	0.9	3.3
10	NNE	1.1	ENE	2.3	E	2.6	ESE	1.3	ESE	3.6	ESE	5.7	2.3
11	ESE	2.7	ESE	2.2	ENE	5.9	ENE	7.2	ENE	6.6	NNE	7.6	5.5
12	N	7.4	NNW	4.4	WNW	4.1	NNW	2.9	WNW	3.3	WNW	2.9	4.2
13	WNW	2.2	WNW	2.5	SSE	3.0	S	5.1	SSE	3.3	SSE	4.2	3.3
14	SE	5.5	SSE	4.8	SW	2.7	WNW	3.0	—	0.1	ENE	1.1	3.0
15	ENE	1.0	ENE	1.6	E	1.5	WNW	3.3	W	2.1	N	3.5	2.0
16	NNW	4.1	NNW	2.9	NW	4.7	NW	3.9	WSW	4.0	SW	4.0	3.5
17	SSW	2.8	NNE	2.6	NNW	5.5	NNW	7.1	N	2.0	E	2.0	3.2
18	E	2.1	E	3.2	E	2.2	S	4.3	S	3.0	SE	3.6	2.2
19	SE	3.0	SE	3.3	ESE	1.5	ESE	2.7	S	1.8	SE	2.4	2.8
20	ESE	3.9	ESE	2.6	—	0.3	ESE	1.3	ESE	2.7	ESE	3.3	2.3
21	ESE	3.0	ESE	5.1	SE	4.1	SSW	2.5	NNW	3.4	N	3.0	3.4
22	N	5.7	N	4.7	NNE	4.1	NNE	6.8	NNE	6.9	NNE	4.7	5.3
23	NNE	4.2	N	4.5	NNW	4.0	NNE	4.0	NNE	2.7	NNE	0.8	3.8
24	NNE	1.1	ENE	2.6	E	1.8	E	1.5	E	1.5	E	2.2	1.8
25	E	3.2	E	3.7	ENE	2.9	ESE	3.3	ESE	3.0	ESE	4.5	3.1
26	ESE	4.2	ESE	4.6	SE	4.1	SSW	11.9	S	2.5	S	2.3	4.7
27	SW	1.1	N	6.3	NE	6.4	ENE	7.6	NE	8.2	NNE	6.3	5.6
28	NNE	7.0	NNE	5.1	NE	5.1	NNE	7.3	NNE	2.7	NNE	3.0	5.3
29	NNW	3.5	NNW	1.3	—	0.1	WNW	1.6	WNW	1.2	S	1.6	1.6
30	SSE	2.6	SE	2.5	SE	2.0	SE	1.3	SE	1.4	ENE	2.2	2.0
31	ENE	1.4	ENE	0.7	ENE	2.6	NE	0.9	ENE	0.8	ENE	1.5	1.5
平均 Mean		3.3		3.4		3.5		4.2		3.0		3.1	3.3

降水量 (粍) AMOUNT OF PRECIPITATION. (mm)

Day	22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
1	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—
6	—	—	—	—	4.6	0.4	5.0
7	—	—	—	—	—	—	—
8	—	—	—	0.0	0.0	—	0.0
9	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—
11	2.0	3.6	1.5	1.1	0.3	0.2	8.7
12	0.0	—	—	—	—	—	0.0
13	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—
15	—	—	—	—	—	0.0	0.0
16	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—
平均 Mean	2.0	3.6	1.5	1.1	4.9	0.6	13.7

氣溫 (攝氏) AIR TEMPERATURE. (°C)

Day	2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range
1	94.0	90.6	92.2	95.4	93.0	89.5	92.5	95.4	89.3	6.1
2	91.0	90.1	95.4	97.0	93.5	88.7	92.6	98.3	88.7	9.6
3	87.4	86.0	94.4	99.6	94.3	92.7	92.4	0.1	85.5	14.6
4	92.1	89.5	98.8	3.5	97.4	92.6	95.7	4.3	88.5	15.8
5	92.4	92.2	4.5	9.5	2.1	0.5	0.2	9.5	91.7	17.8
6	98.4	99.6	7.3	6.9	3.3	3.1	3.1	8.6	97.0	11.6
7	98.3	95.5	96.4	98.6	97.0	95.3	96.9	3.1	94.8	8.3
8	94.2	92.9	95.1	96.4	96.6	95.8	95.2	96.6	92.8	3.8
9	92.9	91.1	92.8	94.5	92.7	88.9	92.2	95.8	88.7	7.1
10	86.6	86.7	92.7	98.6	94.3	95.3	92.4	99.3	86.4	12.9
11	96.6	96.5	92.4	90.1	88.7	85.9	91.7	97.0	85.8	11.2
12	83.3	80.3	82.4	84.3	81.8	80.3	82.1	85.9	79.4	6.5
13	78.9	76.2	85.8	90.7	86.3	87.6	84.3	91.1	76.1	15.0
14	90.5	90.3	93.1	92.1	87.9	87.5	90.2	94.2	86.7	7.5
15	88.7	87.7	92.5	94.6	90.9	90.9	90.9	95.1	86.4	8.7
16	88.1	84.7	87.7	89.9	84.4	83.2	86.3	90.9	81.0	9.9
17	85.6	86.7	85.4	88.1	85.5	79.5	85.1	88.3	79.5	8.8
18	76.9	76.1	84.5	90.3	84.7	83.5	82.7	90.5	75.6	14.9
19	83.6	84.0	89.4	95.4	88.1	85.3	87.6	95.9	83.2	12.7
20	84.0	82.8	88.2	92.6	85.9	83.4	86.2	92.9	81.4	11.5
21	82.6	82.1	91.9	0.0	93.7	89.9	90.0	0.6	81.2	19.4
22	87.1	85.6	90.4	93.4	91.2	88.9	89.4	93.9	84.9	9.0
23	86.2	86.5	89.2	93.4	90.0	84.6	88.3	93.7	84.6	9.1
24	81.9	81.1	87.6	94.8	88.5	84.5	86.4	95.4	80.6	14.8
25	82.4	82.3	90.6	98.0	91.7	88.2	88.8	98.1	82.1	16.0
26	87.8	87.8	99.9	2.4	98.3	97.3	95.0	2.4	86.7	15.7
27	97.9	94.7	93.5	93.9	90.5	89.5	93.3	98.2	89.4	8.8
28	88.5	85.9	87.6	91.5	89.4	86.3	88.2	91.7	84.5	7.2
29	84.9	82.5	85.2	91.2	86.8	82.7	85.6	91.9	79.8	12.1
30	82.0	80.9	88.1	93.1	90.1	86.9	86.9	94.4	80.7	13.7
31	83.5	82.4	88.2	93.3	88.9	85.5	87.0	93.6	82.0	11.6
平均 Mean	88.0	86.8	91.7	95.3	91.2	88.8	90.3	96.3	85.0	11.3

濕度 (百分率) REL. HUMIDITY. (%)

Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	81	85	81	47	57	81	72
2	85	85	57	37	50	80	63
3	86	95	6	43	62	72	70
4	74	88	58	36	57	71	64
5	80	81	39	34	59	76	62
6	91	85	66	60	100	98	83
7	87	75	81	66	79	86	79
8	91	97	91	79	89	88	89
9	87	79	63	49	62	88	71
10	93	91	72	35	80	74	74
11	97	97	93	96	91	95	95
12	78	73	60	55	64	80	68
13	88	91	72	62	77	83	79
14	88	85	72	77	96	100	86
15	99	96	81	50	82	97	84
16	97	80	67	50	70	72	73
17	76	82	76	63	72	93	77
18	98	100	84	51	85	89	85
19	88	89	81	59	80	90	81
20	92	94	84	65	95	10	88
21	100	100	70	62	79	89	83
22	92	90	68	72	80	89	80
23	88	91	81	49	74	94	80
24	98	92	83	50	88	94	84
25	96	94	78	48	76	84	79
26	85	83	54	60	77	82	74
27	80	82	87	73	82	81	81
28	81	86	83	66	77	77	78
29	82	88	90	60	86	94	83
30	100	100	80	57	74	82	82
31	89	88	76	61	88	100	84
平均 Mean	89	88	74	57	77	86	79

雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD.

Day	6h	10h	14h	18h	22h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	0 —	0 —	5 c	0 —	0 —	1.0	8.32	1.2
2	10 cs, s	10 cs, ck	0 ck	0 —	0 —	4.0	6.80	1.5
3	0 —	0 —	0 —	0 —	0 —	0.0	8.80	1.3
4	0 —	0 —	0 —	0 —	0 —	0.0	8.80	1.7
5	0 —	0 c	0 —	0 —	0 —	0.0	8.30	2.6
6	7 ck	9 ck	10 sc	10 n	10 ≡	9.2	1.82	1.5
7	0 —	0 —	0 sk	0 —	0 —	0.0	7.98	1.6
8	8 kc, sk	10 sk	10 n	10 sc, s	10 sc	9.6	0.00	0.9
9	0 —	0 —	0 —	0 —	0 —	0.0	8.38	1.7
10	0 —	0 —	0 —	0 —	10 sc, s	2.0	7.60	1.7
11	10 n	10 n	10 n	10 n	10 n	10.0	0.00	0.6
12	2 ck, sc	0 —	5 cs	6 cs	0 —	2.6	6.80	0.9
13	0 —	0 —	0 —	0 —	0 —	0.0	8.52	0.9
14	0 s	0 —	0 —	3 ck, cs	10 sc	2.6	7.50	0.6
15	3 s	3 s	1 sc	4 s	0 —	2.2	7.50	0.8
16	0 —	0 —	0 —	0 —	0 cs	0.0	8.15	0.7
17	7 c, cs	0 —	0 —	0 —	0 —	1.4	7.70	0.9
18	0 —	0 —	0 —	0 —	0 —	0.0	8.32	0.9
19	0 —	0 —	0 —	0 —	0 —	0.0	8.00	0.6
20	0 —	0 —	0 —	0 —	0 —	0.0	6.75	0.5
21	0 —	0 —	4 sk	6 s	3 s	2.6	7.21	0.8
22	7 cs	10 cs	10 cs	2 ck	8 c, cs	6.0	4.00	0.9
23	10 cs	4 c, cs	9 c	0 —	3 c	5.2	7.3	0.9
24	0 —	0 s	0 —	0 —	0 —	0.0	7.80	0.9
25	0 —	0 —	0 —	0 —	0 —	0.0	8.30	0.5
26	0 cs	10 c	10 cs, sc	10 sc	10 sc, sk	8.0	6.90	1.4
27	10 sc	10 s	10 sc, s	6 s	3 s	7.8	0.00	1.0
28	0 —	0 —	1 sk	0 —	0 —	0.2		1.2
29	0 —	0 —	0 —	0 —	0 —	0.0		
30	0 —	0 —	0 —	0 —	0 —	0.0		
31	0 —	10 cs	10 cs	0 —	0 —	4.0		
平均 Mean	2.2	2.8	3.1	2.2	2.5	2.5		

* 重力ノ更正　Reduction to standard gravity……— 0.2
海面ヘノ更正　Reduction to mean sea level……+ 4.4

長　春

昭和六年十二月　　CHANGCHUN.　　DECEMBER, 1931.

日 Day	氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean
1	53.4	56.0	57.6	56.2	55.1	53.5	55.3
2	52.7	51.0	51.3	50.2	49.8	48.4	50.6
3	48.8	47.0	47.5	45.9	45.2	43.4	46.3
4	43.3	44.4	45.7	45.6	46.4	46.8	45.4
5	46.9	46.9	46.8	44.3	44.5	45.0	45.7
6	44.9	44.7	44.3	42.6	42.3	42.5	43.6
7	44.5	46.9	50.2	50.2	50.9	49.8	48.8
8	48.2	45.5	45.7	44.2	45.2	46.4	45.9
9	47.4	47.4	47.5	46.8	47.8	48.3	47.5
10	48.1	48.0	48.1	46.6	46.7	46.8	47.4
11	46.6	45.7	45.3	44.2	45.9	47.6	45.9
12	49.0	50.3	51.5	49.9	49.0	48.1	49.6
13	46.9	46.0	46.2	44.4	44.0	42.7	45.0
14	41.4	40.3	41.5	42.5	44.0	45.4	42.5
15	45.3	44.2	44.3	43.6	45.1	45.9	44.7
16	47.0	47.4	49.5	49.3	49.0	48.1	48.4
17	47.8	47.8	49.7	50.2	53.0	53.5	50.3
18	53.3	53.3	54.4	52.8	51.9	52.2	53.0
19	52.1	52.4	53.3	52.4	52.4	53.6	52.7
20	54.3	54.7	56.0	54.9	54.6	53.5	54.7
21	52.3	51.2	52.0	52.1	54.3	55.9	53.0
22	56.7	57.4	58.4	58.0	57.8	58.4	57.8
23	57.3	56.3	56.2	54.5	53.8	53.1	55.2
24	52.2	52.1	52.2	51.2	51.1	51.7	51.8
25	51.3	50.1	50.5	48.4	47.8	47.5	49.3
26	46.3	45.2	45.6	45.5	47.0	48.3	46.3
27	49.5	49.8	50.8	49.7	50.0	50.0	50.0
28	50.3	50.4	51.9	51.9	52.9	54.2	51.9
29	54.3	54.8	55.9	54.4	55.2	54.8	54.9
30	53.8	53.4	53.7	52.4	53.7	52.8	53.3
31	52.1	50.9	50.2	47.6	46.9	46.2	49.0
平均 Mean	49.6	49.4	50.1	49.1	49.5	49.5	49.5

日 Day	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 2h		6h		10h		14h		18h		22h		二十四時間平均 Mean for 24h.
1	W	2.9	W	1.1	WSW	2.0	W	3.4	WSW	1.0	WSW	2.1	1.5
2	WSW	1.6	WSW	3.0	W	2.4	WNW	2.4	WSW	1.6	SW	2.2	2.3
3	WSW	3.1	WSW	2.9	WSW	2.6	WSW	3.4	SW	3.0	SW	5.1	3.4
4	W	3.9	W	2.9	WSW	2.6	WSW	2.7	WSW	1.8	SW	2.7	2.5
5	SW	1.8	SW	2.1	SSW	5.7	SSW	6.2	SSW	2.9	SW	4.3	3.5
6	SW	5.8	SW	3.1	SSE	3.0	SW	5.4	SW	3.5	WNW	3.7	3.9
7	NW	2.1	NW	0.9	NNW	3.1	N	2.5	N	2.5	N	2.0	2.2
8	N	2.2	ENE	2.5	ENE	1.2	NW	0.5	NW	1.6	NNW	2.4	1.6
9	NW	1.1	NW	2.0	NW	0.8	NNE	2.1	NE	1.4	NE	1.1	1.4
10	NE	1.6	NE	0.9	S	1.5	S	2.0	SE	2.3	SE	2.2	1.6
11	SE	2.1	E	2.7	NE	3.7	NNE	6.4	NNE	8.2	N	9.3	5.3
12	NNW	5.3	NW	2.9	W	2.7	WNW	4.7	WNW	4.1	WNW	4.1	3.7
13	WNW	3.9	W	3.0	WSW	2.6	WSW	3.1	SW	1.4	SSW	2.6	2.9
14	S	2.5	SSE	2.9	S	2.2	W	2.9	W	2.3	W	1.6	2.3
15	W	0.9	W	1.9	SW	3.1	W	3.0	NW	1.9	NNW	1.5	2.0
16	WNW	2.0	W	3.5	WSW	3.0	WSW	2.8	WSW	2.0	WSW	2.5	2.5
17	WSW	0.7	WSW	1.0	SW	0.9	WNW	2.1	NW	1.9	SW	1.3	1.6
18	SW	3.0	WSW	2.7	WSW	2.7	SW	2.8	SSW	1.6	WSW	3.5	2.7
19	WSW	2.8	WSW	2.0	SW	2.6	SW	1.9	WSW	2.6	W	2.9	2.6
20	SSW	0.6	SW	1.5	SW	2.2	SW	2.2	SW	1.6	SW	2.2	2.0
21	SW	2.9	SW	5.3	SW	4.4	W	2.5	WNW	1.3	WNW	0.5	2.4
22	—	0.0	—	0.4	W	0.5	NW	0.9	NW	0.8	NW	1.0	0.7
23	NW	0.6	—	0.2	NW	0.8	SW	1.5	SW	1.9	SW	1.9	1.1
24	SW	1.9	SW	1.2	SW	1.6	SW	2.9	SW	2.0	SW	1.3	1.8
25	SW	2.1	SW	2.7	SSW	2.8	SW	4.3	SSW	2.8	S	2.5	2.9
26	SSW	3.2	SSW	1.6	SW	3.6	SSW	3.5	SSW	1.4	SSW	2.9	2.8
27	SSW	2.0	NNE	1.8	NNE	3.0	NNW	4.7	N	2.9	NNE	1.2	2.3
28	NNW	0.5	NNW	1.1	NNW	2.6	NNW	2.9	WNW	1.0	WSW	0.9	1.6
29	SW	1.5	SW	1.6	S	1.9	SSW	2.9	SSW	2.9	SSW	2.3	1.9
30	SSW	1.9	S	2.0	SSW	2.7	SSW	2.7	SSW	1.6	SSW	0.8	2.1
31	SSW	0.8	SSW	0.6	S	1.6	SSE	1.1	SSE	1.8	S	1.7	1.2
平均 Mean		2.2		2.1		2.4		3.0		2.2		2.5	2.3

日 Day	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total
1	0.2	—	—	—	—	—	0.2
2	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—
6	—	—	—	0.0	0.8	1.7	2.5
7	0.0	—	—	—	—	—	0.0
8	—	—	—	—	0.2	0.0	0.2
9	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—
11	—	0.1	0.5	2.6	1.5	0.3	5.0
12	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—
14	—	0.0	0.1	0.0	—	—	0.1
15	—	—	—	0.0	1.0	0.2	1.2
16	—	—	0.1	0.0	—	—	0.1
17	—	—	—	0.0	0.7	—	0.7
18	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—
平均 Mean	0.2	0.1	0.7	2.6	4.2	2.2	10.0

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	最低 Min.	較差 Range
1	88.3	82.6	88.0	91.2	87.9	86.5	87.4	91.6	81.7	9.9
2	83.9	85.9	88.5	91.8	87.4	87.2	87.5	92.1	83.9	8.2
3	85.5	83.9	89.1	95.5	91.8	91.7	89.6	95.6	83.6	12.0
4	89.7	87.5	93.6	97.5	94.0	92.8	92.5	97.6	87.4	10.2
5	88.7	88.5	1.2	6.5	99.5	1.2	97.6	6.5	87.6	18.9
6	0.5	0.1	0.4	5.4	1.8	98.8	1.2	5.4	98.8	6.6
7	94.3	92.8	92.6	93.0	91.1	88.2	92.0	99.0	88.1	10.9
8	87.6	86.8	90.1	93.6	92.3	89.9	90.1	94.2	86.5	7.7
9	87.2	85.6	88.4	91.8	87.4	85.1	87.6	92.6	84.7	7.3
10	83.6	82.6	89.6	94.0	89.7	88.3	88.0	94.5	82.2	12.3
11	89.6	87.7	89.1	88.2	86.5	81.2	87.1	89.8	81.0	8.8
12	77.8	75.9	78.9	81.5	79.3	77.2	78.4	81.7	75.2	6.5
13	76.5	75.4	81.6	85.9	82.3	82.2	80.7	86.0	75.2	10.8
14	83.1	85.7	88.2	90.7	86.2	84.8	86.5	91.6	82.1	9.5
15	85.4	86.6	89.9	92.0	88.8	85.0	88.0	92.9	84.7	8.2
16	81.9	79.2	80.5	83.7	78.5	80.5	80.7	85.5	77.6	7.9
17	81.2	80.4	84.2	85.4	79.4	76.1	81.1	86.6	76.0	10.6
18	76.9	76.4	80.8	84.4	81.1	81.7	80.2	84.7	75.5	9.2
19	80.9	79.7	83.4	87.8	84.8	84.8	83.6	88.5	78.9	9.6
20	81.3	81.3	86.9	91.1	86.5	85.6	85.5	92.2	80.5	11.7
21	83.9	88.2	91.2	91.8	86.6	83.5	87.5	92.2	82.1	10.1
22	82.2	80.7	85.8	90.9	85.4	82.5	84.6	91.1	76.4	14.7
23	80.6	76.7	85.6	90.9	86.6	83.6	83.9	91.5	74.9	16.6
24	81.6	80.0	87.0	92.3	87.9	83.7	85.4	92.8	78.7	14.1
25	81.8	81.2	88.5	95.5	90.1	86.7	87.3	95.7	80.5	15.2
26	87.1	87.4	97.2	98.2	95.5	91.8	92.9	99.6	85.1	14.5
27	88.9	86.0	86.1	89.8	86.2	84.2	86.9	92.1	83.0	9.1
28	82.7	81.1	86.4	89.1	85.0	82.4	84.5	89.6	80.0	9.6
29	80.7	79.[illegible]	85.0	90.2	85.8	83.2	84.0	90.6	77.6	13.0
30	81.8	79.9	86.7	90.8	86.6	83.0	84.8	91.6	77.6	14.0
31	80.7	79.9	87.5	92.6	86.8	83.6	85.2	93.1	78.9	14.2
平均 Mean	84.4	83.4	88.1	91.7	87.7	85.7	86.8	92.5	81.5	11.0

日 Day	濕度 (百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean
1	95	94	96	66	75	77	84
2	86	86	68	45	70	74	72
3	77	84	62	37	55	58	62
4	65	75	53	36	54	60	57
5	72	76	49	28	48	58	55
6	76	71	70	65	92	95	78
7	90	78	75	60	69	88	77
8	82	86	74	73	90	89	82
9	92	90	84	64	77	84	82
10	90	94	74	51	81	76	78
11	77	87	85	80	95	75	83
12	66	72	60	52	64	75	65
13	83	90	70	55	77	71	74
14	71	76	81	62	86	90	78
15	87	86	67	65	88	95	81
16	94	85	80	68	84	73	81
17	78	93	80	81	85	81	83
18	72	73	68	60	75	70	70
19	70	79	73	60	80	75	73
20	85	87	74	66	82	68	77
21	76	60	63	61	77	91	72
22	92	93	91	66	95	94	89
23	95	92	81	63	69	73	79
24	79	93	65	59	75	89	77
25	93	93	64	51	71	82	76
26	75	87	67	70	80	80	77
27	79	86	86	67	82	94	82
28	93	93	86	73	85	82	85
29	84	85	67	57	76	78	75
30	79	79	65	58	82	83	74
31	86	95	71	56	69	78	76
平均 Mean	82	84	73	60	77	79	76

日 Day	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 6h	10h	14h	18h	22h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	0 —	0 —	0 —	0 —	0 —	0.0	7.95	1.1
2	0 —	0 —	0 —	0 —	0 —	0.0	8.50	1.3
3	0 —	0 c	10 c	0 —	0 —	2.0	7.70	0.8
4	0 —	0 —	0 —	1 c	0 —	0.2	8.40	1.0
5	0 —	0 —	0 —	0 —	0 —	0.0	8.10	2.0
6	10 sk	10 sk	10 n	10 n	10 n	10.0	0.00	1.0
7	10 s	1 s	0 —	0 —	0 —	2.2	7.75	0.7
8	0 —	10 sc	10 sc	10 n	0 —	6.0	0.80	0.5
9	0 —	0 —	0 —	0 —	0 —	0.0	7.90	0.8
10	0 —	0 —	0 —	0 —	0 —	0.0	7.75	0.6
11	10 n	10 n	10 n	10 n	10 n	10.0	0.00	0.5
12	0 —	0 —	0 c. s	0 —	0 —	0.0	7.70	0.7
13	0 —	1 c	0 —	0 sk	0 —	0.2	8.10	0.5
14	10 n	10 n	6 —	0 —	0 —	4.0	6.75	0.5
15	10 cs	2 c	10 r	10 n	0 —	6.4	4.70	0.4
16	0 sk	10 n	2 c	0 —	0 —	2.4	6.45	0.5
17	0 —	0 c	10 c	0 —	0 —	2.0	5.00	0.4
18	0 —	0 —	7 c	0 —	0 —	1.4	5.60	0.5
19	0 —	0 —	0 —	4 kc	6 kc	2.0	8.20	0.7
20	0 —	0 —	0 —	0 —	0 —	0.0	7.90	0.7
21	0 —	0 —	1 c	0 —	0 —	0.2	7.85	0.4
22	0 —	0 —	0 —	0 —	0 —	0.0	7.70	0.8
23	0 —	0 —	0 —	5 c	0 —	1.0	7.75	0.5
24	0 —	0 —	0 —	0 —	0 —	0.0	8.10	0.7
25	0 —	0 c	0 c	0 —	0 —	0.0	8.00	0.7
26	0 c	10 c	10 c	10 sc	10 kc	8.0	6.90	0.7
27	10 c	10 kc	10 c	0 —	0 —	6.0	4.90	0.3
28	0 —	10 c	7 c	0 —	2 c	3.8	7.80	0.5
29	0 —	7 c	0 —	0 —	0 —	1.2	8.20	0.5
30	0 —	0 —	0 —	0 —	0 —	0.0	8.00	0.5
31	0 —	0 —	0 —	0 —	0 —	0.0	7.90	0.5
平均 Mean	1.9	2.9	3.1	1.9	1.2	2.2	208.35	21.3

* 重力ノ更正　Reduction to standard gravity ····· — 0.1
海面ヘノ更正　Reduction to mean sea level ····· + 21.5

旅　順

昭和六年十二月　　RYOJUN.　　DECEMBER, 1931.

日 Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	68.0	69.8	68.8	68.9	NE	11.1	ENE	6.9	ENE	4.4	7.5	—	—	—	—
2	66.4	65.3	65.1	65.6	ENE	3.5	NE	2.9	SE	0.9	2.6	—	—	—	—
3	64.7	63.8	63.6	64.0	N	6.4	NNW	6.8	NW	5.2	5.3	—	—	—	—
4	61.8	61.6	62.5	62.0	NW	5.3	WNW	9.4	NW	5.3	5.3	—	—	—	—
5	62.8	63.2	63.5	63.2	WNW	4.8	W	6.4	SW	3.6	5.0	—	—	—	—
6	61.3	58.1	56.5	58.6	SSW	1.5	SSW	3.2	SSW	2.0	3.5	—	0.9	3.0	3.9
7	57.5	60.2	60.2	59.3	ENE	2.3	ENE	6.4	NE	6.4	6.2	2.1	—	—	2.1
8	58.3	57.1	58.2	57.9	SSE	2.5	NE	5.8	NE	4.7	4.4	0.0	3.0	2.2	5.2
9	59.6	60.8	63.2	61.2	ENE	7.0	NE	5.1	ENE	0.9	5.2	—	—	—	—
10	63.5	60.2	59.3	61.0	E	1.8	S	4.7	SSW	6.4	3.7	—	—	—	—
11	57.9	57.7	64.2	59.9	SSW	1.8	NE	8.4	N	13.4	6.6	0.2	3.8	0.7	4.7
12	68.4	68.5	67.3	68.1	NNE	5.8	N	10.5	NNW	5.5	7.9	1.4	1.4	0.3	3.1
13	64.4	61.7	58.8	61.6	NNW	7.8	NW	5.8	W	7.0	8.0	—	—	—	—
14	56.4	57.3	58.2	57.3	WNW	9.3	WNW	7.6	—	0.0	5.7	—	—	—	—
15	58.4	59.4	63.2	60.3	—	0.2	NW	13.1	NNW	10.0	7.6	—	—	—	—
16	65.4	66.9	64.4	65.6	N	7.6	NNW	5.7	NW	7.4	7.0	—	—	—	—
17	61.8	64.3	69.6	65.2	WNW	7.6	ENE	10.5	ENE	5.6	6.6	—	0.5	—	0.5
18	70.2	69.6	69.3	69.7	ESE	0.5	WNW	1.9	NW	6.1	2.6	—	—	0.0	0.0
19	68.1	68.0	68.3	68.1	NW	4.7	NW	6.7	NE	3.2	5.2	—	—	—	—
20	68.9	70.5	69.3	69.6	ENE	1.6	E	2.5	N	1.2	3.0	—	—	—	—
21	68.9	67.3	68.9	68.4	NE	2.0	W	8.6	N	4.0	3.2	—	—	—	—
22	68.2	68.5	68.8	68.5	ENE	4.7	ENE	4.8	ENE	7.0	5.3	—	—	—	—
23	68.4	68.4	67.8	68.2	E	3.7	NNE	5.8	N	2.3	4.2	—	—	—	—
24	67.0	66.0	66.2	66.4	N	1.2	N	6.7	N	4.7	3.9	—	—	—	—
25	65.5	64.8	65.1	65.1	NE	2.9	NW	5.7	NW	2.3	3.1	—	—	—	—
26	63.1	62.2	61.9	62.4	W	1.1	SW	3.3	—	0.0	1.1	—	—	—	—
27	59.9	58.7	61.8	60.1	ENE	3.3	NE	5.0	NE	6.4	3.9	—	—	—	—
28	62.7	64.3	68.1	65.0	ENE	11.7	NE	9.3	E	3.7	6.8	—	—	—	—
29	69.2	69.3	69.7	69.4	E	4.1	NE	7.0	NNE	3.5	4.6	—	—	—	—
30	68.4	66.8	65.6	66.9	ENE	0.8	N	3.7	N	0.8	2.6	—	—	—	—
31	64.9	62.3	61.3	62.8	ENE	4.1	N	3.8	—	0.0	2.9	—	—	—	—
平均 Mean	64.2	64.0	64.5	64.2		4.3		6.3		4.3	4.9	3.7	9.6	6.2	19.5

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	98.2	99.7	96.5	98.1	3.2	95.6	7.6	57	47	61	55	0 sk	0 sk	0 —	0.0	8.43	1.6
2	97.0	1.0	97.8	98.5	1.3	95.0	6.3	84	63	62	70	7 cs	10 sk	0 —	5.7	0.00	1.3
3	99.6	4.6	2.6	2.3	5.2	96.3	8.9	43	39	49	44	0 —	0 —	0 —	0.0	8.50	3.0
4	4.4	8.7	5.3	6.1	9.9	1.7	8.2	55	45	61	54	0 sk	0 —	0 —	0.0	8.30	3.0
5	5.0	10.2	5.5	6.9	10.6	3.1	7.5	72	53	79	68	0 —	0 —	0 —	0.0	7.88	1.7
6	5.4	8.2	8.6	7.4	10.5	3.7	6.8	68	97	98	88	10 cs	10 n	10 n	10.0	0.00	0.9
7	6.0	4.1	2.0	4.0	9.9	1.1	8.8	93	86	88	89	10 s	10 sk	10 sk	10.0	1.30	1.0
8	4.8	3.4	3.1	3.8	7.7	0.9	6.8	89	96	94	93	10 n	10 n	10 s	10.0	0.00	0.8
9	99.4	0.6	95.8	98.6	4.0	95.1	8.9	65	47	67	60	0 —	0 sk	0 —	0.0	8.20	1.0
10	95.2	3.4	3.4	0.7	4.6	94.3	10.3	54	54	60	56	0 —	9 sk, c	10 s	6.3	5.70	1.1
11	3.9	97.4	91.4	97.6	4.7	90.7	14.0	78	100	89	89	10 n	10 n	10 n	10.0	0.00	0.6
12	89.0	90.4	91.5	90.3	93.0	88.0	5.0	100	71	83	85	10 n	10 n	6 s	8.7	0.00	2.6
13	94.4	0.0	99.3	97.9	0.4	90.0	10.4	57	35	50	47	0 s	0 sk	0 —	0.0	7.75	2.3
14	99.7	2.6	0.3	0.9	3.7	98.1	5.6	51	56	47	51	2 sk	10 sk	0 —	4.0	4.50	2.5
15	99.8	1.8	98.8	0.1	2.7	98.0	4.7	62	63	49	58	0 —	0 —	0 —	0.0	7.20	3.2
16	94.4	96.3	98.3	96.3	99.5	93.1	6.4	36	36	48	40	0 sk	3 sk	9 sk	4.0	4.85	2.6
17	0.8	95.8	90.0	95.5	2.7	89.0	13.7	55	57	57	56	3 s	4 sk	0 c	2.3	4.65	1.4
18	88.2	98.0	99.5	95.2	99.9	87.0	12.9	42	56	56	51	0 —	0 —	0 —	0.0	7.40	1.3
19	99.6	1.1	98.3	99.7	2.0	97.3	4.7	65	62	57	61	4 sk	10 sk	0 —	4.7	1.63	1.4
20	97.0	0.2	95.5	97.6	0.7	95.0	3.7	61	64	47	57	0 —	0 —	0 —	0.0	8.20	1.8
21	97.0	4.0	0.6	0.5	4.4	93.2	11.2	43	54	77	58	0 —	10 sk	0 sk	3.3	5.50	1.3
22	96.8	98.3	95.7	96.9	1.0	95.0	6.0	62	61	62	62	0 sk	10 kc	10 sc	6.7	0.50	1.2
23	95.0	98.0	95.0	96.0	3.7	93.9	9.8	61	50	58	56	0 —	0 —	0 —	0.0	8.00	2.0
24	95.4	99.6	98.6	97.7	0.7	94.0	6.7	66	45	52	54	0 —	0 —	0 —	0.0	8.40	1.9
25	97.0	5.2	0.4	0.9	5.9	95.7	10.2	64	45	75	61	0 —	0 —	0 —	0.0	8.27	1.6
26	0.3	3.9	1.8	2.0	4.7	98.0	6.7	70	57	71	66	2 cs	10 sc	10 sc	7.3	3.40	1.2
27	1.6	1.8	96.5	0.0	2.7	95.3	7.4	75	77	61	71	10 cs	10 sk	10 sk	10.0	1.10	1.2
28	94.0	95.8	93.5	94.4	97.3	92.6	4.7	59	55	55	56	10 sk	3 sk	0 —	4.3	6.10	1.5
29	92.6	95.3	93.0	93.6	96.8	91.4	5.4	59	54	63	58	0 —	10 kc	0 —	3.3	7.60	1.4
30	94.0	98.6	95.7	96.1	99.3	92.0	7.3	68	43	40	50	10 cs, c	2 cs	10 c, cs	7.3	6.60	1.7
31	95.0	98.4	95.0	96.1	99.6	92.5	7.1	56	46	58	53	10 cs	10 cs, c	2 sk	7.3	6.50	1.0
平均 Mean	98.1	0.9	98.3	99.1	3.0	95.1	7.9	63	59	64	62	3.5	5.2	3.5	4.0	156.46	51.1

* 重力ノ更正　Reduction to standard gravity……— 0.4

海面ヘノ更正　Reduction to mean sea level……+ 7.7

鞍　山

昭和六年十二月　　ANSHAN.　　DECEMBER, 1931.

日 Day	氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	74.0	75.4	73.1	74.2	NE	4.3	NE	2.9	—	0.0	3.4	—	—	—	—
2	70.6	69.9	69.2	69.9	—	0.0	NNE	2.6	NE	2.7	1.4	—	—	—	—
3	68.3	66.7	65.3	66.8	SW	2.6	NW	3.5	SW	3.2	2.5	—	—	—	—
4	64.5	65.7	65.8	65.3	SSW	2.1	NE	1.4	S	2.0	1.9	—	—	—	—
5	65.5	64.8	64.2	64.8	S	1.8	SSW	7.0	SSW	5.3	4.1	—	—	—	—
6	63.6	61.5	61.6	62.2	SSW	1.4	SSW	5.8	—	0.0	3.0	—	—	3.0	3.0
7	63.8	66.8	64.9	65.2	NE	5.0	NE	6.1	—	0.0	3.6	1.2	1.2	—	2.4
8	63.0	63.2	64.5	63.6	N	4.0	—	0.3	NE	3.6	2.4	—	1.4	1.2	2.6
9	66.0	66.4	66.2	66.2	NE	3.0	NE	3.8	SE	1.8	2.9	—	0.9	—	0.9
10	67.0	64.5	64.5	65.5	—	0.0	WSW	1.4	SE	2.4	1.0	—	—	—	—
11	61.5	65.0	66.8	64.4	SSE	2.8	NNE	2.9	NNE	**10.5**	4.8	**5.2**	4.7	2.0	**11.9**
12	75.3	72.6	71.1	73.0	NNE	3.8	NNE	5.0	SSW	2.3	3.2	0.8	—	—	0.8
13	67.2	64.9	60.5	64.2	SW	1.7	SSW	2.9	S	2.3	2.9	—	—	—	—
14	**58.5**	61.6	63.4	61.2	SW	5.3	NNE	3.6	ESE	1.8	2.9	—	—	—	—
15	62.5	63.2	66.0	63.9	ESE	1.4	WSW	1.1	W	1.8	1.7	—	—	—	—
16	70.3	70.7	66.3	69.1	N	2.4	W	2.9	SSE	2.9	2.4	—	—	—	—
17	65.1	71.8	74.8	70.6	WSW	3.6	NE	4.7	—	0.0	3.9	—	—	—	—
18	75.1	73.2	72.2	73.5	—	0.0	SSW	2.6	SSW	2.0	1.9	—	—	—	—
19	72.0	73.2	72.9	72.9	NNE	2.1	E	2.0	SW	1.2	1.3	—	—	—	—
20	73.9	74.1	75.4	74.5	ESE	1.1	WNW	1.3	S	1.7	0.9	—	—	—	—
21	72.4	70.3	72.7	71.8	SSE	2.3	SSW	3.8	—	0.0	1.2	—	—	—	—
22	74.4	**75.6**	74.6	74.9	—	0.0	NNE	0.6	NE	2.8	1.8	—	—	—	—
23	74.3	73.8	72.8	73.6	NE	3.0	NE	3.8	ESE	1.8	2.3	—	—	—	—
24	71.6	70.8	70.3	70.9	SW	1.2	NNE	1.8	—	0.0	0.8	—	—	—	—
25	70.7	69.1	67.7	69.2	—	0.0	S	1.8	SSW	1.8	1.0	—	—	—	—
26	65.0	65.2	65.5	65.3	SW	4.3	SW	6.4	—	0.3	4.1	—	—	—	—
27	66.2	66.4	67.0	66.5	NE	2.0	NE	5.8	NE	7.0	5.5	—	—	—	—
28	69.0	70.9	73.5	71.1	NE	2.9	NE	6.4	NE	2.4	4.3	—	—	—	—
29	74.9	75.5	74.2	74.9	NE	1.1	NE	2.3	ESE	1.1	1.1	—	—	—	—
30	73.2	71.9	70.5	71.9	—	0.3	NE	4.1	ESE	2.3	1.3	—	—	—	—
31	68.5	66.4	65.8	66.9	ENE	0.5	NW	2.4	—	0.0	0.9	—	—	—	—
平均 Mean	68.6	68.7	68.5	68.6		2.1		3.3		2.2	2.5	7.2	8.2	6.2	21.6

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	發蒸量 (粍) AMOUNT OF EVAPORATION.
1	93.2	96.0	91.0	93.4	83.8	90.8	6.0	82	68	66	72	3 cs	8 sc	10 sk	7.3	5.60	1.8
2	92.4	97.6	90.6	93.3	**97.9**	90.6	7.3	87	48	52	62	5 cs	8 sc	0 —	4.3	4.10	2.4
3	89.6	99.6	96.0	95.1	1.4	88.2	13.2	66	41	51	53	0 —	0 —	0 —	0.0	8.40	2.1
4	95.0	3.6	96.3	98.3	5.3	93.8	11.5	61	34	59	51	0 —	0 —	0 —	0.0	8.50	2.2
5	95.8	10.5	5.4	3.9	**11.0**	94.5	16.5	54	38	53	48	0 —	0 —	0 —	0.0	8.40	3.2
6	1.6	8.6	4.9	5.0	9.7	99.8	9.9	63	54	98	72	0 —	10 sk	10 sk	6.7	3.60	1.2
7	98.0	99.2	95.8	97.7	5.2	95.5	9.7	80	71	86	79	10 sk	5 s	0 —	5.0	6.70	1.3
8	94.7	96.8	96.8	96.1	97.2	93.9	**3.3**	88	95	86	90	10 sk	10 n	10 sk	10.0	0.00	0.7
9	92.1	94.8	88.7	91.9	97.0	88.6	8.4	97	56	85	79	0 —	0 —	0 —	0.0	8.00	1.4
10	85.7	97.6	98.6	94.0	99.7	85.2	14.5	86	47	48	60	0 —	0 —	0 —	0.0	8.20	1.1
11	99.0	89.4	86.2	91.5	0.0	86.0	14.0	93	92	91	92	10 n	10 n	10 n	10.0	0.00	0.5
12	81.8	84.6	81.1	82.5	86.4	80.2	6.2	53	70	70	64	0 —	5 cs	0 —	1.7	4.60	0.9
13	79.9	92.4	91.4	87.9	93.4	79.9	13.5	67	40	74	60	0 —	0 —	0 —	0.0	7.00	1.1
14	95.4	93.6	88.8	92.6	99.0	88.3	10.7	61	53	69	61	0 —	0 —	5 cs	1.7	6.50	1.2
15	89.2	94.6	90.4	91.4	95.5	86.5	9.0	81	50	68	66	10 sk	0 —	0 —	3.3	7.70	1.4
16	86.6	90.0	88.2	88.3	91.3	83.2	8.1	65	43	46	51	0 —	0 —	0 —	0.0	7.80	1.8
17	94.4	88.2	81.7	88.1	94.8	81.7	13.1	68	60	53	60	10 sk	0 —	0 —	3.3	5.90	1.4
18	77.8	90.6	88.2	85.5	91.4	**77.6**	13.8	67	51	68	62	0 —	0 —	0 —	0.0	8.00	1.1
19	86.0	95.4	88.0	89.8	95.8	84.6	11.2	91	41	63	65	0 —	0 —	0 —	0.0	8.00	1.6
20	84.8	92.6	86.7	88.0	94.0	82.4	11.6	80	62	82	75	0 —	0 —	0 —	0.0	8.00	1.1
21	85.4	1.1	93.2	93.2	1.6	82.7	**18.9**	76	59	72	69	0 —	5 ck	9 ck	4.7	5.80	1.2
22	86.6	92.0	90.4	89.7	93.7	85.0	8.7	91	74	85	83	0 —	10 cs	7 cs	5.7	1.50	0.9
23	87.2	91.8	85.6	88.2	92.8	85.1	7.7	83	61	72	72	6 cs	7 cs	6 cs	6.3	7.80	1.2
24	83.3	92.4	85.7	87.1	93.2	82.0	11.2	83	62	81	75	0 —	0 —	0 —	0.0	7.00	1.0
25	84.2	99.6	92.8	92.2	0.6	83.6	17.0	84	43	56	61	0 —	0 —	0 —	0.0	4.50	1.6
26	97.4	3.2	98.7	99.8	3.5	91.9	11.6	60	44	83	62	0 —	8 cs	5 cs	4.3	6.80	1.9
27	98.0	95.0	91.2	94.7	99.1	90.9	8.2	80	77	72	76	10 sk	10 sk	10 sk	10.0	0.00	1.8
28	87.6	91.6	87.0	88.7	92.4	86.2	6.2	75	60	66	67	0 —	10 cs	0 —	3.3	8.20	2.0
29	84.4	88.6	85.1	86.1	90.1	82.2	7.9	70	62	72	68	0 —	0 —	0 —	0.0	8.10	1.3
30	83.2	91.9	87.6	87.6	92.9	82.5	10.4	78	54	67	66	0 —	0 —	0 —	0.0	7.40	1.4
31	83.6	90.8	86.6	87.0	92.1	82.5	9.6	79	63	73	72	0 —	0 —	0 —	0.0	6.40	1.2
平均 Mean	89.5	95.3	90.9	91.9	97.3	86.6	10.6	76	57	70	68	2.4	3.4	2.6	2.8	188.50	45.0

* 重力ノ更正　Reduction to standard gravity……— 0.3
海面ヘノ更正　Reduction to mean sea level……+ 3.4

鄭家屯

昭和六年十二月 CHENGCHIATUN. DECEMBER, 1931.

日 Day	氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	67.3	68.2	65.6	67.0	N	3.5	WNW	1.9	—	0.4	2.7	—	—	—	—
2	62.8	62.4	60.8	62.0	WNW	2.7	N	1.3	W	1.4	1.9	—	—	—	—
3	58.5	58.1	55.6	57.4	NW	1.3	W	3.6	W	4.4	2.2	—	—	—	—
4	55.7	55.8	57.5	56.3	NW	2.6	W	1.5	SW	1.1	1.9	—	—	—	—
5	57.1	55.0	55.4	55.8	S	1.8	SW	7.2	SSW	3.4	3.5	—	—	—	—
6	54.5	53.0	55.0	54.2	SW	5.3	WSW	6.1	N	3.9	5.6	—	0.0	0.1	0.1
7	58.4	61.5	60.2	60.0	NNW	2.2	NE	3.2	ENE	3.0	2.8	—	—	—	—
8	56.0	55.5	58.0	56.5	ENE	3.0	NNE	0.6	N	2.2	2.2	—	0.2	—	0.2
9	59.9	58.4	59.6	59.3	NNW	2.3	N	2.4	—	0.0	1.8	—	—	—	—
10	59.0	56.8	57.2	57.7	—	0.0	SSW	4.8	—	0.2	1.9	—	—	—	—
11	56.6	56.5	62.3	58.5	NE	2.6	NNE	7.7	NNE	9.6	5.8	0.3	0.4	0.0	0.7
12	64.2	62.9	60.7	62.6	NNW	0.8	NNW	3.4	WNW	3.2	2.5	—	—	—	—
13	58.9	56.2	52.1	55.7	WNW	1.8	SSW	3.4	S	2.8	2.6	—	—	—	—
14	49.8	53.5	56.4	53.2	—	0.0	NNW	2.5	W	0.5	2.0	—	—	—	—
15	55.5	55.0	58.0	56.2	—	0.2	WSW	1.6	NNE	5.1	1.5	—	—	0.1	0.1
16	60.6	61.2	58.4	60.1	NNW	2.6	WNW	3.6	S	3.0	3.3	—	—	—	—
17	59.3	63.2	65.8	62.8	ENE	1.1	N	5.1	W	1.7	3.1	—	—	—	—
18	65.8	65.0	63.7	64.8	—	0.4	SSW	3.5	SW	2.6	2.2	—	—	—	—
19	64.5	64.0	64.5	64.3	—	0.2	W	2.9	SSE	0.6	1.4	—	—	—	—
20	66.0	66.4	65.4	65.9	—	0.2	WSW	3.0	SW	2.8	1.5	—	—	—	—
21	62.6	63.5	67.6	64.6	SW	3.9	NNE	3.0	NNE	0.8	2.6	—	—	—	—
22	68.2	69.4	70.1	69.2	NNE	1.5	NNE	3.0	NNE	1.6	1.8	—	—	—	—
23	68.0	66.5	64.6	66.4	N	0.9	NW	0.8	NW	1.1	0.7	—	—	—	—
24	63.8	62.4	63.1	63.1	—	0.0	W	2.4	S	1.8	1.1	—	—	—	—
25	61.7	60.5	59.0	60.4	SSW	2.7	SSW	4.2	SSW	2.7	2.7	—	—	—	—
26	56.6	56.8	59.8	57.7	SSW	3.4	SSW	2.0	NNE	3.4	2.6	—	—	—	—
27	61.8	61.4	62.8	62.0	NE	3.6	NE	5.8	NNE	2.1	3.9	—	—	—	—
28	63.0	63.9	66.3	64.4	N	0.6	NNE	1.1	—	0.0	1.7	—	—	—	—
29	66.9	66.3	67.0	66.7	NNW	1.5	WNW	3.4	—	0.2	1.6	—	—	—	—
30	65.0	63.7	63.9	64.2	SSW	1.4	WNW	1.8	—	0.2	0.8	—	—	—	—
31	62.1	58.7	58.4	59.7	—	0.0	—	0.2	—	0.0	0.2	—	—	—	—
平均 Mean	61.0	60.7	61.1	60.9		1.7		3.1		2.1	2.3	0.3	0.6	0.2	1.1

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	84.8	93.0	85.6	87.8	96.3	84.1	12.2	95	58	90	81	0 —	0 c	0 —	0.0	8.24	1.3
2	86.9	92.9	87.7	89.2	94.4	85.2	9.2	76	43	60	60	0 c	0 —	0 —	0.0	8.33	1.6
3	86.9	97.0	93.2	92.4	98.8	85.3	13.5	82	30	48	53	0 —	0 —	0 —	0.0	8.36	1.7
4	90.6	99.8	91.0	93.8	1.1	88.8	12.3	69	40	93	67	0 —	0 —	0 —	0.0	7.98	1.4
5	88.3	6.1	0.3	98.2	6.8	87.5	19.3	88	41	81	70	0 —	0 —	0 —	0.0	8.25	2.4
6	2.8	4.1	95.4	0.8	4.6	95.2	9.4	89	82	86	86	10 n	10 n	0 —	6.7	0.00	0.6
7	91.3	97.0	90.7	93.0	98.0	89.8	8.2	93	50	82	75	10 n	0 —	0 —	3.3	7.70	1.4
8	88.7	93.1	89.4	90.4	94.7	88.6	6.1	84	81	92	86	0 —	10 n	0 —	3.3	0.00	0.8
9	86.1	92.9	84.4	87.8	93.8	84.3	9.5	86	43	80	70	0 —	0 —	0 —	0.0	8.16	1.4
10	82.0	95.2	92.1	89.8	96.4	81.3	15.1	94	39	90	74	0 —	0 —	10 n	3.3	7.59	1.8
11	91.1	89.4	83.6	88.0	93.0	83.5	9.5	86	92	73	84	10 n	10 n	10 n	10.0	0.00	1.2
12	76.7	83.3	80.7	80.2	86.2	70.8	15.4	92	56	80	76	0 —	0 —	0 —	0.0	8.02	1.4
13	77.4	88.1	83.2	82.9	89.3	75.8	13.5	83	53	89	75	0 —	0 —	0 —	0.0	8.05	0.8
14	81.8	90.3	84.5	85.5	91.9	80.6	11.3	94	61	84	80	0 —	0 —	0 —	0.0	7.43	1.2
15	87.2	93.7	88.0	89.6	94.4	84.4	10.0	87	50	79	72	10 n	10 n	0 —	6.7	4.18	1.0
16	81.8	86.0	84.7	84.2	89.4	80.9	8.5	76	55	81	71	0 —	0 —	5 c, cs	1.7	8.07	0.9
17	81.0	85.2	79.7	82.0	86.1	79.7	6.4	93	52	78	74	0 —	0 —	0 —	0.0	7.11	1.1
18	76.4	88.5	82.0	82.3	89.6	76.0	13.6	91	46	88	75	0 —	0 —	0 —	0.0	7.74	1.0
19	79.9	91.7	84.8	85.5	93.3	77.8	15.5	93	40	90	74	0 —	0 —	8 kc	2.7	7.98	1.0
20	80.9	94.0	86.7	87.2	95.4	80.2	15.2	93	39	91	74	0 —	0 —	0 —	0.0	8.03	1.2
21	84.9	95.0	85.4	88.4	96.3	84.0	12.3	95	46	90	77	0 —	0 —	0 —	0.0	7.81	1.0
22	82.2	93.3	84.6	86.7	94.6	82.1	12.5	94	45	89	76	0 —	0 —	0 —	0.0	7.70	1.1
23	80.3	92.1	83.7	85.4	94.5	79.4	15.1	80	43	89	71	0 —	0 —	0 —	0.0	7.94	1.1
24	79.5	95.7	84.0	86.4	97.1	78.8	18.3	93	35	94	74	0 —	0 —	0 —	0.0	8.20	1.2
25	81.6	97.0	88.3	89.0	97.8	81.3	16.5	87	46	91	75	0 —	0 —	0 —	0.0	7.98	1.2
26	90.4	98.4	93.5	94.1	98.6	85.4	13.2	96	48	73	72	10 n	3 c	10 n	7.7	5.31	1.2
27	89.7	92.7	85.1	89.2	95.1	85.0	10.1	96	48	86	77	10 n	0 —	0 —	3.3	7.26	1.1
28	82.6	90.3	82.3	85.1	90.8	82.2	8.6	88	43	88	73	0 —	0 —	0 —	0.0	7.[illegible]	[illegible]
29	80.3	91.5	82.1	84.6	92.8	79.9	12.9	93	43	88	75	0 —	0 —	0 —	0.0	8.[illegible]	[illegible]
30	78.6	93.4	83.8	85.3	95.2	78.2	17.0	93	39	94	75	0 —	0 —	0 —	0.0	8.[illegible]	[illegible]
31	80.3	94.9	85.0	86.7	96.9	79.2	17.7	93	34	81	69	0 —	0 —	0 —	0.0	7.[illegible]	[illegible]
平均 Mean	84.3	93.4	86.6	88.1	94.9	82.4	12.5	89	49	84	74	1.9	1.4	1.4	1.6	215.[illegible]	

* 重力ノ更正 Reduction to standard gravity ……— 0.1
海面ヘノ更正 Reduction to mean sea level……+ 11.7

洮南

昭和六年十二月 TAONAN. DECEMBER, 1931.

日 Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND 5h		13h		21h		二十四時間平均 Mean for 24h	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	64.1	63.5	50.7	59.4	W	3.5	SW	2.8	SW	3.7	3.1	—	—	—	—
2	60.0	58.6	56.0	58.2	NW	2.6	W	4.5	WSW	2.7	2.8	—	—	—	—
3	54.7	52.8	50.1	52.5	WNW	2.5	W	4.4	W	4.4	3.2	—	—	—	—
4	52.4	52.8	57.1	54.1	WSW	2.2	WSW	2.5	SW	2.9	2.4	—	—	—	—
5	52.4	49.7	50.6	50.9	SW	1.8	SSW	4.7	SW	3.5	3.2	—	—	—	—
6	52.0	52.7	53.0	52.6	NNE	4.8	N	5.3	N	4.8	4.6	—	—	—	—
7	55.6	60.1	58.1	57.9	NNW	3.3	NNW	2.9	NNE	3.5	2.8	—	—	—	—
8	55.0	53.2	56.4	54.9	NE	2.9	NE	1.4	ENE	1.8	2.1	—	—	—	—
9	55.8	55.4	55.8	55.7	WSW	0.6	SW	1.0	SW	1.4	1.3	—	—	—	—
10	54.6	53.3	55.5	54.5	SW	1.3	NW	2.9	N	7.9	3.6	—	—	0.0	0.0
11	57.2	61.4	61.4	60.0	N	5.0	NNW	**10.4**	WNW	1.2	4.9	**0.6**	0.2	—	**0.8**
12	60.4	58.0	56.0	58.1	—	0.1	W	4.8	W	0.5	1.9	—	—	—	—
13	53.8	50.8	49.1	51.2	—	0.2	WSW	3.5	SE	1.0	1.2	—	—	—	—
14	**46.8**	50.0	52.3	49.7	—	0.3	NNW	2.6	SSW	1.6	1.7	—	—	—	—
15	51.1	52.1	55.2	52.8	NW	1.9	N	3.6	NNW	1.6	2.4	—	—	—	—
16	56.4	55.9	55.6	56.0	NW	1.1	WNW	5.9	WSW	0.9	1.2	—	—	—	—
17	57.4	59.3	60.4	59.0	N	2.3	NNW	5.3	WSW	2.0	2.8	—	—	—	—
18	60.7	59.4	59.3	59.8	WSW	2.1	SW	1.2	WSW	2.7	1.9	—	—	—	—
19	60.3	59.5	62.2	60.7	SW	1.2	WSW	1.5	SSW	1.4	1.5	—	—	—	—
20	62.6	60.7	59.1	60.8	WSW	3.3	SW	4.2	SW	5.0	3.5	—	—	—	—
21	57.2	60.7	63.3	60.4	W	3.0	NNW	5.5	WNW	2.5	3.1	—	—	—	—
22	66.3	**66.6**	66.3	66.4	NW	1.9	W	1.8	SW	1.9	2.2	—	—	—	—
23	64.1	62.5	60.9	62.5	W	1.8	WNW	1.6	WSW	2.3	2.0	—	—	—	—
24	59.2	59.7	57.8	58.9	W	2.6	SSW	2.6	WSW	2.9	2.4	—	—	—	—
25	55.2	53.1	52.0	53.6	W	8.8	W	4.5	SSW	3.2	4.6	—	—	—	—
26	51.4	52.3	58.2	54.0	WSW	2.0	N	5.1	NNE	3.2	2.7	—	—	—	—
27	59.9	59.3	60.5	59.9	N	1.5	N	3.3	N	1.6	2.0	—	—	—	—
28	60.1	60.7	62.9	61.2	NNW	3.6	WNW	4.7	W	1.8	2.9	—	—	—	—
29	62.7	62.4	62.2	62.4	W	2.0	WNW	3.4	SW	2.7	2.5	—	—	—	—
30	61.2	60.0	60.4	60.5	W	3.2	NW	2.3	SSW	1.5	2.0	—	—	—	—
31	57.3	54.4	53.3	55.0	WSW	1.2	SSW	7.0	SSW	4.8	3.7	—	—	—	—
平均 Mean	57.4	57.1	57.2	57.2		2.4		3.8		2.7	2.7	0.6	0.2	0.0	0.8

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE	蒸發量 (粍) AMOUNT OF EVAPORATION
1	82.3	93.5	84.5	86.8	93.8	79.4	14.4	77	48	61	62	0 —	0 —	0 —	0.0	8.59	0.8
2	82.3	93.4	85.4	87.0	94.8	79.7	15.1	82	51	68	68	0 —	0 —	0 —	0.0	8.51	0.9
3	84.3	96.7	91.5	91.5	99.7	82.5	17.2	84	83	67	78	0 —	5 c	0 —	1.6	8.62	1.2
4	85.5	99.9	89.4	91.6	0.4	85.4	15.0	86	86	77	83	0 —	4 c	0 —	1.3	8.53	1.0
5	85.5	0.7	94.1	93.4	**2.7**	85.2	17.5	76	49	68	64	0 —	0 —	0 —	0.0	8.10	1.5
6	91.7	95.4	94.2	93.8	96.4	91.4	5.0	73	57	74	68	0 —	10 n	10 n	6.7	0.00	**1.6**
7	91.4	94.5	87.2	91.0	95.4	87.2	8.2	70	57	79	69	1 c	5 c	0 —	2.0	5.28	0.8
8	86.3	92.1	85.5	88.0	92.6	85.5	7.1	77	52	86	72	10 n	10 n	0 —	6.7	0.00	0.9
9	89.9	92.5	83.5	85.6	92.9	78.5	14.4	67	42	68	59	0 —	0 —	0 —	0.0	8.05	1.0
10	79.5	91.0	85.1	85.2	92.5	78.4	14.1	58	52	80	63	0 —	0 —	10 n	3.3	8.70	0.9
11	83.9	85.2	80.4	83.2	85.3	80.4	**4.9**	84	75	67	75	0 —	0 —	0 —	0.0	2.89	0.5
12	74.7	84.5	77.9	79.0	85.2	74.7	10.5	71	88	55	71	0 —	0 —	0 —	0.0	8.36	0.6
13	74.0	88.5	81.3	81.5	89.4	74.2	15.2	62	49	70	60	0 —	0 —	0 —	0.0	8.14	0.6
14	77.5	87.1	81.9	82.2	89.0	76.8	12.2	70	62	61	64	0 —	0 —	0 —	0.0	7.91	0.7
15	85.9	87.9	83.3	85.7	88.2	81.2	7.0	70	58	58	62	0 —	10 sc	0 —	3.3	3.65	0.6
16	73.8	86.4	80.7	80.3	87.4	**72.2**	15.2	69	54	76	66	0 —	2 c	0 —	0.7	7.60	0.7
17	76.7	83.9	76.7	79.1	84.9	75.0	9.9	75	89	75	80	0 —	0 —	0 —	0.0	7.93	0.6
18	74.5	87.7	80.5	80.9	89.4	73.6	15.8	80	44	76	67	0 —	0 —	0 —	0.0	8.07	0.7
19	75.0	89.9	85.4	83.4	93.4	75.0	18.4	71	56	72	66	0 —	0 —	0 —	0.0	7.81	0.6
20	80.5	84.9	87.7	84.4	85.6	78.5	7.1	87	44	76	69	0 —	0 —	0 —	0.0	8.21	0.9
21	84.5	95.9	85.8	88.7	96.4	82.0	14.4	86	**31**	73	63	0 —	0 —	0 —	0.0	7.88	1.2
22	80.7	93.0	82.0	85.2	95.1	80.2	14.9	76	43	66	62	0 —	1 c	0 —	0.3	7.99	0.7
23	78.1	93.9	83.9	85.3	95.8	77.0	18.8	84	35	75	65	0 —	0 —	0 —	0.0	8.25	1.0
24	81.2	97.9	85.8	88.3	0.8	80.8	**20.0**	81	60	77	73	0 —	0 —	0 —	0.0	8.19	1.1
25	91.3	1.3	89.1	93.9	1.4	83.6	17.8	65	64	74	68	7 c	10 c	0 —	5.7	7.95	1.2
26	85.5	94.1	87.7	89.1	94.6	84.5	10.1	91	50	76	72	8 c	10 s	0 —	6.0	4.31	0.8
27	81.5	91.0	86.1	86.2	92.0	80.4	11.6	77	63	77	72	0 —	0 —	0 —	0.0	7.33	0.8
[illegible]	80.5	91.7	81.9	84.7	92.0	79.6	12.4	81	33	82	65	0 —	0 —	0 —	0.0	7.91	0.9
[illegible]	79.9	92.7	83.4	85.3	93.4	79.3	14.1	67	36	84	62	7 c	0 —	0 —	2.3	8.19	1.0
[illegible]	82.7	94.5	84.2	87.1	96.5	79.2	17.3	78	37	70	62	0 —	0 —	0 —	0.0	8.27	0.8
[illegible]	78.7	94.8	86.1	86.5	95.2	78.5	16.7	71	37	86	65	0 —	0 —	0 —	0.0	8.20	1.0
	81.7	92.2	84.9	86.3	93.3	80.0	13.3	76	54	73	68	1.1	2.2	0.6	1.3	218.82	27.6

* 重力ノ更正 Reduction to standard gravity ……— 0.0
海面ヘノ更正 Reduction to mean sea level ……+ 15.2

哈爾濱

昭和六年十二月 KHARBIN. DECEMBER, 1931.

日 Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 5h	13h	21h	平均 Mean	風ノ方向及速度 (米/秒) DIRECTION AND VELOCITY (m/sec) OF WIND. 5h		13h		21h		二十四時間平均 Mean for 24h.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total
1	63.1	63.1	61.1	62.4	W	1.8	W	5.7	SW	4.1	3.4	—	—	—	—
2	58.8	57.1	55.7	57.2	SSW	1.9	WSW	4.9	S	4.6	3.1	—	—	—	—
3	53.8	51.2	48.8	51.3	SW	3.0	SW	6.7	SW	5.0	4.2	—	—	—	—
4	51.2	52.4	54.4	52.7	WSW	1.5	WSW	2.9	WSW	1.9	2.8	—	—	—	—
5	54.0	52.4	51.8	52.7	SSE	4.2	SSW	5.8	SSW	4.9	4.2	—	—	—	—
6	53.3	51.5	50.9	51.9	SW	0.9	NE	1.3	N	1.4	1.7	—	0.1	3.4	3.5
7	55.2	57.9	59.9	57.7	NW	2.9	NNW	4.3	NNE	0.6	3.0	0.3	—	—	0.3
8	55.9	53.9	53.9	54.6	E	1.4	ENE	2.3	E	1.6	2.0	—	—	0.0	0.0
9	55.9	55.4	56.7	56.0	W	1.6	N	1.5	W	1.3	2.0	0.0	—	—	0.0
10	57.1	57.0	57.3	57.1	—	0.3	S	2.3	E	2.0	1.2	—	—	—	—
11	57.5	56.1	56.9	56.8	—	0.4	NE	4.7	NW	6.4	3.4	—	—	—	—
12	57.8	56.8	55.6	56.7	WNW	3.5	NW	5.0	SW	1.8	4.1	—	—	—	—
13	53.5	52.3	52.2	52.7	WSW	2.2	SW	3.2	S	1.8	2.6	—	—	—	—
14	50.3	50.5	53.6	51.5	SE	3.7	S	2.1	SSE	2.2	2.6	—	—	—	—
15	52.8	51.9	53.4	52.7	E	1.8	NW	1.5	N	1.6	1.5	—	0.5	0.3	0.8
16	55.0	56.3	58.3	56.5	WSW	1.6	W	4.7	NNW	1.2	2.7	—	—	—	—
17	57.9	58.8	60.6	59.1	E	0.6	SW	1.7	SW	2.0	1.6	—	—	0.3	0.3
18	61.1	60.4	60.6	60.7	WSW	2.3	SW	2.2	S	4.7	2.7	—	—	—	—
19	59.8	60.5	61.0	60.4	SSW	1.1	SW	2.9	SW	3.2	2.8	—	—	—	—
20	62.7	61.4	60.3	61.5	S	1.8	SSW	3.3	SSW	5.0	3.1	—	—	—	—
21	58.4	59.7	63.8	60.6	SSW	5.8	SW	2.6	W	0.7	3.8	—	—	—	—
22	66.0	66.2	66.4	66.2	SW	2.0	WSW	2.8	SW	1.9	2.1	—	—	—	—
23	64.6	63.0	61.4	63.0	S	2.2	SW	2.0	SSW	2.0	2.3	—	—	—	—
24	59.8	58.8	58.8	59.1	S	4.1	S	3.1	W	3.6	3.3	—	—	—	—
25	57.5	55.8	54.7	56.0	S	5.3	SSW	4.9	SW	5.8	5.4	—	—	—	—
26	52.4	52.9	57.4	54.2	SSW	4.4	W	3.4	N	2.3	3.8	—	—	—	—
27	58.5	58.9	59.0	58.8	WNW	1.2	NNW	2.9	NE	1.1	1.7	—	—	—	—
28	59.3	59.9	61.8	60.3	—	0.4	WNW	3.2	WSW	1.8	1.6	—	—	—	—
29	62.9	61.8	62.2	62.3	SW	1.9	SW	3.5	SW	2.0	2.3	—	—	—	—
30	61.0	60.5	61.2	60.9	S	2.9	SW	2.2	S	1.2	2.6	—	—	—	—
31	60.3	57.4	54.5	57.4	SSE	2.9	S	3.3	S	5.0	3.2	—	—	—	—
平均 Mean	57.7	57.2	57.6	57.5		2.3		3.3		2.7	2.8	0.3	0.6	4.0	4.9

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	濕度 (百分率) REL. HUMIDITY. (%) 5h	13h	21h	平均 Mean	雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD. 5h	13h	21h	平均 Mean.	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	82.1	91.6	84.9	86.2	92.2	81.4	10.8	88	61	81	77	0 —	0 —	0 —	0.0	7.85	0.6
2	80.2	82.2	85.2	85.9	92.3	80.0	12.3	93	50	76	73	0 —	0 —	0 —	0.0	7.50	1.0
3	83.2	95.1	88.9	89.1	95.6	82.9	12.7	83	52	73	69	0 —	1 c	0 —	0.3	7.78	1.0
4	85.4	96.4	88.9	90.2	97.5	85.0	12.5	86	56	77	73	0 —	0 —	0 —	0.0	7.91	0.9
5	86.8	99.7	96.2	94.2	0.2	86.1	14.1	83	55	76	71	1 sk	3 cs	0 —	1.3	7.42	0.9
6	88.2	96.6	93.4	92.7	96.7	88.0	8.7	96	95	82	91	4 cs	10 n	10 n	8.0	0.00	0.2
7	89.2	91.5	83.4	88.0	93.6	83.4	10.2	77	57	83	72	8 kc	0 —	0 —	2.7	7.10	0.7
8	83.6	90.0	88.6	87.4	90.4	80.5	9.9	89	64	76	76	8 sk	10 n	10 n	9.3	0.90	0.7
9	82.1	89.6	84.9	85.5	91.0	81.4	9.6	88	81	81	82	0 —	6 kc	0 —	2.0	5.13	0.4
10	77.6	89.0	82.8	83.1	90.2	77.5	12.7	92	74	83	83	3 s	0 —	0 —	1.0	7.02	0.6
11	81.5	88.2	80.0	83.2	88.5	80.0	8.5	88	68	66	74	10 n, sk	10 sc, n	5 ck	8.3	0.00	0.5
12	73.3	81.4	75.4	76.7	81.9	73.0	8.9	78	70	73	74	0 —	4 cs	0 —	1.3	7.30	0.5
13	73.2	82.6	79.4	78.4	83.7	72.9	10.8	78	56	71	68	0 —	2 c	0 —	0.7	6.85	0.7
14	81.6	89.6	82.5	84.6	90.0	77.6	12.4	87	77	89	84	10 sk	0 —	0 —	3.3	6.32	0.7
15	82.8	88.8	85.6	85.7	89.1	82.4	6.7	94	81	91	89	10 s, n	10 n, sc	10 sc, n	10.0	1.50	0.1
16	76.0	81.5	76.2	77.9	86.1	75.6	10.5	91	77	81	83	3 cs	1 k	0 —	1.3	3.90	0.5
17	74.2	80.0	75.1	76.4	81.2	74.2	7.0	79	73	80	77	0 —	7 sc, s	0 —	2.3	4.35	0.3
18	72.6	81.5	78.1	77.4	81.8	72.5	9.3	88	70	77	78	0 —	2 c	0 —	0.7	7.50	0.5
19	74.9	85.0	80.3	80.1	85.4	74.9	10.5	90	72	80	81	0 —	1 c	0 —	0.3	7.10	0.1
20	76.6	86.6	85.2	82.8	87.0	76.0	11.0	83	65	76	75	0 —	0 —	0 —	0.0	7.41	0.3
21	84.9	92.2	83.8	87.0	92.7	83.8	8.9	76	65	80	74	0 —	0 —	0 —	0.0	7.05	0.5
22	79.9	89.8	83.2	84.3	91.0	79.5	11.5	86	64	78	76	0 —	0 —	0 —	0.0	7.20	0.7
23	77.5	89.2	81.6	82.8	89.7	77.5	12.2	84	55	81	73	0 —	0 —	0 —	0.0	7.24	0.5
24	80.0	90.2	86.1	85.4	90.4	79.8	10.6	86	66	82	78	0 —	0 —	0 —	0.0	7.22	0.7
25	81.[illegible]	90.3	88.4	86.6	93.3	80.7	12.6	81	57	76	71	0 —	8 sc, c	0 —	2.7	7.05	0.6
26	88.3	92.8	84.9	88.7	92.8	84.9	7.9	80	75	68	74	2 sk, c	10 kc	0 —	4.0	1.30	0.6
27	79.8	89.1	83.3	84.1	89.5	78.4	11.1	80	70	84	78	0 —	3 c, k	0 —	1.0	7.35	0.2
28	80.2	89.6	81.6	83.8	90.6	78.7	11.9	93	64	82	80	5 c	5 c, ck	3 c	4.3	6.78	0.7
29	78.8	90.3	82.2	83.8	90.5	78.0	12.5	85	54	77	72	2 sk	0 —	0 —	0.7	7.20	0.5
30	79.1	89.8	81.0	83.3	90.2	78.9	11.3	85	61	81	76	0 —	0 —	0 —	0.0	7.57	0.6
31	79.4	90.5	84.6	84.8	91.1	78.8	12.3	86	62	76	75	0 —	1 c	0 —	0.3	7.64	0.4
平均 Mean	80.5	89.4	83.7	84.5	90.2	79.5	10.7	86	66	79	77	2.1	3.0	1.2	2.1	184.44	17.2

重力ノ更正 Reduction to standard gravity……+ 0.1

海面ヘノ更正 Reduction to mean sea level……+ 14.8

昭和七年一月二十五日印刷
昭和七年一月二十八日發行

關東廳觀測所
大連市八幡町三十五番地

大連市若狹町三十三番地
印刷人　太田信三

大連市若狹町三十三番地
印刷所　小林又七支店印刷部

昭　和　六　年

滿　洲　氣　象　表

ANNUAL REPORT

OF THE

METEOROLOGICAL OBSERVATIONS

MADE AT THE

METEOROLOGICAL STATIONS

IN

MANCHURIA

1931

PUBLISHED BY THE METEOROLOGICAL OBSERVATORY
DAIREN, MANCHURIA.

LIBRARY
WEATHER BUREAU

凡　例

本編ハ昭和六年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ハ

觀測時ハ日本西部標準時卽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制ヲ用フ但シ日照時數ハ眞太陽時ニ據ル

氣壓ハ粍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ス

溫度ハ攝氏ノ度ニ據ル但シ氷點以下ノ度ハ負數ヲ用ヒス百ヨリ其度ヲ減シ其餘數ヲ以テ之ヲ示ス卽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カ如シ

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

平均雲量二未滿ナル日ヲ快晴トシ八以

EXPLANATION.

The present publication contains the results of the meteorological observations made an the meteorological stations in Manchuria in the year, 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 Observation.—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 millimeters 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 is less than 2 exclusive for the former, and more than 8 inclusive for the

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

現象ノ記號ハ總テ萬國普通ノ記號ヲ用フ

latter.

Days with Gales.—As such are counted the days when the maximum velocity reaches or exceeds 10 meters per second.

The occurrence of phenomena is recorded with international symbols.

關東廳觀測所長
草　間　茂　登

S. KUSAMA,
Director of the Meteorological Observatory of the Government of Kwantung.

萬國普通記號
ILLUSTRATION OF SYMBOLS.

雨	●	Rain	雨氷	~	Glazed frost	烟霧	∞	Haze
雪	✳	Snow	吹雪	✦	Snow drift	卷雲	C	Cirrus
電雷	⌈	Thunder storm	細氷	←	Ice crystals	卷層雲	CS	Cirro-stratus
雷聲	T	Thunder without lightning	地震	⊙	Earthquake	卷積雲	CK	Cirro-cumulus
電光	<	Lightning without thunder	日光環	⦶	S lar corona	高積雲	KC	Alto-cumulus
霰	△	Graupel	日暈	⊕	Solar halo	高層雲	SC	Alto-stratus
雹	▲	Hail	月光環	Ⓤ	Lunar corona	層積雲	SK	Strato-cumulus
霧	≡	Mist, f g	月暈	Ⓤ	Lunar halo	亂雲	N	Nimbus
霜	⊔	Hoar frost	暴風	⁄	Gale	積雲	K	Cumulus
露	⌒	Dew	虹	∩	Rainbow	積亂雲	KN	Cumulo-nimbus
霧氷	V	Silver thaw	極光	⩔	Aurora	層雲	S	Stratus

大　連
DAIREN.

昭　和　六　年　　1931

大連

月 MONTH.	氣壓 (粍) AIR PRESSURE. (mm) ※ (+ 700 mm) 2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	日 Day	最低 Min.	日 Day	水蒸氣ノ張力 (粍) TENSION OF VAPOUR. (mm) 2h	6h	10h	14h	18h	22h	平均 Mean
一月 Jan.	61.3	60.7	61.4	60.0	60.7	61.0	60.8	71.3	9	52.1	2	2.2	2.2	2.2	2.2	2.1	2.2	2.2
二月 Feb.	62.4	62.1	62.8	61.5	62.2	62.9	62.3	**71.6**	7	52.5	1	1.9	1.8	1.8	1.7	1.7	1.8	**1.8**
三月 Mar.	57.4	57.0	57.5	56.3	56.3	57.1	56.9	66.9	1	44.1	21	3.1	3.1	3.2	3.3	3.2	3.2	3.2
四月 April	53.8	53.7	54.4	53.5	53.4	54.2	53.9	63.5	8	42.0	15	4.4	4.6	4.5	4.2	4.0	4.2	4.3
五月 May	50.7	50.8	51.2	50.5	49.8	50.7	50.6	58.1	3	41.7	14. 15	7.6	7.8	7.6	7.7	7.2	7.4	7.5
六月 June	46.1	46.1	46.4	45.8	45.4	46.0	**46.0**	51.0	1	38.4	12	12.0	12.5	12.7	12.5	12.5	12.3	12.4
七月 July	46.6	46.7	47.0	46.6	46.4	47.2	46.7	52.8	15	**38.9**	1	15.4	15.9	16.1	16.2	16.0	16.0	15.9
八月 Aug.	48.1	48.1	48.7	47.9	47.6	48.3	48.1	54.1	28	39.6	26	18.6	18.4	18.8	18.8	18.4	18.7	**18.6**
九月 Sept.	52.2	52.3	52.7	51.8	51.7	52.4	52.2	58.2	15	45.9	11	12.3	12.9	12.9	12.6	12.6	12.6	12.6
十月 Oct.	59.0	59.0	59.7	58.4	58.7	59.3	59.0	67.9	10	49.1	6	6.9	6.9	6.8	6.4	6.8	6.7	6.7
十一月 Nov.	60.0	59.7	60.6	59.4	59.9	60.3	60.0	69.8	18	51.7	6	5.2	5.0	4.9	4.8	5.1	4.9	5.0
十二月 Dec.	62.8	62.5	63.4	62.0	62.5	62.7	**62.6**	69.7	18	54.7	14	2.6	2.6	2.8	2.7	2.7	2.7	2.7
全年 Annual	55.0	54.9	55.5	54.5	54.5	55.2	54.9	71.6	7 II	30.9	1 VII	7.7	7.8	7.9	7.7	7.7	7.7	7.7

月 MONTH.	氣溫 (攝氏) AIR TEMPERATURE. (°C) 2h	6h	10h	14h	18h	22h	平均 Mean	平均 Mean 最高 Max.	最低 Min.	較差 Range	極 Absolute 最高 Max.	日 Day	最低 Min.	日 Day	濕度 (百分率) RELATIVE HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean
一月 Jan.	94.4	93.9	93.3	97.0	95.0	94.5	95.2	98.7	91.3	7.5	6.0	31	**80.1**	10	64.8	66.3	55.9	53.8	59.0	62.6	60.4
二月 Feb.	93.6	93.0	95.8	97.0	94.6	93.5	**94.6**	98.4	**90.9**	7.5	7.4	27	81.7	6	61.7	60.9	49.1	44.2	52.8	60.0	54.8
三月 Mar.	0.5	0.4	4.4	6.0	2.8	1.4	2.6	7.5	98.7	**8.8**	17.1	29	93.0	8	61.4	64.2	50.6	45.0	55.2	60.5	56.2
四月 April	6.2	6.2	9.8	11.0	8.7	6.8	8.1	12.7	4.3	8.5	21.3	30	96.5	4	62.8	65.3	50.5	42.1	46.8	56.8	**54.1**
五月 May	12.9	13.0	17.3	18.2	15.7	13.4	15.1	19.8	11.4	8.4	26.8	31	7.6	7	68.4	69.9	52.2	51.2	55.5	64.8	60.3
六月 June	17.1	17.9	21.4	22.0	20.3	17.7	19.4	23.9	15.9	8.0	29.9	22	10.9	11	82.8	82.2	68.8	65.1	71.5	82.0	75.4
七月 July	19.9	20.3	23.6	24.0	22.3	20.4	21.7	25.1	19.0	6.1	**30.7**	26	16.1	1	89.4	89.8	75.4	73.0	80.2	90.1	83.0
八月 Aug.	22.3	22.3	25.3	26.1	24.0	22.7	**23.8**	**26.9**	21.3	**5.6**	30.3	13	16.9	26	92.0	91.2	78.2	74.9	82.3	91.0	**84.9**
九月 Sept.	18.5	18.2	22.6	23.2	19.7	18.9	20.2	24.4	17.1	7.4	27.0	6.9	9.2	29	76.4	81.2	61.8	58.2	72.0	76.4	71.0
十月 Oct.	11.1	10.9	14.9	16.9	12.8	11.8	12.9	17.3	9.6	7.7	25.4	6	0.7	26	63.6	65.4	49.7	43.3	56.2	59.8	56.3
十一月 Nov.	5.6	4.9	7.8	8.4	5.9	5.3	6.3	10.1	3.2	6.9	17.9	8	93.4	18	71.2	70.6	57.1	54.6	68.0	67.4	64.8
十二月 Dec.	97.3	96.9	98.8	99.8	97.8	97.6	98.0	1.5	94.8	6.7	11.2	5	86.7	12	63.8	65.9	61.2	55.7	63.3	64.1	62.3
全年 Annual	8.3	8.2	11.5	12.4	10.0	8.6	9.8	13.9	6.5	7.4	30.7	26 VII	80.1	10 I	71.5	72.7	59.2	55.1	63.6	69.6	65.3

月 MONTH.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total	最大 Maximum 二十四時間 in 24h.	日 Day	四時間 in 4h.	日 Day	雲量 (自零至十) AMOUNT OF CLOUD. (0-10) 6h	10h	14h	18h	22h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE. 總計 Total	百分率 %	蒸發量 (粍) EVAPORATION (mm)
一月 Jan.	0.8	1.7	6.6	1.2	0.2	—	10.5	5.3	1	4.0	22	3.1	4.5	4.7	3.4	2.9	3.7	183.6	61	58.4
二月 Feb.	1.0	0.8	0.1	—	0.0	0.3	**2.2**	1.9	9	1.0	9	3.5	5.3	5.6	5.6	3.1	4.6	176.1	59	55.8
三月 Mar.	0.5	4.4	0.5	0.0	—	0.0	5.4	4.7	31	3.7	31	4.4	4.0	4.8	3.5	2.5	3.8	257.6	70	125.8
四月 April	—	2.0	2.1	2.2	1.4	0.0	7.7	2.7	21	2.0	16	6.0	6.7	6.2	5.8	4.2	5.8	251.3	63	187.4
五月 May	5.4	29.6	5.3	0.0	8.9	1.2	49.5	18.0	6	13.5	6	5.5	4.7	5.5	5.4	5.3	5.3	**279.4**	63	**226.0**
六月 June	4.9	8.3	14.7	14.1	2.3	6.4	50.7	25.9	10	12.9	10	7.0	7.6	7.7	6.9	5.4	6.9	237.4	54	186.5
七月 July	3.7	41.9	51.1	10.9	6.9	3.5	118.0	**83.1**	1	**49.4**	1	6.1	7.1	6.7	6.1	4.0	6.0	258.0	57	153.8
八月 Aug.	16.4	40.9	64.2	19.2	14.9	10.5	**166.1**	51.4	26	26.1	14	7.9	8.1	7.4	7.3	6.5	**7.4**	199.2	47	130.6
九月 Sept.	4.5	1.9	3.0	17.8	15.9	5.9	49.0	33.8	2	16.9	2	4.6	4.3	3.7	3.6	2.2	3.7	259.9	70	141.6
十月 Oct.	—	0.8	0.6	1.6	0.0	—	3.0	1.6	7	1.6	7	2.7	3.5	3.0	2.7	2.0	**2.8**	267.8	78	159.2
十一月 Nov.	2.7	0.2	2.2	0.4	8.4	8.1	22.0	14.1	5	7.0	5	4.2	5.5	5.6	5.2	4.1	4.9	170.3	57	74.7
十二月 Dec.	1.8	0.3	2.4	9.0	3.9	2.3	19.7	5.9	11	3.6	11	3.8	5.4	5.1	4.0	3.5	4.4	**161.1**	55	**52.6**
全年 Annual	41.7	132.8	152.8	76.4	61.9	38.2	503.8	83.1	1 VII	49.4	1 VII	4.9	5.6	5.5	5.0	3.8	4.9	2701.8	61	1552.4

※重力ノ更正　Reduction to standard gravity ……— 0.4
海面ヘノ更正　Reduction to mean sea level ……+ 9.3

大　連

昭和六年　**DAIREN.**　1931

風速度（米秒） VELOCITY OF WIND. (m/sec)

月 MONTH.	2h	6h	10h	14h	18h	22h	最大 Maximum. 速度 Vel.	方向 Dir.	日 Day	廿四時間平均 Mean for 24h.
一月 Jan.	5.4	5.4	6.7	7.6	6.0	5.8	14.4	N	9	6.2
二月 Feb.	4.6	4.2	5.1	6.1	4.8	4.1	17.3	N	5	4.7
三月 Mar.	5.1	6.3	7.1	7.2	5.9	5.9	16.0	S	21	6.2
四月 April	7.0	5.6	6.6	7.5	6.1	6.7	19.8	S	14	6.5
五月 May	6.1	4.9	6.0	6.9	6.0	6.1	17.3	NNW	15	5.9
六月 June	3.4	3.3	4.9	5.7	4.8	4.3	16.3	S	2	4.4
七月 July	4.2	3.3	4.6	5.3	4.6	4.3	16.3	ENE	1	4.4
八月 Aug.	3.9	4.0	4.3	5.3	4.2	4.0	14.5	S	13	4.2
九月 Sept.	4.4	4.1	5.4	6.3	4.4	4.9	14.6	N	28	4.9
十月 Oct.	5.1	4.9	6.3	6.9	4.7	5.3	16.9	N	25	5.3
十一月 Nov.	4.2	4.4	5.0	5.4	4.0	3.9	14.8	NNW	17	4.6
十二月 Dec.	5.3	4.5	5.3	5.9	4.7	5.1	18.7	NNW	12	5.1
全年 Annual	4.9	4.6	5.6	6.3	5.0	5.0	19.8	S	14 IV	5.2

暴風日數 NO. OF DAYS WITH GALES.

月 MONTH.	強風 10–15 m/sec	烈風 15–29 m/sec	颶風 ≧29 m/sec	合計 Sum
一月 Jan.	16	—	—	16
二月 Feb.	3	2	—	5
三月 Mar.	20	1	—	21
四月 April	9	6	—	15
五月 May	14	4	—	18
六月 June	8	1	—	9
七月 July	6	1	—	7
八月 Aug.	8	—	—	8
九月 Sept.	7	—	—	7
十月 Oct.	11	1	—	12
十一月 Nov.	7	—	—	7
十二月 Dec.	8	2	—	10
全年 Annual	117	18	—	135

上層雲 UPPER CLOUD.

月 MONTH.	平均 Resultant 方向 Dir.	回數 Freq. %
一月 Jan.	W	100
二月 Feb.	W	100
三月 Mar.	N 79° W	96
四月 April	N 83° W	77
五月 May	W	93
六月 June	N 58° W	84
七月 July	N 62° W	79
八月 Aug.	N 88° W	87
九月 Sept.	S 68° W	100
十月 Oct.	W	100
十一月 Nov.	S 68° W	100
十二月 Dec.	N 45° W	100
全年 Annual	N 83° W	83

各風向觀測回數 FREQUENCY OF WIND FROM.

月 MONTH.	北 N	北北東 NNE	北東 NE	東北東 ENE	東 E	東南東 ESE	南東 SE	南南東 SSE	南 S	南南西 SSW	南西 SW	西南西 WSW	西 W	西北西 WNW	北西 NW	北北西 NNW	靜穩 Calm
一月 Jan.	41	—	2	—	2	1	1	2	29	16	18	6	7	9	14	37	1
二月 Feb.	30	2	3	1	—	—	1	4	10	17	12	6	3	4	26	45	4
三月 Mar.	13	2	5	6	1	2	1	23	49	20	3	5	2	2	22	28	2
四月 April	21	1	1	6	—	2	6	8	34	28	5	4	4	5	28	25	2
五月 May	4	1	2	2	—	—	—	18	74	22	4	2	1	5	34	12	5
六月 June	2	1	3	4	2	7	17	42	53	8	3	2	2	4	12	12	6
七月 July	1	2	4	8	9	9	6	27	58	13	4	1	2	9	22	5	6
八月 Aug.	6	—	—	3	4	11	7	42	51	6	—	1	3	2	24	18	8
九月 Sept.	7	2	—	—	5	3	10	14	47	32	15	4	7	13	8	7	6
十月 Oct.	28	1	1	3	1	1	—	3	37	15	17	4	7	6	23	36	3
十一月 Nov.	25	2	4	—	2	—	1	3	26	12	6	15	7	5	27	36	9
十二月 Dec.	37	1	3	1	—	—	—	2	11	8	10	13	3	8	21	57	11
全年 Annual	215	15	28	34	26	36	50	188	479	197	97	63	48	72	261	318	63

風 WIND.

月 MONTH.	平均 Resultant 方向 Dir.	回數 Freq. %
一月 Jan.	N 64° W	35
二月 Feb.	N 46° W	47
三月 Mar.	S 35° W	21
四月 April	S 79° W	23
五月 May	S 28° W	43
六月 June	S 11° E	50
七月 July	S 5° E	49
八月 Aug.	S 5° E	34
九月 Sept.	S 21° W	50
十月 Oct.	N 75° W	32
十一月 Nov.	N 61° W	38
十二月 Dec.	N 40° W	55
全年 Annual	S 69° W	26

天氣日數 NUMBER OF DAYS WITH.

月 MONTH.	降水 Precipitation ≧0.1 mm	降水 ≧1.0 mm	雪	霰	雹	電雷	電聲	霧	快晴 Clear	曇天 Cloudy	不照 Sunless	暴風	霜
一月 Jan.	2	2	6	1	—	—	—	—	13	4	2	16	7
二月 Feb.	2	1	3	—	—	—	—	1	6	8	4	5	6
三月 Mar.	2	1	1	1	—	—	—	1	9	6	—	21	3
四月 April	5	3	2	1	—	—	—	—	4	9	1	15	—
五月 May	5	4	—	—	1	1	—	2	7	9	2	18	—
六月 June	9	7	—	—	—	5	—	1	2	13	—	9	—
七月 July	6	4	—	—	—	—	—	5	3	10	4	7	—
八月 Aug.	11	8	—	—	—	2	—	2	1	17	6	8	—
九月 Sept.	9	4	—	1	1	2	—	—	13	5	2	7	—
十月 Oct.	3	2	2	1	1	1	—	—	15	3	—	12	—
十一月 Nov.	6	3	2	1	—	—	—	1	9	8	2	7	1
十二月 Dec.	6	5	5	1	—	—	—	2	10	7	5	10	9
全年 Annual	66	44	21	7	3	11	—	25	92	99	28	135	26

氣溫 Air Temperature

月 MONTH.	最低 Min. <-9°	最低 Min. <0°	平均 Mean <0°	最高 Max. <0°	最低 Min. ≧25°	平均 Mean ≧25°	最高 Max. ≧25°	平均 Mean ≧30°	最高 Max. ≧30°	最高 Max. ≧35°
一月 Jan.	14	31	24	13	—	—	—	—	—	—
二月 Feb.	9	28	26	15	—	—	—	—	—	—
三月 Mar.	—	19	6	—	—	—	—	—	—	—
四月 April	—	4	—	—	—	—	—	—	—	—
五月 May	—	—	—	—	—	—	4	—	—	—
六月 June	—	—	—	—	—	—	12	—	—	—
七月 July	—	—	—	—	—	2	14	—	2	—
八月 Aug.	—	—	—	—	—	10	22	—	2	—
九月 Sept.	—	—	—	—	—	—	19	—	—	—
十月 Oct.	—	—	—	—	—	—	1	—	—	—
十一月 Nov.	—	10	5	2	—	—	—	—	—	—
十二月 Dec.	3	26	24	10	—	—	—	—	—	—
全年 Annual	26	118	85	40	—	12	72	—	4	—

地震回數 No. of obs.

月 MONTH.	地震回數 No. of obs.
一月 Jan.	3
二月 Feb.	5
三月 Mar.	4
四月 April	—
五月 May	1
六月 June	1
七月 July	—
八月 Aug.	5
九月 Sept.	4
十月 Oct.	3
十一月 Nov.	2
十二月 Dec.	1
全年 Annual	29

營口

昭和六年 **YINGKOW.** 1931

氣壓 (粍) AIR PRESSURE. (mm) ※ (+ 700 mm)

月 MONTH.	2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	日 Day	最低 Min.	日 Day
一月 Jan.	70.1	69.6	70.5	69.0	69.6	70.0	69.8	82.4	9	59.1	2
二月 Feb.	71.5	71.2	72.2	70.8	71.2	71.9	71.5	81.0	7	61.7	1
三月 Mar.	65.7	65.1	65.7	64.5	64.5	65.5	65.2	75.2	1	51.0	21
四月 April	61.8	61.9	62.5	61.3	60.8	61.8	61.7	71.3	8	50.4	14
五月 May	58.0	58.1	58.6	57.6	57.1	58.0	57.9	65.5	10	48.2	27
六月 June	53.6	53.6	53.7	52.9	52.5	53.5	53.3	58.7	17	45.4	12
七月 July	54.1	54.1	54.4	53.7	53.5	54.4	54.0	59.6	15	42.8	1
八月 Aug.	55.9	55.9	56.3	55.5	55.4	56.0	55.8	61.3	28	48.3	26
九月 Sept.	59.5	59.5	60.0	58.9	58.7	59.6	59.4	65.9	15	52.1	11
十月 Oct.	67.0	66.9	67.6	66.3	66.5	67.1	66.9	77.2	10	58.0	6
十一月 Nov.	68.8	68.3	69.3	68.1	68.5	68.9	68.6	78.8	18	58.8	7
十二月 Dec.	72.0	71.8	72.9	71.5	71.6	71.8	71.9	79.8	1	61.8	14
全年 Annual	63.2	63.0	63.6	62.5	62.5	63.2	63.0	82.4	9 I	42.8	1 VII

水蒸氣ノ張力 (粍) TENSION OF VAPOUR. (mm)

月 MONTH.	2h	6h	10h	14h	18h	22h	平均 Mean
一月 Jan.	1.7	1.7	1.9	1.9	1.8	1.8	1.8
二月 Feb.	1.5	1.4	1.6	1.5	1.5	1.4	1.5
三月 Mar.	2.8	2.7	3.0	3.0	3.0	2.9	2.9
四月 April	4.3	4.6	4.4	4.2	4.3	4.4	4.4
五月 May	8.1	7.9	7.9	8.0	8.1	8.4	8.1
六月 June	12.7	12.4	12.3	12.7	12.8	13.4	12.7
七月 July	16.6	16.2	16.3	16.4	16.4	16.8	16.5
八月 Aug.	16.9	16.7	16.7	16.6	17.1	17.3	16.9
九月 Sept.	11.2	10.9	11.4	11.2	12.1	11.6	11.4
十月 Oct.	5.9	5.7	5.5	5.6	6.6	6.4	6.0
十一月 Nov.	3.9	3.8	3.8	3.9	4.2	4.0	3.9
十二月 Dec.	1.9	1.7	1.9	1.8	1.9	1.8	1.8
全年 Annual	7.3	7.1	7.2	7.3	7.5	7.5	7.3

氣溫 (攝氏) AIR TEMPERATURE. (°C)

月 MONTH.	2h	6h	10h	14h	18h	22h	平均 Mean	平均 Mean 最高 Max.	平均 Mean 最低 Min.	平均 Mean 較差 Range	極 Absolute 最高 Max.	極 Absolute 日 Day	極 Absolute 最低 Min.	極 Absolute 日 Day
一月 Jan.	89.0	88.3	92.3	94.5	91.6	89.9	90.9	96.2	84.7	11.4	3.9	31	75.1	10
二月 Feb.	89.5	88.0	92.8	95.3	92.8	90.4	91.5	96.5	85.6	10.8	2.6	19	76.0	7
三月 Mar.	98.3	97.8	3.9	6.4	2.8	99.6	1.4	7.4	95.3	12.1	17.2	14	87.6	17
四月 April	4.8	3.9	9.1	11.4	9.1	6.0	7.4	12.8	1.8	11.0	21.3	30	95.1	8
五月 May	13.3	12.4	17.9	19.8	17.3	14.4	15.9	20.9	10.9	10.0	26.7	29	4.5	7
六月 June	17.9	17.8	23.0	24.7	23.0	19.6	21.0	26.1	15.6	10.5	31.8	29	9.6	11
七月 July	21.5	21.1	25.7	27.2	25.5	22.7	24.0	28.2	19.7	8.6	32.4	28	16.4	2
八月 Aug.	21.9	21.4	25.3	27.0	25.3	22.8	24.0	28.0	19.9	8.0	31.8	17	13.7	26
九月 Sept.	16.6	15.3	22.2	24.1	21.1	18.3	19.6	25.0	14.1	10.9	29.0	1	7.4	29
十月 Oct.	7.6	6.3	13.8	16.2	11.7	8.6	10.7	16.9	4.2	12.8	26.5	3	96.7	27. 29
十一月 Nov.	1.3	0.5	5.5	7.6	4.0	1.9	3.5	8.9	97.7	11.3	18.4	8	88.4	27
十二月 Dec.	91.6	90.1	94.4	96.8	93.5	91.7	93.0	98.3	87.2	11.1	9.2	5	78.5	18
全年 Annual	6.1	5.2	10.5	12.6	9.8	7.1	8.6	13.8	3.1	10.7	32.4	28 VII	75.1	10 I

濕度 (百分率) RELATIVE HUMIDITY. (%)

月 MONTH.	2h	6h	10h	14h	18h	22h	平均 Mean
一月 Jan.	71.8	75.6	64.3	58.6	64.6	70.5	67.2
二月 Feb.	67.2	70.9	57.0	43.4	52.3	60.9	58.6
三月 Mar.	67.1	68.3	49.7	41.3	53.3	64.7	57.4
四月 April	66.4	73.5	49.7	42.2	48.0	62.0	57.0
五月 May	72.0	72.6	52.5	47.6	56.0	68.7	61.6
六月 June	82.8	81.4	60.3	56.2	61.7	78.2	70.1
七月 July	86.6	87.6	67.8	62.3	68.5	82.4	75.9
八月 Aug.	85.4	86.5	69.5	62.9	70.6	82.5	76.2
九月 Sept.	78.7	81.8	56.3	49.1	64.2	73.6	67.3
十月 Oct.	71.6	74.3	43.5	39.3	60.6	72.1	60.2
十一月 Nov.	71.1	73.6	52.6	44.9	61.3	69.7	62.2
十二月 Dec.	70.0	71.5	58.5	47.7	61.4	66.8	62.7
全年 Annual	74.2	76.5	56.8	49.5	60.2	71.0	64.7

降水量 (粍) AMOUNT OF PRECIPITATION. (mm)

月 MONTH.	22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total	最大 Maximum 二十四時間 in 24h.	日 Day	四時間 in 4h.	日 Day
一月 Jan.	0.2	2.0	3.6	0.7	0.3	0.1	6.9	5.1	22	3.3	22
二月 Feb.	1.1	0.5	0.3	0.1	0.0	0.9	2.9	1.6	9	1.1	9
三月 Mar.	2.4	3.1	—	—	—	—	5.5	5.5	16	3.1	16
四月 April	1.1	9.0	9.9	3.1	3.5	3.6	30.2	8.9	21	6.6	15
五月 May	3.2	18.7	24.9	3.4	11.5	3.1	64.8	33.8	5	16.6	5
六月 June	2.0	18.2	16.3	26.9	5.8	19.1	88.3	26.4	10	17.5	9
七月 July	2.7	5.2	19.0	20.7	26.3	54.7	128.6	37.8	1	31.4	7
八月 Aug.	4.5	19.5	23.9	10.2	55.3	35.2	148.6	91.2	8	45.4	8
九月 Sept.	5.0	15.3	14.7	2.4	7.6	7.5	52.5	24.6	8	11.7	8
十月 Oct.	0.1	5.8	27.7	0.0	0.6	2.2	36.4	24.5	6	24.3	6
十一月 Nov.	1.5	2.3	0.6	0.1	1.7	3.2	9.4	4.2	4	2.8	4
十二月 Dec.	0.7	4.4	4.6	2.4	3.7	1.2	17.0	11.8	11	4.4	11
全年 Annual	24.5	104.0	145.5	70.0	116.3	130.8	591.1	91.2	8 VIII	45.4	8 VIII

雲量 (自零至十) AMOUNT OF CLOUD. (0-10)

月 MONTH.	6h	10h	14h	18h	22h	平均 Mean
一月 Jan.	4.0	4.2	4.6	2.7	3.4	3.8
二月 Feb.	2.2	4.6	4.7	3.6	2.4	3.5
三月 Mar.	3.9	4.4	3.7	4.5	3.1	3.9
四月 April	6.2	6.2	6.1	4.7	4.4	5.5
五月 May	6.1	5.5	6.6	7.0	3.8	5.8
六月 June	7.3	7.7	7.4	7.6	4.5	6.9
七月 July	5.6	6.4	4.9	5.4	3.3	5.1
八月 Aug.	8.2	8.5	8.2	7.8	5.8	7.7
九月 Sept.	3.9	4.0	4.0	3.3	2.6	3.6
十月 Oct.	2.4	2.8	2.5	2.3	1.8	2.3
十一月 Nov.	4.0	5.1	4.4	3.8	2.9	4.0
十二月 Dec.	2.8	3.4	3.9	3.3	2.5	3.2
全年 Annual	4.7	5.2	5.1	4.7	3.4	4.6

日照時數 NO. OF HOURS WITH SUNSHINE. / 蒸發量 (粍) EVAPORATION (mm)

月 MONTH.	總計 Total	百分率 %	蒸發量 (粍) EVAPORATION (mm)
一月 Jan.	183.8	62	23.5
二月 Feb.	185.8	62	29.0
三月 Mar.	281.4	76	89.0
四月 April	254.3	64	132.9
五月 May	288.1	65	191.9
六月 June	298.7	67	193.9
七月 July	304.1	67	193.4
八月 Aug.	199.4	47	135.7
九月 Sept.	281.0	76	131.2
十月 Oct.	275.0	80	104.3
十一月 Nov.	186.8	63	53.9
十二月 Dec.	184.1	64	19.4
全年 Annual	2922.7	66	1298.1

※ 重力ノ更正 Reduction to standard gravity ..... − 0.3
海面ヘノ更正 Reduction to mean sea level ..... + 0.3

營口

昭和六年 **YINGKOW.** 1931

月 MONTH.	風速度 (米/秒) VELOCITY OF WIND. (m/sec) 2h	6h	10h	14h	18h	22h	最大 Maximum 速度 Vel.	方向 Dir.	日 Day	廿四時間平均 Mean for 24h.	暴風日數 NO. OF DAYS WITH GALES. 強風 10-15 m/sec	烈風 15-29 m/sec	颶風 ≧29 m/sec	合計 Sum	上層雲 UPPER CLOUD. 平均 Resultant 方向 Dir.	回數 Freq %
一月 Jan.	3.4	3.5	4.8	5.6	3.7	3.6	11.2	NNE	5	4.2	5	—	—	5	N 64° W	60
二月 Feb.	2.8	2.7	3.9	4.2	3.1	3.0	11.2	N	5	3.3	1	—	—	1	N 63° W	75
三月 Mar.	3.3	3.9	5.6	6.1	3.5	2.8	11.4	NNE	16	4.2	6	—	—	6	W	100
四月 April	3.1	3.4	5.5	5.6	4.4	2.7	11.7	SSE	14	4.1	6	—	—	6	S 78° W	94
五月 May	3.3	3.6	5.1	5.2	4.2	3.2	11.6	SSE	4	4.2	2	—	—	2	S 78° W	94
六月 June	1.6	2.1	3.7	4.4	2.3	1.8	11.1	SSW	2	2.9	2	—	—	2	S 82° W	95
七月 July	1.9	2.2	3.5	3.5	2.2	2.0	7.6	SSW	28	2.7	—	—	—	—	S 66° W	93
八月 Aug.	2.1	2.0	3.5	3.8	2.8	2.2	8.6	N	27	2.7	—	—	—	—	S 83° W	88
九月 Sept.	1.9	2.2	3.7	3.9	2.9	2.3	8.4	N	18	2.8	—	—	—	—	W	100
十月 Oct.	2.3	2.2	4.1	4.1	2.4	2.1	10.5	N	25	3.0	1	—	—	1	—	—
十一月 Nov.	2.7	2.7	3.6	3.8	2.5	2.6	8.8	NNE	17	2.8	—	—	—	—	S 75° W	93
十二月 Dec.	2.5	2.2	3.3	3.7	2.3	2.3	9.1	SSW	5	2.7	—	—	—	—	N 22° W	92
全年 Annual	2.6	2.7	4.2	4.5	3.2	2.6	11.7	SSE	14 IV	3.3	23	—	—	23	S 84° W	85

月 MONTH.	各風向觀測回數 FREQUENCY OF WIND FROM. 北 N	北北東 NNE	北東 NE	東北東 ENE	東 E	東南東 ESE	南東 SE	南南東 SSE	南 S	南南西 SSW	南西 SW	西南西 WSW	西 W	西北西 WNW	北西 NW	北北西 NNW	靜穩 Calm	風 WIND. 平均 Resultant 方向 Dir.	回數 Freq. %
一月 Jan.	18	53	6	4	6	6	18	19	34	4	6	—	4	—	2	4	2	N 86° E	25
二月 Feb.	27	44	20	2	5	1	6	12	22	8	4	1	7	1	7	1	—	N 34° E	29
三月 Mar.	36	32	5	1	—	3	14	32	26	15	8	—	4	—	1	7	2	S 67° E	13
四月 April	28	31	9	3	3	—	10	15	35	20	11	3	7	—	1	3	1	S 32° E	10
五月 May	21	10	9	—	2	—	5	25	28	44	12	4	6	2	13	3	2	S 21° W	32
六月 June	7	8	9	—	2	4	8	22	36	30	13	3	15	2	4	1	16	S 11° W	43
七月 July	9	16	9	1	6	1	6	25	31	40	13	2	5	2	6	6	8	S 5° W	35
八月 Aug.	4	39	5	—	4	2	4	16	42	34	14	4	2	3	3	3	7	S 1° W	29
九月 Sept.	7	4	2	2	4	—	4	24	44	35	26	3	5	5	7	5	3	S 17° W	56
十月 Oct.	18	19	13	—	2	1	11	27	31	20	9	2	5	5	9	3	11	S 8° E	18
十一月 Nov.	12	59	23	4	2	3	4	18	24	7	10	1	2	—	1	5	5	N 53° E	29
十二月 Dec.	15	53	31	6	8	3	13	17	16	11	1	1	1	—	1	2	7	N 60° E	41
全年 Annual	202	368	141	23	44	24	103	252	369	268	127	24	63	20	55	43	64	S 26° E	15

月 MONTH.	天氣日數 NUMBER OF DAYS WITH. 降水 Precipitation ≧0.1 mm	≧1.0 mm	雪	霰	雹	電雷	電聲	霧	快晴 Clear	曇天 Cloudy	不照 Sunless	暴風	霜	氣溫 Air Temperature 最低 Min. <-10°	最低 Min. <0°	平均 Mean <0°	最高 Max. <0°	最低 Min. ≧25°	平均 Mean ≧25°	最高 Max. ≧25°	平均 Mean ≧30°	最高 Max. ≧30°	最高 Max. ≧35°	地震回數 No. of obs.
一月 Jan.	3	2	5	—	—	—	—	3	10	5	2	5	14	27	31	30	23	—	—	—	—	—	—	—
二月 Feb.	3	1	3	—	—	—	—	—	11	5	3	1	17	25	28	28	21	—	—	—	—	—	—	—
三月 Mar.	1	1	2	—	1	—	—	—	12	8	—	6	13	3	26	11	1	—	—	—	—	—	—	—
四月 April	7	5	2	—	—	—	—	1	4	9	3	6	6	—	10	—	—	—	—	—	—	—	—	—
五月 May	8	5	—	—	—	3	—	—	3	11	3	2	—	—	—	—	—	—	—	6	—	—	—	—
六月 June	13	7	—	—	1	9	—	—	2	13	1	2	—	—	—	—	—	—	1	20	—	2	—	—
七月 July	9	7	—	—	—	2	—	—	2	6	4	—	—	—	—	—	—	—	8	27	—	9	—	—
八月 Aug.	12	8	—	—	—	—	—	1	2	18	5	—	—	—	—	—	—	1	11	27	—	8	—	—
九月 Sept.	7	6	—	—	—	5	1	—	14	6	1	—	—	—	—	—	—	—	—	19	—	—	—	—
十月 Oct.	5	3	—	—	—	4	—	—	17	1	—	1	8	—	8	—	—	—	—	3	—	—	—	—
十一月 Nov.	6	3	3	—	—	—	—	—	10	6	—	—	11	4	16	11	4	—	—	—	—	—	—	—
十二月 Dec.	5	3	3	1	—	—	—	—	12	4	3	—	17	20	31	29	22	—	—	—	—	—	—	—
全年 Annual	79	51	18	1	2	23	1	5	99	92	25	23	86	79	150	109	71	1	20	102	—	19	—	—

奉天 MUKDEN.

昭和六年 1931

奉天

氣壓 (粍) AIR PRESSURE.(mm) ※(+700 mm)

月 MONTH.	2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	日 Day	最低 Min.	日 Day
一月 Jan.	65.7	65.3	66.0	64.5	65.2	65.4	65.3	**78.0**	8.9	54.2	2
二月 Feb.	67.0	66.9	67.6	66.3	66.6	67.3	66.9	75.7	7	57.6	27
三月 Mar.	61.1	60.6	61.1	59.8	60.0	61.0	60.6	70.7	16	45.9	21
四月 April	57.2	57.5	57.7	56.3	56.0	57.1	57.0	66.5	8	47.2	14
五月 May	53.5	53.9	53.9	52.8	52.5	53.6	53.4	60.8	10	43.5	27
六月 June	49.4	49.6	49.5	48.4	48.3	49.2	**49.1**	55.1	18	41.7	12
七月 July	49.8	50.1	50.2	49.2	49.0	50.1	49.7	55.2	15	**39.0**	1
八月 Aug.	51.7	51.9	52.2	51.3	51.0	51.8	51.7	57.2	28	44.0	27
九月 Sept.	55.0	55.3	55.4	54.2	54.2	55.2	54.9	62.2	15	47.0	11
十月 Oct.	62.2	62.3	62.8	61.5	61.6	62.4	62.1	72.5	10	53.5	6
十一月 Nov.	64.2	63.9	64.8	63.5	64.1	64.4	64.1	73.2	18	54.2	7
十二月 Dec.	67.3	67.2	68.0	66.8	67.0	67.2	**67.3**	74.8	1, 29	56.7	14
全年 Annual	58.7	58.7	59.1	57.9	58.0	58.7	58.5	78.0	8, 9 I	39.0	1 VII

水蒸氣ノ張力 (粍) TENSION OF VAPOUR. (mm)

月 MONTH.	2h	6h	10h	14h	18h	22h	平均 Mean
一月 Jan.	1.4	1.4	1.6	1.7	1.5	1.5	1.5
二月 Feb.	1.4	1.3	1.4	1.2	1.3	1.4	**1.3**
三月 Mar.	2.5	2.4	2.6	2.6	2.5	2.5	2.5
四月 April	4.0	4.2	4.2	3.8	3.9	4.0	4.0
五月 May	7.6	7.6	7.8	7.5	7.5	7.7	7.6
六月 June	12.3	12.6	12.8	12.5	12.6	13.1	12.7
七月 July	15.9	15.8	15.5	15.1	14.9	16.1	15.5
八月 Aug.	18.2	17.7	18.9	19.1	19.4	18.7	**18.7**
九月 Sept.	11.6	10.9	11.7	11.0	12.2	12.0	11.6
十月 Oct.	6.0	5.6	6.2	6.2	6.6	6.3	6.1
十一月 Nov.	3.5	3.3	3.8	3.5	3.6	3.6	3.6
十二月 Dec.	1.8	1.6	1.9	1.9	1.9	1.8	1.8
全年 Annual	7.2	7.0	7.4	7.2	7.3	7.4	7.2

氣溫 (攝氏) AIR TEMPERATURE. (C°)

月 MONTH.	2h	6h	10h	14h	18h	22h	平均 Mean	平均 Mean 最高 Max.	平均 Mean 最低 Min.	平均 Mean 較差 Range	極 Absolute 最高 Max.	極 Absolute 日 Day	極 Absolute 最低 Min.	極 Absolute 日 Day
一月 Jan.	85.1	84.2	88.7	92.6	88.8	86.7	**87.7**	94.0	**81.7**	12.3	3.2	31	**72.7**	10
二月 Feb.	86.6	85.0	90.3	93.8	91.2	88.3	89.2	95.0	83.4	11.6	2.4	21	73.7	7
三月 Mar.	96.7	96.1	3.3	6.6	3.0	98.9	0.8	7.5	94.5	13.0	17.2	29	85.1	1
四月 April	3.0	2.3	9.1	12.0	10.0	5.1	6.9	13.4	0.8	12.6	23.9	27	92.0	8
五月 May	11.2	11.4	18.0	20.3	18.5	13.6	15.5	21.9	9.5	12.4	27.4	31	2.0	1.7
六月 June	16.5	17.5	23.0	25.5	23.5	18.7	20.8	27.0	15.1	11.9	32.8	22	9.8	4
七月 July	19.8	20.4	26.2	28.4	27.1	21.8	**24.0**	**29.4**	18.7	10.7	**34.6**	28	15.2	14
八月 Aug.	20.8	20.7	25.3	27.1	25.5	22.0	23.5	28.1	19.5	**8.6**	33.2	17	12.3	24
九月 Sept.	14.3	13.2	21.2	23.9	19.9	15.8	18.0	24.9	12.4	12.5	29.1	1	4.9	29
十月 Oct.	5.0	3.6	11.8	15.3	10.3	6.4	8.7	16.2	2.8	**13.4**	27.5	4	95.6	29
十一月 Nov.	98.4	97.7	3.7	6.8	2.2	99.4	1.4	7.7	95.9	11.8	18.8	8	86.2	28
十二月 Dec.	88.0	86.8	91.7	95.3	91.2	88.8	90.3	96.3	85.0	11.3	9.5	5	75.6	18
全年 Annual	3.8	3.2	9.4	12.3	9.3	5.5	7.2	13.5	1.6	11.8	34.6	28 VII	72.7	10 I

濕度 (百分率) RELATIVE HUMIDITY. (%)

月 MONTH.	2h	6h	10h	14h	18h	22h	平均 Mean
一月 Jan.	84.8	87.5	74.2	59.6	71.2	81.9	76.5
二月 Feb.	79.1	83.2	60.1	42.5	55.2	72.0	65.3
三月 Mar.	69.7	70.9	43.9	34.9	42.6	59.2	**53.6**
四月 April	69.0	74.5	47.0	36.5	41.1	59.8	54.6
五月 May	76.7	74.6	52.6	44.7	49.0	66.7	60.7
六月 June	87.9	84.2	62.9	53.3	60.3	81.9	71.7
七月 July	92.1	88.2	61.5	53.6	57.3	82.3	72.5
八月 Aug.	97.7	95.9	78.3	71.7	79.5	93.8	**86.2**
九月 Sept.	93.8	94.2	61.4	49.9	69.4	88.0	76.1
十月 Oct.	86.3	88.0	55.1	44.4	65.9	82.5	70.4
十一月 Nov.	79.1	79.9	60.8	44.4	61.9	75.2	66.9
十二月 Dec.	88.6	88.5	73.8	57.2	77.0	86.1	78.5
全年 Annual	83.7	84.1	61.0	49.4	60.9	77.5	69.4

降水量 (粍) AMOUNT OF PRECIPITATION. (mm)

月 MONTH.	22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total	最大 Maximum 二十四時間 in 24h.	日 Day	四時間 in 4h.	日 Day
一月 Jan.	0.0	0.7	2.4	1.6	0.4	1.0	6.1	3.4	22	1.7	22
二月 Feb.	0.0	0.0	0.1	0.1	0.1	0.0	**0.3**	0.2	1	0.1	1, 22
三月 Mar.	2.3	1.9	0.0	0.4	0.0	0.0	4.6	3.4	16	1.8	16
四月 April	2.9	3.6	5.4	5.0	6.1	4.3	27.3	13.1	28	6.1	28
五月 May	15.8	8.2	13.3	7.3	12.6	12.8	70.0	20.7	6	8.1	6
六月 June	4.8	22.8	24.2	14.9	57.3	12.9	136.9	43.8	25	42.3	25
七月 July	2.3	1.7	0.7	7.4	19.5	23.9	55.5	28.4	31	14.1	31
八月 Aug.	45.9	20.5	78.4	45.2	53.5	51.8	**295.3**	**120.4**	9	**46.5**	9
九月 Sept.	12.1	11.1	1.3	23.6	18.2	10.0	76.3	30.7	11	15.0	11
十月 Oct.	1.0	26.7	11.8	0.0	3.8	4.5	47.8	25.5	6	13.9	6
十一月 Nov.	0.1	0.3	0.8	0.0	0.0	0.5	1.7	0.6	17, 25	0.6	17
十二月 Dec.	2.0	3.6	1.5	1.1	4.9	0.6	13.7	8.7	11	4.6	6
全年 Annual	89.2	101.1	139.9	106.6	176.4	122.3	735.5	120.4	9 VIII	46.5	9 VIII

雲量 (自零至十) AMOUNT OF CLOUD.(0-10)

月 MONTH.	6h	10h	14h	18h	22h	平均 Mean
一月 Jan.	4.2	4.2	5.2	3.6	3.7	4.1
二月 Feb.	2.0	3.7	5.0	3.4	1.7	3.2
三月 Mar.	5.1	4.4	5.2	4.1	2.7	4.3
四月 April	5.6	6.3	5.7	5.8	3.7	5.4
五月 May	6.0	5.6	7.3	7.1	5.1	6.2
六月 June	6.4	6.8	8.2	7.5	5.3	6.8
七月 July	5.6	6.4	6.4	5.5	3.4	5.5
八月 Aug.	7.6	7.7	7.8	7.4	5.4	**7.2**
九月 Sept.	4.3	3.9	4.4	3.8	2.9	3.8
十月 Oct.	2.7	3.2	3.4	2.8	2.3	2.9
十一月 Nov.	4.4	4.4	3.6	2.5	2.3	3.4
十二月 Dec.	2.2	2.8	3.1	2.2	2.5	**2.5**
全年 Annual	4.7	5.0	5.4	4.6	3.4	4.6

日照時數 NO. OF HOURS WITH SUNSHINE. / 蒸發量 (粍) EVAPORATION. (mm)

月 MONTH.	日照時數 總計 Total	日照時數 百分率 %	蒸發量 (粍) EVAPORATION. (mm)
一月 Jan.	**177.1**	60	34.7
二月 Feb.	207.1	70	49.4
三月 Mar.	272.6	74	127.7
四月 April	243.6	61	182.3
五月 May	269.4	60	**238.2**
六月 June	267.7	59	195.5
七月 July	**295.7**	64	199.5
八月 Aug.	209.5	49	145.0
九月 Sept.	275.2	74	143.1
十月 Oct.	283.7	83	108.2
十一月 Nov.	196.1	67	**64.5**
十二月 Dec.	201.8	71	**32.4**
全年 Annual	2899.4	65	1529.5

※重力ノ更正 Reduction to standard gravity ……— 0.2
海面ニノ更正 Reduction to mean sea level ……+ 4.1

奉天
MUKDEN.

昭和六年 1931

風速度 (米/秒) VELOCITY OF WIND. (m/sec)

月 MONTH.	2h	6h	10h	14h	18h	22h	最大 Maximum 速度 Vel	方向 Dir.	日 Day	廿四時間平均 Mean for 24h.
一月 Jan.	3.6	3.4	4.3	6.0	4.1	3.8	12.7	SSW	15	4.2
二月 Feb.	3.1	2.5	4.0	5.1	3.6	3.3	13.8	SW	12	3.6
三月 Mar.	3.9	4.2	6.4	7.2	4.8	3.8	16.3	S	21	5.1
四月 April	3.8	3.8	6.3	7.3	6.1	4.1	22.2	SW	12	5.3
五月 May	4.0	4.1	6.7	7.8	6.2	4.2	19.4	SW	8	5.5
六月 June	2.4	2.5	5.5	5.9	4.4	3.1	18.0	SW	2	3.8
七月 July	2.5	2.7	3.9	4.4	4.0	3.0	9.8	SW	29	3.2
八月 Aug.	2.5	2.7	4.0	4.6	2.8	2.9	11.6	WSW	13	3.3
九月 Sept.	2.8	3.0	4.4	5.0	3.1	3.0	11.2	WSW	13	3.5
十月 Oct.	3.2	3.0	4.6	5.5	3.3	3.3	12.3	SW	23	3.8
十一月 Nov.	3.2	3.4	3.6	4.7	3.0	2.9	12.9	SW	22	3.5
十二月 Dec.	3.3	3.4	3.5	4.2	3.0	3.1	11.9	SSW	26	3.3
全年 Annual	3.2	3.2	4.8	5.6	4.0	3.4	22.2	SW	12 IV	4.0

暴風日數 NO. OF DAYS WITH GALES.

月 MONTH.	強風 10-15 m/sec	烈風 15-29 m/sec	颶風 ≧29 m/sec	合計 Sum
一月 Jan.	4	—	—	4
二月 Feb.	2	—	—	2
三月 Mar.	13	1	—	14
四月 April	5	5	—	10
五月 May	13	3	—	16
六月 June	6	1	—	7
七月 July	—	—	—	—
八月 Aug.	1	—	—	1
九月 Sept.	2	—	—	2
十月 Oct.	6	—	—	6
十一月 Nov.	1	—	—	1
十二月 Dec.	3	—	—	3
全年 Annual	56	10	—	66

上層雲 UPPER CLOUD.

月 MONTH.	平均 Resultant 方向 Dir.	回數 Freq. %
一月 Jan.	N 67° W	100
二月 Feb.	N 78° W	89
三月 Mar.	N 68° W	94
四月 April	N 85° W	92
五月 May	N 86° W	99
六月 June	N 85° W	97
七月 July	N 68° W	96
八月 Aug.	N 85° W	99
九月 Sept.	W	100
十月 Oct.	W	100
十一月 Nov.	W	100
十二月 Dec.	W	100
全年 Annual	N 83° W	93

各風向觀測回數 FREQUENCY OF WIND FROM.

月 MONTH.	北 N	北北東 NNE	北東 NE	東北東 ENE	東 E	東南東 ESE	南東 SE	南南東 SSE	南 S	南南西 SSW	南西 SW	西南西 WSW	西 W	西北西 WNW	北西 NW	北北西 NNW	靜穩 Calm
一月 Jan.	23	33	11	7	7	5	7	5	18	13	16	5	5	5	7	14	5
二月 Feb.	24	32	12	5	5	3	4	6	3	14	8	7	14	3	10	12	6
三月 Mar.	17	20	12	3	5	5	6	12	21	19	15	9	6	7	11	18	—
四月 April	15	22	12	2	2	4	2	8	13	15	24	12	23	5	7	12	2
五月 May	10	28	7	5	—	1	4	3	25	23	21	18	10	8	12	9	2
六月 June	5	13	3	5	13	7	5	22	19	20	35	9	12	1	3	2	6
七月 July	6	19	14	8	9	8	8	11	20	21	19	14	7	6	5	7	4
八月 Aug.	7	24	6	2	4	8	15	8	23	32	29	8	3	1	4	4	8
九月 Sept.	5	1	—	3	1	5	4	15	32	15	33	16	24	12	8	4	2
十月 Oct.	10	9	5	4	2	—	9	10	28	22	18	4	13	14	20	17	1
十一月 Nov.	26	28	1	13	3	—	12	12	23	12	9	2	7	8	10	10	4
十二月 Dec.	14	38	4	16	12	20	11	5	11	7	9	4	5	11	4	11	4
全年 Annual	162	267	87	73	63	66	87	117	236	213	236	108	129	81	101	120	44

風 WIND.

月 MONTH.	平均 Resultant 方向 Dir.	回數 Freq. %
一月 Jan.	N 9° E	16
二月 Feb.	N 9° W	30
三月 Mar.	N 82° W	9
四月 April	N 85° W	23
五月 May	S 76° W	25
六月 June	S 11° W	38
七月 July	S 5° W	15
八月 Aug.	S 8° W	30
九月 Sept.	S 43° W	56
十月 Oct.	S 68° W	28
十一月 Nov.	N 5° E	9
十二月 Dec.	N 51° E	26
全年 Annual	S 59° W	11

天氣日數 NUMBER OF DAYS WITH.

月 MONTH.	降水 Precipitation ≧0.1 mm	降水 ≧1.0 mm	雪 ✳	霧 △	霧 ▲	電雷	電聲 T°	霧 ≡	快晴 Clear	曇天 Cloudy	不照 Sunless	暴風	霜
一月 Jan.	4	2	9	2	—	—	—	1	11	6	3	4	18
二月 Feb.	2	—	4	1	—	—	—	—	11	2	2	2	18
三月 Mar.	3	1	3	1	—	—	—	—	8	6	—	14	14
四月 April	5	3	3	—	—	—	—	1	6	9	2	10	8
五月 May	11	8	—	—	—	2	3	1	3	12	3	16	1
六月 June	15	10	—	—	1	7	2	—	1	10	1	7	—
七月 July	12	9	—	—	—	3	3	3	5	8	3	—	—
八月 Aug.	13	10	—	—	—	3	2	—	2	17	5	1	—
九月 Sept.	9	6	—	—	1	4	—	1	14	6	—	2	—
十月 Oct.	4	4	2	—	1	2	—	—	16	3	—	6	16
十一月 Nov.	3	—	3	1	—	—	—	—	11	3	2	1	21
十二月 Dec.	2	2	3	—	—	—	—	1	17	4	3	3	29
全年 Annual	83	55	27	5	3	21	10	8	105	86	24	66	125

氣溫 Air Temperature

月 MONTH.	最低 Min. <90°	最低 Min. <0°	平均 Mean <0°	最高 Max. <0°	最低 Min. ≧25°	平均 Mean ≧25°	最高 Max. ≧25°	平均 Mean ≧30°	最高 Max. ≧30°	最高 Max. ≧35°	地震回數 No. of obs.
一月 Jan.	30	31	31	26	—	—	—	—	—	—	—
二月 Feb.	27	28	28	23	—	—	—	—	—	—	—
三月 Mar.	4	28	13	3	—	—	—	—	—	—	—
四月 April	—	15	—	—	—	—	—	—	—	—	—
五月 May	—	—	—	—	—	—	8	—	—	—	—
六月 June	—	—	—	—	—	2	21	—	10	—	—
七月 July	—	—	—	—	—	7	28	—	15	—	—
八月 Aug.	—	—	—	—	—	10	27	—	11	—	—
九月 Sept.	—	—	—	—	—	—	17	—	—	—	—
十月 Oct.	—	10	2	—	—	—	3	—	—	—	—
十一月 Nov.	—	20	12	7	—	—	—	—	—	—	—
十二月 Dec.	27	31	29	24	—	—	—	—	—	—	—
全年 Annual	97	163	115	83	—	19	104	—	36	—	—

長　春
CHANGCHUN.

昭　和　六　年　　1931

長春

月 MONTH.	氣壓 (粍) AIR PRESSURE (mm) ※ (+700 mm) 2h	6h	10h	14h	18h	22h	平均 Mean	最高 Max.	日 Day	最低 Min.	日 Day	水蒸氣ノ張力 (粍) TENSION OF VAPOUR. (mm) 2h	6h	10h	14h	18h	22h	平均 Mean
一月 Jan.	47.6	47.4	47.9	47.1	47.3	47.4	47.5	**59.1**	7	37.3	2	0.9	0.8	1.0	1.1	1.0	1.1	**0.9**
二月 Feb.	48.8	48.6	49.2	48.6	48.9	49.2	48.9	58.8	11	38.7	27	0.7	0.7	1.0	1.1	0.9	0.8	**0.9**
三月 Mar.	43.3	43.2	43.1	42.1	42.6	43.0	42.9	52.7	16	**25.1**	21	2.0	2.1	2.5	2.5	2.2	2.1	2.2
四月 April	39.7	40.0	40.1	38.9	38.9	39.7	39.5	47.6	8	32.6	20	3.4	3.4	3.8	3.5	3.3	3.6	3.5
五月 May	37.4	37.5	37.6	36.8	36.7	37.5	37.3	44.4	3	28.3	27	6.4	6.7	7.7	7.2	7.1	7.0	7.0
六月 June	33.7	34.0	33.9	33.2	32.9	33.5	**33.6**	39.9	18	26.4	12	11.8	12.1	12.6	12.9	13.2	12.5	12.5
七月 July	35.1	35.4	35.3	34.5	34.3	35.1	34.9	39.6	14	26.7	1	13.4	13.5	15.3	15.0	15.3	14.4	14.5
八月 Aug.	36.5	36.7	36.8	36.4	36.2	36.8	36.6	42.7	23. 24	30.3	13	14.8	15.1	15.5	15.5	16.2	15.7	**15.5**
九月 Sept.	38.6	38.7	38.6	37.9	38.1	38.8	38.4	46.1	15	29.9	12	9.9	9.9	12.4	12.2	11.0	10.0	10.9
十月 Oct.	44.8	44.5	44.8	44.0	44.3	44.8	44.5	55.3	10	35.7	6	4.4	4.4	5.1	4.7	4.7	4.5	4.6
十一月 Nov.	47.3	46.9	47.5	46.7	47.2	47.5	47.2	56.2	26	37.3	7	2.6	2.7	2.9	2.6	2.7	2.5	2.7
十二月 Dec.	49.6	49.4	50.1	49.1	49.5	49.5	**49.5**	58.4	22	40.3	14	1.2	1.1	1.4	1.5	1.5	1.3	1.4
全年 Annual	41.9	41.9	42.1	41.3	41.4	41.9	41.7	59.1	7 I	25.1	21 III	6.0	6.0	6.8	6.7	6.6	6.3	6.4

月 MONTH.	氣溫 (攝氏) AIR TEMPERATURE. (C°) 2h	6h	10h	14h	18h	22h	平均 Mean	平均 Mean 最高 Max.	最低 Min.	較差 Range	極 Absolute 最高 Max.	日 Day	最低 Min.	日 Day	濕度 (百分率) RELATIVE HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean
一月 Jan.	80.3	78.6	82.5	85.5	82.6	81.3	**81.8**	88.4	**75.2**	13.2	98.3	4	**64.3**	10	76.9	78.2	74.6	65.4	71.6	76.1	73.8
二月 Feb.	79.8	78.8	84.9	87.9	84.2	81.3	82.8	89.0	76.5	12.5	97.2	21	68.8	7	69.9	71.7	68.4	58.9	61.2	67.5	66.3
三月 Mar.	94.1	93.3	99.8	2.8	99.4	96.2	97.6	3.8	91.4	12.4	14.7	15	80.3	1	65.6	70.2	53.4	41.9	48.5	60.3	56.7
四月 April	0.9	0.1	7.0	9.3	6.6	2.7	4.5	10.7	98.9	11.8	23.7	27	92.6	4	66.7	70.1	49.6	40.0	41.7	60.6	**55.1**
五月 May	9.1	8.9	16.5	18.3	17.2	11.6	13.6	19.6	6.7	12.8	26.6	20	0.5	10	73.9	77.9	55.6	48.1	49.3	67.7	62.1
六月 June	15.3	15.5	21.9	23.9	21.6	17.3	19.3	25.6	14.0	11.6	32.2	22	9.0	12	90.6	91.2	65.5	59.5	70.1	84.8	76.9
七月 July	17.7	17.8	25.4	27.5	24.8	20.1	**22.2**	**28.7**	16.4	12.2	**33.7**	29. 30	13.9	20	88.9	89.0	64.5	56.0	67.1	82.9	74.8
八月 Aug.	18.6	18.6	24.6	26.5	23.7	20.4	22.1	27.7	17.3	**10.4**	32.8	16	7.3	24	90.5	92.4	66.6	60.3	73.4	86.6	78.3
九月 Sept.	12.5	12.1	20.1	21.7	17.5	13.8	16.3	23.1	10.7	12.5	29.8	22	4.2	29	89.6	92.3	69.9	62.6	73.4	83.9	**78.6**
十月 Oct.	3.4	2.6	10.6	13.0	8.1	5.0	7.1	14.2	0.5	**13.7**	25.7	5	91.8	27	70.3	73.4	50.4	38.5	54.4	64.4	58.6
十一月 Nov.	95.3	94.6	1.3	3.7	99.0	96.3	98.4	4.8	92.8	12.0	17.0	2	83.5	26	71.9	76.1	54.9	40.9	58.3	66.3	61.4
十二月 Dec.	84.4	83.4	88.1	91.7	87.7	85.7	86.8	92.5	81.5	11.0	6.5	5	74.9	23	81.9	84.4	72.5	59.8	77.0	79.3	75.8
全年 Annual	0.9	0.4	6.9	9.3	6.0	2.6	4.4	10.7	98.5	12.2	33.7	29.30 VII	64.3	10 I	78.1	80.6	62.2	52.7	62.4	73.4	68.2

月 MONTH.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Total	最大 Maximum 二十四時間 in 24h.	日 Day	四時間 in 4h.	日 Day	雲量 (自零至十) AMOUNT OF CLOUD. (0-10) 6h	10h	14h	18h	22h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE. 總計 Total	百分率 %	蒸發量 (粍) EVAPORATION. (mm)
一月 Jan.	0.6	2.7	3.7	3.6	2.4	2.1	**15.1**	5.1	22	1.8	22	2.3	4.9	3.5	3.4	3.1	3.4	**176.9**	61	**15.1**
二月 Feb.	0.1	0.5	1.0	0.7	0.5	0.2	3.0	1.5	27	0.6	27	2.2	4.5	4.1	3.9	1.8	3.3	216.3	74	23.5
三月 Mar.	0.3	5.1	3.1	0.5	0.0	0.3	9.3	5.4	16	5.1	16	3.9	4.7	4.3	4.3	2.6	4.0	270.9	74	79.8
四月 April	4.6	7.5	2.5	5.2	2.6	6.7	29.1	11.2	15	5.5	15	5.1	6.9	7.1	5.1	3.2	5.5	227.1	56	139.3
五月 May	12.5	11.6	6.1	18.5	4.0	13.7	66.4	10.7	21	6.6	26	6.0	6.0	7.1	6.5	6.1	6.3	259.6	57	**226.8**
六月 June	7.4	22.0	25.4	1.6	75.9	35.6	**167.9**	28.6	6	22.1	6	6.7	7.9	7.4	7.1	5.7	**6.9**	235.5	51	**226.8**
七月 July	13.4	23.1	2.3	4.4	15.4	7.3	65.9	13.0	22	13.0	22	5.1	4.4	4.7	5.8	3.6	4.7	**314.9**	68	220.3
八月 Aug.	9.6	17.8	3.0	49.3	28.0	6.9	114.6	**35.4**	13	**34.0**	13	4.8	5.9	5.7	4.6	3.6	4.9	264.9	61	156.2
九月 Sept.	7.8	7.0	2.4	1.7	15.3	7.9	42.1	16.2	27	9.5	27	4.4	4.8	5.9	5.0	3.9	4.8	223.3	60	147.3
十月 Oct.	3.7	2.2	0.0	0.7	1.8	1.8	10.2	3.2	25	3.2	25	3.4	2.9	3.7	4.4	2.6	3.4	254.9	75	137.3
十一月 Nov.	—	0.3	1.6	0.4	0.1	0.3	**2.7**	1.9	23	1.6	23	3.1	3.7	3.1	1.8	1.8	2.7	204.7	71	60.3
十二月 Dec.	0.2	0.1	0.7	2.6	4.2	2.2	10.0	5.0	11	2.6	11	1.9	2.9	3.1	1.9	1.2	2.2	208.4	75	21.3
全年 Annual	60.2	99.9	51.8	89.2	150.2	85.0	536.3	35.4	13 VIII	34.0	13 VIII	4.1	5.0	5.0	4.5	3.3	4.4	2857.1	64	1394.8

※重力ノ更正　Reduction to standard gravity ……— 0.1
海面ヘノ更正　Reducti n to mean sea level ……+ 19.9

長　春

昭和六年　**CHANGCHUN.**　1931

月 MONTH.	風速度 (米/秒) VELOCITY OF WIND. (m/sec) 2h	6h	10h	14h	18h	22h	最大 Maximum 速度 Vel.	方向 Dir.	日 Day	廿四時間平均 Mean for 24h.	暴風日數 NO. OF DAYS WITH GALES. 強風 10-15 m/sec	烈風 15-29 m/sec	颶風 ≧29 m/sec	合計 Sum	上層雲 UPPER CLOUD. 平均 Resultant 方向 Dir.	回數 Freq. %
一月 Jan.	2.8	2.3	3.7	4.5	2.4	3.1	9.9	SW	30	2.8	—	—	—	—	—	—
二月 Feb.	2.4	2.4	3.2	3.9	2.0	2.4	8.5	N	27	2.5	—	—	—	—	—	—
三月 Mar.	3.1	3.3	4.5	5.3	3.3	3.6	11.7	SW	21	3.5	2	—	—	2	S 60° W	93
四月 April	2.4	2.6	4.3	5.7	4.3	3.2	13.7	WSW	20	3.8	3	—	—	3	W	100
五月 May	2.7	2.8	4.2	4.5	3.3	2.4	11.7	NW	10	3.2	3	—	—	3	W	100
六月 June	1.6	1.8	2.9	2.5	2.1	1.7	7.6	WSW	23	1.8	—	—	—	—	S 63° W	75
七月 July	1.3	1.7	3.2	3.4	2.4	1.3	6.4	W	19	1.9	—	—	—	—	NE	100
八月 Aug.	1.3	1.5	2.9	3.1	1.8	1.5	5.9	S	8	1.7	—	—	—	—	—	—
九月 Sept.	1.9	1.9	2.9	3.3	1.6	1.7	7.6	W	16	2.1	—	—	—	—	S 61° W	73
十月 Oct.	2.5	2.5	3.9	3.7	1.9	2.2	9.9	W	16	2.7	—	—	—	—	W	100
十一月 Nov.	2.2	2.4	3.6	3.7	1.8	1.9	11.2	WSW	22	2.5	1	—	—	1	W	100
十二月 Dec.	2.2	2.1	2.4	3.0	2.2	2.5	9.9	NNE.N	19.20	2.3	—	—	—	—	W	100
全年 Annual	2.2	2.3	3.5	3.9	2.4	2.3	13.7	WSW	20 IV	2.6	9	—	—	9	S 81° W	78

月 MONTH.	各風向觀測回數 FREQUENCY OF WIND FROM. 北 N	北北東 NNE	北東 NE	東北東 ENE	東 E	東南東 ESE	南東 SE	南南東 SSE	南 S	南南西 SSW	南西 SW	西南西 WSW	西 W	西北西 WNW	北西 NW	北北西 NNW	靜穩 Calm	風 WIND. 平均 Resultant 方向 Dir.	回數 Freq %
一月 Jan.	11	3	16	6	4	—	2	1	17	14	30	17	28	9	20	5	3	S 82° W	39
二月 Feb.	11	1	6	5	3	2	1	—	15	5	14	14	48	11	18	7	7	N 86° W	50
三月 Mar.	11	3	7	2	—	—	2	3	17	21	28	16	23	13	30	6	4	S 80° W	49
四月 April	23	6	8	4	—	—	5	—	5	3	31	25	30	10	18	3	9	N 82° W	47
五月 May	14	8	26	10	6	3	4	2	3	9	25	15	27	3	20	8	3	N 57° W	25
六月 June	8	4	8	3	8	3	8	3	21	11	32	15	23	5	8	4	16	S 51° W	34
七月 July	12	—	22	9	34	5	14	4	24	6	21	4	15	3	6	—	7	S 51° E	34
八月 Aug.	7	2	17	2	8	2	1	—	20	39	41	4	15	1	2	3	22	S 34° W	40
九月 Sept.	4	—	4	—	—	—	3	3	22	19	54	12	31	5	3	—	20	S 49° W	65
十月 Oct.	11	—	2	—	—	—	—	—	6	19	49	11	45	10	23	6	4	S 79° W	68
十一月 Nov.	4	8	21	6	3	2	5	2	10	16	19	16	36	5	14	8	5	S 87° W	31
十二月 Dec.	6	6	5	2	1	—	3	4	9	24	42	28	18	11	15	9	3	S 68° W	55
全年 Annual	122	41	142	49	67	17	48	22	169	186	386	177	339	86	177	59	103	S 72° W	38

月 MONTH.	天氣日數 NUMBER OF DAYS WITH. 降水 Precipitation ≧0.1 mm	≧1.0 mm	雪	霧凇	雹	電雷	電聲	霧	快晴 Clear	曇天 Cloudy	不照 Sunless	暴風	霜	氣溫 Air Temperature 最低 Min. <90°	最低 Min. <0°	平均 Mean <0°	最高 Max. <0°	最低 Min. ≧25°	平均 Mean ≧25°	最高 Max. ≧25°	平均 Mean ≧30°	最高 Max. ≧30°	最高 Max. ≧35°	地震回數 No. of obs.
一月 Jan.	12	3	13	—	—	—	—	—	12	6	5	—	28	31	31	31	31	—	—	—	—	—	—	—
二月 Feb.	5	1	6	—	—	—	—	—	10	4	4	—	25	28	28	28	28	—	—	—	—	—	—	—
三月 Mar.	3	2	4	1	—	—	—	—	11	8	2	2	20	10	29	22	7	—	—	—	—	—	—	—
四月 April	8	6	5	1	—	—	1	—	2	9	6	3	9	—	18	7	—	—	—	—	—	—	—	—
五月 May	16	12	1	—	—	1	2	—	4	13	4	3	—	—	—	—	—	—	—	2	—	—	—	—
六月 June	16	15	—	—	1	5	1	1	3	14	2	—	—	—	—	—	—	—	1	17	—	5	—	—
七月 July	11	10	—	—	—	5	1	—	6	8	2	—	—	—	—	—	—	—	4	27	—	11	—	—
八月 Aug.	15	11	—	—	—	—	—	—	8	10	2	—	—	—	—	—	—	—	6	26	—	8	—	—
九月 Sept.	15	9	—	1	1	2	1	—	9	8	5	—	—	—	—	—	—	—	—	11	—	—	—	—
十月 Oct.	8	4	4	—	—	—	—	—	13	5	1	—	12	—	15	3	2	—	—	—	—	—	—	—
十一月 Nov.	3	1	3	—	—	—	—	—	14	4	—	1	19	13	25	14	11	—	—	—	—	—	—	—
十二月 Dec.	8	3	7	—	—	—	—	—	18	3	2	—	29	30	31	30	29	—	—	—	—	—	—	—
全年 Annual	120	77	43	3	2	13	6	1	110	92	35	9	142	112	177	135	108	—	11	83	—	24	—	—

旅順

昭和六年 **RYOJUN.** 1931

旅順

月 MONTH.	氣壓 (粍) AIR PRESSURE. (mm) ※(+700 mm) 5h	13h	21h	平均 Mean	最高 Max.	日 Day	最低 Min.	日 Day	水蒸氣ノ張力 (粍) TENSION OF VAPOUR. (mm) 5h	13h	21h	平均 Mean
一月 Jan.	62.2	61.9	62.6	62.2	**72.9**	9	53.7	2	2.2	2.2	2.1	2.2
二月 Feb.	63.7	63.6	64.3	63.9	72.8	7	54.0	1	1.9	1.8	1.9	**1.9**
三月 Mar.	58.6	58.3	58.5	58.5	69.1	1	45.9	21	3.4	3.5	3.4	3.4
四月 April	55.1	55.5	55.7	55.4	64.8	8	43.7	15	4.7	4.4	4.4	4.5
五月 May	52.0	52.2	52.0	52.1	59.1	3	43.3	14	7.7	7.6	7.5	7.6
六月 June	47.2	47.4	47.1	**47.2**	52.1	1	40.0	12	12.4	12.8	12.7	12.6
七月 July	48.0	48.2	48.3	48.2	54.1	15	32.2	1	15.4	16.1	15.6	15.7
八月 Aug.	49.3	49.5	49.5	49.5	55.7	28	41.6	26	18.1	18.7	18.5	**18.4**
九月 Sept.	53.5	53.5	53.6	53.5	59.3	16	47.9	3	13.0	13.4	13.2	13.2
十月 Oct.	60.5	60.3	60.6	60.5	69.7	10	50.2	6	7.4	6.8	7.0	7.0
十一月 Nov.	61.2	61.1	61.7	61.3	71.5	18	53.8	7	5.1	5.1	4.8	5.0
十二月 Dec.	64.2	64.0	64.5	**64.2**	71.3	18	56.4	14	2.7	3.0	2.8	2.8
全年 Annual	56.3	56.3	56.5	56.4	72.9	9 I	32.2	1 VII	7.8	7.9	7.8	7.9

月 MONTH.	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	平均 Mean 最高 Max.	最低 Min.	較差 Range	極 Absolute 最高 Max.	日 Day	最低 Min.	日 Day	濕度 (百分率) RELATIVE HUMIDITY. (%) 5h	13h	21h	平均 Mean
一月 Jan.	94.8	97.7	95.1	95.9	99.6	91.5	8.1	6.6	31	**80.7**	9	64.2	52.2	58.7	58.4
二月 Feb.	93.7	97.4	94.2	**95.1**	99.2	**90.8**	8.4	5.7	22	81.8	7	60.1	44.0	59.2	**54.4**
三月 Mar.	0.7	6.0	1.5	2.7	7.7	98.3	9.3	**16.3**	29	93.0	8. 18	67.9	48.6	64.3	60.2
四月 April	5.9	10.1	6.4	7.5	12.3	3.1	9.1	18.2	30	96.2	4	65.6	48.9	60.4	58.3
五月 May	12.2	17.2	13.1	14.1	19.3	9.9	**9.4**	26.4	31	6.0	8	73.3	53.8	**67.4**	64.8
六月 June	16.9	21.8	17.8	18.8	24.0	14.8	9.3	29.1	21	9.7	11	86.2	67.3	83.5	79.0
七月 July	19.4	24.0	20.3	21.2	25.9	18.2	7.8	**30.5**	28	15.6	1	92.0	72.8	88.5	84.4
八月 Aug.	21.9	26.0	22.7	**23.5**	**27.1**	20.7	**6.5**	30.1	5. 21	16.3	26	91.9	75.1	90.3	**85.8**
九月 Sept.	18.3	23.5	18.9	20.2	24.8	16.7	8.1	27.9	6	9.3	29	81.6	61.0	79.6	74.0
十月 Oct.	11.5	16.8	12.5	13.6	18.3	9.4	8.9	24.9	6	1.6	26	67.9	44.3	60.0	57.4
十一月 Nov.	6.1	9.5	6.1	7.2	11.2	3.3	7.9	18.8	1	93.7	18	67.2	55.2	66.2	62.9
十二月 Dec.	98.1	0.9	98.3	99.1	3.0	95.1	7.9	10.6	5	87.0	18	63.5	58.5	63.7	61.9
全年 Annual	8.3	12.6	8.9	9.9	14.4	6.0	8.4	30.5	28 VII	80.7	9 I	73.5	56.8	70.2	66.8

月 MONTH.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total	最大 Maximum 二十四時間 in 24h.	日 Day	八時間 in 4h.	日 Day	雲量 (自零至十) AMOUNT OF CLOUD. (0-10) 5h	13h	21h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE. 總計 Total	百分率 %	蒸發量 (粍) EVAPORATION. (mm)
一月 Jan.	3.0	8.6	0.8	12.4	6.7	22	6.7	22	4.1	5.2	4.1	4.4	181.0	60	**47.3**
二月 Feb.	0.8	0.4	1.2	**2.4**	1.2	8	1.2	8	3.1	5.2	3.9	4.0	181.2	60	48.2
三月 Mar.	6.1	2.8	0.0	8.9	4.7	31	4.6	31	3.3	4.4	2.4	3.4	273.9	74	109.3
四月 April	1.3	5.9	0.4	7.6	3.0	4	3.0	4	6.1	5.7	4.0	5.3	258.1	65	140.0
五月 May	33.9	11.3	4.7	49.9	18.2	6	15.2	6	6.3	4.3	4.3	5.0	**295.6**	67	**181.5**
六月 June	29.7	52.4	10.6	92.7	40.3	27	30.9	27	6.3	7.2	6.5	6.6	239.8	54	150.4
七月 July	29.6	26.6	23.2	79.4	46.0	1	20.8	8	5.8	6.6	4.3	5.6	290.2	64	159.6
八月 Aug.	52.1	94.5	46.5	**193.1**	**56.9**	14	**38.2**	14	8.1	7.3	6.3	**7.2**	206.1	49	140.5
九月 Sept.	1.8	33.8	16.5	52.1	29.4	2	18.9	2	3.9	3.8	3.0	3.6	271.3	73	137.7
十月 Oct.	0.6	2.3	0.5	3.4	2.1	16	1.5	16	3.1	2.9	2.9	**3.0**	259.6	75	136.5
十一月 Nov.	5.4	3.3	50.3	59.0	27.2	4	27.2	4	4.8	5.9	4.8	**5.2**	164.5	55	76.4
十二月 Dec.	3.7	9.6	6.2	19.5	5.2	8	3.8	11	3.5	5.2	3.5	4.0	**156.5**	53	51.1
全年 Annual	168.0	251.5	160.9	580.4	56.9	14 VIII	38.2	14 VIII	4.9	5.3	4.2	4.8	2778.6	63	1378.5

※重力ノ更正 Reduction to standard gravity ……— 0.4
海面ヘノ更正 Reduction to mean sea level ……+ 7.3

月 MONTH.	風速度 (米秒) VELOCITY OF WIND. (m/sec) 5h	13h	21h	最大 Maximum 速度 Vel.	方向 Dir.	日 Day	廿四時間平均 Mean for 24h.	暴風日數 NO. OF DAYS WITH GALES. 強風 10-15 m/sec	烈風 15-29 m/sec	颶風 ≧29 m/sec	合計 Sum	上層雲 UPPER CLOUD. 平均 Resultant 方向 Dir.	回數 Freq. %
一月 Jan.	5.3	6.7	5.1	15.9	NW	14	5.9	14	3	—	17	W	100
二月 Feb.	3.8	5.7	3.2	12.5	ENE	27	4.1	8	—	—	8	S 79° W	97
三月 Mar.	4.2	6.1	3.2	13.4	W	10	4.5	9	—	—	9	S 68° W	92
四月 April	4.1	6.3	3.2	16.7	NNE	10	4.8	10	2	—	12	W	100
五月 May	4.0	5.6	3.3	16.3	NW	16	4.5	7	1	—	8	N 83° W	95
六月 June	2.1	3.8	2.3	9.9	WSW	11	2.8	—	—	—	—	W	95
七月 July	2.4	3.6	1.9	14.4	ENE	1	2.5	2	—	—	2	N 38° W	69
八月 Aug	2.2	3.5	2.3	11.4	NNW	27	2.7	2	—	—	2	S 86° W	68
九月 Sept.	2.6	5.5	2.3	13.4	W	29	3.4	6	—	—	6	—	—
十月 Oct.	2.2	5.4	2.9	14.2	WNW	24	3.3	6	—	—	6	—	—
十一月 Nov.	4.6	5.4	3.7	15.4	NE	17	4.3	9	1	—	10	S 45° W	100
十二月 Dec.	4.3	6.3	4.3	15.8	N	11	4.9	8	1	—	9	—	—
全年 Annual	3.5	5.3	3.1	16.7	NNE	10 IV	4.0	81	8	—	89	W	85

月 MONTH.	各風向觀測回數 FREQUENCY OF WIND FROM. 北 N	北北東 NNE	北東 NE	東北東 ENE	東 E	東南東 ESE	南東 SE	南南東 SSE	南 S	南南西 SSW	南西 SW	西南西 WSW	西 W	西北西 WNW	北西 NW	北北西 NNW	靜穩 Calm	風 WIND. 平均 Resultant 方向 Dir.	回數 Freq. %
一月 Jan.	6	2	5	22	3	2	—	3	4	3	7	3	7	10	10	2	4	N 8° W	18
二月 Feb.	3	3	10	24	1	—	2	5	4	2	1	2	5	11	4	3	4	N 34° E	27
三月 Mar.	6	1	6	11	—	2	2	16	11	4	—	1	12	8	6	4	3	S 31° W	7
四月 April	9	6	5	2	1	4	14	4	3	3	3	4	12	9	5	4	2	N 60° W	11
五月 May	4	1	2	1	1	1	23	11	7	—	3	8	15	4	3	5	4	S 17° W	27
六月 June	4	—	2	—	4	17	16	14	6	3	3	4	5	4	1	2	5	S 32° E	44
七月 July	4	—	3	2	2	9	4	18	7	—	—	9	11	7	2	—	15	S 8° W	24
八月 Aug.	2	5	4	4	3	3	13	11	16	2	1	1	2	2	2	5	17	S 40° E	30
九月 Sept.	3	1	1	1	1	5	7	8	5	2	4	11	15	9	2	3	12	S 57° E	32
十月 Oct.	2	4	11	1	—	—	6	3	4	5	1	6	13	10	3	2	22	N 80° W	19
十一月 Nov.	4	5	5	19	5	1	1	6	1	2	2	7	8	8	8	3	5	N 4° E	19
十二月 Dec.	13	3	14	17	5	1	1	1	1	5	2	—	4	6	11	5	4	N 17° E	42
全年 Annual	60	31	68	104	26	45	89	100	69	31	27	56	100	88	57	38	97	S 7° W	2

月 MONTH.	天氣日數 NUMBER OF DAYS WITH. 降水 Precipitation ≧0.1 mm	≧1.0 mm	雪	霰	雹	電雷	電聲	霧	快晴 Clear	曇天 Cloudy	不照 Sunless	暴風	霜	氣溫 Air Temperature 最低 Min. <0°	最低 Min. <0°	平均 Mean <0°	最高 Max. <0°	最低 Min. ≧25°	平均 Mean ≧25°	最高 Max. ≧25°	平均 Mean ≧30°	最高 Max. ≧30°	最高 Max. ≧35°	地震回數 No. of obs.
一月 Jan.	4	3	7	—	—	—	—	—	9	5	2	17	13	11	31	24	12	—	—	—	—	—	—	...
二月 Feb.	3	2	4	—	—	—	—	1	10	8	4	8	17	11	28	27	13	—	—	—	—	—	—	...
三月 Mar.	3	3	4	1	—	—	—	1	12	3	—	9	9	—	20	6	—	—	—	—	—	—	—	...
四月 April	4	3	2	—	—	—	—	3	3	7	—	12	2	—	5	—	—	—	—	—	—	—	—	...
五月 May	8	6	—	—	—	2	—	4	6	8	2	8	—	—	—	—	—	—	—	3	—	—	—	...
六月 June	8	6	—	—	—	8	—	9	3	4	1	—	—	—	—	—	—	—	—	12	—	—	—	...
七月 July	7	4	—	—	—	—	—	4	7	8	3	2	—	—	—	—	—	—	—	17	—	2	—	...
八月 Aug.	13	9	—	—	—	2	—	6	2	17	6	2	—	—	—	—	—	—	7	25	—	2	—	...
九月 Sept.	9	5	—	—	—	3	—	—	14	6	1	6	—	—	—	—	—	—	—	18	—	—	—	...
十月 Oct.	3	1	—	1	—	—	1	—	17	4	—	6	—	—	—	—	—	—	—	—	—	—	—	...
十一月 Nov.	7	4	1	2	—	—	—	—	8	8	2	10	1	—	10	4	—	—	—	—	—	—	—	...
十二月 Dec.	6	5	4	—	—	—	—	—	12	6	5	9	10	3	26	19	7	—	—	—	—	—	—	...
全年 Annual	75	51	22	4	—	15	1	28	103	94	26	89	52	25	120	80	32	—	7	75	—	4	—	...

鞍山
ANSHAN.

昭和六年 1931

鞍山

月 MONTH.	氣壓 (粍) AIR PRESSURE. (mm) ※ (+700'mm) 5h	13h	21h	平均 Mean	最高 Max.	日 Day	最低 Min.	日 Day	水蒸氣ノ張力 (粍) TENSION OF VAPOUR. (mm) 5h	13h	21h	平均 Mean
一月 Jan.	66.3	65.8	66.3	66.1	**79.2**	9	55.7	1	1.7	1.8	1.7	1.7
二月 Feb.	67.5	67.8	68.0	67.8	75.5	7	57.4	1	1.5	1.2	1.4	**1.4**
三月 Mar.	61.6	61.3	61.8	61.6	71.1	17	49.6	21	2.8	2.7	3.2	2.9
四月 April	58.3	58.0	58.2	58.2	66.9	8	47.8	14	4.0	3.8	4.1	4.0
五月 May	54.7	54.7	54.4	54.6	62.8	7	45.2	27	7.0	6.8	6.9	6.9
六月 June	50.4	49.8	50.6	**50.3**	55.5	18	43.5	12	11.2	11.5	12.2	11.7
七月 July	50.9	50.6	51.1	50.9	55.8	15	**40.7**	1	**14.4**	14.2	15.5	14.7
八月 Aug.	52.6	53.1	52.9	52.9	58.0	28	47.0	19	16.3	16.4	17.4	**16.7**
九月 Sept.	56.1	56.0	56.3	56.1	62.5	15	49.3	11	10.0	9.7	11.0	10.3
十月 Oct.	63.7	63.4	64.0	63.7	73.2	10	54.6	6	5.2	5.0	5.6	5.2
十一月 Nov.	65.0	65.1	65.7	65.3	74.6	18	55.5	6	3.6	3.3	3.6	3.5
十二月 Dec.	68.6	68.8	68.5	**68.6**	75.6	23	58.5	14	1.7	1.9	1.9	1.8
全年 Annual	59.6	59.5	59.8	59.7	79.2	9 I	40.7	1 VII	6.6	6.5	7.0	6.7

月 MONTH.	氣溫 (攝氏) AIR TEMPERATURE. (C°) 5h	13h	21h	平均 Mean	平均 Mean 最高 Max.	最低 Min.	較差 Range	極 Absolute 最高 Max.	日 Day	最低 Min.	日 Day	濕度 (百分率) RELATIVE HUMIDITY. (%) 5h	13h	21h	平均 Mean
一月 Jan.	88.5	93.8	90.1	90.8	96.0	**84.7**	11.3	5.8	31	**74.7**	10	75.5	56.8	70.1	67.5
二月 Feb.	87.5	94.2	89.5	**90.4**	95.9	85.3	10.6	2.5	12	75.4	7	73.6	39.9	62.6	58.7
三月 Mar.	98.2	6.9	0.2	1.8	8.3	95.7	**12.6**	17.8	29	86.9	17	68.5	36.1	**67.7**	57.5
四月 April	4.1	12.1	6.3	7.5	13.8	1.9	11.8	23.7	27	94.7	8	65.3	37.2	56.2	**52.9**
五月 May	12.2	20.5	15.2	16.0	22.4	11.1	11.4	28.5	31	3.4	10	66.8	40.0	56.1	54.3
六月 June	16.6	25.3	19.8	20.5	27.0	15.5	11.5	32.3	2	9.8	10	80.3	49.8	72.0	67.4
七月 July	20.5	28.2	22.9	**23.9**	**29.5**	19.5	10.0	**35.1**	28	15.7	13	81.6	51.8	75.3	69.6
八月 Aug.	20.8	27.1	22.8	23.6	28.4	19.8	**8.6**	33.1	17	12.9	24	87.7	61.7	83.3	**77.6**
九月 Sept.	14.7	24.5	17.8	19.0	25.7	13.4	12.2	29.7	1	4.5	29	78.8	42.8	71.5	64.4
十月 Oct.	9.5	15.4	8.0	10.9	16.8	4.1	**12.6**	28.0	4	96.1	26	70.9	37.3	67.0	58.4
十一月 Nov.	0.0	7.2	1.0	2.8	8.9	97.0	11.9	19.7	18	86.6	27	70.5	44.0	66.2	60.2
十二月 Dec.	89.5	95.3	90.9	91.9	97.3	86.6	10.6	11.0	5	77.6	18	75.8	57.2	69.8	67.6
全年 Annual	5.2	12.5	7.1	8.2	14.2	2.9	11.3	35.1	28 VII	74.7	10 I	74.6	46.2	68.2	63.0

月 MONTH.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total	最大 Maximum 二十四時間 in 24h	日 Day	八時間 in 8h	日 Day	雲量 (自零至十) AMOUNT OF CLOUD. (0-10) 5h	13h	21h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE. 總計 Total	百分率 %	蒸發量 (粍) EVAPORATION. (mm)
一月 Jan.	0.5	0.0	0.0	**0.5**	0.5	1	0.5	1	3.1	4.5	3.7	3.8	**155.8**	53	52.1
二月 Feb.	0.3	0.2	0.2	0.7	0.4	1	0.3	9	2.0	4.8	1.7	2.8	177.2	59	54.2
三月 Mar.	3.3	0.0	0.0	3.3	3.0	16	3.0	16	3.3	4.2	1.7	3.0	241.6	55	132.5
四月 April	8.3	17.1	13.8	39.2	13.8	23	13.8	28	5.5	5.8	3.4	4.9	209.9	53	184.1
五月 May	15.0	14.9	15.8	45.7	23.1	6	12.7	6	5.3	6.4	3.8	5.2	233.8	52	**241.7**
六月 June	45.9	38.1	41.6	125.6	42.6	10	19.1	**17**	5.4	7.0	3.6	5.4	243.8	54	200.3
七月 July	9.8	8.4	24.0	42.2	12.2	1	10.8	1	5.4	7.3	3.6	5.4	236.4	52	215.6
八月 Aug.	34.5	65.7	70.6	**170.8**	**59.7**	9	**44.4**	9	6.9	7.9	4.3	**6.4**	162.6	38	131.0
九月 Sept.	12.6	26.1	22.9	61.6	22.8	18	22.8	18	3.6	4.2	2.9	3.6	244.1	66	162.8
十月 Oct.	17.5	28.1	7.5	53.1	29.0	6	20.2	6	2.0	3.2	1.6	**2.3**	**260.2**	76	130.9
十一月 Nov.	1.3	2.7	0.4	4.4	1.4	25	1.2	25	2.9	3.6	2.7	3.1	180.5	61	78.3
十二月 Dec.	7.2	8.2	6.2	21.6	11.9	11	5.2	11	2.4	3.4	2.7	2.8	186.5	65	**45.0**
全年 Annual	156.2	209.5	203.0	538.7	59.7	9 VIII	44.4	9 VIII	4.0	5.2	3.0	4.1	2531.4	57	1630.9

※重力ノ更正 Reduction to standard gravity ..... − 0.3
海面ヘノ更正 Reduction to mean sea level ..... + 3.6

鞍山
ANSHAN.

昭和六年 1931

月 MONTH.	風速度 (米/秒) VELOCITY OF WIND. (m/sec) 5h	13h	21h	最大 Maximum 速度 Vel.	方向 Dir.	日 Day	廿四時間平均 Mean for 24h.	暴風日數 NO. OF DAYS WITH GALES. 強風 10~15 m/sec	烈風 15~29 m/sec	颶風 ≧29 m/sec	合計 Sum	上層雲 UPPER CLOUD. 平均 Resultant 方向 Dir.	回數 Freq. %
一月 Jan.	3.3	5.7	3.6	10.5	SW	16	3.9	1	—	—	1	N 72° W	75
二月 Feb.	2.6	4.7	3.2	10.0	SW	12, 13	3.5	1	—	—	1	N 82° W	11
三月 Mar.	3.3	6.3	2.9	12.1	SW	21	4.0	2	—	—	2	SW	100
四月 April	3.3	6.3	3.7	12.8	SSW	14	4.5	7	—	—	7	S 56° W	98
五月 May	3.2	5.9	3.5	11.9	SW	5	4.7	5	—	—	5	S 55° W	99
六月 June	1.9	4.4	2.4	12.8	SW	2	3.1	1	—	—	1	S 49° W	99
七月 July	2.1	3.8	2.0	10.7	SW	30	2.6	1	—	—	1	SW	100
八月 Aug.	1.4	3.9	2.1	9.1	NE	23	2.5	—	—	—	—	S 56° W	75
九月 Sept.	1.8	4.0	2.2	8.8	SSW	16	2.8	—	—	—	—	SW	100
十月 Oct.	2.5	4.7	2.3	9.1	SSW	15	3.0	—	—	—	—	S 58° W	74
十一月 Nov.	2.4	4.1	2.2	10.7	SW	11	2.8	1	—	—	1	SW	100
十二月 Dec.	2.1	3.3	2.2	10.5	NNE	11	2.4	1	—	—	1	S 15° W	24
全年 Annual	2.5	4.7	2.7	12.8	SSW SW	14 IV 2 VI	3.3	20	—	—	20	S 49° W	64

月 MONTH.	各風向觀測回數 FREQUENCY OF WIND FROM. 北 N	北北東 NNE	北東 NE	東北東 ENE	東 E	東南東 ESE	南東 SE	南南東 SSE	南 S	南南西 SSW	南西 SW	西南西 WSW	西 W	西北西 WNW	北西 NW	北北西 NNW	靜穩 Calm	風 WIND. 平均 Resultant 方向 Dir.	回數 Freq. %
一月 Jan.	2	5	21	6	4	1	2	2	2	5	21	8	6	—	—	1	7	S 10° W	48
二月 Feb.	—	5	22	4	7	5	3	1	2	4	13	8	6	1	1	—	2	N 82° W	11
三月 Mar.	6	2	12	5	5	3	3	2	1	6	22	11	4	1	1	7	2	S 66° W	18
四月 April	2	3	15	2	4	1	2	2	11	11	16	8	4	1	3	3	2	S 31° W	20
五月 May	3	3	10	1	2	1	2	3	3	13	18	19	6	1	1	2	5	S 51° W	40
六月 June	1	1	4	2	5	3	4	6	5	8	27	11	5	1	—	—	7	S 28° W	15
七月 July	—	—	6	8	6	5	3	5	4	18	27	4	2	—	—	1	4	S 9° W	46
八月 Aug.	—	2	9	5	3	1	2	5	10	17	22	—	—	—	—	—	17	S 24° W	43
九月 Sept.	—	1	—	1	2	2	3	2	11	27	23	3	2	1	1	—	11	S 24° W	68
十月 Oct.	3	3	9	1	1	—	1	—	15	21	22	5	4	3	2	—	3	S 35° W	51
十一月 Nov.	1	3	19	6	4	3	1	1	3	19	11	5	3	—	—	1	10	S 21° E	15
十二月 Dec.	2	9	22	1	1	6	2	3	5	11	8	3	2	1	2	—	15	S 88° E	13
全年 Annual	20	37	149	42	44	31	28	32	72	160	230	85	44	10	11	15	85	S 28° W	23

月 MONTH.	天氣日數 NUMBER OF DAYS WITH. 降水 Precipitation ≧0.1 mm	≧1.0 mm	雪	霧	雹	電	雷	電聲	霧	快晴 Clear	曇天 Cloudy	不照 Sunless	暴風	霜	氣溫 Air Temperature 最低 Min. <90°	最低 Min. <0°	平均 Mean <0°	最高 Max. <0°	最低 Min. ≧25°	平均 Mean ≧25°	最高 Max. ≧25°	平均 Mean ≧30°	最高 Max. ≧30°	最高 Max. ≧35°	地震回數 No. of obs.
一月 Jan.	1	—	4	—	—	—	—	—	2	9	5	3	1	11	27	31	29	21	—	—	—	—	—	—	…
二月 Feb.	2	—	4	—	—	—	—	—	—	13	1	4	1	8	25	28	28	19	—	—	—	—	—	—	…
三月 Mar.	2	1	3	1	—	—	—	—	—	15	3	—	2	4	4	24	10	2	—	—	—	—	—	—	…
四月 April	6	5	1	—	—	—	—	—	—	7	5	5	7	6	—	10	2	—	—	—	—	—	—	—	…
五月 May	10	6	—	—	—	2	—	—	—	5	8	2	5	—	—	—	—	—	—	—	6	—	—	—	…
六月 June	12	11	—	—	1	7	—	—	—	2	6	2	1	—	—	—	—	—	—	—	23	—	7	—	…
七月 July	9	8	—	—	—	1	—	—	—	2	4	6	1	—	—	—	—	—	1	9	28	—	8	1	…
八月 Aug.	13	13	—	—	—	—	—	—	—	4	10	7	—	—	—	—	—	—	1	11	26	—	14	—	…
九月 Sept.	10	8	—	—	—	2	—	—	—	14	4	1	—	1	—	—	—	—	19	—	19	—	—	—	…
十月 Oct.	4	4	1	—	—	1	—	—	—	17	1	—	—	14	—	8	2	—	—	—	4	—	—	—	…
十一月 Nov.	6	3	3	1	—	—	—	—	—	12	3	2	1	11	5	17	11	5	—	—	—	—	—	—	…
十二月 Dec.	6	4	2	—	—	—	—	—	—	17	3	2	1	17	22	31	29	22	—	—	—	—	—	—	…
全年 Annual	81	63	18	2	1	11	—	2	117	53	34	20	72	83	149	111	69	21	20	106	—	29	1	…	

鄭家屯

昭和六年 **CHENGCHIATUN.** 1931

鄭家屯

月 MONTH.	氣壓 (粍) AIR PRESSURE. (mm) ※ (+700 mm) 5h	13h	21h	平均 Mean	最高 Max.	日 Day	最低 Min.	日 Day	水蒸氣ノ張力 (粍) TENSION OF VAPOUR. (mm) 5h	13h	21h	平均 Mean
一月 Jan.	58.9	58.7	59.0	58.9	71.3	8	47.6	1	0.8	1.4	1.3	1.2
二月 Feb.	60.6	60.7	61.1	60.8	69.4	10	49.3	27	0.9	1.2	1.1	1.1
三月 Mar.	54.4	53.9	54.1	54.1	64.1	16	36.2	21	2.4	2.3	2.8	2.5
四月 April	51.7	50.7	50.7	51.0	59.2	10	41.9	14	3.9	3.7	4.3	4.0
五月 May	48.3	47.9	48.2	48.1	54.5	10	38.1	27	6.6	6.4	7.0	6.7
六月 June	44.6	43.7	44.1	44.2	49.8	1	38.1	12	11.3	11.8	12.0	11.7
七月 July	45.8	45.4	45.7	45.6	50.6	13, 31	37.1	1	13.8	13.9	14.3	13.7
八月 Aug.	47.5	47.2	47.4	47.3	54.1	23, 24	41.5	13	15.2	15.4	16.1	15.6
九月 Sept.	49.5	49.1	49.5	49.4	56.3	15	41.1	12	10.0	10.2	10.1	10.1
十月 Oct.	55.6	55.0	55.8	55.5	66.0	10	46.1	6	4.6	4.3	4.7	4.6
十一月 Nov.	58.1	58.1	58.5	58.2	67.0	26	47.7	7	2.7	2.7	2.6	2.7
十二月 Dec.	61.0	60.7	61.1	60.9	70.1	22	49.8	14	1.3	1.5	1.5	1.4
全年 Annual	53.0	52.6	52.9	52.8	71.3	8 I	36.2	21 III	6.1	6.1	6.5	6.3

月 MONTH.	氣溫 (攝氏) AIR TEMPERATURE. (C°) 5h	13h	21h	平均 Mean	平均 Mean 最高 Max.	最低 Min.	較差 Range	極 Absolute 最高 Max.	日 Day	最低 Min.	日 Day	濕度 (百分率) RELATIVE HUMIDITY. (%) 5h	13h	21h	平均 Mean
一月 Jan.	78.7	87.4	83.0	83.0	91.5	76.5	15.0	98.2	15	68.3	10	87.1	72.8	88.4	82.8
二月 Feb.	81.1	90.0	84.8	85.3	92.0	79.7	12.3	99.8	21	72.3	7	84.3	52.6	75.6	70.8
三月 Mar.	93.2	3.0	97.3	97.9	4.6	91.8	12.8	15.2	29	81.1	1	81.4	39.3	73.6	64.8
四月 April	0.5	9.9	4.6	5.0	11.9	99.5	12.3	21.2	9	91.4	2	79.9	38.7	65.7	61.5
五月 May	8.7	18.5	13.0	13.4	19.8	7.8	11.9	25.2	30	0.0	1	76.8	41.7	62.4	60.3
六月 June	15.4	24.1	19.0	19.5	25.5	14.4	11.1	31.5	22	7.5	10	86.1	53.7	73.6	71.1
七月 July	18.6	27.9	22.4	23.0	28.9	18.9	10.9	34.0	29	15.2	20	86.3	46.9	70.9	68.0
八月 Aug.	18.8	26.3	21.6	22.2	27.4	18.3	9.0	31.5	12	8.8	24	92.2	60.2	82.1	78.2
九月 Sept.	12.2	21.2	14.5	16.0	22.7	11.3	11.4	27.9	1	5.4	29	91.5	54.5	79.9	75.3
十月 Oct.	2.8	13.8	6.2	7.6	14.9	1.4	13.5	25.1	4	92.3	27	76.7	35.0	62.8	58.2
十一月 Nov.	94.9	4.3	97.0	98.8	5.9	93.0	12.9	16.3	8	82.8	26	78.4	38.5	65.0	60.6
十二月 Dec.	84.3	93.4	86.6	88.1	94.9	82.4	12.5	6.8	5	70.8	12	88.8	49.1	83.8	73.9
全年 Annual	0.8	10.0	4.2	5.0	11.7	99.5	12.1	34.0	29 VII	68.3	10 I	84.1	48.6	73.7	68.8

月 MONTH.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total	最大 Maximum 二十四時間 in 24h	日 Day	八時間 in 8h	日 Day	雲量 (自零至十) AMOUNT OF CLOUD. (0-10) 5h	13h	21h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE. 總計 Total	百分率 %	蒸發量 (粍) EVAPORATION (mm)
一月 Jan.	0.4	3.2	0.4	4.0	3.3	1	2.8	1	2.1	2.9	2.3	2.4	192.3	67	27.2
二月 Feb.	—	0.0	0.1	0.1	0.1	27	0.1	27	1.6	2.4	1.1	1.7	227.8	77	45.0
三月 Mar.	0.6	0.0	0.5	1.1	0.6	16	0.6	16	2.5	2.6	1.1	2.0	289.0	78	132.7
四月 April	8.6	1.9	10.3	20.8	7.0	20	6.9	20	5.4	5.3	2.5	4.4	262.6	65	188.9
五月 May	9.4	13.6	17.6	40.6	17.4	5	8.5	5	4.3	4.0	5.0	4.4	282.0	62	231.2
六月 June	32.6	15.7	75.3	123.6	20.2	9	19.7	9	5.1	4.5	3.6	4.4	260.8	57	188.1
七月 July	15.7	15.8	20.2	51.7	17.9	17	15.5	17	3.5	3.6	3.4	3.5	316.0	68	218.4
八月 Aug.	43.3	100.7	30.6	174.6	90.0	2	66.0	13	5.4	5.0	3.1	4.5	262.8	61	172.8
九月 Sept.	28.2	22.2	24.7	75.1	29.3	27	15.8	18	5.1	4.2	2.8	4.0	241.3	65	121.7
十月 Oct.	0.3	0.2	2.1	2.6	2.1	24	2.1	24	2.1	2.7	1.8	2.2	269.0	79	125.6
十一月 Nov.	0.8	0.3	—	1.1	0.9	25	0.8	25	2.5	2.6	1.4	2.2	220.1	76	70.1
十二月 Dec.	0.3	0.6	0.2	1.1	0.7	11	0.4	11	1.9	1.4	1.4	1.6	215.4	78	38.0
全年 Annual	140.2	174.2	182.0	496.4	90.0	2 VIII	66.0	13 VIII	3.5	3.4	2.5	3.1	3039.0	68	1559.7

※重力ノ更正 Reduction to standard gravity ..... − 0.1
海面ヘノ更正 Reduction to mean sea level ..... + 10.8

鄭家屯
CHENGCHIATUN.

昭和六年 1931

鄭家屯

風速度 (米/秒) VELOCITY OF WIND. (m/sec)

月 MONTH.	5h	13h	21h	最大 Maximum 速度 Vel.	方向 Dir.	日 Day	廿四時間平均 Mean for 24h
一月 Jan.	2.0	3.8	2.8	14.0	SSW	30	2.9
二月 Feb.	2.3	4.6	2.5	11.8	NW	27	3.1
三月 Mar.	3.4	5.5	3.8	16.9	SSW	21	4.3
四月 April	3.2	6.2	3.9	15.8	SW	20	4.5
五月 May	2.8	5.5	3.1	16.7	SW	20	4.1
六月 June	1.6	3.6	2.0	9.1	SW	9	2.5
七月 July	1.5	3.8	1.6	9.8	SW	16	2.4
八月 Aug.	1.8	3.7	1.9	8.7	W	13	2.5
九月 Sept.	2.0	3.7	1.9	8.0	WSW	16	2.5
十月 Oct.	2.8	4.8	2.4	12.6	SW	15	3.3
十一月 Nov.	1.5	4.0	1.6	10.9	WNW	16	2.2
十二月 Dec.	1.7	3.1	2.1	10.7	NNE	11	2.3
全年 Annual	2.2	4.4	2.5	16.9	SSW	21 III	3.1

暴風日數 NO. OF DAYS WITH GALES.

月 MONTH.	強風 10-15 m/sec	烈風 15-29 m/sec	颶風 ≧29 m/sec	合計 Sum
一月 Jan.	2	—	—	2
二月 Feb.	1	—	—	1
三月 Mar.	5	1	—	6
四月 April	10	1	—	11
五月 May	4	2	—	6
六月 June	—	—	—	—
七月 July	—	—	—	—
八月 Aug.	—	—	—	—
九月 Sept.	—	—	—	—
十月 Oct.	2	—	—	2
十一月 Nov.	2	—	—	2
十二月 Dec.	1	—	—	1
全年 Annual	27	4	—	31

上層雲 UPPER CLOUD.

月 MONTH.	平均 Resultant 方向 Dir.	回數 Freq. %
一月 Jan.	S 56° W	83
二月 Feb.	N 8° E	75
三月 Mar.	N 11° E	98
四月 April	N 22° W	64
五月 May	N 29° W	35
六月 June	S 7° E	56
七月 July	S 52° W	53
八月 Aug.	S 42° W	23
九月 Sept.	N 85° W	87
十月 Oct.	S 49° W	99
十一月 Nov.	SW	100
十二月 Dec.	—	—
全年 Annual	S 85° W	32

各風向觀測回數 FREQUENCY OF WIND FROM.

月 MONTH.	北 N	北北東 NNE	北東 NE	東北東 ENE	東 E	東南東 ESE	南東 SE	南南東 SSE	南 S	南南西 SSW	南西 SW	西南西 WSW	西 W	西北西 WNW	北西 NW	北北西 NNW	靜穩 Calm
一月 Jan.	7	11	4	—	2	1	1	3	6	17	2	2	7	10	1	8	11
二月 Feb.	8	9	3	1	3	1	1	3	3	6	3	3	3	10	10	9	8
三月 Mar.	7	6	1	3	1	—	—	5	4	19	12	3	3	5	9	10	5
四月 April	9	13	1	—	—	—	2	3	2	15	9	9	2	3	7	9	6
五月 May	4	16	8	3	3	2	2	5	3	13	11	5	2	5	—	7	4
六月 June	5	7	4	1	—	4	4	4	9	16	14	5	3	4	2	2	6
七月 July	1	6	13	11	3	2	5	2	3	13	7	3	3	—	—	2	19
八月 Aug.	2	8	3	7	—	1	1	7	6	23	11	6	2	—	—	5	11
九月 Sept.	1	3	1	1	—	—	2	—	3	22	6	9	3	13	5	4	17
十月 Oct.	5	4	—	—	—	—	—	1	2	16	16	5	2	13	11	10	8
十一月 Nov.	3	8	5	4	1	—	1	3	4	16	4	6	3	6	3	4	19
十二月 Dec.	8	12	4	3	—	—	—	1	4	10	6	3	8	7	4	7	16
全年 Annual	60	103	47	34	13	11	19	37	49	186	101	59	41	76	52	77	130

風 WIND.

月 MONTH.	平均 Resultant 方向 Dir.	回數 Freq. %
一月 Jan.	N 77° W	20
二月 Feb.	N 38° W	24
三月 Mar.	S 82° W	30
四月 April	N 76° W	31
五月 May	N 59° W	5
六月 June	S 32° W	32
七月 July	S 69° E	16
八月 Aug.	S 21° W	30
九月 Sept.	S 67° W	44
十月 Oct.	W	49
十一月 Nov.	S 74° W	16
十二月 Dec.	N 53° W	27
全年 Annual	S 83° W	20

天氣日數 NUMBER OF DAYS WITH.

月 MONTH.	降水 Precipitation ≧0.1 mm	≧1.0 mm	雪	霰	雹	電雷	電聲	霧	快晴 Clear	曇天 Cloudy	不照 Sunshine	暴風	霜
一月 Jan.	4	1	7	—	—	—	—	—	15	1	3	2	29
二月 Feb.	1	—	1	—	—	—	—	—	19	2	—	1	18
三月 Mar.	2	—	4	—	—	—	—	—	18	2	—	6	12
四月 April	7	5	2	—	1	3	—	—	9	3	—	11	3
五月 May	12	7	—	—	—	3	—	—	8	6	2	6	1
六月 June	17	12	—	—	1	9	1	3	8	5	—	—	—
七月 July	11	7	—	—	—	2	1	—	12	4	1	—	—
八月 Aug.	8	7	—	—	—	2	—	1	8	7	5	—	—
九月 Sept.	14	9	—	—	2	5	2	1	9	6	—	—	—
十月 Oct.	3	1	1	—	—	—	—	—	17	—	—	2	8
十一月 Nov.	3	—	3	—	—	—	—	1	18	1	1	2	17
十二月 Dec.	4	—	3	—	—	—	—	—	22	1	3	1	21
全年 Annual	86	49	21	—	4	24	4	6	163	38	15	31	109

氣溫 Air Temperature

月 MONTH.	最低 Min. <90°	最低 Min. <0°	平均 Mean <0°	最高 Max. <0°	最低 Min. ≧25°	平均 Mean ≧25°	最高 Max. ≧25°	平均 Mean ≧30°	最高 Max. ≧30°	最高 Max. ≧35°	地震回數 No. of obs.
一月 Jan.	31	31	31	31	—	—	—	—	—	—	…
二月 Feb.	28	28	28	28	—	—	—	—	—	—	…
三月 Mar.	10	30	18	6	—	—	—	—	—	—	…
四月 April	—	15	4	—	—	—	—	—	—	—	…
五月 May	—	—	—	—	—	—	1	—	—	—	…
六月 June	—	—	—	—	—	—	19	—	4	—	…
七月 July	—	—	—	—	—	4	29	—	11	—	…
八月 Aug.	—	—	—	—	—	7	23	—	7	—	…
九月 Sept.	—	—	—	—	—	—	11	—	—	—	…
十月 Oct.	—	14	3	—	—	—	2	—	—	—	…
十一月 Nov.	11	27	13	10	—	—	—	—	—	—	…
十二月 Dec.	30	31	30	28	—	—	—	—	—	—	…
全年 Annual	110	176	127	103	—	11	85	—	22	—	…

洮南

昭和六年 **TAONAN.** 1931

洮南

月 MONTH.	氣壓 (粍) AIR PRESSURE. (mm) ※ (+700 mm) 5h	13h	21	平均 Mean	最高 Max.	日 Day	最低 Min.	日 Day	水蒸氣ノ張力 (粍) TENSION OF VAPOUR. (mm) 5h	13h	21h	平均 Mean
一月 Jan.	55.4	54.9	54.9	55.1	**68.0**	6	44.4	15	0.7	1.1	0.7	**0.8**
二月 Feb.	56.8	56.5	57.2	56.9	65.0	1	**45.7**	27	0.6	1.1	0.8	**0.8**
三月 Mar.	49.7	49.1	49.8	49.5	58.8	**1**	**28.5**	21	1.8	2.0	2.1	2.0
四月 April	47.3	45.9	46.9	46.7	55.5	5	34.6	20	2.6	3.1	3.1	3.0
五月 May	43.8	43.6	44.2	43.9	49.5	2	33.5	20	5.6	5.6	5.9	**5.7**
六月 June	40.0	39.7	39.9	**39.9**	46.6	16	33.6	24	10.3	9.7	10.9	10.3
七月 July	41.8	41.6	41.8	41.7	47.7	2	34.3	18	13.6	13.3	13.8	13.6
八月 Aug.	42.9	42.6	42.8	42.8	52.2	23	34.1	13	13.2	13.9	14.3	**13.8**
九月 Sept.	44.2	43.5	44.7	44.2	53.1	15	34.7	12	8.4	9.5	9.2	9.0
十月 Oct.	50.8	50.5	51.2	50.8	62.1	10	41.6	15	4.1	4.9	4.2	**4.4**
十一月 Nov.	54.0	53.8	54.4	54.1	63.9	26	42.3	7	2.2	2.6	2.1	2.3
十二月 Dec.	57.4	57.1	57.2	**57.2**	66.6	22	46.8	14	0.9	1.5	1.1	1.2
全年 Annual	48.7	48.3	48.8	48.6	68.0	6 I	28.5	21 III	5.4	5.7	5.7	5.6

月 MONTH.	氣溫 (攝氏) AIR TEMPERATURE. (C°) 5h	13h	21h	平均 Mean	平均 Mean 最高 Max.	最低 Min.	較差 Range	極 Absolute 最高 Max.	日 Day	最低 Min.	日 Day	濕度 (百分率) RELATIVE HUMIDITY. (%) 5h	13h	21h	平均 Mean
一月 Jan.	76.4	84.6	78.8	**79.9**	85.8	**73.1**	12.8	96.4	27	**63.6**	10	85	74	79	**79**
二月 Feb.	76.8	86.9	80.8	81.5	88.2	74.5	13.7	95.2	28	66.3	7	77	62	78	72
三月 Mar.	91.1	2.3	96.3	96.6	4.1	90.0	14.1	**14.8**	21	79.6	1	73	37	**58**	**56**
四月 April	98.8	10.0	3.5	4.1	12.0	97.7	14.3	22.8	9	90.9	4	61	35	53	**50**
五月 May	7.1	16.9	12.0	12.0	18.9	6.0	12.9	24.9	29	0.4	7	72	41	55	56
六月 June	14.5	23.1	18.2	18.6	24.9	13.7	11.2	32.0	23	7.4	10	83	48	70	67
七月 July	18.9	28.3	23.1	**23.4**	**29.6**	18.0	11.6	**36.2**	29	13.8	19	84	47	66	66
八月 Aug.	17.8	26.5	21.6	21.9	28.1	17.2	**10.9**	34.0	13	9.1	24	86	53	74	71
九月 Sept.	10.2	19.0	13.8	14.3	20.6	9.5	11.1	27.2	25	3.8	28	87	58	76	**74**
十月 Oct.	0.9	12.7	5.0	6.2	14.0	99.9	14.1	23.6	3	91.7	27	79	43	62	**61**
十一月 Nov.	92.0	2.4	95.2	96.5	3.5	90.6	13.1	**16.7**	2	79.6	26	80	45	63	62
十二月 Dec.	81.7	92.2	84.9	86.3	93.3	80.0	**14.9**	2.7	5	72.2	16	76	54	73	68
全年 Annual	98.4	8.7	2.8	3.3	10.3	97.5	12.9	36.2	29 VII	63.6	10 I	79	49	67	66

月 MONTH.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total	最大 Maximum 二十四時間 in 24h	日 Day	八時間 in 8h	日 Day	雲量 (自零至十) AMOUNT OF CLOUD. (0-10) 5h	13h	21h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE. 總計 Total	百分率 %	蒸發量 (粍) EVAPORATION. (mm)
一月 Jan.	0.6	0.7	0.6	1.9	0.8	**1**	0.6	1,19	2.6	3.4	1.3	2.4	**214.8**	76	**16.0**
二月 Feb.	1.0	1.5	—	2.5	1.0	23	0.5	23,24,27	1.0	2.9	1.9	1.9	237.8	82	26.1
三月 Mar.	0.4	0.0	5.1	5.5	5.1	15	**5.1**	15	2.2	3.3	0.9	2.1	297.6	81	**112.4**
四月 April	4.8	2.9	3.2	10.9	4.8	28	4.8	28	4.7	4.8	2.6	4.0	**265.2**	**66**	232.4
五月 May	13.8	21.5	18.6	53.9	15.5	27	10.0	13	4.6	5.8	3.3	4.6	289.7	63	**267.1**
六月 June	13.8	52.2	50.5	116.5	**30.6**	18	30.4	18	5.3	6.8	4.0	**5.4**	290.3	62	214.4
七月 July	13.3	0.9	30.4	**44.6**	**26.4**	17	18.0	17	5.1	6.5	4.5	**5.4**	**348.5**	**74**	246.9
八月 Aug.	42.9	34.7	64.1	**141.7**	38.6	5	**38.6**	5	4.7	4.7	3.9	4.4	299.0	69	196.7
九月 Sept.	13.8	35.8	47.1	96.7	**42.8**	3	23.0	3	5.1	6.2	4.0	5.1	221.0	59	110.5
十月 Oct.	0.3	0.0	3.8	4.1	3.7	5	3.7	5	2.3	3.4	1.4	2.3	275.0	81	134.0
十一月 Nov.	1.1	1.0	0.4	2.5	2.1	23	1.1	23	2.2	3.0	1.6	2.3	235.7	82	67.3
十二月 Dec.	0.6	0.2	0.0	**0.8**	0.8	11	0.6	11	1.1	2.2	0.3	**1.3**	218.8	81	27.6
全年 Annual	106.4	151.4	223.8	481.6	42.8	3 IX	38.6	5 VIII	3.4	4.4	2.5	3.4	3193.3	72	1651.4

※電力ノ更正 Reduction to standard gravity ····· − 0.0
海面ヘノ更正 Reduction to mean sea level ····· + 14.5

洮南
TAONAN.

昭和六年 1931

月 MONTH.	風速度 (米/秒) VELOCITY OF WIND. (m/sec) 5h	13h	21h	最大 Maximum 速度 Vel.	方向 Dir.	日 Day	廿四時間平均 Mean for 24h	暴風日數 NO. OF DAYS WITH GALES. 強風 10-15 m/sec	烈風 15-29 m/sec	颶風 ≧29 m/sec	合計 Sum	上層雲 UPPER CLOUD. 平均 Resultant 方向 Dir.	回數 Freq. %
一月 Jan.	2.7	3.5	3.3	9.3	WN	11, 18	3.0	—	—	—	—	N 77° W	83
二月 Feb.	2.8	4.3	3.3	16.3	W	27	3.5	1	1	—	2	N 85° W	29
三月 Mar.	3.8	6.6	4.8	19.3	W	21	4.7	6	3	—	9	N 83° W	49
四月 April	3.2	6.5	4.0	19.8	SSW	2	4.8	9	2	—	11	N 71° W	33
五月 May	3.5	6.4	4.4	17.5	S	4, 20	4.8	9	3	—	12	S 3° E	50
六月 June	3.0	4.0	3.5	12.8	N	2	3.5	5	—	—	5	N 17° W	20
七月 July	2.8	4.1	2.9	11.7	S	16	3.4	1	—	—	1	S 89° E	19
八月 Aug.	3.3	4.5	3.1	11.1	N	2	3.7	1	—	—	1	S 10° W	23
九月 Sept.	3.0	4.7	3.0	10.8	WNW	9	3.5	2	—	—	2	N 45° W	2
十月 Oct.	3.2	6.1	3.3	13.7	WNW	16	4.2	5	—	—	5	N 89° W	51
十一月 Nov.	2.5	4.4	3.2	12.8	SSW	17, 16	3.3	1	—	—	1	N 89° W	71
十二月 Dec.	2.4	3.6	2.7	10.8	NNW	11	2.7	4	—	—	4	S 83° W	96
全年 Annual	3.0	4.9	3.5	19.8	SSW	2 VI	3.8	44	9	—	53	S 88° W	29

月 MONTH.	各風向觀測回數 FREQUENCY OF WIND FROM. 北 N	北北東 NNE	北東 NE	東北東 ENE	東 E	東南東 ESE	南東 SE	南南東 SSE	南 S	南南西 SSW	南西 SW	西南西 WSW	西 W	西北西 WNW	北西 NW	北北西 NNW	靜穩 Calm	風 WIND. 平均 Resultant 方向 Dir.	回數 Freq. %
一月 Jan.	13	—	2	4	5	6	1	2	6	4	5	8	17	6	8	4	2	N 76° W	28
二月 Feb.	2	—	4	—	4	1	9	9	11	5	11	5	10	4	2	6	1	S 28° W	19
三月 Mar.	5	—	1	—	5	3	5	3	16	8	2	3	17	12	3	9	1	S 65° W	33
四月 April	14	4	3	2	1	4	2	1	2	6	3	6	9	11	13	5	4	N 51° W	40
五月 May	9	7	1	5	2	5	5	4	10	5	3	2	14	4	9	7	1	N 66° W	15
六月 June	6	2	2	3	9	2	12	8	6	4	4	3	9	4	6	4	6	S 10° E	2
七月 July	12	8	8	4	10	4	6	7	10	1	3	3	3	4	3	4	3	N 66° E	21
八月 Aug.	7	5	2	1	3	1	9	10	19	10	—	4	4	2	4	4	8	S 2° E	27
九月 Sept.	2	4	3	2	3	2	1	6	7	4	4	4	2	9	13	8	1	N 69° W	25
十月 Oct.	6	1	—	—	—	2	1	3	7	9	7	5	14	11	19	6	2	N 86° W	53
十一月 Nov.	9	2	4	—	2	1	3	5	9	13	12	8	11	2	1	7	1	S 56° W	36
十二月 Dec.	10	3	2	1	—	—	1	—	—	8	14	15	15	7	6	8	3	N 84° W	56
全年 Annual	95	36	32	22	44	31	55	58	103	77	68	66	125	76	87	72	33	S 81° W	22

月 MONTH.	天氣日數 NUMBER OF DAYS WITH. 降水 Precipitation ≧0.1 mm	≧1.0 mm	雪 ✳	霰 △	雹 ▲	電雷 ⚡	電聲 T°	霧 ≡	快晴 Clear	曇天 Cloudy	不照 Sunless	暴風	霜	氣溫 Air Temperature 最低 Min. <0°	最低 Min. <0°	平均 Mean <0°	最高 Max. <0°	最低 Min. ≧25°	平均 Mean ≧25°	最高 Max. ≧25°	平均 Mean ≧30°	最高 Max. ≧30°	最高 Max. ≧35°	地震回數 No. of obs.
一月 Jan.	5	—	5	—	—	—	—	—	15	3	—	—	7	31	31	31	31	—	—	—	—	—	—	…
二月 Feb.	4	1	4	—	—	—	—	—	18	1	1	2	6	17	28	28	28	—	—	—	—	—	—	…
三月 Mar.	2	1	1	—	—	—	—	1	18	1	2	9	5	12	31	24	6	—	—	—	—	—	—	…
四月 April	—	3	1	—	—	2	—	—	7	3	2	11	2	—	19	7	—	—	—	—	—	—	—	…
五月 May	10	6	—	—	—	1	3	—	7	4	3	12	1	—	—	—	—	—	—	—	—	—	—	…
六月 June	14	12	—	—	2	5	—	1	3	6	1	4	—	—	—	—	—	—	1	18	—	4	—	…
七月 July	9	7	—	—	—	2	4	—	6	7	1	1	—	—	—	—	—	—	5	31	—	12	3	…
八月 Aug.	13	10	—	—	—	5	—	—	8	4	2	1	—	—	—	—	—	—	5	23	—	13	—	…
九月 Sept.	13	—	—	—	—	1	—	—	3	5	—	2	—	—	—	—	—	—	—	5	—	—	—	…
十月 Oct.	3	1	2	—	—	—	—	1	17	—	—	5	7	—	14	3	1	—	—	—	—	—	—	…
十一月 Nov.	2	1	2	—	—	—	—	—	16	2	1	4	12	13	28	16	14	—	—	—	—	—	—	…
十二月 Dec.	1	—	2	—	—	—	—	—	23	—	2	1	13	30	31	31	27	—	—	—	—	—	—	…
全年 Annual	76	42	17	—	2	16	7	3	141	36	15	52	53	103	182	140	107	—	11	77	—	29	3	…

哈爾濱
KHARUBIN.

昭和六年 1931

哈爾濱

月 MONTH.	氣壓 (粍) AIR PRESSURE. (mm) ※ (+ 700 mm) 5h	13h	21h	平均 Mean	最高 Max.	日 Day	最低 Min.	日 Day	水蒸氣ノ張力 (粍) TENSION OF VAPOUR. (mm) 5h	13h	21h	平均 Mean
一月 Jan.	55.7	55.3	55.6	55.5	**68.6**	7. 8	44.9	15	0.7	0.9	0.8	**0.8**
二月 Feb.	57.2	56.9	57.5	57.2	65.9	10	47.8	25	0.5	1.1	**0.8**	**0.8**
三月 Mar.	50.4	**50.1**	50.5	50.3	60.1	16	**32.0**	21	2.1	3.1	2.7	2.6
四月 April	47.1	46.4	46.6	46.7	54.6	8. 11	39.7	12	3.9	4.2	4.4	4.2
五月 May	45.1	44.4	44.9	44.8	51.1	3	36.8	20	6.2	6.2	6.8	6.4
六月 June	41.8	41.4	41.6	**41.6**	47.1	17	36.0	13	10.7	11.1	11.5	11.1
七月 July	43.2	42.9	43.3	43.2	48.4	23	36.1	19	12.5	13.0	13.3	12.9
八月 Aug.	44.3	44.0	44.2	44.1	51.3	24	35.8	13	14.3	14.2	14.9	**14.5**
九月 Sept.	46.0	45.4	45.8	45.7	54.8	15	35.8	12	9.1	9.9	10.0	9.7
十月 Oct.	51.3	50.9	51.6	51.3	62.1	10	41.7	6	4.5	5.1	4.8	4.8
十一月 Nov.	55.1	54.7	55.2	55.0	64.3	26	**44.3**	7	2.5	2.6	2.5	2.5
十二月 Dec.	57.7	57.1	57.6	**57.5**	66.4	22	48.8	3	0.9	1.4	1.1	1.1
全年 Annual	49.6	49.1	49.5	49.4	68.6	7. 8 I	32.0	21 III	5.7	6.1	6.1	6.0

月 MONTH.	氣溫 (攝氏) AIR TEMPERATURE. (°C) 5h	13h	21h	平均 Mean	平均 Mean 最高 Max.	平均 Mean 最低 Min.	平均 Mean 較差 Range	極 Absolute 最高 Max.	極 Absolute 日 Day	極 Absolute 最低 Min.	極 Absolute 日 Day	濕度 (百分率) RELATIVE HUMIDITY. (%) 5h	13h	21h	平均 Mean
一月 Jan.	74.2	80.1	76.9	**77.1**	82.3	**71.3**	11.9	95.0	31	**59.8**	10	90	85	89	**88**
二月 Feb.	74.0	83.1	78.2	78.5	84.4	72.9	11.5	92.4	21	66.1	7	87	82	88	86
三月 Mar.	90.0	98.1	94.1	94.1	99.6	88.8	10.9	7.8	29	76.6	1	90	73	86	83
四月 April	99.5	7.7	3.3	3.5	9.5	98.8	10.7	20.9	9	92.2	3	85	52	75	71
五月 May	7.1	16.7	11.4	11.7	18.2	6.3	11.9	26.8	20	1.2	11	81	45	67	**64**
六月 June	14.5	22.3	17.6	18.2	24.4	13.6	10.9	32.5	30	7.7	9	85	57	76	73
七月 July	18.1	26.9	21.4	**22.1**	**28.7**	17.2	11.5	**34.3**	30	14.3	11	81	50	70	67
八月 Aug.	18.1	26.3	20.8	21.8	27.5	17.6	**9.9**	**34.3**	15	7.7	24	90	56	80	75
九月 Sept.	11.6	19.9	14.1	15.2	21.3	11.1	10.3	28.5	22	5.5	30	88	58	83	76
十月 Oct.	2.4	11.9	5.2	6.5	13.1	0.9	**12.2**	24.7	4	90.8	26	79	47	70	65
十一月 Nov.	92.9	2.1	95.1	96.7	3.0	91.7	11.3	16.1	3	81.6	26	82	46	71	66
十二月 Dec.	80.5	89.4	83.7	84.5	90.2	97.5	10.7	0.2	5	72.5	18	86	66	79	77
全年 Annual	98.6	7.0	1.8	2.5	8.6	97.5	11.1	34.3	20 VII 15 VIII	59.8	10 I	85	60	78	74

月 MONTH.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13h	13-21h	總計 Total	最大 Maximum 二十四時間 in 24h	日 Day	八時間 in 8h	日 Day	雲量 (自零至十) AMOUNT OF CLOUD. (0-10) 5h	13h	21h	平均 Mean	日照時數 NO. OF HOURS WITH SUNSHINE. 總計 Total	百分率 %	蒸發量 (粍) EVAPORATION. (mm)
一月 Jan.	2.8	1.3	5.7	9.8	3.8	22	3.0	1	3.2	3.5	2.0	2.9	192.0	68	15.8
二月 Feb.	0.3	1.7	1.2	3.2	2.0	27	1.7	27	1.5	2.6	0.9	**1.7**	212.0	73	**12.5**
三月 Mar.	12.8	2.1	4.1	19.0	7.0	16	7.0	16	3.1	4.2	2.2	3.2	253.4	69	34.5
四月 April	13.9	1.7	21.5	37.1	18.5	25	18.5	25	5.0	6.9	3.2	5.0	217.9	54	82.9
五月 May	21.6	13.0	25.9	60.5	19.8	13	13.2	26	7.1	6.2	4.4	**5.9**	234.4	51	158.3
六月 June	17.5	25.0	31.6	74.1	18.0	9	18.0	9	5.5	6.8	4.5	5.6	222.4	48	145.2
七月 July	31.5	11.5	10.8	53.8	22.1	22	**22.1**	22	4.8	5.5	3.5	4.6	**308.3**	65	**198.4**
八月 Aug.	35.0	39.8	42.6	**117.4**	**37.2**	2	**30.8**	2	5.4	5.4	4.2	5.0	239.4	55	144.5
九月 Sept.	27.7	15.3	43.8	86.8	12.7	3	10.6	18	5.4	6.0	4.9	5.4	189.8	51	101.0
十月 Oct.	14.0	0.4	1.3	15.7	7.8	8	7.5	8	3.3	4.1	3.5	3.6	223.1	66	100.7
十一月 Nov.	—	1.5	—	**1.5**	1.3	23	1.3	23	3.6	3.0	2.5	3.1	191.1	68	**54.2**
十二月 Dec.	0.3	0.6	4.0	4.9	3.5	6	3.4	6	2.1	3.0	1.2	2.1	**184.4**	68	17.2
全年 Annual	177.4	113.9	192.5	483.8	37.2	2 VIII	30.8	2 VIII	4.2	4.8	3.1	4.0	2668.2	61	1065.2

※重力ノ更正 Reduction to standard gravity ……+ 0.1
海面ヘノ更正 Reduction to mean sea level ……+ 13.7

哈爾濱
KHARUBIN.

昭和六年 1931

月 MONTH.	風速度 (米/秒) VELOCITY OF WIND. (m/sec) 5h	13h	21h	最大 Maximum 速度 Vel.	方向 Dir.	日 Day	廿四時間平均 Mean for 24h	暴風日數 NO. OF DAYS WITH GALES. 強風 10-15 m/sec	烈風 15-29 m/sec	颶風 ≧29 m/sec	合計 Sum	上層雲 UPPER CLOUD. 平均 Resultant 方向 Dir.	回數 Freq. %
一月 Jan.	3.1	3.4	2.6	9.9	N	4	3.0	—	—	—	—	—	—
二月 Feb.	1.3	2.3	1.8	6.8	NNE	27	1.7	—	—	—	—	—	—
三月 Mar.	2.9	4.9	3.4	11.1	SW	21	3.6	2	—	—	2	—	—
四月 April	2.9	5.4	3.0	11.4	NNW	10	3.9	4	—	—	4	—	—
五月 May	2.2	4.8	2.2	13.0	SW	20	3.2	4	—	—	4	—	—
六月 June	1.4	2.6	1.3	7.0	SW	22	1.9	—	—	—	—	—	—
七月 July	1.9	3.0	2.1	5.8	E	23	2.3	—	—	—	—	—	—
八月 Aug.	2.3	3.7	2.3	7.9	SW.W	10. 14	2.6	—	—	—	—	—	—
九月 Sept.	2.1	3.1	1.9	10.5	SW	16	2.1	1	—	—	1	—	—
十月 Oct.	4.0	5.3	3.2	11.7	W	16	3.8	2	—	—	2	—	—
十一月 Nov.	3.4	4.3	2.9	10.3	WSW	17	3.2	2	—	—	2	—	—
十二月 Dec.	2.3	3.3	2.7	7.3	SSW	21	2.8	—	—	—	—	—	—
全年 Annual	2.5	3.8	2.5	13.0	SW	20 v	2.8	15	—	—	15	—	—

月 MONTH.	各風向觀測回數 FREQUENCY OF WIND FROM 北 N	北北東 NNE	北東 NE	東北東 ENE	東 E	東南東 ESE	南東 SE	南南東 SSE	南 S	南南西 SSW	南西 SW	西南西 WSW	西 W	西北西 WNW	北西 NW	北北西 NNW	靜穩 Calm	風 WIND. 平均 Resultant 方向 Dir.	回數 Freq. %
一月 Jan.	3	2	—	4	2	—	—	2	17	11	15	11	13	3	4	3	3	S 51° W	52
二月 Feb.	7	—	3	3	2	1	2	2	9	5	14	4	14	1	2	—	15	S 53° W	33
三月 Mar.	1	2	2	—	4	1	1	3	16	9	11	8	17	3	10	2	3	S 57° W	48
四月 April	9	1	7	4	1	1	2	4	5	8	6	10	14	3	7	7	1	N 83° W	30
五月 May	2	6	5	4	8	2	4	3	6	7	14	5	6	3	3	7	8	S 42° W	12
六月 June	—	2	2	5	11	2	7	5	22	3	5	3	6	—	1	1	15	S 26° E	39
七月 July	2	—	5	7	21	4	4	8	11	12	8	2	3	—	—	2	4	S 39° E	42
八月 Aug.	5	2	4	5	3	1	2	9	18	9	13	4	4	—	8	2	4	S 19° W	32
九月 Sept.	3	—	2	—	8	1	4	10	17	8	12	5	8	2	2	1	7	S 15° W	46
十月 Oct.	4	4	—	—	—	—	3	4	12	18	16	6	11	6	6	3	—	S 53° W	55
十一月 Nov.	4	2	2	1	3	—	1	4	16	9	20	7	10	2	5	3	1	S 46° W	50
十二月 Dec.	4	1	3	1	5	—	1	3	14	10	21	9	8	3	4	3	3	S 46° W	47
全年 Annual	44	22	35	34	68	13	31	57	163	109	155	74	114	26	52	34	64	S 36° W	34

月 MONTH.	天氣日數 NUMBER OF DAYS WITH. 降水 Precipitation ≧0.1 mm	≧1.0 mm	雪	霰	雹	電雷	電聲	霧	快晴 Clear	曇天 Cloudy	不照 Sunless	暴風	霜	氣溫 Air Temperature 最低 Min. <90°	最低 Min. <0°	平均 Mean <0°	最高 Max. <0°	最低 Min. ≧25°	平均 Mean ≧25°	最高 Max. ≧25°	平均 Mean ≧30°	最高 Max. ≧30°	最高 Max. ≧35°	地震回數 No. of obs.
一月 Jan.	5	4	8	—	—	—	—	—	14	1	2	—	12	31	31	31	31	—	—	—	—	—	—	...
二月 Feb.	4	1	5	—	—	—	—	—	18	—	1	—	18	28	28	28	28	—	—	—	—	—	—	...
三月 Mar.	7	4	8	—	—	—	—	1	14	3	1	2	8	17	31	27	17	—	—	—	—	—	—	...
四月 April	8	4	3	2	—	—	—	—	3	3	2	4	5	—	18	9	—	—	—	—	—	—	—	...
五月 May	15	8	—	—	—	2	1	—	2	9	5	4	—	—	—	—	—	—	—	1	—	—	—	...
六月 June	15	10	—	—	—	3	1	—	1	8	—	—	—	—	—	—	—	—	1	16	—	5	—	...
七月 July	7	7	—	—	—	4	—	—	7	4	—	—	—	—	—	—	—	—	5	27	—	13	—	...
八月 Aug.	13	7	—	—	1	1	—	—	3	4	2	—	—	—	—	—	—	—	5	24	—	9	—	...
九月 Sept.	20	16	—	—	1	2	2	1	5	8	3	1	—	—	—	—	—	—	—	7	—	—	—	...
十月 Oct.	9	5	5	—	—	2	—	—	11	4	—	2	11	—	15	4	3	—	—	—	—	—	—	...
十一月 Nov.	2	1	1	1	—	—	—	—	14	2	2	2	11	14	26	17	13	—	—	—	—	—	—	...
十二月 Dec.	4	1	6	—	—	—	—	1	20	4	2	—	20	31	31	31	30	—	—	—	—	—	—	...
全年 Annual	109	68	36	3	2	14	4	3	112	50	20	15	85	121	180	147	122	—	11	75	—	27	—	...

昭和七年三月二十八日印刷
昭和七年四月二日發行

關東廳觀測所

大連市若狹町三十三番地
印刷人　太田信三

大連市若狹町三十三番地
印刷所　小林又七支店印刷部