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昭和五年一月

滿洲氣象表

REPORT

OF THE

METEOROLOGICAL OBSERVATIONS

MADE AT THE

METEOROLOGICAL STATIONS

IN

MANCHURIA.

JANUARY, 1930.

PUBLISHED BY THE METEOROLOGICAL OBSERVATORY, DAIREN.

National Oceanic and Atmospheric Administration

Environmental Data Rescue Program

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凡　例

本編ハ昭和五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九九九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

EXPLANATION.

The present publication contains the results of the meteorological observations made at the meteorological stations in Manchuria for the month of January 1930.

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.

acc no. 60708

現　象　記　號

ILLUSTRATION OF SYMBOLS

(1) 萬國共通記號　*International symbol.*

雨	●	Rain	霜	⊔	Hoar frost	日暈	⊕	Solar halo
雪	✳	Snow	露	⌓	Dew	日ノ環	⦶	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	⊟	Frozen water
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	層卷雲	SC	Alto-stratus	層積雲	SK	Strato-cumulus
積雲	K	Cumulus	積卷雲	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

DAIREN.

昭和五年一月　　JANUARY, 1930.

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		二十四時平均 Mean for 24h.	22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	計 Total
65.4	64.4	65.2	63.5	63.6	64.1	64.4	—	[illegible]	SE	2.2	S	4.0	S	4.6	—	0.4	NW	1.0	1.9	—	—	—	—	—	—	—
65.0	64.8	67.9	66.3	67.2	69.3	66.8	NNW	6.1	N	9.6	NNW	9.6	NNW	13.2	NNW	10.4	NNW	8.9	9.1	—	—	—	—	—	—	—
70.3	69.4	71.1	69.0	69.1	70.0	69.8	NNW	10.8	NNW	9.6	NNW	9.2	NNW	10.4	NNW	7.7	NNW	3.9	9.6	—	—	—	—	—	—	—
69.8	69.3	70.4	68.6	69.1	69.2	69.4	NNW	5.0	NNW	7.8	NNW	6.1	NW	6.7	NNW	5.8	NNW	1.5	5.9	—	—	—	—	—	—	—
68.5	68.0	68.8	67.5	68.4	69.3	68.4	NNW	3.9	NNW	3.8	NNW	4.4	NNW	5.3	NNW	6.2	NNW	3.2	4.2	—	—	—	—	—	—	—
69.7	69.5	70.6	69.1	69.7	70.3	69.8	N	1.2	NNW	3.4	NNW	4.0	NW	4.6	NW	3.0	NNW	3.3	3.0	—	—	—	—	—	—	—
69.6	68.6	68.4	66.7	68.1	68.4	68.3	NNW	0.9	NNW	1.3	NNE	2.9	N	4.2	NNW	4.8	NNW	1.4	2.7	—	—	—	—	—	—	—
68.7	68.9	70.3	68.7	69.0	68.7	69.1	WNW	3.5	NNW	5.5	NNW	5.5	NW	5.0	NNW	1.6	NNW	1.7	3.8	—	—	—	—	—	—	—
68.0	66.8	67.9	65.3	66.0	67.1	66.9	NNW	4.1	NE	1.6	SSW	2.8	W	4.6	NW	6.0	WNW	2.3	3.4	—	—	—	—	—	—	—
67.0	67.3	68.8	67.6	68.4	68.7	68.0	WNW	2.0	WNW	1.5	NE	3.0	ENE	3.0	NNW	2.9	NNW	2.7	2.2	—	—	—	—	—	—	—
68.1	67.9	68.6	66.8	67.7	68.2	67.9	NNW	2.4	NNW	2.5	N	2.2	NNW	3.4	NW	2.5	NNW	1.9	2.6	—	—	—	—	—	—	—
68.4	68.2	69.2	67.6	68.0	68.0	68.3	NNW	2.3	NNW	1.5	N	3.6	SSE	2.4	SW	2.2	W	1.6	2.3	—	—	—	—	0.0	—	0.0
67.0	65.6	65.2	62.3	61.5	60.9	63.8	SSW	4.1	S	4.9	SSW	6.8	SSW	8.8	SSW	3.9	SW	3.7	5.1	—	—	—	—	—	—	—
60.4	60.4	62.4	61.2	60.1	59.1	60.6	WNW	4.2	WNW	3.7	NNW	4.3	NW	4.7	—	0.1	NW	1.1	3.1	0.2	—	—	—	—	—	0.2
58.7	57.1	57.3	55.4	56.6	58.0	57.2	SSW	3.2	SSW	5.4	S	7.8	SSW	5.0	W	4.0	NNW	5.3	4.7	—	—	—	—	—	—	—
59.6	59.8	61.4	60.0	60.5	60.2	60.3	NNW	4.1	NW	4.6	WNW	2.0	WNW	5.5	WNW	3.9	SW	3.5	3.6	—	—	—	—	—	—	—
59.9	58.9	59.5	58.3	59.7	60.4	59.6	SW	2.9	SW	2.6	WNW	5.5	WNW	4.2	NNW	3.7	NNW	1.2	3.4	—	—	—	—	—	—	—
61.2	62.0	64.7	63.9	65.2	65.8	63.8	NNW	1.7	NNW	3.8	NNW	6.3	NW	6.6	NNW	5.1	WNW	2.5	4.5	—	—	—	—	—	—	—
65.7	64.9	64.8	63.6	64.0	63.8	64.5	WNW	2.0	WNW	1.7	S	2.2	WNW	3.8	SSW	4.1	SSW	4.9	3.1	—	—	—	0.0	0.0	—	0.0
63.6	63.6	64.2	63.3	64.5	64.5	64.0	SW	3.8	SW	4.5	SW	4.1	WNW	4.7	SW	2.9	S	4.7	4.1	—	—	—	—	—	—	—
64.4	63.7	63.9	61.9	62.0	62.4	63.1	SSW	4.3	SSW	4.1	SSW	4.1	S	5.9	WNW	3.0	WNW	2.3	3.9	—	—	—	—	0.0	0.6	0.6
62.6	63.3	64.5	62.7	63.4	62.9	63.2	SW	2.5	W	3.0	W	1.5	SSW	1.6	SSW	4.1	SSW	7.5	3.3	0.0	—	—	—	—	—	0.0
62.9	62.0	64.2	62.6	63.4	63.7	63.1	SW	4.4	NW	3.4	NW	5.0	NW	7.6	NNW	4.7	NNW	1.2	5.0	—	—	—	—	—	—	—
63.2	61.9	62.3	60.5	60.9	62.0	61.8	NNW	1.4	SW	3.6	W	5.1	WNW	11.4	WNW	6.4	—	0.0	4.6	—	—	—	—	—	—	—
62.0	62.0	63.0	61.4	62.3	63.2	62.3	S	2.5	NNE	0.9	ENE	2.6	NE	2.8	NW	1.7	NW	1.9	2.1	—	—	—	—	—	—	—
62.8	62.3	63.1	61.8	62.0	62.1	62.4	NW	2.3	NW	0.5	WNW	1.8	NW	4.7	NW	3.6	NW	2.0	2.7	—	—	—	—	—	—	—
62.6	61.9	62.9	61.1	60.9	61.0	61.7	NW	2.0	NW	2.0	NW	2.3	NW	3.7	NW	3.1	WNW	3.4	2.6	—	—	—	—	—	—	—
60.7	60.0	60.7	60.0	60.5	60.8	60.5	NW	6.2	NW	4.8	NW	9.1	NW	9.6	NNW	10.7	NNW	8.7	7.7	—	—	—	—	—	—	—
61.4	61.6	61.6	60.2	60.6	60.5	61.0	NNW	5.5	NNW	6.0	NNW	6.9	NNW	8.9	WNW	5.2	NW	4.5	6.3	—	—	—	—	—	—	—
60.6	59.8	60.4	59.1	60.0	60.7	60.1	WNW	2.3	WNW	0.9	W	1.6	S	5.2	NNW	1.6	NNW	0.9	2.3	—	—	—	—	—	—	—
60.8	60.4	62.0	61.5	62.6	63.7	61.8	NNW	0.8	S	3.8	NNW	5.5	NNW	8.2	NNW	7.8	NNW	5.9	4.9	—	—	—	—	—	—	—
64.5	64.0	65.0	63.5	64.0	64.4	64.2		3.3		3.7		4.6		5.8		4.3		3.2	4.1	0.2	—	—	0.0	0.0	0.6	0.8

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 WITHOUT 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		
98.7	98.6	2.9	2.3	0.6	99.7	0.5	4.7	97.7	7.0	68	85	53	51	70	87	69	10 cs	10 c	10 ks, sc	10 sk	10 cs	10.0	5.14	1.7
96.0	92.8	88.9	89.1	87.2	86.2	90.0	99.7	86.0	13.7	88	57	65	62	66	60	66	10 cs, c	10 sc, cs	4 ck	3 sc	3 sc	6.0	5.50	1.5
85.0	83.6	84.4	86.0	84.6	85.0	84.8	86.3	83.2	3.1	61	54	45	51	55	56	54	4 sc	3 c	10 c	0 —	0 —	3.4	6.30	1.5
84.0	83.0	84.2	86.8	85.2	84.6	84.6	86.9	82.6	4.3	54	56	55	61	62	75	61	0 cs	2 c	6 s	2 s	0 —	2.0	7.20	1.1
84.7	84.5	86.4	88.7	86.6	86.0	86.[illegible]	[illegible]	84.3	4.7	73	65	57	58	53	59	61	0 —	0 —	0 kc	0 sk	0 —	0.0	7.53	1.2
85.6	85.4	87.5	89.8	88.4	86.9	[illegible]	[illegible]	84.9	5.1	63	62	43	47	57	58	55	6 c, sk	1 sc	0 kc	0 —	0 —	1.4	7.85	1.0
86.7	87.9	89.9	91.1	88.9	87.[illegible]	[illegible]	[illegible]	6.4	5.2	53	56	61	56	54	60	5[illegible]	0 sk	10 sk, kc	9 sk, c	0 sk	0 —	3.8	5.75	1.2
89.1	87.4	89.1	91.4	90.1	[illegible]	[illegible]	[illegible]	[illegible]	5.5	52	55	51	48	54	57	53	0 —	0 —	0 —	0 —	0 —	0.0	8.25	1.3
90.5	91.3	97.5	97.4	99.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	8.4	67	76	44	40	67	67	60	0 sk	0 sk	0 sk	0 —	0 —	0.0	8.75	1.4
91.3	90.7	94.6	95.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.7	88	82	55	39	50	49	61	0 —	1 c	9 c, sk	10 sc	10 sc	6.0	6.60	1.5
91.6	91.6	93.3	9[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90.9	4.2	59	51	42	40	54	59	51	10 sc	10 cs	0 c	2 c	0 —	4.4	6.20	1.2
90.0	89.6	93.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	89.2	8.5	63	63	58	49	56	53	57	0 —	0 —	1 sk	2 sk	0 —	0.6	7.45	1.2
95.5	95.9	9[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.3	93.5	6.8	51	62	48	43	65	61	55	10 kc, sk	10 sc, cs	3 sk, cs	10 c,sk,c	5 cs, c	7.6	6.35	1.9
95.4	92.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	96.9	91.3	5.6	68	59	44	39	55	64	55	0 ck	0 —	0 —	1 c	10 cs	2.2	7.72	1.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93.1	2.8	61	58	46	44	58	78	58	10 ks	1ck,k,c,sk	10 c,sc,k	10 c, sc	10 —	6.2	6.62	1.8
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95.6	7.7	53	67	53	41	56	51	54	2 c	0 —	0 k	10 cs	0 —	2.4	6.90	1.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	96.7	5.6	50	62	58	41	50	64	54	0 —	0 —	0 —	0 —	0 —	0.0	8.23	1.8
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.9	5.2	56	70	57	52	55	63	59	0 —	0 sk	0 k	0 —	0 —	0.0	8.50	1.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	88.4	10.4	67	73	65	65	70	70	68	0 —	10 c	10 n	0 sk	0 —	4.0	5.95	1.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95.0	8.0	68	62	61	50	67	70	63	0 —	0 —	1 sk, s	0 —	0 —	0.2	8.00	1.7
[illegible]	[illegible]	[illegible]	0.2	98.4	97.4	99.4	2.5	97.2	5.2	55	69	62	64	85	92	71	10 sc, cs	10 cs	10 sc	10 n	7 n	9.4	3.05	0.9
[illegible]	[illegible]	0.1	3.1	98.7	99.0	99.1	4.6	95.8	8.8	79	76	54	49	58	76	64	0 —	0 —	0 sk	1 c	0 —	0.2	7.95	1.5
[illegible]	[illegible]	95.1	96.4	93.9	92.5	95.3	99.1	92.3	6.8	73	83	86	44	45	44	63	1 sc	10 sc, c	0 —	2 cs	0 c	2.0	6.60	1.8
[illegible]	[illegible]	99.2	0.1	97.7	95.6	97.0	0.6	92.5	8.1	27	66	48	39	60	64	51	0 —	0 —	0 —	0 —	0 —	0.0	8.50	1.5
[illegible]	[illegible]	99.0	99.6	97.2	95.7	97.0	0.0	94.2	5.8	58	85	38	34	42	57	52	0 —	0 —	1 c	0 c	0 —	0.2	8.19	1.5
[illegible]	[illegible]	97.0	98.8	96.0	93.3	95.7	99.5	93.2	6.3	64	57	48	45	60	69	57	1 c	8 c, cs	4 cs	0 —	0 —	2.6	7.50	1.6
[illegible]	[illegible]	95.0	98.6	96.0	94.5	95.0	99.2	92.1	7.1	73	81	77	44	70	77	70	2 c	10 cs, sc	5 c, cs	10 ck, cs	0 —	5.4	6.23	1.5
[illegible]	[illegible]	97.0	96.5	94.8	93.8	95.6	97.3	93.6	3.7	69	73	54	49	63	54	60	2 sk	3 c	0 —	0 —	0 —	1.0	7.40	2.2
[illegible]	[illegible]	93.6	96.2	94.0	92.6	93.3	96.5	90.4	6.1	59	72	64	48	65	71	63	0 —	0 —	0 —	0 sk	0 —	0.0	8.80	1.7
[illegible]	[illegible]	0.4	2.7	97.5	96.2	97.1	3.6	91.7	11.9	70	63	60	58	84	86	70	0 sk	3 sc	2 sk	0 —	0 —	1.0	9.00	1.3
[illegible]	[illegible]	97.2	98.4	94.8	94.2	96.4	98.7	94.0	4.7	45	63	57	38	50	46	50	0 —	0 —	0 —	0 —	0 —	0.0	8.12	2.6
[illegible]	[illegible]	95.0	96.4	93.9	92.9	93.9	97.5	90.8	6.7	62	67	55	48	60	64	59	2.5	3.6	3.1	2.7	1.5	2.7	222.18	[illegible]

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

海面ニノ更正　Reduction to mean sea level……+ 9.6

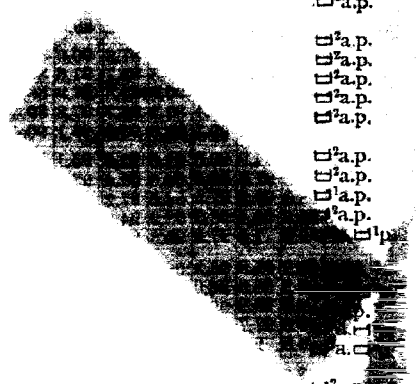
大　連

昭和五年一月　　DAIREN.　　JANUARY, 1930.

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	6.0m	7.0m	8.0m	9.0m	10.0m	最低地溫(攝氏) MIN. TEMP. ON GRASS. (°C)	最高日溫(攝氏) MAX. TEMP.
1	2.8	3.5	3.0	2.7	3.3	3.9	3.2	96.0	0.0	99.5	98.5	95.4	96.6	98.3	99.1	2.6	6.4	9.5	11.5	12.5	13.3	13.7	13.7	13.6	13.4	93.6	
2	3.0	1.5	1.3	1.2	1.1	0.9	1.5	96.7	95.1	90.5	94.1	92.7	94.5	96.0	99.5	2.5	6.4	9.3	11.5	12.4	13.0	13.5	13.5	13.6	13.4	84.4	
3	0.9	0.7	0.6	0.8	0.8	0.8	0.8	89.0	90.0	86.0	88.3	88.2	91.6	94.3	97.8	2.6	6.4	9.5	11.5	12.6	13.1	13.7	13.6	13.6	13.5	82.7	
4	0.7	0.7	0.7	1.0	0.9	1.0	0.8	84.0	90.8	85.3	86.7	86.5	90.1	93.1	95.7	2.1	6.2	9.0	11.1	12.5	13.1	13.7	13.6	13.6	13.5	82.4	
5	1.0	0.9	0.9	1.1	0.9	0.9	1.0	84.3	91.0	85.0	86.8	86.1	89.4	91.2	94.5	1.6	5.9	9.0	11.0	12.4	13.0	13.5	13.5	13.5	13.4	81.8	
6	1.0	0.9	0.8	1.0	1.1	1.0	1.0	84.7	91.3	87.0	87.7	87.1	89.6	91.2	94.2	1.6	5.9	8.8	10.8	12.0	12.8	13.4	13.4	13.5	13.4	81.6	
7	0.9	1.0	1.3	1.3	1.1	1.1	1.1	86.0	93.0	87.0	88.7	87.4	89.8	91.3	94.0	0.9	5.6	8.7	10.8	11.9	12.7	13.4	13.5	13.4	13.4	83.6	
8	1.0	1.0	1.0	1.1	1.2	1.2	1.1	87.0	93.5	89.0	89.8	87.4	89.8	91.4	94.0	0.5	5.4	8.6	10.7	11.9	12.6	13.3	13.3	13.3	13.4	85.6	
9	1.5	1.8	1.7	1.5	1.9	1.7	1.7	89.0	98.0	91.1	92.7	90.5	91.1	92.0	94.5	0.6	5.4	8.5	10.7	11.9	12.7	13.3	13.5	13.5	13.5	86.0	
10	2.1	1.9	1.7	1.3	1.4	1.2	1.6	89.2	96.0	92.0	92.4	90.5	91.9	93.4	95.5	0.5	5.1	8.5	10.6	11.9	12.7	13.3	13.4	13.4	13.5	87.5	
11	1.4	1.2	1.2	1.3	1.5	1.4	1.3	91.1	97.0	91.2	93.1	92.3	91.5	95.1	96.0	0.5	4.9	8.4	10.5	11.8	12.5	13.2	13.3	13.4	13.4	89.5	
12	1.4	1.3	1.6	1.9	1.8	1.6	1.6	88.8	96.9	91.3	92.3	90.1	91.1	93.6	95.5	0.3	4.6	8.0	10.1	11.5	12.4	13.1	13.2	13.2	13.2	86.4	
13	1.7	2.1	1.9	2.0	2.4	2.2	2.1	91.9	98.8	94.2	95.0	93.4	93.0	94.4	96.0	0.5	4.6	8.0	10.3	11.6	12.5	13.1	13.2	13.4	13.4	90.6	
14	2.2	1.5	1.3	1.3	1.5	1.9	1.6	93.2	97.0	91.0	93.7	93.4	94.3	95.9	96.8	0.2	4.4	7.7	10.0	11.4	12.2	13.0	13.0	13.2	13.1	90.4	
15	2.0	2.2	2.1	2.2	2.3	2.6	2.2	92.8	99.8	96.0	96.2	94.8	94.4	95.6	97.5	0.5	4.4	7.8	10.0	11.4	12.3	13.0	13.2	13.3	13.3	92.4	
16	1.5	1.7	1.8	1.7	1.9	1.8	1.7	91.7	98.7	93.5	94.6	93.1	94.2	96.1	97.4	0.4	4.0	7.4	9.7	11.1	12.1	12.8	13.0	13.0	13.0	90.7	
17	1.8	2.1	2.4	1.7	1.7	1.9	1.9	92.2	98.8	93.0	94.7	93.6	93.9	95.7	97.4	0.6	4.2	7.5	9.8	11.1	12.1	12.9	13.0	13.2	13.2	89.5	
18	1.6	1.8	1.5	1.4	1.2	1.3	1.5	91.0	95.9	89.8	92.2	92.1	93.0	95.2	97.0	0.5	3.9	7.2	9.5	10.9	12.0	12.8	13.0	13.0	13.0	87.6	
19	1.3	1.5	2.3	2.5	2.5	2.4	2.1	88.0	97.0	94.2	93.1	90.5	91.1	93.5	96.0	0.6	4.1	7.2	9.6	11.0	12.0	12.7	13.0	13.2	13.2	85.2	
20	2.4	2.3	2.9	2.8	2.8	2.8	2.7	93.5	99.4	96.0	96.3	94.4	94.0	94.3	96.5	0.2	3.9	6.9	9.2	10.7	11.8	12.7	13.0	13.2	13.2	93.8	
21	2.4	2.9	3.2	3.0	3.5	3.5	3.1	96.0	0.0	98.1	98.0	96.9	96.5	97.3	98.0	0.5	3.9	6.9	9.4	10.9	11.8	12.6	13.0	13.1	13.1	95.6	
22	3.0	2.7	2.5	2.3	2.4	3.2	2.7	96.8	99.8	96.8	97.8	96.8	97.2	98.3	98.8	0.6	3.9	6.9	9.3	10.9	11.8	12.7	13.0	13.1	13.2	93.7	
23	2.8	2.9	2.7	1.6	1.3	1.2	2.1	95.2	97.8	92.0	95.0	96.2	97.6	99.0	98.7	0.7	3.7	6.7	9.0	10.5	11.6	12.5	13.0	13.0	13.1	88.8	
24	0.8	2.2	2.1	1.8	2.3	2.1	1.9	91.8	99.0	94.2	95.0	93.6	93.8	95.9	97.6	0.5	3.6	6.6	8.9	10.4	11.5	12.3	12.6	13.8	13.0	89.4	
25	1.9	2.7	1.6	1.5	1.6	1.9	1.9	92.2	98.5	93.7	94.8	93.6	94.5	96.4	97.8	0.9	3.6	6.6	9.0	10.4	11.5	12.4	12.7	13.0	13.1	91.5	
26	1.9	1.7	1.8	1.9	2.0	1.9	1.9	92.0	99.2	93.5	94.9	94.0	95.3	96.0	97.5	0.6	3.4	6.4	8.8	10.3	11.3	12.2	12.4	12.7	13.0	90.0	
27	2.0	2.2	2.4	1.9	2.4	2.3	2.2	91.9	99.0	94.7	95.2	93.2	94.8	95.6	97.5	0.7	3.6	6.5	8.9	10.4	11.4	12.2	12.6	12.9	13.0	90.8	
28	2.3	2.4	2.0	1.7	2.0	1.5	2.0	94.0	98.5	93.2	95.2	95.1	94.2	96.5	97.5	0.5	3.4	6.2	8.5	10.0	11.2	12.1	12.5	12.7	12.8	92.8	
29	1.5	1.7	1.8	1.7	1.9	1.9	1.8	91.0	97.8	92.1	93.6	92.6	93.6	95.6	97.5	0.6	3.5	6.4	8.7	10.3	11.3	12.1	12.5	12.8	13.0	89.8	
30	1.8	1.8	2.8	3.2	3.2	3.0	2.6	90.6	0.0	94.1	94.9	92.4	93.0	95.1	97.7	0.5	3.4	6.2	8.5	10.0	11.0	11.9	12.5	12.7	12.8	88.3	
31	1.5	2.5	2.1	1.6	1.6	1.4	1.8	93.7	99.2	93.0	95.3	94.3	94.6	96.3	97.7	0.7	3.6	6.4	8.6	10.1	11.2	12.2	12.6	12.8	13.0	90.7	
平均 Mean	1.7	1.8	1.8	1.7	1.9	1.9	1.8	91.1	97.0	92.2	93.4	92.2	93.2	95.0	96.8	0.9	4.6	7.7	9.9	11.2	12.2	12.9	13.1	13.2	13.2	88.6	

記　事
REMARKS.

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



♂9.13-20.23h-
-♂-5.7.9.12.14-15h.

⊟¹a.p.
⊟²a.p.
⊟²a.p.
⊟²a.p.
⊟²a.p.
⊟²a.p.
⊟²a.p.
⊟²a.p.
⊟²a.p.
⊟²a.p.
⊟²a.p.
⊟¹a.p.
⊟¹a.p.
⊟¹p.

⚹°14h15,⚹°15h05-15h10.
⚹°22h52-
-⚹°-0h17.

⚹°12h01…14h30.

⚹°16h43-16h47. ⚹°17h55…21h56. ⚹°22h30-23h45.

♂13-15h.

♂15-18h.

⊟²a.p.
⊟²a.
⊟²a.
⊟²a.
⊟²a.

營口
YINGKOW.

昭和五年一月 JANUARY, 1930.

氣壓※(粍) AIR PRESSURE. (mm) (700 mm +)

2h	6h	10h	14h	18h	22h	平均 Mean
74.1	73.3	73.5	72.6	73.9	75.0	73.7
77.2	78.5	79.1	78.9	79.8	80.5	79.0
81.4	81.4	81.9	80.2	79.4	79.8	80.7
79.8	79.7	80.1	78.3	78.5	78.4	79.1
77.8	78.0	78.2	77.3	77.7	78.2	77.9
78.4	78.3	80.2	78.7	78.9	79.1	78.9
78.6	77.5	78.3	76.5	76.6	77.0	77.4
78.3	77.4	79.5	77.4	77.1	77.3	77.8
76.6	75.3	76.3	75.1	74.7	76.0	75.7
76.4	76.5	78.5	77.1	78.0	78.0	77.4
77.6	77.3	77.7	76.1	77.0	77.6	77.2
77.6	77.1	78.7	76.6	76.7	76.5	77.2
74.2	72.5	72.8	70.2	68.8	68.5	71.2
68.3	69.4	71.1	69.9	68.6	67.2	69.1
65.8	64.1	64.2	63.7	65.8	67.5	65.2
68.0	68.4	69.1	68.2	68.4	68.2	68.4
67.4	66.6	68.8	67.9	69.0	69.5	68.2
70.5	71.0	74.3	73.7	74.4	74.7	73.1
74.4	72.9	73.3	71.5	71.9	71.9	72.7
71.5	71.2	72.3	71.7	72.7	73.3	72.1
72.8	71.8	72.4	69.5	69.7	70.0	71.0
70.6	71.3	72.4	70.7	71.7	71.0	71.3
71.2	71.9	74.3	72.2	72.7	72.1	72.4
71.0	70.1	69.7	68.4	69.2	70.7	69.9
71.2	71.2	72.0	70.5	71.3	71.7	71.3
71.4	71.6	72.3	71.5	71.4	71.7	71.7
72.1	71.4	72.5	70.6	70.4	70.2	71.2
69.7	69.2	70.2	69.7	70.9	71.0	70.1
70.9	71.2	71.9	69.9	69.8	69.7	70.6
69.5	68.9	69.5	68.3	68.8	69.1	69.0
69.2	69.9	72.2	71.3	72.3	73.0	71.3
73.3	73.1	74.1	72.7	73.1	73.4	73.3

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.
NNE	1.8	NNE	1.8	NNE	1.7	N	1.6	NNE	3.1	NNE	4.8	2.3
NNE	5.3	N	5.8	NNE	6.8	NNE	7.6	NNE	4.6	NNE	5.8	6.1
NNE	5.3	NNE	3.0	NE	4.7	NE	2.3	E	1.5	E	2.9	3.6
N	3.2	N	1.2	N	3.7	NNW	3.7	NNE	0.9	SE	0.8	2.3
N	1.9	NNE	1.2	ESE	1.7	NNE	1.3	N	1.3	E	0.9	2.4
ESE	1.8	SE	1.2	SE	1.1	E	0.8	SE	1.1	SE	2.0	1.2
SE	1.8	NE	1.5	ENE	0.9	N	1.8	NW	0.8	ESE	1.4	1.5
N	3.5	E	0.8	SSE	2.0	NW	1.1	SSE	0.9	SSE	2.5	1.5
SE	1.8	SE	1.5	SSE	1.3	SE	1.0	NW	1.2	NW	1.5	1.4
SE	0.8	SE	0.6	NE	2.9	NE	1.2	NE	0.6	NE	0.9	1.1
NNE	1.2	ESE	1.1	—	0.4	NE	1.4	NE	1.1	E	1.0	1.2
E	1.2	ESE	1.3	SE	1.2	SE	1.2	SE	1.4	ESE	1.4	1.3
SSE	2.5	SSE	2.6	S	5.7	SSW	5.9	SSW	3.9	SW	2.6	3.6
NNE	4.4	NE	1.6	NE	0.8	SE	1.8	SE	1.8	SE	1.8	2.1
SE	2.7	S	6.3	SSW	5.3	WSW	4.7	NNE	2.4	NE	0.6	3.6
ESE	1.3	SE	1.4	SSE	1.7	SW	2.3	S	2.0	SSE	1.6	1.8
SSE	1.6	SSE	1.3	E	1.7	NE	1.8	ESE	0.6	ESE	0.9	1.5
N	2.1	N	3.6	NNE	3.5	N	3.1	NE	1.1	SE	1.6	2.0
SE	1.5	ESE	1.8	SSE	2.3	SSW	1.8	SSW	1.2	SE	1.9	2.0
SE	1.4	SE	2.3	SSE	1.8	SSW	3.9	SW	0.9	—	0.4	1.6
SE	1.6	SE	1.6	S	2.6	SSW	4.7	SSW	1.9	WSW	1.0	2.7
SSW	1.7	SSW	0.9	S	1.3	SSE	1.9	SSE	1.6	SSE	1.1	1.1
SSE	0.6	NNE	2.5	NE	2.7	E	2.7	SE	1.3	SE	1.8	1.9
SSE	2.3	S	2.1	S	1.8	SSW	2.5	S	1.2	S	1.2	2.0
SSE	0.9	SSE	1.6	SE	2.4	SE	1.3	SE	1.2	SE	1.6	1.4
SE	1.8	SE	1.8	NE	1.4	NE	2.8	NE	2.1	N	1.8	1.8
N	1.8	N	2.6	NNE	2.0	NE	2.1	NE	1.8	NNE	1.6	2.2
N	1.8	N	2.2	N	4.6	N	6.4	N	4.1	N	2.3	3.1
N	1.9	N	1.9	NE	2.9	E	1.9	ENE	0.8	ENE	0.6	1.7
E	0.5	E	0.8	E	0.6	E	1.5	—	0.2	SE	1.1	1.0
SE	2.3	SE	0.9	NE	1.9	N	4.1	E	0.5	NE	1.2	1.8
	2.1		2.0		2.5		2.7		1.6		1.7	2.0

降水量(粍) AMOUNT OF PRECIPITAION. (mm)

22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	合計 Total
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—	—	—	—	—	—	—
—	—	—	—	—	—	—
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—	—	—	—	—	—	—
—	—	—	—	—	—	—
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—	—	—	—	—	—	—
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—	—	—	—	—	0.0	0.0
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
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—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	1.3	0.7	2.0
—	—	—	—	—	—	—
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—	—	—	—	—	—	—
—	—	—	—	1.3	0.7	2.0

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
88.2	87.2	90.1	95.5	94.0	91.0	91.0	96.5	85.7	10.8
88.2	85.3	85.1	86.9	85.2	83.2	85.7	91.5	82.5	9.0
82.3	80.2	82.0	84.0	80.9	79.8	81.5	84.7	78.5	6.2
80.9	78.9	83.2	85.3	83.0	81.2	82.1	86.0	76.3	9.7
81.2	79.4	84.0	85.8	84.1	81.5	82.7	87.0	76.5	10.5
79.5	78.7	84.7	87.7	84.2	80.6	82.6	88.8	75.8	13.0
79.3	80.0	86.0	89.0	86.0	82.7	83.8	89.6	78.3	11.3
81.7	81.7	87.0	90.4	85.9	85.3	85.3	91.5	79.5	12.0
83.3	83.3	90.5	94.5	91.3	86.5	88.2	95.5	81.4	14.1
84.4	83.3	88.3	91.9	88.8	86.8	87.3	93.0	81.6	11.4
86.5	84.5	90.9	92.4	88.3	85.0	87.9	93.0	83.6	9.4
84.2	82.2	89.6	93.3	89.8	86.0	87.5	94.5	81.1	13.4
86.2	87.7	95.4	97.8	95.9	96.1	93.2	98.2	84.5	13.7
92.9	88.2	91.5	92.7	89.5	86.6	90.2	96.4	85.5	10.9
90.4	94.4	97.1	98.2	93.7	89.9	94.0	99.6	85.9	13.7
85.5	85.7	94.6	98.3	93.8	89.1	91.7	98.6	84.2	14.4
[illegible]	87.7	94.2	96.7	92.1	88.5	91.3	97.3	85.7	11.6
[illegible]	[illegible]	90.0	91.7	88.3	84.3	88.7	92.2	83.2	9.0
[illegible]	[illegible]	91.8	97.2	93.0	89.0	90.3	97.5	81.0	16.5
[illegible]	[illegible]	95.4	99.5	95.0	89.8	92.8	0.4	86.0	14.4
[illegible]	[illegible]	96.9	99.6	97.8	96.3	96.0	99.8	87.6	12.2
[illegible]	[illegible]	95.3	98.8	92.6	90.3	93.5	99.3	88.4	10.9
[illegible]	[illegible]	90.3	92.6	89.0	85.0	89.3	93.5	84.3	9.2
[illegible]	[illegible]	95.1	98.2	91.0	90.0	91.2	99.2	82.1	17.1
[illegible]	[illegible]	92.3	96.9	93.2	88.8	90.4	98.8	84.0	14.8
[illegible]	[illegible]	91.7	97.5	92.7	91.6	91.4	98.1	84.5	13.6
[illegible]	[illegible]	90.9	95.7	94.3	92.3	91.5	96.5	85.4	11.1
[illegible]	[illegible]	93.0	96.0	92.6	89.0	92.1	96.1	88.2	7.9
[illegible]	[illegible]	89.7	92.7	89.8	86.7	88.6	93.5	84.4	9.1
[illegible]	[illegible]	92.7	96.7	92.7	89.6	90.1	97.9	82.5	15.4
[illegible]	[illegible]	95.3	97.0	93.0	89.5	91.7	97.3	85.4	11.9
		90.8	93.9	90.4	87.5	89.1	94.9	83.0	11.9

濕度(百分率) REL. HUMIDITY. (%)

2h	6h	10h	14h	18h	22h	平均 Mean
96	74	85	78	100	86	87
82	81	71	65	71	67	73
53	60	47	49	62	66	56
50	63	42	40	46	57	50
60	65	49	41	40	57	52
64	70	51	29	40	55	52
60	66	63	30	42	61	54
68	53	49	36	59	67	55
60	67	65	60	69	82	67
96	89	64	40	48	65	66
68	75	63	42	64	75	65
77	71	63	42	56	63	62
76	75	66	56	78	75	71
66	68	51	42	53	65	58
66	68	66	70	56	64	65
70	76	71	46	73	73	68
68	71	60	47	59	76	64
80	69	57	45	57	74	64
76	74	64	50	87	92	74
90	88	80	65	85	100	85
100	94	86	83	100	97	93
100	100	100	68	93	92	92
90	96	65	53	65	76	74
83	84	64	42	75	74	70
80	81	65	45	61	76	68
75	77	67	51	69	80	70
86	91	75	67	71	77	78
80	71	63	48	60	69	65
81	86	70	64	70	82	76
80	83	62	45	69	70	68
80	87	49	43	63	66	65
76	77	64	51	66	74	68

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

6h	10h	14h	18h	22h	平均 Mean
0 —	10 c	2 ck	10 sc	10 sc	6.4
0 —	5 c	10 cs	3 c	0 —	3.6
0 —	0 —	0 c	0 —	0 —	0.0
0 —	0 —	3 c	0 —	0 —	0.6
0 —	0 —	0 —	0 —	0 —	0.0
0 —	0 —	0 —	0 —	0 —	0.0
0 —	0 —	0 —	0 —	0 —	0.0
0 —	0 —	0 —	0 —	0 —	0.0
0 —	0 —	0 —	5 cs	10 c	3.0
10 c, cs	10 cs, c	7 c	0 —	0 —	5.4
0 —	0 —	0 —	0 —	0 —	0.0
10 c, cs	10 kc, sk	10 c, cs	10 cs, ck	10 sk	10.0
0 —	0 —	0 —	4 c	10 c, cs	2.8
10 sc, cs	10 c, ck	10 kc, c	0 —	0 —	6.0
0 —	0 —	0 —	0 —	0 —	0.0
0 —	0 —	0 —	0 —	0 —	0.0
0 —	0 —	0 k	0 —	0 —	0.0
0 —	0 —	0 —	0 —	0 —	0.0
0 —	0 —	0 —	0 —	10 s	2.0
10 sc, n	10 sc, sk	10 sc	10 n	10 sk	10.0
10 s	10 c	0 —	6 ck, s	0 —	5.2
10 s	7 c, cs	0 —	0 —	0 —	3.4
0 —	0 —	0 —	0 —	0 —	0.0
0 —	0 —	0 —	0 —	0 —	0.0
0 —	10 c	10 c	0 —	0 —	4.0
0 —	5 c	10 c, cs	10 ck	10 cs, ck	7.0
0 —	10 cs	10 c, cs	0 —	0 —	4.0
0 —	0 —	0 —	0 —	0 —	0.0
0 —	0 —	0 —	0 —	0 —	0.0
0 —	0 —	0 k	0 —	0 —	0.0
1.9	3.1	2.6	1.9	2.3	2.4

日照時數 NO. OF HOURS WITH SUNSHINE. 218.25

蒸發量(粍) EVAPORATION AMOUNT 18.9

※ 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.

昭和五年一月 JANUARY, 1930

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 To[tal]
1	70.8	69.4	68.7	67.5	68.9	71.4	69.5	ENE	2.0	ENE	3.5	ENE	1.9	WNW	2.5	NNW	1.9	N	2.0	2.4	—	—	—	—	0.0	—	[illegible]
2	73.4	74.4	75.8	74.8	75.2	76.2	75.0	NE	1.6	NNE	2.3	NNE	3.3	NE	6.7	ENE	2.8	NNE	2.8	3.2	—	—	—	—	—	—	
3	76.6	76.6	**76.7**	75.0	74.3	74.4	75.6	N	3.4	N	2.4	N	3.1	W	3.1	W	2.0	SW	1.4	2.3	—	—	—	—	—	—	
4	74.3	74.1	74.4	73.1	73.3	73.1	73.7	NNW	2.7	W	0.6	WNW	2.9	W	2.6	—	0.0	S	0.8	2.2	—	—	—	—	—	—	
5	73.0	72.5	73.2	72.1	72.6	72.9	72.7	NW	1.3	WSW	1.6	NW	4.1	NW	5.7	W	1.3	SSW	2.5	2.7	—	—	—	—	—	—	
6	73.5	73.9	75.2	73.5	74.0	74.0	74.0	SW	2.2	SW	1.8	WSW	2.2	WSW	3.4	S	2.6	SSE	2.9	2.4	—	—	—	—	—	—	
7	73.9	73.2	73.6	71.3	71.3	71.9	72.5	SE	2.2	ESE	2.2	S	1.2	WSW	5.3	SW	2.1	SW	1.6	2.6	—	—	—	—	—	—	
8	73.8	72.7	74.0	72.3	72.1	72.4	72.7	NW	3.0	W	2.6	WNW	2.5	SSW	3.4	SSE	2.2	SW	2.5	2.7	—	—	—	—	—	—	
9	72.1	71.4	72.4	70.3	70.5	71.1	71.3	SSW	2.2	SE	2.7	SE	1.8	S	4.4	S	2.5	SSE	1.3	2.5	—	—	—	—	—	—	
10	71.6	72.5	74.0	73.1	73.4	73.7	73.1	SE	1.6	—	0.2	SSE	0.6	WSW	4.0	SSW	3.7	ESE	2.4	1.9	—	—	—	—	—	—	
11	73.5	73.0	73.4	71.6	72.4	73.0	72.8	ESE	3.4	ESE	2.7	ESE	1.9	W	1.6	W	1.2	S	1.3	2.1	—	—	—	—	—	—	
12	72.6	72.5	74.0	72.2	72.2	72.1	72.6	E	1.9	E	2.4	E	1.6	SSW	2.0	SSW	1.3	E	3.8	2.2	—	—	—	—	—	—	
13	70.3	67.9	67.5	65.0	64.0	63.8	66.4	E	5.4	ESE	5.4	S	7.6	SSW	8.2	SSE	6.9	S	6.0	6.5	—	—	—	—	0.0	0.0	[illegible]
14	64.2	64.6	66.2	65.3	64.2	62.7	64.5	NNE	3.4	W	1.8	W	2.3	SSW	2.9	SSE	2.2	ESE	5.5	3.2	0.5	—	—	—	—	—	
15	61.9	**59.1**	59.2	**59.1**	61.3	62.6	60.5	ESE	5.0	SE	2.7	SSW	4.6	NW	5.0	NW	1.3	SSW	2.2	4.1	—	—	—	0.0	—	—	[illegible]
16	63.4	63.6	64.1	63.3	63.5	63.3	63.5	SE	2.0	SE	1.6	SSE	1.9	SSW	4.4	S	3.8	S	1.6	2.8	—	—	—	—	—	—	
17	62.9	62.8	64.3	63.4	64.5	65.1	63.8	ESE	3.7	ESE	1.3	W	2.5	W	2.9	SSW	2.0	SE	1.9	2.4	—	—	—	—	—	—	
18	66.0	67.0	69.0	68.7	69.6	69.6	68.3	—	0.1	—	0.4	NW	1.8	WNW	2.4	S	3.6	SSE	2.3	2.0	—	—	—	—	—	—	
19	69.3	68.2	68.9	67.2	67.4	67.2	68.1	ESE	4.0	ESE	3.9	SE	2.9	SW	6.7	S	3.3	SSE	2.9	3.5	—	—	—	—	—	—	
20	67.3	67.3	68.1	67.4	68.5	68.6	67.9	ESE	5.3	ESE	4.3	ESE	1.4	W	1.7	SSE	1.5	ESE	3.9	2.8	—	—	—	—	—	—	
21	68.5	67.4	67.2	65.1	65.1	65.0	66.4	ESE	4.1	ESE	4.3	ESE	3.3	SSW	4.3	SSW	3.2	WSW	1.4	3.3	—	—	—	—	—	0.0	[illegible]
22	65.4	66.4	68.0	66.5	66.9	66.5	66.6	SW	2.9	WSW	1.0	SW	1.3	S	4.5	SSE	2.3	S	2.4	2.2	—	—	—	—	—	—	
23	67.0	67.4	68.9	67.4	67.4	66.9	67.5	ESE	2.6	NE	3.7	N	4.7	WNW	2.2	SSW	2.5	S	2.9	2.7	—	—	—	—	—	—	
24	66.0	64.3	64.5	63.7	64.9	65.5	64.8	SE	4.2	SW	2.6	SW	3.6	W	3.1	SSW	1.5	S	1.3	2.4	—	—	—	—	—	—	
25	66.3	66.5	67.1	66.2	66.6	67.5	66.7	S	2.0	SE	2.2	SSE	1.9	W	2.5	SSE	2.1	ESE	2.7	2.2	—	—	—	—	—	—	
26	67.5	67.4	68.1	67.1	67.5	67.6	67.5	ESE	4.6	E	4.1	ENE	3.3	NE	5.0	NE	4.3	NE	2.5	3.7	—	—	—	—	—	—	
27	67.6	67.5	67.9	66.4	65.9	65.4	66.8	NNE	1.1	ENE	3.5	NE	2.3	NE	3.6	NE	2.6	NNE	3.1	2.6	—	—	—	—	—	—	
28	65.0	64.4	65.6	64.8	65.9	66.3	65.3	NE	2.0	NNE	4.6	NNE	7.4	NNE	6.3	NNE	2.0	NNE	3.4	4.4	—	—	—	—	—	—	
29	66.3	66.5	67.2	65.2	65.1	65.4	66.0	NNE	3.0	NE	2.7	—	0.0	NNE	4.1	N	2.6	SSE	1.3	2.2	—	—	—	—	—	—	
30	65.3	65.1	65.0	63.7	64.3	64.6	64.7	E	2.6	E	2.3	ESE	3.0	S	1.9	SSW	0.8	ESE	1.9	2.3	—	—	—	—	—	—	
31	64.5	65.1	67.1	66.6	67.3	68.3	66.5	E	3.4	SSW	1.4	NNW	3.4	WNW	4.7	N	1.6	ENE	2.4	3.0	—	—	—	—	—	—	
平均 Mean	68.8	68.5	69.3	68.0	68.4	68.7	68.6		2.9		2.5		2.8		3.9		2.4		2.5	2.8	0.5	—	—	0.0	0.0	0.0	

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)
1	84.2	85.6	89.8	94.2	90.4	86.6	88.5	94.8	84.2	10.6	93	86	81	76	85	86	85	7	c, cs	10	cs	10	s,n	3	s	1	s	6.2	0.00	
2	84.0	80.8	82.6	85.2	83.5	81.7	83.0	86.6	79.9	6.7	89	87	88	76	73	70	81	0	—	0	—	1	s	0	—	0	—	0.2	7.07	
3	79.1	78.4	80.2	83.3	79.5	76.1	79.4	84.4	76.1	8.3	66	62	66	57	71	81	67	0	—	0	—	0	sc	0	—	0	—	0.0	7.10	
4	78.3	74.8	79.4	83.5	79.5	76.3	78.6	84.3	73.8	10.5	64	70	71	63	78	81	71	0	—	0	—	0	—	0	—	0	—	0.0	7.80	
5	78.3	74.1	81.0	83.5	79.3	76.9	78.9	84.1	73.9	10.2	72	79	62	53	71	82	70	0	—	0	—	8	c	0	—	0	—	1.6	7.60	
6	74.8	74.8	82.3	86.7	80.9	78.3	79.6	87.1	74.0	13.1	84	80	65	61	74	77	74	0	—	0	—	0	—	0	—	0	—	0.0	7.58	
7	76.1	73.9	83.5	87.2	81.4	78.5	80.1	87.4	**73.2**	14.2	86	89	78	62	76	84	79	0	—	0	—	0	—	0	—	0	—	0.0	7.59	
8	79.3	80.1	83.7	88.4	83.3	81.9	82.8	89.0	77.0	12.0	80	72	68	64	78	82	74	0	—	0	—	0	—	0	—	0	—	0.0	7.87	
9	80.4	76.7	85.4	91.8	85.9	83.0	83.9	92.4	76.2	16.2	85	92	86	55	76	83	80	0	—	0	—	0	—	0	—	0	—	0.0	7.80	
10	79.4	76.8	85.4	90.6	84.7	82.9	83.3	91.1	79.3	14.8	89	92	81	65	75	83	81	0	—	0	—	0	—	0	—	10	kc	2.0	7.82	
11	80.3	80.0	85.7	89.9	85.3	81.2	83.7	90.9	79.7	11.2	88	86	81	61	76	87	80	2	cs	10	cs	8	c	0	sk	0	—	4.0	7.10	
12	78.5	77.7	85.0	91.7	86.3	82.6	83.6	92.3	77.1	15.2	92	92	85	61	82	88	83	0	—	0	—	0	—	0	—	0	—	0.0	8.25	
13	82.8	84.1	92.0	96.3	94.1	93.2	90.5	96.4	81.7	14.7	86	84	71	73	79	97	82	0	—	10	s	10	s	10	s	8	s	7.6	0.20	
14	89.1	81.8	88.5	60.9	85.1	83.8	86.5	93.2	81.3	11.9	67	88	76	56	76	83	74	0	—	0	—	0	—	3	c	10	cs	2.6	8.45	
15	83.7	87.7	94.4	96.6	90.3	85.6	89.7	97.1	83.2	13.9	85	79	73	51	61	76	71	9	sc, cs	4	ck	0	—	0	—	0	—	2.6	5.51	
16	82.4	79.5	88.8	94.8	88.7	86.7	86.8	95.5	79.4	16.1	88	93	72	66	76	82	80	0	—	0	—	0	—	0	—	0	—	0.0	8.48	
17	83.4	81.9	89.3	93.9	88.1	83.6	86.7	95.1	80.4	14.7	89	88	77	59	80	89	80	0	—	0	—	0	—	0	—	0	—	0.0	[illegible]	
18	81.3	81.4	84.4	89.6	83.8	80.2	83.5	89.9	78.7	11.2	96	87	89	70	89	93	87	0	—	0	—	0	—	0	—	0	—	0.0	[illegible]	
19	79.2	78.2	86.8	94.4	88.0	84.7	85.2	94.8	77.9	**16.9**	94	92	78	65	84	95	85	0	—	0	—	0	—	0	—	0	—	0.0	[illegible]	
20	84.4	83.5	92.8	97.2	91.9	87.7	89.6	**98.4**	83.3	15.1	94	94	78	55	80	96	83	0	s	0	—	0	—	0	—	0	—	0.0	[illegible]	
21	86.0	87.5	91.9	96.5	96.1	94.5	92.1	96.8	85.9	10.9	92	91	93	81	94	100	92	10	sc	10	cs	10	s, sk	10		8	s	9.6	[illegible]	
22	91.4	86.5	92.0	97.5	92.7	88.5	91.4	97.6	85.2	12.4	100	100	97	58	81	88	87	2	s	0	—	0	—	0	—	0	—	0.4	[illegible]	
23	86.0	88.4	90.7	93.8	88.1	84.0	88.5	95.3	84.0	11.3	95	80	65	64	84	89	80	0	—	2	c	0	—	0	—	0	—	0.4	[illegible]	
24	82.4	84.7	91.7	97.1	91.8	87.2	89.2	98.1	81.8	16.3	93	89	80	59	83	91	83	0	—	0	—	0	sk	0	—	0	—	0.0	[illegible]	
25	83.8	82.0	91.1	96.9	91.5	87.7	88.8	97.9	81.2	16.7	96	94	69	53	76	87	80	0	—	0	—	0	—	0	—	0	—	0.0	[illegible]	
26	86.8	85.8	91.5	97.0	94.3	91.8	91.2	97.2	85.4	11.8	92	91	76	64	76	80	80	0	—	0	—	0	—	0	—	0	—	0.0	[illegible]	
27	89.0	88.0	92.5	96.6	94.5	93.1	92.3	96.8	87.3	**9.5**	91	88	71	59	74	78	77	0	—	0	—	9	c	6	cs, s	8	cs, s	4.6	[illegible]	
28	89.8	89.9	90.5	94.3	92.2	88.9	90.9	94.6	88.9	**5.7**	85	81	75	65	74	80	77	10	cs	10	cs	10	cs	0	—	0	—	6.0	[illegible]	
29	86.9	84.5	86.0	93.4	91.9	85.4	88.0	93.9	82.8	11.1	82	84	91	58	76	95	81	0	—	0	—	0	—	0	—	0	—	0.0	[illegible]	
30	82.6	83.2	89.1	96.8	92.6	87.6	88.8	97.3	82.8	14.5	96	94	85	52	71	91	82	0	—	0	c	0	—	0	—	0	—	0.0	[illegible]	
31	86.1	83.8	91.6	94.4	92.4	89.5	89.6	95.4	83.4	12.0	91	94	64	**49**	62	81	74	0	—	0	—	1	sk	0	—	0	—	0.2	[illegible]	
平均 Mean	82.9	81.8	87.7	92.4	88.0	84.8	86.3	93.1	80.5	12.6	87	86	77	62	77	86	79	1.3		1.8		2.2		1.0		1.5		1.5	[illegible]	

※ 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
CHANGCHUN.

和五年一月　　　　JANUARY, 1930.

氣壓※(粍) 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
4.4	54.4	54.4	52.3	51.9	53.5	53.5	ENE	3.5	—	0.4	NE	2.0	ENE	5.0	NE	5.0	NNE	5.6	3.7	—	—	—	0.1	0.3	0.2	0.6
5.2	56.2	57.7	56.7	56.4	56.9	56.5	N	4.0	N	1.1	W	4.1	NW	5.7	W	3.2	WSW	4.8	3.7	—	—	—	—	—	—	—
6.4	55.7	56.1	54.8	54.4	54.1	55.3	WSW	6.5	WSW	6.4	WSW	5.6	WSW	7.7	WSW	5.3	WSW	5.4	6.2	—	—	—	—	—	—	—
3.7	53.0	53.6	52.7	52.9	52.2	53.0	WSW	7.3	SW	7.3	WSW	9.5	WSW	10.5	SW	6.2	SW	8.0	7.7	—	—	—	—	—	—	—
1.3	51.0	51.8	51.0	51.2	51.3	51.3	SSW	6.2	SSW	5.3	SW	5.8	SW	11.5	WSW	8.9	WSW	11.1	8.1	—	—	—	—	—	—	—
1.8	52.6	54.2	53.3	53.4	53.9	53.2	WSW	8.8	WSW	6.2	WSW	7.0	SW	9.5	SW	5.8	SW	10.5	7.4	—	—	—	—	—	—	—
3.8	53.1	53.2	51.2	51.1	50.8	52.2	SW	7.6	SW	5.8	W	10.3	W	9.6	WSW	4.4	WSW	6.8	7.2	—	—	—	—	—	—	—
1.0	51.8	52.8	51.6	51.8	52.0	51.8	WSW	5.7	W	4.7	SW	8.4	WSW	8.8	WSW	5.4	SW	6.9	6.7	—	—	—	—	—	—	—
2.1	52.1	52.7	51.8	52.2	52.2	52.2	SW	5.8	SW	6.0	WSW	6.6	WSW	7.2	WSW	1.6	WSW	1.9	5.3	—	—	—	—	—	—	—
2.2	52.2	53.5	53.2	53.8	53.8	53.1	WSW	5.5	SW	5.8	SW	6.4	WSW	10.2	WSW	5.2	SSW	4.7	6.0	—	—	—	—	—	—	—
3.9	53.5	54.5	53.5	54.1	54.6	54.0	S	5.7	WSW	5.3	WSW	9.3	W	4.1	WSW	2.3	WSW	4.3	4.9	—	—	—	—	—	—	—
4.4	54.7	55.0	53.9	53.9	53.5	54.2	WSW	1.8	WSW	2.3	SW	5.3	WSW	6.4	WSW	3.4	SSW	2.6	3.0	—	—	—	—	—	—	—
2.7	50.2	48.7	45.6	45.2	44.5	47.8	SSW	6.3	S	5.9	S	11.4	SW	14.6	SW	6.3	WSW	8.5	9.5	—	—	—	—	0.0	0.1	0.1
5.0	45.5	46.5	46.5	46.5	45.1	45.9	W	6.7	W	5.3	WSW	5.5	SW	8.8	SW	10.5	SSW	5.8	6.1	—	—	—	—	—	—	—
4.3	42.1	40.9	39.9	41.9	42.9	42.0	S	6.3	S	5.0	SSW	8.7	SW	11.2	WSW	5.8	WSW	6.7	7.3	—	—	—	—	—	—	—
3.9	44.3	44.5	44.1	44.6	45.3	44.5	WSW	6.7	WSW	6.9	SW	10.8	WSW	11.7	SW	6.4	WSW	5.5	7.0	—	—	—	—	—	—	—
5.2	44.9	45.3	44.4	45.5	46.7	45.3	SW	3.9	SW	2.7	SW	5.0	W	4.7	W	4.5	N	2.6	3.7	—	—	—	—	—	0.0	0.0
7.9	49.1	50.3	49.7	50.3	49.5	49.5	N	3.0	WNW	2.5	WSW	2.4	WSW	8.2	WSW	6.8	SW	10.2	4.7	0.0	—	—	—	—	—	0.0
9.4	48.9	49.4	48.4	48.2	48.2	48.8	SW	8.1	SW	5.8	SW	8.2	SW	9.0	SSW	3.2	SW	10.5	7.2	—	—	—	—	—	—	—
8.4	48.7	49.8	49.3	51.0	51.0	49.7	SSW	5.5	SW	7.4	SW	8.8	W	6.5	WSW	3.0	SW	3.0	5.0	—	—	—	—	—	—	—
1.0	50.1	49.1	47.3	47.2	46.8	48.6	SW	4.1	SW	5.1	S	5.4	SW	7.9	SSW	3.9	WSW	6.1	5.3	—	—	—	—	—	—	—
7.1	47.5	48.6	47.7	48.0	48.1	47.8	WSW	5.0	SW	1.8	WSW	5.7	SW	7.4	SW	4.4	WSW	4.8	5.3	—	0.0	0.0	—	—	—	0.0
8.2	48.4	49.0	48.1	47.5	47.1	48.1	WSW	5.7	WSW	7.1	W	11.4	W	7.7	WSW	5.8	SW	6.0	7.3	—	—	—	—	—	—	—
6.6	45.5	45.7	45.3	46.6	46.9	46.1	WSW	6.1	SW	7.2	WSW	7.2	W	7.4	W	2.1	W	2.5	5 5	—	—	—	—	—	—	—
6.9	47.1	47.9	48.2	48.9	50.0	48.2	SW	6.7	WSW	6.4	WSW	5.0	W	4.8	SW	4.6	WSW	4.7	5.3	—	—	—	—	—	—	—
1.2	51.5	52.1	51.3	52.3	52.0	51.7	SW	3.9	SW	2.6	SSW	6.3	SE	2.5	E	1.2	E	2.9	2.6	—	—	—	—	—	—	—
1.7	51.6	51.5	50.1	50.0	49.8	50.8	E	1.8	E	0.5	—	0.0	ESE	1.0	ESE	1.0	—	0.0	0.6	—	—	—	—	—	—	—
9.1	49.0	48.7	47.9	48.7	49.3	48.8	—	0.0	—	0.0	NNE	3.0	N	7.9	N	6.0	N	6.0	2.7	—	—	—	—	—	—	—
9.3	49.5	50.0	48.3	48.4	48.4	49.0	N	2.5	NNW	1.8	W	2.6	ENE	2.5	SSE	1.9	SSE	2.8	2.2	—	—	—	—	—	—	—
7.8	47.3	47.5	46.3	46.6	47.0	47.1	S	2.5	S	4.1	S	3.9	S	3.0	S	3.0	S	4.4	3.3	—	—	—	—	—	—	—
5.8	46.6	47.1	47.3	49.5	50.7	48.0	S	3.3	SW	4.6	SW	6.2	W	8.5	NNW	7.0	NNW	1.1	4.4	—	—	—	—	0.2	0.1	0.3
0.1	49.9	50.4	49.4	49.8	49.9	49.9		5.0		4.5		6.4		7.5		4.6		5.4	5.3	0.0	0.0	0.0	0.1	0.5	0.4	1.0

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
7.7	77.3	81.7	84.8	82.8	80.9	80.9	85.4	76.7	8.7	69	75	76	80	82	81	77	0	—	10	s	10	n	10	n	10	s	8.0	0.60	0.3
8.5	76.3	80.0	83.1	79.5	76.7	79.0	83.4	75.5	7.9	81	81	79	57	71	82	75	0	—	0	—	0	—	0	—	0	—	0.0	7.35	0.5
2.8	70.9	74.6	78.2	75.1	73.8	74.2	79.9	70.1	9.8	77	72	79	61	71	79	73	0	—	0	—	0	—	0	—	0	—	0.0	7.42	0.6
2.8	72.0	76.3	80.2	77.3	76.0	75.8	80.5	71.3	9.2	87	75	73	66	67	72	73	0	—	0	—	0	—	0	—	0	—	0.0	7.25	0.5
4.4	72.2	77.2	80.1	77.8	76.6	76.4	80.7	71.5	9.2	71	75	66	61	68	65	68	0	—	0	—	0	—	0	—	0	—	0.0	7.60	0.6
5.3	73.3	79.0	82.8	79.8	78.2	78.1	83.0	71.8	11.2	64	66	63	56	59	80	65	0	—	0	—	0	—	0	—	0	—	0.0	7.50	0.5
6.3	74.7	79.8	82.8	79.8	77.6	78.5	83.0	74.3	8.7	80	79	59	56	59	68	67	0	—	0	—	0	—	0	—	0	—	0.0	7.70	0.4
5.8	73.2	81.2	84.9	81.4	80.6	79.5	85.3	72.0	13.3	66	66	63	56	70	68	65	0	—	0	—	0	—	0	—	0	—	0.0	6.50	0.5
9.2	78.8	83.4	86.2	83.0	80.1	81.8	87.8	77.3	10.5	69	70	62	60	56	72	65	0	—	0	—	0	—	0	—	0	—	0.0	7.70	0.6
9.0	79.3	82.9	86.2	82.0	81.0	81.7	86.8	78.1	8.7	75	78	67	64	65	68	70	0	—	0	—	0	—	0	—	0	—	0.0	7.60	0.5
0.4	78.6	83.8	86.7	82.6	81.1	82.2	87.4	77.9	9.5	76	84	68	57	71	69	71	0	—	0	—	0	—	0	—	0	—	0.0	7.50	0.5
8.9	75.4	86.0	88.3	83.2	80.2	82.0	89.1	75.0	14.1	71	71	63	57	78	80	70	0	—	0	—	0	—	0	—	0	—	0.0	7.45	0.7
9.6	80.7	87.2	94.0	92.7	91.6	87.6	94.0	78.8	15.2	83	80	58	65	90	93	78	10	cs	10	cs	10	sc	9	n	10	s	9.8	1.90	0.3
3.1	79.2	85.1	87.2	81.4	80.4	82.7	91.7	79.0	12.7	73	78	67	62	81	86	75	0	—	0	—	0	—	0	—	0	—	0.0	7.30	0.6
.8	82.0	87.7	92.9	86.3	84.4	85.9	93.0	80.3	12.7	87	88	63	66	77	80	77	0	—	10	cs	4	ck, c	0	—	0	—	2.8	4.13	0.6
.7	82.0	88.5	91.1	87.2	84.7	86.0	92.1	81.3	10.8	81	82	64	60	69	75	72	0	—	0	—	1	s	0	—	0	—	0.2	6.60	0.6
.8	84.2	88.8	91.2	87.3	84.3	86.6	91.6	81.8	9.8	82	89	76	66	74	84	79	10	s, kc	10	cs	0	—	10	s	10	n, sc	8.0	2.15	0.5
.9	78.6	83.8	87.4	83.5	82.6	82.8	88.0	77.8	10.2	86	92	89	66	63	88	84	0	—	0	—	1	s	0	—	0	—	0.2	6.80	0.6
.0	80.6	87.3	91.2	86.3	86.4	85.6	91.4	80.3	11.1	83	86	58	53	69	82	72	0	—	0	—	0	—	0	—	0	—	0.0	7.50	0.6
.2	84.0	90.8	93.2	87.9	83.9	87.3	94.3	83.7	10.6	83	84	75	58	67	79	74	0	—	0	—	0	—	0	—	0	—	0.0	7.25	0.6
.8	83.6	88.7	94.4	94.2	91.6	89 2	95.6	82.0	13.6	87	94	88	73	82	89	86	0	—	10	sc, s	10	sc	10	s	0	—	6.0	0.00	0.5
.1	86.4	89.2	94.4	89.8	87.8	89.3	94.9	84.8	10.1	94	95	96	52	81	91	85	10	n	0	—	4	c	0	—	0	—	2.8	7.35	0.9
.4	81.2	86.6	90.4	87.4	85.4	85.9	90.5	80.3	10.2	88	87	73	58	59	67	72	0	—	0	—	0	—	0	—	0	—	0.0	7.50	0.9
.9	83.8	88.1	92.3	87.0	85.4	87.6	92.9	83.1	9.8	73	74	68	53	74	76	70	0	—	10	kc, cs	1	s	0	—	0	—	2.2	7.90	0.8
.2	82.8	88.9	94.5	90.8	87.6	88.3	95.0	82.3	12.7	73	77	72	52	72	83	72	0	—	0	—	0	—	0	—	0	—	0.0	4.60	1.0
.7	82.7	94.3	96.9	90.8	88.8	89.5	97.8	82.5	15 3	81	82	60	43	75	84	71	0	—	0	—	0	—	0	—	0	—	0.0	7.30	0.7
.1	83.0	89.0	96.2	90.8	88.2	88.9	96.5	82.7	13.8	91	89	85	48	66	84	77	10	s	10	s	3	c	0	—	●0	—	4.6	1.10	0.6
.4	83.6	88.5	95.0	90.1	84.9	87.8	95.2	82.4	12.8	91	94	80	50	61	80	76	0	—	4	c	0	—	0	—	0	—	0.8	7.40	0.8
.7	80.2	87.5	93.2	88.0	84.4	86.0	93.5	79.0	14.5	86	93	79	54	67	75	76	0	—	0	—	0	—	0	—	0	—	0.0	7.40	0.8
.5	81.1	89.6	94.8	89.9	86.0	87.3	95.6	79.1	16.5	78	81	63	50	67	76	69	0	—	5	c	0	—	0	—	0	—	1.0	7.40	0.8
.7	84.5	91.3	92.6	87.8	85.0	87.5	93.5	83.2	10.3	81	89	66	56	83	85	77	0	—	2	c	10	cs, s	10	n	0	—	4.4	4.42	0.7
9	79.6	85.4	89.3	85.3	83.1	83.9	90.0	78.6	11.4	80	81	71	59	71	79	73	1.3		2.6		1.7		1.6		1.0		1.6	188.17	19.1

※ 重力ノ更正　Reduction to standard gravity·············— 0.1
　 海面ヘノ更正　Reduction to mean sea level···············+ 21.8

旅順

昭和五年一月 RYOJUN. JANUARY, 1930

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
1	66.1	65.1	65.3	65.5	W	0.7	WSW	2.9	N	1.8	2.2	—	—	—
2	67.1	67.2	70.4	68.2	NE	10.5	ENE	10.9	ENE	7.7	9.7	—	0.0	—
3	70.9	71.2	71.2	71.1	ENE	8.8	NE	6.9	ENE	2.0	6.1	—	—	—
4	70.5	70.6	70.6	70.6	NE	4.4	N	1.6	ESE	2.1	3.7	—	0.7	0.1
5	69.4	69.4	71.1	70.0	NE	2.3	N	2.0	ESE	1.8	2.1	0.1	—	—
6	70.4	71.0	71.7	71.0	NE	3.0	NNW	3.5	ENE	1.6	2.2	—	—	—
7	70.2	68.5	69.6	69.4	E	2.3	NNW	4.1	NNW	2.7	3.4	0.1	0.2	—
8	69.7	70.6	70.4	70.2	NNW	6.4	N	4.1	—	0.0	3.0	—	—	—
9	68.1	66.9	68.4	67.8	ESE	1.6	WNW	7.4	NW	3.6	4.8	—	—	—
10	68.4	68.3	69.3	68.7	NE	1.5	NW	1.1	N	1.4	2.3	—	—	—
11	69.0	68.2	69.8	69.0	NNE	1.6	WNW	1.4	NNW	2.6	2.5	—	—	—
12	69.9	69.2	69.7	69.6	NNW	3.8	SE	2.9	SW	2.1	4.9	—	0.0	0.0
13	67.6	64.9	61.0	64.5	SSE	2.1	SSW	7.2	SW	6.5	3.5	—	—	—
14	61.1	63.0	60.6	61.6	NNE	2.9	WNW	3.4	NNE	1.1	2.0	0.0	—	—
15	58.6	57.1	59.7	58.5	NNW	2.7	N	6.7	SW	1.2	4.0	—	—	—
16	61.5	61.7	62.1	61.8	SSW	1.2	WNW	8.2	WNW	5.6	4.0	—	—	—
17	60.8	60.3	62.3	61.1	WNW	3.9	WNW	5.0	NNE	2.3	3.6	—	—	—
18	63.6	65.8	67.6	65.7	NE	3.9	N	3.3	NE	2.0	2.8	—	—	—
19	66.3	65.3	65.5	65.7	E	0.8	W	5.7	W	4.1	3.4	—	0.0	0.0
20	65.1	64.7	65.8	65.2	WNW	5.3	W	6.8	WSW	1.1	4.4	—	—	—
21	65.5	63.8	64.1	64.5	WSW	2.6	WSW	4.6	WSW	2.3	3.0	—	—	2.0
22	64.3	64.6	64.8	64.6	WNW	3.2	WNW	5.3	WNW	5.3	4.6	0.0	—	—
23	63.3	64.2	66.0	64.5	WNW	5.7	NE	4.3	NNE	2.1	4.1	—	—	—
24	64.0	63.1	63.9	63.7	WNW	5.6	WNW	12.2	NW	2.2	6.5	—	—	—
25	63.5	63.0	64.4	63.6	—	0.0	S	2.3	NE	0.8	1.7	—	—	—
26	63.6	63.4	63.6	63.5	NNE	2.6	NNW	4.4	NE	4.4	2.7	—	—	—
27	63.4	63.5	62.5	63.1	NNE	3.5	N	2.7	NNW	1.6	3.3	—	—	—
28	62.1	62.0	62.5	62.2	NNW	5.3	NNW	6.4	NNW	5.3	5.2	—	—	—
29	62.8	62.3	62.0	62.4	NNW	2.9	NNW	3.5	NNW	4.7	3.4	—	—	—
30	61.7	61.0	62.7	61.8	SSE	0.5	W	5.6	N	0.5	2.1	—	—	—
31	61.9	63.0	65.0	63.3	WNW	2.7	NE	5.8	ENE	1.9	3.3	—	—	—
平均 Mean	65.5	65.3	65.9	65.6		3.4		4.9		2.7	3.7	0.2	0.9	2.1

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)
1	99.3	2.8	0.5	0.9	4.5	97.5	7.0	67	57	75	66	0 —	10 sk	6 sk	5.3	4.63	
2	93.2	89.8	87.3	90.1	0.8	86.5	14.3	41	70	62	58	3 sk	6 sk	0 —	3.0	5.20	
3	86.0	87.9	85.4	86.4	88.3	83.9	4.4	55	51	72	59	0 —	2 cs, sk	4 cs	2.0	7.93	
4	84.2	88.2	86.9	86.4	89.0	83.0	6.0	64	80	87	77	6 cs	10 n	9 s	8.3	4.10	
5	86.2	91.0	86.2	87.8	91.5	84.9	6.6	64	56	68	63	3 s	0 s	0 —	1.0	6.65	
6	87.2	91.6	87.8	88.9	92.0	85.3	6.7	70	54	60	61	10 sk	7 kc	1 sk	6.0	6.85	
7	88.6	91.3	89.6	89.8	93.9	86.8	7.1	69	72	53	65	2 cs, s	8 s	0 sk	3.3	2.71	
8	90.5	93.3	90.1	91.3	94.0	86.5	7.5	48	42	50	47	0 —	0 kc	0 —	0.0	8.40	
9	93.0	97.0	95.2	95.1	97.6	88.6	9.0	75	50	54	60	0 sk	0 sk	0 kc	0.0	8.46	
10	93.0	98.9	92.2	94.7	0.1	91.5	8.6	63	44	46	51	0 —	10 c	10 sc	6.7	6.80	
11	92.1	96.5	91.5	93.4	97.8	91.0	6.8	49	38	73	53	10 sc	0 —	0 —	3.3	7.23	
12	91.6	98.0	94.6	94.7	99.7	90.3	9.4	66	63	65	65	0 —	10 n	0 —	3.3	8.02	
13	94.2	99.9	97.0	97.0	0.5	92.9	7.6	70	46	79	65	4 kc	2 cs, k	10 sk	5.3	4.64	
14	95.2	98.2	94.8	96.1	98.6	91.8	6.8	73	57	69	66	10 sk	0 —	10 cs, kc	6.7	8.60	
15	97.0	1.8	95.0	97.9	2.3	93.9	8.4	76	44	77	66	10 sc	7 c, sk	4 sc	7.0	6.15	
16	93.6	99.6	97.4	96.9	0.2	92.2	8.0	61	53	51	55	3 c	0 k	0 —	1.0	8.42	
17	97.2	0.3	94.8	97.4	1.5	93.5	8.0	60	49	50	53	0 —	0 —	0 —	0.0	8.60	
18	93.0	95.6	89.4	92.7	96.4	88.2	8.2	63	61	70	65	0 sk	6 sk	0 —	2.0	8.32	
19	90.6	98.0	95.8	94.8	98.7	88.4	10.3	75	73	78	75	0 —	10 n	0 —	3.3	4.83	
20	97.6	2.1	98.4	99.4	2.8	95.0	7.8	69	63	75	69	0 —	6 k, sk	0 —	2.0	8.10	
21	99.0	0.4	97.4	98.9	2.5	96.3	6.2	78	68	92	79	10 c, cs	10 sc	10 n	10.0	1.90	
22	97.0	1.9	98.9	99.3	2.7	95.6	7.1	89	47	85	74	0 sk	0 —	3 cs	1.0	8.45	
23	98.4	97.6	94.0	96.7	99.5	92.0	7.5	75	38	30	48	0 —	0 —	0 —	0.0	7.90	
24	96.0	0.5	97.8	98.1	1.3	92.2	9.1	73	53	77	68	0 —	0 —	0 —	0.0	8.70	
25	97.0	2.5	96.6	98.7	3.2	94.7	8.5	79	43	47	56	0 —	0 k	0 —	0.0	8.66	
26	95.1	0.6	95.0	96.9	1.6	94.0	7.6	64	45	69	59	8 cs	10 cs	0 —	6.0	7.80	
27	94.2	0.0	96.6	96.9	0.3	93.0	7.3	79	55	70	68	0 —	3 c	0 —	1.0	7.40	
28	97.0	98.0	94.7	96.6	99.0	94.0	5.0	69	59	65	64	0 —	0 —	0 —	0.0	7.95	
29	92.4	97.4	93.4	94.4	98.2	91.3	6.9	77	53	64	65	0 —	0 —	0 —	0.0	8.70	
30	95.2	3.0	97.0	98.4	3.9	91.7	12.3	82	65	89	79	0 —	1 sk	0 —	0.3	9.00	
31	98.0	99.4	94.7	97.4	0.6	93.6	7.0	84	46	50	60	0 —	0 —	0 —	0.0	8.81	
平均 Mean	93.6	97.5	93.7	95.0	98.8	91.0	7.8	69	55	66	63	2.5	3.8	2.2	2.8	219.91	

* 重力ノ正更 Reduction to standard gravity ····· — 0.4
* 面海ヘノ正更 Reduction to mean sea level ····· + 7.8

鞍山 ANZAN.

昭和五年一月 JANUARY, 1930

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	70.4	68.4	71.4	70.1	NE	1.4	W	1.8	E	3.4	2.2	—	—	—	—
2	74.6	75.2	77.0	75.6	NE	4.1	NE	9.3	E	2.3	4.7	—	—	—	—
3	77.6	76.5	74.8	76.3	NE	2.1	NE	3.5	SW	1.8	2.6	—	—	—	—
4	75.0	73.8	73.1	74.0	NNE	2.3	WNW	3.3	S	1.8	2.1	—	—	—	—
5	73.4	72.9	74.0	73.4	SW	1.5	NE	2.9	W	2.1	1.7	—	—	—	—
6	74.8	74.1	74.9	74.6	WNW	1.2	SE	2.0	SW	2.4	1.9	—	—	—	—
7	74.4	72.2	72.8	73.1	SW	0.9	E	0.6	SW	2.3	2.0	—	—	—	—
8	73.8	72.2	73.5	73.2	SSW	1.3	SW	1.8	SSW	3.2	2.8	—	—	—	—
9	72.3	71.2	71.6	71.7	SSW	2.6	WSW	0.9	SE	0.5	1.8	—	—	—	—
10	72.6	74.1	73.9	73.5	W	0.7	ESE	1.8	S	0.5	1.5	—	—	—	—
11	73.3	72.1	73.9	73.1	S	2.0	NNW	2.0	SE	0.5	1.5	—	—	—	—
12	73.6	72.8	67.3	71.2	S	2.3	SW	2.3	WSW	1.1	1.5	—	—	—	—
13	68.9	66.2	64.7	66.6	SW	4.7	SW	9.3	SW	4.3	5.5	—	—	0.9	0.9
14	65.0	66.2	63.6	64.9	NNW	2.0	ESE	1.4	SSE	1.8	1.9	0.6	—	—	0.6
15	60.3	59.1	63.8	61.1	SSW	7.0	SW	6.4	SE	1.5	4.7	—	—	—	—
16	64.4	63.9	64.5	64.3	S	2.8	SSW	3.4	S	2.9	2.9	—	—	—	—
17	63.5	64.2	65.7	64.5	SW	2.9	NE	1.8	SSW	0.9	1.7	—	—	—	—
18	67.4	69.4	70.9	69.2	E	1.8	NNE	2.3	S	2.3	1.9	—	—	—	—
19	69.2	67.7	67.9	68.3	S	2.4	SW	4.1	S	1.3	2.4	—	—	—	—
20	67.7	67.5	69.4	68.2	SSW	2.7	W	2.0	S	0.9	1.9	—	—	—	—
21	68.3	65.5	65.8	66.5	SSW	1.7	SW	4.9	SW	1.5	2.7	—	—	0.0	0.0
22	66.7	67.0	67.8	67.2	SW	2.1	SSW	1.4	S	2.0	1.6	0.3	—	—	0.3
23	68.0	68.6	68.2	68.3	—	0.0	NE	3.8	S	2.1	1.9	—	—	—	—
24	66.0	64.4	66.3	65.6	SSW	3.8	SW	3.8	SSW	1.8	3.1	—	—	—	—
25	67.1	66.9	67.8	67.3	SSW	2.1	SW	2.9	SSW	1.2	1.9	—	—	—	—
26	67.4	67.4	63.0	65.9	ESE	2.7	NE	2.9	E	2.8	1.8	—	—	—	—
27	68.0	67.3	66.0	67.1	ESE	0.5	NE	2.6	ESE	1.7	1.3	—	—	—	—
28	64.7	66.2	67.2	66.0	NE	2.0	ENE	4.0	ENE	3.0	3.0	—	—	—	—
29	67.5	66.4	66.1	66.7	—	0.0	NE	2.3	S	1.1	1.2	—	—	—	—
30	64.9	64.6	65.0	64.8	SSW	0.6	WNW	1.1	SSW	1.5	1.0	—	—	—	—
31	66.1	67.9	69.0	67.7	S	2.3	NE	3.6	E	1.3	2.1	—	—	—	—
平均 Mean	69.3	68.8	69.1	69.0		2.1		3.1		1.9	2.3	0.9	—	0.9	1.8

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	84.8	93.0	89.8	89.2	96.1	83.1	13.0	80	78	77	78	0 —	10 cs	4 sk	4.7	4.20	1.0
2	82.4	85.2	81.2	82.9	90.1	81.2	8.9	82	86	73	80	0 —	0 —	0 —	0.0	7.50	1.1
3	77.5	81.4	78.4	79.1	82.6	76.7	5.9	83	64	70	72	0 —	1 cs	0 —	0.3	7.70	1.3
4	78.2	82.5	79.4	80.0	83.7	75.4	8.3	55	56	71	61	0 —	4 cs	0 —	1.3	7.50	0.9
5	76.9	83.4	78.3	79.5	84.7	76.1	8.6	74	48	77	66	0 —	0 —	0 —	0.0	8.00	0.8
6	78.3	84.6	81.0	81.3	86.7	76.9	9.8	77	33	62	57	0 —	0 —	0 —	0.0	7.80	0.7
7	80.4	87.2	82.4	83.3	88.4	79.4	9.0	73	43	66	61	0 —	0 —	0 —	0.0	8.30	0.8
8	79.3	88.8	85.4	84.5	89.6	79.3	10.3	78	47	62	62	0 —	0 —	0 —	0.0	7.90	0.7
9	84.0	92.4	84.3	86.9	93.5	82.4	11.1	80	62	80	74	0 —	0 —	0 —	0.0	6.90	1.0
10	84.8	90.0	84.0	86.3	90.9	81.7	9.2	80	57	84	74	0 —	0 —	0 —	0.0	7.30	0.9
11	84.5	89.4	83.4	85.8	90.4	83.4	7.0	89	70	89	83	0 —	10 cs	0 —	3.3	4.30	0.6
12	81.8	92.4	84.8	86.3	93.2	81.2	12.0	87	50	70	69	0 —	0 —	0 —	0.0	7.50	1.1
13	91.2	97.2	94.2	94.2	97.7	84.5	13.2	66	65	88	72	2 cs	10 cs	10 n	7.3	1.20	1.3
14	84.1	90.8	85.8	86.9	94.4	82.3	12.1	69	59	63	64	0 —	0 —	7 cs	2.3	8.00	1.6
15	94.4	98.0	89.6	94.0	98.3	84.6	13.7	60	56	64	60	10 cs	9 sk	0 —	6.3	2.30	1.5
16	86.8	95.4	90.4	90.9	96.1	84.9	11.2	73	47	57	59	0 —	0 —	0 —	0.0	8.00	1.4
17	91.8	93.7	87.4	91.0	93.8	87.2	6.6	61	50	83	65	0 —	0 —	0 —	0.0	7.90	1.3
18	85.3	88.6	84.2	86.0	89.6	82.4	7.2	81	72	80	78	1 ck	0 —	0 —	0.3	8.00	1.0
19	83.8	95.0	87.8	88.9	95.6	82.2	13.4	79	61	87	76	0 —	0 —	0 —	0.0	8.30	1.1
20	87.3	98.4	91.4	92.4	99.6	86.6	13.0	87	62	97	82	0 —	0 —	0 —	0.0	8.00	1.0
21	93.6	99.0	96.8	96.5	99.5	89.5	10.0	97	71	100	89	0 —	10 sk	10 n	6.7	0.00	0.7
22	94.3	99.0	92.0	95.1	0.0	92.0	8.0	100	37	93	77	10 sk	0 —	0 —	3.3	8.50	1.1
23	90.1	91.8	87.2	89.7	92.5	86.3	6.2	96	62	78	79	0 —	0 cs	0 —	0.0	8.00	0.9
24	89.7	97.2	90.4	92.4	97.8	86.1	11.7	74	50	85	70	0 —	1 ck	0 —	0.3	7.70	1.4
25	87.2	95.2	90.0	90.8	97.1	87.0	10.1	87	66	85	79	0 —	0 —	0 —	0.0	8.20	0.8
26	88.4	94.6	91.0	91.3	95.5	87.1	8.4	84	68	86	79	0 —	8 cs	0 —	2.7	4.10	1.1
27	85.2	94.6	91.3	90.4	95.5	84.0	11.5	81	72	89	81	0 —	10 cs	0 —	3.3	3.40	1.8
28	90.6	92.8	89.6	91.0	95.0	89.2	5.8	85	75	85	82	0 —	10 cs	0 —	3.3	0.00	2.0
29	85.0	91.0	87.3	87.8	92.3	83.3	9.0	90	79	87	85	0 —	0 —	0 —	0.0	8.00	1.9
30	84.0	95.0	89.0	89.3	96.0	83.7	12.3	89	54	85	76	0 —	0 —	0 —	0.0	8.20	1.1
31	8[illegible]	[illegible]	[illegible]	[illegible]	95.0	86.2	8.8	84	69	64	72	5 sk	0 k	0 —	1.7	7.70	1.5
平均 Mean	8[illegible]	[illegible]	[illegible]	[illegible]	93.3	83.4	9.8	80	60	79	73	0.9	2.7	1.0	1.5	200.40	35.4

※ 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　　廣

昭和五年一月　　**KAIYUAN.**　　JANUARY, 1930.

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	66.4	63.7	65.3	65.1	NE	2.9	ENE	4.7	WNW	3.5	3.5	—	—	2.1	2.
2	69.1	70.5	71.9	70.5	—	0.0	NNE	1.8	—	0.0	0.9			—	
3	71.1	69.8	69.9	70.3	SW	0.7	SSW	3.8	WSW	3.3	2.2	—	—	—	
4	58.5	66.8	67.6	67.6	S	3.7	SW	4.1	S	6.4	4.4	—	—	—	
5	66.7	66.5	66.3	66.5	S	1.8	WSW	7.0	S	1.8	4.4	—	—	—	
6	68.2	68.5	69.0	68.6	SSW	3.5	SSW	3.5	S	5.8	4.7	—	—	—	
7	68.0	66.4	66.6	67.0	S	4.0	SSW	6.4	SSW	4.7	4.1	—	—	—	
8	67.0	66.9	66.5	66.8	SW	5.0	SSW	4.7	S	4.2	4.5	—	—	—	
9	66.3	65.8	66.3	66.1	S	3.6	SSW	5.3	W	0.8	3.6	—	—	—	
10	67.3	67.6	68.3	67.7	S	2.9	SSW	4.1	SSW	4.1	2.8	—	—	—	
11	67.7	67.0	68.2	67.6	—	0.0	NNE	1.6	—	0.0	0.9	—	—	—	
12	68.1	67.9	67.7	67.9	—	0.0	SSW	0.9	—	0.0	1.1	—	—	—	
13	63.6	60.0	59.2	60.9	S	2.9	SSW	8.2	SSW	5.8	5.5	—	—	2.4	2.
14	58.9	60.4	58.9	59.4	S	3.5	SW	4.1	—	0.0	3.1	1.0	—	—	1
15	54.7	53.4	57.1	55.1	S	5.8	WSW	7.0	S	4.8	4.1	—	—	—	
16	58.3	57.9	59.0	58.4	S	4.1	WSW	5.3	—	0.4	4.3	—	—	—	
17	57.6	59.1	59.9	58.9	ENE	2.2	WSW	2.9	S	3.5	2.2	—	—	—	
18	62.0	63.6	63.4	63.0	S	1.8	SW	2.9	S	4.7	1.9	—	—	—	
19	63.5	62.4	62.5	62.8	S	2.0	SSW	5.8	S	5.8	4.1	—	—	—	
20	62.2	62.4	64.3	63.0	SSW	3.5	SSW	3.5	S	3.5	2.4	—	—	—	
21	63.4	60.7	60.4	61.5	NE	1.8	S	3.5	SSW	2.9	2.6	—	—	—	
22	60.8	61.6	62.0	61.5	SW	1.8	SSW	5.8	S	4.3	3.2	—	—	—	
23	62.5	62.4	60.6	61.8	—	0.0	SSW	5.8	S	5.5	2.3	—	—	—	
24	61.7	58.7	60.6	60.3	SSW	3.5	SW	2.9	S	4.7	3.3	—	—	—	
25	60.8	62.0	62.8	61.9	SSW	2.3	SSW	5.3	—	0.0	3.0	—	—	—	
26	63.1	63.3	64.3	63.6	NE	2.9	NE	1.2	NNE	2.5	2.7	—	—	—	
27	63.5	62.5	58.2	61.4	NE	2.5	NNE	1.8	E	2.2	2.1	—	—	—	
28	60.2	60.3	61.8	60.8	NE	4.1	NNW	4.7	NNW	1.8	3.3	—	—	—	
29	62.2	61.3	61.1	61.5	—	0.0	NNE	1.8	ENE	2.0	1.1	—	—	—	
30	60.1	59.3	59.8	59.7	ENE	1.0	SSW	2.5	SSE	0.7	1.8	—	—	—	
31	60.0	61.4	62.8	61.4	ENE	1.2	WSW	4.7	—	0.0	2.4	—	—	—	
平均 Mean	63.7	63.2	63.6	63.5		2.4		4.1		2.9	3.0	1.0	—	4.5	

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	雪量 (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 OF BRIGHT SUNSHINE.	蒸發量 (粍)
1	80.5	89.5	84.7	84.9	89.5	79.5	10.0	93	70	90	84	1 cs	10 n	2 cs	4.3	0.00	
2	77.7	84.0	75.5	79.1	84.8	72.7	12.1	83	69	79	77	0 —	4 c	0 —	1.3	7.40	
3	71.5	80.7	78.7	77.0	81.8	69.8	12.0	87	43	100	77	0 —	0 c	0 —	0.0	7.50	
4	71.7	80.7	75.7	76.0	80.7	71.7	9.0	87	43	72	67	0 —	0 —	0 —	0.0	8.00	
5	72.7	81.2	75.7	76.5	89.3	72.7	16.6	77	70	81	76	0 —	0 —	0 —	0.0	8.20	
6	73.7	83.2	77.7	78.2	83.5	73.3	10.2	67	62	68	66	0 —	0 —	0 —	0.0	8.10	
7	74.7	84.4	79.2	79.4	84.8	71.4	13.4	70	55	57	61	0 —	0 —	0 —	0.0	7.80	
8	74.6	85.0	81.2	80.3	85.2	74.0	11.2	70	61	45	59	0 —	0 —	0 —	0.0	8.30	
9	78.0	88.6	80.4	82.3	89.4	77.0	12.4	84	54	93	77	0 —	0 —	0 —	0.0	7.80	
10	75.8	87.5	80.7	81.3	88.1	75.3	12.8	81	47	74	67	0 —	0 —	7 c	2.3	8.30	
11	76.6	86.6	77.7	80.3	89.2	76.2	13.0	82	60	76	73	10 cs	3 cs	0 —	4.3	7.00	
12	73.7	88.8	80.8	81.1	89.3	73.4	15.9	89	65	80	78	0 —	0 —	0 —	0.0	7.90	
13	84.9	94.9	93.6	91.1	95.2	76.2	19.0	75	69	87	77	7 sc	10 sc	10 n	9.0	1.30	
14	80.7	88.0	80.9	83.2	93.7	78.0	15.7	87	56	68	70	0 —	0 —	2 c	0.7	8.30	
15	88.6	95.6	84.2	89.5	95.7	79.8	15.9	54	61	74	63	7 c	10 c	0 —	5.7	8.00	
16	79.7	92.9	85.2	85.9	93.2	79.7	13.5	72	54	67	64	0 —	0 —	0 —	0.0	8.30	
17	79.0	91.2	81.7	84.0	91.4	78.4	13.0	78	66	94	79	0 —	0 —	0 —	0.0	8.00	
18	77.4	87.4	81.0	81.9	87.8	76.2	11.6	92	70	87	83	10 sc	0 —	0 —	3.3	7.60	
19	80.0	92.0	86.0	86.0	92.0	76.2	15.8	86	62	82	77	0 —	0 —	0 —	0.0	8.30	
20	86.2	94.6	83.5	88.1	95.1	79.9	15.2	91	65	82	79	0 —	1 c	0 —	0.3	8.20	
21	81.9	95.5	94.4	90.6	95.8	80.4	15.4	88	69	88	82	10 sc	10 n	10 n	10.0	0.00	
22	90.0	94.9	88.8	91.2	96.2	86.4	9.8	96	58	80	78	10 sc	0 —	0 —	3.3	8.00	
23	82.2	91.9	88.2	87.4	93.6	80.4	13.2	77	55	60	64	0 —	1 c	0 —	0.3	8.00	
24	84.2	93.9	84.2	87.4	94.8	82.3	12.5	80	59	80	73	0 —	1 c	0 —	0.3	8.30	
25	82.2	94.6	84.2	87.0	95.3	80.8	14.5	82	55	84	74	0 —	0 —	0 —	0.0	8.70	
26	82.3	94.6	84.8	87.2	96.4	80.6	15.8	88	60	75	74	0 —	0 —	0 —	0.0	8.60	
27	83.2	94.9	86.2	88.1	96.2	82.8	13.4	89	53	86	76	0 —	2 c	0 —	0.7	8.00	
28	87.6	92.2	88.2	89.3	94.5	85.3	9.2	87	67	84	79	0 —	10 cs	0 —	3.3	7.10	
29	79.4	92.0	84.7	85.4	93.6	77.7	15.9	85	58	85	76	0 —	0 —	0 —	0.0	8.70	
30	80.3	94.8	85.7	86.9	95.4	79.0	16.4	93	69	76	79	0 —	0 —	0 —	0.0	8.70	
31	81.2	92.7	86.0	86.6	92.7	80.8	11.9	87	57	91	78	0 —	2 k	0 —	0.7	8.20	
平均 Mean	79.7	90.0	83.2	84.3	91.1	77.7	13.4	82	60	79	74	1.8	2.1	1.0	1.6	226.60	

※ 重力ノ更正　Reduction to standard gravity ..... — 0.2
海面ヘノ更正　Reduction to mean sea level ..... + 9.5

鄭家屯

昭和五年一月 CHENG-CHIA-TUN. JANUARY, 1930.

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
64.9	63.5	65.3	64.6	—	0.2	E	4.1	NE	3.6	2.6	—	0.0	0.2	0.2
68.2	69.1	69.5	68.9	NNE	0.3	NNW	2.0	NNW	2.7	2.0	—	—	—	—
69.5	67.2	66.5	67.7	NNW	5.0	N	5.3	NW	2.5	4.0	—	—	—	—
65.6	65.3	65.4	65.4	NNW	3.1	NW	3.4	NNW	2.0	3.0	—	—	—	—
63.7	63.8	64.6	64.0	NW	4.6	NW	2.8	NW	1.6	3.0	—	—	—	—
65.9	65.7	66.0	65.9	NW	4.0	NNW	5.3	WNW	2.6	3.3	—	—	—	—
65.3	64.1	63.0	64.1	W	1.8	WNW	3.0	NW	2.2	1.7	—	—	—	—
64.3	62.9	63.7	63.6	NW	4.1	NW	5.1	W	1.0	3.5	—	—	—	—
63.4	62.1	63.2	62.9	WNW	2.5	WNW	3.6	W	1.0	2.3	—	—	—	—
64.5	64.7	65.4	64.9	WNW	0.5	NNW	3.6	W	1.1	2.2	—	—	—	—
65.5	65.0	66.0	65.5	SSW	1.2	N	2.3	NNW	0.6	1.6	—	—	—	—
65.0	64.8	64.4	64.7	—	0.1	W	2.4	SW	1.5	1.1	—	—	—	—
59.7	55.9	56.0	57.2	SSW	2.9	WSW	8.5	NW	4.2	4.3	—	—	—	—
56.3	57.6	55.9	56.6	NW	2.2	WNW	2.5	SW	3.3	3.0	—	—	—	—
52.2	51.4	54.0	52.5	SSW	3.7	NNW	4.9	WNW	1.6	3.6	—	—	—	—
55.7	55.1	56.5	55.8	W	2.8	WNW	4.3	WSW	2.0	2.8	—	—	—	—
56.0	56.5	58.4	57.0	—	0.2	NNW	3.8	N	0.9	1.7	—	—	—	—
60.8	61.3	61.1	61.1	—	0.1	NNW	3.2	WSW	2.0	2.0	—	—	—	—
60.6	59.3	59.6	59.8	SSW	1.8	W	3.4	SSW	2.0	2.7	—	—	—	—
60.5	60.4	61.6	60.8	WSW	1.3	NNW	3.6	—	0.0	1.4	—	—	—	—
60.3	58.3	57.8	58.8	SSW	1.2	WSW	4.7	WSW	2.2	2.0	—	—	—	—
59.3	58.7	59.6	59.2	NW	1.1	W	3.9	NW	0.9	2.2	—	—	—	—
61.3	60.0	58.8	60.0	NW	3.0	NNW	6.7	WSW	2.5	3.5	—	—	—	—
56.5	56.8	58.6	57.3	SSW	0.5	WNW	3.7	W	0.6	2.4	—	—	—	—
58.8	59.3	60.9	59.7	W	2.4	NW	2.1	—	0.0	1.7	—	—	—	—
62.2	62.1	62.7	62.3	S	1.4	SSW	0.5	—	0.1	0.5	—	—	—	—
62.2	61.2	60.3	61.2	NE	0.7	ENE	0.8	NNE	0.9	0.7	—	—	—	—
60.8	60.2	61.1	60.7	NE	3.2	NNE	5.1	NNE	3.2	3.5	—	—	—	—
61.5	59.7	59.1	60.1	N	1.2	—	0.3	S	1.2	1.3	—	—	—	—
58.0	56.7	57.7	57.5	—	0.1	SW	3.5	SSW	1.6	1.8	—	—	—	—
58.3	61.3	62.3	60.6	NNW	1.5	N	4.7	—	0.0	2.2	—	—	—	—
61.5	61.0	61.5	61.3		1.9		3.7		1.7	2.4	—	0.0	0.2	0.2

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.
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		
81.3	86.5	83.3	83.7	87.6	78.9	8.7	87	82	89	86	8 cs	10 n	0 —	6.0	0.00	0.3
74.7	82.9	76.0	77.9	85.0	74.0	11.0	90	83	91	88	0 —	2 ck	0 —	0.7	7.71	0.6
74.6	80.7	75.6	77.0	85.5	73.5	12.0	89	73	91	84	0 —	2 c	0 —	0.7	6.92	0.7
73.9	81.6	77.7	77.7	85.2	72.8	12.4	89	76	92	86	0 —	0 —	0 —	0.0	7.81	0.7
75.6	81.5	77.7	78.3	84.5	74.3	10.2	90	64	92	82	0 —	0 —	0 —	0.0	7.78	0.8
73.9	84.8	79.5	79.4	86.6	73.3	13.3	89	61	85	78	0 —	0 —	0 —	0.0	7.89	0.8
71.8	84.7	79.8	78.8	86.4	71.4	15.0	88	56	86	77	0 —	0 —	0 —	0.0	7.80	0.8
77.5	88.2	81.3	82.3	89.4	76.2	13.2	92	43	57	74	0 —	0 —	0 —	0.0	7.95	0.9
78.3	88.1	81.5	82.6	89.4	76.7	12.7	92	53	87	77	0 —	0 —	0 —	0.0	7.83	0.8
76.6	88.3	82.3	82.4	89.8	76.2	13.6	91	46	82	73	0 —	0 —	0 —	0.0	8.06	0.9
76.1	86.9	78.5	80.5	89.1	74.9	14.2	91	58	92	80	0 —	2 ck, s	0 —	0.7	7.59	0.8
74.5	89.3	82.0	81.9	90.6	74.3	16.3	89	52	82	74	0 —	0 —	0 —	0.0	7.99	0.9
81.7	94.6	91.1	89.1	96.0	78.9	17.1	87	57	86	77	2 c	10 sc, cs	2 c	4.7	3.68	1.1
80.2	88.6	83.1	84.0	92.2	78.3	13.9	93	53	89	78	0 —	0 —	10 c, cs	3.3	8.13	0.9
83.5	91.7	86.6	87.3	92.8	82.7	10.1	89	60	77	75	0 —	6 ck, s	0 —	2.0	8.25	1.1
81.9	94.0	83.4	86.4	94.8	81.2	13.6	88	39	83	70	0 —	0 —	0 —	0.0	8.09	1.5
78.7	92.0	83.7	84.8	92.5	78.7	13.8	93	51	89	78	0 —	0 —	1 c	0.3	7.02	1.0
77.8	88.0	82.6	82.8	89.8	77.1	12.7	92	79	88	86	0 —	0 —	0 —	0.0	8.01	0.9
76.4	92.9	84.2	84.5	94.8	75.8	19.0	91	63	89	81	0 —	0 —	0 —	0.0	8.38	0.9
77.6	92.8	84.5	85.0	94.5	77.4	17.1	92	59	84	78	0 —	0 —	0 —	0.0	8.38	1.3
82.4	94.6	89.7	88.9	95.3	80.1	15.2	94	65	85	81	4 cs	10 n	0 —	4.7	0.47	0.7
82.4	95.5	87.4	88.4	97.5	79.3	18.2	94	39	87	73	0 —	0 —	0 —	0.0	8.39	1.9
83.3	93.2	86.7	87.7	94.0	81.9	12.1	89	61	77	76	0 —	0 —	0 —	0.0	8.34	2.0
80.1	93.3	85.8	86.4	94.9	79.4	15.5	93	41	76	70	0 —	0 —	0 —	0.0	8.34	1.5
83.3	95.3	86.6	88.4	97.5	82.3	15.2	94	46	82	74	0 —	0 —	0 —	0.0	8.47	1.6
82.4	97.5	87.7	89.2	99.5	80.4	19.1	94	44	79	72	0 —	0 —	0 —	0.0	8.40	1.6
84.7	96.8	89.2	90.2	98.9	83.8	15.1	89	71	72	77	0 —	0 —	0 —	0.0	7.45	1.4
81.9	90.0	86.4	86.1	92.6	81.3	11.3	94	67	95	85	0 —	2 c	0 —	0.7	7.94	1.0
80.3	94.2	85.5	86.7	96.4	79.4	17.0	93	62	90	82	0 —	0 —	0 —	0.0	8.34	1.4
81.2	97.5	85.8	88.2	98.4	80.7	17.7	93	58	91	81	0 —	0 —	0 —	0.0	8.44	1.7
83.9	90.8	83.4	83.0	92.1	80.1	12.0	94	63	94	84	0 —	0 —	0 —	0.0	7.25	1.1
79.1	90.2	83.5	84.3	92.1	77.9	14.1	91	59	86	79	0.5	1.4	0.4	0.8	227.10	33.6

* 重力ノ更正 Reduction to standard gravity ..... — 0.1
海面ヘノ更正 Reduction to mean sea level ..... + 11.9

洮南

昭和五年一月 TONAN. JANUARY, 1930.

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	62.0	61.1	62.8	62.0	—	0.0	SE	1.8	N	1.3	0.8	—	0.1	—	0.1
2	65.0	65.2	64.6	64.9	—	0.0	NW	3.4	NW	6.7	1.4	1.1	—	—	1.1
3	64.2	62.3	62.2	62.9	W	2.2	NNW	3.5	NW	4.1	3.1	—	—	—	—
4	61.9	59.8	59.1	60.3	NW	2.0	WNW	4.6	NW	4.3	3.6	—	—	—	—
5	59.2	58.4	58.0	58.5	WNW	2.9	WNW	8.2	NW	6.3	5.2	—	—	—	—
6	60.0	56.5	60.2	58.9	W	3.8	WNW	5.3	W	2.9	3.4	—	—	—	—
7	60.2	58.5	58.7	59.1	WNW	4.3	NW	4.3	NW	5.5	4.0	—	—	—	—
8	59.5	58.1	58.1	58.6	WNW	3.7	WNW	3.9	W	2.9	3.5	—	—	—	—
9	58.7	58.2	58.6	58.5	W	3.0	NW	2.0	W	3.0	2.3	—	—	—	—
10	60.4	60.0	61.2	60.5	WNW	2.3	WNW	3.7	WNW	3.8	3.1	—	—	—	—
11	61.5	60.5	60.5	60.8	W	2.5	W	2.0	SSW	2.3	2.4	—	—	—	—
12	61.8	60.1	58.9	60.3	NNW	2.1	W	2.0	SW	3.2	2.6	—	—	—	—
13	55.2	50.8	51.3	52.4	SSW	2.7	WSW	4.5	WNW	3.9	3.6	—	—	—	—
14	52.7	51.9	49.9	51.5	NW	2.1	W	3.8	SW	3.4	2.8	—	—	—	—
15	47.6	46.8	49.6	48.0	SW	1.4	NW	5.5	WNW	3.2	2.9	—	—	—	—
16	50.8	49.9	52.3	51.0	W	2.7	NW	5.3	S	1.3	3.7	—	—	—	—
17	53.2	53.0	55.9	54.0	N	2.2	NNE	2.5	N	0.6	1.9	—	0.1	—	0.1
18	56.9	56.1	55.3	56.1	WNW	1.8	W	4.5	W	3.8	2.8	—	—	—	—
19	55.6	54.6	53.8	54.7	WSW	2.5	W	3.7	W	3.4	3.1	—	—	—	—
20	55.9	56.4	57.1	56.5	NNW	3.2	WNW	1.8	SW	3.4	2.4	—	—	—	—
21	56.0	53.2	53.8	54.3	SW	2.7	WNW	2.6	ENE	1.7	2.2	—	—	—	—
22	55.4	53.7	55.6	54.9	WNW	1.5	NW	1.8	W	3.2	2.0	—	—	—	—
23	56.3	53.8	53.4	54.5	W	3.5	W	8.2	WNW	4.1	4.1	—	—	—	—
24	52.3	52.6	52.9	52.6	W	2.2	NNW	1.5	W	3.4	2.5	—	—	—	—
25	54.8	54.2	55.6	55.0	W	2.6	NNW	4.1	WSW	2.6	2.5	—	—	—	—
26	59.0	57.8	59.4	58.7	N	3.6	N	3.5	NNE	2.3	2.5	—	—	—	—
27	59.4	58.4	58.7	58.8	NNE	0.6	NE	1.4	NNE	4.4	2.3	—	—	—	—
28	59.0	57.7	58.0	58.2	N	4.4	NE	6.1	NNE	1.2	4.0	—	—	—	—
29	57.0	54.9	54.4	55.4	WSW	1.3	WSW	5.8	SW	2.0	2.4	—	—	—	—
30	54.5	52.7	53.5	53.6	SW	2.0	NW	1.4	S	1.5	1.9	—	—	—	—
31	55.4	56.1	58.5	56.7	NNE	3.2	NNW	3.9	NW	3.9	3.2	—	0.1	—	0.1
平均 Mean	57.5	56.2	56.8	56.8		2.4		3.8		3.2	2.9	1.1	0.3	—	1.4

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	74.9	83.3	80.5	79.6	84.0	74.6	9.4	80	78	87	82	3 cs	10 n	0 —	4.3	0.88	0.3
2	72.0	83.1	77.0	77.4	84.4	71.2	13.2	88	68	83	80	3 sc	0 —	0 —	1.0	7.59	0.4
3	72.1	80.0	75.4	75.8	82.0	69.8	12.2	51	73	81	68	0 —	0 —	0 —	0.0	7.59	0.4
4	73.4	84.1	76.9	78.1	85.4	70.6	14.8	69	61	67	66	0 —	0 —	0 —	0.0	7.81	0.5
5	72.2	83.1	78.9	78.1	84.4	71.6	12.8	63	58	65	62	0 —	0 —	0 —	0.0	7.91	0.6
6	74.8	86.9	77.9	79.9	87.2	72.8	14.4	62	91	70	74	0 —	0 —	0 —	0.0	7.76	0.6
7	74.8	84.9	79.5	79.7	86.0	74.6	11.4	71	52	58	60	0 —	0 —	0 —	0.0	7.68	0.6
8	76.6	89.5	81.5	82.5	90.8	75.0	15.8	67	70	22	53	0 —	0 —	0 —	0.0	7.77	0.7
9	76.3	88.3	79.5	81.4	90.4	75.8	14.6	64	55	46	55	0 —	0 —	0 —	0.0	7.86	0.8
10	74.3	88.4	81.9	81.5	91.2	74.2	17.0	49	46	77	57	0 —	0 —	0 —	0.0	8.03	0.6
11	75.8	86.9	79.7	80.8	89.8	75.8	14.0	40	83	73	65	0 —	0 —	0 —	0.0	7.86	0.7
12	75.3	88.1	81.1	81.5	88.8	75.2	13.6	62	53	87	67	0 —	0 —	0 —	0.0	7.91	0.8
13	82.3	88.9	83.1	84.8	91.0	78.1	13.0	82	70	58	70	10 sc	10 c	0 —	6.7	5.53	0.6
14	77.1	90.3	85.1	84.2	91.6	76.3	15.3	67	60	72	66	0 —	0 —	10 cs	3.3	7.41	0.6
15	79.3	91.3	82.7	84.4	92.4	79.2	13.2	73	48	78	66	10 cs	0 —	0 —	3.3	7.65	0.9
16	80.3	92.3	82.3	85.0	93.0	79.4	13.6	73	50	100	74	0 —	0 —	0 —	0.0	6.12	0.9
17	78.5	85.3	79.1	81.0	86.0	77.0	9.0	93	81	100	91	10 s	10 n	2 k	7.3	0.00	0.9
18	74.9	90.1	81.5	82.2	91.6	74.0	17.6	90	40	77	69	0 —	0 —	0 —	0.0	8.18	0.9
19	78.2	93.3	84.5	85.3	94.8	77.4	17.4	62	31	81	58	0 —	0 —	0 —	0.0	8.21	1.0
20	82.3	93.3	85.5	87.0	94.0	81.2	12.8	77	34	72	61	0 —	0 —	0 —	0.0	8.08	0.9
21	82.7	93.1	83.5	86.4	94.8	81.0	13.8	89	63	68	73	10 sc	8 c	0 —	6.0	4.20	0.7
22	77.1	92.9	84.5	84.8	94.4	76.8	17.6	83	63	70	72	0 —	6 c	0 —	2.0	7.34	0.7
23	79.5	92.9	85.9	86.1	93.8	78.4	15.4	80	53	55	62	0 —	0 —	0 —	0.0	8.53	0.9
24	82.7	92.3	86.2	87.1	94.7	81.8	12.9	89	56	61	69	0 —	0 —	0 —	0.0	8.37	1.0
25	82.7	97.3	86.7	88.9	99.1	81.3	17.8	83	54	65	67	0 —	0 —	0 —	0.0	8.46	1.3
26	85.3	95.9	87.7	89.6	97.2	83.0	14.2	91	68	78	78	0 —	0 —	0 —	0.0	8.38	1.2
27	81.9	96.1	87.5	88.5	98.0	81.8	16.2	71	89	91	84	0 —	10 c	0 —	3.3	7.63	1.0
28	81.5	91.7	85.1	86.1	93.4	81.2	12.2	82	62	81	75	0 —	6 c	0 —	2.0	7.70	0.9
29	78.5	94.9	87.3	86.9	96.6	77.2	19.4	78	66	67	70	0 —	0 —	0 —	0.0	8.48	1.2
30	82.7	91.2	85.1	86.8	91.8	79.6	12.2	83	76	81	80	0 —	2 c	0 —	0.7	8.51	0.9
31	81.9	90.9	86.5	86.4	92.2	81.2	11.0	88	60	83	77	10 n	6 c	0 —	5.3	6.29	0.9
平均 Mean	78.1	89.7	82.6	83.5	91.1	77.0	14.1	74	62	73	69	1.8	2.2	0.4	1.5	221.72	24.4

* 重力ノ眞正 Reduction to standard gravity ..... — 0.0
海面ヘノ眞正 Reduction to mean sea level ..... + 15.4

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印刷所　小林又七支店

昭和五年二月

滿洲氣象表

REPORT

OF THE

METEOROLOGICAL OBSERVATIONS

MADE AT THE

METEOROLOGICAL STATIONS

IN

MANCHURIA.

FEBRUARY, 1930.

PUBLISHED BY THE METEOROLOGICAL OBSERVATORY, DAIREN.

凡　例

本編ハ昭和五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

EXPLANATION.

The present publication contains the results of the meteorological observations made at the meteorological stations in Manchuria for the month of February 1930.

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	ϛ	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	⊟	Frozen water
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	層卷雲	SC	Alto-stratus	層積雲	SK	Strato-cumulus
積雲	K	Cumulus	積卷雲	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

DAIREN.

昭和五年二月　　FEBRUARY, 1930.

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

2h	6h	10h	14h	18h	22h	平均 Mean
63.9	63.9	64.9	62.9	63.6	63.8	63.8
63.9	63.6	64.6	62.6	63.4	64.0	63.7
63.9	64.1	64.8	63.2	64.0	64.1	64.0
63.4	62.7	62.4	60.3	60.2	60.1	61.5
59.4	59.4	59.9	58.6	60.1	61.4	59.8
63.2	64.4	66.0	64.2	64.3	64.9	64.5
64.0	62.9	63.3	60.5	59.7	59.0	61.6
58.0	56.6	56.7	55.8	58.7	60.9	57.8
61.9	62.7	63.4	62.3	62.9	63.9	62.9
64.4	64.5	65.8	64.3	65.7	67.1	65.3
66.3	66.0	66.0	63.8	63.9	64.1	65.0
64.8	64.4	65.1	64.3	63.9	64.2	64.5
64.0	63.8	65.0	64.8	65.3	65.6	64.8
65.0	64.8	65.4	64.4	65.3	65.4	65.1
65.5	65.1	65.6	64.5	64.5	64.5	65.0
64.6	64.3	64.7	63.9	64.9	65.2	64.6
63.9	62.3	60.7	58.6	57.8	58.2	60.3
58.1	57.5	58.3	56.9	57.9	59.2	58.0
60.0	59.5	60.2	58.7	58.2	58.8	59.2
58.8	58.8	60.1	59.2	59.9	60.1	59.5
59.6	59.2	59.0	57.0	57.9	58.3	58.5
58.6	58.9	59.2	57.5	57.5	58.0	58.3
57.1	56.1	54.9	50.6	49.5	49.4	52.9
50.5	51.7	52.8	51.5	51.8	53.0	51.9
53.6	53.5	55.1	54.3	53.6	53.7	54.0
53.0	50.2	50.8	50.8	52.0	54.7	51.9
56.0	58.4	59.4	59.3	59.4	60.9	58.9
60.6	60.7	60.7	58.8	58.9	59.2	59.8
60.9	60.7	61.2	59.8	60.2	60.8	60.6

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.
NNW	4.4	NNW	8.0	NNW	8.2	NNW	8.5	NNW	6.9	NNW	5.9	7.2
NNW	5.2	NNW	8.6	NNW	8.9	NNW	7.8	NW	5.6	NNW	6.0	7.2
NW	3.0	NW	3.0	NW	3.0	NNW	4.8	NW	1.4	NW	1.8	3.1
NW	1.2	NW	1.5	NW	1.0	ENE	3.0	ENE	3.6	ENE	2.9	1.9
ENE	0.6	ENE	1.7	NW	1.2	NW	3.5	NW	4.4	NW	3.9	2.1
NNW	2.9	NNW	7.9	NNW	9.5	NNW	7.1	NNW	6.7	WNW	3.6	6.3
WNW	2.8	WNW	1.5	NW	1.4	S	6.7	S	4.9	S	6.6	3.5
S	8.8	S	6.9	SSW	6.6	NW	7.4	NNW	11.1	NNW	9.4	7.9
NNW	8.9	NNW	8.2	NNW	7.6	NNW	9.8	NNW	8.3	NNW	4.8	9.1
NW	2.2	NNW	4.2	NNW	5.1	NNW	8.0	NNW	3.5	NW	1.5	4.5
NW	0.6	NW	0.9	S	1.7	SSW	3.4	WSW	3.2	W	1.3	2.0
ENE	2.3	—	0.2	ENE	3.7	ESE	3.7	SE	4.4	SSE	2.7	2.5
SE	4.3	ESE	2.9	SE	4.1	ESE	4.8	ESE	3.4	ESE	3.3	3.9
SE	2.9	SSE	1.5	N	1.8	N	1.8	NW	3.3	NW	2.8	2.3
NW	4.7	NW	4.6	NW	4.7	NW	3.9	NNW	5.0	NNW	8.6	4.6
NNW	4.8	NNW	8.3	N	5.2	NNW	6.4	NNW	5.7	NNW	2.7	6.6
ESE	1.2	SSE	2.6	S	10.3	SSW	6.5	S	2.5	S	0.8	4.1
SSE	2.3	NE	4.8	N	5.8	NNW	3.6	NW	3.3	WNW	4.0	4.1
WNW	3.4	WNW	2.2	S	5.4	SW	7.4	SSW	8.9	S	5.7	5.0
S	8.2	SSW	10.2	SSW	7.0	SSE	3.2	SSE	0.9	SSE	1.8	5.6
ESE	1.7	ESE	2.9	ESE	6.3	ESE	8.6	SE	2.7	SE	1.6	3.9
SSE	0.4	SSE	0.5	SSE	2.2	S	5.3	S	5.3	SSE	2.7	2.5
SSE	1.8	ENE	4.6	NE	2.5	NNW	3.7	NW	5.6	NW	4.1	3.4
NW	9.5	NNW	6.5	NW	4.4	NW	4.7	SSW	8.1	NW	1.0	6.2
N	0.9	NW	2.7	NE	4.7	NE	7.3	ENE	2.9	NE	1.7	3.7
N	3.1	N	4.9	NNE	6.1	NNW	2.6	ENE	3.8	NW	3.5	4.4
NNW	2.2	WNW	2.4	NW	2.0	WNW	1.6	WNW	0.8	WNW	1.2	1.9
SSE	2.9	S	6.0	S	4.8	SSW	7.1	SE	2.0	ESE	3.2	4.4
	3.5		4.3		4.8		5.4		4.5		3.5	4.4

降水量 (粍) AMOUNT OF PRECIPITAION. (mm)

22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	計 Total
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	0.0	0.2	0.5	0.7
0.3	0.1	—	0.0	—	—	0.4
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	0.0	—	0.0
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	0.0	0.0	0.0	0.0	—	0.0
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	0.0	0.7	0.7
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	0.2	1.9	1.6	0.9	4.6
0.4	—	—	—	—	—	0.4
—	—	—	—	—	—	—
0.7	0.1	0.2	1.9	1.8	2.1	6.8

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
92.6	91.8	92.4	94.5	91.6	90.4	92.2	94.5	90.2	4.3
89.0	88.0	89.5	92.7	91.4	90.6	90.2	93.4	87.4	6.0
89.6	90.2	93.7	96.9	94.6	93.7	93.1	97.1	89.5	7.6
93.4	94.0	96.3	98.7	97.0	96.8	96.0	98.8	93.2	5.6
96.8	96.0	99.0	99.3	96.5	95.4	97.2	99.5	95.4	4.1
93.0	90.0	89.6	92.1	90.6	88.6	90.7	95.9	88.4	7.5
98.3	89.3	93.4	98.5	96.4	97.0	93.8	99.7	88.3	11.4
98.0	99.8	1.6	0.2	95.0	92.8	97.9	5.0	92.7	12.3
89.8	87.5	89.6	92.2	91.2	90.1	90.1	92.8	87.0	5.8
89.0	89.0	93.7	95.9	94.2	92.4	92.4	96.5	88.9	7.6
92.1	91.2	98.7	3.1	98.6	98.7	97.1	3.7	90.9	12.8
96.6	96.1	0.9	1.7	98.3	98.6	98.7	3.6	95.5	8.1
98.8	98.7	2.5	2.7	98.7	99.0	0.1	3.8	98.2	5.6
99.7	99.0	1.1	3.6	99.6	96.6	99.9	6.2	96.5	9.7
94.5	93.2	95.2	98.0	94.8	91.8	94.6	98.2	91.6	6.6
90.8	90.1	92.2	94.9	92.4	90.6	91.8	95.4	89.9	5.5
91.2	94.0	99.9	0.1	0.2	0.3	97.6	2.6	89.8	12.8
99.5	98.4	98.4	99.0	98.2	96.2	98.3	0.5	96.0	4.5
96.0	95.7	3.5	7.0	1.4	3.2	1.1	8.1	95.0	13.1
3.6	3.8	7.5	10.2	2.4	0.9	4.7	11.7	0.5	11.2
2.1	2.4	3.5	5.2	3.3	2.7	3.2	6.0	0.6	5.4
2.8	2.0	4.5	7.7	4.4	3.1	4.1	9.4	1.4	8.0
4.0	1.9	3.9	3.7	0.9	0.2	2.4	5.0	0.0	5.0
99.0	98.6	0.7	4.2	0.3	0.8	0.6	7.5	98.4	9.1
99.7	99.5	0.0	99.2	0.0	0.5	99.8	0.8	98.8	2.0
0.7	0.8	99.8	99.3	99.8	99.4	0.0	1.3	99.0	2.3
98.0	96.6	98.7	1.9	0.2	98.3	99.0	1.9	96.5	5.4
97.8	99.1	3.2	4.0	1.2	98.3	0.6	5.2	97.8	7.4
95.9	95.6	98.3	0.2	97.6	96.7	97.4	1.6	94.2	7.4

濕度 (百分率) REL. HUMIDITY. (%)

2h	6h	10h	14h	18h	22h	平均 Mean
54	55	53	44	54	62	54
62	67	66	62	69	82	68
86	89	61	56	74	84	75
90	82	78	74	95	95	86
94	92	83	80	92	88	88
32	38	36	35	46	54	40
61	49	44	35	49	59	50
72	69	64	81	46	37	62
43	47	46	44	50	54	47
72	80	50	36	41	50	55
43	44	37	45	43	43	43
78	86	28	35	69	66	60
65	74	59	56	80	83	70
85	90	78	62	79	79	79
71	63	56	48	55	55	58
48	41	35	35	41	48	41
67	70	58	56	60	70	64
83	90	95	93	82	89	89
60	75	51	44	70	53	59
59	54	57	42	76	86	62
85	92	89	82	91	92	86
96	98	95	80	96	93	93
91	92	84	89	88	75	87
61	62	52	68	88	86	70
92	93	96	96	89	90	93
68	53	72	93	95	95	79
95	92	90	66	81	80	84
86	85	75	69	80	92	81
71	72	64	61	71	73	69

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

6h	10h	14h	18h	22h	平均 Mean
0 —	0 —	3 cs	2 cs	0 —	1.0
0 —	0 c, k	0 c	0 —	0 —	0.0
0 —	0 —	2 c	2 c	3 c	1.4
10 sk, kn	10 sc	10 n	10 n	10 n	10.0
10 s	10 n	10 n	10 s	6 s	9.2
0 —	0 —	0 —	0 —	0 —	0.0
0 —	0 —	0 —	0 —	0 —	0.0
10 sk	10 kc, sk	10 sc, sk	0 —	0 —	6.0
0 —	0 —	0 —	0 —	0 —	0.0
0 —	0 —	0 —	0 —	0 —	0.0
0 —	0 —	10 cs, c	2 c	10 c, cs	4.4
10 sc, cs	10 cs, c	6 ck	0 —	0 —	5.2
6 ck	8 c, cs	0 —	1 c	0 —	3.0
0 —	0 —	10 sk	0 c	0 —	2.0
10 sc	9 cs, sc	0 cs	0 —	0 —	3.8
0 —	0 k	10 sk	10 kc	10 ck	6.0
10 n	10 n, s	10 k, s	2 sc, sk	10 s	8.4
0 —	0 —	0 —	0 —	0 —	0.0
0 —	0 —	0 —	1 c	1 c	0.4
10 sc	10 sk	2 ck, c	10 sk, s	10 sk, s	8.4
10 s	10 s	10 s, c	10 s, sk	6 s	9.2
10 s, sk	10 sk	10 sk	10 n	10 sk	10.0
2 sk	10 sk, s	4 sk, c	8 cs, s	2 cs	5.2
10 s	10 s	10 s	10 s	10 s	10.0
10 sk	10 n	10 n	10 n	10 n	10.0
8 c, sk	10 sc	10 cs, sc	10 kc, sk	0 —	7.6
0 —	10 c	10 c	8 cs, c	10 s	7.6
4.5	5.3	5.3	4.1	3.9	4.6

日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
8.80	1.8
8.64	1.5
8.60	1.2
0.00	2.1
0.55	1.3
9.30	1.5
9.40	2.2
2.83	2.7
9.00	1.8
9.40	2.3
9.35	1.6
8.95	2.2
8.10	1.5
8.92	1.4
8.90	2.6
7.20	2.1
6.00	1.3
0.00	0.7
10.00	3.7
8.90	1.8
1.10	1.1
5.99	1.1
0.00	1.8
8.30	1.7
0.00	0.7
0.00	0.2
4.40	1.0
9.35	1.2
171.98	46.1

※ 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

昭和五年二月　　DAIREN.　　FEBRUARY, 1930.

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.
1	1.4	1.4	1.4	1.4	1.3	1.4	1.4	91.0	97.2	91.0	93.1	92.6	94.5	95.6	97.2	0.5	3.4	6.0	8.3	9.9	89.2	[illegible]
2	1.2	1.2	1.4	1.7	1.7	1.8	1.5	88.9	96.0	90.9	91.9	91.0	91.9	94.5	96.5	0.5	3.4	5.9	8.2	9.8	87.0	[illegible]
3	1.8	1.9	1.8	2.1	2.3	2.4	2.1	89.9	98.1	93.1	93.7	91.9	92.3	94.1	96.0	0.3	3.3	5.9	8.2	9.8	88.3	[illegible]
4	2.5	2.4	2.7	3.1	3.5	3.4	2.9	93.5	99.4	98.0	97.0	94.5	94.3	95.7	96.8	0.3	3.4	5.9	8.2	9.7	91.2	[illegible]
5	3.4	3.1	3.5	3.5	3.3	2.9	3.3	98.0	99.5	96.2	97.9	97.1	97.0	97.7	98.0	0.5	3.2	5.9	8.0	9.5	93.4	[illegible]
6	0.9	0.8	0.7	0.9	1.0	1.0	0.9	93.0	95.2	90.6	92.9	93.5	94.7	96.9	98.2	0.5	3.2	5.9	8.1	9.5	88.0	[illegible]
7	1.2	1.0	1.2	1.4	1.7	2.2	1.5	89.0	98.4	94.1	93.8	90.7	92.0	94.5	96.5	0.5	3.0	5.8	8.0	9.4	87.0	[illegible]
8	2.8	3.2	3.3	3.8	1.4	1.0	2.6	96.2	0.1	94.0	96.8	96.5	95.9	96.5	97.4	0.3	3.1	5.8	8.0	9.5	92.0	[illegible]
9	0.9	0.8	1.0	1.1	1.2	1.2	1.0	89.7	96.2	90.7	92.2	91.4	93.0	95.6	97.4	0.3	2.9	5.6	7.8	9.4	86.6	[illegible]
10	1.4	1.6	1.4	1.2	1.2	1.3	1.4	89.5	98.1	92.0	93.2	91.9	92.1	94.1	96.3	0.3	2.9	5.6	8.2	9.3	87.6	[illegible]
11	1.1	1.0	1.5	2.6	1.8	1.8	1.6	89.9	0.4	94.0	94.8	92.1	92.5	94.4	96.2	0.2	2.9	5.5	7.7	9.1	86.6	[illegible]
12	2.8	3.0	1.4	1.8	2.8	2.7	2.4	93.5	1.1	97.0	97.2	94.6	94.6	95.9	97.3	0.3	2.9	5.5	7.8	9.2	91.6	[illegible]
13	2.7	3.1	3.2	3.1	3.3	3.5	3.2	97.0	2.9	98.7	99.5	97.5	97.0	97.9	98.3	0.5	3.0	5.4	7.6	9.2	96.4	[illegible]
14	3.8	3.8	3.9	3.7	3.5	2.8	3.6	97.2	2.5	99.1	99.6	98.3	98.2	98.8	99.2	0.5	2.9	5.4	7.7	9.1	94.8	[illegible]
15	2.2	1.7	1.8	1.9	1.7	1.4	1.8	94.6	1.0	94.0	96.5	96.7	97.5	98.9	99.3	0.5	2.8	5.4	7.5	8.9	91.0	[illegible]
16	1.1	0.9	0.9	1.1	1.1	1.1	1.0	92.0	0.0	92.5	94.8	94.4	95.5	97.1	99.0	0.7	2.9	5.4	7.6	9.0	89.0	[illegible]
17	1.6	2.1	2.6	2.6	2.8	3.3	2.5	92.0	0.2	98.7	97.0	94.4	94.4	96.0	97.7	0.6	2.8	5.3	7.4	8.9	86.8	[illegible]
18	3.7	3.7	3.9	3.9	3.3	3.1	3.6	98.7	99.2	96.6	98.2	98.1	97.9	98.5	98.8	0.6	2.9	5.3	7.5	8.9	95.0	[illegible]
19	2.1	2.5	3.0	3.3	3.5	3.0	2.9	94.6	4.4	0.0	99.7	96.7	96.5	98.0	98.8	0.5	2.8	5.1	7.3	8.8	93.0	[illegible]
20	3.5	3.2	4.4	3.8	4.1	4.2	3.9	99.8	6.6	0.0	2.1	99.3	98.9	99.4	99.5	0.7	2.9	5.2	7.5	8.8	98.0	[illegible]
21	4.5	5.0	5.2	5.4	5.3	5.1	5.1	0.0	6.0	0.8	2.3	99.5	99.2	99.6	99.6	0.6	2.8	5.0	7.2	8.8	98.1	[illegible]
22	5.4	5.2	6.0	6.3	6.0	5.3	5.7	0.6	8.9	0.0	3.2	99.6	99.4	99.8	0.0	0.7	2.9	5.1	7.1	8.7	1.0	[illegible]
23	5.5	4.8	5.1	5.3	4.3	3.5	4.8	1.0	3.0	0.0	1.3	99.9	99.5	99.9	99.9	0.7	2.8	4.9	7.0	8.5	99.4	[illegible]
24	2.6	2.6	2.5	4.2	4.1	4.2	3.4	99.5	8.5	0.0	2.7	99.6	99.4	99.9	0.1	0.7	2.9	5.0	7.0	8.5	97.6	[illegible]
25	4.1	4.1	4.4	4.1	4.1	4.2	4.2	0.0	0.0	0.0	0.0	99.8	99.6	0.0	0.1	0.8	2.8	4.9	6.9	8.4	96.8	[illegible]
26	3.3	2.6	3.3	4.0	4.3	4.2	3.6	0.0	99.9	0.0	0.0	99.5	99.5	99.9	0.2	0.9	2.9	5.0	7.0	8.5	99.0	[illegible]
27	3.7	3.3	3.8	3.5	3.8	3.2	3.6	99.5	6.3	99.5	1.8	99.7	99.6	0.1	0.2	0.9	2.8	4.9	6.9	8.4	92.5	[illegible]
28	3.4	3.6	4.3	4.2	4.0	3.7	3.9	98.9	6.2	0.1	1.7	99.6	99.6	0.1	0.3	1.0	2.9	5.0	6.9	8.4	96.8	[illegible]
29																						
30																						
31																						
平均 Mean	2.7	2.6	2.8	3.0	2.9	2.8	2.8	95.3	1.3	96.5	97.7	96.1	96.3	97.5	98.4	0.6	3.0	5.4	7.6	9.1	92.6	

記　事 REMARKS.

日 Day	記事 REMARKS.	
1		⊡²a.p.
2		⊡²a.p.
3	⊔²p.	⊡²a.p.
4	⊔²,∞²a. ⚹°13h54–	⊡²a ⊡¹p.
5	∞¹,⊠a. ∨°p. –⚹°–3h00.●°10h40–13h35.≡°17h49–≡¹17h53–≡°18h30–18h52.	⊡¹a.p.
6		⊡²a.p.
7	⊔°,∞²a.	⊡²a.p.
8	△°14h15–14h25. ⚳18.21.23–24.h	⊡¹a.⊡²p.
9	⚳3.4.h	⊡²a.p.
10	⊔¹a.	⊡²a.p.
11	⊔°,∞¹a.	⊡²a.p.
12	⊔¹a.⊕¹,Ψ¹p.	⊡¹a.p.
13	⊔¹p.⊕²a.	⊡¹a ⊡²p.
14	⊔²,∞¹a.p.	⊡¹a p.
15	⊔²a.	⊡²a.p.
16	♂¹p.	⊡²a.p.
17	⊔¹,∞°a. ⚳10.11.13.h	⊡²a.⊡ p.
18	⊔¹,♂°p. ⚹°4h53–⚹°●°5h45–6h40.≡°7h10–≡°●°9h06–15h40.∼°10h30–	⊡°a,⊡¹p.
19	⊔²,♈²a.∞°a.p. –∼°–8h50. ⚳24.h	⊡²a.
20	⊔°,∞°p ⚳6h.	⊡ p.
21	≡°6h50–9h30.	
22	≡°1h05–≡¹3h32–≡°7h50–9h20.≡°13h30–24h00.	
23	●°14h02–14h13.●°△°17h45–●°18h20–21h25.∼°19h30–	⊡ p.
24	⊔ p. –∼°–9h20.	⊡¹a.
25	⊔²a. ≡°2h10–≡¹5h40–≡²7h00–≡¹8h20–≡°8h40–≡¹10h45–≡²11h50–≡¹12h30–≡°14h25–14h45.	⊡¹a.⊡ p.
26	⊠p. ⚹°7h35–⚹¹8h52–⚹°11h20–⚹¹13h35–⚹°15h20–18h10.⚹°18h45–⚹¹19h50–⚹°20h07–	⊡°a.p.
27	∞°,⊠a.⊕°p. –⚹°–1h20.	⊡²a.⊡°p.
28	⊔¹,⊠a.∨¹p. ≡°20h10–≡¹20h40–≡°20h55–≡¹21h50–≡°22h10–23h20. ⚳13h	⊡¹a.⊡°p.
29		
30		
31		

營口
YINGKOW.

昭和五年二月 FEBRUARY, 1930.

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 PRECIPITAION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	合計 Total
1	73.1	74.0	75.1	72.9	73.7	74.2	73.8	N	3.7	N	0.7	NNE	3.3	NNE	4.4	NNE	1.9	N	4.3	2.9		—	—	—	—	0.0	—	0.0
2	74.2	74.2	74.8	73.7	73.2	73.3	73.9	N	2.4	N	2.6	NNE	4.2	NNE	3.5	NE	1.3	NE	1.1	2.8		—	—	—	—	—	—	—
3	73.2	72.9	74.0	71.8	72.7	73.1	73.0	—	0.4	E	0.5	E	1.1	ENE	1.1	ENE	1.5	NE	1.2	1.0		—	—	—	—	—	—	—
4	72.4	71.3	71.2	69.2	69.0	68.3	70.2	—	0.2	E	0.8	SE	1.9	SSW	2.1	S	1.8	SSE	2.3	1.4		—	—	—	—	0.1	0.3	0.4
5	68.3	67.5	68.2	67.6	69.0	71.9	68.8	SSE	2.8	SSE	2.4	SSE	1.4	N	1.3	NNE	3.9	NNE	5.7	2.5		—	—	0.0	0.0	—	—	0.0
6	73.3	74.5	75.7	74.0	74.9	74.1	74.4	NNE	5.3	NNE	4.4	NNE	4.8	NE	2.9	E	1.7	SE	0.7	3.4		—	—	—	—	—	—	—
7	73.3	72.2	71.1	68.2	66.5	65.8	69.5	SE	1.2	ESE	3.1	SSE	2.3	S	6.5	S	4.9	S	6.9	3.5		—	—	—	—	—	—	—
8	64.4	65.0	65.4	66.8	70.0	71.9	67.3	SSE	7.0	SSE	5.8	SW	4.1	N	8.6	N	6.1	N	6.9	6.5		—	—	—	0.0	—	—	0.0
9	73.2	73.3	74.2	71.3	72.7	73.1	73.0	N	7.1	N	4.7	N	4.7	NNE	4.8	NNE	3.5	NNE	1.3	4.7		—	—	—	—	—	—	—
10	73.5	73.0	74.7	73.7	74.8	75.5	74.2	N	1.7	SE	0.9	N	1.5	N	6.4	NNE	4.2	E	0.6	2.6		—	—	—	—	—	—	—
11	75.5	74.5	74.0	72.0	72.2	73.3	73.6	E	0.6	E	1.2	SSE	2.3	SW	3.7	SW	1.1	ENE	0.9	1.9		—	—	—	—	—	—	—
12	74.3	74.4	74.8	73.3	72.8	73.1	73.8	W	1.2	NE	1.9	NE	2.3	NE	2.6	NNE	0.9	NE	1.9	2.0		—	—	—	—	—	—	—
13	72.8	72.6	74.0	73.5	73.6	73.9	73.4	NE	1.0	NE	0.9	NE	0.9	E	1.0	SE	0.7	E	1.4	1.0		—	—	—	—	—	—	—
14	73.7	73.1	74.5	74.4	75.4	76.0	74.5	ESE	0.6	ESE	2.1	N	2.0	NNE	5.3	NNE	4.8	NNE	5.7	2.9		—	—	—	—	—	—	—
15	76.0	75.6	76.7	75.0	75.5	75.3	75.7	NNE	4.4	NNE	5.0	NNE	4.4	NNE	6.4	NNE	4.7	NNE	3.5	5.1		—	—	—	—	—	—	—
16	75.0	74.4	74.7	73.7	74.2	74.4	74.4	NNE	4.5	NNE	2.3	NNE	3.5	NNE	3.7	NE	1.3	E	1.1	3.0		—	—	—	—	—	—	—
17	72.9	70.9	68.3	65.6	66.6	67.6	68.7	—	0.3	ESE	1.4	SSE	5.0	S	6.0	SSE	2.0	SSE	1.1	2.9		—	—	—	—	—	—	—
18	67.9	67.9	68.5	67.1	67.3	67.9	67.8	NE	2.3	NNE	4.7	NNE	5.6	NNE	3.2	NNE	1.9	NNW	0.9	2.9		—	—	—	0.2	0.2	—	0.4
19	68.0	67.4	67.3	65.8	65.0	65.4	66.5	WNW	0.6	SSE	1.8	S	7.1	SSW	6.4	S	4.4	S	5.4	4.1		—	—	—	—	—	—	—
20	65.4	65.9	68.2	67.6	67.8	68.5	67.2	S	5.7	S	5.3	SSW	3.7	SE	0.7	ESE	0.6	ESE	1.2	3.0		—	—	—	—	—	—	—
21	68.1	67.2	66.7	65.4	65.1	66.6	66.5	ESE	0.5	ESE	1.6	SE	4.7	SSE	4.1	S	2.7	SSE	0.8	2.1		—	—	—	—	—	—	—
22	67.3	67.5	67.6	65.5	65.1	66.0	66.5	SSE	0.5	—	0.1	SE	0.8	SSW	3.9	S	2.0	S	1.3	1.7		—	—	0.0	0.0	—	—	0.0
23	66.8	66.1	65.0	61.3	59.5	59.0	63.0	N	0.9	N	2.5	NNE	6.4	NNE	9.3	N	5.8	NNE	5.8	4.4		—	—	—	—	—	—	—
24	59.1	60.1	60.8	59.0	58.5	59.6	59.5	N	7.6	N	3.1	NNE	1.1	S	4.1	SSW	6.6	S	8.6	4.8		—	0.5	0.1	—	—	—	0.6
25	61.0	61.1	65.5	64.8	64.2	63.2	63.3	SSE	3.3	SSE	1.8	NNE	5.4	NE	4.7	NE	4.7	NNE	5.7	4.4		—	—	—	—	—	—	—
26	62.9	60.7	61.1	59.7	60.5	63.8	61.5	NNE	4.6	NNE	5.8	NNE	5.3	NNE	5.1	ENE	1.3	NW	2.3	4.5		—	—	—	—	—	0.4	0.4
27	64.9	66.3	68.4	67.7	67.3	68.6	67.2	—	0.3	NW	0.6	NW	0.8	SSE	2.0	SSE	1.1	SSE	3.2	1.3		1.2	0.3	—	—	—	—	1.5
28	68.1	67.7	67.4	65.5	65.8	66.7	66.9	SSE	2.3	S	4.7	S	8.1	SSW	9.3	S	8.3	S	6.3	6.3		—	—	—	—	—	—	—
29																												
30																												
31																												
平均 Mean	70.0	69.7	70.3	68.8	69.0	69.6	69.6		2.6		2.6		3.5		4.4		3.1		3.1	3.2		1.2	0.8	0.1	0.2	0.3	0.7	3.3

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	88.6	86.0	89.7	92.7	90.6	88.3	89.3	93.5	83.5	10.0	64	68	60	57	72	68	65	0	—	0	—	0	—	0	—	0	—	0.0	7.65	0.6
2	84.8	83.6	88.1	92.0	88.2	87.4	87.4	92.7	82.3	10.4	80	78	75	65	80	87	78	0	—	0	—	0	—	0	—	0	—	0.0	8.55	0.6
3	85.0	82.8	90.2	95.0	92.5	89.8	89.2	95.9	82.2	13.7	92	94	78	61	71	82	80	0	—	0	—	0	—	0	—	0	—	0.0	8.50	0.6
4	87.3	86.4	94.2	97.2	95.7	94.9	92.6	97.4	85.2	12.2	92	95	70	71	97	100	88	0	—	10	c, cs	10	sc	10	n	10	sk	8.0	4.90	0.5
5	95.1	95.4	97.8	1.1	99.0	93.5	97.0	2.0	92.8	9.2	98	94	87	60	71	44	76	10	sc	10	n	4	k	5	k, kn	2	k	6.2	3.25	0.8
6	89.1	86.4	89.8	91.1	87.6	86.6	88.4	95.6	85.6	10.0	50	52	42	37	52	60	49	0	—	0	—	0	—	0	—	0	—	0.0	8.60	0.8
7	84.4	83.7	92.8	97.3	94.7	93.9	91.1	98.7	81.9	16.8	69	63	54	57	74	62	63	0	—	0	—	0	k	0	—	0	—	0.0	8.85	1.4
8	95.3	96.9	0.9	96.3	93.0	90.5	95.5	1.0	89.8	11.2	64	71	71	31	30	30	50	0	—	9	k, c	10	c, cs	10	sc	0	—	5.8	5.50	1.5
9	87.4	85.1	87.8	93.1	91.0	87.6	88.7	94.0	83.6	10.4	40	48	45	36	41	67	46	0	—	0	—	0	—	0	—	0	—	0.0	8.95	0.9
10	86.5	82.8	92.9	95.0	92.3	87.9	89.6	95.9	81.7	14.2	75	56	48	33	39	60	52	0	—	0	—	0	—	0	—	0	—	0.0	8.60	1.2
11	87.1	84.3	93.0	96.7	94.4	90.7	91.0	97.7	83.0	14.7	66	65	45	43	73	89	64	0	—	0	—	0	—	0	—	0	—	0.0	9.25	1.1
12	90.0	88.8	96.0	99.6	97.2	94.3	94.3	0.2	87.0	13.2	96	69	50	33	53	80	64	0	—	0	—	0	—	8	c	10	c	3.6	7.35	1.2
13	92.0	93.0	97.3	1.5	98.7	96.6	96.5	3.1	91.4	11.7	86	75	71	38	58	76	67	10	cs	10	sc, cs	10	cs	0	—	0	—	6.0	7.45	0.7
14	93.7	92.6	98.4	99.7	96.6	92.3	95.6	0.0	91.6	8.4	86	81	62	40	49	59	63	0	—	10	sc	10	cs, sk	10	cs	0	—	6.0	4.35	1.0
15	90.3	88.0	90.6	94.7	91.9	89.4	90.8	95.2	86.6	8.6	65	69	65	40	52	55	58	10	sc, c	3	c, ck	0	—	0	—	0	—	2.6	8.83	1.1
16	87.0	85.0	90.1	93.0	90.9	87.8	89.0	93.6	83.5	10.1	62	67	50	41	52	67	57	4	c	0	—	0	—	0	—	0	—	0.8	9.40	1.0
17	86.5	86.5	95.4	99.3	97.7	97.8	93.9	99.6	85.4	14.2	73	77	44	63	75	82	69	0	c	2	c	10	sk	10	sk	10	sk. n.	6.4	3.65	1.0
18	97.3	95.0	94.6	96.6	97.2	92.5	95.5	98.1	91.9	6.2	85	77	65	80	79	81	78	10	sk	10	sk	10	n	10	kc, c	0	—	8.0	0.30	0.2
19	89.0	89.1	99.5	1.2	0.9	1.0	96.8	1.8	86.4	15.4	91	100	72	75	74	70	80	0	—	0	—	0	c	0	—	0	—	0.0	9.45	1.8
20	1.3	0.5	4.5	5.9	2.5	0.0	2.5	6.5	99.2	7.3	68	70	67	66	79	89	73	0	—	0	—	0	—	0	—	0	—	0.0	8.60	1.5
21	99.9	98.9	3.3	6.5	2.0	0.2	1.8	6.9	97.6	9.3	92	97	77	62	74	88	82	0	—	10	sk	10	sk	0	—	0	—	4.0	1.55	0.6
22	99.5	0.0	0.9	3.8	0.7	98.7	0.6	3.9	97.5	6.4	88	100	100	93	100	100	97	10	s	10	sc, sk	10	sk	10	s	10	sc	10.0	0.00	0.2
23	0.1	0.1	0.4	2.8	2.0	0.6	1.0	3.9	97.7	6.2	98	98	81	85	62	50	79	10	s	10	sc, sk	10	sk	10	sk	10	n	10.0	0.00	1.5
24	99.2	97.1	0.0	2.1	0.9	99.0	99.7	3.0	95.6	7.4	50	74	69	53	90	100	73	10	n	3	sk, s	0	—	10	cs, sc	10	sc	6.6	9.45	1.6
25	98.9	98.8	0.2	4.2	0.5	99.0	0.3	4.7	97.8	6.9	100	100	88	52	41	52	72	10	cs	2	c	9	cs. c	10	cs	10	cs, sc	8.2	6.66	1.5
26	98.1	97.3	98.8	0.4	0.4	98.0	98.8	1.0	96.5	4.5	64	65	58	50	66	92	66	0	—	10	sc	10	sc	10	sc	10	n	8.0	2.20	0.4
27	97.6	92.9	99.3	1.2	99.4	98.0	98.1	1.4	90.9	10.5	98	97	80	73	76	92	86	10	sk	10	cs, c	10	k, c	9	c	0	—	7.8	6.64	0.7
28	98.4	99.5	1.7	3.6	1.3	0.7	0.9	3.9	97.1	6.8	88	88	75	62	80	90	81	10	sk, n	10	cs	10	c, cs	3	c, cs	10	cs	8.6	8.10	1.1
29																														
30																														
31																														
平均 Mean	92.5	91.3	96.0	98.7	96.4	94.2	94.8	99.7	89.5	10.2	78	78	66	56	66	74	70	3.7		4.6		4.8		4.5		3.3		4.2	176.58	27.1

* 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

昭和五年二月　　MUKDEN.　　FEBRUARY, 1930.

日 Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean
1	68.6	68.8	70.1	68.6	69.3	69.4	69.1
2	69.4	69.7	79.9	68.4	68.5	68.5	69.1
3	68.6	68.6	69.7	68.1	68.5	68.6	68.7
4	68.2	67.2	66.6	64.6	64.5	63.5	65.8
5	63.5	63.3	63.7	63.0	65.2	67.6	64.4
6	68.8	69.8	70.7	69.4	69.3	69.3	69.6
7	68.6	67.5	66.7	63.2	61.9	60.6	64.8
8	59.7	58.7	61.0	62.4	65.4	67.0	62.4
9	68.0	68.4	69.4	67.9	68.2	68.4	68.4
10	68.5	68.5	69.4	69.0	70.0	70.6	69.3
11	70.6	70.2	69.3	67.0	67.8	68.5	68.9
12	69.6	69.8	70.7	69.3	69.2	69.4	69.7
13	68.9	68.5	69.8	69.0	69.5	69.5	69.2
14	69.4	68.9	70.3	70.2	71.5	71.9	70.4
15	71.9	71.9	72.3	71.3	71.3	70.9	71.6
16	70.5	70.0	70.2	69.3	69.8	69.7	69.9
17	68.1	65.7	63.1	61.4	62.6	63.7	64.1
18	63.9	63.8	64.4	62.9	62.8	63.1	63.5
19	63.0	62.6	62.0	60.5	60.1	59.7	61.3
20	60.0	62.1	64.2	63.8	64.2	64.5	63.1
21	63.7	63.1	62.2	60.3	61.1	62.4	62.1
22	63.0	62.9	62.7	60.7	60.9	62.3	62.1
23	62.7	62.8	61.4	57.9	55.6	54.4	59.1
24	53.9	54.6	55.2	53.8	53.3	54.9	54.3
25	57.2	58.4	61.9	61.2	61.3	63.6	60.1
26	59.7	58.3	57.6	55.3	55.4	58.3	57.4
27	59.7	61.8	63.6	62.9	63.2	64.1	62.6
28	63.2	62.9	61.7	59.6	60.8	62.1	61.7
29							
30							
31							
平均 Mean	65.4	65.3	65.7	64.3	64.7	65.1	65.1

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	—	0.0	—	0.0	NE	2.9	NE	4.4	NE	3.7	NNE	3.9	2.7
2	NNE	4.7	NE	2.9	NE	6.7	NNE	3.1	NE	3.2	SSE	0.5	3.3
3	ESE	2.2	ESE	2.0	SE	1.1	SSE	1.3	—	0.2	ESE	1.4	1.4
4	E	3.1	E	3.0	ESE	2.1	SSW	2.9	SSW	3.3	SSW	3.2	2.9
5	SSW	3.3	SSW	3.0	SW	3.2	NW	4.1	NNW	5.3	N	4.4	3.7
6	NNE	3.6	N	1.0	NE	2.7	NW	2.4	S	2.1	SE	1.7	2.6
7	ESE	3.5	ESE	3.2	SE	4.1	SSW	7.0	SSW	4.6	SSE	3.5	4.2
8	S	6.8	SSE	5.0	NW	3.5	N	7.5	N	4.6	NNW	2.8	4.9
9	NNE	5.7	NNE	5.0	NE	4.7	NNE	4.1	NE	1.7	ESE	2.6	3.8
10	SE	1.0	SE	0.8	N	3.5	N	6.2	NNE	4.0	ENE	1.3	2.8
11	WSW	1.8	ESE	2.5	S	3.6	WSW	6.0	S	3.2	SE	1.3	3.0
12	E	2.0	E	2.6	ESE	2.7	ESE	2.7	ESE	3.5	E	4.6	2.9
13	E	4.9	E	4.7	ESE	3.7	SW	0.9	S	1.3	SSE	2.1	3.1
14	ESE	2.3	SE	3.3	SW	1.6	NNE	6.0	NNE	4.8	NNE	5.3	3.5
15	NNE	4.6	NNE	4.5	NE	6.2	NE	6.1	NE	4.5	NNE	3.0	5.5
16	NE	2.7	NE	2.2	ENE	2.9	N	3.0	E	2.0	ESE	2.0	2.5
17	E	2.6	ESE	3.4	SSW	8.6	SSW	7.5	S	2.1	SE	2.7	4.2
18	—	0.4	N	2.6	NNE	4.5	NNE	3.7	NNE	2.8	N	2.3	2.7
19	SSW	1.4	S	2.2	SE	5.4	SSW	9.4	SSW	5.8	S	6.8	4.8
20	S	5.8	WNW	3.1	W	1.1	SW	1.4	SSE	1.5	E	3.4	2.8
21	E	2.6	ESE	3.6	S	4.9	SSW	5.9	SSW	2.1	SW	1.9	4.3
22	NW	1.2	ENE	0.7	SSW	2.7	WSW	6.9	WSW	4.8	WNW	2.7	3.3
23	W	1.2	NNE	3.7	NNE	4.8	NNE	6.9	NNE	8.2	NNE	6.9	4.9
24	N	6.3	N	3.5	WNW	2.7	SW	6.0	SSW	3.7	WSW	9.9	5.5
25	WNW	2.6	W	0.9	N	3.8	N	5.1	NNE	4.1	NNE	5.1	4.3
26	NNE	4.3	NNE	5.8	NNE	5.7	N	4.2	N	2.5	W	3.6	4.3
27	W	4.1	WNW	4.0	SW	2.2	SW	4.2	W	1.8	S	2.1	3.1
28	S	2.3	SSW	4.0	SW	9.5	SW	16.3	WSW	11.6	W	5.2	7.5
29													
30													
31													
平均 Mean		3.1		3.0		4.0		5.2		3.7		3.4	3.7

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	—	—	—	0.0	—	—	0.0
2	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—
4	—	—	—	—	—	0.0	0.0
5	0.0	0.4	0.1	0.0	—	—	0.5
6	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—
8	—	—	0.0	—	—	—	0.0
9	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—
14	—	—	0.0	—	—	—	0.0
15	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—
17	—	—	—	—	—	0.0	0.0
18	0.0	—	—	—	—	—	0.0
19	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—
27	0.3	0.9	0.0	—	—	—	1.2
28	—	—	—	—	—	—	—
29							
30							
31							
平均 Mean	0.3	1.3	0.1	0.0	—	0.0	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
1	84.1	81.7	83.5	91.8	89.8	86.1	87.0	92.1	81.2	10.9
2	83.4	81.9	87.3	91.0	89.9	85.4	86.5	91.5	81.6	9.9
3	83.1	82.1	90.2	95.2	92.0	88.3	88.5	96.4	81.8	14.6
4	87.2	87.3	93.4	98.2	96.1	94.6	92.8	98.5	87.0	11.5
5	94.3	95.3	97.1	0.6	96.2	91.0	95.8	1.0	91.0	10.0
6	86.8	84.5	87.4	91.2	87.1	84.1	86.9	92.5	83.6	8.9
7	81.8	80.7	88.1	96.2	93.3	88.5	88.1	97.3	80.4	16.9
8	90.8	90.7	94.9	94.3	91.9	88.3	91.8	96.2	88.3	7.9
9	85.0	82.6	87.5	91.3	89.9	85.8	87.0	91.9	82.0	9.9
10	81.9	79.9	88.8	92.4	90.3	87.3	86.8	92.9	79.8	13.1
11	82.6	80.1	89.0	96.2	93.0	88.3	88.2	96.8	79.9	16.9
12	87.2	85.2	91.8	97.9	94.7	91.9	91.5	98.6	84.7	13.9
13	90.5	89.7	95.6	1.9	98.3	95.1	95.2	2.6	89.5	13.1
14	92.6	89.7	94.1	96.6	93.9	90.2	92.9	97.5	89.5	8.0
15	87.3	85.1	88.6	92.2	90.1	86.9	88.4	92.4	84.5	7.9
16	85.0	82.9	88.3	90.9	89.5	85.3	87.0	92.0	82.4	9.6
17	83.4	83.5	93.3	96.8	96.1	95.9	91.5	97.3	82.5	14.8
18	95.8	92.5	94.3	98.5	97.5	94.3	95.5	99.1	92.3	6.8
19	88.6	88.0	99.6	3.5	0.4	99.2	96.6	3.7	87.8	15.9
20	99.0	98.1	2.2	7.3	2.4	0.8	1.6	7.9	95.8	12.1
21	98.6	97.3	5.6	5.5	2.0	0.6	1.6	7.1	97.3	9.8
22	0.0	99.9	3.9	5.1	3.3	2.3	2.4	6.5	99.3	7.2
23	1.0	99.4	0.0	4.3	1.9	99.9	1.1	4.7	98.7	6.0
24	98.6	97.1	99.9	2.1	99.8	0.1	99.6	3.3	97.1	6.2
25	98.9	98.0	0.1	1.9	99.3	97.7	99.3	2.3	97.3	5.0
26	97.7	95.9	97.8	2.4	1.0	99.7	99.1	2.8	95.6	7.2
27	96.6	96.2	98.1	1.8	98.7	96.5	98.0	1.9	95.5	6.4
28	96.6	98.9	1.6	4.7	1.6	0.1	0.6	5.2	95.8	9.4
29										
30										
31										
平均 Mean	90.7	89.4	94.5	98.3	95.7	93.0	93.6	99.0	88.7	10.4

日 Day	濕度 (百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean
1	94	94	96	73	77	86	87
2	91	94	87	75	81	90	86
3	96	94	78	69	80	91	85
4	93	91	76	60	82	97	83
5	100	100	95	63	48	56	77
6	59	65	59	47	74	84	65
7	88	86	71	68	84	80	80
8	78	89	80	46	49	61	67
9	60	71	75	60	64	76	68
10	92	93	65	44	54	59	68
11	86	93	73	55	78	91	79
12	81	86	67	51	55	70	68
13	74	70	59	55	70	94	70
14	91	96	85	45	56	68	74
15	81	86	76	49	61	78	72
16	75	83	61	49	49	76	66
17	84	83	61	47	75	86	73
18	92	84	82	68	69	80	79
19	93	100	63	75	92	82	84
20	78	84	69	51	79	86	75
21	91	93	70	71	81	92	83
22	94	100	78	79	96	100	91
23	98	91	81	62	62	58	75
24	62	60	56	67	85	96	71
25	96	93	52	25	35	51	59
26	53	65	58	43	54	63	56
27	93	74	61	61	80	94	77
28	94	87	73	57	75	87	79
29							
30							
31							
平均 Mean	85	86	72	58	69	80	75

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 ck	8 sk,n	4 s	0 —	3.0	6.92	0.8
2	0 —	0 —	0 s	0 —	0 —	0.0	8.24	0.7
3	0 s	0 —	0 —	0 s	0 —	0.0	8.50	0.6
4	0 s	10 cs	10 cs	10 sc	7 s	7.4	6.02	0.6
5	10 n	10 n	1 s,sk	0 —	0 —	4.2	3.72	1.1
6	0 —	0 —	0 —	0 —	0 —	0.0	8.65	0.8
7	0 —	0 —	0 sk	0 —	0 —	0.0	8.28	1.0
8	0 —	2 c,n	10 sk	0 —	0 —	2.4	2.17	1.0
9	0 —	0 —	0 —	0 —	0 —	0.0	8.90	0.9
10	0 —	0 —	1 c,s	0 —	0 —	0.2	9.20	1.1
11	0 s	9 kc	0 —	0 —	0 —	1.8	6.90	0.9
12	0 —	0 —	0 —	0 —	10 cs	2.0	8.15	1.2
13	10 cs,c	10 cs	10 cs	10 sc,	0 —	8.0	8.60	0.9
14	2 s	10 n,s	3 c	6 cs	0 —	4.2	4.15	1.4
15	0 c	10 cs	10 s,cs	0 —	0 —	4.0	7.04	1.0
16	0 —	0 —	0 —	0 —	0 —	0.0	7.50	1.1
17	10 s	10 c,ck	10 n	10 s	10 n	10.0	0.75	1.0
18	10 sc,s	10 s	10 cs,s	10 s,c	0 —	8.0	0.00	0.8
19	0 —	0 —	0 —	0 —	0 —	0.0	9.50	1.3
20	0 —	0 —	0 —	0 —	0 —	0.0	9.40	1.4
21	0 cs	8 cs	10 s,sk	1 s	0 —	3.8	5.72	1.1
22	10 s	1	10 s,ck	10 s	10 s	8.2	5.50	0.9
23	4 s	10 s	10 cs,c	10 s,cs	10 s	8.8	4.80	2.4
24	10 s	0 sk	9 sk,s	1 s	10 s	6.0	7.63	1.1
25	10 s	0 —	2 cs	0 —	0 —	2.4	8.32	2.7
26	10 s,cs	10 sc,s	10 s,c	10 sc,s	10 s	10.0	3.12	1.3
27	10 s	7 kc, ck	8 sk	0 —	0 —	5.0	6.88	1.0
28	10 s	10 cs,s	10 c,s	9 cs, c,s	0 —	7.8	4.54	1.6
29								
30								
31								
平均 Mean	3.8	4.6	5.1	3.3	2.4	3.8	178.50	31.7

※ 重力ノ更正　Reduction to standard gravity……— 0.2
海面ヘノ更正　Reduction to mean sea level……+ 4.3

長　春
CHANGCHUN.

昭和五年二月　　FEBRUARY, 1930.

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	總計 Total
51.1	51.6	52.5	51.6	52.6	52.7	52.0	—	0.0	WNW	1.1	NNW	3.0	NNW	1.6	ENE	1.5	N	1.2	1.5	—	—	—	0.0	0.0	—	0.0
52.6	53.0	53.1	51.7	51.9	52.1	52.4	N	1.8	—	0.0	NE	1.1	NE	3.2	E	2.7	E	0.5	1.6	—	—	—	—	—	—	—
51.9	51.6	52.1	51.0	52.1	52.3	51.8	E	1.1	ESE	1.5	S	0.9	S	1.9	SSE	1.5	SSE	0.6	1.7	—	—	—	—	—	—	—
51.6	51.0	50.2	47.8	47.6	46.8	49.2	SSE	0.6	SSE	1.8	S	3.7	S	4.1	S	3.5	S	2.6	2.4	—	—	—	—	—	—	—
46.5	45.3	45.2	45.1	46.7	48.6	46.2	SW	4.1	SSW	6.6	WSW	10.3	W	7.4	WNW	6.9	WNW	7.3	7.0	0.5	1.3	0.3	—	—	—	2.1
49.3	50.6	51.5	51.1	51.7	51.7	51.0	W	7.9	W	5.0	WSW	2.1	W	5.8	W	1.2	W	5.8	4.5	—	—	—	—	—	—	—
50.8	50.1	49.4	46.5	44.8	43.9	47.6	W	5.1	S	5.8	S	5.8	S	9.8	S	2.6	S	5.8	5.6	—	—	—	—	—	—	—
42.2	41.2	42.5	45.5	47.0	49.2	44.6	S	7.7	SSW	8.2	SW	12.8	NNW	7.6	NE	3.3	—	0.2	6.3	—	—	—	—	—	—	—
50.7	52.0	52.2	50.4	50.3	50.3	51.0	NNE	2.2	—	0.0	WNW	0.8	W	2.9	—	0.4	S	2.1	1.7	—	—	—	—	—	—	—
49.4	48.5	47.8	50.2	52.0	52.8	50.1	SSE	5.4	SW	4.4	WNW	3.8	N	5.6	NW	4.8	NNW	2.1	4.3	—	—	—	—	—	—	—
52.8	52.1	52.3	50.9	52.1	52.8	52.2	NNW	0.7	SW	4.0	SSE	3.4	SE	4.0	SE	4.6	SE	2.2	2.9	—	—	—	—	—	—	—
53.1	53.5	54.1	53.5	53.9	54.2	53.7	SE	1.6	—	0.1	SE	2.2	NNE	2.6	ESE	3.5	ESE	2.3	2.1	—	—	—	—	—	—	—
54.2	54.2	55.0	53.6	53.5	53.1	53.9	ESE	2.5	ESE	1.8	E	6.0	ESE	5.3	ESE	4.2	ESE	1.7	4.0	—	—	—	—	—	—	—
52.0	51.3	52.4	52.5	55.3	56.2	53.3	S	4.2	S	2.6	NW	2.6	N	8.1	N	5.9	N	4.2	5.3	—	—	—	—	—	—	—
56.6	56.8	57.2	55.5	55.2	55.3	56.1	NNE	2.4	NNE	3.7	NE	5.8	NNE	3.9	NE	3.0	NE	2.5	3.5	—	—	—	—	—	—	—
53.9	52.7	52.9	51.5	51.7	52.3	52.5	—	0.1	—	0.0	NE	2.8	SSW	2.0	S	4.8	S	5.6	2.5	—	—	—	—	—	—	—
51.2	49.9	47.6	45.5	46.9	47.0	48.0	S	5.8	S	3.5	SSE	5.9	SE	5.8	SSE	2.8	S	5.8	4.3	—	—	—	0.8	0.2	—	1.0
47.1	47.4	48.4	47.1	47.0	46.8	47.3	S	3.1	WNW	3.7	WNW	1.3	W	1.1	NW	1.6	S	1.2	1.9	—	—	—	—	—	—	—
45.9	44.9	44.1	42.2	42.0	42.4	43.6	SSW	5.3	SSE	4.5	S	6.0	SW	8.8	SW	5.0	S	1.9	4.9	—	—	—	—	—	—	—
41.9	43.5	46.2	47.0	48.6	49.8	46.2	—	0.0	WSW	4.1	WSW	5.7	W	4.4	WSW	2.2	N	1.1	3.9	—	—	—	—	—	—	—
49.5	48.3	46.2	42.4	42.4	44.8	45.6	ENE	2.3	E	2.3	SE	4.0	SSE	6.0	SW	9.3	W	9.9	5.4	—	—	—	—	—	—	—
45.8	46.8	46.3	42.3	41.6	42.8	44.3	W	3.4	SW	0.5	SSE	4.6	SSW	9.6	SW	8.2	WSW	9.9	6.2	—	—	—	—	—	—	—
43.9	45.0	45.8	44.1	41.4	41.5	43.6	WSW	5.8	WNW	5.3	NNE	7.9	NE	6.0	NE	6.5	NE	8.2	6.4	—	—	—	—	—	—	—
38.5	36.3	36.5	35.2	35.5	35.6	36.3	N	5.4	NW	4.6	W	5.0	WSW	11.1	WSW	5.1	SSW	7.6	6.6	—	—	—	—	—	—	—
37.4	39.2	42.3	43.6	45.6	46.7	42.5	W	10.2	WSW	6.9	W	18.4	WNW	11.9	N	4.4	NE	5.9	9.5	—	—	—	—	—	—	—
46.0	46.1	44.4	41.7	41.0	41.7	43.5	ESE	3.0	NE	3.7	ENE	7.6	ENE	10.6	NE	11.7	NE	6.1	7.3	—	—	—	—	—	—	—
42.1	42.8	45.0	45.1	45.9	47.0	44.7	ENE	1.2	SSW	3.5	SW	10.2	SW	7.4	SW	8.5	WSW	4.6	5.9	—	—	—	—	—	—	—
45.3	45.4	44.0	41.5	41.9	43.0	43.5	S	2.5	SW	2.7	SSW	9.9	SW	13.4	SW	9.9	W	9.6	7.0	—	—	—	—	—	—	—
48.3	48.3	48.5	47.4	47.8	48.3	48.1		3.4		3.3		5.5		6.1		4.6		4.2	4.5	0.5	1.3	0.3	0.8	0.2	—	3.1

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			
83.8	81.6	86.2	88.0	85.8	85.8	85.2	88.5	80.6	7.9	83	87	81	67	81	91	82	0	—	10	s	10	n	10	s	10	s	8.0	2.00	0.8
81.1	79.4	86.0	90.9	87.8	83.6	84.8	91.4	78.7	12.7	94	93	91	63	71	89	84	3	c	3	s	0	—	0	—	0	—	1.2	5.30	0.9
79.8	81.1	87.9	95.5	89.9	87.2	86.9	95.8	78.8	17.0	91	93	79	49	70	83	78	10	kc	10	s	0	—	0	—	0	—	4.0	4.60	0.9
84.9	83.6	92.4	96.9	94.4	94.2	91.1	97.2	83.1	14.1	86	89	59	48	68	65	69	10	cs	2	cs	10	cs	10	s	10	s	8.4	4.30	1.0
94.2	93.8	95.7	96.7	90.8	83.0	92.4	97.6	82.8	14.8	88	97	88	64	66	67	78	10	n	10	s	3	s	0	—	0	—	4.6	3.50	0.9
79.8	78.7	83.4	86.4	83.2	79.6	81.9	87.3	77.7	9.6	66	70	68	46	57	65	62	2	s	0	—	0	—	0	—	0	—	0.4	9.00	1.0
77.9	77.7	87.3	91.0	85.8	84.6	84.1	91.3	76.5	14.8	69	68	59	47	54	55	59	0	—	0	—	0	—	0	—	0	—	0.0	9.00	0.8
85.7	86.5	92.2	91.0	86.8	83.4	87.6	92.5	80.3	12.2	54	56	71	49	57	62	58	0	—	0	—	10	cs	0	—	0	—	2.0	7.60	0.9
79.8	76.8	83.3	89.7	85.7	81.0	82.7	90.0	76.5	13.5	65	65	64	40	41	63	56	0	—	0	—	1	s	0	—	0	—	0.2	8.90	1.0
79.6	79.6	83.6	89.2	85.1	79.9	82.8	90.2	78.8	11.4	64	65	58	48	62	72	62	0	—	0	—	0	—	0	—	0	—	0.0	7.70	0.8
77.8	76.7	86.0	89.0	87.4	84.6	83.6	90.0	76.3	13.7	74	74	64	50	66	80	68	0	—	0	—	10	cs	0	—	0	—	2.0	3.10	0.8
82.4	82.4	90.0	93.5	89.0	86.1	87.2	94.2	81.3	12.9	69	77	67	44	65	72	66	9	kc	0	—	10	cs, kc	0	—	0	—	3.8	6.75	1.0
84.4	82.8	93.0	96.2	92.4	90.0	89.8	96.8	82.4	14.4	80	82	63	30	50	50	59	0	—	10	cs	5	c, cs	0	—	0	—	3.0	8.80	1.2
87.9	87.2	93.5	93.2	87.0	83.0	88.6	94.5	81.8	12.7	59	62	55	63	65	72	63	10	kc	10	kc	8	s	0	—	0	—	5.6	6.10	1.3
79.8	78.1	82.9	87.7	84.6	81.3	82.4	87.8	77.5	10.3	74	77	72	52	51	51	63	0	—	0	—	0	—	0	—	0	—	0.0	8.50	0.9
78.3	76.8	85.8	89.4	84.6	81.8	82.8	90.4	75.7	14.7	57	74	56	42	51	53	56	0	—	0	—	0	—	0	—	0	—	0.0	8.70	0.9
79.9	80.0	85.4	89.2	89.9	89.6	85.7	90.5	76.8	13.7	60	59	53	81	81	74	68	0	—	10	sc	10	s	10	sc	0	—	6.0	0.00	0.6
89.6	85.3	91.4	95.0	92.8	89.5	90.6	95.5	82.8	12.7	84	90	93	63	75	74	80	0	—	0	—	0	—	10	s	10	s	4.0	6.80	0.7
85.8	85.4	95.6	2.1	98.6	94.6	93.7	2.3	82.8	19.5	83	90	83	51	58	77	74	0	—	10	sc	0	—	0	—	0	—	2.0	7.30	1.3
92.7	92.6	98.8	4.2	99.2	95.6	97.2	5.3	90.7	14.6	80	81	66	35	37	40	57	0	—	0	—	0	—	0	—	0	—	0.0	9.30	0.8
92.1	90.6	99.0	3.6	4.0	95.6	97.5	4.7	90.2	14.5	54	65	58	62	60	59	60	6	sc	10	sc	10	sc	10	sc	0	—	7.2	0.00	1.3
89.6	89.6	0.8	7.2	4.7	2.0	99.0	7.3	88.6	18.7	79	81	76	52	62	86	73	0	—	0	—	0	c	0	—	0	—	0.0	8.60	2.0
96.6	92.7	98.2	99.6	97.5	94.7	96.6	0.0	89.7	10.3	92	78	63	39	44	58	62	0	—	10	sc	10	s	0	—	0	—	4.0	4.90	1.8
93.8	93.5	95.5	2.5	99.6	97.4	97.1	3.8	92.8	11.0	64	64	63	49	32	76	58	0	—	10	cs	8	cs	1	c	0	—	3.8	4.45	2.1
94.8	92.0	95.0	98.6	95.2	90.0	94.3	99.0	89.0	10.0	54	58	38	35	49	70	51	0	—	0	—	0	—	0	—	0	—	0.0	9.20	1.9
87.2	86.0	95.0	97.6	95.6	93.8	92.5	98.0	85.1	12.9	89	91	82	60	64	76	77	0	—	10	sc	10	sc	10	sc	0	—	6.0	8.80	1.2
94.0	95.6	98.6	0.6	96.4	95.6	96.8	1.5	93.8	7.7	78	73	66	50	45	51	61	0	—	0	—	0	—	0	—	0	—	0.0	7.60	2.3
94.8	94.0	0.0	4.9	2.0	98.5	99.0	5.0	90.0	15.0	55	84	75	43	58	64	63	0	—	10	sk	10	sc	10	sc	0	—	6.0	4.90	2.0
86.0	85.0	91.5	95.3	92.0	88.8	89.8	96.0	82.9	13.1	73	77	68	51	59	68	66	2.1		4.5		4.5		2.5		1.1		2.9	175.70	33.1

※ 重力ノ更正　Reduction to standard gravity ..... — 0.1
海面ヘノ更正　Reduction to mean sea level ..... + 21.3

旅順

昭和五年二月 RYOJUN. FEBRUARY, 1930.

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	65.1	65.4	66.0	65.5	NE	1.3	N	5.6	ENE	4.1	3.2	—	—	—	—
2	64.8	65.0	66.0	65.3	NE	4.7	NE	5.1	NNE	1.6	3.8	—	—	—	—
3	65.3	65.1	65.4	65.3	NE	1.8	WNW	2.6	NNE	2.2	1.8	—	—	—	—
4	64.2	62.1	61.5	62.6	NE	2.6	S	1.4	NNE	2.8	1.9	—	0.0	1.2	1.
5	60.3	60.2	63.0	61.2	NW	2.9	WNW	5.1	NNW	2.2	3.2	0.3	—	—	0.
6	65.6	66.5	66.6	66.2	NE	6.0	NE	4.1	ENE	1.2	4.3	—	—	—	—
7	64.7	63.2	60.6	62.8	NE	2.5	S	4.3	SSW	1.8	2.7	—	—	—	—
8	58.6	57.4	62.0	59.3	WSW	2.9	WNW	9.7	NE	10.2	6.1	—	—	—	—
9	63.7	64.1	64.9	64.2	NE	7.0	N	6.1	N	3.2	5.4	—	—	—	—
10	65.7	65.8	68.4	66.6	SE	1.3	NNW	6.1	ENE	0.6	2.4	—	—	—	—
11	67.1	66.2	66.1	66.5	E	2.5	W	5.0	WNW	3.6	3.7	—	—	—	—
12	65.9	66.1	65.5	65.8	E	2.9	SE	4.7	SE	4.3	3.4	—	—	—	—
13	65.0	66.5	66.6	66.0	SE	5.1	SSE	5.3	SE	4.0	4.7	—	—	—	—
14	66.0	65.8	66.7	66.2	SE	1.5	SSE	2.4	NE	4.2	2.8	—	—	—	—
15	66.4	66.1	66.2	66.2	NE	5.4	NE	3.7	NE	5.0	5.5	—	—	—	—
16	65.5	65.9	66.4	65.9	NE	5.3	ENE	3.6	ENE	3.9	4.5	—	—	—	—
17	63.9	60.2	59.9	61.3	ESE	1.5	WSW	6.0	SW	0.8	3.1	—	—	—	—
18	59.4	59.0	61.0	59.8	N	4.7	NNE	4.8	NNW	3.5	3.5	—	0.0	0.0	0.
19	61.3	61.2	60.5	61.0	NW	3.5	W	11.1	W	2.5	4.1	—	—	—	
20	60.3	60.5	61.5	60.8	W	5.8	S	1.9	SE	2.2	2.9	—	—	—	
21	60.7	58.2	59.7	59.5	SE	4.5	SE	10.1	SE	1.2	4.2	—	—	—	
22	60.3	59.5	59.1	59.6	—	0.1	SSE	3.5	SSE	1.4	1.8	—	—	—	
23	57.5	53.2	51.2	54.0	ESE	2.9	ENE	3.1	E	5.1	3.8	—	—	0.0	0.
24	54.0	54.0	54.1	54.0	NNW	6.4	NW	7.6	WNW	11.7	6.6	—	—	—	
25	54.9	55.6	54.7	55.1	NW	4.7	SE	3.0	SE	3.5	3.3	—	—	—	
26	51.4	52.7	56.2	53.4	ENE	4.7	NE	1.4	NNE	4.5	3.4	—	4.4	2.7	7.
27	59.1	61.4	61.9	60.8	ENE	2.3	NW	2.9	NW	1.2	3.0	1.2	—	—	1.
28	62.1	61.2	61.0	61.4	WNW	2.6	WSW	4.7	SW	0.9	2.3	—	—	—	
29															
30															
31															
平均 Mean	62.1	61.7	62.2	62.0		3.6		4.8		3.3	3.6	1.5	4.4	3.9	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	91.9	95.3	91.3	92.8	96.3	90.0	6.3	67	51	72	63	0 —	2 c	0 —	0.7	9.00	1.
2	89.4	93.3	91.1	91.3	94.7	88.2	6.5	81	69	76	75	0 —	0 c	0 —	0.0	9.00	1.
3	91.0	99.2	95.2	95.1	0.0	89.7	10.3	79	61	80	73	0 —	1 c	4 c	1.7	8.55	1.
4	94.5	99.7	97.2	97.1	0.7	93.2	7.5	76	85	92	84	2 cs	10 n	10 n	7.3	1.17	1.
5	97.6	0.4	97.0	98.3	0.8	95.1	5.7	95	68	86	83	10 s	10 sk	0 —	6.7	1.81	1.
6	91.0	93.3	89.6	91.3	97.3	88.7	8.6	49	46	62	52	0 —	0 —	0 —	0.0	9.43	1.
7	90.7	99.8	97.3	95.9	1.3	88.2	13.1	55	46	60	54	0 —	0 —	0 —	0.0	9.30	1.
8	99.3	2.3	94.4	98.7	3.4	93.6	9.8	88	69	51	69	10 sc	0 —	0 —	3.3	3.35	2.
9	89.4	92.9	91.3	91.2	96.1	87.6	8.5	49	57	60	55	0 —	0 —	0 —	0.0	9.50	1.
10	91.3	97.4	92.6	93.8	98.0	89.9	8.1	72	31	53	52	0 —	0 —	0 —	0.0	9.40	1.
11	93.0	2.0	98.8	97.9	2.9	91.2	11.7	33	39	74	49	0 —	0 —	0 —	0.0	9.50	2.
12	97.8	2.4	99.2	99.8	4.3	96.0	8.3	75	36	80	64	0 —	7 cs	10 cs	5.7	9.10	2.
13	99.6	4.2	99.6	1.1	5.1	98.2	6.9	69	61	81	70	9 cs,ck	6 ck	3 c	6.0	8.10	1.
14	99.8	6.2	97.0	1.0	7.7	96.0	11.7	81	59	84	75	10 c	0 —	0 —	3.3	8.55	2.
15	93.8	98.1	93.1	95.0	98.7	92.2	6.5	61	54	57	57	0 —	2 cs	0 —	0.7	8.80	2.
16	91.4	95.4	91.4	92.7	96.9	89.6	7.3	51	32	54	46	10 sc	0 c	0 —	3.3	7.70	1.
17	94.0	0.8	99.2	98.0	2.5	89.8	12.7	70	63	90	74	0 —	10 sk	10 sk	6.7	5.81	1.
18	98.4	99.0	96.5	98.0	0.0	95.5	4.5	90	93	94	92	10 sk	10 n	3 s	7.7	0.84	0.
19	97.3	4.0	2.2	1.2	5.3	95.5	9.8	82	66	69	72	0 —	3 c	0 —	1.0	9.70	2.
20	4.0	9.4	3.8	5.7	10.3	0.7	9.6	59	55	74	63	0 —	0 —	3 sk	1.0	9.25	2.
21	4.3	6.3	2.8	4.5	7.6	1.8	5.8	82	69	94	82	10 sk	8 kc	10 s	9.3	2.78	1.
22	3.3	4.2	3.0	3.5	7.2	1.7	5.5	100	93	96	96	10 s	10 s	6 s	8.7	3.79	1.
23	4.3	2.9	0.2	2.5	6.0	98.0	8.0	95	89	66	83	10 s	10 sk	6 sk	8.7	0.00	1.
24	99.6	4.2	0.4	1.4	4.6	98.5	6.1	59	75	100	78	10 sc	10 sk,c	10 s	10.0	2.85	0.
25	0.3	0.8	2.0	1.0	2.3	99.1	3.2	100	100	70	90	10 s	10 s	10 sk	10.0	0.00	1.
26	99.8	99.8	98.4	99.3	2.1	97.7	4.4	72	100	100	91	10 sk	10 n	10 n	10.0	0.00	0.
27	98.0	1.4	98.7	99.4	2.5	96.0	6.5	100	84	85	90	0 —	10 cs,s	0 —	3.3	4.79	1.
28	97.9	5.4	98.2	0.5	7.1	97.1	10.0	89	66	100	85	0 —	10 c,cs	10 s	6.7	7.60	1
29																	
30																	
31																	
平均 Mean	96.5	0.7	97.2	98.1	2.2	94.2	8.0	74	65	77	72	4.3	5.0	3.8	4.3	169.67	44.

* 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

昭和五年二月 ANZAN. FEBRUARY, 1930

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	69.5	69.6	69.8	69.6	NNE	1.2	NE	2.1	E	3.2	2.3	—	—	—	—
2	70.0	69.3	69.7	69.7	ENE	2.7	ENE	2.7	SSW	0.6	2.0	—	—	0.0	0.0
3	69.5	68.7	69.4	69.2	SW	0.9	ESE	1.8	ESE	1.2	1.0	—	—	—	—
4	67.8	65.0	64.5	65.8	SW	1.5	WSW	2.0	WSW	2.1	1.5	—	—	0.0	0.0
5	64.4	63.5	68.2	65.4	SSW	3.0	W	2.0	NNE	3.5	2.8	0.2	0.0	—	0.2
6	70.3	70.4	70.0	70.2	NE	2.3	E	2.7	WSW	2.0	2.6	—	—	—	—
7	68.5	64.5	61.8	64.9	S	1.1	SW	5.8	SSW	4.4	3.4	—	—	—	—
8	58.9	63.2	67.8	63.3	SW	6.4	NE	7.0	NE	2.4	6.0	—	0.0	—	0.0
9	69.4	68.7	68.0	68.7	ENE	4.4	ENE	5.2	SSE	2.1	3.3	—	—	—	—
10	69.3	70.2	71.3	70.3	SW	1.4	NE	4.7	ESE	2.4	2.7	—	—	—	—
11	71.0	68.4	69.4	69.6	SW	1.8	WSW	4.7	NE	0.6	2.3	—	—	—	—
12	70.9	69.7	69.6	70.1	NE	1.5	E	2.3	E	1.1	1.5	—	—	—	—
13	68.7	69.4	69.9	69.3	—	0.0	WNW	2.3	SSE	1.8	0.9	—	—	—	—
14	69.7	70.9	72.4	71.0	SW	1.8	NE	4.1	NE	3.8	2.8	—	—	—	—
15	72.6	71.8	71.3	71.9	NE	4.1	NE	5.8	NE	3.6	4.7	—	—	—	—
16	70.7	69.9	70.6	70.4	ENE	1.8	ENE	3.8	S	1.3	2.5	—	—	—	—
17	67.3	62.7	64.2	64.7	SW	0.9	SW	7.0	S	1.9	3.0	—	—	—	—
18	64.7	64.5	63.9	64.4	NE	2.7	NE	4.8	NE	1.3	2.6	—	—	—	—
19	63.8	61.3	60.9	62.0	SW	2.1	WSW	8.2	SW	5.6	4.4	—	—	—	—
20	61.4	64.3	65.4	63.7	SW	4.1	SW	3.8	—	0.0	2.5	—	—	—	—
21	64.1	61.3	63.1	62.8	S	0.5	SSW	4.7	S	0.7	2.2	—	—	—	—
22	63.7	61.7	62.1	62.5	ESE	1.5	SW	4.1	SSW	1.8	2.3	—	—	—	—
23	62.9	59.1	54.9	59.0	E	1.7	NE	5.6	NE	4.4	4.2	0.0	0.0	—	0.0
24	56.1	55.1	54.8	55.3	NNE	3.3	SW	3.6	WSW	5.3	4.4	0.9	0.0	—	0.9
25	57.9	61.7	59.8	59.8	SSE	0.8	NE	7.0	E	6.2	4.3	—	—	—	—
26	58.1	56.1	59.3	57.8	E	5.3	NE	4.7	W	3.4	3.8	—	—	0.0	0.0
27	61.9	63.7	64.4	63.3	—	0.0	WSW	1.2	S	1.1	1.6	1.4	0.0	—	1.4
28	63.7	61.2	62.7	62.5	SW	3.8	SW	7.6	SW	5.0	5.8	—	—	—	—
29															
30															
31															
平均 Mean	66.0	65.2	65.7	65.6		2.2		4.3		2.6	3.0	2.5	0.0	0.0	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	85.6	90.2	85.2	87.0	92.2	84.3	7.9	72	85	95	84	0 —	0 —	0 —	0.0	5.60	1.2
2	82.6	90.2	86.0	86.3	90.6	81.1	9.5	88	79	95	87	0 —	5 sk	0 —	1.7	6.40	0.8
3	83.6	93.0	88.5	88.4	93.8	83.1	10.7	100	69	96	88	0 —	0 —	0 —	0.0	5.60	0.8
4	87.0	97.2	95.4	93.2	98.2	86.1	12.1	95	55	97	82	0 —	10 cs	10 n	6.7	3.80	0.9
5	96.7	98.8	92.2	95.9	0.0	92.2	7.8	97	80	67	81	10 sk	10 sk	5 sk	8.3	0.70	1.3
6	84.4	88.6	86.0	86.3	92.5	83.9	8.6	75	54	82	70	0 —	0 —	0 —	0.0	8.50	1.0
7	84.5	96.2	94.0	91.6	97.2	83.6	13.6	66	58	59	61	0 —	0 —	0 —	0.0	8.70	2.1
8	97.6	95.8	89.6	94.3	0.8	89.4	11.4	65	52	64	60	0 —	5 cs	0 —	1.7	3.80	1.7
9	83.5	91.2	85.2	86.6	92.2	82.5	9.7	63	54	81	66	0 —	0 —	0 —	0.0	9.10	1.6
10	84.0	92.4	87.0	87.8	93.2	83.5	9.7	80	50	73	68	0 —	3 sk	0 —	1.0	8.80	2.0
11	84.2	95.6	91.8	90.5	97.0	83.8	13.2	78	47	89	71	0 —	0 cs	0 —	0.0	8.00	1.9
12	88.0	97.1	94.0	93.0	97.8	85.7	12.1	75	50	76	67	0 —	0 —	5 cs	1.7	9.10	2.0
13	91.8	0.2	95.4	95.8	1.9	91.2	10.7	80	45	88	71	5 cs	9 cs	0 —	4.7	4.30	1.3
14	92.8	96.7	91.2	93.6	98.7	90.4	8.3	87	74	82	81	0 —	10 sk	0 —	3.3	1.20	1.5
15	86.8	92.4	87.0	88.7	93.6	86.0	7.6	91	62	83	79	8 ck	7 cs	0 —	5.0	4.70	1.9
16	83.8	90.0	87.2	87.0	91.6	82.6	9.0	89	57	83	76	0 —	0 —	0 —	0.0	9.20	1.5
17	86.0	98.1	98.2	94.1	98.7	84.7	14.0	91	46	85	74	10 cs	10 sk	10 sk	10.0	2.40	1.9
18	95.5	96.8	95.0	95.8	98.7	92.4	6.3	97	89	94	93	10 sk	10 sk	10 sk	10.0	0.00	1.1
19	90.9	3.0	3.4	99.1	3.8	90.9	12.9	97	49	94	80	0 —	8 ck	0 —	2.7	9.10	2.9
20	2.8	6.8	0.8	3.5	8.3	0.8	7.5	97	53	88	79	0 —	0 —	0 —	0.0	9.20	1.5
21	98.3	7.4	1.4	2.4	7.4	98.0	9.4	95	50	80	75	0 —	10 sk	10 sk	6.7	2.50	1.5
22	0.0	4.8	1.6	2.1	6.4	98.9	7.5	96	83	92	90	7 sk	9 sk	10 sk	8.7	5.50	1.1
23	1.6	1.6	0.4	1.2	3.7	99.5	4.2	98	88	75	87	10 n	10 sk	10 sk	10.0	0.00	1.9
24	97.6	1.1	0.4	99.7	3.8	96.2	7.6	75	75	92	81	10 n	8 sk	0 —	6.0	9.20	1.8
25	97.4	2.2	98.8	99.5	2.9	97.2	5.7	95	48	66	70	0 —	5 cs	0 —	1.7	6.50	3.2
26	97.7	0.2	99.6	99.2	0.7	96.8	3.9	75	60	74	70	0 —	10 sc	10 n	6.7	0.00	1.4
27	95.6	0.2	97.4	97.7	1.6	94.6	7.0	94	70	89	84	10 n	10 cs	0 —	6.7	8.30	1.8
28	99.4	4.8	1.2	1.8	6.3	97.0	9.3	81	67	88	79	0 —	7 cs	0 —	2.3	8.90	2.2
29																	
30																	
31																	
平均 Mean	91.4	97.6	94.1	94.4	99.1	89.9	9.2	85	62	83	77	2.9	5.6	2.9	3.8	159.10	45.8

※ 重力ノ更正 Reduction to standard gravity……— 0.3
海面ヘノ更正 Reduction to mean sea level……+ 3.8

開　原

昭和五年二月　　KAIYUAN.　　FEBRUARY, 1930.

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	64.2	65.6	64.3	ENE	1.8	NNW	3.5	N	1.1	1.9	—	—	—	—
2	65.5	64.5	64.5	64.8	N	1.5	ENE	1.6	ENE	1.7	1.4	—	—	—	—
3	64.0	63.9	64.4	64.1	ENE	1.8	SW	1.9	E	2.9	1.3	—	—	—	—
4	60.6	60.3	59.2	60.0	NE	3.5	S	1.9	S	2.9	2.3	—	—	—	—
5	53.4	58.3	62.8	58.2	S	2.1	WSW	3.5	N	4.7	3.5	0.9	0.6	—	1.5
6	64.9	64.9	64.9	64.9	SSW	0.6	SE	2.3	—	0.0	1.1	—	—	—	—
7	63.2	59.4	56.3	59.6	—	0.4	S	5.4	S	4.1	2.6	—	—	—	—
8	53.6	57.5	60.2	57.1	S	8.2	NNW	5.8	N	0.6	2.4	—	—	—	—
9	64.6	64.0	63.9	64.2	—	0.0	ENE	1.2	S	4.1	1.7	—	—	—	—
10	63.7	63.8	66.4	64.6	—	0.0	N	2.9	E	1.2	2.7	—	—	—	—
11	65.9	61.6	64.4	64.0	—	0.0	S	1.8	E	1.1	1.6	—	—	—	—
12	65.5	65.3	65.5	65.4	NE	1.8	ENE	3.5	E	2.1	3.0	—	—	—	—
13	64.8	65.6	65.4	65.3	NE	2.9	E	1.2	E	1.4	2.9	—	—	—	—
14	64.3	65.7	68.2	66.1	ENE	1.8	N	2.9	N	4.7	2.6	—	0.0	—	0.0
15	68.4	68.2	67.5	68.0	NNE	3.9	NE	4.1	NE	2.9	3.8	—	—	—	—
16	65.8	65.0	65.2	65.3	NE	2.3	E	2.3	S	2.9	1.7	—	—	—	—
17	61.8	57.4	59.1	59.4	ENE	1.8	S	3.0	S	2.9	3.0	—	—	—	—
18	59.9	59.3	58.8	59.3	NNW	3.7	W	0.8	N	1.3	1.5	—	—	—	—
19	57.6	55.9	55.1	56.2	S	0.9	SSW	8.2	SSW	3.6	3.3	—	—	—	—
20	56.4	59.8	61.0	59.1	SW	5.4	SSW	1.2	E	2.0	2.8	—	—	—	—
21	59.2	55.8	57.4	57.5	E	1.5	S	6.4	W	2.9	3.6	—	—	—	—
22	58.8	55.8	57.1	57.2	—	0.0	SW	3.9	SW	3.3	3.4	—	—	—	—
23	58.5	55.7	52.0	55.4	NNE	0.6	NNE	5.3	NNE	4.7	3.9	—	—	—	—
24	50.2	48.8	49.0	49.3	N	4.2	SSW	5.8	SSW	4.7	5.3	—	0.1	—	0.1
25	53.4	57.4	57.8	56.2	S	2.3	NNW	5.8	NE	2.3	4.5	—	—	—	—
26	56.0	53.2	52.4	53.9	NE	2.8	NE	5.8	ENE	1.2	3.9	—	—	—	—
27	56.0	58.4	59.2	57.9	SW	2.9	SW	5.8	S	2.8	3.1	3.2	—	—	3.2
28	58.5	54.4	55.8	56.2	S	2.2	SSW	11.9	SW	10.5	6.8	—	—	—	—
29															
30															
31															
平均 Mean	60.6	60.1	60.7	60.5		2.2		3.9		2.9	2.9	4.1	0.7	—	4.8

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.	蒸發量 (粍) AMOUNT OF EVAPORATION
1	79.0	90.2	84.2	84.5	90.6	78.8	11.8	93	64	74	77	0 —	10 ck	0 —	3.3	3.80	1.1
2	77.2	89.6	83.7	83.5	91.0	77.2	13.8	83	77	83	81	0 —	0 —	0 —	0.0	7.20	1.1
3	80.4	94.4	85.7	86.8	95.0	80.0	15.0	86	52	91	76	7 sc	0 —	0 —	2.3	7.60	1.2
4	84.3	98.8	95.2	92.8	98.8	83.0	15.8	94	45	86	75	0 —	10 cs	10 n	6.7	5.20	1.0
5	95.7	97.9	88.7	94.1	98.1	88.7	9.4	86	82	54	74	10 n	10 n	0 —	6.7	2.30	1.2
6	86.2	87.9	79.7	94.6	88.9	75.5	13.4	56	41	52	50	0 —	0 —	0 —	0.0	9.40	1.2
7	76.4	93.1	89.0	86.2	94.0	75.5	18.5	73	33	65	57	0 —	0 —	0 —	0.0	9.40	1.7
8	94.1	93.6	86.3	91.3	95.7	86.3	9.4	63	79	55	66	0 —	10 sc	0 —	3.3	5.70	1.3
9	78.1	89.7	81.6	83.1	90.2	75.7	14.5	76	53	81	70	0 —	0 —	0 —	0.0	9.60	1.1
10	80.2	91.6	81.7	84.5	91.8	77.2	14.6	80	45	52	59	0 —	0 c	0 —	0.0	9.40	1.2
11	76.2	92.9	85.0	84.7	93.8	75.7	18.1	64	58	85	69	0 —	1 cs	0 —	0.3	8.90	1.7
12	80.7	95.1	87.8	87.9	95.8	80.4	15.4	87	48	71	69	4 cs	0 —	0 —	1.3	9.60	1.8
13	85.6	97.6	90.2	91.1	99.0	84.9	14.1	63	49	78	63	3 c	10 c	0 —	4.3	8.40	1.5
14	85.6	95.8	89.0	90.1	95.8	85.1	10.7	81	48	69	66	5 c	8 c	1 c	4.7	3.00	0.9
15	82.2	89.9	83.2	85.1	90.5	82.2	8.3	82	56	82	73	4 c	10 c	1 c	5.0	9.60	1.2
16	77.9	89.0	83.2	83.4	89.8	77.4	12.4	84	51	89	75	0 —	0 —	0 —	0.0	9.70	1.2
17	81.5	94.9	94.3	90.2	96.8	79.8	17.0	76	40	91	69	7 cs	10 n	7 cs	8.0	0.40	1.5
18	91.8	98.2	93.8	94.6	99.2	90.7	8.5	90	59	79	76	10 sc	9 c	0 —	6.3	6.90	2.0
19	87.7	2.2	98.4	96.1	2.2	85.8	16.4	88	57	83	76	0 —	1 cs	0 —	0.3	9.40	2.3
20	99.0	5.5	98.5	1.0	5.8	95.6	10.2	65	45	80	63	0 —	0 —	0 —	0.0	9.70	2.0
21	96.7	7.2	2.4	2.1	8.0	96.0	12.0	71	52	92	72	0 —	9 kc	8 c	5.7	4.00	5.2
22	94.1	6.4	3.0	1.2	8.1	93.8	14.3	82	61	93	79	8 sk	8 cs	10 n	8.7	5.40	1.8
23	98.7	3.2	99.4	0.4	3.4	96.6	6.8	90	49	67	69	7 cs	0 sc	0 —	2.3	9.00	2.5
24	96.2	2.2	0.2	99.5	3.2	94.7	8.5	62	52	72	62	10 n	2 c	4 sc	5.3	6.20	2.7
25	95.7	99.5	95.6	96.9	0.2	95.2	5.0	95	55	67	72	0 —	0 —	0 —	0.0	9.80	2.8
26	93.6	0.0	99.0	97.5	1.0	93.2	7.8	73	56	88	72	7 cs	10 sc	10 sc	9.0	0.90	2.0
27	94.7	1.4	97.5	97.9	1.4	92.2	9.2	91	55	87	78	5 cs	10 ck, k	0 —	5.0	9.10	2.2
28	95.6	4.4	1.5	0.5	4.6	94.2	10.4	88	42	81	70	10 n	10 sc	7 cs	9.0	4.60	3.2
29																	
30																	
31																	
平均 Mean	87.3	96.9	91.4	91.8	97.6	85.4	12.2	79	54	77	70	3.5	4.9	2.1	3.5	194.20	50.2

* 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

CHENGCHIATUN.

昭和五年二月 FEBRUARY, 1930.

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
62.3	63.8	64.4	63.5	NNE	0.8	NNE	3.4	NE	1.7	2.0	—	—	0.0	0.0
64.7	63.5	63.8	64.0	NNE	2.5	N	0.6	—	0.0	1.6	—	—	—	—
62.1	61.0	63.0	62.0	—	0.1	WNW	0.8	SSW	1.0	0.6	—	—	—	—
60.8	57.7	56.3	58.3	—	0.0	SW	3.1	SW	2.9	1.6	—	—	—	—
55.6	56.2	60.8	57.5	WSW	3.3	NNW	5.0	N	4.6	4.5	0.2	—	—	0.2
62.3	62.8	61.8	62.3	NNW	3.2	N	4.2	—	0.4	3.0	—	—	—	—
60.2	56.7	53.8	56.9	SSW	2.2	SW	5.5	SW	4.5	3.4	—	—	—	—
52.4	57.0	59.6	56.3	WSW	5.7	N	6.5	N	2.0	4.8	—	—	—	—
63.6	62.6	61.7	62.6	NNE	3.8	WNW	2.7	WSW	0.6	2.6	—	—	—	—
61.5	62.2	64.5	62.7	WNW	3.2	NNE	5.7	NE	1.4	3.5	—	—	—	—
62.5	59.7	62.4	61.5	W	0.5	WSW	4.2	E	1.1	1.6	—	—	—	—
64.0	63.5	62.5	63.3	NE	0.9	SSW	2.0	SE	2.6	1.7	—	—	—	—
63.6	63.1	63.3	63.3	ESE	2.7	SE	3.2	SSE	0.7	2.7	—	—	—	—
62.7	64.6	67.2	64.8	SSE	1.1	NNE	6.9	E	2.0	2.9	—	—	—	—
64.6	66.7	65.6	65.6	ENE	0.7	NE	1.8	E	2.2	1.9	—	—	—	—
63.9	62.3	53.1	59.8	—	0.0	W	1.5	WSW	1.4	1.5	—	—	—	—
60.0	54.9	57.0	57.3	S	2.7	SW	4.4	—	0.0	2.6	0.1	—	—	0.1
58.6	57.9	57.1	57.9	N	1.6	SW	0.5	SE	1.1	1.1	—	—	—	—
54.8	52.2	51.7	52.9	S	1.6	NW	5.1	SW	3.9	2.8	—	—	—	—
54.8	58.3	59.9	57.7	N	3.0	W	1.6	SW	0.9	2.4	—	—	—	—
57.1	52.5	56.4	55.3	SE	2.9	WSW	6.8	N	4.1	4.1	—	—	—	—
57.7	53.5	55.1	55.4	N	1.8	WSW	5.8	W	2.9	3.4	—	—	—	—
57.4	56.3	51.5	55.1	N	1.5	ENE	4.8	NE	3.7	3.1	—	—	—	—
48.6	45.9	46.5	47.0	NNE	3.4	W	3.8	SW	3.4	4.0	—	—	—	—
50.5	54.9	56.4	53.9	W	1.5	N	4.6	E	1.8	3.6	—	—	—	—
56.6	52.3	51.9	53.6	E	4.0	ENE	5.8	ENE	3.7	4.3	—	—	—	—
54.3	55.6	56.9	55.6	NNW	2.6	NW	4.5	—	0.0	3.1	—	—	—	—
55.4	51.5	54.6	53.8	SW	0.7	WSW	6.5	W	2.6	2.9	—	0.0	—	0.0
59.0	58.2	58.5	58.6		2.1		4.0		2.0	2.8	0.3	0.0	0.0	0.3

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.	
80.5	87.1	82.5	83.4	89.0	80.4	8.6	93	73	94	87	0	—	10	n	0	—	3.3	1.87	0.7
78.5	90.4	84.4	84.4	92.2	77.9	14.3	92	64	89	82	0	—	0	—	0	—	0.0	8.55	1.1
85.4	96.1	87.2	89.6	97.7	84.0	13.7	90	48	87	75	10	kc	0	—	0	—	3.3	7.65	1.4
83.2	98.6	95.1	92.3	99.1	82.9	16.2	94	54	86	78	0	—	10	s, sc	10	n	6.7	2.87	1.4
95.1	98.2	85.6	93.0	98.3	85.5	12.8	97	35	90	74	0	—	0	—	0	—	0.0	7.46	2.2
80.0	89.3	81.0	83.4	91.0	77.7	13.3	93	43	93	76	0	—	0	—	0	—	0.0	8.88	1.1
78.9	95.1	92.6	88.9	96.6	78.9	17.7	93	39	81	72	0	—	0	—	10	kc	3.3	9.06	2.0
90.9	91.2	88.4	90.2	94.6	87.6	7.0	93	43	96	77	6	cs	10	sc	0	—	5.3	3.52	1.2
77.3	89.8	82.8	83.3	92.3	87.0	15.3	92	43	94	76	0	—	0	—	0	—	0.0	8.98	1.3
80.9	90.1	82.3	84.4	90.5	80.7	9.8	93	48	82	74	0	—	0	—	0	—	0.0	8.92	1.3
78.1	95.8	82.0	85.3	96.8	76.2	20.6	92	57	88	79	0	—	0	—	0	—	0.0	5.30	1.8
80.0	96.3	89.5	88.6	97.8	79.5	18.3	93	54	89	79	0	—	0	—	0	—	0.0	8.85	2.2
86.2	97.6	89.7	91.2	99.3	85.5	13.8	91	30	70	64	10	cs	9	cs	4	cs	7.7	7.92	2.2
87.7	92.7	85.6	88.7	93.4	85.0	8.4	87	43	90	73	10	n	4	cs	0	—	4.7	7.84	1.5
79.7	89.0	83.5	84.1	93.4	79.7	13.7	93	34	73	67	0	—	5	c, cs	0	—	1.7	9.10	1.3
78.4	91.2	83.6	84.4	93.4	76.2	17.2	48	32	63	48	0	—	0	—	0	—	0.0	8.79	1.5
81.8	92.3	88.4	87.5	97.7	80.9	16.8	81	49	88	73	10	n	10	n	10	n	10.0	0.00	1.2
81.7	96.8	90.0	89.5	97.7	79.8	17.9	81	69	85	78	10	n, sc	10	cs	10	n	10.0	8.43	1.6
85.6	5.0	96.2	95.6	6.7	84.8	21.9	86	35	94	72	10	n	1	sk	0	—	3.7	7.59	3.5
91.4	4.5	94.1	96.7	6.6	84.5	22.1	86	34	94	71	3	sk	0	—	0	—	1.0	9.40	3.1
90.8	7.4	94.7	97.6	9.6	90.0	19.6	69	43	57	56	10	n	10	n	0	—	6.7	2.77	3.7
87.8	4.5	98.2	96.8	9.7	87.1	22.6	87	53	90	77	0	—	0	—	0	—	0.0	7.66	2.6
92.7	0.0	97.7	96.8	0.2	91.3	8.9	81	69	95	82	0	—	10	n	10	n	6.7	3.69	3.1
94.0	3.3	97.8	98.4	5.5	93.4	12.1	65	37	90	64	10	n	0	—	0	—	3.3	8.31	3.7
92.1	99.1	94.5	95.2	0.7	91.9	8.8	56	31	55	47	0	—	0	—	0	—	0.0	9.81	3.0
88.5	98.6	96.1	94.4	98.7	83.6	15.1	92	36	94	74	0	—	10	cs	10	cs	6.7	4.63	2.7
90.3	97.9	91.6	93.3	99.8	89.4	10.4	89	37	73	66	0	—	0	—	0	—	0.0	9.66	2.5
88.6	3.8	99.4	97.3	4.4	86.8	17.6	88	49	63	67	0	—	10	n	9	cs	6.3	1.05	3.0
85.2	96.5	89.8	90.5	98.3	83.5	14.8	86	46	84	72	3.2		3.9		2.6		3.2	188.56	57.9

* 重力ノ更正 Reduction to standard gravity ····· — 0.1
海面ヘノ更正 Reduction to mean sea level ····· + 11.5

洮南

TONAN.

昭和五年二月 FEBRUARY, 1930.

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	59.8	55.5	62.2	59.3	NNW	3.3	NNE	7.0	NE	1.9	4.9	—	—	—	-
2	61.5	60.2	59.3	60.3	N	2.0	NE	0.6	S	2.0	1.9	—	—	—	-
3	58.6	57.6	59.4	58.5	N	1.5	WSW	2.3	NE	1.2	1.9	—	—	—	-
4	57.7	53.1	51.9	54.2	ENE	1.2	SSE	2.3	WSW	0.7	2.2	—	—	0.1	0
5	50.8	52.1	55.7	52.9	WSW	2.5	WNW	8.5	WNW	4.7	3.1	0.0	—	—	0
6	58.3	57.4	57.6	57.8	W	3.4	WNW	2.3	SSW	2.3	2.8	—	—	—	-
7	54.8	50.7	47.9	51.1	S	1.6	SSW	6.1	S	6.7	4.9	—	—	—	-
8	49.2	52.4	58.3	53.3	NNW	4.4	NNW	9.9	NW	4.4	5.1	—	—	—	-
9	60.2	57.8	56.3	58.1	W	2.2	W	2.3	NW	4.4	2.2	—	—	—	-
10	58.1	59.9	60.5	59.5	NNW	5.0	N	6.7	SE	2.3	4.6	—	—	—	-
11	57.7	57.4	60.3	58.5	SSW	3.8	NW	0.9	E	0.9	2.3	—	—	—	-
12	61.7	60.9	60.7	61.1	E	1.2	SSE	4.7	ESE	3.5	3.4	—	—	—	-
13	62.2	61.6	61.0	61.6	NNE	3.8	E	2.0	NE	4.1	3.5	—	—	—	-
14	61.8	62.5	65.1	63.1	N	4.4	N	7.9	E	0.9	4.7	—	—	—	-
15	65.9	64.1	62.1	64.0	—	0.4	NW	2.3	SSE	2.6	1.7	—	—	—	-
16	50.4	58.9	57.8	55.7	SSE	1.5	NW	2.0	S	2.9	2.3	—	—	—	-
17	53.6	52.8	54.5	53.6	S	2.3	SE	5.8	SW	0.8	3.5	—	0.7	—	0
18	54.9	54.1	52.4	53.8	SW	1.2	SW	4.4	SSW	2.8	2.5	—	—	—	-
19	50.0	48.4	48.0	48.8	SSW	2.2	W	1.8	WNW	1.2	2.8	—	—	—	-
20	51.9	54.3	57.2	54.5	W	3.1	WNW	4.1	ENE	4.1	3.9	—	—	—	-
21	55.8	50.6	53.3	53.2	ENE	4.1	ENE	4.8	N	5.4	5.1	—	—	—	-
22	53.8	49.0	50.6	51.1	WNW	2.0	SSW	2.3	W	3.7	3.3	—	—	—	-
23	54.8	51.5	50.3	53.9	NW	2.9	NE	3.7	ESE	1.8	2.8	—	—	—	-
24	45.8	42.3	40.5	42.9	NW	0.8	SW	5.0	W	8.0	4.1	—	—	—	-
25	46.6	50.6	54.6	50.6	W	7.9	N	5.0	ESE	3.2	5.8	—	—	—	-
26	55.1	51.6	51.9	52.9	NE	4.1	NE	4.7	NNE	6.1	4.8	—	—	—	-
27	51.3	51.7	53.3	52.1	N	5.8	N	5.0	NNW	0.9	4.8	—	—	—	-
28	52.1	47.2	49.2	49.5	W	1.1	SW	4.1	WNW	3.7	3.0	—	—	—	-
29															
30															
31															
平均 Mean	55.5	54.6	55.4	55.2		2.8		4.2		3.1	3.6	0.0	0.7	0.1	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	82.5	87.2	82.7	84.1	88.8	81.6	7.2	66	71	94	77	0 —	4 c	0 —	1.3	4.28	0.
2	78.5	88.9	84.3	83.9	91.8	77.4	14.4	42	55	80	59	0 —	0 —	0 —	0.0	8.57	0.
3	81.7	93.1	87.1	87.3	95.6	80.4	15.2	82	61	83	75	0 —	0 —	0 —	0.0	8.61	1
4	82.3	94.3	92.3	89.6	95.6	81.4	14.2	77	80	90	82	0 —	10 n	10 n	6.7	2.25	0
5	87.7	93.9	82.9	88.2	94.4	82.9	11.5	80	60	58	66	0 —	0 —	0 —	0.0	8.70	1
6	76.1	89.7	81.7	82.5	91.4	75.6	15.8	81	70	53	68	0 —	0 —	0 —	0.0	8.87	1
7	78.9	93.9	89.9	87.6	96.1	78.8	17.3	71	55	67	64	0 —	0 —	5 c	1.7	8.71	2
8	84.5	90.5	83.2	86.1	91.5	83.2	8.3	81	66	54	67	10 sc	0 —	0 —	3.3	7.11	1
9	74.3	89.9	85.1	83.1	92.5	73.8	18.7	69	28	63	53	0 —	0 —	0 —	0.0	9.17	1
10	80.7	87.7	81.1	83.2	88.4	80.2	8.2	81	60	53	65	0 —	0 —	0 —	0.0	8.99	1
11	81.9	91.9	84.7	86.2	93.0	78.0	15.0	66	45	72	61	10 n	0 —	0 —	3.3	6.77	1
12	82.0	94.3	86.9	87.7	95.8	81.0	14.8	88	66	67	74	5 cs	1 c	0 —	2.0	8.90	1
13	80.9	89.5	87.3	85.9	96.4	80.6	15.8	81	36	60	59	0 —	5 c	0 —	1.7	9.08	1
14	83.9	88.3	83.3	85.2	89.0	82.7	6.3	75	84	78	79	9 n	3 c	2 c	4.7	8.77	1
15	77.9	86.9	81.5	82.1	89.6	77.6	12.0	77	36	64	59	2 c	2 c	0 —	1.3	9.34	1
16	74.1	89.3	83.7	82.4	92.0	74.0	18.0	79	40	70	63	0 —	0 —	0 —	0.0	9.50	1
17	84.2	90.2	84.1	86.2	90.6	81.0	9.6	89	89	89	89	10 n	8 s	0 —	6.0	1.81	0
18	76.1	94.9	87.6	86.2	97.0	76.0	21.0	91	66	80	79	0 —	10 cs	0 —	3.3	9.03	1
19	85.8	0.1	95.2	93.7	3.5	84.3	19.2	91	86	88	88	10 n	9 cs	10 n	10.0	8.86	1
20	87.1	4.1	93.5	94.9	4.9	86.1	18.8	91	52	76	73	0 —	0 —	0 —	0.0	9.41	2
21	88.9	95.6	90.0	91.5	96.0	87.1	8.9	88	63	96	82	10 n	10 n	0 —	6.7	0.00	1
22	82.3	99.3	97.9	93.2	2.7	81.9	20.8	89	45	80	71	0 —	10 c	0 —	3.3	8.93	2
23	91.7	0.7	93.9	95.4	1.0	91.2	9.8	90	26	82	66	4 sc	10 sc	0 —	4.7	5.68	1
24	91.6	2.3	0.1	98.0	3.7	90.5	13.2	90	60	64	71	10 n	6 c	0 —	5.3	8.42	3
25	90.3	98.9	90.3	93.2	0.4	89.0	11.4	85	59	85	76	0 —	2 k	0 —	0.7	9.86	2
26	83.7	94.1	91.7	89.8	95.4	83.6	11.8	89	82	72	81	0 —	10 cs	0 —	3.3	6.80	2
27	88.2	94.1	89.5	90.6	95.6	87.3	8.3	88	72	85	82	10 sc	6 c	0 —	5.3	7.28	1
28	84.1	2.1	97.5	94.6	3.3	83.9	19.4	89	76	73	79	0 —	10 cs	0 —	3.3	8.49	2
29																	
30																	
31																	
平均 Mean	82.9	93.8	88.2	88.3	95.6	81.8	13.7	81	60	74	72	3.2	4.1	1.0	2.8	212.17	43

* 重力ノ更正 Reduction to standard gravity ····· — 0.0
海面ニノ更正 Reduction to mean sea level ····· + 15.1

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滿洲氣象表

REPORT

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凡　例

本編ハ昭和五年三月中滿洲各觀測所ニ於ケル氣象觀測ノ成績ヲ示スモノニシテ其ノ觀測ノ時刻方法等ハ日本各測候所ト全ク同一ノ式ニ據ル今其要點ヲ擧クレバ

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

EXPLANATION.

The present publication contains the results of the meteorological observations made at the meteorological stations in Manchuria for the month of March 1930.

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	⊔	Frozen water
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	層卷雲	SC	Alto-stratus	層積雲	SK	Strato-cumulus
積雲	K	Cumulus	積卷雲	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

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	59.0	59.5	59.7	59.6	59.2	58.9	59.3	SSE	0.5	NE	2.9	NE	3.6	NE	6.0	NE	3.9	NNE	2.5	3.1	—	0.1	—	—	0.0	0.0	0.1
2	57.9	57.2	56.9	54.9	55.1	55.9	56.3	WNW	0.6	NNE	2.3	NE	3.8	NNE	3.7	NNE	4.8	N	4.3	3.2	0.6	1.5	0.7	0.1	0.0	—	2.9
3	55.8	56.7	57.6	57.9	60.8	62.0	58.5	NNW	4.7	NNW	6.9	N	11.0	NNW	12.7	NNW	8.6	NNW	10.7	8.8	—	—	—	—	—	—	—
4	63.1	63.3	64.2	62.9	63.2	64.2	63.5	NNW	8.2	NNW	7.5	NNW	7.4	NNW	7.8	NNW	7.2	NNW	8.3	7.8	—	—	—	—	—	—	—
5	65.3	65.4	67.1	66.4	66.9	67.4	66.4	NNW	2.2	NNW	3.8	N	6.0	NNW	6.7	NNW	8.6	NNW	10.7	6.3	—	—	—	—	—	—	—
6	68.0	67.8	68.7	67.4	68.4	68.7	68.2	NNW	7.6	NNW	4.6	NNW	4.2	NNW	3.4	NW	2.3	WNW	2.0	4.4	—	—	—	—	—	—	—
7	68.8	68.7	69.2	68.2	67.8	67.6	68.4	WNW	1.5	WNW	1.6	NE	2.3	SSW	3.6	WNW	1.1	WNW	1.7	1.9	—	—	—	—	—	—	—
8	66.6	65.8	66.1	64.2	64.2	64.8	65.3	SSW	4.7	SSE	2.9	S	2.0	SSW	8.5	S	5.3	S	3.1	4.1	—	—	—	—	—	—	—
9	64.9	64.9	66.2	65.6	66.8	66.6	65.7	W	0.9	NW	3.0	NNW	6.2	NNW	8.1	NNW	7.6	NNW	3.0	4.7	—	—	—	—	—	—	—
10	66.9	66.5	67.4	66.2	65.7	66.2	66.5	NW	3.8	NW	2.4	WNW	6.2	NNW	3.4	NW	2.5	NW	2.7	3.1	—	—	—	—	—	—	—
11	65.9	64.9	64.8	63.1	62.4	62.2	63.9	NNW	2.0	NNW	0.9	SSE	2.9	SSE	4.9	SSE	2.0	SE	5.3	3.0	—	—	—	—	—	—	—
12	60.1	58.9	58.0	55.1	53.6	51.9	56.3	SE	4.7	ENE	2.9	ENE	4.6	ESE	3.3	ENE	2.6	NW	2.1	3.7	—	—	—	0.1	0.1	—	0.2
13	49.7	47.5	47.0	45.0	45.1	45.1	46.6	NW	3.3	NW	2.9	NW	3.7	NW	5.6	WSW	2.7	SSE	3.3	3.9	—	—	—	—	—	—	—
14	44.0	43.2	44.4	44.6	47.6	50.1	45.7	SSW	8.9	E	0.6	ENE	3.2	NNW	8.0	NNW	8.0	NW	5.9	5.2	—	—	—	—	—	—	—
15	50.6	51.2	52.6	52.8	53.4	54.6	52.5	NW	6.1	NW	5.6	NW	7.0	NW	5.9	WNW	3.1	W	2.6	5.6	—	—	—	—	—	—	—
16	55.2	55.4	56.4	55.0	53.3	52.0	54.6	W	1.6	—	0.4	N	2.3	SSW	9.0	S	6.1	S	13.7	4.9	—	—	—	—	—	—	—
17	51.3	55.5	58.0	57.7	56.8	56.5	56.0	S	13.1	NNW	14.3	NNW	12.3	NNW	10.9	NW	1.2	SSW	12.1	10.6	—	—	—	—	—	—	—
18	55.0	52.9	52.5	52.5	53.2	55.2	53.6	SSW	12.0	SSW	10.1	W	11.3	NNW	2.7	NW	1.7	SE	3.7	7.5	—	—	—	—	—	—	—
19	55.6	55.3	56.6	56.5	57.1	58.4	56.6	NE	2.4	E	4.0	SSE	6.9	SE	7.2	SE	4.8	SSE	1.1	4.1	—	—	—	—	—	—	—
20	58.7	59.1	60.2	59.2	59.6	59.5	59.4	SSE	1.8	E	4.4	SE	7.8	SSE	5.4	SE	6.4	SSE	5.5	4.4	—	—	—	—	—	—	—
21	59.2	58.9	59.2	57.4	57.0	57.7	58.2	SSE	3.7	SE	0.9	SE	2.2	SSE	3.9	SE	0.9	SE	2.9	2.7	—	—	—	—	—	—	—
22	57.2	57.0	57.1	55.8	54.7	55.1	56.2	SE	2.2	SE	1.2	SSE	1.2	ESE	4.0	SE	5.6	SSE	3.6	2.9	—	—	—	—	0.0	0.0	0.0
23	54.5	53.6	54.3	53.9	54.0	55.1	54.2	SSE	5.1	SE	4.6	ESE	7.4	ESE	7.3	ESE	7.0	E	3.4	6.2	—	0.5	—	—	0.1	0.1	0.7
24	55.1	54.9	55.5	53.5	55.2	55.5	55.0	ESE	4.0	E	3.3	SSE	3.3	SSE	5.0	SW	7.0	S	9.9	4.8	0.0	—	—	—	0.3	5.0	5.3
25	57.0	56.5	57.6	55.3	53.3	52.0	55.3	N	3.5	NNE	1.8	NE	3.2	SSE	2.7	SE	4.8	SSE	7.0	3.8	—	—	—	—	—	—	—
26	51.0	51.9	54.3	53.5	54.2	55.0	53.3	SSE	10.8	WNW	2.3	NNW	8.3	NNE	6.2	NNE	5.8	N	4.3	6.2	—	—	1.0	3.3	1.7	—	6.0
27	54.2	54.0	54.4	51.8	51.5	51.5	52.9	NNE	1.6	NE	3.0	NE	5.7	ENE	4.1	E	1.7	NW	2.5	3.3	—	—	—	—	—	—	—
28	50.8	49.8	49.5	49.8	52.4	56.2	51.4	NW	2.3	NW	4.1	WNW	1.7	WNW	6.8	NNW	12.6	NNW	12.2	6.0	—	—	—	0.0	—	—	0.0
29	57.5	57.0	57.9	56.7	57.0	58.5	57.4	NNW	2.5	S	7.1	SSW	7.4	WNW	10.7	NW	3.4	E	2.9	6.2	—	—	—	—	—	—	—
30	59.2	59.9	62.0	60.6	60.8	62.0	60.8	SSE	3.3	N	4.3	NE	5.4	NW	7.0	N	3.8	NNW	1.7	4.4	—	—	0.1	—	—	—	0.1
31	62.5	61.0	61.3	60.7	60.3	61.2	61.2	SE	1.0	ESE	1.8	ESE	5.5	SSE	4.9	ESE	2.7	E	0.5	3.0	—	—	—	—	—	—	—
平均 Mean	58.1	57.9	58.6	57.5	57.7	58.3	58.0		4.2		3.8		5.4		6.1		4.7		5.0	4.8	0.6	2.1	1.8	3.5	2.2	5.1	15.3

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 WITHIN SUNSHINE	蒸發量 (粍) AMOUNT OF EVAPORATION
1	99.0	0.8	1.3	1.4	1.1	0.8	0.7	2.5	98.1	4.4	86	90	92	92	94	86	90	10 n	10 sk	10 sk	10 n	10 sk	10.0	0.00	0.5
2	1.2	0.0	0.4	1.2	1.1	1.1	0.8	1.2	99.7	1.5	91	98	98	96	98	98	97	10 n	10 n	10 n	10 s	10 s	10.0	0.00	1.3
3	0.7	0.3	1.4	3.0	1.7	0.3	1.2	3.5	0.0	3.5	97	83	50	46	46	32	59	10 s, sk	10 sc	10 cs, c	3 cs	0 —	6.6	6.90	5.1
4	97.7	96.5	98.7	0.8	99.0	98.5	98.5	1.0	96.2	4.8	36	40	35	44	44	39	40	10 sk	10 cs, sc	10 cs, sc	0 c	0 —	6.0	7.60	4.1
5	97.0	97.7	98.7	0.0	97.5	95.2	97.7	1.1	95.2	5.9	40	35	39	35	34	39	37	10 cs	10 sc	10 cs	10 ck	7 cs	9.4	3.10	4.4
6	94.1	93.9	97.8	1.6	98.0	96.3	97.0	3.0	93.7	9.3	35	38	31	23	54	70	42	10 cs	3 c	1 c	0 —	0 —	2.8	9.90	2.3
7	96.2	95.6	3.3	5.0	0.2	98.9	99.9	6.0	95.3	10.7	58	80	51	55	60	80	64	0 c	0 c	3 sk, c	10 sc	0 —	2.6	9.40	1.9
8	98.8	98.6	4.9	6.7	1.1	0.4	1.8	7.3	97.6	9.7	52	78	66	45	78	72	65	0 —	0 —	0 ck	0 —	0 —	0.0	10.15	2.5
9	1.7	0.7	2.9	5.3	2.7	0.5	2.3	6.4	99.3	7.1	56	72	57	48	54	61	58	0 —	0 —	0 —	0 —	0 —	0.0	10.30	3.7
10	0.2	99.1	6.0	9.4	5.7	2.8	3.9	10.1	98.8	11.3	56	67	35	36	43	48	48	0 —	0 —	0 c	0 c	3 c	0.6	10.54	3.4
11	0.9	1.7	6.7	8.2	4.0	2.6	4.0	9.2	0.0	9.2	52	52	56	44	59	59	59	4 c	10 cs	9 c	10 sc	10 cs	8.6	9.20	2.2
12	2.6	2.4	2.4	3.8	3.3	2.5	2.8	5.2	1.7	3.5	93	94	94	78	60	69	81	10 s	10 s	10 n	10 sk	10 sc	10.0	0.00	1.1
13	1.7	0.6	3.5	6.4	4.2	5.1	3.6	8.1	0.2	7.9	80	88	64	44	66	51	66	10 sk, s	10 sc	10 cs, sc	10 ck, cs	10 cs	10.0	5.60	3.1
14	5.9	4.3	7.0	9.0	4.7	2.2	5.5	10.2	2.0	8.2	47	49	49	48	57	83	56	1 ck	8 c	8 c	1 c, s	7 kc, c	5.0	10.40	4.4
15	3.4	3.3	7.1	9.0	6.9	6.5	6.0	9.8	1.6	8.2	66	66	49	41	45	47	52	6 kc, c	1 ck, c	0 —	0 —	0 —	1.4	10.52	3.7
16	7.2	4.5	10.6	13.4	7.5	6.5	8.3	15.5	3.4	12.1	38	45	38	27	28	45	37	0 —	0 —	0 c	10 c	0 —	2.0	10.90	7.3
17	7.9	99.8	1.4	2.4	0.9	0.3	2.1	10.2	99.0	11.2	55	83	32	32	36	61	50	10 sk	0 —	0 —	4 cs	0 —	2.8	10.05	5.0
18	1.7	4.3	11.3	12.1	8.4	5.2	7.2	12.7	0.0	12.7	55	49	36	32	50	60	47	0 —	0 —	0 —	0 —	0 —	0.0	10.70	4.8
19	3.6	2.7	6.3	6.0	2.8	2.0	3.9	7.8	1.8	6.0	66	54	45	32	68	70	56	0 —	6 c	10 c	4 cs	0 —	4.0	10.65	3.6
20	2.2	1.8	6.3	6.6	3.4	3.0	3.9	8.3	0.3	8.0	70	79	47	49	70	78	66	2 c	10 cs	10 cs	10 c	2 c	6.8	10.50	3.3
21	3.6	2.0	10.4	11.6	6.7	3.9	6.4	12.5	1.9	10.6	88	94	67	57	78	96	80	0 —	0 —	6 c	6 cs	3 cs, k	3.0	10.35	2.8
22	3.4	1.4	6.7	10.5	6.9	6.4	5.9	12.5	1.0	11.5	92	94	78	57	74	78	79	10 cs	10 cs, sc, k	7 c, cs	10 n, sk	10 sk	9.4	7.66	2.7
23	5.0	5.1	6.9	6.4	5.7	5.1	5.7	8.6	5.0	3.6	90	97	92	100	100	100	97	10 sk	10 s	10 s	10 n	10 s	10.0	1.40	1.1
24	4.6	5.3	9.1	10.0	8.5	7.7	7.5	13.3	4.6	8.7	100	100	100	72	91	97	93	10 kn, c	8 sk, k, s	10 sc	10 kn	8 s	9.2	5.85	2.8
25	7.3	6.1	10.2	9.5	6.5	8.3	8.0	12.3	6.0	6.3	97	97	74	87	98	95	91	10 s	10 c	10 c	10 s	4 s	8.8	5.35	1.9
26	9.0	9.9	5.0	4.4	4.7	5.2	6.4	12.0	4.1	7.9	86	91	89	100	98	90	92	10 s	10 n	10 n	10 n	10 s	10.0	0.00	0.9
27	5.2	4.2	8.5	10.4	7.4	5.9	6.9	12.3	4.1	8.2	79	78	62	64	86	97	78	10 kc, sk	10 cs, s	7 ck, cs	3 cs	0 —	6.0	10.13	2.4
28	6.7	4.9	10.3	11.3	2.0	0.6	6.0	13.0	0.5	12.5	86	73	62	56	74	59	68	10 sk	0 sk	9 sk	8 sk	0 —	5.4	4.82	4.2
29	99.8	0.0	6.5	9.0	3.5	2.0	3.5	9.4	98.0	11.4	55	59	43	38	66	44	51	0 —	0 —	0 k	0 —	0 —	0.0	10.75	3.5
30	2.6	2.5	1.5	5.5	2.7	0.6	2.6	6.2	99.4	6.8	58	57	68	25	25	39	45	10 s	10 cs, sk	1 cs	0 —	0 —	4.2	7.69	4.0
31	99.7	0.1	5.3	4.7	2.0	0.8	2.1	6.1	99.1	7.0	54	64	32	43	58	65	53	1 c	2 cs	10 cs, ck	10 sc	0 —	4.6	8.00	2.6
平均 Mean	2.3	1.6	5.1	6.6	3.6	2.5	3.6	8.3	0.2	8.1	68	72	59	53	64	69	64	5.9	5.7	6.2	5.8	3.7	5.5	226.23	96.9

* 重力ノ更正 Reduction to standard gravity ..... — 0.4
海面ヘノ更正 Reduction to mean sea level ..... + 9.2

大　連

昭和五年三月　　DAIREN.　　MARCH, 1930.

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	3.7	4.3	4.6	4.7	4.6	4.2	4.4	0.1	2.2	0.2	0.8	99.7	99.7	0.1	0.2	1.2	2.8	4.9	6.8	8.3	96.7	6.5
2	4.5	4.5	4.6	4.8	4.8	4.8	4.7	0.0	1.1	0.8	0.6	99.5	99.5	0.1	0.3	1.0	2.9	4.8	6.8	8.2	99.5	2.4
3	4.7	3.9	2.5	2.6	2.4	1.5	2.9	99.8	5.1	99.4	1.4	99.7	99.7	0.2	0.3	1.3	2.8	4.9	6.7	8.0	99.0	7.2
4	1.4	1.4	1.5	2.1	1.9	1.6	1.7	98.5	0.7	98.7	99.3	99.6	99.5	0.2	0.5	1.4	2.9	4.9	6.9	8.2	95.6	5.2
5	1.5	1.3	1.6	1.6	1.3	1.2	1.4	98.0	1.5	97.3	98.9	99.6	99.6	0.2	0.3	1.5	2.9	4.9	6.6	8.1	94.4	5.6
6	1.0	1.1	1.2	1.2	2.1	2.5	1.5	96.2	5.9	98.2	0.1	99.2	99.7	0.2	0.5	1.6	3.0	4.9	6.8	8.2	92.9	9.6
7	1.9	2.7	2.9	3.6	2.8	3.4	2.9	95.9	7.4	99.3	0.9	99.1	99.6	0.3	0.4	1.8	3.2	4.9	6.6	8.0	92.7	15.2
8	2.2	3.2	4.2	3.3	3.9	3.4	3.4	97.7	8.5	0.0	2.1	99.6	99.7	0.3	0.6	1.7	3.1	4.9	6.8	8.0	95.0	13.8
9	2.9	3.5	3.2	3.2	3.0	2.9	3.1	99.0	8.2	99.7	2.3	99.6	99.7	0.2	0.5	1.6	2.9	4.7	6.5	7.9	95.7	11.6
10	2.6	2.9	2.4	3.1	2.9	2.6	2.8	98.0	12.0	99.9	3.3	99.6	99.6	0.2	1.0	2.0	3.1	4.9	6.7	8.0	96.4	16.1
11	2.5	2.7	4.1	3.6	3.5	4.9	3.6	98.1	12.0	0.4	3.5	99.8	99.8	0.3	1.4	2.3	3.1	4.8	6.6	7.9	97.0	17.8
12	5.1	5.1	5.1	4.6	3.5	3.8	4.5	1.0	6.7	1.5	3.1	0.3	99.7	0.8	2.0	2.4	3.0	4.8	6.6	7.9	0.9	10.9
13	4.1	4.2	3.8	3.2	4.1	3.3	3.8	0.2	8.1	1.0	3.1	0.4	99.9	1.3	2.1	2.5	3.1	4.8	6.6	7.8	0.0	12.8
14	3.3	3.1	3.6	4.1	3.7	4.4	3.7	0.0	10.0	1.3	3.8	0.4	0.4	1.8	2.5	2.9	3.2	4.8	6.5	7.8	99.2	17.[illegible]
15	3.5	3.9	3.7	3.5	3.4	3.4	3.6	0.4	12.4	2.0	4.9	1.5	1.4	2.3	2.9	3.0	3.4	4.9	6.6	7.8	0.8	15.[illegible]
16	2.9	2.8	3.7	3.1	2.2	3.3	3.0	0.0	15.1	4.6	6.6	1.9	1.9	3.0	3.6	3.4	3.4	4.9	6.6	7.9	0.2	24.[illegible]
17	4.4	3.8	1.6	1.7	1.8	2.8	2.7	2.0	9.5	0.2	3.9	2.4	3.2	4.1	4.4	3.7	3.4	4.9	6.5	7.9	98.2	10.[illegible]
18	2.8	3.1	3.6	3.4	4.1	4.0	3.5	0.3	16.3	3.2	6.6	2.5	2.2	3.3	3.9	3.9	3.5	4.9	6.5	7.7	99.4	19.[illegible]
19	3.9	3.0	3.2	2.3	3.8	3.7	3.3	0.0	14.5	1.2	5.2	3.4	3.5	4.4	4.8	4.2	3.6	4.9	6.4	7.6	99.9	17.[illegible]
20	3.8	4.1	3.4	3.6	4.1	4.4	3.9	0.0	15.7	4.0	6.6	3.2	3.5	4.5	5.0	4.6	3.9	4.9	6.5	7.6	97.4	16.[illegible]
21	5.2	5.0	6.3	5.8	5.7	5.8	5.6	1.0	19.0	5.5	8.5	4.5	4.2	5.1	5.5	4.8	3.9	4.9	6.4	7.6	0.0	22.[illegible]
22	5.4	4.8	5.7	5.5	5.5	5.6	5.4	2.2	18.0	7.0	9.1	5.5	5.4	6.2	6.4	5.5	4.2	5.1	6.6	7.7	0.0	23.1
23	5.9	6.3	6.8	7.2	6.8	6.6	6.6	5.0	11.0	7.0	7.7	6.9	6.5	7.0	7.0	5.7	4.4	5.1	6.6	7.7	4.2	13.6
24	6.3	6.7	8.6	6.5	7.5	7.6	7.2	6.0	16.2	8.3	10.2	7.4	6.5	6.8	7.0	6.5	4.5	5.3	6.6	7.6	4.8	23.[illegible]
25	7.4	6.8	6.9	7.7	7.1	7.8	7.3	5.5	17.2	8.0	10.2	7.9	7.2	7.9	7.8	6.4	4.7	5.4	6.6	7.6	4.4	21.3
26	7.4	8.3	5.8	6.2	6.3	5.9	6.7	8.6	6.2	5.2	6.7	7.7	7.8	8.4	8.4	6.9	4.9	5.4	6.6	7.5	4.0	11.3
27	5.2	4.8	5.2	6.0	6.6	6.7	5.8	3.0	19.9	6.0	9.6	5.7	5.7	6.7	7.0	6.8	5.1	5.4	6.6	7.6	2.1	20.9
28	6.3	4.8	5.8	5.6	3.9	2.8	4.9	5.2	15.0	1.5	7.2	6.8	7.0	7.9	8.0	7.0	5.4	5.7	6.6	7.6	99.8	20.2
29	2.5	2.7	3.1	3.3	3.8	2.3	3.0	0.0	16.2	0.8	5.7	3.4	4.5	6.4	7.1	7.2	5.4	5.8	6.6	7.6	96.4	16.3
30	3.2	3.1	3.5	1.7	1.4	1.8	2.5	1.9	13.6	99.9	5.1	3.4	4.5	5.9	6.5	7.0	5.6	5.8	6.6	7.6	96.6	13.0
31	2.4	2.9	2.1	2.7	3.1	3.1	2.7	98.5	13.1	0.0	3.9	2.0	3.2	4.9	5.7	7.0	5.9	5.9	6.9	7.6	95.4	16.3
平均 Mean	3.9	3.9	4.0	3.9	3.9	3.9	3.9	0.7	10.9	2.0	4.5	2.3	2.4	3.3	3.7	3.8	3.8	5.1	6.6	7.8	98.7	14.7

記　事 REMARKS.

日 Day	記事 REMARKS.
1	∞°⊔²a. ⊠a.p. ♓°8h25–9h15.⚹°5h35–5h55.△°16h52–18h26.△°⚹°22h28– ⊟°a.
2	⊠a. –△°⚹°–△¹⚹10h35–⚹14h30–⚹°△°5h20–△¹6h10–△°7h35–8h26.●°⚹°8h30–♓°8h50–⚹°♓°9h40– –⚹°9h50–●°♓°10h45–
3	∞a.⊕°p 2nd: {–♓°12h55–13h35.⚹°15h42–● ⚹°16h07–♓°16h25–♓¹16h40–♓²17h20–♓¹19h15–♓°19h30–20h00.♓°21h15– –♓¹21h37–♓°22h30–23h05. 3rd: ♒8–11.13–17,21–24h. ⊟°p.
4	⊕²a. ⊟¹a.p.
5	⊕¹p. ♒22h. ⊟¹a.p.
6	⊔°p. ⊟¹a.p.
7	⊔¹a.∞°a.p. ⊟¹a.p.
8	⊔¹a.p. ⊟¹a.
9	⊔¹a.∞°p. ⊟¹a.
10	∞°a.p.⊕¹p. ⊟¹a.
11	♉°,⊕²a
12	♓°2h30–♓¹3h00–♓²6h25–♓¹8h30–♓°9h50–10h35.●°10h56–13h08.●°13h50–14h30.
13	⊕°,⊎²⊕°p.
14	∞°a. ♒3.15h.
15	
16	∞°a. ♒20–
17	–♒–2.5–14.22– ⊟°a.
18	–♒–3.5–6.10–11h.
19	⊕¹p.
20	⊔².⊕¹a.⊕°p. ⊟°a.
21	♎¹a.
22	♎¹,⊕°a ♓°8h25–10h50.●°16h16–16h20.●°19h55–20h07.
23	∞a. ●°3h20–3h50.●°14h35–23h30.♓°8h50–♓¹10h56–
24	–♓¹–♓°9h39–9h56.●°17h45–●¹18h27–●°18h32–19h30.♈°(SW)17h58··♈¹18h12··♈²18h25··♈¹18h35·· –♈°18h50–19h00.
25	⊕²a.p. ♓°12h10–♓¹14h10–♓°17h25–19h30.
26	●°6h45–●¹6h52–●¹♓°6h58–●°♓²7h10–♓¹7h30–♓°8h12–8h35.●°9h51–●¹12h50–●°13h09–●¹13h20– –●°♓°13h40–●¹♓°14h15–●°♓°14h25–♓°17h15–18h10. ♒1–3h.
27	♎°p.
28	●°13h26–13h29. ♒16–23h. ⊟°p.
29	♒12–14h. ⊟¹a.
30	⊠a. ⚹°7h23–⚹¹7h40–⚹°8h15–9h40. ⊟°a.
31	⊔°∞°a.⊕°p. ⊟°a.p.

營口
YINGKOW.

昭和五年三月 MARCH, 1930.

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 PRECIPITAION. (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	合計 Total
67.4	68.6	69.7	68.9	68.8	68.4	68.6	S	3.5	W	1.3	NE	4.7	NNE	4.4	NNE	4.1	NNE	3.1	2.7	—	—	—	—	—	—	—
67.3	66.5	66.4	64.5	64.8	65.3	65.8	NNE	2.9	NNE	1.2	N	1.4	NNE	1.9	NE	1.5	NNE	2.3	1.9	—	—	1.9	0.1	—	—	2.0
65.4	66.8	68.6	68.5	70.2	72.5	68.7	N	2.2	N	3.5	N	9.9	N	9.0	N	7.0	N	7.6	6.4	—	—	—	—	—	—	—
73.4	73.6	73.9	73.0	73.0	74.7	73.6	N	6.3	NNE	6.2	NNE	5.3	NNE	4.7	NNE	3.5	NE	2.8	4.8	—	—	—	—	—	—	—
75.0	77.1	78.6	77.5	78.0	78.9	77.5	N	2.9	NNE	5.8	NNE	9.0	NNE	7.6	NNE	5.5	NNE	3.2	5.8	—	—	—	—	—	—	—
78.9	78.0	78.8	76.9	76.9	77.4	77.8	NNE	4.9	N	4.4	NNE	5.0	NNE	3.8	NE	1.8	NE	1.7	3.6	—	—	—	—	—	—	—
77.2	77.5	77.4	77.2	75.8	75.7	76.8	—	0.3	E	0.8	SE	1.5	SW	3.4	S	2.5	SSE	2.0	1.7	—	—	—	—	—	—	—
74.7	73.8	74.0	72.4	72.3	72.7	73.3	SSE	2.2	SSE	2.0	SSW	6.1	SSW	5.8	SW	2.3	SSW	1.6	3.4	—	—	—	—	—	—	—
73.1	74.5	75.9	74.7	74.4	74.8	74.6	SSE	0.7	ESE	0.6	NNE	5.1	N	5.7	NNE	3.7	NE	0.6	3.1	—	—	—	—	—	—	—
75.1	74.7	75.9	74.8	74.4	74.4	74.9	NE	1.8	SE	1.3	SE	1.2	NE	2.3	NE	1.9	NE	2.0	1.7	—	—	—	—	—	—	—
74.1	74.6	72.7	71.0	70.4	70.5	72.2	ENE	2.6	NE	1.2	SE	2.6	SW	3.3	SW	1.3	S	1.2	1.8	—	—	—	—	—	—	—
69.1	67.8	66.8	64.1	62.4	61.0	65.2	SSE	1.3	NNE	0.5	NE	1.0	W	1.8	NW	1.0	NW	1.9	1.3	—	—	—	—	—	—	—
58.3	55.8	54.2	52.2	52.4	53.6	54.4	NW	0.5	NW	1.1	NW	1.7	W	1.3	SSW	1.9	SSW	2.3	1.8	—	—	—	—	—	—	—
52.8	53.5	54.4	54.5	56.2	57.5	54.7	S	1.8	NNE	2.3	N	5.3	N	4.7	NNW	3.2	NW	3.9	3.4	—	—	—	—	0.0	0.7	0.7
58.1	58.5	59.9	59.5	60.0	61.8	59.6	NW	3.5	NW	3.0	N	3.8	NNW	5.8	NNW	1.9	NW	1.9	3.1	0.2	—	—	—	—	—	0.2
63.1	63.5	64.0	61.9	60.8	59.1	62.1	SW	1.6	S	1.8	SW	2.5	SW	2.3	SSE	2.6	SE	1.6	2.0	—	—	—	—	—	—	—
59.8	65.2	67.3	65.3	63.6	63.9	64.2	NW	7.3	N	9.0	N	10.5	N	4.4	SW	3.6	S	2.5	6.2	—	0.5	—	—	—	—	0.5
61.8	59.0	61.3	61.8	62.3	64.6	61.8	S	7.6	SSW	4.7	S	1.0	NNE	7.3	NE	3.4	NE	2.3	4.5	—	—	—	—	—	—	—
64.3	64.1	65.3	66.1	65.8	67.0	65.3	NE	1.8	NE	1.7	NE	1.9	NNE	2.5	NE	1.9	NE	2.0	2.2	—	—	—	—	—	—	—
67.4	67.5	68.4	67.6	67.4	68.2	67.8	NE	3.5	NE	1.3	SW	2.6	W	3.2	WNW	0.7	WNW	0.6	2.1	—	—	—	—	—	—	—
67.7	67.4	67.3	65.6	64.9	65.5	66.4	—	0.3	E	0.8	S	2.4	W	3.5	W	1.3	W	1.7	1.4	—	—	—	—	—	—	—
65.3	65.0	65.0	63.3	62.3	62.8	64.0	W	0.6	E	2.6	SE	2.1	SE	3.0	SE	5.8	SE	1.6	2.3	—	—	—	0.1	2.3	—	2.4
62.2	62.1	63.5	63.4	63.9	63.8	63.2	SE	1.8	SSE	2.9	SE	4.1	SE	3.6	SE	2.1	SSE	2.9	2.7	—	—	—	0.0	0.0	—	0.0
63.6	63.0	62.8	61.2	62.7	64.7	63.0	SSE	0.6	SSW	1.6	SSE	3.1	W	3.2	SE	3.2	N	3.9	2.3	—	—	—	—	13.1	5.4	18.5
65.8	65.1	66.7	63.4	60.7	58.7	63.4	NE	1.9	NE	1.9	NE	3.3	ENE	2.5	—	0.3	SE	2.9	2.4	2.2	—	—	—	—	2.4	4.6
58.7	61.6	64.9	63.6	63.4	64.3	62.8	NW	4.4	N	8.0	NNE	4.7	NE	4.7	NE	2.9	NE	1.5	4.0	0.4	11.9	1.8	—	—	—	14.1
63.9	63.3	63.4	60.7	59.6	60.0	61.8	NE	1.3	N	2.2	N	4.3	NNE	4.6	NNE	2.9	NNE	1.4	1.8	—	—	—	—	—	—	—
58.8	57.3	57.3	58.6	63.0	65.1	60.0	NNE	1.7	NW	1.4	N	3.5	N	8.8	N	8.3	N	3.5	4.6	—	—	—	—	0.0	—	0.0
64.6	63.5	64.0	65.0	65.2	66.9	64.9	SE	1.6	SSE	2.9	SSW	6.4	NW	6.9	N	2.3	SE	0.8	3.6	—	—	—	—	—	—	—
68.0	68.7	70.2	70.4	69.3	70.2	69.5	NNW	3.5	NW	3.5	NW	4.7	NW	4.3	N	1.8	ENE	0.6	2.9	—	—	—	—	—	—	—
70.1	69.3	69.6	68.9	68.7	69.4	69.3	ENE	1.1	SE	1.7	S	3.5	SW	4.9	W	5.4	SW	1.1	2.8	—	—	—	—	—	—	—
66.6	66.6	67.4	66.3	66.2	66.9	66.7		2.5		2.7		4.0		4.4		3.0		2.2	3.0	2.8	12.4	3.7	0.2	15.4	8.5	43.0

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	99.9	0.7	2.1	2.0	1.2	1.1	2.9	99.0	3.9	92	94	90	66	56	53	75	10 sc	10 n, sc	10 sc	10 sc, s k	10 sk	10.0	0.00	0.7
0.5	0.1	0.2	2.0	1.8	0.7	0.9	2.2	98.5	3.7	62	75	96	73	88	96	82	10 sk	10 n	10 sk	10 sc	10 sc	10.0	8.10	0.7
99.6	97.6	1.6	4.3	1.8	98.4	0.6	4.6	96.7	7.9	98	60	38	38	37	25	49	0 c	3 c	4 c, cs	3 cs	0 —	2.0	9.85	2.9
97.2	94.0	96.1	1.6	98.1	97.2	97.4	2.1	93.0	9.1	39	35	39	31	38	35	36	10 c, cs	10 cs, c	10 c. cs	3 c	0 —	6.6	8.25	1.7
95.2	91.4	96.7	97.7	94.3	92.8	94.7	98.1	90.5	7.6	64	48	32	20	34	37	39	0 c	10 c, cs	10 c	0 —	0 —	4.0	10.00	1.8
91.1	90.0	94.9	0.6	98.6	95.4	95.1	1.5	89.3	12.2	35	44	38	22	41	66	41	0 —	10 cs	10 c	3 c	0 —	4.6	8.55	1.2
93.4	92.7	2.5	3.9	99.3	97.8	98.3	4.5	91.9	12.6	81	90	45	55	48	70	65	0 —	0 —	0 —	0 c	0 —	0.0	10.20	1.7
97.8	96.8	2.9	4.0	0.8	98.7	0.2	4.7	95.7	9.0	80	92	53	47	66	95	72	0 —	0 —	0 —	0 —	0 —	0.0	10.45	1.6
96.9	95.7	1.4	7.3	4.8	99.6	1.0	8.0	94.9	13.1	93	94	54	34	40	46	60	0 —	0 —	0 —	0 —	0 —	0.0	10.55	2.1
99.4	96.7	6.0	9.5	4.9	1.4	3.0	10.4	96.7	13.7	66	76	41	33	41	54	52	0 —	0 —	0 —	0 —	0 —	0.0	10.70	2.3
98.1	96.8	7.2	10.4	4.2	0.8	2.9	10.9	95.6	15.3	70	84	42	31	57	76	60	0 —	10 c, cs	10 c	10 cs	10 c, cs	8.0	9.80	2.1
99.7	98.6	5.3	6.4	4.7	1.4	2.7	6.9	97.8	9.1	81	85	47	45	58	70	64	10 c, cs	10 cs	10 sc	10 sk	10 c, cs	10.0	2.05	1.2
99.4	99.3	3.5	7.9	3.0	1.0	2.4	8.3	98.0	10.3	85	76	56	46	57	84	67	10 sk	10 sc	10 sc	9 ck, cs	10 kc, c	9.8	6.95	1.5
0.0	98.8	4.7	5.1	3.0	2.1	2.3	5.8	97.4	8.4	86	95	57	65	91	94	81	0 —	10 c	10 sk	10 n, sk	10 n	8.0	5.10	1.6
1.4	1.2	8.2	11.9	8.6	4.8	6.0	12.3	99.2	13.1	80	76	53	36	48	57	58	3 ck	0 —	4 k	0 —	0 —	1.4	10.85	2.6
0.6	99.9	8.0	12.0	4.9	3.0	4.7	12.5	97.9	14.6	89	89	51	30	62	50	62	0 —	0 —	0 —	1 c	0 —	0.2	10.87	3.4
3.7	97.5	0.4	4.3	1.4	0.2	1.3	6.4	96.8	9.6	55	65	37	34	46	55	49	10 sk	0 —	0 —	0 —	0 —	2.0	10.10	2.8
1.0	2.0	5.7	8.3	5.3	0.1	3.7	9.1	98.1	11.0	71	77	61	48	45	54	59	10 kc, sc	10 sc	0 —	1 ck	0 —	4.2	6.62	2.7
97.4	97.4	6.9	9.3	5.9	0.5	2.9	9.8	96.2	13.6	75	69	33	34	43	61	53	0 —	0 —	2 c	0 c	0 —	0.4	11.10	2.8
98.8	96.7	6.9	9.2	7.8	2.9	3.7	9.9	95.6	14.3	62	76	39	36	52	69	56	0 —	10 c, cs	10 c, cs	10 sc	0 —	6.0	10.55	2.5
99.8	98.4	11.2	11.3	8.0	3.8	5.4	12.4	97.5	14.9	66	83	41	40	67	86	64	0 —	0 —	0 —	4 c	0 —	0.8	10.40	2.8
2.1	1.6	10.8	10.3	9.2	7.9	7.0	11.5	0.4	11.1	90	88	57	73	79	81	78	10 c, cs	10 sc	9 kc	10 sk	0 —	7.8	4.05	1.8
7.2	4.9	11.9	12.3	10.8	7.9	9.2	14.9	4.0	10.9	70	79	61	64	74	84	72	4 kc	10 cs, k	10 n	10 sk	0 —	6.8	5.98	2.3
4.6	3.0	13.5	14.7	8.4	6.0	8.4	18.0	1.8	16.2	96	100	63	64	98	97	86	0 —	10 cs	10 sk	10 n	10 n	8.0	6.10	1.9
5.8	2.3	9.1	12.9	12.7	10.7	8.9	14.0	1.1	12.9	90	96	41	41	59	88	69	0 c	10 c, cs	10 cs, sc	10 sk	10 km	8.0	5.90	3.2
6.9	7.5	6.0	8.4	7.0	2.1	6.3	11.0	1.0	10.0	94	100	64	47	56	84	74	10 n, kn	10 sk, n	5 c, k	0 —	0 —	5.0	4.90	2.1
1.0	0.4	6.8	13.0	10.4	7.0	6.4	13.9	99.5	14.4	70	75	71	43	63	75	66	5 c, cs	10 c. cs	10 c, cs	5 c	7 cs, c	7.4	10.25	2.5
5.8	4.7	8.6	6.7	0.7	98.9	4.2	10.7	98.1	12.6	84	86	66	53	75	80	74	10 kc	0 —	10 sk, kn	10 kn	0 —	6.0	3.55	1.8
97.6	97.4	3.1	4.5	3.2	99.9	1.0	5.9	96.5	9.4	91	89	77	52	52	77	73	0 k	10 sk, kn	7 k, c	0 —	0 —	3.4	7.40	2.8
0.8	0.6	3.5	4.7	3.3	99.0	2.0	5.4	98.5	6.9	69	45	43	33	45	71	51	10 c, cs	0 —	0 k	0 —	0 —	2.0	11.40	2.8
98.0	97.8	4.7	5.5	4.2	0.6	1.8	6.2	96.6	9.6	89	38	47	47	51	88	60	3 c	10 c	10 sc	10 cs	0 —	6.6	9.50	2.4
0.0	98.8	4.8	7.2	4.3	1.4	2.7	8.2	97.2	11.0	77	77	53	45	57	70	63	4.0	6.2	6.2	4.8	2.8	4.8	250.07	66.3

* 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

昭和五年三月　　MUKDEN.　　MARCH, 1930.

氣壓 (粍) AIR PRESSURE. (mm) (700 mm +)

Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	63.2	65.1	66.3	64.8	64.9	64.4	64.8
2	63.0	62.2	62.3	60.4	60.8	61.0	61.6
3	61.1	62.2	64.3	64.1	65.8	67.9	64.2
4	69.0	69.2	69.5	68.8	69.0	70.8	69.4
5	71.8	73.3	74.3	73.9	73.8	74.7	73.6
6	74.8	74.4	74.3	72.8	72.5	73.0	73.6
7	72.6	72.9	73.0	71.2	70.6	70.8	71.9
8	70.0	69.0	69.1	67.2	67.2	68.1	68.4
9	68.5	69.5	71.0	70.1	69.8	70.2	69.9
10	70.2	70.9	71.8	70.4	70.2	70.3	70.6
11	69.9	69.3	68.5	66.2	65.7	65.9	67.6
12	64.7	63.5	62.8	60.0	58.3	56.2	60.9
13	53.0	50.9	49.7	47.5	47.7	48.1	49.5
14	48.0	47.9	49.4	49.8	51.0	52.1	49.7
15	52.3	53.3	54.6	54.3	55.0	55.5	54.3
16	57.6	58.8	59.4	57.5	56.0	55.4	57.5
17	55.7	60.1	62.9	60.2	58.9	59.1	59.5
18	56.5	54.9	57.6	58.3	59.1	60.1	57.8
19	60.3	60.3	61.7	61.3	62.5	63.5	61.6
20	63.9	64.3	64.5	63.1	63.2	63.5	63.8
21	63.5	63.6	63.1	61.1	60.6	61.4	62.2
22	61.3	61.2	61.2	59.7	58.9	59.3	60.3
23	59.0	58.9	59.9	59.9	60.7	60.6	59.8
24	59.9	59.6	58.9	57.3	58.1	59.9	59.0
25	61.3	61.6	62.8	60.1	56.2	55.3	59.6
26	55.0	58.2	60.1	59.8	59.7	60.5	58.9
27	59.7	59.7	59.7	57.1	55.8	56.2	58.0
28	54.9	53.1	52.2	52.7	57.4	59.7	55.0
29	59.5	59.3	60.0	60.1	60.4	62.0	60.2
30	62.7	63.5	65.2	64.6	64.7	65.4	64.4
31	64.9	64.6	65.1	63.8	63.7	64.8	64.5
平均 Mean	62.2	62.4	63.1	61.9	61.9	62.5	62.3

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 24 h.
1	W	4.3	N	0.8	NE	5.8	NNE	5.3	N	5.7	NNE	5.2	4.8
2	NNE	3.6	NE	2.7	E	3.0	NE	2.9	N	2.8	NW	1.9	3.2
3	NNW	3.6	N	5.7	N	7.6	N	8.2	NNW	6.2	N	5.5	5.6
4	N	8.4	N	5.0	NNE	5.5	NNE	5.0	NNE	4.2	NE	2.6	5.2
5	NNE	7.2	NNE	7.6	NNE	7.2	N	6.4	NNE	5.8	NNE	4.8	5.8
6	NNE	3.0	NNE	3.9	ENE	3.7	N	1.7	NNE	0.8	SE	1.1	2.8
7	ESE	1.9	ESE	3.5	S	3.3	SW	6.6	WSW	4.6	SSW	4.6	3.3
8	SSW	4.6	SSE	3.2	SW	7.6	SW	9.1	SW	5.6	SW	4.0	5.3
9	SW	2.2	NNE	0.9	NNE	4.3	N	5.4	NNW	2.3	W	1.3	2.8
10	E	1.3	ESE	2.2	ENE	3.7	N	1.3	NE	2.6	ESE	2.6	2.3
11	E	2.9	ESE	4.1	SE	2.9	SW	3.2	SSW	5.1	S	3.0	3.2
12	S	3.0	ESE	2.5	SSW	2.3	SSW	0.8	—	0.0	NNE	3.4	1.8
13	NNE	4.3	NE	2.1	SE	1.0	WNW	1.9	S	3.6	W	2.0	2.3
14	N	1.8	NNW	3.4	NNW	4.0	N	2.8	N	2.9	NW	2.9	2.9
15	NW	4.3	NNW	3.4	NNW	5.0	N	6.5	E	1.7	SW	3.3	3.6
16	W	1.8	SSW	2.2	W	2.6	W	4.4	W	1.7	SSW	3.4	2.7
17	NNE	10.5	N	6.2	NNW	6.5	WNW	6.7	NNE	1.3	SSW	4.5	5.5
18	SW	3.8	SW	4.6	N	4.4	N	6.3	NNE	4.1	ENE	2.9	4.8
19	WNW	1.8	ENE	3.7	E	3.3	NE	1.9	NE	8.6	ENE	2.7	2.7
20	E	2.0	E	2.0	ESE	4.1	SSE	2.0	SW	2.0	WSW	0.9	2.7
21	SE	2.6	ESE	3.7	SE	2.0	WSW	4.1	SW	2.2	SW	2.1	2.6
22	SE	2.2	E	2.6	E	2.5	SSW	4.6	SE	4.1	SE	2.5	3.2
23	E	3.3	E	2.3	SSW	4.4	S	4.6	SSE	3.6	ESE	1.9	3.6
24	E	2.7	ESE	3.4	S	7.3	S	9.3	S	7.1	WNW	3.3	5.4
25	WNW	0.7	W	1.3	W	1.7	SSE	2.8	ESE	3.0	WSW	3.4	2.6
26	NW	3.9	N	4.6	NNE	4.6	NE	4.3	NE	3.5	ENE	3.2	3.8
27	E	4.0	ESE	3.4	ESE	2.3	NE	2.6	NE	2.8	NE	2.5	3.0
28	ENE	2.8	ENE	2.2	NE	7.6	N	9.7	N	9.4	N	3.0	5.6
29	SSW	2.6	SSW	3.2	NE	1.2	NNE	5.3	WNW	2.6	W	2.0	2.8
30	W	4.6	W	2.5	NW	6.0	NW	6.4	WNW	2.9	S	3.9	3.8
31	SSW	4.2	SE	2.9	SW	7.5	SW	8.4	WSW	4.5	SW	3.1	5.2
平均 Mean		3.5		3.3		4.4		4.9		3.6		3.0	3.7

降水量 (粍) AMOUNT OF PRECIPITATION. (mm)

Day	22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	總計 Tot
1	—	—	—	—	—	—	
2	—	—	0.3	0.3	0.3	0.0	0.
3	—	—	—	—	—	—	
4	—	—	—	—	—	—	
5	—	—	—	—	—	—	
6	—	—	—	—	—	—	
7	—	—	—	—	—	—	
8	—	—	—	—	—	—	
9	—	—	—	—	—	—	
10	—	—	—	—	—	—	
11	—	—	—	—	—	—	
12	—	—	—	—	—	—	
13	—	—	—	—	—	0.0	0.
14	—	—	0.0	0.1	0.5	0.4	1
15	—	—	—	—	—	—	
16	—	—	—	—	—	—	
17	—	1.3	0.3	—	—	—	1
18	—	—	—	—	—	—	
19	—	—	—	—	—	—	
20	—	—	—	—	—	—	
21	—	—	—	—	—	—	
22	—	—	—	—	—	0.4	0.
23	—	—	—	—	0.5	—	0.
24	—	—	—	—	4.9	11.8	16
25	0.9	—	—	—	—	—	0.
26	2.1	3.2	—	—	—	—	5
27	—	—	—	—	—	—	
28	—	—	—	—	0.0	0.1	0.
29	—	—	0.2	0.5	—	—	0.
30	—	—	—	—	—	—	
31	—	—	—	—	—	—	
平均 Mean	3.0	4.5	0.8	0.9	6.2	12.7	28.

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	0.6	99.6	1.1	4.4	3.0	1.2	1.7	5.2	99.1	6.1
2	0.8	1.2	1.1	1.6	1.3	0.4	1.1	1.8	0.3	1.5
3	99.0	96.1	98.4	4.7	1.7	97.5	99.6	4.8	95.6	9.2
4	94.2	92.2	96.3	0.6	99.0	95.8	96.4	0.9	91.6	9.3
5	92.8	89.8	93.3	95.2	94.0	91.5	92.8	96.1	89.6	6.5
6	89.7	89.1	95.7	0.1	99.1	95.8	94.9	0.4	88.5	11.9
7	93.3	91.7	2.5	7.2	1.6	96.9	98.9	7.3	91.7	15.6
8	95.3	94.8	4.1	7.6	2.5	98.0	0.4	7.8	94.7	13.1
9	95.2	94.3	2.4	6.1	3.8	96.2	99.7	6.9	93.4	13.5
10	95.1	94.3	5.0	9.3	5.7	99.4	1.5	9.8	93.8	16.0
11	98.3	96.6	8.2	12.0	6.1	0.1	3.6	12.8	96.3	16.5
12	98.9	98.3	7.8	10.3	7.0	4.8	4.5	10.8	97.4	13.4
13	2.3	0.2	5.2	8.8	5.4	4.2	4.4	9.7	0.2	9.5
14	2.2	0.5	1.4	2.6	2.4	2.1	1.9	4.4	0.4	4.0
15	1.1	0.6	4.8	10.0	7.3	0.4	4.0	10.4	0.4	10.0
16	98.0	96.3	7.3	12.5	8.7	0.6	3.9	13.3	96.1	17.2
17	1.0	96.4	98.1	2.5	0.6	99.6	99.7	3.7	95.9	7.8
18	99.1	0.2	2.4	4.9	2.0	99.2	1.3	5.3	98.0	7.3
19	96.7	95.0	5.0	6.8	4.0	0.1	1.3	8.0	94.5	13.5
20	96.4	96.7	6.2	10.3	6.3	2.4	3.1	12.2	96.2	16.0
21	98.7	98.2	9.6	13.9	10.8	2.9	5.7	14.9	97.3	17.6
22	0.6	1.1	9.2	14.8	10.0	7.5	7.2	15.6	0.4	15.2
23	6.4	5.3	13.3	11.6	8.5	7.7	8.8	14.3	4.8	9.5
24	5.6	5.1	15.1	15.8	10.3	6.2	9.7	18.1	5.1	13.0
25	4.5	1.1	7.5	11.6	10.1	10.0	7.5	12.2	0.5	11.7
26	7.1	5.6	5.7	8.5	7.0	4.2	6.4	10.3	4.2	6.1
27	1.2	0.2	8.5	13.5	10.9	7.1	6.9	14.2	0.2	14.0
28	5.6	4.2	5.6	6.5	98.8	97.8	3.1	8.7	97.8	10.9
29	96.4	96.5	99.6	1.7	1.4	99.2	99.1	1.8	95.7	6.1
30	98.1	95.7	1.0	2.7	1.6	97.8	99.5	3.9	95.5	8.4
31	96.4	96.4	4.0	6.8	3.5	99.2	1.1	7.3	95.6	11.7
平均 Mean	99.1	97.8	4.0	7.3	4.3	0.8	2.2	8.2	97.1	11.0

濕度 (百分率) REL. HUMIDITY. (%)

Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	88	91	51	44	46	57	63
2	62	62	96	94	94	94	84
3	88	72	53	35	45	40	56
4	43	53	53	34	34	48	44
5	53	50	39	29	26	36	39
6	51	55	42	24	36	55	44
7	81	93	51	40	63	85	69
8	88	97	57	45	66	93	74
9	100	100	59	31	32	68	65
10	94	94	39	28	30	59	57
11	68	80	40	29	43	77	56
12	82	91	37	36	46	44	56
13	47	68	62	54	62	72	61
14	82	92	78	87	92	96	88
15	85	74	58	40	58	77	65
16	78	85	36	26	38	88	59
17	61	100	48	49	50	68	63
18	73	88	76	41	38	40	59
19	67	72	32	29	34	44	46
20	68	66	35	25	51	69	52
21	88	91	42	35	51	85	65
22	92	88	61	41	64	85	72
23	90	90	49	60	82	86	76
24	86	88	55	55	93	95	79
25	90	100	44	47	62	72	69
26	97	84	56	45	49	54	64
27	79	81	56	31	55	68	62
28	66	72	65	48	76	87	69
29	95	92	77	60	42	68	72
30	77	78	35	34	38	73	56
31	80	77	51	46	49	91	66
平均 Mean	77	81	53	43	53	70	63

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

Day	6h	10h	14h	18h	22h	平均 Mean.
1	2 s	8 cs, s	10 c, ck	10 sk, kc	10 s	8.0
2	10 s	10 n	10 n	10 n	2 s	8.4
3	10 cs, s	8 c, cs	0 —	10 cs, s	0 —	5.6
4	3 sk	9 c	6 c	0 —	0 —	3.6
5	0 sk	0 —	8 cs, c	0 —	0 —	1.6
6	4 cs, ck	8 c	10 c, s	10 c, s	0 —	6.4
7	1 c	0 —	0 —	0 sk	0 —	0.2
8	0 s	0 —	0 sk	0 —	0 —	0.0
9	0 —	0 —	0 —	0 —	0 —	0.0
10	0 —	0 —	0 —	0 —	0 —	0.0
11	3 c	10 cs	10 cs	10 cs, s	10 cs	8.6
12	10 s, cs	10 cs	10 sc	10 s, sc	10 cs	10.0
13	10 cs,ck,s	10 cs, s	10 cs, s	10 sc, n	10 s	10.0
14	10 s, sc	10 n	10 n	10 n	10 cs, n	10.0
15	9 kc	0 s	9 sk,ck,c	2 ck, s	0 —	4.0
16	0 —	0 —	0 —	0 s	3 cs	0.6
17	10 n	0 —	0 s	10 sc, s	10 s	6.0
18	10 s, sc	9 sk	1 c	0 c	0 —	4.0
19	0 c	0 —	0 s	0 —	0 —	0.0
20	6 cs	10 c, sc	10 sc, sk	10 sc, s	0 —	7.2
21	0 —	0 —	0 cs	0 s	0 —	0.0
22	3 cs	10 sc	0 s, c	10 sc, s	5 s	5.6
23	9 s, c	2 sk, c	10 s, sk	10 n, s	4 s	7.0
24	0 s	2 c	10 s	10 n	10 n	6.4
25	3 ck, s	10 cs	1 cs	10 s, cs	10 sc, s	6.8
26	10 n, s	10 sc, s	8 cs, c	0 sk	0 —	5.6
27	10 cs	10 cs	10 cs	4 c	6 c, cs	8.0
28	10 s	10 s, cs	10 kc,s,c	10 n	0 —	8.0
29	10 sk, s	10 n, s	8 s	8 sk, s	3 s	7.8
30	0 —	0 k	8 s, c	0 —	0 —	1.6
31	0 —	2 cs	10 sk, cs	10 cs	0 —	4.4
平均 Mean.	4.9	5.4	5.8	5.6	3.3	5.0

日照時數 NO. OF HOURS WITH SUNSHINE. 241.87

蒸發量 (粍) AMOUNT OF EVAPORATION (mm) 81

※ 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
CHANGCHUN.

昭和五年三月　　MARCH. 1930.

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
44.8	47.4	50.4	50.2	51.1	51.4	49.2	W	6.1	WNW	3.4	NNW	5.6	N	3.1	N	2.9	E	3.7	4.0	—	—	—	—	—	—	—
50.4	49.0	47.3	45.7	45.5	46.0	47.3	ENE	3.2	ENE	8.2	ENE	8.2	ENE	6.4	ENE	3.9	NNE	4.7	5.0	—	—	—	—	—	—	—
46.1	46.6	48.0	47.2	48.3	49.6	47.6	N	4.2	N	1.5	NW	7.6	NW	11.1	NNW	6.4	SW	5.3	5.9	—	—	—	—	—	—	—
50.9	52.2	53.2	52.0	53.5	54.0	52.6	NW	1.9	NW	2.6	NNW	5.8	N	4.3	WNW	2.1	NNW	2.9	3.1	—	—	—	—	—	—	—
54.9	55.8	57.3	57.1	57.2	58.4	56.8	NNW	0.9	NNW	1.1	NW	6.4	N	6.4	N	2.3	N	1.2	2.9	—	—	—	—	—	—	—
59.0	58.9	59.2	57.2	56.8	57.0	58.0	—	0.0	NNE	0.6	ESE	4.1	ENE	2.9	E	3.5	E	3.9	2.8	—	—	—	—	—	—	—
57.0	57.1	56.2	53.8	53.3	53.0	55.1	E	4.2	E	3.9	S	4.1	SW	2.6	SW	1.6	SW	6.1	4.1	—	—	—	—	—	—	—
52.8	51.8	50.7	48.6	48.9	50.1	50.5	SSW	5.6	S	4.1	SW	13.8	SW	11.7	SW	5.3	—	0.4	6.0	—	—	—	—	—	—	—
51.6	52.8	53.9	53.6	52.7	53.6	53.0	NW	2.1	—	0.2	WNW	2.7	NW	4.7	NNW	1.8	N	3.5	2.6	—	—	—	—	—	—	—
54.1	55.1	56.0	54.5	55.0	54.7	54.9	N	2.3	NE	1.1	ENE	3.5	ENE	2.3	—	0.4	ESE	1.5	2.6	—	—	—	—	—	—	—
54.2	52.9	52.1	49.2	48.3	48.6	50.9	S	0.6	S	5.3	S	7.0	SSW	6.4	S	5.8	S	5.0	4.8	—	—	—	—	—	—	—
48.3	47.6	47.1	44.0	43.2	42.2	45.4	S	1.0	S	0.9	S	5.1	SE	2.3	ESE	4.1	E	4.7	3.1	—	—	—	—	—	—	—
39.6	37.9	36.1	33.9	33.6	34.0	35.9	NE	5.0	ENE	3.7	ESE	7.6	E	14.6	E	8.8	E	3.5	6.7	—	—	—	0.0	—	—	0.0
33.1	32.3	32.9	33.5	34.0	35.1	33.5	E	4.1	ENE	3.5	ENE	4.1	N	3.5	N	5.8	N	2.1	3.1	—	0.3	0.2	—	—	—	0.5
35.6	35.2	36.7	36.4	37.2	38.2	36.6	NW	1.4	NW	2.9	N	3.5	N	11.1	NW	2.9	WSW	4.7	4.6	—	—	—	—	—	—	—
38.6	40.5	41.4	40.0	39.4	38.9	39.8	WSW	4.7	SW	7.6	WSW	5.3	W	5.8	WSW	4.1	NNE	5.6	5.1	—	—	—	—	—	—	—
39.9	41.6	42.6	40.7	40.8	39.4	40.8	N	11.8	N	12.3	NW	7.6	W	10.5	WSW	5.3	S	3.5	8.3	—	0.2	0.0	—	—	—	0.2
37.7	37.4	40.0	40.7	42.6	43.5	40.3	SW	5.8	WSW	3.5	NNW	8.8	NNW	8.2	N	4.7	—	0.0	5.8	—	—	—	—	—	—	—
43.5	44.2	45.5	45.2	46.4	47.9	45.5	NW	2.2	NNE	1.2	NW	2.3	NW	7.0	N	2.9	N	0.6	2.7	—	—	—	—	—	—	—
48.0	48.2	49.2	47.6	47.7	47.9	48.1	—	0.0	W	0.6	S	2.1	SW	2.7	—	0.0	E	1.3	0.9	—	—	—	—	—	—	—
47.5	47.0	46.4	44.4	44.3	44.4	45.7	E	0.5	SE	4.4	SSW	4.3	WSW	5.8	W	2.3	W	1.4	3.2	—	—	—	—	—	—	—
45.0	45.1	45.9	44.3	44.2	44.6	44.9	W	2.3	SSW	0.6	E	2.1	ENE	2.9	NE	1.6	ENE	1.5	1.5	—	—	—	—	—	—	—
45.1	44.7	45.6	44.3	45.1	45.8	45.1	SW	1.6	ESE	1.4	SE	7.6	SSE	6.4	SSE	1.1	—	0.0	2.8	—	0.0	—	—	—	—	0.0
45.7	45.4	44.4	41.7	42.2	42.1	43.6	—	0.0	SSE	3.9	SSE	8.2	SSE	1.6	SSE	2.9	SW	3.1	2.8	—	—	—	—	—	5.0	5.0
43.1	44.0	45.0	44.0	42.1	39.1	42.9	W	0.5	—	0.0	W	8.2	W	7.0	S	5.3	SE	2.3	3.8	2.5	—	—	—	—	—	2.5
38.4	39.4	42.1	42.7	43.0	44.7	41.7	SSW	4.7	W	4.1	W	13.4	W	1.8	W	3.5	W	1.6	3.9	—	6.1	—	—	—	—	6.1
44.1	43.7	44.1	42.2	41.3	41.9	42.9	W	1.8	S	3.1	—	0.0	S	4.7	SSE	2.0	SSE	0.7	2.2	—	—	—	—	—	—	—
40.8	39.7	38.4	36.4	37.7	40.5	38.9	—	0.0	SSE	10.5	NNE	14.6	NNE	12.3	NNW	12.3	WNW	4.3	9.7	—	—	—	—	—	1.5	1.5
40.3	40.3	40.9	40.4	40.7	42.5	40.9	SW	6.8	WSW	7.0	W	9.6	W	12.8	W	7.0	WSW	0.9	7.3	0.2	—	—	—	—	—	0.2
42.8	43.0	45.1	45.2	45.7	46.9	44.8	—	0.1	—	0.0	W	6.4	W	6.4	—	0.0	—	0.0	2.0	—	—	—	—	—	—	—
46.7	46.6	47.0	45.5	45.6	47.7	46.5	—	0.0	—	0.4	W	3.7	W	5.9	N	4.7	NNE	2.3	3.0	—	—	—	—	—	—	—
45.8	45.9	46.5	45.2	45.4	45.9	45.8		2.8		3.3		6.2		6.3		3.8		2.7	4.1	2.7	6.6	0.2	0.0	—	6.5	16.0

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
95.7	94.2	98.1	0.4	97.1	95.0	96.8	1.0	92.8	8.2	63	60	57	36	31	40	48	10 sc	8 c	10 sk	10 s	10 s	9.6	0.00	2.0
95.0	95.6	98.0	2.4	99.6	95.1	97.6	2.5	90.0	12.5	49	49	45	27	33	56	43	10 s	10 s	10 s	10 s	10 s	10.0	2.30	1.7
91.7	89.9	96.8	3.0	98.8	94.0	95.7	3.0	89.4	13.6	64	67	54	32	47	70	56	10 s	0 —	0 —	10 sk	0 —	4.0	9.10	2.2
89.6	87.6	95.0	98.0	94.1	91.4	92.6	98.3	87.0	11.3	83	91	74	24	17	24	52	10 sc	0 sk	0 —	0 —	0 —	2.0	10.10	2.0
87.7	83.6	90.3	92.0	88.6	87.4	88.3	95.0	83.0	12.0	38	38	35	24	33	39	35	10 sc	0 —	0 —	0 —	0 —	2.0	10.60	1.7
84.6	83.5	95.6	98.6	95.7	91.0	91.5	98.8	83.0	15.8	53	63	33	20	23	26	36	0 —	0 —	0 —	0 —	0 —	0.0	10.00	2.0
89.5	88.4	1.5	7.2	1.4	99.5	97.9	7.7	87.3	20.4	43	50	38	21	20	36	35	0 —	0 —	0 —	0 —	0 —	0.0	9.90	2.6
96.3	93.6	4.4	8.6	2.9	98.4	0.7	8.7	93.0	15.7	58	76	54	41	52	57	56	0 —	0 —	0 —	0 —	0 —	0.0	5.00	2.8
93.5	90.4	0.5	4.3	0.6	96.2	97.6	4.6	89.8	14.8	67	82	45	34	28	35	49	0 —	0 —	0 —	0 —	0 —	0.0	10.60	2.5
97.0	90.6	0.8	4.2	0.6	95.7	98.2	5.0	89.8	15.2	50	65	35	18	22	28	36	0 —	0 —	0 —	0 —	0 —	0.0	10.70	2.5
94.0	94.2	5.6	12.8	8.0	1.0	2.6	13.0	90.8	22.2	33	39	23	16	25	36	29	0 —	0 —	0 —	0 —	0 —	0.0	10.50	3.9
98.7	97.6	8.6	13.2	6.6	2.9	4.6	13.8	94.8	19.0	49	58	40	24	26	35	39	0 —	0 —	0 —	6 sc	0 —	1.2	9.90	3.9
0.9	99.8	7.2	5.6	3.6	1.6	3.1	7.5	99.5	8.0	39	43	40	51	42	61	46	10 s	10 sc, s	10 s	10 s	10 s	10.0	0.00	1.7
1.4	0.0	1.7	4.8	4.6	0.6	2.2	5.1	99.2	5.9	68	96	86	67	58	62	73	10 n	10 s	10 s	10 s	10 s	10.0	0.00	1.8
2.5	97.6	3.6	9.2	4.7	2.6	3.4	10.1	97.1	13.0	65	69	64	32	26	31	48	10 sc	10 sk	10 sk	10 sk	10 sk	10.0	2.20	3.2
98.2	95.1	6.4	11.2	5.7	2.3	3.2	11.6	94.7	16.9	32	48	37	28	28	29	34	0 —	0 —	0 c	10 c	10 s	4.0	9.70	3.2
98.1	93.1	96.6	99.3	95.7	92.5	95.9	2.4	92.3	10.1	34	97	43	18	38	42	45	10 n	4 sk	2 sk, s	0 —	0 —	3.2	8.60	2.8
94.9	95.0	98.3	99.6	96.6	92.0	96.1	0.0	91.5	8.5	46	54	30	25	36	32	37	1 c, sk	0 c	0 —	4 c	0 —	1.0	11.00	2.7
89.7	89.0	98.7	1.9	98.7	94.8	95.5	3.0	87.8	15.2	33	41	24	24	33	45	33	0 —	0 —	0 sk	0 c	0 —	0.0	10.90	2.6
92.4	90.9	3.9	7.8	4.8	0.2	0.0	9.2	90.6	18.6	56	56	36	30	37	46	44	0 c	2 c	10 c	6 c	0 —	3.6	9.80	3.6
97.6	96.3	9.9	13.0	8.4	3.6	4.8	13.9	95.6	18.3	54	65	34	28	25	35	40	0 sk	0 —	0 —	0 —	0 —	0.0	10.70	3.3
99.6	97.4	9.6	13.7	8.7	3.7	5.5	14.2	96.2	18.0	54	65	36	28	31	38	42	0 —	8 cs	0 —	0 —	0 —	1.6	12.40	3.4
3.6	2.4	6.5	10.4	8.2	5.4	6.1	11.4	2.0	9.4	46	60	75	60	71	82	66	10 sk	10 kc, sc	10 kc	10 sk	10 sk	10.0	0.00	2.0
5.3	5.3	13.4	16.0	13.5	8.6	10.4	16.3	4.8	11.5	86	88	53	45	59	100	72	10 sc	4 c	10 sk	10 s	10 n	8.8	8.40	2.0
2.9	0.1	5.2	9.4	6.9	5.4	5.0	10.2	99.5	10.7	99	89	51	31	45	63	63	0 —	9 c, cs	10 c	10 c	10 c	7.8	9.70	2.3
6.7	3.4	4.1	7.6	4.6	0.1	4.4	8.2	99.9	8.3	68	93	52	30	30	41	52	10 sk	10 sc, c	0 —	0 —	0 —	4.0	9.90	4.0
97.1	97.1	8.7	13.2	8.8	4.0	4.8	13.7	96.8	16.9	64	64	35	20	24	37	41	0 —	0 —	0 —	0 c	10 sc	2.0	11.05	4.1
1.8	0.6	2.4	4.5	99.0	95.3	0.6	5.0	95.2	9.8	45	56	39	37	42	97	53	10 s	10 cs	10 kc	10 sc	10 n	10.0	6.20	3.3
92.2	90.4	98.7	1.0	98.5	95.4	96.0	1.4	90.3	11.1	92	89	51	24	29	37	54	0 sk	3 c, s	10 s	0 sk	0 —	2.6	11.40	3.1
93.1	91.8	99.4	1.1	99.0	96.2	96.8	2.3	91.6	10.7	52	67	46	31	30	46	45	0 sk	0 s	4 sk	5 sk	0 —	1.8	10.80	2.8
93.7	93.8	4.3	6.7	3.5	97.2	99.9	7.7	93.3	14.4	60	70	33	24	28	46	44	0 —	0 —	10 s	10 sc	0 —	4.0	9.70	3.8
96.3	94.5	2.4	5.8	2.2	98.4	99.9	6.6	93.2	13.4	56	66	45	31	34	47	47	4.2	3.5	4.1	4.5	3.5	4.0	249.15	85.5

※ 重力ノ更正　Reduction to standard gravity ············ — 0.1
海面ヘノ更正　Reduction to mean sea level ············ + 20.4

旅順

昭和五年三月 **RYOJUN.** MARCH, 1930.

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 Tc
1	60.5	61.0	61.0	60.8	SE	1.1	SE	1.9	NE	3.1	2.3	0.0	0.2	0.0	
2	58.8	57.1	57.3	57.7	ENE	1.1	NE	1.5	E	4.4	2.9	1.6	0.7	0.1	
3	58.3	60.4	63.6	60.8	N	2.1	NNE	6.0	NE	4.9	4.8	0.1	—	—	
4	64.2	65.4	65.9	65.2	ENE	9.8	NE	3.7	NE	2.4	5.3	—	—	—	
5	67.1	68.6	69.1	68.3	E	4.3	E	4.3	NE	5.0	5.2	—	—	—	
6	69.3	69.6	70.3	69.7	ENE	5.6	NE	1.9	ENE	2.9	3.8	—	—	—	
7	70.2	69.8	69.2	69.7	NE	4.7	S	3.7	—	0.3	2.4	—	—	—	
8	67.3	66.6	66.3	66.7	—	0.1	WNW	3.9	SW	1.5	2.7	—	—	—	
9	66.5	67.6	68.0	67.4	NW	6.0	NNE	4.2	NE	1.4	3.8	—	—	—	
10	68.1	68.7	68.0	68.3	NNE	3.5	NNW	4.7	NNE	1.3	3.4	—	—	—	
11	66.3	65.1	64.1	65.2	ENE	2.5	S	5.4	SE	4.4	3.1	—	—	—	
12	60.2	57.2	53.5	57.0	ESE	3.0	SE	2.9	E	1.8	2.7	—	0.2	0.0	
13	49.9	47.5	46.9	48.1	N	4.7	W	6.6	WNW	4.4	4.8	—	—	—	
14	44.9	46.5	51.6	47.7	NW	2.2	NE	8.3	NW	6.4	3.7	—	—	—	
15	52.7	54.2	56.6	54.5	NW	6.5	NW	8.8	NNE	0.9	5.7	—	—	—	
16	57.2	57.6	53.7	56.2	NW	1.8	W	6.2	SSE	4.5	4.8	—	—	—	
17	56.0	60.3	58.7	58.3	NE	7.0	NNE	10.2	WSW	3.9	6.7	—	—	—	
18	55.4	55.1	56.7	55.7	WNW	12.1	WNW	11.0	SE	2.2	7.6	—	—	—	
19	55.8	58.0	59.5	57.8	SE	4.2	SE	8.0	SE	3.0	5.4	—	—	—	
20	59.6	60.6	60.9	60.4	ESE	2.7	SE	9.3	SE	6.1	6.1	—	—	—	
21	60.2	59.5	59.0	59.6	SE	2.3	S	2.9	SSE	2.6	2.8	—	—	—	
22	58.4	57.1	55.4	57.0	S	2.3	SSE	4.6	SE	3.5	4.0	—	—	0.2	
23	54.2	55.1	55.6	55.0	SE	7.0	SE	1.8	SE	4.1	6.6	0.3	—	—	
24	55.6	55.0	56.3	55.6	SE	1.4	SE	7.6	SSE	4.3	4.0	—	—	4.9	
25	57.8	57.5	53.3	56.2	ESE	0.8	SE	4.6	SSE	4.6	3.7	—	—	—	
26	53.5	55.5	56.1	55.0	NW	9.1	NE	5.4	NNE	3.3	5.0	—	8.0	4.3	
27	55.4	54.1	53.4	54.3	NNE	3.7	N	5.0	NW	2.9	2.6	—	—	—	
28	51.5	51.3	58.1	53.6	NW	3.3	WNW	11.3	NNE	4.3	5.9	—	—	—	
29	59.4	58.8	59.4	59.2	SSW	4.7	WNW	11.5	SE	1.9	5.6	—	—	—	
30	60.6	62.4	63.9	62.3	E	3.4	E	5.1	—	0.4	3.8	—	0.0	—	
31	62.4	62.3	62.7	62.5	ESE	2.1	SSE	5.8	SE	1.6	3.3	—	—	—	
平均 Mean	59.3	59.5	59.8	59.5		4.0		5.6		3.2	4.3	2.0	9.1	9.5	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)
1	99.8	3.5	1.2	1.5	3.5	97.0	6.5	100	82	92	91	10 n	10 sk	10 sc	10.0	0.00	
2	0.4	0.8	1.0	0.7	2.1	99.0	3.1	100	100	100	100	10 n	10 s	10 n	10.0	0.00	
3	99.7	3.1	99.5	0.8	3.3	98.7	4.6	77	70	53	67	10 sk, kc	10 cs, sc	0 —	6.7	8.36	
4	97.0	0.3	98.2	98.5	1.2	95.8	5.4	43	49	57	50	10 sc	10 cs	0 —	6.7	8.94	
5	98.0	99.8	96.0	97.9	0.5	95.1	5.4	45	41	43	43	7 sk	10 cs, sc	10 sc, cs	9.0	5.14	
6	93.8	2.7	96.5	97.7	2.9	92.9	10.0	48	35	65	49	4 cs	0 —	0 —	1.3	10.28	
7	96.5	3.8	98.2	99.5	5.9	95.0	10.9	81	56	68	68	0 —	0 sk	0 —	0.0	9.90	
8	98.2	6.9	0.3	1.8	7.6	96.9	10.7	66	45	85	65	0 —	0 —	0 —	0.0	10.28	
9	2.8	6.0	2.0	3.6	6.3	99.0	7.3	69	44	50	54	0 —	0 —	0 —	0.0	10.56	
10	2.1	9.3	3.2	4.9	11.1	99.2	11.9	31	47	49	42	0 —	0 —	6 c, cs	2.0	10.85	
11	3.0	7.3	2.8	4.4	8.2	99.7	8.5	50	55	92	66	4 c	4 c, cs	10 cs	6.0	9.55	
12	3.2	5.2	2.8	3.7	5.7	1.7	4.0	100	98	89	96	10 s	10 n	10 cs, sk	10.0	0.00	
13	0.6	6.2	4.0	3.6	6.8	99.3	7.5	96	63	54	71	10 s	10 cs	6 c	8.7	8.80	
14	5.5	8.4	2.2	5.4	10.4	1.1	9.3	68	41	74	61	0 sk	10 cs, c	0 kc	3.3	9.40	
15	3.4	10.5	3.2	5.7	11.2	1.3	9.9	69	43	75	62	0 —	1 c	0 —	0.3	10.40	
16	2.4	11.8	9.8	8.0	13.2	0.7	12.5	77	34	41	51	0 —	1 c	0 —	0.3	10.45	
17	0.0	2.0	99.8	0.6	12.5	98.5	14.0	83	39	59	60	10 s	0 —	3 cs, c	4.3	10.65	
18	2.8	7.5	7.0	5.8	11.2	99.0	12.2	66	55	49	57	0 —	0 —	0 —	0.0	10.90	
19	4.2	6.8	3.4	4.8	7.9	2.3	5.6	46	35	53	46	0 —	10 cs	0 —	3.3	10.93	
20	2.4	7.1	3.7	4.4	8.0	1.3	6.7	76	53	75	68	0 —	4 cs	7 cs	3.7	10.70	
21	3.6	8.7	3.8	5.4	13.3	2.0	11.3	93	72	95	87	0 —	0 —	0 —	0.0	10.70	
22	2.2	8.2	7.3	5.9	11.0	1.0	10.0	98	70	68	79	0 —	10 sk	3 sk	4.3	3.77	
23	6.4	7.3	6.3	6.7	10.8	5.0	5.8	87	88	100	92	10 sk	10 s	10 s	10.0	3.93	
24	5.4	11.1	6.2	7.6	12.7	4.0	8.7	98	67	100	88	8 s	10 sc	3 s	7.0	5.50	
25	5.4	8.4	6.5	6.8	11.5	3.3	8.2	100	94	100	98	0 —	10 s	10 s	6.7	5.40	
26	8.2	3.8	5.4	5.8	10.0	2.4	7.6	100	98	98	99	10 s	10 n	10 s	10.0	0.00	
27	4.6	11.2	6.0	7.3	12.5	2.1	10.4	78	66	84	76	9 k, sk	4 cs	6 sc	6.3	10.26	
28	5.0	9.7	0.6	5.1	12.0	99.5	12.5	67	62	72	67	10 sk	10 sk	0 sk	6.7	6.27	
29	0.4	5.9	1.7	2.7	7.0	97.8	9.2	64	69	59	64	0 sk	0 —	0 —	0.0	11.25	
30	2.6	5.7	99.8	2.7	6.8	98.5	8.3	66	28	40	45	10 sc	6 cs, kc	0 —	5.3	7.48	
31	99.5	5.8	0.8	2.0	6.7	98.3	8.4	59	48	70	59	2 c	10 ck, cs	0 —	4.0	7.90	
平均 Mean	1.9	6.3	2.0	3.6	8.2	99.6	8.6	74	60	71	68	4.6	5.8	3.7	4.7	238.55	2

* 重力ノ更正 Reduction to standard gravity ····· — 0.4
海面ヘノ更正 Reduction to mean sea level ····· + 7.5

鞍山

ANZAN.

昭和五年三月 MARCH, 1930.

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
64.7	64.7	64.3	64.6	NW	1.1	ENE	5.3	ENE	3.2	4.3	—	—	—	—
62.4	60.8	61.6	61.6	SSW	2.1	NE	2.3	NE	3.6	1.7	—	2.5	0.0	2.5
62.3	64.6	68.4	65.1	NNE	2.0	NNE	9.9	N	8.2	6.5	—	—	—	—
69.8	69.4	71.3	70.2	NNE	5.3	NNE	5.8	NNE	3.6	5.1	—	—	—	—
72.9	74.0	74.8	73.9	NNE	8.2	NNE	7.6	NNE	4.6	6.1	—	—	—	—
74.9	73.7	73.3	74.0	NE	1.3	NNE	3.5	ESE	1.4	2.4	—	—	—	—
73.4	72.4	72.1	72.6	SW	1.1	WSW	4.7	SW	2.4	2.1	—	—	—	—
70.2	68.1	68.8	69.0	SSW	2.4	WSW	6.8	W	2.6	3.8	—	—	—	—
70.0	71.4	70.7	70.7	WNW	0.5	NE	3.0	ESE	2.0	2.8	—	—	—	—
71.4	71.4	70.8	71.2	SW	1.8	E	4.6	—	0.0	2.0	—	—	—	—
69.6	67.3	66.8	67.9	SSW	1.2	SW	3.8	SSW	1.4	1.7	—	—	—	—
64.1	61.0	57.3	60.8	N	0.8	NW	2.3	ESE	0.7	0.8	—	—	—	—
52.0	49.0	49.2	50.1	—	0.0	W	3.8	WSW	2.3	2.0	—	—	—	—
48.8	50.1	53.1	50.7	SW	0.5	NE	3.3	NNE	3.6	2.5	—	—	1.5	1.5
54.4	55.3	57.3	55.7	NNW	1.1	NNE	7.5	S	2.3	3.6	0.3	—	—	0.3
59.4	58.4	56.2	58.0	SW	2.9	W	2.9	SSW	2.0	2.8	—	—	—	—
61.1	61.8	60.6	61.2	NNE	9.2	NNE	5.8	SW	2.5	6.3	0.5	0.2	—	0.7
55.8	58.7	60.7	58.4	WSW	8.1	NE	5.8	ESE	3.0	5.7	—	—	—	—
60.5	61.7	63.8	62.0	ESE	2.9	E	5.3	SE	2.8	3.0	—	—	—	—
64.2	63.9	64.5	64.2	ESE	2.4	W	2.6	SE	1.1	1.9	—	—	—	—
64.3	61.7	62.4	62.8	SW	1.4	W	3.6	SSW	2.0	1.7	—	—	—	—
61.8	60.8	59.9	60.8	SW	0.5	SW	2.7	—	0.0	1.8	—	—	0.0	0.0
59.0	60.0	60.1	59.7	S	0.6	SW	5.8	SSE	0.7	2.3	—	—	—	—
59.9	58.0	60.0	59.3	—	0.3	SSW	7.3	WNW	5.5	3.5	—	—	13.4	13.4
62.1	60.9	56.0	59.7	E	1.3	E	2.7	SSW	4.8	3.0	9.6	—	0.6	10.2
57.5	60.0	60.2	59.2	SW	1.4	ENE	7.0	ESE	3.4	5.2	25.0	8.4	—	33.4
59.8	57.9	66.5	61.4	ESE	2.3	NE	5.3	ESE	2.0	2.8	—	—	—	—
53.3	52.9	61.0	55.7	ESE	1.1	NW	8.5	NE	7.3	4.3	—	—	0.0	0.0
59.7	61.1	61.2	60.7	SW	2.3	NW	8.8	SSW	3.4	3.4	—	0.0	—	0.0
64.6	65.6	67.0	65.7	NW	4.1	NW	5.3	ESE	2.6	3.5	—	—	—	—
65.5	64.6	65.8	65.3	SSW	2.3	W	5.3	WSW	4.4	3.6	—	—	—	—
62.9	62.6	63.4	63.0		2.3		5.1		2.9	3.3	35.4	11.1	15.5	62.0

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		
0.8	3.5	1.0	1.8	4.0	0.0	4.0	96	66	80	81	10 sk	10 sk	10 sk	10.0	0.00	1.2
0.0	1.2	1.2	0.8	2.0	99.7	2.3	96	96	96	96	10 sk	10 sk	10 sk	10.0	0.00	0.7
98.8	4.0	99.2	0.7	4.7	97.0	7.7	97	35	51	61	10 sk	3 cs	0 —	4.3	9.50	3.8
94.0	99.8	97.6	97.1	1.3	93.1	8.2	62	40	65	56	0 —	8 cs	0 —	2.7	8.80	2.5
92.4	96.4	93.2	94.0	97.8	90.3	7.5	59	36	58	51	0 —	3 cs	0 —	1.0	9.70	2.4
90.0	98.0	95.4	94.5	99.5	89.3	10.2	74	39	88	67	0 —	10 cs	0 —	3.3	6.40	1.6
92.8	6.0	99.2	99.3	7.1	92.5	14.6	90	42	76	69	0 —	1 k	0 —	0.3	10.00	2.4
97.9	6.6	1.2	1.9	6.8	96.5	10.3	92	46	84	74	0 —	0 k	0 —	0.0	10.20	2.0
97.6	4.8	98.4	0.3	6.7	96.3	10.4	62	53	66	60	0 —	1 k	0 —	0.3	10.00	2.6
97.0	7.8	0.8	1.9	8.3	95.7	12.6	69	26	65	53	0 —	0 —	0 —	0.0	10.40	3.2
96.4	11.3	1.0	2.9	12.4	95.5	16.9	89	26	80	65	0 —	7 cs	1 cs	2.7	10.00	3.2
99.0	7.9	4.0	3.6	8.3	98.4	9.9	85	36	82	68	0 —	10 sc	8 sk	6.0	2.80	1.4
99.8	5.0	2.4	2.4	6.6	99.0	7.6	90	47	81	73	10 sk	10 cs	8 cs	9.3	2.70	1.8
99.4	3.6	1.8	1.6	4.2	99.0	5.2	91	69	92	84	10 cs	10 cs, sk	10 n	10.0	1.50	1.0
0.6	9.7	2.2	4.2	10.9	99.7	11.2	84	40	77	67	10 sk	1 k	0 —	3.7	10.00	3.6
0.0	11.7	2.0	4.6	13.0	98.8	14.2	79	34	77	63	0 —	0 —	5 sk	1.7	10.60	2.3
96.0	1.4	98.2	98.5	8.7	96.1	12.6	100	32	73	68	10 n	0 —	0 —	3.3	8.30	3.3
1.9	6.4	98.8	2.4	7.5	98.0	9.5	76	50	69	65	10 sk	5 ck	0 —	5.0	5.00	3.0
96.0	6.8	0.4	1.1	7.4	95.8	11.6	78	29	53	53	0 —	0 —	0 —	0.0	10.60	3.9
97.6	9.1	4.2	3.6	10.0	96.2	13.8	72	35	66	58	0 —	10 cs	5 sk	5.0	7.70	2.8
98.5	13.9	5.6	6.0	15.5	98.2	17.3	93	35	79	69	0 —	0 —	0 —	0.0	10.70	3.5
0.2	10.9	6.8	6.0	12.5	99.8	12.7	96	52	87	78	0 —	10 sk	5 sk	5.0	4.00	2.1
5.0	13.9	7.5	8.8	14.6	3.8	10.8	91	52	95	79	9 sk	9 cs, sk	10 sk	9.3	5.20	3.0
4.6	15.9	9.1	9.9	17.7	2.8	14.9	89	63	97	83	0 —	10 sk	10 n	6.7	6.90	4.0
1.8	11.2	10.7	7.9	13.8	1.2	12.6	92	44	76	71	2 sk	0 —	10 sk	4.0	9.10	2.0
7.9	7.6	3.6	6.4	12.9	2.2	10.7	95	38	75	69	10 n	10 cs	0 —	6.7	6.10	2.8
1.0	11.9	7.0	6.6	13.1	99.2	13.9	80	45	75	67	0 —	7 cs	3 sk	3.3	10.50	3.0
3.8	8.1	98.6	3.5	9.4	98.2	11.2	89	57	85	77	10 sk	9 ck	7 sk	8.7	4.00	3.0
96.3	2.3	98.6	99.1	4.7	95.3	9.4	94	76	80	83	1 cs	9 sk	0 —	3.3	5.00	2.8
98.8	3.6	98.8	0.4	4.2	97.7	6.5	66	28	69	54	4 sk	7 k	0 —	3.7	10.60	3.3
96.8	7.3	1.4	1.8	7.8	95.6	12.2	74	32	73	60	1 cs	9 cs	0 —	3.3	10.90	3.4
98.8	6.7	1.6	2.4	8.2	97.4	10.7	84	45	76	68	3.8	5.8	3.3	4.3	227.20	81.6

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

開　原

昭和五年三月　　KAIYUAN.　　MARCH, 1930.

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	60.5	61.4	61.2	61.0	NNE	1.3	NNE	2.3	NNE	2.9	3.4	—	—	—	
2	58.3	57.2	50.8	55.4	NE	2.3	NNE	2.3	E	1.8	2.6	—	0.6	0.8	1
3	57.8	59.3	62.9	60.0	—	0.0	N	4.7	N	5.8	3.7	—	—	—	
4	64.9	65.1	66.4	65.5	—	0.0	N	4.1	E	2.5	1.7	—	—	—	
5	69.2	69.3	70.6	69.7	N	4.1	NNE	5.8	NE	1.9	3.7	—	—	—	
6	70.6	69.1	68.5	69.4	NE	2.8	E	2.9	E	1.9	2.1	—	—	—	
7	68.2	66.9	66.3	67.1	—	0.0	SW	5.8	SSW	2.6	2.9	—	—	—	
8	64.9	62.6	63.1	63.5	S	5.8	SSW	8.4	SSW	5.3	5.1	—	—	—	
9	65.2	66.2	65.8	65.7	—	0.3	NNE	5.8	W	0.9	2.4	—	—	—	
10	66.9	65.6	66.4	66.3	E	1.8	E	3.7	E	0.9	1.8	—	—	—	
11	65.3	62.4	61.7	63.1	ENE	1.1	SW	2.3	S	2.3	2.3	—	—	—	
12	59.4	56.5	53.3	56.4	S	1.4	SSE	1.6	NE	2.6	1.7	—	—	—	
13	47.7	44.0	44.5	45.4	NE	2.2	N	1.8	NE	2.7	2.8	—	—	—	
14	43.1	44.9	47.2	45.1	NNE	1.8	N	3.5	NNW	0.6	2.4	0.1	0.6	1.6	2
15	50.2	49.8	51.3	50.4	NW	1.3	N	5.8	S	4.1	2.7	—	—	—	
16	53.7	53.5	50.4	52.5	S	5.3	SW	4.6	S	2.1	3.1	—	—	—	
17	54.3	55.5	53.6	54.5	N	7.3	NW	5.8	S	5.8	5.0	0.1	0.3	—	0
18	51.2	53.6	56.0	53.6	WSW	3.5	N	7.0	ENE	0.9	4.9	—	0.0	—	0
19	56.0	57.1	59.6	57.6	E	2.3	N	2.3	ENE	0.5	2.0	—	—	—	
20	60.1	59.2	59.3	59.5	—	0.0	E	2.0	—	0.0	1.4	—	—	—	
21	59.2	57.4	56.9	57.8	—	0.9	SSW	4.1	S	2.3	2.6	—	—	—	
22	57.0	55.5	54.9	55.8	NE	2.3	SSE	1.8	ESE	2.6	1.6	—	—	—	
23	55.1	55.9	57.0	56.0	ENE	2.9	NNE	1.2	—	0.0	2.0	4.8	2.7	3.5	11
24	55.6	53.0	54.8	54.5	ESE	2.1	S	2.9	WNW	2.7	4.0	0.9	—	9.7	16
25	56.7	56.7	51.1	54.8	WSW	2.0	SSW	2.9	ESE	0.6	2.3	2.3	—	—	5
26	55.9	55.6	59.8	57.1	NW	5.8	WNW	2.5	ESE	3.2	2.4	10.0	0.1	—	10
27	55.8	53.9	52.8	54.2	NE	2.9	W	2.3	E	2.3	1.7	—	—	—	
28	50.1	47.3	55.0	50.8	NE	3.3	N	10.5	NNW	3.9	5.6	—	—	0.1	0
29	54.6	55.2	56.7	55.5	S	2.3	WNW	4.2	WSW	2.3	3.8	0.0	—	—	0
30	58.0	59.7	59.9	59.2	WSW	2.0	W	5.8	SW	2.9	4.1	—	—	—	
31	59.5	59.2	60.1	59.6	S	2.9	SW	5.8	S	3.5	4.9	—	—	—	
平均 Mean	58.2	57.7	58.0	58.0		2.4		4.1		2.4	2.9	18.2	4.3	15.7	38

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)
1	97.8	2.7	99.6	0.0	3.8	96.0	7.8	97	56	37	63	4 c	10 cs, sc	9 c	7.7	7.20	
2	0.1	0.4	0.4	0.3	2.6	99.0	3.6	35	92	96	74	10 sc	10 n	10 n	10.0	0.10	1
3	95.5	4.0	97.4	99.0	4.4	94.4	10.0	75	51	53	60	0 —	1 c	0 —	0.3	9.30	
4	90.6	0.2	93.4	94.7	0.4	89.4	11.0	62	27	63	51	0 —	1 k	0 —	0.3	10.00	
5	88.7	93.7	89.3	90.6	93.8	87.2	6.6	54	27	62	48	0 —	1 cs	0 —	0.3	10.05	
6	85.0	99.3	93.7	92.7	0.5	84.6	15.9	81	33	59	58	0 —	7 c	0 —	2.3	10.30	
7	89.7	6.2	97.7	97.9	6.3	88.9	17.4	77	43	62	61	0 —	1 c	0 —	0.3	10.50	
8	94.6	6.9	0.2	0.6	7.1	93.6	13.5	82	46	69	66	1 c	10 cs	0 —	3.7	10.20	
9	93.5	4.8	95.6	98.0	5.0	92.8	12.2	94	37	73	68	0 —	0 —	0 —	0.0	10.50	
10	92.1	6.8	97.8	98.9	7.0	91.4	15.6	74	24	73	57	0 —	0 —	0 —	0.0	10.80	
11	93.9	10.8	99.0	1.2	11.7	93.2	18.5	73	25	68	55	0 —	7 c	10 cs	5.7	10.10	
12	98.5	10.8	2.7	4.0	10.9	96.6	14.3	68	37	53	53	1 c	7 c	10 cs	6.0	8.50	
13	0.7	8.1	2.3	3.7	8.3	0.3	8.0	66	59	71	65	10 sc	10 sk	10 sk	10.0	0.80	
14	0.0	2.8	1.9	1.6	3.0	99.5	3.5	100	74	83	86	10 n	10 n	10 n	10.0	0.00	
15	99.0	7.3	0.5	2.3	8.9	97.7	11.2	69	60	66	65	10 ck	10 k	0 —	6.7	7.60	
16	97.1	10.3	99.5	2.3	10.3	95.8	14.5	71	31	63	55	0 —	0 —	10 cs	3.3	10.90	
17	96.9	99.5	97.6	98.0	1.9	95.4	6.5	95	51	42	63	10 n	4 k	8 c	7.3	8.15	
18	99.3	2.5	95.3	99.0	2.6	95.0	7.6	52	36	44	44	10 c	0 —	0 —	3.3	6.90	
19	91.3	4.7	96.4	97.5	4.9	91.1	13.8	83	32	31	49	0 —	0 —	0 —	0.0	10.90	
20	93.8	9.0	3.4	2.1	9.7	92.5	17.2	51	37	45	44	0 —	8 c	7 cs	5.0	10.20	
21	95.6	12.6	4.0	4.1	13.4	95.0	18.4	89	48	45	61	0 —	2 c	0 —	0.7	11.20	
22	97.7	14.6	8.4	6.9	14.6	95.0	19.6	77	46	62	62	8 cs	10 cs	10 n	9.3	11.20	
23	5.5	9.5	7.3	7.4	11.4	5.0	6.4	90	96	92	93	10 n	10 n	10 n	10.0	0.70	
24	5.8	16.5	7.4	9.9	16.9	5.0	11.9	87	60	91	79	10 kc	8 k	10 n	9.3	7.30	
25	1.3	8.7	9.6	6.5	10.8	0.4	10.4	94	40	48	61	0 —	7 c	10 n	5.7	9.60	
26	6.0	7.5	1.2	4.9	9.2	1.2	8.0	76	39	84	66	10 n	1 cs	2 c	4.3	8.50	
27	99.2	12.4	6.4	6.0	13.3	98.9	14.4	76	40	63	60	2 c	10 c	10 sc	7.3	10.40	
28	1.8	7.9	96.8	2.2	7.9	96.6	11.3	84	47	84	72	10 sc	7 c	10 n	9.0	5.10	
29	94.3	1.5	98.7	98.2	2.1	94.0	8.1	91	49	71	70	8 kn	10 sc	0 —	6.0	5.80	
30	95.5	1.8	99.3	98.9	2.3	94.7	7.6	78	66	69	71	0 —	9 k	0 —	3.0	10.80	
31	96.2	6.7	0.3	1.1	6.9	95.6	11.3	73	47	68	63	0 —	6 k	0 —	2.0	11.50	
平均 Mean	96.7	6.1	0.1	1.0	6.8	95.3	1.1	77	47	64	63	4.0	5.7	4.7	4.8	255.70	97

※ 重力ノ更正　Reduction to standard gravity……— 0.2
海面ヘノ更正　Reduction to mean sea level……+ 8.8

鄭家屯

昭和五年三月 — CHENGCHIATUN. — MARCH, 1930.

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
58.7	60.3	61.7	60.2	NNE	2.6	ENE	2.3	ESE	3.0	2.8	—	—	—	—
58.4	55.9	56.2	56.8	E	3.4	ESE	2.5	ENE	1.6	2.9	—	—	—	—
57.6	58.7	62.0	59.4	NE	1.9	NNE	5.9	NNW	2.8	3.1	—	—	—	—
63.4	62.9	64.1	63.5	N	4.0	NE	3.0	—	0.0	2.8	—	—	—	—
67.5	68.0	68.9	68.1	N	3.3	NE	6.0	NE	1.1	3.1	—	—	—	—
68.8	66.6	67.1	67.5	E	0.5	ESE	1.8	E	0.8	1.3	—	—	—	—
66.4	64.2	63.3	64.6	—	0.0	WSW	4.5	WSW	2.2	2.2	—	—	—	—
62.0	60.2	62.2	61.5	SSW	4.0	W	6.0	ESE	3.2	4.0	—	—	—	—
64.6	64.9	64.9	64.8	ENE	1.4	NNE	4.7	—	0.0	2.2	—	—	—	—
66.0	60.9	64.5	63.8	SE	2.0	S	1.8	S	0.9	1.2	—	—	—	—
63.3	60.6	58.7	60.9	SSW	1.9	WSW	4.8	SSW	2.3	2.8	—	—	—	—
56.8	55.1	53.2	55.0	SSW	1.9	WSW	4.3	—	0.0	2.5	—	—	—	—
47.8	43.6	44.1	45.2	NE	1.6	ESE	4.4	NE	2.3	2.7	—	—	—	—
43.0	43.9	46.5	44.5	NNE	1.4	NE	5.3	NNE	3.6	3.1	—	0.5	0.0	0.5
47.7	48.1	49.2	48.3	N	2.9	NNE	5.3	NNW	1.1	3.5	—	—	—	—
52.1	52.4	49.8	51.4	NW	3.3	NNW	2.0	—	0.1	2.1	—	—	—	—
54.4	53.7	50.4	52.8	NNE	9.3	N	4.4	NW	3.6	5.1	0.2	—	—	0.2
49.4	52.7	54.5	52.2	NNE	2.4	NNE	5.7	—	0.0	3.6	—	—	—	—
54.6	56.1	57.3	56.0	—	0.0	NE	3.2	ENE	0.8	1.3	—	—	—	—
59.0	57.9	58.5	58.5	—	0.2	SE	1.5	W	0.9	0.8	—	—	—	—
57.9	55.9	55.8	56.5	—	0.0	WSW	3.4	WSW	0.9	1.5	—	—	—	—
56.1	54.2	54.7	55.0	SSW	0.7	SE	2.2	ESE	2.3	1.4	—	—	—	—
55.1	55.1	56.5	55.6	SE	2.8	SW	1.6	SSW	2.5	3.0	1.0	—	—	1.0
55.0	51.0	54.8	53.6	SSE	1.2	SSW	6.8	N	5.6	3.5	—	—	8.9	8.9
55.5	54.6	59.9	56.7	W	2.5	WSW	3.2	SSE	2.1	3.2	0.1	—	—	0.1
51.9	53.5	55.6	53.7	N	1.8	NNW	4.8	NNE	0.5	3.1	0.1	—	—	0.1
54.9	52.7	62.4	56.7	S	1.4	WSW	3.3	—	0.0	1.7	—	—	—	—
51.5	49.0	52.0	50.8	ENE	1.9	NE	8.9	NNW	4.6	5.3	—	—	0.1	0.1
51.9	52.2	54.6	53.2	NW	2.7	NNW	6.4	NW	3.5	4.5	—	—	—	—
55.5	57.6	57.7	56.9	NW	2.7	NNW	6.8	W	2.5	4.1	—	—	—	—
55.0	56.3	58.3	56.5	W	2.4	NW	5.4	NE	1.7	3.5	—	—	—	—
56.8	56.1	57.4	56.8		2.2		4.3		1.8	2.8	1.4	0.5	9.0	10.9

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.
95.6	2.1	97.5	98.4	3.8	93.8	10.0	55	55	65	58	10 n	5 c	0 —	5.0	6.90	4.1
97.0	3.4	98.1	99.5	4.7	96.6	8.1	94	33	95	74	0 —	10 cs	0 —	3.3	1.62	3.2
90.5	1.3	94.0	95.3	2.5	90.3	12.2	79	63	51	65	4 cs	8 kc	0 —	4.0	8.16	3.6
87.7	98.8	90.7	92.4	99.7	80.5	19.2	69	15	40	41	0 —	0 —	0 —	0.0	10.35	3.1
84.9	93.6	86.7	88.4	95.4	84.6	10.8	56	25	54	45	0 —	0 —	0 —	0.0	10.39	2.2
83.5	97.7	91.8	91.0	99.5	81.7	17.8	54	14	93	54	0 —	0 —	0 —	0.0	10.18	2.7
85.6	6.1	97.7	96.5	7.6	84.3	23.3	95	20	95	70	0 —	7 c	2 c	3.0	10.12	4.0
92.7	7.7	99.0	99.8	10.9	92.3	18.6	97	37	80	71	10 kc, s	0 —	3 c	4.3	9.07	4.8
91.5	4.3	94.3	96.7	5.4	90.4	15.0	86	35	91	71	0 —	0 —	0 —	0.0	10.41	4.0
91.9	6.0	95.6	97.8	8.1	91.4	16.7	80	21	88	63	0 —	0 —	0 —	0.0	10.55	4.0
90.7	12.5	2.2	1.8	13.6	90.2	23.4	79	36	52	56	0 —	4 c	10 c	4.7	10.00	5.9
95.2	12.3	2.4	3.3	13.3	94.3	19.0	88	24	48	53	0 —	4 c, cs	2 c	2.0	9.90	5.0
99.2	8.4	2.2	3.3	9.4	98.3	11.1	90	35	67	64	10 n	10 cs	10 n	10.0	2.85	3.2
99.2	3.4	3.5	2.0	5.7	98.8	6.9	95	74	72	80	10 n	10 n	10 c, ck	10.0	0.00	2.1
97.2	9.5	5.0	3.9	11.3	96.3	15.0	81	30	61	57	0 —	1 k	0 —	0.3	9.27	5.6
96.1	9.8	4.1	3.3	10.5	94.5	16.0	57	21	65	48	0 —	0 —	10 sc	3.3	9.67	4.2
94.3	98.8	98.4	97.2	4.7	92.7	12.0	94	26	49	56	6 kc, n	0 —	2 sc	2.7	10.32	4.2
98.1	0.4	92.2	96.9	1.4	92.1	9.3	90	24	50	55	10 n	0 —	0 —	3.3	8.89	3.9
88.7	3.0	95.9	95.9	4.9	88.7	16.2	84	39	94	72	0 —	0 —	0 —	0.0	10.88	4.0
90.5	6.8	99.0	98.8	9.2	89.7	19.5	82	28	53	56	0 —	8 c	0 —	2.7	9.63	2.9
91.3	11.8	1.5	1.5	13.7	91.2	22.5	76	20	47	48	0 —	6 cs	0 —	2.0	11.01	4.8
96.1	13.2	7.7	5.7	14.6	94.8	19.8	94	36	36	55	2 sc	0 —	10 n	4.0	9.75	6.4
3.9	12.5	6.6	7.7	12.9	3.3	9.6	81	60	78	73	10 n	10 n	10 n	10.0	2.23	3.5
6.0	15.7	3.2	8.3	17.3	3.0	14.3	85	50	89	75	10 n	7 k	10 n	9.0	4.50	3.1
98.3	8.8	5.2	4.1	9.7	97.9	11.8	90	29	75	65	0 —	7 c	10 n	5.7	9.24	4.2
1.6	7.7	1.3	3.5	8.7	0.3	8.4	84	23	52	53	10 n	0 —	0 —	3.3	10.39	4.7
95.8	12.2	3.8	3.9	13.1	95.1	18.0	83	24	63	57	0 —	7 cs	0 —	2.3	10.94	5.8
0.3	3.8	97.6	0.6	4.4	96.1	8.3	88	30	75	64	10 n	10 n	10 n	10.0	5.86	2.6
92.1	1.1	96.3	96.5	2.4	91.9	10.5	70	61	61	64	10 n	9 k	0 —	6.3	7.50	4.4
92.6	2.5	96.9	97.3	3.5	92.5	11.0	59	59	92	70	0 —	7 sc	0 —	2.3	11.62	5.0
96.6	7.7	98.4	99.9	8.4	93.4	15.0	70	18	49	46	0 —	6 c	0 —	2.0	11.67	5.7
94.2	5.9	99.0	99.7	7.4	92.9	14.5	80	34	67	61	3.6	4.4	3.2	3.7	263.84	127.9

* 重力ノ更正 Reduction to standard gravity ……— 0.1
海面ヘノ更正 Reduction to mean sea level ……+ 11.0

洮南

昭和五年三月 **TONAN.** MARCH, 1930.

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 To
1	52.1	55.8	58.1	55.3	NW	5.3	NNW	2.5	S	2.8	3.4	—	—	—	
2	57.0	54.6	55.2	55.6	SSE	1.6	SE	5.0	ESE	5.5	3.4	—	—	—	
3	57.4	56.6	59.5	57.8	N	2.9	N	2.9	—	0.0	2.7	—	0.0	0.0	0
4	60.2	54.2	61.8	58.7	NW	0.9	SW	2.3	NW	1.9	2.7	—	—	—	
5	64.7	64.4	64.9	64.7	NW	0.6	N	4.0	SSW	1.2	2.1	—	—	—	
6	**66.0**	64.5	63.7	64.7	SSW	0.7	SW	5.0	S	3.6	2.6	—	—	—	
7	62.3	59.4	57.5	59.7	SSW	1.1	SW	5.3	SSW	3.5	3.4	—	—	—	
8	56.0	55.5	58.7	56.7	SSW	2.7	N	5.0	N	2.1	3.2	—	—	—	
9	62.4	61.3	60.2	61.3	NW	1.4	NNW	3.6	SW	0.9	2.6	—	—	—	
10	63.1	62.7	59.1	61.6	NNW	1.2	SSW	6.7	SSW	5.8	3.5	—	—	—	
11	57.4	55.3	53.5	55.4	SW	0.9	SW	7.6	SW	5.1	3.9	—	—	—	
12	52.7	51.1	49.3	51.0	SW	1.6	SSE	2.5	S	2.6	2.2	—	—	—	
13	46.5	**42.6**	43.9	44.3	NNE	4.6	NE	7.0	ENE	5.3	4.5	—	—	—	
14	**42.6**	**42.6**	45.4	43.5	NNE	6.5	NE	9.0	N	5.0	7.5	0.0	—	—	0
15	45.5	44.8	45.6	45.3	NNW	3.5	N	6.3	NW	5.5	4.8	—	—	—	
16	47.5	47.5	48.2	47.7	WNW	2.3	NNW	8.4	NNW	7.4	5.1	—	—	—	
17	51.5	47.7	46.1	48.4	NW	4.8	WNW	5.6	WNW	1.9	4.9	—	—	—	
18	47.1	49.2	50.5	48.9	N	4.1	N	7.3	ESE	1.2	4.2	—	—	—	
19	53.2	53.0	59.3	55.2	E	0.6	N	3.8	WSW	1.2	2.0	—	—	—	
20	55.9	54.2	54.4	54.8	WNW	0.7	WSW	2.2	S	2.3	2.1	—	—	—	
21	53.2	50.8	50.8	51.0	SW	2.1	WNW	1.9	SE	1.9	2.4	—	—	—	
22	54.7	53.5	52.2	53.5	NE	5.1	ENE	5.0	E	4.4	4.1	—	—	—	
23	53.7	52.1	50.7	52.2	E	3.3	E	3.5	E	2.3	3.5	—	0.0	0.0	0
24	50.7	47.5	48.2	48.8	SSE	4.9	SSE	9.0	WNW	3.8	5.7	—	—	**4.5**	4
25	52.1	49.7	46.2	49.3	W	2.9	SW	6.5	SSE	3.6	3.7	—	—	—	
26	58.3	48.9	49.7	52.3	N	2.8	WNW	6.8	SSW	3.9	5.3	1.5	—	—	1
27	49.9	51.5	48.2	51.9	SW	3.2	SE	3.0	NW	4.9	3.1	—	—	—	
28	49.4	49.1	48.3	48.9	NE	4.5	N	7.9	WNW	3.4	5.1	—	—	—	
29	48.0	47.7	48.7	48.1	WNW	5.0	NW	**9.9**	WNW	4.0	6.4	—	—	—	
30	51.0	49.9	53.5	51.5	W	2.6	NNW	5.0	WNW	2.3	4.2	—	—	—	
31	53.2	53.8	55.7	54.2	NW	1.1	N	2.9	E	2.9	2.4	—	—	—	
平均 Mean	54.0	52.8	53.1	53.3		2.8		5.3		3.2	3.8	1.5	0.0	4.5	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)
1	90.5	0.3	94.9	95.2	2.4	88.9	13.5	93	91	61	82	2 sk	7 c	0 —	3.0	8.03	
2	94.1	2.3	97.7	98.0	3.5	93.6	9.9	74	32	75	60	10 n	5 c	0 —	5.0	4.60	
3	91.7	98.2	93.0	94.3	0.1	90.1	10.0	84	70	90	81	10 n	9 n	5 n	8.0	4.34	
4	85.3	97.1	89.3	90.6	99.6	84.3	15.3	72	52	57	60	0 —	3 k	0 —	1.0	10.18	
5	82.6	93.5	87.1	87.7	96.0	82.6	13.4	73	55	60	63	0 —	0 —	0 —	—	10.50	
6	78.9	97.3	91.3	89.2	98.4	**78.8**	19.6	78	60	75	71	0 —	0 —	5 c	1.7	10.25	
7	84.1	4.0	96.8	95.0	5.7	83.9	21.8	84	82	58	75	0 —	10 c	5 c	5.0	9.79	
8	91.5	7.6	95.9	98.3	7.7	90.8	16.9	70	41	68	60	7 c	8 c	0 —	5.0	8.68	
9	88.4	4.1	97.3	96.6	7.6	87.4	20.2	62	31	70	54	0 —	0 —	0 —	—	10.40	
10	88.5	5.3	99.3	97.7	9.0	87.3	21.7	65	22	33	40	0 —	0 —	0 —	—	10.53	
11	90.4	13.3	1.3	1.7	14.2	90.4	**23.8**	69	27	22	37	0 —	0 —	0 —	—	10.54	
12	94.5	13.4	3.7	3.9	15.0	94.0	21.0	77	23	24	41	0 —	1 c	10 cs	3.7	10.50	
13	97.2	6.8	2.5	2.2	7.5	97.1	10.4	73	35	77	62	10 s	10 n	10 s	10.0	5.61	
14	99.4	7.0	3.1	3.2	8.6	99.2	9.4	88	71	37	65	10 n	10 n	10 cs	10.0	0.61	
15	95.7	11.9	3.1	3.6	12.8	95.5	17.3	55	23	32	37	4 kn	1 c	0 —	1.7	9.50	
16	94.1	8.4	99.7	0.7	9.4	93.0	16.4	24	42	48	38	0 —	10 cs	10 c	6.7	8.97	
17	89.2	0.1	93.2	95.2	2.2	88.9	13.3	49	16	36	34	0 —	4 c	0 —	1.3	9.88	
18	89.2	99.9	93.9	94.3	1.3	88.9	12.4	43	19	39	34	0 —	10 c	0 —	3.3	10.69	
19	89.5	0.9	95.1	95.2	2.5	88.5	14.0	57	27	52	45	7 cs	10 c	0 —	5.7	10.80	
20	89.1	6.5	99.0	98.2	7.6	88.3	19.3	62	26	43	44	7 cs	6 c	0 —	4.3	10.92	
21	91.3	11.3	2.6	1.7	13.5	91.3	22.2	62	19	41	41	0 —	2 c	0 —	0.7	11.05	
22	94.9	8.7	5.2	2.9	10.2	94.4	15.8	64	26	37	42	7 c	10 cs	10 n	9.0	8.81	
23	0.9	11.5	6.8	6.4	13.4	99.8	13.6	84	**15**	55	51	10 sc	7 ck	10 n	9.0	5.14	
24	5.7	13.5	0.3	6.5	13.6	0.0	13.6	93	47	96	79	10 n	10 n	10 n	10.0	0.52	
25	93.1	5.3	3.5	0.9	7.3	92.7	14.6	94	45	59	66	0 —	7 c	0 —	2.3	9.69	
26	98.1	4.7	98.9	0.8	5.7	96.8	8.9	92	30	56	59	6 s	0 —	0 —	2.0	11.48	
27	96.9	8.7	3.5	3.0	**16.0**	95.9	20.1	56	22	31	36	0 —	5 c	0 —	1.3	11.56	
2[illegible]	97.5	99.5	97.0	98.0	3.7	96.9	**6.8**	62	30	50	47	10 n	10 s	0 —	6.7	0.60	
[illegible]	91.4	0.1	94.9	95.5	1.0	91.1	9.9	54	23	46	41	0 —	9 kc	0 —	3.0	10.75	
[illegible]	90.1	1.9	96.1	96.0	3.1	89.9	13.2	57	24	54	45	0 —	10 s	0 —	3.3	10.63	
3[illegible]	89.9	2.9	97.7	96.8	4.5	89.6	14.9	61	38	56	52	0 —	7 kc	0 —	2.3	11.15	
[illegible]	92.1	4.7	98.3	98.4	6.6	91.3	15.3	69	37	53	53	3.5	5.8	2.7	4.0	266.70	11[illegible]

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

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印刷所　小林又七支店

昭和五年五月

滿洲氣象表

REPORT

OF THE

METEOROLOGICAL OBSERVATIONS

MADE AT THE

METEOROLOGICAL STATIONS

IN

MANCHURIA.

MAY, 1930.

PUBLISHED BY THE METEOROLOGICAL OBSERVATORY, DAIREN.

凡　例

本編ハ昭和五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. 1930.

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 uwoys 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	層卷雲	SC	Strato-cirrus	層積雲	SK	Strato-cumulus
積雲	K	Cumulus	積卷雲	KC	Cumulo-cirrus	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)	⦵⁽³⁾	moderate	弱震	⦵⁽³⁾	rather strong
强震(弱キ方)	⦵⁽⁴⁾	strong	强震	⦵⁽⁵⁾	very strong	烈震	⦵⁽⁶⁾	disastrous

大　連

DAIREN.

昭和五年五月　　MAY, 1930.

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 PRECIPITAION. (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
54.6	54.3	55.2	53.9	53.2	53.0	54.0	S	0.6	SSE	3.0	SSE	1.2	S	3.7	SSW	6.4	S	8.4	2.9	—	—	—	—	—	—	—
51.6	51.1	50.8	48.7	47.0	48.0	49.5	SSE	2.5	W	6.7	SW	8.3	SSW	8.8	S	10.1	S	9.6	7.6	—	—	—	—	—	—	—
48.4	50.5	51.6	50.8	50.3	51.5	50.5	S	12.7	NW	2.3	S	5.7	S	5.9	S	6.6	S	11.7	7.1	—	—	—	—	—	—	—
51.7	52.7	53.3	51.8	51.4	51.3	52.0	SSE	4.5	ESE	3.1	ESE	6.8	ESE	3.9	NE	3.7	NNW	4.2	4.6	—	—	—	0.0	1.7	0.3	2.0
50.6	51.2	52.0	51.4	52.4	53.9	51.9	N	6.8	NNW	4.1	NW	1.1	WNW	1.8	NW	1.2	NW	2.8	3.6	0.5	0.0	0.4	0.1	—	—	1.0
54.1	54.6	55.4	53.9	52.5	52.8	53.9	SSE	4.3	S	3.2	W	4.1	SSW	8.3	SSW	11.3	S	10.7	5.2	—	—	—	—	—	—	—
52.2	52.6	52.9	50.9	48.7	48.6	51.0	S	11.3	S	10.4	SSW	8.2	SSW	12.3	S	12.4	S	17.7	10.8	—	—	—	—	—	—	—
47.8	47.1	46.5	44.6	44.1	44.6	45.8	S	14.0	S	11.4	SSE	8.7	S	8.2	SSE	3.7	SE	4.8	10.4	—	—	—	—	—	—	—
44.5	44.8	46.5	47.2	47.3	49.9	46.7	ENE	2.6	NNE	5.7	NW	6.1	NW	6.5	NNW	7.8	NNW	6.8	5.8	—	—	—	—	—	—	—
51.0	52.3	52.9	51.7	51.9	53.4	52.2	NNW	4.3	W	1.5	NW	6.8	NNW	8.2	NW	4.2	WNW	2.1	4.7	—	—	—	—	—	—	—
54.1	54.1	53.4	51.7	50.6	52.4	52.7	NW	3.3	NW	2.0	NW	4.4	S	7.1	S	8.1	S	9.0	4.6	—	—	—	—	—	—	—
50.9	50.9	51.8	51.2	51.0	52.3	51.4	S	10.1	S	4.4	S	5.0	S	6.0	S	4.8	SSE	3.9	6.7	—	—	—	—	—	—	—
52.7	52.7	54.2	53.2	52.8	54.0	53.3	S	5.0	S	6.9	S	6.0	S	9.2	SSE	2.3	SSE	4.6	5.5	—	—	—	—	—	—	—
54.1	54.6	55.4	55.3	55.0	55.7	55.0	S	10.0	S	7.5	SSE	6.1	SSE	5.4	SSE	5.0	S	4.1	6.3	—	—	—	—	—	—	—
55.6	55.5	55.4	53.7	52.4	52.9	54.3	SSW	2.5	SSE	3.8	S	7.1	S	3.9	SSE	1.6	NW	4.1	3.7	—	—	—	—	—	—	—
52.9	53.1	54.1	53.3	53.2	54.1	53.5	SW	1.3	WNW	2.6	S	3.7	WSW	1.1	S	4.8	SSW	4.3	2.5	1.3	0.6	0.0	—	—	—	1.9
53.7	53.6	53.9	53.4	52.6	53.2	53.4	SSW	4.8	SSE	3.0	S	4.3	S	5.8	S	7.2	S	7.4	4.5	—	—	—	—	—	—	—
53.1	53.0	53.6	51.5	49.8	49.7	51.8	SSE	3.0	SSE	2.4	SSE	3.5	SSE	3.1	SSE	3.4	SE	1.2	3.2	—	—	—	0.0	0.0	—	0.0
48.7	48.8	48.6	47.9	47.9	48.6	48.4	SSE	0.9	NW	3.5	NW	0.8	NW	7.0	NW	2.7	SSW	4.3	3.5	—	—	—	—	—	—	—
48.4	48.5	47.7	46.5	45.3	45.5	47.0	SW	4.0	WNW	0.5	WSW	5.1	SW	4.9	S	7.6	SSW	8.5	5.2	—	—	—	—	—	—	—
45.3	45.0	46.0	45.2	44.2	46.0	45.3	SW	9.3	SW	6.1	SW	6.2	S	3.8	WSW	3.0	—	0.4	5.3	—	—	—	—	—	—	—
46.1	47.7	50.0	51.4	52.3	53.8	50.2	NW	1.7	NNW	4.1	NE	4.7	NNW	10.9	NNW	8.8	—	0.0	4.9	—	—	—	—	—	—	—
55.0	56.4	55.9	55.8	55.5	57.0	55.9	NW	2.3	NW	2.6	NNW	3.2	NW	5.3	N	4.9	W	0.5	3.2	—	—	—	—	—	—	—
57.0	57.3	57.3	55.5	53.8	54.4	55.9	SSW	6.7	W	3.7	NW	4.1	S	3.9	S	6.2	S	9.9	5.6	—	—	—	—	—	—	—
53.4	53.1	53.5	52.2	51.1	51.7	52.5	S	11.4	S	9.7	S	7.7	S	9.6	S	12.0	S	10.6	10.1	—	—	—	—	—	—	—
51.6	51.4	51.6	50.3	49.9	50.8	50.9	S	8.8	S	9.8	SSE	7.4	S	5.1	SSE	5.2	S	1.8	7.8	—	—	—	—	0.0	0.0	0.0
50.2	49.8	50.4	49.2	49.5	49.7	49.8	S	4.3	S	2.7	S	4.3	S	5.5	SSE	1.8	SSE	4.0	4.5	1.7	2.2	—	—	—	—	3.9
49.1	49.5	50.2	49.4	46.7	46.6	48.6	SSE	1.8	SSE	1.4	S	3.1	S	6.1	SSE	6.3	S	13.3	4.7	—	—	—	—	—	—	—
48.8	50.1	50.9	50.5	50.4	51.9	50.4	ESE	11.0	SSE	8.8	SSE	3.6	NNE	3.6	NE	1.3	SSE	2.8	5.8	—	—	—	—	—	—	—
51.5	51.8	52.3	51.5	50.1	50.8	51.3	SSE	3.8	SSE	4.1	SSE	5.8	SSE	6.5	SSE	4.3	S	4.0	4.8	—	—	—	—	—	—	—
50.8	49.6	49.7	48.0	46.6	46.5	48.5	NNE	2.5	SSE	8.3	S	7.6	S	8.2	S	11.4	S	8.1	6.6	—	0.5	—	—	—	—	0.5
51.3	51.5	52.0	51.0	50.3	51.1	51.2		5.6		4.8		5.2		6.1		5.8		6.0	5.5	3.5	3.3	0.4	0.1	1.7	0.3	9.3

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		
8.6	9.0	11.1	14.3	8.5	6.0	9.6	15.0	5.9	9.1	100	100	92	76	98	100	94	10 s	10 n	9 kc, kn	10 s	10 s	9.8	2.31	3.9
8.4	12.6	16.4	18.1	15.7	14.8	14.3	18.9	5.6	13.3	64	30	28	27	28	37	36	0 —	0 —	0 —	0 —	0 —	0.0	10.80	11.4
16.7	11.3	17.6	17.9	15.3	13.2	15.3	20.7	10.9	9.8	36	66	41	44	60	71	53	3 c	3 c	10 cs	10 sc	10 sc	7.2	10.20	6.0
11.0	10.2	10.2	11.2	9.7	11.3	10.6	13.5	9.6	3.9	87	94	92	85	94	88	90	10 sk	10 sk	10 n	10 n	10 n	10.0	0.00	0.6
11.0	10.3	11.6	15.9	13.9	10.3	12.2	17.5	10.1	7.4	89	96	94	75	79	82	86	10 n	10 n	10 sk, k	10 c, sk	4 kc	8.8	2.05	2.7
8.7	11.1	19.3	19.0	14.7	11.7	14.1	20.5	8.6	11.9	89	77	48	59	66	79	70	0 —	0 —	3 cs, k	0 c	0 —	0.6	12.55	7.9
14.5	14.5	20.9	23.0	17.9	15.1	17.7	24.2	11.7	12.5	66	74	54	41	52	58	58	0 —	0 —	7 c	2 c, ck	10 cs, sc	3.8	12.25	11.0
12.8	12.0	14.6	15.1	12.7	10.8	13.0	16.0	10.6	5.4	61	74	73	76	88	100	79	10 sc, sk	10 cs	10 kc, s	10 cs, s	10 s	10.0	7.07	4.5
9.7	10.8	16.5	15.3	14.7	12.0	13.2	18.1	9.6	8.5	100	100	65	48	48	49	68	10 s	0 k	10 cs, c	3 c, cs	0 —	4.6	7.88	9.4
9.9	10.3	15.5	17.2	16.3	10.9	13.4	18.2	8.8	9.4	55	61	37	34	33	52	45	0 c	2 cs	1 c	7 c	10 sk	4.0	12.50	9.5
9.8	12.6	18.7	21.0	15.5	12.3	15.0	22.3	9.8	12.5	54	38	39	34	32	48	41	6 c	10 cs	10 c, cs	10 cs	10 cs	9.2	11.30	11.0
14.0	14.2	19.7	20.0	15.1	13.0	16.0	22.2	12.1	10.1	47	45	37	33	43	55	43	0 —	0 —	0 c	0 —	6 c	1.2	12.90	9.4
13.3	12.9	18.3	19.7	16.3	16.3	16.1	20.7	11.0	9.7	50	54	37	34	43	55	46	0 —	3 c	4 c	9 c, cs	6 c	3.8	12.10	9.9
15.7	15.4	20.7	19.6	19.0	15.6	17.7	23.2	13.6	9.6	70	72	51	57	49	55	59	7 c	2 c	8 c	10 sk	1 sk	5.6	10.00	8.9
12.3	12.3	16.9	20.3	17.6	13.7	15.5	22.0	10.3	11.7	58	71	54	42	59	74	60	7 c, kc	10 ck, c	10 c, cs	10 kc, c	10 sk	9.4	8.97	6.0
14.9	13.8	15.1	17.6	14.7	13.9	15.0	18.0	10.9	7.1	76	92	87	78	82	77	82	10 n	10 sk	10 sc	10 sc	4 cs	8.8	0.60	3.5
14.5	14.1	20.7	19.5	16.4	13.1	16.4	23.0	12.1	10.9	70	82	54	63	57	81	68	0 —	0 k	1 c	0 —	0 —	0.2	12.80	7.2
12.9	14.1	17.9	16.0	14.1	14.0	14.8	18.4	12.6	5.8	81	82	71	87	100	100	87	4 c	10 sk	10 n	10 s	10 s	8.8	3.65	2.3
13.2	13.7	19.6	23.0	22.1	17.3	18.2	24.3	13.0	11.3	100	100	61	30	24	38	59	10 s	10 c	9 sc, c, cs	10 c, cs, sc	0 —	7.8	8.90	12.0
21.4	19.1	26.0	25.9	21.6	21.5	22.6	27.8	14.4	13.4	30	35	21	21	27	23	26	0 —	6 c	10 ck	10 cs	3 cs	5.8	8.35	13.4
20.2	19.9	22.3	27.3	21.7	14.7	21.0	28.2	14.6	13.6	57	49	49	36	52	84	55	0 c	0 —	0 —	0 —	0 —	0.0	12.37	8.7
14.0	14.7	20.4	19.9	18.3	15.1	17.1	22.0	13.4	8.6	82	42	28	20	23	34	38	5 c	2 c	0 —	0 —	0 —	1.4	13.05	13.2
10.4	13.9	20.0	21.3	17.2	15.0	16.3	22.0	10.4	11.6	72	47	23	23	44	41	42	8 c	7 kc, sc	10 kc, ck	9 sc	0 —	6.8	9.95	12.0
14.2	16.5	21.5	23.4	19.3	14.0	18.2	25.0	13.0	12.0	39	35	32	33	26	74	40	0 —	0 —	0 —	0 —	0 —	0.0	12.45	12.7
15.5	16.1	20.7	22.6	19.5	16.8	18.4	23.9	13.8	10.1	45	47	36	37	36	41	40	10 c	9 c, cs	10 c, cs	10 cs, c	0 —	7.8	12.35	12.7
12.7	14.8	17.0	20.7	17.4	16.9	16.6	22.1	12.7	9.4	70	63	62	51	67	70	64	3 c	10 kc	0 ck	10 n	10 n	6.6	10.75	6.6
14.4	15.4	18.0	17.9	17.5	14.9	16.4	22.0	14.2	7.8	83	80	64	69	69	79	74	10 cs, k	10 sc, sk	10 sc, cs	7 cs, k	0 —	7.4	9.05	5.7
14.4	16.2	23.8	23.7	19.9	19.9	19.7	26.2	14.1	12.1	94	82	50	46	59	61	65	0 —	7 cs	10 ck, sc	6 cs, ck	3 cs	5.2	12.10	9.6
15.3	15.4	21.6	26.5	23.5	18.0	20.1	27.1	14.5	12.6	86	84	61	43	52	68	66	5 kc	0 c	7 c, cs	10 c	0 —	4.4	10.44	8.3
18.3	18.3	22.1	21.6	18.1	17.5	19.3	24.8	17.0	7.8	64	68	54	58	77	77	66	10 c, cs	10 cs	4 c, kc	10 sk	10 sk	8.8	9.08	8.8
16.1	16.9	21.3	21.9	19.9	15.1	18.5	23.6	15.0	8.6	83	72	54	53	61	93	69	10 sk	2 ck, kc	1 kc	1 sc	6 sk	4.0	10.05	7.7
13.5	13.9	18.6	19.9	16.9	14.3	16.2	21.7	11.7	9.9	70	68	53	49	56	66	60	5.1	5.2	6.3	6.6	4.6	5.5	288.82	256.5

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

大　連

昭和五年五月　**DAIREN.**　MAY, 1930.

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. (°C)
1	8.3	8.6	9.0	9.2	8.1	7.0	8.4	10.4	21.7	8.0	13.4	11.5	11.3	12.0	12.0	10.8	8.7	8.2	8.7	8.5	5.2	28
2	5.3	3.2	3.9	4.3	3.8	4.6	4.2	7.8	26.1	12.4	15.4	11.5	10.4	11.4	11.6	11.0	8.9	8.3	8.7	8.6	4.9	28
3	5.1	6.6	6.1	6.8	7.7	8.0	6.7	10.2	27.5	13.3	17.0	13.6	12.1	12.6	12.5	11.1	8.9	8.5	8.7	8.6	9.4	28
4	8.5	8.7	8.5	8.4	8.4	8.8	8.6	11.3	17.0	11.0	13.1	12.6	12.8	13.3	13.4	11.5	8.9	8.5	8.8	8.6	9.2	10
5	8.7	8.9	9.6	10.1	9.4	7.7	9.1	10.2	23.1	9.7	14.3	11.2	11.4	12.3	12.5	11.7	8.9	8.5	8.7	8.6	8.4	28
6	7.5	7.6	8.0	12.9	8.2	8.1	8.7	9.9	29.0	12.0	17.0	13.4	11.5	12.1	12.3	11.7	9.3	8.5	8.8	8.7	7.0	30
7	8.1	9.1	9.8	8.6	7.9	7.5	8.5	12.3	29.8	15.1	19.1	14.0	13.3	13.6	13.5	11.8	9.4	8.6	8.8	8.9	10.6	28
8	6.7	7.8	9.0	9.8	9.7	9.6	8.8	12.7	24.6	13.7	17.0	14.9	14.3	14.3	14.6	12.3	9.4	8.7	9.0	8.9	10.2	28
9	9.0	9.6	9.1	6.3	6.0	5.2	7.5	12.4	23.2	12.2	15.9	14.5	13.9	14.4	14.3	12.6	9.7	8.8	8.9	8.8	9.3	24
10	5.0	5.7	4.9	5.1	4.6	5.1	5.1	9.2	27.7	12.0	16.3	13.6	13.1	14.1	14.5	12.8	9.9	8.9	9.1	9.0	5.9	23
11	4.9	4.2	6.3	6.3	4.2	5.1	5.2	10.0	32.7	12.8	18.5	14.4	13.4	14.1	14.5	13.2	9.9	9.0	9.2	9.0	7.2	30
12	5.6	5.4	6.3	5.9	5.6	6.2	5.8	11.9	36.1	13.2	20.4	15.9	15.6	15.1	15.1	13.0	10.0	8.9	9.2	8.9	10.6	29
13	5.7	6.1	5.8	5.9	5.9	7.6	6.2	11.8	37.0	15.0	21.3	16.3	15.2	15.8	15.8	13.8	10.2	9.2	9.3	9.0	9.4	28
14	9.3	9.4	9.4	9.8	8.0	7.3	8.9	14.6	37.0	15.3	22.3	17.8	16.3	16.6	16.4	13.8	10.4	9.2	9.3	9.0	12.2	30
15	6.2	7.6	7.7	7.4	8.7	8.6	7.7	13.9	36.4	15.9	22.1	17.1	16.4	17.0	17.0	14.2	10.4	9.4	9.5	9.1	8.8	29
16	9.6	10.8	11.1	11.7	10.2	9.1	10.4	14.5	21.1	13.0	16.2	16.3	16.7	17.3	17.3	14.5	10.6	9.5	9.5	9.1	9.5	25
17	8.6	9.8	9.8	10.7	8.0	9.1	9.3	12.2	36.4	14.4	21.0	16.6	15.5	15.8	16.0	14.6	10.9	9.5	9.5	9.2	8.8	32
18	9.0	9.8	10.9	11.8	12.0	11.9	10.9	13.4	24.0	16.0	17.8	17.4	16.3	16.8	16.8	14.7	10.9	9.6	9.6	9.2	10.1	25
19	11.3	11.7	10.2	6.4	4.8	5.6	8.3	15.5	23.2	14.4	17.7	17.0	16.3	16.8	16.7	15.3	11.2	9.8	9.7	9.3	11.6	31
20	5.7	5.8	5.3	5.3	5.3	4.5	5.3	14.0	37.2	18.2	23.1	18.7	17.1	17.6	17.4	15.0	11.4	10.0	9.7	9.3	11.7	30
21	10.0	8.6	9.9	9.9	10.2	10.5	9.9	18.0	52.3	15.5	28.6	20.3	18.8	19.0	18.5	15.5	11.4	10.1	10.0	9.4	10.9	30
22	9.7	5.2	5.1	3.5	3.5	4.3	5.2	15.0	38.2	12.0	21.7	19.1	19.1	19.8	19.3	16.0	11.6	10.1	10.0	9.4	9.8	30
23	6.8	5.5	4.1	4.3	6.4	5.3	5.4	15.0	41.9	12.0	23.0	17.8	17.4	18.6	18.6	16.5	11.9	10.3	10.0	9.6	8.5	30
24	4.7	4.9	6.0	7.1	4.3	8.8	6.0	14.6	49.4	15.0	26.3	18.7	17.6	18.6	18.4	16.3	11.9	10.3	10.0	9.5	10.8	30
25	5.9	6.4	6.5	7.4	6.2	5.9	6.4	16.2	41.1	17.0	24.8	19.1	18.6	19.4	19.1	16.5	12.2	10.5	10.2	9.6	12.6	30
26	7.6	7.9	8.9	9.4	9.9	10.1	9.6	14.9	46.0	18.2	26.4	19.2	18.6	19.3	19.1	16.8	12.4	10.5	10.3	9.7	11.0	30
27	10.1	10.4	9.9	10.6	10.3	9.9	10.2	16.0	26.8	15.0	19.3	18.3	18.6	19.3	19.1	17.4	12.4	10.7	10.4	9.7	12.5	30
28	11.5	11.2	11.0	10.2	10.2	10.5	10.8	14.6	36.5	19.2	23.4	19.3	19.8	19.4	19.4	17.0	12.6	10.8	10.5	9.7	12.0	34
29	11.1	11.0	11.7	11.2	11.3	10.4	11.1	17.2	46.0	18.0	27.1	20.1	19.9	19.9	19.4	17.0	12.9	11.0	10.5	9.9	13.6	35
30	10.0	10.8	10.7	10.3	11.9	11.4	10.9	19.0	44.2	19.9	27.7	21.2	20.5	20.8	20.4	17.3	12.9	11.1	10.6	9.9	15.1	36
31	11.3	10.4	10.3	10.2	10.5	11.8	10.8	16.6	43.6	18.0	26.1	20.3	20.2	20.8	20.6	17.6	13.0	11.3	10.8	10.0	14.0	30
平均 Mean	8.0	8.0	8.2	8.3	7.8	7.9	8.0	13.4	33.4	14.4	20.4	16.5	15.9	16.4	16.3	14.3	10.8	9.6	9.6	9.2	10.0	28

記　事 REMARKS.

日 Day	記事 REMARKS.
1	-☰°-☰17h00-☰°9h10-9h40.☰°17h30-☰1 17h55-☰°19h00-☰1 19h35-☰2 19h53-☰1 20h27-☰°21h00-23h30.
2	♒°4h15-
3	⊕°p. -♒°-18h20.
4	●°10h06-●1 16h03-●°17h20-20h16.●°21h45-●1 21h53-●°22h18-23h25.
5	▲°.⊕°p. ●°5h16-11h18.
6	▲°,∞°a.
7	⊕°p.
8	⊕°a. ☰°19h30-
9	⊕°p. -☰°-6h30.
10	
11	⊕°a.♡°,♡1p.
12	♡°p.
13	♡°.⊕°p.
14	
15	
16	☰°5h48-7h20.●°0h18-●1 0h32-●°1h55-5h26.●°8h06-8h55.
17	
18	●°13h50-17h46.☰°14h15-☰1 15h35-
19	⊕1a.⊕°,♏°p. -☰1-☰°7h10-8h00.
20	∞1a.
21	
22	
23	
24	♂°p.
25	⊕1p.
26	●°17h48-18h50.●°21h50- ♐°19h30-20h30.
27	-●°-0h20.●°2h45-4h55.
28	∞°a.♂°,♐1p.
29	♐1a.
30	
31	●°3h20-4h30.

營口
YINGKOW.

昭和五年五月 MAY, 1930.

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 PRECIPITAION. (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	合計 Total
62.7	61.6	62.5	61.5	60.1	59.9	61.4	S	2.2	S	1.8	SW	2.5	SW	3.4	SSW	4.1	S	2.9	2.8	—	—	0.5	1.2	0.4	—	2.1
57.8	58.0	56.0	54.1	52.3	54.3	55.4	S	3.3	S	3.8	SSW	6.8	SSW	8.5	SSW	6.1	SW	3.0	5.4	—	—	—	—	—	—	—
56.2	57.3	57.9	57.1	57.3	58.3	57.4	SE	0.9	SE	1.8	S	3.7	SW	3.8	SSW	4.9	SSE	2.1	3.6	—	—	—	—	—	—	—
60.3	60.8	61.4	59.9	59.3	59.7	60.2	E	0.8	SE	1.6	S	2.5	S	1.4	W	2.2	W	1.5	1.9	—	—	—	—	—	—	—
59.3	59.4	59.8	58.9	59.0	60.5	59.5	S	1.8	W	4.4	N	4.2	N	4.1	NNE	2.3	NW	1.6	2.4	—	3.8	0.2	—	—	—	4.0
61.2	61.6	62.3	59.9	58.9	59.1	60.5	SSW	1.9	S	2.6	SW	4.9	SW	7.0	SW	5.9	SSW	5.6	4.5	—	—	—	—	—	—	—
58.3	57.8	57.8	56.1	54.6	54.8	56.6	S	4.9	S	9.3	SSW	11.4	SSW	11.1	SW	7.0	S	8.2	8.4	—	—	—	—	—	—	—
54.4	54.3	53.4	51.3	51.4	52.1	52.8	S	7.0	SSE	5.3	SSE	8.9	SSE	6.3	SSE	5.8	SE	5.3	6.5	—	0.6	2.0	0.6	—	0.3	3.5
53.4	53.6	55.6	55.3	56.4	58.1	55.4	WSW	1.9	NNE	5.9	N	5.7	N	6.0	NNE	8.2	NNE	3.4	4.7	—	—	—	—	—	—	—
58.1	58.4	60.8	59.7	59.1	61.1	59.5	NNW	3.3	NW	4.7	N	4.3	N	5.2	NNE	3.9	W	1.8	3.7	—	—	—	—	—	—	—
61.1	61.0	59.8	57.8	56.8	57.9	59.1	S	1.8	SSE	2.6	S	6.7	S	6.6	S	7.6	S	5.9	5.2	—	—	—	—	—	—	—
57.2	56.9	58.2	57.1	57.0	58.6	57.5	S	5.8	S	5.5	S	10.4	SSW	9.3	SSW	8.9	S	3.4	7.6	—	—	—	—	—	—	—
58.7	59.4	60.3	59.4	58.7	60.3	59.5	SSE	3.5	S	5.3	S	8.3	SSW	7.1	SSW	5.3	SE	2.6	5.6	—	—	—	—	—	—	—
60.8	60.8	62.0	61.8	61.8	64.5	62.0	SE	4.3	S	5.8	SSW	7.6	SSW	6.0	SSW	5.8	NNE	3.9	5.3	—	—	—	—	—	—	—
64.2	62.7	62.9	60.9	60.6	60.3	61.9	NNE	3.7	NNE	3.3	W	2.5	W	4.3	WSW	2.9	SE	3.2	3.3	—	—	—	—	0.0	2.0	2.0
60.3	60.1	60.8	60.1	59.8	60.8	60.3	S	1.8	S	5.7	SSW	5.5	SSW	4.4	SSW	3.7	S	5.3	3.8	—	—	—	—	—	—	—
60.6	60.2	60.2	59.1	58.3	59.7	59.7	S	5.3	S	5.3	S	9.0	SSW	9.9	S	9.0	S	3.4	6.6	—	—	—	—	—	—	—
60.1	60.1	60.5	58.3	56.4	57.2	58.8	SSE	2.4	SSE	3.2	S	7.6	SSW	6.7	SSW	4.8	S	4.4	5.0	—	—	—	—	—	—	—
56.4	57.3	56.4	54.3	54.3	55.3	55.7	SW	4.1	SW	1.8	SSW	2.4	SW	3.5	SW	4.1	SSW	3.5	3.4	—	—	—	—	—	—	—
54.9	54.7	53.9	51.8	50.9	52.0	53.0	S	2.2	S	2.6	S	5.7	S	6.2	S	5.2	S	2.5	4.3	—	—	—	—	—	—	—
52.3	53.1	53.4	52.3	51.6	55.2	53.0	N	1.3	NNE	1.9	N	3.5	W	2.1	W	3.2	N	4.9	2.8	—	—	—	—	—	—	—
56.0	57.2	59.7	59.4	59.3	61.0	58.8	N	5.7	N	3.5	N	6.0	NNW	6.9	NW	5.3	NE	0.6	5.0	—	—	—	—	—	—	—
62.1	63.2	63.6	62.6	62.5	63.8	63.0	WSW	2.2	NW	1.8	NW	5.8	W	5.8	SW	4.1	SW	1.8	3.7	—	—	—	—	—	—	—
64.0	63.9	63.8	62.0	60.5	60.7	62.5	WSW	3.6	S	3.0	SW	4.1	SSW	4.8	SSW	4.5	S	3.8	3.8	—	—	—	—	—	—	—
59.8	59.0	59.8	58.3	57.4	58.7	58.8	SSE	5.3	S	5.9	S	10.0	S	10.5	S	5.8	SE	3.7	6.9	—	—	—	—	—	—	—
58.2	58.1	58.4	56.4	56.2	57.0	57.4	SE	4.0	SE	5.5	S	5.9	S	6.6	S	4.4	SE	2.6	5.3	—	—	—	0.0	—	—	0.0
56.9	56.7	56.9	55.6	55.5	56.4	56.3	SE	5.3	SE	3.0	S	7.0	S	6.7	S	6.1	SSE	2.3	5.5	—	—	—	—	—	—	—
56.3	56.8	56.4	55.1	52.1	54.2	55.2	SSE	1.3	SSE	1.8	S	7.8	S	6.7	S	6.8	S	5.7	4.5	—	—	—	—	0.0	4.1	4.1
54.7	57.8	59.2	58.4	57.8	59.0	57.8	SW	3.7	SW	1.0	SW	4.4	W	4.3	SSW	4.1	W	1.9	3.3	0.1	—	—	—	—	—	0.1
59.3	59.7	59.1	58.4	57.2	57.4	58.5	SE	1.3	SE	1.2	SSW	3.1	SW	4.6	S	4.7	SE	2.6	2.4	—	—	—	—	—	—	—
57.8	56.0	55.7	54.2	52.7	53.0	55.0	S	5.8	S	0.0	SSE	6.4	SSE	9.5	SSE	9.4	SSE	5.3	6.0	0.0	0.5	—	—	—	—	0.5
58.5	58.6	59.0	57.6	57.0	58.1	58.1		3.3		3.6		6.0		6.3		5.4		3.5	4.6	0.1	4.9	2.7	1.8	0.4	6.4	16.3

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		
9.9	9.7	10.6	10.0	9.1	9.6	9.8	12.0	8.5	3.5	92	94	94	93	91	93	93	10 s, kc	10 n	10 n	10 c	10 cs	10.0	1.60	2.5
9.2	9.0	13.6	15.0	12.9	11.4	11.9	15.6	8.0	7.6	75	77	45	42	45	67	59	10 cs	0 —	0 —	10 c	0 —	4.0	11.50	6.4
8.1	6.9	21.1	20.1	18.5	15.5	15.0	21.7	5.7	16.0	83	83	32	33	41	44	53	0 —	10 c	4 c	10 cs	10 cs	6.8	12.10	6.4
12.2	12.6	17.0	18.9	16.6	13.8	15.2	19.5	11.3	8.2	69	74	64	56	63	80	68	10 sc	10 sc	10 cs, kn	10 kc	10 sk	10.0	4.40	3.9
12.7	12.2	16.7	20.2	18.0	15.0	15.8	20.7	11.2	9.5	84	97	76	47	53	65	70	10 n	10 ck, sk	10 c, ck	10 kc	10 kc	10.0	5.80	4.4
11.9	11.2	16.6	18.4	16.7	15.1	15.0	20.0	10.5	9.5	65	86	57	47	44	65	61	0 —	0 —	2 c	3 c	7 kc, cs	2.4	13.10	10.1
15.5	16.7	19.0	20.0	21.3	21.0	18.9	23.0	14.4	8.6	56	58	60	53	43	44	52	0 —	0 —	0 —	10 cs	10 cs	4.0	12.75	9.0
18.6	15.6	17.3	18.0	16.3	14.4	16.7	21.5	12.7	8.8	54	67	58	68	66	75	65	10 n	10 sc, cs	10 sk	10 km, sk	2 km	8.4	5.97	5.3
13.8	11.4	13.4	15.2	12.1	9.5	12.6	16.6	9.2	7.4	86	80	84	47	51	60	63	10 sc	7 s, k	10 sk	0 —	0 —	5.4	8.04	5.2
9.4	10.2	16.4	19.2	18.3	12.9	14.4	20.1	8.0	12.1	60	55	36	29	32	67	47	0 —	10 c, cs	2 c	3 c	0 —	3.0	13.20	7.3
10.4	9.8	16.7	18.4	16.5	15.3	14.5	19.0	7.6	11.4	69	64	48	43	45	40	52	0 —	0 —	5 c	10 cs, c	0 —	3.0	12.60	8.6
15.1	15.3	19.2	20.3	17.8	14.4	17.0	21.0	13.8	7.2	39	48	37	25	26	53	40	3 c	0 —	0 —	10 cs	3 c	3.2	13.32	10.6
14.6	14.2	22.5	23.6	20.1	15.3	18.4	24.7	11.4	13.3	47	57	27	34	40	46	42	0 —	0 c	0 c	10 c	4 c	2.8	13.60	9.8
15.2	17.3	21.9	22.5	20.2	16.0	18.9	24.8	14.0	10.8	35	57	56	59	49	54	52	10 cs, c	1 c	10 c	10 cs	10 ck	8.2	12.30	7.4
13.8	13.6	18.6	19.6	16.5	13.7	16.0	22.1	13.0	9.1	70	76	56	43	52	90	65	10 kc	10 sc, kc	10 sc, c	10 n, sk	10 sk, n	10.0	6.30	5.2
13.3	14.3	16.5	19.6	18.2	14.2	16.0	21.4	12.3	9.1	84	86	80	60	61	90	77	10 sk	10 sc	10 sc, cs	10 c	0 —	8.0	9.61	5.7
15.0	15.0	19.0	21.3	18.6	16.7	17.6	22.1	13.5	8.6	80	76	64	57	44	68	65	0 —	0 —	0 —	0 —	0 —	0.0	13.50	8.5
13.8	13.3	21.2	21.7	18.4	17.8	17.7	23.4	11.4	12.0	62	85	46	54	73	86	68	8 c	0 —	10 c, cs	10 sc	10 sc	7.6	12.70	8.6
16.3	14.2	17.5	24.7	20.2	17.2	18.4	26.2	13.5	12.7	98	93	65	31	45	50	64	10 sc	3 ck, c	0 c	0 —	0 —	2.6	12.70	8.8
14.3	14.8	22.1	25.7	20.7	17.3	19.2	26.3	13.2	13.1	64	64	33	22	40	53	46	0 —	0 —	0 c	10 c	0 —	2.0	14.30	9.6
13.3	13.6	25.5	28.0	25.0	17.3	20.5	28.8	11.8	17.0	70	44	22	21	28	31	36	0 —	0 —	0 —	0 —	0 —	0.0	13.95	10.3
14.0	10.5	18.1	20.5	19.4	13.0	15.9	21.1	9.7	11.4	39	44	23	21	28	48	34	2 k	0 —	0 —	0 —	0 —	0.4	14.25	8.6
14.4	12.0	20.4	22.3	18.6	14.6	17.1	22.9	11.3	11.6	65	59	28	24	44	71	49	0 —	10 cs, ck	8 ck, k	0 —	0 —	3.6	14.30	8.0
15.1	14.1	21.3	23.6	19.3	17.3	18.5	24.0	12.1	11.9	56	67	36	23	38	42	44	0 —	0 c	0 —	7 c, ck	0 —	1.4	13.90	11.5
18.2	18.3	22.3	22.3	20.8	18.0	20.0	23.8	16.5	7.3	40	41	34	30	40	40	38	6 cs	10 c, cs	0 —	10 c	0 —	5.2	13.20	11.6
16.0	16.2	22.1	24.7	20.9	18.4	19.7	25.2	15.1	10.1	45	47	30	31	52	54	43	10 kc	10 sk	1 c	10 sc	10 sc, sk	8.2	7.77	9.5
17.4	16.6	21.7	24.3	19.3	17.3	19.4	24.8	15.6	9.2	61	71	55	42	60	79	61	10 cs, kc	10 cs	10 c	10 sc	0 —	8.0	8.65	8.7
16.1	14.2	23.7	24.1	24.5	18.7	20.2	26.6	13.1	13.5	78	81	46	48	51	80	64	0 —	9 c, cs	10 sc, sk	10 sk, kn	10 kn	7.8	9.29	8.3
17.8	15.4	21.0	24.0	21.7	18.4	19.7	25.7	14.6	11.1	90	92	63	55	64	83	75	0 —	0 —	0 —	10 c	0 —	2.0	14.00	7.4
14.8	14.5	26.3	28.3	26.2	21.7	22.0	29.4	13.4	16.0	92	84	37	35	42	47	56	10 c, cs	10 cs, sc	10 cs	10 sc, cs	10 sc	10.0	12.20	8.5
20.4	19.1	25.5	28.0	24.7	20.9	23.1	28.8	17.3	11.5	60	78	39	32	36	52	50	10 sk	4 kc	10 cs, c	10 cs, sk	0 —	6.8	8.97	9.8
14.2	13.6	19.5	21.4	18.9	15.9	17.3	22.7	12.1	10.6	67	70	48	42	48	62	56	5.1	5.0	4.9	7.5	4.1	5.3	339.90	245.5

* 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

昭和五年五月 **MUKDEN.** MAY, 1930.

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	57.7	57.4	57.9	56.3	54.8	51.7	56.5	SSW	5.8	SW	6.5	SW	4.6	W	2.5	SSW	7.1	SW	7.5	5.2	—	—	1.8	3.5	1.0	—	6
2	53.1	51.4	49.9	48.4	47.9	50.2	50.2	SW	4.0	SSW	5.4	WSW	11.9	WNW	9.7	WSW	5.6	SW	2.3	6.8	—	—	—	—	—	—	
3	51.8	53.2	53.6	51.6	52.5	56.0	23.1	SW	3.0	SW	2.5	S	3.0	SSW	9.6	WSW	7.6	N	4.0	4.8	—	—	—	—	—	—	
4	56.5	56.9	57.5	55.9	54.4	54.8	55.0	SE	4.4	ESE	2.9	E	0.8	ESE	0.8	NNE	2.1	NNE	2.6	2.1	—	—	—	—	—	—	
5	54.5	54.9	55.7	54.3	54.1	55.6	54.9	SE	0.8	WNW	2.5	WSW	2.9	N	2.8	NNW	2.7	SW	1.0	2.6	—	—	0.0	—	—	—	0
6	55.9	56.7	56.7	54.2	53.3	53.9	55.1	N	2.6	W	1.1	WSW	4.2	WSW	9.2	SW	10.3	SW	5.9	5.8	—	—	—	—	—	—	
7	53.5	53.2	52.4	49.6	48.9	49.5	51.2	S	6.0	S	6.7	SSW	12.2	SW	22.7	SW	17.0	S	9.1	11.3	—	—	—	—	—	—	
8	49.0	49.3	49.2	47.7	47.7	47.9	48.5	SSW	8.9	SSW	8.4	S	11.2	SE	14.0	SSE	9.5	SE	8.2	9.7	—	—	0.0	—	1.4	6.6	8
9	48.4	49.2	50.3	50.6	51.5	52.0	50.3	SW	4.7	NW	5.0	NW	5.4	NW	5.8	NNW	7.0	NW	3.6	5.2	—	—	—	—	—	—	
10	52.3	53.6	55.7	55.1	55.1	56.3	54.7	NNW	2.4	NNW	3.6	N	4.7	NNE	6.1	NNE	3.7	NE	2.0	3.9	—	—	—	—	—	—	
11	56.5	56.6	54.7	52.0	50.8	52.5	53.9	SE	3.1	SSE	2.3	SSW	8.5	SW	11.0	SW	10.6	SW	10.5	7.0	—	—	—	—	—	—	
12	51.5	51.0	51.7	51.4	51.8	54.1	51.9	SSW	10.1	SSW	9.8	SW	13.9	W	17.5	WSW	12.0	SW	8.5	11.7	—	—	—	—	—	—	
13	54.3	54.7	55.0	53.6	53.2	55.4	54.4	SE	5.8	S	5.5	SW	12.7	SW	13.7	WSW	12.7	SSW	4.0	8.8	—	—	—	—	—	—	
14	55.4	56.2	56.1	55.8	57.5	60.8	57.0	S	7.2	S	5.0	SW	14.9	WSW	15.6	NW	6.7	NNE	5.3	9.7	—	—	—	—	—	—	
15	60.5	59.0	58.3	56.2	56.0	55.7	57.6	NW	3.6	E	1.6	NE	4.1	W	7.9	W	2.6	S	5.1	3.3	—	0.1	0.0	—	0.0	0.3	0
16	55.0	54.8	55.3	54.9	54.5	55.4	55.0	WSW	4.0	SW	7.1	NW	8.1	NW	6.8	WNW	3.5	WSW	5.8	5.6	0.0	—	—	—	—	—	0
17	55.2	54.7	54.4	52.4	52.6	54.4	54.0	SW	6.2	SSW	6.8	SSW	14.1	SW	18.7	SW	12.7	SW	9.1	11.1	—	—	—	—	—	—	
18	54.8	55.1	54.6	52.2	50.3	52.3	53.2	SSW	6.7	SSW	7.2	SW	14.2	WSW	13.7	SSW	9.9	SW	7.4	9.5	—	—	—	—	—	—	
19	51.7	51.9	51.5	49.5	49.0	50.2	50.6	WNW	3.7	SW	3.1	NNW	3.6	NW	7.5	NW	7.6	NNW	1.8	5.0	—	—	—	—	—	—	
20	49.9	49.5	47.9	45.7	46.5	48.8	48.1	SSW	3.5	SSW	5.6	SW	11.0	WSW	13.1	NNW	4.7	NE	3.5	6.7	—	—	—	—	—	—	
21	49.3	49.3	49.5	48.2	48.7	51.9	49.5	NE	4.3	ENE	2.9	NNW	1.4	N	2.8	N	6.2	NNE	4.0	4.0	—	—	—	—	—	—	
22	52.7	53.6	54.6	51.4	51.6	56.1	54.3	N	5.8	N	3.4	NNW	5.9	NW	9.3	NNW	5.0	WSW	1.4	5.1	0.0	—	—	—	—	—	0
23	56.7	58.4	59.0	57.5	57.6	53.9	58.0	ENE	2.2	SE	1.1	NNW	4.2	NW	5.7	NNW	5.5	NNE	1.5	2.9	—	—	—	—	—	—	
24	59.1	59.1	58.7	56.9	55.1	55.9	57.5	SSW	3.3	SW	2.0	NW	4.1	NNW	4.3	WNW	1.6	SW	4.3	3.2	—	—	—	—	—	—	
25	55.5	55.0	54.5	52.9	53.0	54.2	54.2	SE	4.4	SE	3.9	SW	14.5	SSW	10.1	SSW	11.1	S	8.3	8.4	—	—	—	—	—	—	
26	53.4	52.9	53.9	51.6	51.5	52.1	52.6	S	6.2	S	7.4	SW	8.2	S	11.1	SSW	7.5	S	7.9	8.7	—	—	1.5	0.0	—	0.1	1
27	51.8	52.1	52.1	50.6	49.5	51.3	51.2	S	5.8	S	6.1	SW	8.1	SW	8.5	WSW	10.0	WSW	5.8	7.7	—	—	—	—	—	—	
28	51.6	52.1	51.7	49.4	48.3	51.3	50.7	SW	3.2	SSE	3.9	SSW	7.6	WSW	10.7	WNW	6.7	S	5.4	6.8	—	—	—	—	0.0	5.1	5
29	51.3	53.3	54.1	53.3	52.8	54.3	53.2	NNW	0.9	WNW	1.7	WSW	3.6	WNW	6.2	WNW	3.7	WSW	1.2	2.6	—	—	—	—	—	—	
30	54.4	55.2	55.7	54.1	52.6	53.1	54.2	SSW	3.3	S	1.6	SW	6.6	SW	6.0	WSW	4.4	S	1.8	4.0	—	—	—	—	—	—	
31	53.4	52.7	50.6	48.8	47.7	47.9	50.2	SSW	3.9	SSE	6.8	S	8.6	SSW	14.1	SSW	11.1	SSW	9.3	7.9	—	0.0	0.2	—	—	—	0
平均 Mean	53.8	54.0	54.0	52.4	52.1	53.5	53.3		4.5		4.5		7.7		9.6		7.4		5.1	6.4	0.0	0.1	3.5	3.5	2.4	12.1	21

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 EVAPORATION (粍)
1	10.9	11.2	10.0	10.6	10.5	9.7	10.5	11.9	9.5	2.4	78	75	99	75	90	96	86	10 s	10 n	10 n, s	10 sc	10 s, sc	10.0	0.20	1
2	8.9	7.3	14.6	17.5	15.2	10.5	12.3	18.4	6.8	11.6	97	84	49	22	42	72	61	10 sc, s	10 sc	10 sc, s	10 cs, sc	10 s	10.0	6.92	7
3	6.9	6.5	20.1	25.2	19.9	14.9	15.6	25.9	3.8	22.1	85	82	23	22	41	54	51	0 —	0 —	0 —	9 cs, ck	5 c, cs	2.8	11.90	10
4	10.9	11.6	16.9	20.6	19.9	16.6	16.1	20.9	10.1	10.8	42	73	65	51	52	58	57	10 sc, s	10 s, sc	10 sc, s	10 ck, cs	10 sc, s	10.0	4.00	4
5	14.6	13.2	16.1	21.2	20.4	13.8	16.6	22.0	12.7	9.3	63	82	63	28	30	75	57	10 sc, s	10 s, sc	10 cs, ck	10 ck, cs	8 kc, s	9.6	4.10	6
6	13.4	10.6	20.3	23.8	20.0	13.8	17.0	24.4	10.0	14.4	46	76	38	29	37	63	48	6 kc	0 —	1 cs, sk	9 kc, ck	0 —	3.2	11.33	11
7	13.1	14.4	22.7	27.6	23.7	18.7	20.0	28.1	11.7	16.4	70	68	46	30	34	55	51	10 c	4 c	0 —	9 c, cs	10 sc, cs	6.6	12.05	14
8	18.7	16.1	18.0	17.4	15.5	13.7	16.6	21.7	13.2	8.5	54	59	59	53	70	83	64	10 s, sc	10 s, sc	10 s, sk	10 s, kn	9 s	9.8	4.50	6
9	13.4	9.6	9.5	8.8	7.9	8.5	9.6	13.7	7.6	6.1	90	90	76	79	86	78	83	10 s	10 s, sk	10 s, sk	10 s, sk	10 sc, s	10.0	0.00	3
10	8.8	9.0	13.1	16.6	16.1	9.3	12.2	17.4	8.3	9.1	80	77	56	40	39	76	61	9 sk, kc	5 sk	10 cs, sk	10 cs, s	5 cs, s	7.8	11.18	6
11	6.4	8.3	19.5	25.7	21.4	14.8	16.0	25.9	5.0	20.9	95	85	39	24	33	58	56	0 —	0 cs	10 c, cs	8 cs, s	8 kc, s	5.2	12.60	13
12	13.9	14.8	20.5	25.1	20.6	15.6	18.4	25.5	13.6	11.9	53	48	37	28	34	36	39	10 s	10 sc, s	0 c	8 c, cs	0 —	5.5	7.48	14
13	11.8	15.1	24.2	28.8	24.6	16.3	20.1	29.4	11.4	18.0	60	44	26	21	29	47	38	0 —	0 —	0 —	1 cs	10 kc	2.2	12.90	17
14	17.0	16.5	26.0	28.3	22.8	13.8	20.7	28.8	13.8	15.0	37	46	42	37	39	74	46	8 ck, cs	0 cs	10 c, cs, sk	10 s, sc	10 s	7.6	10.59	11
15	13.2	13.7	15.5	20.8	15.1	14.2	15.4	21.5	12.7	8.8	81	83	79	46	73	80	74	10 s	10 s	10 s	10 s, sk	10 n	10.0	1.10	5
16	12.7	13.4	20.3	23.7	23.1	15.9	18.2	24.0	11.6	13.0	92	80	39	22	25	54	52	10 sc	8 c, cs	7 c	2 c, sk	0 —	5.4	11.75	12
17	13.0	14.5	24.0	27.4	23.6	17.3	20.0	28.0	13.0	15.0	90	70	39	24	33	51	51	0 —	0 —	0 —	0 —	0 —	0.0	12.80	16
18	14.4	16.3	23.9	27.8	23.9	18.6	20.8	28.2	13.6	14.6	71	46	34	25	39	70	48	0 —	0 —	6 c	10 cs, s	7 s	4.6	11.43	13
19	16.3	15.5	21.1	24.6	23.6	17.3	19.7	25.4	15.1	10.3	88	88	42	23	25	43	52	8 ck, s, kc	2 ck, sk	0 sk	0 —	0 —	2.0	10.76	12
20	10.4	13.7	26.8	29.9	26.4	21.7	21.5	30.4	9.4	21.0	74	50	23	18	26	30	37	0 —	0 —	0 —	10 s, cs	10 s, cs	4.0	11.40	13
21	17.5	15.9	23.7	26.0	20.8	15.9	20.0	26.2	14.0	12.2	28	39	23	23	25	34	29	9 ck, sk	0 sk	0 —	7 cs, ck	9 s	5.0	9.97	14
22	14.4	13.4	17.2	18.0	17.9	10.6	15.3	19.3	10.5	8.8	30	33	25	27	29	59	34	7 c	2 ck	10 sk, s	2 sk	0 —	4.2	13.03	10
23	8.2	8.0	17.9	20.2	19.6	13.7	14.8	22.0	5.3	16.7	71	66	36	27	27	48	46	0 —	5 sk, k	7 k, sk	9 sk, kc	0 —	4.2	11.34	9
24	7.2	11.3	22.3	24.9	24.9	14.6	17.5	26.4	7.1	19.3	66	69	26	25	21	44	42	0 ck	10 cs	10 cs, sk	10 c, cs	0 —	6.0	12.65	12
25	12.1	15.1	26.1	28.3	24.1	18.3	20.7	28.5	11.2	17.3	53	53	31	31	39	40	41	3 s, c, ck	9 ck, cs	6 c, sk	10 c, cs	0 —	5.6	10.38	15
26	16.6	18.2	20.7	23.8	22.3	18.3	20.0	24.7	15.7	9.0	42	37	43	35	35	46	40	10 ck, s	10 sc, s	10 cs	9 s, kc, kn	10 s, kn	9.8	4.18	13
27	16.0	17.4	24.6	27.4	24.5	18.1	21.3	28.6	16.0	12.6	46	70	49	45	52	69	55	7 cs, c	4 sk	2 sk	9 kc, sk	10 cs	6.4	11.26	13
28	15.4	16.4	26.5	29.6	26.0	17.4	21.9	30.7	13.4	17.3	84	80	43	35	52	85	63	2 cs, c	5 c, cs	10 cs	10 kn	10 s, kn	7.4	9.17	13
29	14.8	15.9	21.8	27.3	27.3	18.3	20.9	28.7	13.4	15.3	99	82	67	37	31	91	68	0 —	0 —	4 sk, k	1 c	0 —	1.0	12.30	10
30	14.2	17.0	26.3	29.4	27.7	20.4	22.5	30.4	13.5	16.9	99	85	49	40	37	68	63	0 —	7 cs, c	10 c, cs	10 cs, sc	10 cs	7.4	11.42	10
31	18.5	18.1	23.7	28.3	25.4	20.7	22.5	28.8	18.1	10.7	72	73	46	32	38	46	51	10 n	10 s	10 cs	10 ck, s	7 s	9.4	5.27	11
平均 Mean	13.0	13.5	20.4	23.7	21.1	15.5	17.9	24.7	11.3	13.4	69	68	46	34	41	61	53	5.8	5.2	6.2	7.8	6.1	6.2	279.87	312

* 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.

昭和五年五月　　MAY, 1930.

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	41.1	39.7	39.4	38.4	36.7	37.2	38.8	SSW	5.8	S	5.8	WSW	10.2	SSW	9.6	SSW	7.2	SW	7.6	7.4	—	—	0.0	0.0	—	—	0.0
2	34.7	33.2	31.2	30.4	30.8	33.3	32.3	SSW	7.6	SSW	7.3	W	12.3	W	16.3	W	15.3	W	6.5	10.9	—	—	—	—	—	—	—
3	33.8	34.8	37.5	34.6	35.1	41.5	32.2	W	3.8	W	4.7	W	9.9	WSW	9.3	N	11.1	N	4.1	7.0	—	—	—	—	—	—	—
4	42.3	43.3	43.9	41.8	40.8	41.3	46.2	—	0.0	NNE	0.6	ENE	5.3	E	6.4	ENE	3.0	NE	4.4	3.3	—	—	—	—	—	—	—
5	40.2	39.9	39.9	38.4	38.4	39.2	39.3	NNE	2.9	N	1.8	NE	1.4	NE	0.8	NNE	3.9	—	0.3	1.8	—	—	—	—	—	—	—
6	39.0	39.5	38.6	36.3	34.8	35.0	37.2	SW	2.6	W	3.5	W	5.5	WSW	10.5	SW	9.0	SW	10.5	7.3	—	—	—	—	—	—	—
7	35.6	37.1	37.6	35.3	34.3	35.2	35.9	SW	9.3	WSW	7.0	NW	2.3	ENE	5.5	ENE	7.0	E	5.8	6.0	—	—	—	—	—	—	—
8	33.8	32.5	32.9	31.1	31.2	33.4	32.5	ESE	4.7	SE	3.8	SSW	3.5	SW	6.1	S	2.3	SSW	5.5	4.1	—	0.1	5.5	0.3	0.6	18.4	24.9
9	33.0	32.3	32.3	31.9	32.6	34.3	32.7	—	0.0	E	2.9	S	2.0	SSE	2.5	NE	8.2	NNE	5.3	3.6	5.0	1.7	—	5.1	0.1	0.5	12.4
10	34.3	36.2	38.6	38.9	38.9	40.0	37.8	NNE	5.0	NNE	5.5	NNE	7.0	NE	3.6	N	1.4	S	5.3	4.4	3.8	0.4	—	—	—	—	4.2
11	39.8	39.7	38.3	35.1	34.4	34.3	36.9	S	3.8	S	4.1	SSW	7.6	SW	8.2	SSW	4.7	SSW	7.6	5.5	0.2	0.1	—	—	—	—	0.3
12	33.4	32.6	34.0	35.1	36.0	38.1	34.9	SSW	6.7	SW	8.2	W	11.7	W	4.1	WNW	2.9	ENE	4.1	5.8	—	0.0	—	—	—	—	0.0
13	38.5	39.2	39.4	37.1	36.3	37.3	38.0	SE	2.9	S	3.8	S	6.1	SSW	7.9	SW	9.3	SSW	5.3	6.1	—	—	—	—	—	—	—
14	37.3	37.8	38.7	39.8	41.7	43.8	39.9	SSW	7.1	SSW	12.3	S	16.3	W	9.3	W	6.4	NNE	6.4	9.7	—	—	—	—	—	—	—
15	45.2	45.4	44.5	40.5	39.0	39.7	42.4	ENE	1.0	ENE	2.6	SSE	2.9	SSE	1.5	WSW	5.0	WSW	5.0	4.1	—	—	1.8	9.7	4.3	2.1	17.9
16	39.4	37.6	37.1	37.0	37.2	38.2	37.8	WSW	2.6	WSW	9.5	W	8.2	WNW	11.7	W	5.0	SW	3.2	6.5	—	0.1	0.1	—	—	—	0.2
17	38.4	39.2	38.7	36.4	35.6	35.7	37.3	SW	3.8	SW	2.6	SW	4.1	W	2.6	WSW	4.2	SW	7.0	4.1	—	—	—	—	—	—	—
18	36.4	37.0	36.7	34.3	32.8	33.8	35.2	SW	8.8	W	12.0	SW	16.3	WSW	14.6	WSW	8.9	SW	12.3	12.4	—	—	—	—	—	0.0	0.0
19	34.1	35.3	34.0	32.8	31.6	32.5	33.4	SW	10.2	WSW	3.5	W	11.1	W	12.8	W	7.6	WSW	3.5	8.1	—	—	—	—	—	—	—
20	32.1	32.1	29.4	28.7	30.0	31.8	30.7	SW	3.8	SW	5.8	SW	8.8	SW	13.4	W	14.8	W	5.8	8.7	—	—	—	—	—	—	—
21	34.0	35.5	34.9	34.1	34.0	35.4	34.7	W	1.0	SW	5.9	W	8.2	W	11.1	W	7.9	WNW	1.3	5.7	—	—	—	—	—	—	—
22	35.3	36.2	36.9	37.0	38.4	39.6	37.2	WSW	0.7	W	6.4	W	8.5	WNW	6.7	WNW	5.8	W	3.2	5.3	—	—	—	—	3.2	0.7	4.0
23	39.7	41.4	41.9	40.4	41.6	42.6	41.3	W	4.4	W	2.9	W	3.3	W	3.2	W	3.2	W	3.0	3.5	—	—	—	0.0	—	—	0.0
24	42.4	42.3	41.9	40.6	39.9	40.6	41.3	W	3.5	W	4.1	W	4.7	NW	4.7	NNW	3.2	SSE	2.5	3.8	—	—	—	0.0	—	—	0.0
25	40.4	39.9	39.2	38.3	36.4	37.6	38.6	SSE	4.4	—	0.0	S	8.8	SSW	8.2	S	6.4	S	3.8	6.0	—	—	—	—	—	—	—
26	37.0	36.9	37.1	35.3	34.0	34.5	35.8	SSE	7.9	SSE	9.9	SSW	7.3	S	9.3	S	7.6	S	5.8	8.1	—	—	0.6	0.0	—	—	0.6
27	34.3	34.6	34.5	34.0	32.9	35.4	34.3	SSE	4.4	S	12.3	SSW	15.2	SW	7.6	SW	7.6	SSE	8.8	10.2	—	—	—	—	—	0.0	0.0
28	35.2	35.1	35.2	33.7	32.5	33.6	34.2	S	6.4	S	3.5	SSW	7.6	SSW	7.0	NNW	5.0	N	3.9	5.1	0.0	—	—	—	0.0	13.1	13.1
29	32.7	33.9	36.1	35.8	36.7	37.9	35.5	E	4.1	W	3.8	W	7.2	W	5.8	WNW	1.5	SW	2.5	5.1	6.7	3.2	0.1	—	—	—	10.1
30	38.9	38.2	38.7	37.4	36.9	37.4	37.8	SW	4.7	SW	8.2	SW	11.7	SW	11.1	SSW	5.8	S	2.9	7.3	—	—	—	—	—	—	—
31	36.7	36.9	33.9	31.2	29.6	30.0	33.1	SSW	5.5	SSW	1.8	S	10.5	WSW	12.8	SSW	8.8	SSW	6.7	8.5	—	—	1.8	0.1	—	—	1.9
平均 Mean	37.0	37.3	37.2	35.9	35.5	36.8	36.6		4.5		5.4		7.9		7.9		6.5		5.2	6.3	15.7	5.7	9.9	15.2	8.3	34.8	89.6

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 WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION
1	11.6	10.9	11.6	11.2	10.7	9.5	10.9	12.7	9.3	3.4	61	67	79	49	59	66	64	10 sc	10 s	10 sc	10 sc	10 sc	10.0	0.00	7.9
2	8.3	9.1	14.7	13.0	12.6	6.8	10.8	15.2	4.3	10.9	80	58	26	21	23	29	46	10 sc	10 c, s	10 c	10 cs	6 c	9.2	8.40	8.4
3	2.1	2.2	16.1	22.6	13.5	8.3	10.8	24.0	1.8	22.2	38	53	26	16	19	43	33	0 —	3 c	0 s	0 —	0 —	0.6	11.60	8.1
4	3.1	5.3	16.4	20.5	18.0	11.0	12.4	20.9	1.0	19.9	60	63	31	21	22	35	39	10 c	0 c	10 c, cs	10 c	0 —	6.0	11.30	7.7
5	7.8	7.6	17.7	22.0	19.0	12.1	14.4	22.1	6.4	15.7	49	58	38	28	31	45	42	10 cs	10 cs	10 cs	10 cs	0 —	8.0	0.00	6.8
6	9.0	8.0	21.5	24.1	22.3	17.3	17.0	24.2	6.8	17.4	52	54	34	27	26	40	38	0 —	0 c	10 cs, c	4 c	0 —	2.8	11.85	5.2
7	13.0	12.1	19.3	22.9	19.0	14.3	16.8	23.2	10.3	12.9	65	80	55	35	26	34	49	6 c	9 c, ck	10 sc, sk	10 c	10 sc	9.0	6.50	2.3
8	11.8	14.0	13.1	19.2	17.4	11.8	14.6	19.2	11.5	7.7	45	83	97	67	76	100	78	10 sc	10 n	10 sk	10 kn	10 n	10.0	0.00	1.7
9	11.1	11.0	13.4	10.6	7.9	6.8	10.1	13.6	6.5	7.1	97	96	87	97	98	98	96	10 s	10 s	10 n	10 n	10 n	10.0	0.00	1.0
10	5.5	5.6	9.3	13.1	12.6	7.2	8.9	14.9	5.2	9.7	97	91	69	56	48	84	74	10 sc	10 sk	9 sk	10 sc	9 c	9.0	4.55	3.7
11	5.5	3.5	16.8	21.4	17.7	13.6	13.1	21.7	3.1	18.6	93	87	50	28	38	49	58	3 c	9 c, cs	10 sk	6 sk	10 s	7.0	6.60	10.0
12	12.5	15.2	19.5	22.3	20.1	14.4	17.3	22.8	8.0	14.8	57	46	40	24	16	38	37	10 s	10 ck, sc	9 ck, sc	10 c	10 sc	9.8	9.00	12.3
13	11.2	14.2	21.9	27.4	25.3	19.3	19.9	27.7	9.8	17.9	49	59	36	26	18	30	36	10 c	10 c	10 c	10 cs	10 cs, sc	10.0	11.20	6.5
14	17.1	20.4	24.3	23.6	18.5	11.8	19.3	26.0	11.3	14.7	39	42	39	29	34	71	42	10 cs	0 —	10 s	10 s	10 s	8.0	6.70	8.3
15	11.2	10.6	12.0	13.2	11.2	11.3	11.6	13.9	9.7	4.2	80	92	84	87	90	97	88	10 s	10 n	10 n	10 n	10 s	10.0	0.00	2.3
16	10.9	12.6	13.7	18.2	17.8	11.8	14.2	19.6	10.8	8.8	97	96	83	36	26	54	65	10 sc	10 sk	9 sk	0 —	0 —	5.8	7.50	6.5
17	10.3	11.0	19.8	24.5	22.2	17.2	17.5	25.2	7.1	18.1	57	70	56	40	38	34	49	0 —	10 c, sc	10 c	10 sc	10 cs	8.0	10.30	8.9
18	15.7	16.1	21.2	26.1	23.4	18.2	20.1	27.1	14.9	12.2	57	40	38	30	32	63	43	6 c	10 cs, sc	10 cs, sc	10 sc	0 —	7.2	11.00	10.6
19	15.5	13.2	19.1	19.7	19.3	12.1	16.5	20.7	11.9	8.8	86	57	37	28	25	41	46	10 cs	9 sk	0 —	0 —	0 —	3.8	12.10	10.2
20	10.0	12.5	23.6	24.7	19.8	12.6	17.2	26.5	9.2	17.3	45	41	24	25	19	26	30	0 —	8 c, sc	0 —	0 —	0 —	1.6	13.50	11.0
21	12.4	12.0	16.5	16.4	15.3	10.3	13.8	18.1	6.7	11.4	35	38	28	25	28	29	31	0 —	0 c	0 —	3 ck	0 —	0.6	13.25	8.5
22	10.0	9.4	14.0	14.5	8.9	7.8	10.8	15.3	3.7	11.6	47	52	37	47	73	78	56	0 —	10 c, sk	10 sk	10 n	0 —	6.0	9.50	6.0
23	5.9	8.6	15.1	16.1	14.7	9.6	11.7	17.7	4.1	13.6	30	78	43	39	41	49	47	0 —	9 s	0 —	0 sk	0 —	1.8	6.10	5.8
24	8.3	12.0	19.2	20.2	19.8	12.0	15.3	21.1	7.7	13.4	58	59	45	36	36	58	47	10 sk	10 s	10 s	8 sc	0 —	7.6	8.15	6.2
25	8.8	13.3	24.1	27.3	23.4	19.4	19.4	28.2	8.6	19.6	64	55	32	30	37	44	44	0 —	0 —	10 c	10 cs	0 —	4.0	9.95	10.1
26	15.3	17.6	14.8	20.2	21.2	16.5	17.6	23.2	14.3	8.9	52	44	75	51	44	51	53	10 s	10 n	10 sc	10 sc	10 sc	10.0	3.10	6.8
27	14.0	17.2	24.9	28.9	24.0	18.8	21.3	29.4	13.3	16.1	60	62	46	37	42	56	51	0 —	0 —	5 sk	10 sc	10 n	5.0	11.45	9.4
28	14.1	18.9	23.7	29.4	21.4	14.1	20.3	30.2	13.4	16.8	78	75	46	32	50	94	63	10 sk	6 ck	9 sk	10 sc	10 n	9.0	9.10	6.9
29	13.3	14.3	19.6	24.8	22.4	17.2	18.6	26.3	12.8	13.5	100	100	71	44	50	72	73	10 n	0 s	3 k	0 —	0 —	2.0	9.65	8.0
30	14.9	14.6	25.4	29.8	26.7	20.9	22.1	30.3	13.2	17.1	68	66	44	31	36	55	50	0 —	0 —	10 c, cs	10 cs	0 —	4.0	11.90	8.3
31	17.8	17.9	17.5	25.3	24.0	21.0	20.6	26.0	16.0	10.0	61	70	77	50	45	49	59	10 sc	10 n	10 sc	10 sc	10 c	10.0	3.95	6.8
平均 Mean	10.9	12.0	18.1	21.1	18.4	13.4	15.6	22.2	8.8	13.4	63	66	50	38	40	55	52	6.3	6.9	7.9	7.5	5.0	6.7	238.20	221.3

* 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

昭和五年五月 RYOJUN. MAY, 1930.

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	56.0	55.5	55.0	55.5	SE	2.3	SSE	4.1	SSE	1.9	2.5	—	—	0.2	0.2
2	53.1	50.4	49.7	51.1	W	8.0	W	15.8	WNW	10.5	9.9	—	—	—	—
3	51.8	52.0	53.0	52.3	NW	10.5	S	2.9	SSW	4.0	5.8	—	—	—	—
4	53.2	53.3	52.6	53.0	S	4.7	SSE	5.8	NNE	2.3	4.3	—	0.0	2.8	2.8
5	52.6	53.2	55.4	53.7	NNE	1.9	N	3.0	N	3.2	3.3	0.2	0.3	—	0.5
6	55.9	55.8	53.8	55.2	NW	5.8	W	8.9	SSW	3.4	5.0	—	—	—	—
7	54.1	54.0	51.2	53.1	SSW	4.1	W	11.5	SW	10.5	6.9	—	—	—	—
8	48.6	46.2	45.5	46.8	SSW	6.0	S	6.4	SSE	5.3	6.0	—	—	—	—
9	45.4	48.8	51.7	48.6	NE	1.6	NE	4.6	NE	2.2	4.0	—	—	—	—
10	53.4	54.5	54.9	54.3	NW	2.3	NW	5.8	NW	5.3	3.7	—	—	—	—
11	55.3	52.9	53.5	53.9	NW	5.4	WNW	6.4	S	2.8	4.4	—	—	—	—
12	52.4	52.6	53.2	52.7	W	5.8	WNW	6.7	S	1.3	4.8	—	—	—	—
13	53.8	55.1	55.1	54.7	S	3.5	S	3.9	SSE	4.7	3.0	—	—	—	—
14	55.6	56.9	57.3	56.6	SSW	4.0	S	5.1	S	1.2	3.5	—	—	—	—
15	56.6	55.4	54.9	55.6	SSE	2.9	S	3.6	NNE	5.8	3.1	—	—	—	—
16	55.0	55.1	55.7	55.3	NW	3.5	WNW	5.1	WNW	3.2	3.7	2.4	0.1	—	2.5
17	55.0	55.5	54.9	55.1	WNW	4.4	S	2.7	S	2.9	2.8	—	—	—	—
18	54.1	53.4	50.8	52.8	S	1.8	SSE	3.2	SSE	3.1	3.0	—	—	—	—
19	50.2	49.8	50.2	50.1	NNW	2.3	N	4.3	W	5.8	3.4	—	—	—	—
20	50.2	48.3	47.0	48.5	WNW	5.7	W	7.6	W	7.6	6.9	—	—	—	—
21	46.9	47.7	47.7	47.4	W	14.6	W	6.2	ESE	2.7	7.3	—	—	—	—
22	48.9	53.2	54.9	52.3	NNE	6.4	NNE	6.5	ESE	1.0	4.1	—	—	—	—
23	57.6	57.4	58.0	57.7	NNW	2.6	NNW	5.3	—	0.4	2.7	—	—	—	—
24	59.0	57.6	56.3	57.6	WNW	5.5	WNW	6.5	S	2.4	5.0	—	—	—	—
25	54.8	53.9	53.4	54.0	S	3.4	S	5.3	SSW	7.3	5.3	—	—	—	—
26	52.9	51.7	51.8	52.1	S	2.5	S	4.3	SSE	1.1	3.7	—	—	0.4	0.4
27	51.0	50.9	51.0	51.0	S	5.1	SSW	5.9	S	1.5	3.0	1.1	0.7	—	1.8
28	50.9	51.1	48.8	50.3	—	0.4	S	4.3	S	2.8	2.8	—	—	—	—
29	51.5	52.0	53.0	52.2	SE	5.8	SSW	1.6	SSW	1.8	3.3	—	—	—	—
30	52.7	53.0	52.0	52.6	SSE	3.9	SSE	5.4	S	2.2	3.8	—	—	—	—
31	51.1	50.0	48.1	49.7	SE	5.8	S	5.8	SSW	3.3	4.4	0.3	—	—	0.3
平均 Mean	52.9	52.8	52.6	52.8		4.6		5.6		3.7	4.4	4.0	1.1	3.4	8.5

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	8.0	13.1	6.1	9.1	14.5	5.4	9.1	100	77	98	92	10 s	3 s, c	7 s	6.7	5.93	4.2
2	9.2	17.6	18.1	15.0	19.7	4.8	14.9	56	27	27	37	0 —	0 —	0 —	0.0	11.40	12.2
3	13.0	17.5	14.2	14.9	18.2	10.8	7.4	49	48	93	63	6 c	10 cs	10 sc	8.7	9.30	4.5
4	10.4	11.3	10.7	10.8	14.3	9.0	5.3	99	93	90	94	10 sk, sc	10 n	10 n	10.0	0.00	1.6
5	9.2	15.2	11.3	11.9	17.3	8.3	9.0	88	55	72	72	10 sk	8 kc, sk	0 s	6.0	3.60	4.3
6	9.6	19.0	11.0	13.2	19.6	7.3	12.3	91	57	84	77	0 —	6 c	0 —	2.0	13.10	9.2
7	13.6	25.7	17.7	19.0	26.6	10.2	16.7	78	36	56	57	2 cs	1 c	10 sc, cs	4.3	12.17	6.7
8	11.8	16.0	11.3	12.7	18.0	10.5	7.5	77	76	99	84	10 kc, cs	10 sc	10 sc	10.0	9.73	5.8
9	12.4	15.0	13.0	13.5	17.1	10.2	6.9	97	55	55	69	10 cs	8 c, cs	0 —	6.0	10.25	6.7
10	8.2	17.7	10.0	12.0	18.5	7.2	11.3	68	32	64	55	0 —	3 c	7 sk	3.3	12.28	8.5
11	12.1	19.0	12.0	14.4	21.3	8.3	13.0	36	36	74	49	8 ck	8 cs, sc	8 cs, c	8.0	12.00	8.0
12	13.2	22.0	12.2	15.8	22.5	10.3	12.2	46	25	67	46	0 —	0 —	4 cs	1.3	13.20	7.7
13	10.4	17.0	14.0	13.8	17.8	9.3	8.5	78	55	52	62	0 —	1 c, cs	4 ck, cs	1.7	13.20	6.5
14	13.3	19.4	14.8	15.8	20.0	12.2	7.8	83	54	68	68	6 cs, c	8 c	4 cs	6.0	10.80	6.7
15	11.8	17.5	13.0	14.1	18.7	10.5	8.2	67	56	71	65	8 kc, c	10 cs, c	10 sc	9.3	10.41	5.0
16	13.2	15.4	13.4	14.0	17.4	10.7	6.7	97	86	85	89	10 sk	10 s	9 cs	9.7	1.00	2.7
17	12.6	18.4	13.0	14.7	22.6	11.5	11.1	93	65	82	80	1 c	10 c, cs	2 c	4.3	13.30	6.0
18	12.5	15.4	13.8	13.9	18.3	11.5	6.8	88	89	100	92	6 c	10 s	10 s	8.7	3.40	2.9
19	12.5	25.2	15.6	17.8	26.0	11.5	14.5	100	27	54	60	10 s	9 c, cs	0 —	6.3	11.70	8.2
20	14.0	21.3	19.4	18.2	23.3	12.7	10.6	63	28	44	45	0 —	10 sc	0 —	3.3	11.10	8.6
21	15.5	21.2	13.8	16.8	24.5	12.5	12.0	82	58	92	77	0 —	0 —	0 —	0.0	13.30	8.2
22	14.8	19.1	13.9	15.9	21.3	12.5	8.8	40	26	35	34	0 —	0 —	0 —	0.0	13.05	10.3
23	12.9	22.0	15.1	16.7	22.6	9.8	12.8	45	23	48	39	3 c	9 kc	1 cs	4.3	10.31	7.5
24	13.7	21.1	13.6	15.9	22.0	11.7	10.3	45	40	68	51	0 —	0 —	0 —	0.0	13.75	9.6
25	14.7	20.4	16.6	17.2	24.2	11.5	12.7	53	45	50	49	6 c, cs	9 cs, c	8 cs	7.7	11.75	7.9
26	12.0	19.2	16.0	15.7	21.2	11.1	10.1	87	61	77	75	2 cs	0 ck	10 sk	4.0	10.75	5.5
27	14.6	17.6	14.5	15.6	22.6	13.3	8.7	75	70	88	78	10 sk	10 sk	0 sk	6.7	4.65	5.0
28	14.6	21.1	16.9	17.5	23.8	12.7	11.1	90	59	79	76	0 —	4 cs	2 cs	2.0	13.40	8.4
29	15.1	24.2	16.8	18.7	25.8	14.0	11.8	86	51	80	72	9 sk	3 c	4 sk	5.3	12.10	7.0
30	17.0	22.8	18.0	19.3	25.3	16.0	9.3	76	47	68	64	10 sk	8 cs	10 sk	9.3	7.95	7.6
31	16.8	22.2	15.2	18.1	22.2	14.7	7.5	71	59	94	75	10 sk	1 cs	3 ck, s	4.7	10.80	6.2
平均 Mean	12.7	19.0	14.6	15.2	20.9	10.7	10.2	74	52	71	66	5.1	5.8	4.6	5.2	389.68	209.2

* 重力ノ更正 Reduction to standard gravity ..... — 0.4
海面ニノ更正 Reduction to mean sea level ..... + 7.1

鞍山

ANZAN.

昭和五年五月 MAY, 1930.

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.
57.7	57.3	56.6	57.2	SW	3.5	WSW	4.7	SW	3.3	3.1	—	3.2	3.9	7.1
53.3	50.3	51.1	51.6	SSW	3.3	SW	10.5	SSW	3.8	5.3	—	—	—	—
53.6	52.8	55.0	53.8	SSW	1.2	SW	7.3	SSW	2.7	3.4	—	—	—	—
58.1	57.4	56.1	57.2	SE	1.4	SW	2.3	SSW	1.8	1.7	—	—	—	—
54.5	55.8	56.3	55.5	W	3.5	NE	0.9	S	1.3	2.1	1.9	2.1	—	4.0
57.6	56.9	54.8	56.4	SW	2.8	SW	6.4	SW	4.3	4.5	—	—	—	—
54.1	53.1	50.9	52.7	SW	5.8	SW	12.3	SW	5.5	9.2	—	—	—	—
50.5	49.7	49.6	49.9	SW	3.5	S	5.3	S	6.4	6.2	0.0	1.1	3.3	4.4
49.8	52.4	53.7	52.0	NW	4.4	NW	5.3	NNE	3.2	4.3	0.3	0.0	—	0.3
54.4	56.4	55.4	55.4	NW	3.3	NE	5.8	S	1.1	3.4	—	—	—	—
57.1	53.5	54.5	55.0	S	3.5	SW	6.7	SW	2.3	5.3	—	—	—	—
52.2	52.1	54.6	53.0	SW	9.3	SW	10.8	SW	1.7	8.1	—	—	—	—
56.3	54.5	56.6	55.8	SW	5.8	SW	9.3	SSW	3.5	6.4	—	—	—	—
56.8	57.3	61.7	58.6	SW	3.5	SW	9.7	NNE	5.8	6.5	—	—	—	—
60.4	56.8	57.8	58.3	ENE	3.5	WNW	3.8	SSW	2.0	3.3	—	—	0.0	0.0
55.9	55.7	57.1	56.2	SW	5.8	WNW	2.9	WSW	3.5	4.1	—	—	—	—
56.5	54.5	55.5	55.5	SW	6.8	W	9.3	WSW	3.0	6.9	—	—	—	—
56.4	54.8	53.2	54.8	SW	5.0	SW	6.4	SW	6.1	5.7	—	—	—	—
53.3	52.8	51.4	52.5	W	4.7	NNW	6.4	W	2.0	3.8	—	—	—	—
50.9	48.6	48.7	49.4	WSW	2.6	SW	8.8	SW	3.8	4.9	—	—	—	—
49.8	49.9	51.7	50.5	ENE	1.8	NNW	2.1	N	4.1	3.4	—	—	—	—
53.9	56.1	57.3	55.8	NE	3.2	NNW	8.2	—	0.0	5.1	—	—	—	—
58.9	59.8	59.9	59.5	WSW	2.1	NNW	4.7	SW	1.2	3.0	—	—	—	—
60.0	58.3	54.7	57.7	SW	2.8	NNW	4.1	WSW	4.3	4.0	—	—	—	—
55.7	54.1	55.8	55.2	SW	3.5	SW	9.3	SSW	6.1	6.3	—	—	—	—
54.4	52.6	53.9	53.6	SW	5.6	SSW	5.8	SE	4.2	5.8	—	0.0	—	0.0
53.9	52.1	52.8	52.9	SSW	5.3	SW	7.0	WSW	5.3	4.9	—	—	—	—
53.1	50.9	53.6	52.5	SSW	2.1	SW	6.8	NNW	4.1	5.0	—	—	16.2	16.2
54.5	54.3	56.3	55.0	SW	1.4	WSW	4.7	SSW	1.2	2.5	0.2	—	—	0.2
55.7	54.7	53.9	54.8	SW	1.8	S	4.7	SSE	1.9	2.6	—	—	—	—
54.1	50.5	50.0	51.5	SSW	5.3	SSW	10.5	SW	6.4	6.2	0.0	0.0	—	0.0
54.9	54.1	54.5	54.5		3.8		6.5		3.4	4.8	2.4	6.4	23.4	32.2

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.
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.		
10.9	10.5	10.2	10.5	12.5	9.7	2.8	78	92	92	87	10 sk	10 n	10 sk	10.0	0.00	2.1
7.9	17.7	12.5	12.7	18.3	7.0	11.3	72	21	49	47	10 ck	6 cs	10 cs	8.7	10.00	8.7
6.6	24.8	17.3	16.2	25.2	6.3	18.9	70	18	49	46	0 —	5 cs	0 —	1.7	11.70	8.9
11.0	20.0	15.9	15.6	21.3	10.7	10.6	78	48	67	64	10 cs	9 ck	10 sk	9.7	8.20	6.1
12.7	15.9	16.1	14.9	19.3	12.2	7.1	87	63	69	73	10 n	10 ck	10 sk	10.0	2.40	4.4
11.1	22.6	15.5	16.4	23.7	10.8	12.9	81	38	51	57	10 sk	0 —	0 —	3.3	10.30	11.7
17.7	25.7	21.5	21.6	26.3	15.2	11.1	45	40	44	43	5 cs	3 cs	0 cs	2.7	11.60	13.9
17.1	17.9	14.3	16.4	21.6	13.2	8.4	54	63	74	64	10 n	6 sk	7 sk	7.7	5.00	7.0
10.5	11.8	9.5	10.6	14.9	7.9	7.0	94	60	75	76	10 n	10 sk	10 sk	10.0	2.20	4.0
8.5	17.3	10.5	12.1	18.3	7.6	10.7	67	34	58	53	7 sk	7 cs	0 —	4.7	12.40	8.1
9.5	24.4	16.3	16.7	25.0	7.7	17.3	54	23	45	41	1 cs	0 cs	0 —	0.3	11.70	13.9
16.1	24.4	15.1	18.5	24.8	14.0	10.8	34	30	45	36	5 cs	0 —	0 —	1.7	9.00	15.0
17.7	27.8	19.2	21.6	28.4	12.9	15.5	30	19	34	28	0 —	0 —	2 cs	0.7	11.90	16.4
18.9	27.8	16.9	21.2	28.2	16.2	12.0	46	38	45	43	5 cs	5 cs	10 sk	6.7	10.80	11.0
14.0	23.0	16.1	17.7	24.4	13.2	11.2	72	36	67	58	10 sk	10 cs	10 sk	10.0	3.70	6.7
14.5	23.6	17.3	18.5	25.0	13.4	11.6	74	31	49	51	9 cs. sk	7 k	0 —	5.3	7.40	8.9
15.1	26.6	17.9	19.9	27.1	13.7	13.4	72	25	57	51	0 —	0 —	0 —	0.0	12.30	12.0
16.4	27.2	19.5	21.0	27.3	14.0	13.3	38	30	66	45	0 —	4 cs	5 sk	3.0	11.40	11.1
15.1	24.6	18.5	19.4	25.8	14.7	11.1	95	19	38	51	10 s	2 cs	0 —	4.0	11.20	12.6
14.3	28.9	19.7	21.0	29.5	13.3	16.2	36	16	35	29	0 —	0 —	0 —	0.0	12.50	13.8
13.5	27.4	16.9	19.3	27.5	12.4	15.1	40	20	34	31	1 ck	3 cs	0 —	1.3	12.70	12.8
11.5	19.1	12.6	14.4	20.0	10.5	9.5	30	20	47	32	1 ck	5 cs	0 —	2.0	12.70	10.8
9.1	20.0	13.5	14.2	21.8	8.2	13.6	49	52	49	50	1 cs	8 cs	0 —	3.0	11.50	9.4
12.1	25.2	17.3	18.2	26.2	10.8	15.4	59	21	34	38	0 —	7 cs	0 —	2.3	12.70	13.2
18.5	27.8	19.7	22.0	28.7	15.4	13.3	28	27	33	29	7 ck	8 cs	4 cs	6.3	11.30	12.7
18.5	24.2	18.9	20.5	25.3	16.7	8.6	30	28	37	32	6 cs, sk	10 sk	10 sk	8.7	6.20	9.2
17.5	27.0	18.5	21.0	27.3	17.0	10.3	57	39	63	53	9 sk	6 k	4 cs	6.3	10.90	10.5
16.1	30.2	16.0	20.8	30.9	15.5	15.4	65	26	93	61	0 cs	8 cs	10 n	6.0	8.40	9.0
15.2	24.0	19.7	19.6	26.6	14.7	11.9	92	55	80	76	0 —	6 k	0 —	2.0	12.70	7.3
14.9	30.4	21.9	22.4	30.7	14.2	16.5	76	25	44	48	5 cs	5 cs	3 cs	4.3	12.10	9.8
20.5	27.4	22.2	23.4	27.8	19.7	8.1	53	33	36	41	10 sk	7 cs	0 —	5.7	5.50	10.5
14.0	23.4	16.7	18.0	24.5	12.5	12.0	60	35	54	50	5.2	5.4	3.7	4.8	292.40	311.5

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

開 廣

昭和五年四月 **KAIYUAN.** MAY, 1930.

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	52.4	52.7	52.9	SW	6.2	WSW	5.8	SW	2.9	5.2	—	1.0	0.5	1.5
2	46.8	43.7	45.4	45.3	S	4.7	W	10.5	SW	1.5	7.3	—	—	—	—
3	47.7	47.5	52.7	49.3	S	4.5	SW	6.0	N	5.3	5.7	—	—	—	—
4	53.6	52.5	51.3	52.5	ENE	0.5	E	1.6	ENE	0.6	2.4	—	—	—	—
5	51.2	50.2	51.4	50.9	N	2.9	N	0.9	NNW	2.9	1.9	—	—	—	—
6	52.1	49.9	48.9	50.3	SSW	2.0	WSW	6.2	SSW	6.4	5.3	—	—	—	—
7	48.7	46.0	44.8	46.5	SSW	5.5	SSW	10.4	S	11.7	9.9	—	—	—	—
8	44.3	42.8	45.2	44.1	SSW	11.7	SSW	10.7	S	9.7	9.6	—	1.7	8.0	9.7
9	45.7	45.5	46.7	46.0	SSW	4.4	WNW	3.9	WNW	2.7	2.8	0.6	0.3	0.9	1.8
10	52.5	51.2	51.9	51.9	NW	4.1	N	5.3	S	2.8	3.4	1.7	—	—	1.7
11	52.0	47.9	47.4	49.1	SSE	3.5	SSW	10.5	SW	4.7	5.5	—	—	—	—
12	45.7	46.7	49.6	47.3	SSW	13.1	SW	11.7	S	3.5	9.1	—	—	—	—
13	50.1	49.4	50.1	49.9	S	2.5	SW	13.4	SW	7.0	8.2	—	—	—	—
14	50.9	51.0	56.0	52.6	SSW	7.6	WSW	11.7	NNW	5.6	8.5	—	—	1.4	1.4
15	55.6	52.3	51.4	53.1	—	0.2	—	0.2	SSW	4.1	2.1	1.4	1.9	2.1	5.4
16	50.4	50.3	50.9	50.5	SSW	3.1	W	5.5	S	3.0	3.8	0.1	—	—	0.1
17	50.1	48.3	49.2	49.2	S	2.8	SW	13.0	SW	8.8	8.0	—	—	—	—
18	50.0	48.4	47.0	48.5	SSW	8.5	SW	14.6	SW	8.1	10.3	—	—	—	—
19	47.6	45.5	45.6	46.2	WSW	3.2	WNW	8.3	WSW	1.3	5.0	—	—	—	—
20	44.8	40.8	45.0	43.5	SSW	3.2	WSW	11.1	N	2.9	6.1	—	—	—	—
21	45.4	45.3	47.6	46.1	—	0.2	N	3.6	N	1.2	2.4	0.2	—	—	0.2
22	49.1	50.0	51.8	50.3	—	0.0	W	6.5	—	0.2	2.0	—	—	—	—
23	54.0	53.8	54.5	54.1	—	0.2	W	1.6	—	0.4	1.0	—	0.0	0.0	0.0
24	53.9	52.8	51.7	52.8	—	0.2	NNW	4.0	—	0.0	2.3	—	—	—	—
25	50.6	48.7	49.6	49.6	SSE	2.7	SW	13.5	SSW	7.8	5.3	—	—	—	—
26	48.2	47.8	46.4	47.5	S	5.7	SW	5.0	S	12.8	6.7	—	1.8	—	1.8
27	47.2	46.3	46.7	46.7	SSW	9.1	SSW	11.7	S	5.6	8.7	—	—	—	—
28	47.6	45.3	46.5	46.5	S	3.4	SSW	9.1	SW	12.8	7.2	—	—	6.7	6.7
29	48.4	48.5	49.5	48.8	SSW	2.4	W	3.5	S	3.7	4.1	0.2	—	—	0.2
30	50.6	49.8	49.3	49.9	S	2.5	SSW	7.6	SW	5.2	5.3	—	—	—	—
31	49.0	44.3	42.8	45.4	S	5.0	SSW	14.6	SSW	8.2	8.4	0.0	0.5	—	0.5
平均 Mean	49.6	48.2	49.0	48.9		4.1		7.8		4.9	5.6	4.2	7.2	19.6	31.0

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) EVAPORATION (mm)
1	11.6	11.9	10.1	11.2	12.1	8.8	3.3	64	79	86	76	10 n	10 n	10 n	10.0	0.85	3.7
2	7.6	16.2	10.8	11.5	17.4	7.1	10.3	85	17	33	45	9 sk	4 cs	0 —	4.3	5.75	8.7
3	2.0	23.8	15.3	13.7	25.0	1.2	23.8	63	17	27	36	0 —	10 cs, c	0 —	3.3	11.70	13.0
4	8.3	18.6	14.3	13.7	20.3	7.3	13.0	45	37	56	46	10 cs	10 cs	10 cs	10.0	6.05	4.9
5	10.3	20.9	15.1	15.4	22.0	9.6	12.4	52	29	39	40	10 cs	10 cs	1 c	7.0	9.30	7.1
6	7.7	23.5	16.6	15.9	24.9	5.0	19.9	54	22	38	38	9 ck	1 k	5 cs	5.0	12.10	13.6
7	15.1	27.6	18.8	20.5	29.2	12.6	16.6	52	32	51	45	2 c	10 c	10 c	7.3	11.80	15.1
8	18.7	22.9	13.4	18.3	23.5	12.1	11.4	47	44	78	53	10 sk	10 ck	10 n	10.0	4.40	5.5
9	12.1	7.6	8.0	9.2	14.3	7.4	6.9	91	89	92	91	10 n	10 n	10 n	10.0	0.00	1.6
10	8.0	14.3	8.9	10.4	16.6	7.3	9.3	85	52	83	73	9 n	9 k	10 cs	9.3	7.00	4.4
11	4.5	24.4	16.6	15.2	25.0	4.0	21.0	91	24	34	50	2 c	10 c	0 —	4.0	11.90	12.0
12	16.1	25.6	16.3	19.3	26.6	13.6	13.0	33	26	43	34	10 sc	10 cs	3 cs	7.7	8.50	13.3
13	12.1	28.5	20.0	20.2	29.4	11.0	18.4	52	31	33	39	0 —	0 —	7 ck	2.3	13.10	17.5
14	19.0	28.3	13.1	20.1	29.1	12.8	16.3	35	32	76	48	7 ck	10 k, cs	10 n	9.0	8.70	8.5
15	12.6	17.9	13.1	14.5	18.8	12.2	6.6	84	78	90	84	10 n	10 n	10 n	10.0	0.00	2.6
16	11.7	21.5	13.4	15.5	22.3	9.8	12.5	85	24	51	53	10 kc, sk	1 c,k	0 —	3.7	10.05	10.7
17	14.0	27.3	19.5	20.3	28.0	11.0	17.0	71	23	38	44	0 —	10 cs	0 —	3.3	12.30	16.4
18	16.6	27.3	20.0	21.3	28.0	14.4	13.6	38	26	58	41	0 —	10 cs	10 n	6.7	12.40	13.9
19	17.0	22.6	14.9	18.2	23.8	14.9	8.9	75	24	39	46	10 n	2 k	0 —	4.0	10.30	12.3
20	9.4	30.5	20.6	20.2	30.5	7.9	22.6	54	15	26	32	0 —	10 sk	10 n	6.7	11.70	14.9
21	12.8	21.7	15.6	16.7	22.4	12.6	9.8	47	35	44	42	8 n	0 —	2 sk	3.3	12.20	11.3
22	10.1	15.3	12.1	12.5	18.3	9.8	8.5	52	35	48	45	1 c	9 k	2 n	4.0	12.05	8.2
23	4.0	17.9	9.3	10.4	20.1	4.0	16.1	95	46	68	70	10 kc	9 k, n	1 sk	6.7	8.90	7.7
24	7.8	22.6	12.7	14.4	24.3	4.6	19.7	64	44	57	55	10 kc	7 k	0 —	5.7	11.80	12.4
25	14.3	27.1	20.5	20.6	27.8	9.6	18.2	58	47	66	57	0 —	10 cs	3 c	4.3	10.70	15.6
26	18.0	20.5	20.0	19.5	25.4	13.6	11.8	60	71	71	67	6 cs	10 n, ck	10 n	8.7	3.30	12.5
27	18.7	27.6	20.8	22.4	28.5	17.2	11.3	78	69	74	74	9 c, ck	3 k	10 n	7.3	13.20	13.1
28	15.1	30.4	17.1	20.9	30.8	13.2	17.6	84	60	86	77	1 c	10 kc	10 n	7.0	8.55	11.0
29	14.1	25.7	18.1	19.3	27.2	13.4	13.8	93	27	51	57	9 kn	7 k	0 —	5.3	12.15	10.9
30	14.3	29.4	22.7	22.1	30.7	12.3	18.4	71	22	42	45	0 c	10 cs	0 —	3.3	13.90	12.0
31	18.0	28.3	22.7	23.0	29.1	17.5	11.6	60	26	34	40	10 n	10 c	10 c	10.0	5.10	13.9
平均 Mean	12.3	22.8	15.8	17.0	24.2	10.3	14.0	65	39	55	53	6.2	7.8	5.3	6.4	279.75	329

* 重力ノ更正 Reduction to standard gravity 0.2
海面ヘノ更正 Reduction to mean sea level ..... + 8.3

鄭家屯

昭和五年五月 CHENGCHIATUN. MAY, 1930.

日	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	51.2	48.1	47.6	49.0	WSW	4.7	WSW	8.5	WSW	5.5	6.9	—	—	—	—
2	45.1	42.0	44.7	43.9	WSW	4.4	NW	10.6	NW	1.6	6.9	—	—	—	—
3	47.8	44.0	51.4	47.7	NW	2.9	W	9.0	NE	1.0	4.9	—	—	—	—
4	55.9	51.7	51.5	53.0	E	1.8	ESE	5.5	E	3.4	3.0	—	—	—	—
5	52.2	50.1	51.5	51.3	NE	2.7	ENE	6.5	NNE	2.6	4.4	—	—	—	—
6	51.7	47.8	47.5	49.0	NNW	0.7	W	8.5	WSW	10.4	4.9	—	—	—	—
7	48.1	45.4	43.7	45.7	SW	2.6	SSW	2.2	SSW	5.1	3.3	—	—	—	—
8	42.2	40.3	44.7	42.4	WSW	9.9	WSW	10.6	NW	3.1	7.7	—	—	9.6	9.6
9	45.4	44.1	46.1	45.2	NNE	5.0	NNE	6.4	NE	6.9	4.9	0.3	—	2.3	2.6
0	48.7	51.0	50.8	50.2	NNE	5.1	NE	4.4	ENE	0.5	4.6	0.5	—	—	0.5
1	50.7	45.7	43.6	46.7	SSW	2.0	WSW	8.5	WSW	6.5	4.7	—	—	—	—
2	43.4	45.8	48.4	45.9	WSW	9.2	NE	4.2	SW	2.0	5.5	—	—	—	—
3	49.6	46.8	48.0	48.1	SSW	3.0	SW	8.3	WSW	2.2	5.4	—	—	—	—
4	49.7	50.6	53.1	51.1	WSW	6.9	NW	5.5	NE	4.7	7.5	—	—	0.4	0.4
5	56.6	51.9	50.5	53.0	E	1.2	WSW	1.5	WSW	2.6	2.4	—	19.1	5.1	24.2
6	50.5	48.7	49.8	49.7	SSW	2.6	NW	8.7	—	0.4	4.2	0.7	—	—	0.7
7	49.7	47.0	47.0	47.9	S	1.6	W	6.8	WSW	6.1	4.0	—	—	—	—
8	47.8	46.2	47.0	47.0	WSW	7.4	WSW	12.2	W	2.7	9.4	—	—	—	—
9	47.3	44.5	44.2	45.3	WNW	1.4	NNW	8.8	NW	1.5	5.7	—	—	—	—
0	43.7	40.7	45.0	43.1	SW	1.7	N	6.9	NNE	4.0	4.3	—	—	—	—
1	46.4	46.2	47.9	46.8	NNE	2.7	NE	6.0	NNE	3.0	3.7	—	—	—	—
2	49.4	49.2	51.3	50.0	NNW	3.0	NNE	6.1	NE	2.2	4.5	—	—	—	—
3	53.6	52.8	53.8	53.4	NNE	2.5	N	3.2	—	0.0	2.6	0.0	—	—	0.0
4	53.4	51.5	50.3	51.7	ESE	1.2	NW	1.5	S	2.0	1.8	—	—	—	—
5	50.0	46.5	47.3	47.9	SSW	5.4	WSW	10.6	SW	6.4	6.5	—	—	—	—
6	47.3	44.7	44.7	45.6	WSW	8.1	SW	8.6	WSW	8.9	8.4	—	—	—	—
7	45.7	44.3	45.5	45.2	WSW	6.4	WSW	6.8	WSW	4.2	7.1	—	—	10.4	10.4
8	46.2	44.4	45.2	45.3	SW	3.1	WNW	3.4	NNE	5.0	3.7	—	—	9.4	9.4
9	47.9	47.8	49.0	48.2	NW	2.2	WNW	4.4	W	2.4	3.9	6.8	—	—	6.8
0	49.8	48.5	48.2	48.8	SSW	3.0	WSW	8.6	SW	2.9	4.7	—	—	—	—
1	47.4	41.0	40.6	43.0	WSW	4.4	WSW	12.6	WSW	13.8	8.1	0.2	—	—	0.2
平均 Mean	48.9	46.8	47.7	47.8		3.8		6.9		4.0	5.1	8.5	19.1	37.2	64.8

日	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	10.3	17.0	11.5	12.9	17.4	9.9	7.5	78	23	63	55	10 n	10 sc	10 n	10.0	4.67	13.1
2	6.9	13.1	8.4	9.5	15.3	5.5	9.8	59	18	55	44	0 —	10 ≋	0 —	3.3	10.45	11.2
3	2.8	23.4	11.3	12.5	24.4	2.4	22.0	31	17	25	24	0 —	3 c	0 —	1.0	10.95	13.6
4	3.5	20.1	15.3	13.0	20.7	2.7	18.0	55	17	35	36	10 cs, c	3 cs	6 cs	6.3	8.90	11.8
5	8.0	20.8	14.4	14.4	22.2	7.4	14.8	48	22	31	34	10 n, sc	4 k	0 —	4.7	10.67	11.1
6	5.1	24.2	17.2	15.5	26.1	4.7	21.4	59	21	36	39	0 —	2 c	0 —	0.7	12.30	14.1
7	8.9	23.9	20.2	17.7	26.5	8.8	17.7	81	35	41	52	1 c	8 c	0 —	3.0	11.52	13.0
8	16.2	22.8	13.6	17.5	23.8	12.9	10.9	54	44	90	63	10 sc	10 sc	10 n	10.0	4.81	6.5
9	6.6	7.0	7.1	6.9	14.0	6.0	8.0	95	89	91	92	10 n	10 sk	10 n	10.0	0.00	3.0
0	6.1	15.4	9.3	10.3	16.9	6.0	10.9	79	41	65	62	7 kc	0 k	10 cs	5.7	11.92	6.9
1	5.0	23.9	18.1	15.7	24.6	3.9	20.7	85	24	30	46	0 —	5 c	8 cs	4.3	10.70	13.9
2	13.4	22.8	18.4	18.2	24.9	13.0	11.9	44	24	50	39	10 sc	3 c	0 —	4.3	10.18	11.1
3	10.5	27.5	20.3	19.4	29.1	9.9	19.2	57	25	30	37	0 —	8 cs	10 sc	6.0	11.75	17.6
4	14.7	23.1	11.6	16.5	24.0	11.4	12.6	53	25	85	54	4 sc	10 n	10 n	8.0	6.17	8.6
5	10.7	12.8	11.9	11.8	13.4	10.5	2.9	88	93	96	92	10 n	10 n	10 n	10.0	0.00	2.5
6	12.0	19.5	12.5	14.7	21.5	11.3	10.2	96	31	57	61	10 n	1 k	0 —	3.7	10.98	8.6
7	7.6	23.6	17.7	16.3	26.8	7.4	19.4	89	39	46	58	4 c	10 sc	0 —	4.7	11.85	14.5
8	13.6	24.7	19.0	19.1	26.2	12.7	13.5	66	36	59	54	0 —	10 n	0 —	3.3	8.75	15.9
9	11.1	21.0	15.4	15.8	22.5	10.9	11.6	65	23	30	39	6 sc	0 —	0 —	2.0	13.20	14.0
0	7.6	25.3	16.8	16.6	25.9	6.6	19.3	62	20	65	49	0 —	0 —	0 —	0.0	12.68	15.3
1	7.2	17.3	13.7	12.7	18.4	5.9	12.5	59	21	19	33	0 —	2 ck	0 —	0.7	12.37	13.8
2	7.3	15.2	11.7	11.4	16.7	5.9	10.8	41	31	58	43	0 —	10 kn	10 n	6.7	11.51	9.5
3	6.9	17.5	10.4	11.6	18.7	6.4	12.3	72	31	65	56	0 —	10 kn	0 —	3.3	9.90	8.5
4	8.4	22.1	14.4	15.0	24.0	7.9	16.1	66	21	39	42	0 —	4 k	0 —	1.3	13.39	12.2
5	12.0	25.4	19.3	18.9	26.8	10.8	16.0	43	30	30	34	0 —	10 ≋	0 —	3.3	8.69	17.6
6	16.6	21.7	19.0	19.1	23.7	15.3	8.4	39	46	50	45	10 n	6 c	0 —	5.3	6.55	14.1
7	14.7	29.1	18.5	20.8	29.9	13.8	16.1	70	28	74	57	0 c	0 —	0 —	0.0	10.45	10.8
8	13.5	25.8	15.1	18.1	26.7	13.4	13.3	86	41	84	70	7 n, kc	10 kn	10 n	9.0	5.02	7.8
9	14.7	23.5	18.3	18.8	25.5	13.9	11.6	82	37	58	59	10 c, cs	0 —	0 —	3.3	12.99	10.1
0	12.8	29.5	21.6	21.3	30.6	12.5	18.1	80	25	39	48	0 —	9 sc	0 —	3.0	11.60	11.0
1	17.4	26.3	21.7	21.8	26.9	14.1	12.8	75	36	41	51	10 n	10 ≋	0 —	6.7	3.96	5.9
平均 Mean	10.1	21.5	15.3	15.6	23.0	9.2	13.9	66	33	53	51	4.5	6.1	3.4	4.6	288.88	347.6

* 重力ノ更正 Reduction to standard gravity ..... — 0.1
海面ニノ更正 Reduction to mean sea level ..... + 10.4

澎南

昭和五年五月 **TONAN.** MAY, 1930.

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	43.7	41.6	40.2	41.8	W	6.0	W	13.4	WSW	4.6	8.5	0.7	0.1	—	0.8
2	37.1	35.2	38.1	36.8	W	4.7	WNW	9.0	NW	8.6	7.3	—	—	—	—
3	41.6	42.2	48.3	44.0	W	5.6	NE	2.2	NW	2.7	5.0	—	—	—	—
4	51.1	49.8	49.4	50.1	NW	2.0	SE	2.0	ENE	3.7	2.8	—	—	—	—
5	50.0	47.4	47.6	48.3	NNW	5.4	NNE	4.8	NNE	1.8	3.7	—	—	—	—
6	46.4	39.9	44.6	43.6	W	2.1	WSW	13.4	NW	3.5	6.1	—	—	—	—
7	43.8	43.4	45.5	44.2	N	2.1	ESE	5.0	E	7.6	4.8	—	—	—	—
8	39.7	41.1	41.7	40.8	E	11.7	E	8.5	NE	11.4	10.5	—	—	0.0	0.0
9	42.4	43.8	44.6	43.6	NE	7.9	NE	9.6	—	0.4	6.2	0.6	0.0	—	0.6
10	46.5	46.3	45.1	46.0	N	3.3	N	1.5	S	5.8	3.0	—	—	—	—
11	43.6	39.6	35.7	39.6	SSW	3.1	WSW	5.8	SSW	6.1	5.9	—	—	—	—
12	37.8	41.0	42.5	40.4	NNE	6.1	NNW	4.7	S	2.9	5.1	—	—	—	—
13	44.0	40.9	38.1	41.0	SSE	0.5	S	6.5	SSW	10.8	5.9	—	—	—	—
14	41.5	47.4	52.0	47.0	W	4.7	NNW	10.7	NW	0.9	5.2	—	—	1.1	1.1
15	53.1	49.4	46.2	49.6	N	1.8	N	3.5	SE	1.2	2.4	—	1.2	2.0	3.2
16	44.1	43.3	44.0	43.8	SW	3.3	WNW	9.7	NW	2.2	5.4	—	—	—	—
17	45.3	43.7	40.9	43.3	ENE	3.9	ESE	5.5	SSE	5.8	4.5	—	—	—	—
18	40.7	38.8	38.4	39.3	W	1.3	SW	8.2	NW	5.8	5.6	—	—	0.0	0.0
19	41.1	38.0	39.0	39.4	W	5.0	NW	10.3	NW	4.4	7.1	—	—	—	—
20	37.8	35.7	40.3	37.9	W	0.7	NW	10.0	NNW	6.0	5.4	—	—	—	—
21	41.3	40.2	42.7	41.4	W	4.7	WNW	11.1	NW	3.7	7.0	—	—	—	—
22	43.9	45.0	47.5	45.5	NW	3.9	N	7.0	N	2.6	4.4	—	—	1.5	1.5
23	49.1	48.2	48.8	48.7	NW	0.8	N	1.8	—	0.2	1.8	—	—	0.1	0.1
24	48.3	46.4	45.1	46.8	W	0.8	NW	3.8	SE	4.7	2.8	—	—	—	—
25	43.6	41.2	40.2	41.7	S	5.8	SW	7.0	SW	8.8	7.3	—	—	—	—
26	38.4	36.3	31.1	35.3	SW	4.8	SW	9.9	S	5.8	6.8	—	—	2.7	2.7
27	38.8	38.7	39.7	39.1	SW	2.0	NNW	3.0	W	2.9	3.5	0.1	—	0.0	0.1
28	42.8	41.0	40.7	41.5	NW	2.9	NE	4.1	ENE	3.9	3.4	—	—	—	—
29	47.5	42.3	42.9	44.2	NW	3.3	N	3.8	S	2.2	3.5	0.9	—	—	0.9
30	42.4	40.4	39.8	40.9	SW	4.7	SW	15.2	SW	8.4	7.5	—	—	—	—
31	38.6	32.6	31.5	34.2	SSW	9.3	WSW	11.7	SW	9.6	10.7	0.0	—	—	0.0
平均 Mean	43.4	42.0	42.3	42.6		4.0		7.2		4.8	5.5	2.3	1.3	7.4	11.0

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) EVAPORATION
1	9.5	14.4	10.3	11.4	15.4	9.0	6.4	85	18	25	43	10 n	8 ck	0 —	6.0	9.79	12.7
2	3.8	12.5	7.7	8.0	14.0	3.2	10.8	46	66	34	49	6 sc	10 kn	0 —	5.3	9.35	11.1
3	3.3	15.3	6.3	8.3	16.6	2.1	14.5	46	19	34	33	3 c	10 c	0 —	4.3	9.91	8.0
4	0.4	17.7	12.9	10.2	17.8	99.8	18.0	57	27	32	39	0 —	10 cs	10 s	6.7	10.53	9.4
5	10.3	18.7	14.7	14.6	19.4	8.4	11.0	42	24	36	34	10 n	4 k	0 —	4.7	10.84	11.2
6	5.6	24.5	16.0	15.4	28.7	5.6	23.1	57	17	23	32	8 c	2 c	4 c	4.7	12.40	18.6
7	8.0	21.5	13.4	14.3	21.8	7.0	14.8	31	19	26	25	9 kc	2 c	10 c	7.0	11.93	14.1
8	11.6	11.9	8.5	10.7	13.8	8.0	5.8	31	36	43	37	10 s	10 n	10 n	10.0	0.00	7.9
9	6.3	11.3	8.5	8.7	13.5	5.7	7.8	57	31	67	52	10 n	10 n	10 c	10.0	0.00	6.7
10	1.7	17.5	12.2	10.5	19.5	1.0	18.5	59	23	29	37	3 c	10 cs	4 c	5.7	11.61	10.3
11	7.5	23.9	20.5	17.3	25.4	7.4	18.0	47	21	22	30	10 sk	10 n	0 —	6.7	8.11	19.9
12	13.7	23.1	15.1	17.3	25.0	13.0	12.0	50	16	20	29	4 kc	5 c	0 —	3.0	12.56	13.4
13	7.9	26.9	21.9	19.9	31.6	6.7	24.9	37	24	22	28	2 c	10 sc	10 n	7.3	12.29	24.3
14	14.9	19.3	10.8	15.0	24.9	10.8	14.1	35	28	87	50	10 c	10 n	2 n	7.3	5.86	5.9
15	7.7	9.7	10.0	9.1	12.4	7.1	5.3	91	83	91	88	10 n	10 n	10 n	10.0	0.00	1.8
16	9.3	20.1	12.9	14.1	21.2	8.8	12.4	97	18	32	49	0 —	2 k	0 —	0.7	11.18	13.4
17	6.3	20.3	17.7	14.8	21.4	6.0	15.4	69	28	55	51	8 c	10 c	10 n	9.3	12.16	10.9
18	10.1	25.8	16.7	17.5	26.4	9.6	16.8	83	18	21	41	10 n	2 c	0 —	4.0	8.43	18.3
19	9.9	20.4	15.5	15.3	22.0	9.6	12.4	54	17	23	31	8 sk	5 c	0 —	4.3	14.16	17.1
20	6.1	22.6	13.1	13.9	23.5	6.0	17.5	47	18	23	29	2 cs	1 c	0 —	1.0	13.49	18.1
21	7.9	15.7	9.0	10.9	17.1	6.8	10.3	30	16	37	28	7 sk	2 c	0 —	3.0	10.90	14.5
22	3.7	14.7	9.3	9.2	16.0	3.4	12.6	44	37	59	47	2 sc	8 k	0 —	3.3	8.33	6.1
23	3.7	16.7	15.7	12.0	19.6	2.4	17.2	78	27	38	48	1 c	10 kn	6 n	5.7	8.64	8.3
24	7.5	22.4	15.1	15.0	23.4	6.6	16.8	53	25	33	37	3 c	8 c	2 n	4.3	12.24	13.1
25	10.7	25.3	21.9	19.3	27.4	10.0	17.4	39	27	28	31	3 c	10 cs	10 s	7.7	7.45	18.3
26	17.9	29.3	21.1	22.8	29.8	17.2	12.6	44	17	48	36	10 n	0 —	0 —	3.3	9.55	17.5
27	13.1	29.9	22.5	21.8	30.7	12.0	18.7	15	21	31	22	8 c	9 kn	3 s	6.7	10.08	13.7
28	10.9	23.3	19.7	18.0	25.6	10.6	15.0	46	33	45	41	1 c	10 n	10 n	7.0	8.30	7.7
29	11.1	28.0	19.9	20.0	30.0	10.6	19.4	81	23	31	45	0 —	5 k	0 —	1.7	13.66	14.5
30	13.3	34.7	26.6	24.9	34.8	12.8	22.0	51	17	25	31	2 c	10 s	0 —	4.0	11.93	26.1
31	18.8	30.3	25.3	24.8	33.2	17.6	15.6	65	28	34	42	10 n	10 s	10 n	10.0	5.03	22.5
平均 Mean	8.8	20.9	15.3	15.0	22.6	7.9	14.7	54	27	37	39	5.8	7.2	3.9	5.6	290.71	418.9

* 重力ノ更正 Reduction to standard gravity ..... — 0.0
海面ヘノ更正 Reduction to mean sea level ..... + 13.4

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昭和五年六月

滿洲氣象表

REPORT

OF THE

METEOROLOGICAL OBSERVATIONS

MADE AT THE

METEOROLOGICAL STATIONS

IN

MANCHURIA.

JUNE, 1930.

PUBLISHED BY THE METEOROLOGICAL OBSERVATORY, DAIREN.

凡　例

本編ハ昭和五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, 1930.

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 usous 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	⊟	Ie
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	層卷雲	SC	Strato-cirrus	層積雲	SK	Strato-cumulus
積雲	K	Cumulus	積卷雲	KC	Cumulo-cirrus	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

昭和五年六月　　DAIREN.　　JUNE, 1930.

氣壓 (粍) AIR PRESSURE. (mm) (700 mm +)

Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	44.2	43.0	42.0	41.5	42.2	43.1	42.7
2	42.7	42.6	23.0	42.4	42.7	43.4	42.8
3	43.8	44.1	45.1	44.7	44.3	46.5	44.8
4	45.6	46.6	46.5	45.5	45 2	45 2	45.8
5	43.8	44.2	44.5	44.2	45.3	46.1	44.7
6	45.8	45.6	46.5	46.1	46.7	48.5	46.5
7	48.9	49.4	49.7	49.2	48.9	50.3	49.4
8	50.4	50.6	51.2	50.8	50.6	51.4	50.8
9	51.4	52.0	53.0	52.7	52.5	53.2	52.5
10	53.1	54.4	54.9	53.7	52.4	52.7	53.5
11	51.9	51.8	52.1	51.1	49.8	50.1	51.1
12	50.2	51.7	51.2	51.2	51 0	51.4	51.1
13	50.8	51.2	51.5	50.8	50.1	51.0	50.9
14	50.9	50.9	51.4	51.5	50.6	50.8	51.0
15	51.1	51.5	52.6	51.4	51.8	52.2	51.8
16	52.5	52.7	52.6	51.4	50.9	51.6	52.0
17	51.4	51.9	52.2	51.9	51.2	51.7	51.7
18	50.8	51.2	51.2	49.8	49.1	49.6	50.3
19	48.1	47.8	47.5	46.3	45.7	45.6	46.8
20	45.3	45.4	45.4	44.9	44.3	45.0	45.1
21	44.5	45.1	45.1	44.4	44.1	45.0	44.7
22	45.1	45.4	47.0	46.8	46.7	48.5	46.6
23	48.2	48.7	49.7	48.6	47.1	47.1	48.2
24	45.6	45.7	46.3	46.6	46.4	47.3	46.3
25	47.3	47.8	48.6	47.9	47.7	47.7	47.8
26	47.2	47.4	48.2	47.6	47.2	47.9	47.6
27	47.1	47.4	47.5	47.4	47.7	48.2	47.6
28	47.9	47.8	48.2	47.3	47.2	47.7	47.7
29	47.8	48.0	47.7	47.1	46.4	46.7	47.3
30	46.3	46.7	47.1	47.6	48.0	48.7	47.4
31							
平均 Mean	48.0	48.3	48.7	48.1	47.8	48.5	48.2

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	S	7.6	S	6.3	NW	2.4	NNW	7.1	NW	4.6	SSW	3.4	5.5
2	SSW	7.5	SW	9.5	SW	8.4	W	9.9	SSW	5.9	SSW	7.9	7.3
3	S	10.5	SSW	11.7	S	8.5	S	5.4	SSE	5.5	SW	6.1	8.3
4	SE	8.2	NNW	1.5	NNW	5.6	NNW	6.1	NW	4.9	S	3.7	4.4
5	WNW	2.2	NNW	4.6	NNW	7.4	NNW	5.7	NW	4.5	WNW	2.2	5.7
6	NW	3.1	NNW	2.1	NNW	6.8	NNW	7.9	NNW	6.8	NW	4.0	5.0
7	WNW	1.5	W	2.8	NW	4.7	NW	3.8	SSW	5.4	SSW	6.1	3.5
8	S	6.4	S	5.0	S	6.2	S	5.3	SSE	5.8	S	10.7	6.8
9	S	11.0	S	9.0	SSE	7.1	SSE	5.2	S	6.2	S	13.7	8.0
10	S	18.2	SSE	4.9	SSE	4.3	SSE	3.7	SSE	5.1	S	9.2	7.7
11	S	9.9	S	6.4	S	5.4	S	6.1	S	9.6	S	10.4	7.9
12	S	11.3	S	3.0	SSE	5.6	S	5.8	SSE	4.6	SSE	2.7	6.9
13	SSE	3.7	S	1.3	SSE	3.6	ESE	5.1	SSE	4.3	SSE	2.4	3.5
14	SSE	3.4	S	0.5	NNE	1.1	NNE	0.8	NNW	1.9	ENE	2.0	2.3
15	—	0.0	NE	3.6	NE	5.8	S	2.5	SSE	1.2	—	0.0	2.4
16	NNE	1.2	SSE	3.9	S	4.3	S	7.1	SSE	3.3	S	5.1	3.7
17	S	5.8	S	4.3	S	3.9	S	5.5	S	1.5	NW	1.8	3.8
18	NW	2.7	NW	2.5	NW	4.1	NNW	5.0	NW	2.2	WNW	1.5	2.8
19	SW	4.3	SSW	9.1	S	7.1	SSW	5.6	S	6.4	S	8.3	6.2
20	S	7.6	S	6.6	S	8.2	S	8.9	S	5.7	S	7.1	7.4
21	S	6.7	SSW	1.1	S	4.0	S	6.0	S	5.3	S	4.0	5.3
22	SSW	2.7	S	5.5	SSW	4.3	S	5.9	SSE	6.0	SSE	6.7	5.4
23	SSE	6.8	SSE	6.4	SSE	6.4	SSE	6.3	SSE	8.4	SSE	10.2	7.0
24	S	16.5	S	11.0	NNW	5.5	NNW	7.7	NNW	6.9	NW	3.4	8.1
25	WNW	2.7	NW	3.0	WNW	4.0	S	8.3	S	4.4	S	9.0	4.3
26	S	12.7	S	7.6	SSE	4.9	S	6.1	SSE	3.9	SSE	3.3	7.0
27	S	5.4	S	3.9	SSE	4.0	SSE	5.3	SSE	4.4	SSE	2.1	4.1
28	SSE	0.5	W	2.5	NW	1.8	SSE	2.6	NW	1.8	NW	1.8	1.9
29	—	0.4	S	0.9	NNW	1.5	S	3.4	S	2.4	SSE	1.8	2.3
30	SSE	2.0	SSE	3.1	S	6.9	S	4.1	S	2.0	SSE	0.6	3.4
31													
平均 Mean		5.9		4.8		5.1		5.6		4.7		5.0	5.3

降水量 (粍) AMOUNT OF PRECIPITATION. (mm)

Day	22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	計 Total
1	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—
4	0.0	1.9	0.0	—	—	—	1.9
5	—	—	—	—	—	—	—
6	—	—	—	0.0	—	—	0.0
7	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—
9	—	—	0.0	0.0	—	—	0.0
10	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—
14	—	0.0	0.2	1.7	1.6	0.0	3.5
15	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—
24	—	8.8	0.3	—	—	—	9.1
25	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—
30	—	—	—	0.0	—	—	0.0
31							
平均 Mean	0.0	10.7	0.5	1.7	1.6	0.0	14.5

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	15.6	16.3	20.2	23.6	23.0	18.2	19.4	24.7	14.6	10.1
2	18.7	20.9	28.6	30.7	27.4	27.4	25.6	31.5	17.1	14.4
3	21.4	22.1	26.8	28.3	21.4	18.3	23.1	29.7	17.9	11.8
4	17.0	16.5	21.1	22.5	22.1	14.3	18.9	23.2	14.2	9.0
5	16.9	17.4	19.4	20.4	19.3	14.8	18.0	21.7	14.0	7.7
6	14.1	15.4	17.9	17.7	18.2	14.5	16.3	19.2	13.1	6.1
7	14.0	16.4	22.6	25.3	23.0	19.7	20.2	26.4	13.8	12.6
8	17.9	19.8	23.2	25.4	21.0	20.2	21.3	26.3	17.0	9.3
9	18.2	17.9	18.9	22.3	22.6	19.2	19.9	23.3	17.6	5.7
10	16.9	17.6	20.6	22.9	21.2	18.5	19.6	24.5	16.4	8.1
11	17.8	19 6	23.4	25.6	24.0	20.6	21.8	26.8	17.0	9.8
12	19.8	18.2	23.3	24.3	20.7	17.7	20.7	25.4	17.4	8.0
13	16.8	18.2	21.6	23.9	20.3	18.2	19.8	25.5	16.4	9.1
14	17.3	18.0	19.3	18.7	18.0	17.1	18.1	19.9	16.9	3.0
15	16.8	19.3	22.5	26.0	23.4	19.0	21.2	28.4	16.4	12.0
16	18.7	19.0	25.5	25.5	22.2	17.8	21.5	26.6	17.6	9.0
17	17.9	19.9	21.3	23.1	21.2	19.5	20.5	23.8	17.3	6.5
18	18.0	18.5	23.6	27.3	25.9	21.3	22.4	27.8	17.3	10.5
19	21.1	23.8	28.4	31.9	27.0	22.0	25.7	32.0	17.9	14.1
20	22.4	20.7	23.0	22.7	22.0	19.3	21.7	25.3	19.1	6.2
21	18.6	19.9	25.7	26.0	24.1	18.3	22.1	27.5	17.7	9.8
22	18.8	20.5	26.3	26.6	22.2	20.5	22.5	28.0	17.1	10.9
23	19.2	18.8	21.9	22.2	19.9	19.2	20.2	23.7	18.5	5.2
24	19.9	18.5	18.0	20.2	20.7	16.7	19.0	21.9	16.5	5.4
25	16.6	18.6	26.5	26.4	22.8	19.3	21.7	28.8	16.1	12.7
26	20.4	18.6	22.6	25.0	21.4	19.0	21.2	25.6	18.0	7.6
27	18.9	19.4	25.3	25.8	22.6	20.5	22.1	27.0	17.8	9.2
28	19.5	20.5	27.8	29.4	26.3	22.1	24.3	30.7	18.9	11.8
29	21.6	22.8	28.1	28.5	24.9	22.1	24.6	29.2	20.4	8.8
30	21.3	20.5	21.7	23.1	21.5	19.3	21.2	23.7	19.3	4.4
31										
平均 Mean	18.4	19.1	23.2	24.7	22.3	19.2	21.1	25.9	17.0	9.0

濕度 (百分率) REL. HUMIDITY. (%)

Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	97	99	77	39	31	41	64
2	34	30	21	20	24	20	25
3	36	32	28	27	49	68	40
4	84	90	51	33	27	66	59
5	52	60	48	37	50	58	51
6	54	65	56	58	56	75	61
7	80	65	39	29	37	34	47
8	40	48	47	34	45	53	45
9	69	71	75	61	53	66	66
10	77	79	66	59	67	80	71
11	65	50	40	35	37	47	46
12	58	50	36	38	51	80	52
13	77	77	60	44	58	63	63
14	79	70	72	86	83	80	78
15	87	72	57	42	53	69	63
16	68	71	46	48	57	87	63
17	84	78	68	52	62	80	71
18	92	85	46	39	38	41	57
19	31	40	31	26	23	54	34
20	57	76	66	68	68	83	70
21	74	68	46	44	45	92	62
22	74	58	46	47	59	74	60
23	89	94	74	75	88	92	85
24	93	100	80	58	55	79	78
25	77	63	36	38	42	65	54
26	47	68	56	46	69	94	63
27	92	89	58	48	54	69	68
28	74	76	43	43	46	57	57
29	63	55	45	43	51	61	53
30	80	89	79	73	81	97	83
31							
平均 Mean	69	69	53	46	52	68	60

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	10 ck	0 —	0 —	0 —	4.0	7.10	13.8
2	10 cs	0 c	0 c	0 —	0 —	2.0	12.85	16.9
3	0 —	0 —	10 cs	10 cs	10 sk	6.0	10.80	10.6
4	10 n	5 c,ck,sc	1 c, kn	2 ck	2 c, ck	4.0	9.87	12.4
5	1 cs	10 cs	10 cs, c, k	2 k	0 cs	4.6	13.20	10.1
6	4 sk, ck	10 k	8 k	2 k	0 —	4.8	9.12	8.8
7	1 c	0 —	0 —	0 —	0 —	0.2	13.32	13.0
8	0 —	0 —	0 —	1 cs	7 cs	1.6	12.90	11.0
9	10 sk, sc	10 sk	10 sk	10 ke, sc	0 ck	8.0	1.90	7.8
10	7 c, cs	0 —	6 c	1 c	0 —	2.8	12.85	10.5
11	8 sk, k	1 c	7 ke,ck,c	10 c	0 c	5.2	10.90	14.2
12	0 k, c	0 —	10 cs	10 c, cs	6 c	5.2	11.35	9.5
13	10 cs	10 sc	10 sc, ck	10 c, ck	10 sc	10.0	10.10	8.1
14	10 n	10 n	10 n	10 sk	10 n	10.0	0.00	3.3
15	0 —	0 —	3 c	10 c	0 —	2.6	13.10	8.7
16	2 c	10 c	10 c	10 c, cs	0 —	6.4	13.00	8.9
17	10 c,ck,cs	10 sk	10 sk	10 sc	10 sk	10.0	2.20	6.2
18	10 ck, sc	2 c	1 c	0 —	0 —	2.6	12.25	13.9
19	10 c	10 ck	7 c	10 ck	0 —	7.4	12.80	13.8
20	10 cs, kc	10 c, cs	10 c, cs, k	2 ck	0 —	6.4	9.15	8.7
21	1 cs	2 c	8 ck	3 ck	0 —	2.8	13.30	10.9
22	2 cs	0 ck	0 c	2 c	0 —	0.8	13.05	10.8
23	10 s, k, c	4 cs, s	10 cs, s	10 sk, s	10 sk, s	8.8	9.20	7.5
24	10 n	10 kc,k,sk	10 sc,cs,sk	9 sc	0 —	7.8	1.70	8.4
25	9 c, cs	10 c, cs	8 c, cs	10 cs, ck	3 cs	8.0	10.85	12.0
26	9 cs	2 cs	0 c	5 c	0 —	3.2	13.45	8.7
27	10 c, ck	10 ck, cs	10 ck	10 sc	10 sk	10.0	9.60	9.5
28	8 c	5 kc,k,sk	7 kn,kc,ck	8 cs, sc	0 —	5.6	11.30	10.4
29	10 cs	10 ck, sc	10 ck	10 sk, sc	10 ck, sc	10.0	7.85	7.8
30	10 sk	10 sc, n. k	10 sk,sc,k	10 kc, sc	5 sk, s	9.0	0.99	5.5
31								
平均 Mean	6.7	5.7	6.5	6.2	3.1	5.7	290.05	301.7

* 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

昭和五年六月　　DAIREN.　　JUNE, 1930.

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	12.3	13.6	13.6	8.5	6.5	6.4	10.2	18.6	39.6	16.2	24.8	19.8	20.1	20.8	20.4	17.6	13.2	11.3	10.8	10.0	14.1	30.9
2	5.4	5.7	6.3	6.6	6.6	5.6	6.0	19.0	48.5	23.0	30.2	21.1	21.0	20.6	20.4	17.9	13.4	11.5	11.0	10.1	15.9	40.1
3	6.8	6.4	7.4	7.6	9.2	10.8	8.0	21.9	44.0	20.0	28.6	22.6	22.0	22.1	21.5	18.1	13.4	11.5	11.0	10.1	17.3	36.9
4	12.1	12.5	9.5	6.8	5.4	8.1	9.1	17.0	36.6	15.2	22.9	20.4	20.9	21.3	21.4	18.4	13.6	11.7	11.1	10.3	12.5	29.9
5	7.4	8.9	8.1	6.6	8.3	7.3	7.8	17.5	34.5	12.8	21.6	19.5	19.6	20.8	20.7	18.4	13.9	11.8	11.2	10.3	12.4	27.6
6	6.5	8.5	8.6	8.7	8.8	9.2	8.4	15.7	33.6	14.0	21.1	18.6	18.7	20.1	20.2	18.4	13.9	12.0	11.4	10.4	10.8	27.3
7	9.5	9.1	8.1	7.0	7.8	5.9	7.9	15.6	49.1	17.0	27.2	18.8	18.3	19.6	20.1	18.3	14.1	12.0	11.4	10.4	11.0	34.5
8	6.1	8.4	9.9	8.3	8.4	9.4	8.4	19.7	52.2	19.0	30.3	21.1	20.2	20.8	20.6	18.9	14.2	12.4	11.5	10.5	15.8	35.9
9	10.7	10.9	12.1	12.3	10.9	10.9	11.3	18.5	30.6	18.2	22.4	20.7	21.0	21.6	21.1	18.4	14.4	12.2	11.5	10.6	16.7	32.8
10	11.0	11.8	12.0	12.4	12.6	12.6	12.1	19.5	30.4	19.6	23.2	20.8	21.0	20.7	20.6	18.5	14.4	12.5	11.7	10.8	15.3	34.3
11	9.8	8.5	8.5	8.6	8.3	8.4	8.7	21.1	45.0	19.1	28.4	22.1	21.3	21.7	21.2	18.7	14.4	12.5	11.8	10.7	16.1	34.5
12	9.9	7.9	7.8	8.6	9.4	12.1	9.3	18.0	44.5	18.5	27.0	22.5	21.8	22.1	21.7	19.0	14.6	12.6	12.0	10.9	15.9	33.7
13	10.9	12.0	11.6	9.7	10.2	9.8	10.7	20.3	52.8	19.9	31.0	22.1	21.6	22.3	21.7	19.0	14.6	12.7	12.0	10.7	13.7	38.7
14	11.6	10.8	12.0	13.7	12.8	11.6	12.1	18.8	21.9	16.4	19.0	20.0	21.6	22.4	21.9	19.3	14.7	12.8	12.0	10.9	15.9	22.0
15	12.4	11.9	11.6	10.6	11.3	11.3	11.5	16.8	45.2	19.5	27.2	19.9	19.2	20.3	20.4	19.2	14.9	12.8	12.1	10.9	14.5	38.0
16	10.9	11.6	11.2	11.6	11.3	13.1	11.6	18.5	47.1	19.8	28.5	22.4	21.3	21.8	21.5	19.0	15.0	12.9	12.1	11.1	14.4	35.4
17	12.8	13.5	12.8	10.9	11.7	13.5	12.5	21.7	34.4	21.0	25.7	22.5	22.0	22.4	22.0	19.3	15.1	13.0	12.3	11.2	16.5	31.6
18	14.1	13.4	10.0	10.4	9.5	7.7	10.9	20.0	49.0	18.0	29.0	22.1	21.5	21.9	21.7	19.4	15.2	13.2	12.4	11.2	15.4	36.4
19	5.8	8.8	9.0	9.4	6.3	10.6	8.3	22.9	55.2	22.2	33.4	23.2	22.1	22.7	22.4	19.4	15.2	13.2	12.4	11.2	15.3	41.8
20	11.5	13.8	14.0	14.0	13.3	13.8	13.4	22.8	36.7	19.5	26.3	23.4	23.2	23.5	23.0	19.7	15.2	13.3	12.4	11.2	17.6	36.3
21	11.8	11.8	11.2	10.9	10.3	14.4	11.7	19.7	49.2	20.0	29.6	23.5	22.6	23.1	22.7	19.9	15.0	13.5	12.6	11.4	16.7	38.2
22	11.9	10.4	11.7	12.0	11.8	13.2	11.8	20.0	52.9	21.0	31.3	23.8	23.0	23.6	22.9	20.0	15.3	13.5	12.5	11.4	15.9	39.0
23	14.7	15.2	14.4	14.9	15.2	15.3	15.0	21.3	46.2	21.7	29.7	23.6	23.6	24.1	23.4	20.[illegible]	15.7	13.5	12.7	11.5	17.8	34.0
24	16.1	15.8	12.3	10.3	10.0	11.1	12.6	20.0	23.2	16.0	19.7	21.9	22.3	23.5	23.3	20.5	15.7	13.7	12.7	11.4	15.3	28.4
25	10.8	10.1	9.3	9.9	8.6	10.8	9.9	16.5	39.2	19.2	25.0	19.8	19.3	21.1	21.5	20.4	15.9	13.8	12.9	11.6	13.7	40.0
26	8.4	10.9	11.4	10.9	13.1	15.4	11.7	19.0	47.5	20.0	28.8	21.9	21.2	22.1	22.0	20.7	16.2	14.0	12.9	11.7	17.1	38.4
27	14.9	14.9	14.1	11.9	11.1	12.4	13.2	20.4	47.0	22.0	29.8	23.8	22.6	23.1	22.7	20.2	16.1	14.0	13.0	11.7	16.7	37.9
28	12.5	13.6	12.1	13.2	11.7	11.3	12.4	21.0	52.7	23.0	32.2	24.3	23.5	23.9	23.3	20.4	16.2	14.0	13.1	11.8	16.9	44.1
29	11.6	11.3	12.7	12.3	12.0	12.2	12.0	23.8	45.1	23.4	30.8	25.7	24.8	25.1	24.4	20.7	16.4	14.2	13.2	11.9	18.1	40.8
30	15.1	16.0	15.3	15.4	15.4	16.1	15.6	22.8	34.0	21.6	26.1	24.1	25.3	24.8	24.4	20.7	16.4	14.3	13.4	11.9	17.7	31.0
31																						
平均 Mean	10.8	11.3	11.0	10.5	10.3	11.0	10.8	19.6	42.3	19.2	27.0	21.8	21.6	22.1	21.8	19.3	14.9	12.9	12.1	11.0	15.5	35.0

記　事
REMARKS.

日 Day	記事 REMARKS.
1	♒°9h30–18h00.
2	
3	⊕°a.p. ♒°4h00–20h00.
4	⊎°p. ●°1h48–3h20. ●°4h50–6h40. T°W 1h30…☾1h40…☾1(W-SW) 1h48…☾2(SW-Z) 2h07…☾2(Z-SE) 2h25… …☾1SE 2h50…☾°(SE-E) 3h15…T°E 3h40.
5	⊕°p.
6	♂°p. ●°13h25–13h31.
7	♃°a.
8	♒22h–
9	●°7h50–9h15. ●°12h35–13h20. –♒–2.4.20h–
10	–♒–3.21.24h–
11	–♒–1.19h–
12	⊕°p. –♒–4h.
13	∞°a.♂1p.
14	∞°a.♏°p. ●°5h20–17h35. ●°18h47–19h15.
15	⊕°p.
16	⊕°a
17	
18	
19	♒7.23–24h.
20	♏1a.
21	∞°a.
22	
23	⊕1p. ♒21h–
24	●°2h05–●12h20–●°4h10–8h45. –♒–6h.
25	♒23h–
26	♃°.♂°p. –♒–3h.
27	♃°a.
28	∞°a.
29	∞°a.⊕1♂1p.
30	♂1p. ●°10h05…10h50. ●11h20…12h00.
31	

營口
YINGKOW.

昭和五年六月 JUNE, 1930.

日 Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean
1	51.6	51.9	50.1	49.0	48.5	49.5	50.1
2	48.3	48.3	49.5	49.1	49.3	51.0	49.3
3	51.5	51.4	52.0	51.9	52.1	54.1	52.[illegible]
4	55.1	55.4	54.6	52.7	51.9	51.8	53.6
5	50.9	52.9	52.0	51.1	51.6	53.1	51.9
6	53.0	53.0	53.8	53.6	54.1	55.5	53.8
7	55.9	56.2	56.7	55.7	55.4	56.9	56.1
8	56.9	56.9	57.8	57.0	57.0	58.4	57.3
9	58.6	59.2	60.9	59.5	59.0	60.4	59.6
10	62.2	62.4	61.4	59.8	58.8	59.5	60.7
11	58.8	58.7	57.5	56.3	55.8	57.8	57.5
12	58.1	57.9	57.9	57.6	57.2	59.2	58.0
13	58.9	58.8	58.8	58.2	57.7	58.7	58.5
14	57.8	59.1	59.7	60.0	59.0	59.4	59.2
15	59.6	59.8	59.5	57.8	57.8	59.1	58.9
16	59.1	59.0	59.1	57.6	57.1	57.8	58.[illegible]
17	57.7	58.4	58.7	58.7	58.8	58.8	58.5
18	58.7	59.0	58.6	57.1	55.8	56.0	57.5
19	54.6	5[illegible].4	52.9	51.6	51.1	51.9	52.6
20	52.0	51.9	52.0	51.3	50.7	52.2	51.7
21	52.0	52.0	52.2	51.1	50.4	51.7	51.6
22	52.7	52.[illegible]	53.3	52.7	53.3	54.4	53.1
23	56.3	55.1	56.7	54.6	5[illegible].7	5[illegible].5	55.0
24	53.2	52.7	54.9	54.4	54.1	54.6	54.0
25	54.5	54.3	54.9	54.3	53.7	54.1	54.[illegible]
26	54.3	54.9	54.8	53.7	53.7	54.4	54.3
27	54.1	54.4	54.7	54.8	55.1	56.0	54.9
28	55.9	55.9	56.0	55.1	54.5	55.2	55.4
29	55.2	55.4	55.4	54.9	53.3	53.9	54.7
30	54.0	54.0	54.3	54.7	55.2	56.1	54.[illegible]
31							
平均 Mean	55.4	55.5	55.7	54.9	54.5	55.5	55.2

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	2.7	SE	2.4	SSW	3.5	SSW	2.6	SW	4.1	S	3.5	3.6
2	S	5.8	SSW	4.1	SSW	3.2	SSW	4.1	SSW	2.0	SSW	1.3	3.5
3	E	0.9	S	4.7	SSW	5.7	SSW	5.1	S	1.5	N	4.7	3.1
4	N	5.3	NE	1.8	NNE	2.6	W	2.3	SW	5.7	SW	4.1	3.3
5	SW	1.9	N	4.3	N	4.9	N	4.7	N	5.3	NNW	3.0	4.1
6	NW	4.2	NNW	3.5	NNW	3.7	N	5.3	N	3.3	N	1.2	3.4
7	W	0.9	SE	1.9	SW	5.1	SW	4.1	SW	5.4	SSW	3.0	3.2
8	SSW	4.2	SSW	3.1	SSW	5.8	SSW	4.7	SSW	4.7	SSE	2.6	4.6
9	SE	2.6	SE	4.1	SE	1.3	SE	4.7	SE	7.3	SE	2.7	4.0
10	ESE	1.9	SE	1.7	SE	6.3	S	5.9	SW	4.1	S	0.9	3.4
11	SE	1.8	SE	3.6	S	8.3	S	11.1	S	6.8	SW	1.2	5.7
12	W	4.9	SSE	4.7	S	5.8	SW	6.4	SW	3.8	N	0.5	4.3
13	SE	0.5	SE	1.4	SW	3.3	W	4.9	W	2.8	SW	1.3	2.4
14	SW	0.6	SW	1.6	SW	1.8	W	2.0	SW	1.8	NW	0.9	1.1
15	NE	1.2	NE	0.7	NE	2.3	W	5.4	SW	4.1	W	2.7	2.8
16	S	4.1	S	2.9	SSW	5.7	SSW	5.7	SSW	6.0	S	3.8	4.9
17	SSE	2.8	SSE	3.7	S	5.9	SW	4.2	W	1.3	N	1.8	4.0
18	N	1.4	N	0.6	SW	2.6	W	4.7	SSW	3.5	SSW	3.4	2.3
19	S	4.3	S	5.8	SSW	7.6	SSW	7.6	SSW	8.8	S	6.4	6.3
20	S	5.9	SSW	6.1	SSW	6.9	SSW	7.0	SSW	4.1	S	3.3	5.4
21	SE	2.8	S	3.7	SSW	5.9	SSW	4.7	SSW	4.9	S	2.9	4.5
22	S	1.7	SSE	4.1	SSW	7.6	SSW	6.7	SSW	4.7	S	4.7	4.8
23	SSE	4.7	SE	4.4	S	2.9	SSE	8.0	SSE	8.8	SSE	7.0	4.9
24	SSE	3.7	SE	2.3	NNE	3.2	NNE	2.9	NNE	1.1	SW	2.3	2.6
25	S	1.3	S	2.5	S	5.4	S	5.8	S	7.0	SSE	4.7	4.2
26	S	2.9	S	4.1	S	4.0	SSW	5.8	SSW	6.3	SE	2.8	4.1
27	SE	2.5	SSE	4.1	S	5.5	W	4.1	SW	1.9	S	1.2	3.2
28	S	0.5	ESE	0.5	N	1.1	N	1.9	W	2.4	WNW	1.3	1.4
29	SE	1.1	SE	1.4	SW	4.1	W	3.8	SW	2.5	S	1.3	2.3
30	S	0.9	S	0.6	S	1.8	SSW	4.1	SSW	4.4	SSW	1.8	2.[illegible]
31													
平均 Mean		2.7		3.0		4.5		5.0		4.3		2.7	3.6

日 Day	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	合計 Total
1	—	0.2	3.5	—	—	—	3.7
2	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—
4	1.8	2.7	—	—	—	—	4.5
5	—	—	—	0.0	0.1	—	0.1
6	—	—	0.5	0.3	—	—	0.8
7	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—
9	—	—	0.3	0.1	0.0	0.0	0.4
10	2.7	1.8	0.2	—	—	—	4.7
11	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—
14	—	—	—	—	0.0	—	0.0
15	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—
17	—	—	—	—	1.1	0.1	1.2
18	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—
22	—	—	—	—	—	0.0	0.0
23	—	—	—	—	—	—	—
24	—	27.3	10.4	—	—	—	37.7
25	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—
27	—	—	0.0	—	—	—	0.0
28	—	—	—	—	—	0.0	0.0
29	—	—	—	—	—	—	—
30	—	—	—	0.0	—	—	0.0
31							
平均 Mean	4.5	32.0	14.9	0.4	1.2	0.1	53.1

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	18.7	18.0	19.4	23.9	21.5	18.7	20.0	25.0	16.3	8.7
2	18.3	18.3	23.2	27.8	24.5	18.6	21.8	29.3	16.6	12.7
3	16.9	16.6	21.9	21.9	22.4	19.8	19.9	25.1	15.2	9.9
4	18.0	15.3	20.5	22.7	20.3	17.6	19.1	24.0	14.4	9.6
5	16.2	13.0	18.4	20.3	19.0	14.6	16.9	21.5	12.2	9.3
6	14.4	13.4	16.2	18.8	19.7	15.3	16.3	20.6	12.7	7.9
7	11.0	11.2	21.8	24.8	21.6	18.1	18.1	25.2	10.0	15.2
8	18.2	18.3	24.5	25.9	24.3	19.5	21.8	27.3	16.9	10.4
9	18.4	20.1	21.5	23.5	24.2	21.0	21.5	25.4	16.7	8.7
10	18.0	17.2	23.7	26.5	23.1	18.6	21.2	27.3	16.6	10.7
11	18.1	18.7	26.2	26.9	25.2	22.2	22.9	27.8	17.5	10.3
12	19.8	20.5	25.5	24.2	23.1	18.7	22.0	27.1	18.6	8.5
13	16.7	15.3	25.0	25.6	23.2	19.7	20.9	27.3	14.5	12.8
14	17.3	18.0	22.5	23.9	21.5	18.2	20.2	24.7	16.1	8.6
15	16.1	16.4	30.1	29.8	24.9	19.9	22.9	32.2	15.0	17.2
16	20.0	20.3	25.1	26.1	24.7	22.5	23.1	27.6	18.2	9.4
17	20.8	21.2	24.4	23.7	20.4	18.0	21.4	25.8	17.5	8.3
18	16.4	16.0	22.4	25.0	23.0	20.0	20.5	26.3	14.2	12.1
19	21.3	21.7	23.8	27.5	23.7	23.1	23.5	28.8	18.9	9.9
20	21.9	21.3	26.5	29.5	25.5	21.4	24.4	31.0	20.2	10.8
21	19.0	21.5	24.7	27.3	25.0	21.5	23.2	28.0	17.4	10.6
22	20.5	21.4	26.0	28.9	26.5	24.2	24.6	30.7	17.6	13.1
23	21.9	21.1	28.2	30.7	25.3	22.5	25.0	31.8	18.8	13.0
24	22.2	19.5	17.2	22.2	23.1	19.2	20.6	24.2	13.8	10.4
25	17.0	18.2	20.6	24.2	23.4	21.0	20.7	25.2	15.4	9.8
26	21.0	19.8	24.5	25.7	22.7	18.7	22.1	26.8	19.2	7.6
27	17.8	21.1	23.9	26.0	22.9	21.5	22.2	27.7	17.2	10.5
28	20.0	18.6	24.7	30.5	25.7	21.3	23.5	31.5	18.1	13.4
29	18.9	18.1	26.0	27.7	25.0	20.3	22.7	28.7	16.7	12.0
30	20.0	20.5	27.0	26.0	23.4	21.4	23.1	27.8	18.7	9.1
31										
平均 Mean	18.5	18.4	23.5	25.6	23.3	19.9	21.5	27.1	16.4	10.7

日 Day	濕度 (百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean
1	80	95	85	48	46	51	68
2	44	66	52	34	39	73	51
3	57	54	60	64	61	68	61
4	73	87	54	40	47	51	59
5	70	81	50	46	49	68	61
6	65	76	78	55	54	77	68
7	84	85	55	38	48	71	64
8	60	54	59	40	44	44	47
9	50	55	67	54	47	70	57
10	88	87	56	47	65	76	70
11	77	78	43	42	42	63	58
12	75	55	36	64	63	88	63
13	58	59	52	55	72	86	64
14	90	87	64	54	56	76	71
15	78	82	36	44	56	83	63
16	83	74	54	55	58	76	67
17	67	74	59	71	90	98	77
18	98	99	66	46	66	81	76
19	67	65	59	46	54	47	56
20	50	82	59	41	64	62	60
21	80	73	56	53	58	70	65
22	69	67	44	38	53	53	54
23	70	59	45	32	48	59	52
24	76	93	82	57	60	83	75
25	87	83	64	61	49	51	66
26	60	67	47	60	66	74	62
27	85	85	75	71	88	97	84
28	99	100	77	43	64	83	78
29	94	94	55	55	63	97	76
30	98	95	63	64	66	79	76
31							
平均 Mean	74	77	58	51	58	72	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 WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION
1	10 n	10 sc	3 k	0 —	0 —	4.6	10.30	10.7
2	0 —	0 —	0 —	0 —	0 —	0.0	14.32	9.4
3	0 c	10 cs, sc	10 sc	10 sc	10 n	8.0	10.90	6.4
4	10 sk	0 k	0 k	0 k	0 —	2.0	13.02	7.8
5	10 kc	10 kc	10 n	4 kc	10 kc	8.8	7.30	4.9
6	10 kc	10 kn	10 kn	6 kc	0 —	7.2	6.85	5.1
7	0 —	5 c	0 k	0 —	3 ck	1.6	13.80	9.7
8	0 c	0 —	0 k	0 —	4 c	0.8	13.93	9.8
9	10 kc	10 n	10 n	10 sk, kc	10 sk, n	10.0	1.40	4.4
10	10 sk	10 kc	5 ck, k	0 —	0 —	5.0	9.81	8.1
11	10 ck, kc	6 ck	4 c	10 sc	10 sc	8.0	10.40	10.7
12	10 kc	3 k	10 sc, kc	10 sc	10 sc	8.6	8.[illegible]0	7.5
13	7 ck	10 ck	10 c, sk	10 sc	0 —	7.4	13.30	6.4
14	10 c	10 sc	10 sc	10 sc, kc	6 cs, c	9.2	0.55	4.8
15	0 —	0 —	2 c	10 c	0 —	2.4	14.18	10.2
16	4 c	10 c	10 c	10 cs. sc	10 cs	8.8	13.50	9.0
17	10 cs, sc	10 sc	10 sc, sk	10 sk, n	10 sk	10.0	1.70	4.8
18	0 c	0 —	0 —	0 —	0 —	0.0	14.40	9.1
19	1 c	10 c	10 c	10 c	4 c	7.0	14.30	10.9
20	2 c	10 c, cs	10 c	10 c	0 —	6.4	12.53	9.2
21	0 c	0 —	0 —	0 c	0 —	0.0	14.50	10.1
22	3 c	3 c	0 —	10 sk	10 sk	5.2	12.10	12.0
23	10 sc, sk	10 cs	10 cs	10 sk	10 sk	10.0	9.73	10.9
24	10 n	10 sk, kc	10 c	10 c	0 —	8.0	8.75	5.7
25	0 —	0 —	0 —	0 —	0 —	0.0	14.26	9.1
26	10 c, cs	10 kc	0 —	0 —	0 —	4.0	9.20	7.9
27	10 ck, kc	10 kc	10 ck, c	10 sc	10 sc	10.0	10.90	5.7
28	10 c	10 kc	3 c	10 sk, n	4 sk	7.4	2.60	6.5
29	10 sc, k	10 c	10 cs	10 sc, k	0 —	8.0	14.00	6.8
30	10 kc	10 kc	10 sc, sk	10 sc	0 —	8.0	4.40	5.8
31								
平均 Mean	6.2	6.9	5.9	6.3	4.0	5.9	304.93	239.4

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

奉天

昭和五年六月 **MUKDEN.** JUNE, 1930.

氣壓※(粍) AIR PRESSURE. (mm) (700 mm +)

Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	46.4	45.4	45.1	43.9	43.7	44.3	44.8
2	43.4	43.7	44.5	44.3	44.7	46.7	44.6
3	48.2	48.3	47.7	46.7	47.5	50.3	48.1
4	50.5	50.6	49.9	47.6	46.7	47.3	48.8
5	47.1	47.7	46.9	46.1	46.6	47.8	47.0
6	47.4	48.0	49.2	48.8	49.3	50.8	48.9
7	51.2	51.5	51.7	50.2	49.8	51.8	51.0
8	51.8	52.6	53.0	51.8	52.4	51.1	52.6
9	54.1	54.9	55.5	56.2	55.6	57.3	55.6
10	57.6	57.6	57.2	55.6	54.6	55.5	56.4
11	54.8	54.9	53.3	51.8	51.7	52.8	53.2
12	52.7	53.1	53.1	53.1	53.7	54.4	53.4
13	54.5	55.1	54.9	53.8	53.0	54.1	54.2
14	54.4	54.9	55.1	54.1	54.2	55.3	54.7
15	55.6	55.8	55.2	52.8	52.6	53.6	54.3
16	54.8	54.9	54.6	52.3	52.1	53.3	53.7
17	52.7	53.6	54.0	54.2	54.2	54.5	53.9
18	51.0	54.5	54.3	52.3	50.9	50.6	52.8
19	49.4	47.7	47.0	45.7	45.1	46.5	46.9
20	46.4	47.1	46.8	46.3	45.5	47.7	46.6
21	47.9	47.9	47.7	45.9	45.6	47.0	47.0
22	47.3	47.6	47.9	47.5	48.3	50.2	48.1
23	51.7	51.4	52.9	50.3	49.6	49.7	50.9
24	49.3	49.7	50.2	50.1	49.6	50.0	49.8
25	49.9	49.5	49.7	48.9	48.7	49.4	49.4
26	49.9	50.5	49.6	48.6	49.1	50.1	49.6
27	50.0	50.3	50.5	50.1	50.2	51.5	50.4
28	52.0	51.9	51.8	50.6	49.6	50.2	51.0
29	50.8	51.3	50.7	49.3	48.7	49.6	50.1
30	49.7	50.2	50.2	49.3	50.1	51.5	50.2
31							
平均 Mean	50.9	51.1	51.0	49.9	49.8	50.9	50.6

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	S	5.5	SW	7.6	SW	7.8	NW	6.9	W	2.7	WSW	4.0	6.0
2	SW	8.9	WNW	5.5	NW	8.2	WNW	8.6	NW	6.5	NE	3.1	5.8
3	NE	3.6	ENE	5.7	ESE	5.8	W	6.4	NNE	5.1	NE	0.6	4.7
4	NW	6.2	NNW	2.5	WNW	2.4	WSW	7.2	SW	7.6	W	3.3	3.9
5	NNW	4.4	NW	3.0	NW	5.4	N	3.4	NNW	5.4	NNW	3.0	4.6
6	N	3.3	NNW	3.6	N	5.1	NNE	5.7	NNE	3.6	E	1.8	4.2
7	SSE	1.8	SW	4.2	SW	4.7	W	4.1	WSW	6.3	SSW	6.8	4.3
8	SSW	6.4	S	4.4	SW	7.4	WSW	9.1	SW	7.8	S	4.9	6.7
9	SSE	3.0	SSE	6.3	SW	10.9	SSE	8.2	SE	6.3	SSE	5.8	7.1
10	S	4.6	SSE	1.9	SW	6.4	WSW	9.0	SSW	5.7	S	2.9	5.1
11	SE	4.5	S	3.6	SSW	6.9	SW	10.6	WSW	10.0	S	5.0	6.2
12	SSW	5.0	SW	7.3	SW	10.4	W	5.8	W	3.5	SSW	3.6	5.9
13	SE	1.3	SSW	0.5	ESE	1.3	ESE	2.0	SSW	1.9	SW	2.5	1.6
14	SSW	2.0	SSE	2.2	W	1.6	WNW	3.5	WSW	6.0	W	1.7	2.4
15	S	2.0	SSW	1.7	SSE	0.9	NE	3.7	NNE	2.2	W	2.5	2.2
16	SSW	3.0	SSW	1.9	SW	4.4	W	3.6	SW	6.3	SW	5.5	4.4
17	S	4.8	SSW	7.9	WSW	10.7	W	5.0	N	2.3	NNW	2.7	5.6
18	NW	1.5	SW	2.0	SW	2.1	W	3.2	W	3.7	WSW	4.4	2.3
19	SSW	5.6	SW	6.2	WSW	6.5	SW	8.3	WSW	9.3	SW	7.6	8.0
20	SW	8.2	SW	9.7	SW	9.2	SW	11.7	WSW	8.3	WSW	4.4	8.4
21	SSW	1.2	SSE	2.9	SSW	5.1	WSW	7.7	W	6.0	SW	5.5	4.8
22	SSW	6.0	S	4.0	SW	10.1	WSW	11.8	WSW	9.5	SW	5.1	7.6
23	W	5.6	SSE	4.4	WSW	6.5	SSW	9.3	SSW	8.9	SSE	3.4	5.7
24	SW	5.6	NE	3.7	N	2.3	SSW	2.1	SSW	2.9	S	3.6	3.5
25	S	3.7	S	3.9	SW	7.8	WSW	11.6	SW	8.6	SW	6.3	6.7
26	SE	4.0	SW	6.3	SSW	9.3	SW	10.3	WSW	9.0	SSW	4.7	6.4
27	S	3.0	S	1.9	W	5.3	W	1.9	NW	2.8	NE	2.9	3.4
28	WNW	1.7	N	1.3	NNE	2.5	W	2.2	NNW	3.2	WNW	3.7	2.3
29	SSW	2.0	SW	2.2	WSW	4.6	W	3.5	WSW	3.7	SW	3.2	3.4
30	SSW	2.9	S	2.7	S	3.0	SW	2.6	WSW	5.5	WSW	3.3	3.4
31													
平均 Mean		4.0		4.0		5.8		6.3		5.7		3.9	4.9

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	—	0.3	4.7	—	—	—	5.0
2	—	—	—	—	—	—	—
3	—	—	—	—	—	0.5	0.5
4	2.0	7.6	—	—	0.0	0.0	9.6
5	0.0	0.4	—	1.0	1.9	0.8	4.1
6	0.4	0.0	0.1	—	—	—	0.5
7	—	—	—	—	0.0	—	0.0
8	—	—	0.0	—	—	—	0.0
9	—	—	—	0.2	1.3	4.3	5.8
10	—	—	—	—	0.0	—	0.0
11	—	0.6	0.1	—	0.0	0.0	0.7
12	0.0	0.2	—	0.0	0.0	—	0.2
13	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—
17	—	—	—	0.0	4.1	6.9	11.0
18	—	0.2	—	—	—	—	0.2
19	—	—	—	—	—	—	—
20	—	—	—	0.1	—	—	0.1
21	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—
24	—	13.4	24.1	0.0	—	—	37.5
25	—	—	—	—	—	—	—
26	0.2	0.9	0.1	—	—	—	1.2
27	—	1.1	—	—	—	—	1.1
28	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—
31							
平均 Mean	2.6	24.7	29.1	1.3	7.3	12.5	77.5

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	19.0	17.1	18.7	23.8	23.1	16.3	19.7	24.5	16.3	8.2
2	14.7	15.8	24.6	28.3	28.0	20.0	21.9	29.4	13.2	16.2
3	16.1	17.5	27.6	29.4	26.1	19.7	22.7	30.4	15.5	14.9
4	15.9	14.6	19.4	23.1	20.1	15.6	18.1	23.7	14.5	9.2
5	14.0	12.7	16.3	15.1	13.5	12.8	14.1	18.2	12.3	5.9
6	12.1	11.9	14.8	19.2	19.2	13.6	15.1	20.1	11.4	8.7
7	10.3	12.8	21.8	27.8	25.6	17.7	19.3	28.6	10.0	18.6
8	17.4	17.3	26.0	30.4	26.0	18.9	22.7	30.5	13.8	16.7
9	15.9	18.2	25.6	19.5	18.6	17.7	19.3	26.9	15.2	11.7
10	17.0	17.0	24.6	27.6	25.1	19.7	21.8	28.2	15.4	12.8
11	17.1	17.5	24.9	28.7	25.8	21.9	22.7	29.7	16.7	13.0
12	19.4	20.4	26.1	27.6	25.6	20.6	23.3	29.3	19.0	10.3
13	18.6	19.5	26.9	30.4	29.1	21.6	24.4	32.0	16.0	16.0
14	17.9	19.7	27.4	29.0	28.1	20.5	23.8	30.5	15.9	14.6
15	16.6	18.5	28.9	33.4	32.3	25.6	25.9	34.7	15.2	19.5
16	18.8	21.0	28.7	33.1	30.3	24.7	26.1	33.9	17.2	16.7
17	21.6	22.0	25.8	24.2	19.1	17.1	21.6	26.4	17.0	9.4
18	15.4	14.7	20.3	26.3	27.3	19.6	20.6	29.0	14.3	14.7
19	16.8	20.3	29.5	33.7	30.2	23.1	25.6	34.8	16.7	18.1
20	21.8	21.7	27.6	30.3	30.6	23.0	25.8	32.4	21.1	11.3
21	16.7	21.0	28.2	32.8	30.6	22.9	25.4	33.4	15.7	17.7
22	19.8	22.3	29.6	33.8	30.6	25.2	26.9	33.9	19.5	14.4
23	22.5	21.5	27.3	31.7	28.8	23.4	25.9	32.9	20.4	12.5
24	22.5	15.7	14.2	21.1	22.8	17.1	18.9	24.2	13.1	11.1
25	15.3	17.6	24.0	27.8	24.7	19.1	21.4	27.9	15.3	12.6
26	18.2	18.5	24.7	29.7	26.4	20.4	23.0	30.2	17.5	12.7
27	17.8	19.6	25.2	30.0	29.5	23.8	24.3	31.4	16.7	14.7
28	19.6	22.1	27.4	30.7	29.7	23.4	25.5	31.4	18.7	12.7
29	17.6	20.3	28.4	32.8	29.1	21.7	25.0	33.4	17.0	16.4
30	18.8	20.8	29.3	32.1	26.1	21.5	24.8	32.9	17.5	15.4
31										
平均 Mean	17.5	18.3	24.8	28.1	26.1	20.3	22.5	29.5	15.9	13.6

濕度(百分率) REL. HUMIDITY. (%)

Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	48	94	89	33	36	53	60
2	76	70	28	22	25	47	45
3	67	61	37	37	41	82	54
4	94	90	60	47	48	77	69
5	80	87	64	84	95	92	84
6	97	96	82	60	63	93	82
7	100	93	57	35	40	65	65
8	57	59	40	32	40	61	48
9	69	73	48	80	85	88	74
10	92	93	60	49	62	75	72
11	85	91	60	49	59	70	69
12	80	73	54	40	58	79	64
13	92	73	47	39	37	59	58
14	79	86	58	48	47	76	66
15	97	82	49	33	32	49	57
16	82	74	54	37	43	57	58
17	74	70	52	69	100	99	77
18	100	100	85	55	46	79	78
19	79	64	43	35	38	58	53
20	50	59	56	43	36	57	50
21	87	70	56	37	38	71	60
22	81	74	47	36	41	56	56
23	73	81	53	40	45	66	60
24	76	100	97	73	77	96	87
25	100	89	78	55	65	72	77
26	86	81	62	47	57	69	67
27	74	86	78	53	45	53	65
28	73	64	50	36	36	66	54
29	94	89	56	33	43	78	64
30	89	82	53	39	64	86	69
31							
平均 Mean	81	80	59	46	51	71	65

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 n	10 s	10 ≋	10 sc	5 s	9.0
2	0 —	0 —	0 —	0 c	0 —	0.0
3	0 —	0 —	10 ≋	10 ck	10 s, ku	6.0
4	7 s, sk	2 sk	5 k, sk, ck	4 k, kn	8 kc, s	5.2
5	9 kc, k	10 sk, s	10 n, k	10 n	10 n	9.8
6	10 n, s	10 s, sk	8 k, sk	4 k, kc	0 —	6.4
7	8 kc, s	0 c	7 k, sk	3 k, ck	0 —	3.6
8	10 s, kc	1 ck, k	4 k	10 cs, s	8 c, cs	6.6
9	8 sk, c	10 cs, c	10 n	10 kn	10 s	9.6
10	8 sk, s	2 sk, s	7 sk, s	5 sk	2 ck	4.8
11	10 n	4 ck, c	10 cs, ck	10 s, sc	10 kc, s	8.8
12	10 s, sk	3 c, ck	10 s, sk	10 sc, s	10 s, cs	8.6
13	10 c, cs	10 c	10 c, cs	10 ck	6 cs, s	9.2
14	10 ck, c	10 cs	10 cs, sk	10 cs, ck	0 —	8.0
15	0 —	0 —	0 —	10 cs, c	2 s	2.4
16	8 c	10 c, cs	10 c, cs, sk	10 ck, s	2 s	8.0
17	10 cs	10 sc, s	10 n	10 n	10 s	10.0
18	10 ≡	0 sk	2 sk	0 —	0 —	2.4
19	0 ck	0 sk	9 ck, c	6 s, sk	2 s	3.4
20	10 s	10 s	10 sc, s	8 c, ck	0 —	7.6
21	2 c, cs	0 c	1 c, k	0 —	0 —	0.6
22	3 c	3 c, sk	10 ck, cs	10 kc, sc	7 s, c	6.6
23	10 s, ck	10 sk, s	10 cs, c	10 s c, s	10 s	10.0
24	10 n	10 n	10 c, cs, s	7 c	0 —	7.4
25	0 —	1 c	2 sk	0 ck	8 s	2.2
26	10 n	1 sk	0 sk	9 cs, sk	0 —	4.0
27	8 kc, s, sk	7 sk	8 sk, k	10 cs, sk	8 s	8.2
28	5 c, s	2 c	7 k, c	9 ck, k	0 —	4.6
29	6 c	10 c	10 k, cs	10 s, sc	0 —	7.2
30	6 c, cs	10 ck, cs	10 cs, k	10 s, ck	1 kn	7.4
31						
平均 Mean	6.9	5.2	7.3	7.5	4.3	6.3

Day	日照時數 No. of hours with sunshine.	蒸發量 Amount of evaporation (粍)
1	4.80	9.7
2	11.80	13.0
3	7.23	10.4
4	10.78	7.3
5	2.94	3.1
6	7.92	6.0
7	11.86	11.3
8	8.41	13.9
9	4.22	5.7
10	11.85	8.4
11	7.38	10.7
12	5.37	8.4
13	12.30	7.5
14	10.75	7.8
15	13.60	11.6
16	11.75	11.8
17	2.00	3.8
18	9.70	10.0
19	11.96	14.8
20	4.05	10.8
21	13.80	14.0
22	11.72	14.7
23	5.24	12.2
24	7.62	6.0
25	13.62	9.9
26	9.22	10.8
27	11.82	9.2
28	12.87	9.2
29	11.17	9.9
30	12.75	9.3
31		
平均 Mean	280.50	292.6

※ 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

昭和五年六月 **CHANGCHUN.** JUNE, 1930.

氣壓 ※(粍) AIR PRESSURE. (mm) (700 mm +)

Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	29.1	27.8	26.5	26.2	26.7	26.7	27.2
2	25.5	25.3	26.4	27.7	29.6	31.3	27.6
3	33.5	34.9	35.2	34.7	34.0	33.9	34.4
4	33.7	33.6	32.3	32.9	30.8	31.8	32.5
5	31.1	30.4	30.2	29.7	30.7	31.8	30.7
6	32.2	33.0	34.1	33.4	33.6	35.0	33.6
7	34.2	34.0	34.6	34.3	34.1	35.1	34.4
8	35.4	37.0	37.7	36.5	35.7	38.8	36.9
9	39.2	40.4	40.2	39.4	41.3	41.7	40.4
10	42.0	42.7	41.9	40.6	39.5	40.0	41.1
11	39.6	39.5	38.7	37.3	36.7	36.7	38.1
12	35.8	35.7	36.7	37.3	38.1	39.0	37.1
13	39.6	40.1	40.4	39.6	40.1	40.3	40.0
14	40.4	40.7	40.9	39.7	39.4	40.8	40.3
15	40.9	41.2	41.1	39.5	39.4	40.4	40.4
16	40.3	40.2	39.5	37.3	37.2	36.9	38.6
17	36.6	36.6	37.2	37.7	37.8	38.2	37.4
18	37.9	37.2	36.8	34.8	34.0	34.2	35.8
19	33.3	32.4	31.8	30.9	29.7	30.9	31.5
20	30.7	32.0	32.4	31.7	31.3	33.0	31.9
21	32.8	32.6	32.3	30.9	29.8	30.7	31.5
22	31.2	31.3	32.0	31.4	31.1	33.1	31.7
23	35.4	36.2	37.0	36.5	35.1	34.0	35.7
24	33.4	33.8	32.5	32.4	32.5	32.9	32.9
25	32.8	32.9	32.7	31.9	32.1	32.8	32.5
26	32.9	32.7	33.6	32.5	33.6	34.5	33.3
27	34.6	34.5	34.8	34.3	34.7	36.2	34.9
28	36.5	36.6	36.6	35.4	34.1	34.2	35.6
29	34.5	34.3	34.3	33.4	32.4	33.5	33.7
30	33.4	33.9	34.0	32.7	35.0	35.2	34.0
平均 Mean	35.0	35.1	35.1	34.4	34.3	35.1	34.8

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	7.0	SSW	8.9	S	12.8	WSW	11.7	W	11.2	SSW	3.8	8.3
2	SW	6.4	SW	3.5	W	11.1	W	11.7	W	7.6	WNW	5.5	6.9
3	NW	2.9	NNW	1.1	NE	2.8	NE	2.9	NE	5.0	—	0.2	2.6
4	—	0.0	WSW	0.6	WSW	5.0	W	10.5	W	3.2	—	0.2	3.1
5	WSW	2.9	W	3.5	SW	0.6	NNW	5.3	N	5.0	NNE	3.8	2.9
6	NNE	5.5	NNE	5.3	NNE	5.8	NNE	7.0	—	0.3	NW	2.0	4.3
7	SW	1.1	WSW	7.0	W	7.6	NNW	4.7	NNW	1.6	NNE	3.8	4.2
8	SSE	2.9	S	3.5	SE	3.5	SSW	5.5	SSW	5.8	E	2.0	4.0
9	SSE	3.5	SSE	1.8	S	5.3	WSW	4.8	S	1.6	ESE	1.9	3.2
10	SSE	1.2	SW	1.9	WSW	3.8	W	0.9	—	0.3	—	0.0	1.1
11	—	0.4	SSE	1.8	SSE	3.0	SSE	2.1	SSE	2.9	SSE	2.5	2.1
12	S	2.1	S	4.1	WSW	4.9	WSW	2.8	WSW	2.0	SW	1.6	2.7
13	—	0.0	—	0.4	WSW	0.5	SSE	2.3	SSE	1.1	—	0.1	1.3
14	—	0.0	SSE	1.2	E	0.6	NNE	2.7	NE	2.2	—	0.0	1.3
15	—	0.0	NE	0.6	ENE	2.9	ENE	3.9	E	1.8	ESE	2.0	2.1
16	SE	0.9	SE	2.0	SE	1.5	SSE	1.4	S	0.9	—	0.0	0.9
17	SSW	2.1	SSW	2.3	SW	5.8	W	6.2	NW	0.5	WNW	1.3	2.5
18	WSW	1.4	SSW	3.4	W	2.2	W	5.0	NW	1.6	—	0.0	2.8
19	SSW	0.6	SSE	1.5	SSE	2.0	ENE	1.3	W	0.6	SSW	0.8	1.0
20	SW	2.5	W	1.9	NNE	2.2	N	2.9	NE	3.5	NE	1.5	1.9
21	E	0.6	SSE	1.3	SSW	2.2	SSW	3.7	SSW	1.6	SSW	2.3	2.2
22	SSW	2.3	S	4.1	SW	5.6	SSW	4.8	SW	4.4	SW	5.0	3.9
23	SW	4.1	SW	2.7	SW	3.5	SSW	4.7	—	0.3	SSE	2.3	3.0
24	WSW	2.9	WSW	4.4	S	4.2	WSW	4.7	WSW	1.5	SSW	2.9	3.1
25	SSW	2.9	SSW	2.9	SSW	4.3	SSW	5.3	SW	4.7	SSW	4.1	4.0
26	SE	3.0	S	2.1	SSW	4.4	SSW	3.1	SSW	3.2	E	1.5	2.9
27	ESE	3.2	S	1.8	SW	2.3	NW	2.6	NNW	2.3	—	0.0	3.2
28	—	0.0	—	0.2	NW	1.3	—	0.2	W	0.9	W	0.5	0.7
29	W	0.6	—	0.2	WNW	1.4	NW	2.0	SW	1.4	SW	2.3	1.3
30	SW	2.3	SW	1.8	WSW	1.6	SW	1.6	ESE	3.0	S	2.6	2.1
平均 Mean		2.2		2.6		3.8		4.3		2.7		1.9	2.8

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	—	—	0.3	—	—	—	0.3
2	—	—	—	0.1	0.0	0.0	0.1
3	—	—	—	—	—	0.0	0.0
4	—	0.0	0.0	—	3.7	0.0	3.7
5	—	—	—	1.9	1.7	0.7	4.3
6	—	—	—	—	—	—	—
7	—	—	—	—	—	4.0	4.0
8	0.3	—	—	—	—	9.1	9.4
9	1.5	0.8	—	0.6	8.1	0.9	11.9
10	0.0	—	—	—	—	—	0.0
11	—	—	—	—	—	0.1	0.1
12	—	—	—	0.4	0.4	0.0	0.8
13	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—
17	—	—	—	—	1.6	0.6	2.2
18	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—
21	1.1	—	—	—	—	—	1.1
22	—	—	—	—	—	—	—
23	—	—	—	0.0	—	—	0.0
24	—	0.0	8.5	2.6	—	—	11.1
25	—	—	—	—	1.0	0.0	1.0
26	—	—	—	—	3.0	2.6	5.6
27	0.5	4.4	—	—	0.1	—	5.0
28	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—
30	—	—	—	1.0	12.2	0.0	13.2
平均 Mean	3.4	5.2	8.8	6.6	31.8	18.0	73.8

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	17.1	18.5	18.4	20.6	16.0	12.6	17.2	21.2	11.7	9.5
2	11.3	11.0	18.1	17.3	15.1	13.0	14.3	20.1	10.2	9.9
3	12.7	13.1	17.3	19.3	17.7	14.8	15.8	20.7	11.6	9.1
4	13.0	11.7	19.1	21.7	13.6	12.2	15.2	22.0	10.6	11.4
5	11.1	10.4	14.2	13.8	12.6	10.5	12.1	17.2	9.7	7.5
6	9.9	13.1	15.5	19.1	19.5	15.0	15.4	21.2	9.2	12.0
7	13.9	18.3	21.2	25.6	21.8	15.3	19.4	26.0	12.7	13.3
8	13.8	14.0	23.4	26.8	23.1	14.4	19.8	28.0	12.6	15.4
9	14.2	16.2	21.4	22.1	15.4	14.6	17.3	24.1	13.7	10.4
10	13.3	18.1	21.9	23.4	24.0	17.0	19.6	26.0	12.5	13.5
11	14.6	15.2	22.7	26.1	24.7	20.0	20.6	27.2	13.7	13.5
12	19.1	21.3	22.2	21.1	20.3	17.2	20.2	23.6	16.9	6.7
13	15.8	20.0	24.9	28.0	25.8	22.1	22.8	28.3	14.1	14.2
14	17.5	16.4	28.7	30.7	28.4	19.3	23.5	31.0	15.2	15.8
15	17.9	18.2	27.8	30.1	27.4	20.7	23.7	30.5	16.0	14.5
16	19.2	19.2	27.6	31.4	26.3	23.4	24.5	31.7	15.7	16.0
17	22.2	23.0	24.1	25.1	16.9	14.6	21.0	26.1	14.4	11.7
18	12.7	13.9	22.3	26.1	24.7	16.6	19.4	26.8	11.9	14.9
19	15.3	16.3	27.4	30.9	25.0	22.0	22.8	32.7	14.2	18.5
20	19.9	23.6	27.4	29.5	24.9	21.5	24.5	30.2	17.8	12.4
21	18.0	23.9	26.4	30.2	31.1	24.5	25.7	32.6	16.5	16.1
22	19.9	22.5	30.1	33.0	30.6	26.4	27.1	33.5	18.0	15.5
23	22.0	21.4	23.9	25.5	24.5	22.1	23.2	26.5	20.1	6.4
24	17.7	16.1	15.4	19.0	21.7	16.4	17.7	22.6	14.8	7.8
25	15.4	15.6	22.3	23.0	24.8	20.4	21.1	23.7	13.8	14.9
26	14.2	19.6	24.2	23.6	19.3	17.4	20.6	29.1	13.9	15.2
27	15.8	16.9	23.9	23.9	24.8	18.0	20.6	27.3	15.2	12.1
28	14.8	15.9	24.0	28.0	27.4	21.4	21.9	29.4	13.9	15.5
29	18.4	17.4	27.1	30.1	31.1	22.8	24.5	32.1	16.1	16.0
30	21.2	20.7	30.5	29.8	22.1	19.8	24.0	32.9	19.1	13.8
平均 Mean	16.1	17.4	23.1	25.5	22.8	18.2	20.5	27.0	14.2	12.8

濕度 (百分率) REL. HUMIDITY. (%)

Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	50	66	76	40	49	50	55
2	53	60	47	63	69	83	63
3	92	94	66	57	67	83	77
4	93	96	52	38	80	84	74
5	93	92	74	78	88	93	86
6	94	87	63	52	53	71	70
7	80	65	53	37	37	84	59
8	93	92	49	38	38	90	67
9	86	70	54	62	100	96	78
10	96	94	70	56	46	78	73
11	96	94	66	55	60	78	75
12	79	74	64	81	87	96	80
13	98	99	52	46	47	68	68
14	88	85	43	35	36	76	61
15	81	83	47	38	40	66	59
16	73	72	44	35	44	55	54
17	60	63	58	57	92	95	71
18	96	97	54	33	31	63	62
19	67	62	36	30	25	49	45
20	52	50	43	36	45	49	47
21	77	71	51	43	37	48	55
22	54	60	38	29	37	56	46
23	61	69	64	52	59	68	62
24	70	87	95	68	57	73	75
25	81	81	58	43	52	56	62
26	90	64	58	46	66	86	68
27	91	87	62	60	53	87	73
28	97	93	54	43	45	70	67
29	84	75	46	37	36	57	5[illegible]
30	69	70	47	50	70	76	64
平均 Mean	80	79	56	48	55	73	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 sc	10 sc	10 s	10 sc	10 sc	10.0	0.00	7.0
2	10 sk	10 sk	10 sc	10 n	10 sc	10.0	8.80	3.9
3	10 sc	10 kc	10 sc, k	10 sc	10 sc	10.0	4.80	4.5
4	10 n	0 s	6 k	10 kn	10 s	7.2	9.60	3.0
5	10 sk	10 sc	10 n	10 sc	8 cs	9.6	3.10	2.3
6	10 c	10 cs, s	8 sk	6 sk, c	10 sk	8.8	12.30	6.0
7	6 sk	10 kc	6 k	10 k	10 kn	8.4	10.70	5.5
8	0 —	0 c	8 k	10 sk	10 n	5.6	13.30	7.9
9	10 sk	10 ck, kc	10 n	10 n	9 sk	9.8	2.50	3.0
10	8 kc	8 k	5 k	0 —	0 —	4.2	13.80	5.3
11	0 —	10 sc	10 kc	9 ck, kc	10 sc	7.8	10.90	5.4
12	10 sc	10 sc	10 sk	10 n	10 c	10.0	0.60	1.3
13	5 c	10 c	4 k	6 cs, k	10 cs	7.0	12.50	6.0
14	3 c	10 c	10 c	0 —	0 —	4.6	13.30	7.0
15	10 c	0 k	0 k	10 c	0 —	4.0	13.20	9.5
16	8 c	0 —	0 —	9 sc	0 —	3.4	12.60	8.3
17	10 sc	10 sc	10 sc, sk	10 n	0 —	8.0	3.00	5.7
18	0 —	0 k	8 k	0 —	0 —	1.6	12.50	8.5
19	0 —	0 —	0 —	0 —	0 —	0.0	13.30	8.9
20	0 —	10 c, ck	10 c, cs	10 kc	10 sc	8.0	11.00	7.5
21	8 ck	10 sc	2 ck	0 ck	0 —	4.0	12.30	10.1
22	10 c	10 c, cs	0 —	10 sk	10 sk	8.0	12.80	12.7
23	10 sk	10 sc	10 sk	10 sk	10 sk	10.0	1.50	4.5
24	10 n	10 n	10 sk	0 k	0 —	6.0	0.00	4.6
25	10 c	8 ck, sc	4 k	10 kn	10 kn	8.4	12.20	6.5
26	0 —	0 k	7 c, k	10 sc, sk	10 sk	5.4	11.55	5.9
27	6 sk, k	0 k	10 sk	3 k	0 —	3.8	12.80	7.2
28	0 —	3 k	6 k	10 sk	0 —	3.8	13.50	9.4
29	0 —	1 k	8 k	6 k	0 —	3.0	18.75	7.9
30	10 c	9 c, ck	10 n	10 n	0 —	7.8	8.05	7.1
平均 Mean	6.5	6.6	7.1	7.3	5.6	6.6	280.25	196.0

※ 重力ノ更正 Reduction to standard gravity ..... — 0.1
海面ニノ更正 Reduction to mean sea level ..... + 18.7

旅順

昭和五年六月 RYOJUN. JUNE, 1930.

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	43.5	43.5	43.7	S	4.1	NNW	4.7	WSW	4.1	4.1	—	—	—	
2	44.1	44.1	45.0	44.4	W	11.1	W	10.9	WSW	1.7	7.8	—	—	—	
3	45.5	45.9	45.7	45.7	SW	5.8	SSE	3.7	SSE	3.9	3.1	—	—	—	
4	47.1	48.1	46.3	47.2	ENE	2.9	N	3.6	W	6.3	4.2	14.1	—	—	14.1
5	45.7	46.3	47.8	46.6	NW	8.2	N	2.7	W	2.6	5.2	—	—	—	—
6	47.1	48.4	50.0	48.5	N	2.1	NNW	5.8	WNW	5.3	4.2	—	—	—	—
7	50.3	50.8	51.6	50.9	WNW	3.4	WNW	7.0	W	1.3	4.1	—	—	—	—
8	51.8	52.2	52.9	52.3	SSE	0.9	SSE	4.7	S	3.3	2.6	—	—	—	—
9	53.4	54.0	54.5	54.0	SSE	2.8	SSE	2.2	SSW	10.9	4.3	—	0.0	—	0.0
10	55.4	55.0	53.5	54.6	S	3.6	SSE	5.5	SSE	1.6	4.2	—	—	—	—
11	52.8	52.7	51.9	52.5	S	2.7	SSE	3.8	SSE	1.8	3.3	—	—	—	—
12	52.3	52.8	52.6	52.6	S	4.1	SSE	4.8	SE	2.3	3.8	—	—	—	—
13	52.2	52.3	52.3	52.3	SE	0.5	SSE	5.1	ESE	2.2	2.5	—	—	—	—
14	52.1	53.0	52.2	52.4	SSW	0.5	E	6.3	E	2.2	2.2	—	6.1	0.1	0.2
15	52.7	53.0	53.4	53.0	N	4.9	SSE	3.5	W	1.8	2.8	—	—	—	—
16	53.7	53.3	53.2	53.4	SSW	1.7	SSE	2.2	SW	0.5	2.1	—	—	—	—
17	52.7	52.8	53.5	53.0	SSE	1.8	SSE	2.6	N	0.9	1.8	—	—	—	—
18	52.6	51.8	51.1	51.8	NNW	1.3	W	6.2	W	2.0	3.8	—	—	—	—
19	49.7	48.3	47.8	48.6	W	5.1	W	8.8	S	2.9	5.7	—	—	—	—
20	46.8	46.0	46.6	46.5	SW	2.9	SE	2.1	SE	1.8	2.9	—	—	—	—
21	46.4	46.2	46.2	46.3	SE	1.9	SSE	3.5	SE	1.4	2.2	—	—	—	—
22	46.6	47.9	49.3	47.9	NE	1.4	SSE	4.9	SE	2.3	3.6	—	—	—	—
23	49.8	49.7	48.7	49.4	SE	3.5	SE	5.9	SE	5.8	4.8	—	—	—	—
24	46.8	48.7	48.9	48.1	SSE	2.3	W	5.7	W	3.6	4.4	8.6	1.1	—	9.7
25	48.8	49.6	49.2	49.2	WSW	5.8	W	6.0	S	1.6	4.2	—	—	—	—
26	49.0	48.2	48.8	48.7	SSE	2.0	SSE	4.8	SE	3.3	2.9	—	—	—	—
27	48.8	48.7	49.4	49.0	SSE	1.5	SSE	3.4	—	0.1	1.9	—	—	—	—
28	49.2	49.5	49.4	49.4	E	4.2	NNE	2.1	NNE	5.1	2.4	—	—	—	—
29	49.2	49.1	48.0	48.8	—	0.2	W	4.0	SSE	1.8	1.3	—	—	—	—
30	47.3	49.1	50.0	48.8	—	0.1	S	4.1	SSE	2.3	2.0	—	0.0	0.0	0.0
31															
平均 Mean	49.5	49.7	49.8	49.6		3.1		4.7		2.8	3.5	22.7	7.2	0.1	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 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) EVAPORATION.
1	15.0	23.5	17.2	18.6	25.2	13.1	12.1	98	35	52	62	10 s, c	10 ≋	0 —	6.7	10.18	10.6
2	17.2	25.2	19.5	20.6	29.2	14.2	15.0	46	34	48	43	10 c, cs	8 cs	0 —	6.0	13.40	10.7
3	23.2	25.0	17.9	22.0	28.7	17.1	11.6	34	35	68	46	0 —	10 cs	10 sc	6.7	11.20	5.2
4	16.6	21.8	17.0	18.5	23.7	15.0	8.7	91	36	47	58	10 sk	0 —	10 k, sk	6.7	10.90	7.5
5	17.0	20.6	14.0	17.2	22.3	12.7	9.6	55	38	58	50	2 cs	10 cs	0 kc	4.0	13.80	8.1
6	14.0	17.4	13.9	15.1	18.7	12.0	6.7	76	57	76	70	0 —	5 k	0 sk, c	1.7	13.45	7.1
7	15.0	25.0	17.5	19.2	25.3	12.0	13.3	68	40	55	54	1 c, sk	0 —	0 —	0.3	13.80	6.7
8	16.2	24.6	17.5	19.4	25.2	13.9	11.3	67	42	71	6	0 k	0 —	4 kc	1.3	13.65	6.4
9	17.0	21.7	20.4	19.7	23.9	15.5	8.4	74	63	57	65	10 sk	10 sk	3 c, sk	7.7	4.28	6.1
10	16.4	23.2	19.9	19.8	24.3	15.3	9.0	80	60	80	73	2 kc, c	1 c	0 —	1.0	13.70	6.5
11	16.2	23.2	21.5	20.3	24.4	13.9	10.5	67	48	45	53	0 kc	1 kc	10 c	3.7	13.10	9.5
12	17.2	21.5	18.0	18.9	24.0	15.5	8.5	55	61	75	64	3 sk	10 cs	7 c	6.7	13.20	6.2
13	17.5	24.0	18.2	19.9	25.7	15.9	9.8	73	51	67	64	8 c, cs	10 cs, kc	10 sk	9.3	9.70	5.3
14	17.2	17.2	18.5	17.7	19.8	15.3	4.5	75	88	69	77	10 sk	10 n	10 sk	10.0	0.00	0.9
15	17.2	24.4	18.2	19.9	26.0	15.5	10.5	90	53	68	70	3 kc	0 —	0 —	1.0	13.60	7.5
16	16.9	25.4	18.4	20.2	28.2	15.7	12.5	77	53	83	71	1 cs	10 c, cs	0 kc	3.7	14.05	5.8
17	17.4	21.4	19.4	19.4	23.0	16.0	7.0	91	73	85	83	10 sk	10 sk	10 sk	10.0	0.88	5.0
18	17.2	26.4	17.8	20.5	27.0	16.4	10.6	93	46	81	73	10 ck, cs	1 c	1 c	4.0	13.30	8.5
19	19.3	27.8	21.2	22.8	29.0	17.0	12.0	69	41	53	54	9 cs	7 c, cs	2 cs	6.0	12.90	8.3
20	21.2	24.2	18.2	21.2	24.7	17.2	7.5	76	63	89	76	10 sc, sk	10 c, cs	0 kc	6.7	9.00	5.4
21	16.8	24.5	18.0	19.8	28.0	15.5	12.5	81	56	92	77	2 c	3 c, ck	0 —	1.7	13.92	8.9
22	17.8	24.3	19.8	20.6	25.3	16.6	8.7	75	62	79	72	0 —	0 —	0 —	0.0	14.00	7.1
23	18.6	23.0	19.6	20.4	25.2	17.7	7.5	91	76	89	83	10 sk	10 cs	10 sc, s	10.0	8.70	6.3
24	18.4	19.5	17.7	18.5	21.2	15.7	5.5	95	62	68	75	10 n	10 sc, kc	8 cs, sk	9.3	5.15	5.9
25	17.4	27.0	18.2	20.9	28.2	15.2	13.0	87	25	78	67	8 c, kc	10 c, cs	0 —	6.0	12.70	7.7
26	17.0	22.2	19.4	19.5	24.6	16.3	8.3	76	61	87	75	10 c, cs	0 —	0 —	3.3	14.20	7.2
27	17.0	24.7	20.0	20.6	25.0	16.1	8.9	95	58	76	76	10 kc, ck	8 kc, c	10 s	9.3	10.90	7.2
28	20.0	30.2	21.6	23.9	31.5	18.5	13.0	68	35	63	55	9 kc	2 k, c	0 —	3.7	12.40	9.4
29	21.4	29.2	21.2	23.9	29.3	19.3	10.0	51	40	72	54	10 cs	10 cs	0 —	6.7	9.25	5.0
30	20.3	23.7	19.7	21.2	24.2	19.5	4.7	86	71	90	82	10 sk	10 sk	10 kc, sk	10.0	0.00	4.0
31																	
平均 Mean	17.7	23.7	18.6	20.0	25.4	15.7	9.7	75	52	71	66	6.3	6.2	3.8	5.4	319.31	205.0

* 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

昭和五年六月 **ANZAN.** JUNE, 1930

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	46.6	46.4	46.6	46.5	SW	4.7	NW	2.9	W	2.3	3.5	—	4.6	—	4.6
2	43.8	46.4	47.6	45.9	SW	5.8	N	3.5	SW	1.8	3.5	—	—	—	—
3	48.1	48.6	50.7	49.1	E	2.7	WSW	4.1	NE	2.7	2.0	—	—	—	—
4	52.1	50.5	48.8	50.5	E	1.8	WNW	1.8	WSW	1.3	1.5	1.0	—	—	1.0
5	48.8	47.5	49.1	48.5	NNE	1.3	N	5.3	NNE	3.5	3.6	—	0.5	1.6	2.1
6	49.4	49.4	50.8	49.9	NNE	3.8	NNE	6.3	—	0.0	3.5	—	0.3	1.3	1.6
7	52.7	52.0	53.0	52.6	S	2.6	WSW	2.9	WSW	3.4	3.3	—	—	—	—
8	53.3	53.6	54.6	53.8	SSW	4.3	WSW	5.3	SSW	2.2	5.0	—	—	—	—
9	56.2	56.2	58.1	56.8	SSW	5.3	SSE	4.7	NNE	3.2	4.9	—	1.1	0.0	1.1
10	58.6	56.2	56.6	57.1	SW	3.8	WSW	4.7	SW	2.3	4.2	2.3	—	—	2.3
11	55.7	52.7	54.3	54.2	SW	2.8	SW	5.8	SW	2.3	3.9	0.0	0.3	—	0.3
12	54.4	53.3	55.5	54.4	WSW	2.9	SW	5.3	—	0.0	3.2	—	0.4	—	0.4
13	56.2	54.5	55.6	55.4	SW	1.1	S	2.1	SW	1.1	1.6	—	—	—	—
14	55.5	55.2	56.6	55.8	—	0.3	W	1.4	SW	2.6	1.2	—	—	—	—
15	56.9	54.9	55.5	55.8	—	0.0	NE	3.3	SSW	6.2	2.2	—	—	—	—
16	55.3	54.1	54.2	54.5	SSW	1.8	WSW	4.1	SSW	2.6	3.7	—	—	—	—
17	57.1	55.8	55.6	56.2	S	3.5	SW	4.8	NW	1.1	3.6	—	—	1.5	1.5
18	55.1	53.7	52.2	53.7	—	0.0	W	2.9	SW	6.2	2.2	0.5	—	—	0.5
19	49.3	48.1	46.6	48.0	SW	5.8	WSW	6.1	SW	7.5	5.7	—	—	—	—
20	48.1	48.1	48.9	48.4	SW	8.2	SW	5.8	SW	2.9	5.9	—	—	—	—
21	48.4	48.0	48.1	48.2	SSW	2.3	SW	4.7	SW	3.5	3.7	—	—	—	—
22	48.8	48.9	51.2	49.6	SSW	3.4	SW	6.4	SW	2.3	4.6	—	—	—	—
23	53.0	50.8	50.7	51.5	SSW	1.2	SW	6.4	SSW	7.5	5.3	—	0.0	—	0.0
24	51.7	51.1	51.2	51.3	W	5.3	NE	1.8	S	1.5	2.3	1.8	41.0	—	42.8
25	50.4	50.1	50.7	50.4	SSW	3.8	SW	7.0	SSW	3.0	5.2	—	—	—	—
26	51.5	49.8	51.8	51.0	SSW	4.2	SW	5.3	S	1.2	4.5	—	—	—	—
27	50.5	51.6	52.2	51.4	SSW	4.7	SW	4.1	WSW	1.1	3.4	0.0	0.0	—	0.0
28	53.1	51.8	51.9	52.3	—	0.0	NE	2.9	NW	1.5	1.5	—	—	—	—
29	51.8	51.1	50.7	51.2	WNW	1.8	WSW	2.3	SW	2.3	2.4	—	—	—	—
30	50.8	51.1	52.8	51.6	SW	0.9	W	1.4	SSW	2.4	1.8	—	—	25.2	25.2
31															
平均 Mean	52.1	51.4	52.1	51.9		3.0		4.2		2.7	3.4	5.6	48.2	29.6	83.4

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	18.8	23.4	19.1	20.4	26.3	16.8	9.5	74	44	59	59	10 sk	7 sk	5 sk	7.3	7.10	10.3
2	18.5	28.7	19.9	22.4	29.7	16.8	12.9	37	20	46	34	0 —	0 —	0 —	0.0	13.30	10.9
3	16.7	29.4	21.5	22.5	29.6	15.0	14.6	43	31	52	42	7 sk	10 ck	10 sk	9.0	9.80	9.8
4	14.5	22.1	16.7	17.8	24.8	13.9	10.4	83	36	57	59	10 sk	6 k	2 cs	6.0	9.80	8.1
5	13.1	17.1	12.7	14.3	19.8	12.3	7.5	77	66	92	78	10 sk	10 n	7 ck	9.0	6.20	5.4
6	12.4	17.7	13.9	14.7	20.3	12.3	8.0	83	59	92	78	10 sk	9 sk	5 sk	8.0	2.90	5.3
7	12.3	24.2	19.3	18.6	27.8	10.5	17.3	82	46	45	56	9 ck, sk	4 ck	0 ck	4.3	10.20	12.3
8	18.5	29.0	20.7	22.7	30.2	17.4	12.8	31	23	40	31	7 cs	3 cs	0 —	3.3	10.90	12.7
9	20.1	18.7	21.1	20.0	25.2	18.4	6.8	44	74	55	58	4 cs	10 n	10 n	8.0	2.20	5.3
10	18.7	27.5	21.1	22.4	29.3	16.5	12.8	60	38	58	52	6 sk	8 cs, sk	3 sk	5.7	10.00	9.2
11	20.5	29.8	23.0	24.4	30.8	17.7	13.1	60	28	46	48	10 n	6 ck	8 sk	8.0	6.10	10.0
12	20.5	31.0	21.5	24.3	31.5	19.7	11.8	52	27	67	49	9 cs, sk	7 ck	5 ck	7.0	4.80	8.4
13	14.0	30.8	24.0	22.9	31.6	13.6	18.0	77	27	58	54	3 cs	5 cs	10 sk	6.0	9.30	7.4
14	16.6	26.6	20.5	21.2	26.8	16.3	10.5	88	47	63	66	6 cs	10 sk	6 cs	7.3	2.40	5.7
15	16.1	32.5	23.2	23.9	24.0	15.3	8.7	73	28	47	49	0 —	1 cs	0 —	0.3	12.60	11.2
16	18.9	32.2	25.2	25.4	32.5	18.5	14.0	66	31	47	48	1 cs	7 cs	6 sk	4.7	11.70	10.6
17	22.8	26.0	18.1	22.3	27.0	17.8	9.2	51	47	91	63	10 ck	10 ck	10 n	10.0	2.90	5.1
18	16.5	26.8	21.1	21.5	29.2	14.5	14.7	43	41	59	48	10 sk	3 k	0 —	4.3	11.90	13.1
19	22.1	33.2	25.0	26.8	34.2	18.8	15.4	35	25	38	33	0 —	7 cs	0 —	2.3	11.40	16.0
20	23.0	32.4	24.9	26.8	34.0	22.4	11.6	43	27	46	39	8 sk	9 cs	0 —	5.7	8.20	11.9
21	18.5	31.8	24.0	24.8	32.7	17.3	15.4	50	30	54	45	1 cs	2 cs	0 —	1.0	13.00	13.4
22	21.1	33.2	27.0	27.1	33.8	20.5	13.3	59	28	42	43	1 cs	2 cs	6 sk	3.0	10.70	11.3
23	20.5	32.0	24.8	25.8	32.7	19.8	12.9	65	29	46	47	9 cs, ck	7 cs	10 sk	8.7	5.30	14.0
24	16.7	19.3	18.4	18.1	24.9	13.0	11.9	94	67	87	83	10 n	8 cs	2 sk	6.7	6.40	6.0
25	17.2	26.8	20.0	21.3	27.2	16.2	11.0	75	42	59	59	0 —	9 ck	0 —	3.0	10.50	10.2
26	21.1	28.4	20.5	23.9	30.7	19.2	11.5	47	25	54	45	8 sk	8 ck	2 ck	6.0	6.20	7.9
27	22.0	27.8	24.2	24.7	29.0	17.1	11.9	57	54	68	60	10 n	9 cs, ck	9 sk	9.3	7.80	7.0
28	18.8	29.4	23.1	23.8	30.7	18.5	12.2	94	33	67	65	6 cs	3 k	0 —	3.0	8.80	8.2
29	18.3	30.6	23.8	24.2	31.4	17.3	14.1	76	35	59	57	0 cs	9 cs, ck	2 sk	3.7	10.60	7.7
30	18.5	30.2	21.1	23.3	30.9	17.7	13.2	76	39	81	65	7 cs	9 sk	5 cs	7.0	8.40	7.4
31																	
平均 Mean	18.2	27.6	21.3	22.4	28.9	16.7	12.2	63	39	59	53	6.1	6.6	4.1	5.6	249.80	281.8

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

開　　原
KAIYUAN.

昭和五年六月　　JUNE, 1930.

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	40.9	39.5	39.7	40.0	SW	8.2	WSW	6.1	SSE	2.2	6.7	0.0	2.6	—	2.6
2	38.5	38.9	42.8	40.1	SW	6.0	WNW	5.8	NNE	2.3	4.2	—	—	—	—
3	45.1	43.5	45.9	44.8	NNE	2.3	ENE	1.2	ENE	0.9	2.9	—	—	0.0	0.0
4	46.1	43.3	43.1	44.2	NW	2.9	W	5.4	N	1.2	2.6	0.5	—	0.0	0.5
5	42.6	40.7	43.1	42.1	NW	1.5	WNW	3.4	NW	4.2	3.8	4.4	3.3	0.5	8.2
6	43.4	44.7	48.5	45.5	N	4.1	NNE	3.4	N	1.2	3.8	1.5	0.0	0.0	1.5
7	46.9	45.9	47.2	46.7	SSE	3.7	SW	4.0	W	4.7	3.7	0.2	0.0	0.2	0.4
8	47.9	48.1	49.5	48.5	SSW	1.8	W	4.7	S	4.2	4.8	—	—	6.6	6.6
9	50.3	51.1	52.5	51.3	S	5.1	SW	11.7	SSE	1.8	6.4	—	—	0.3	0.3
10	53.7	51.4	50.7	51.9	S	2.9	WSW	6.4	SSW	2.8	3.9	0.1	0.0	—	0.1
11	50.5	47.9	47.8	48.7	S	2.2	SSW	7.6	S	2.6	4.9	—	0.0	—	0.0
12	48.6	48.5	50.1	49.1	SSW	5.3	SW	6.4	ENE	1.8	5.2	—	0.0	0.0	0.0
13	50.9	50.3	50.2	50.5	ESE	3.1	E	1.1	ENE	1.2	1.4	—	—	—	—
14	50.6	49.7	50.3	50.2	ENE	1.2	NW	1.8	SW	1.6	1.9	—	—	—	—
15	51.7	49.5	49.9	50.4	—	0.1	N	3.0	NNE	1.1	2.4	—	—	—	—
16	51.0	48.8	48.6	49.5	SSW	1.6	S	2.6	SW	5.3	2.8	—	—	—	—
17	48.4	49.5	50.1	49.3	SSW	5.8	WSW	5.8	NNW	1.2	5.1	—	0.0	2.0	2.0
18	50.2	48.1	45.8	48.0	S	2.3	WSW	3.9	S	3.3	2.9	0.4	—	—	0.4
19	43.1	41.6	41.9	42.2	SSW	4.7	WSW	4.1	S	2.9	4.8	—	—	—	—
20	42.5	41.9	42.8	42.4	SSW	2.9	SSW	7.0	SSW	2.9	5.9	—	0.0	—	0.0
21	43.7	41.9	42.7	42.8	SSW	2.3	SW	6.8	SSW	2.1	4.2	—	—	—	—
22	43.5	42.8	46.1	44.1	S	2.3	SW	7.6	SW	4.7	6.1	—	—	—	—
23	47.5	46.8	45.7	46.7	SSW	3.7	S	4.7	SSW	3.5	4.7	—	0.0	—	0.0
24	46.0	45.4	45.4	45.6	NW	1.5	SW	3.5	S	3.3	2.7	9.1	26.3	—	35.4
25	44.8	45.9	45.4	45.4	S	5.8	SSW	6.8	SSW	4.3	5.6	—	—	—	—
26	44.9	44.2	45.0	44.7	SSW	7.0	SSW	7.0	SSW	3.6	6.1	0.0	—	—	0.0
27	46.1	45.5	47.7	46.4	SSW	2.9	W	3.2	NW	2.1	3.0	—	—	—	—
28	57.3	46.7	45.9	46.6	NW	0.9	NNE	2.0	W	1.3	1.4	—	—	—	—
29	46.3	45.1	45.2	45.5	S	2.8	W	1.2	S	4.1	3.7	—	0.0	0.0	0.0
30	46.4	45.0	46.9	46.1	—	0.2	SSW	4.3	SSW	5.3	3.8	—	—	—	—
31															
平均 Mean	46.6	45.7	46.6	46.3		3.2		4.8		2.8	4.1	16.2	32.2	9.6	58.0

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	20.1	22.4	13.8	18.8	23.2	13.6	9.6	61	25	57	48	10 n	10 cs	0 —	6.7	6.60	9.8
2	14.3	26.5	18.6	19.8	27.0	11.6	15.4	68	21	49	46	0 —	10 c	0 —	3.3	12.80	11.6
3	12.1	26.8	20.0	19.6	27.7	10.8	16.9	74	31	66	57	2 c	10 sc	10 n	7.3	10.40	8.7
4	14.6	22.6	16.0	17.7	23.5	13.8	9.7	80	28	56	55	10 n	9 sk	10 sc	9.7	7.35	7.4
5	11.5	16.6	13.4	13.8	17.1	11.0	6.1	90	64	86	80	10 n	10 kn	10 n	10.0	4.55	3.8
6	11.8	17.4	13.1	14.1	20.3	11.0	9.3	90	63	81	78	10 n	10 n	1 c	7.0	5.35	5.5
7	13.6	25.2	18.2	19.0	26.3	11.3	15.0	81	32	64	59	9 sk	8 k	7 c	8.0	8.50	9.4
8	14.6	28.9	18.2	20.6	30.4	13.8	16.6	69	19	65	51	3 c	1 k	10 cs	4.7	9.70	11.8
9	16.7	24.9	15.6	19.1	27.9	15.2	12.7	58	36	82	59	10 kc	10 n	10 cs	10.0	5.00	7.5
10	15.1	28.2	21.6	21.6	29.0	13.8	15.2	98	36	58	64	3 k	6 k	7 k	5.3	9.90	10.9
11	18.8	27.6	23.6	23.3	29.2	16.1	13.1	67	42	51	54	9 sc	7 k	10 n	8.7	7.80	12.8
12	21.6	27.6	21.0	23.4	29.3	20.4	8.9	51	34	80	55	10 sk	10 n	10 sc	10.0	3.50	7.6
13	15.8	28.6	23.1	22.5	29.6	15.2	14.4	86	39	55	60	7 c	7 k	2 k	5.3	9.65	9.6
14	18.0	31.7	23.4	24.4	32.0	16.8	15.2	79	32	46	52	3 c	8 k	2 c	4.3	10.30	10.9
15	14.8	32.0	24.1	23.6	33.0	14.2	18.8	77	80	43	67	0 —	0 —	0 —	0.0	14.20	13.7
16	17.0	31.5	27.3	25.3	32.8	16.2	16.6	70	30	38	46	10 c	6 c	7 c	7.7	12.00	14.4
17	23.9	24.1	17.3	21.8	27.3	16.7	10.6	46	58	90	65	8 c	10 n	10 n	9.3	2.60	4.4
18	15.1	26.1	18.1	19.8	28.4	13.5	14.9	94	43	46	61	4 c	5 k	0 —	3.0	11.30	13.6
19	19.0	32.3	25.6	25.6	34.3	17.3	17.0	50	25	35	37	0 k	6 k	0 —	2.0	12.40	16.9
20	20.5	31.8	23.6	25.3	33.6	19.3	14.3	43	29	40	37	4 c	10 sk	7 sk	7.0	7.90	15.6
21	18.3	32.7	23.3	24.8	33.6	15.0	18.6	66	26	42	45	8 c	2 c	0 —	3.3	13.20	16.5
22	20.6	33.9	24.2	26.2	34.0	18.9	15.1	62	24	47	44	2 c	6 k	9 sk	5.7	12.10	16.7
23	21.5	28.6	26.3	25.5	32.1	21.2	10.9	56	35	35	42	10 sk	10 sk	10 sc	10.0	2.30	8.1
24	16.1	18.5	17.6	17.4	26.3	13.5	12.8	94	76	85	85	10 n	8 k	2 c	6.7	6.70	5.0
25	16.6	23.3	20.4	21.1	27.3	14.8	12.5	78	54	48	60	0 —	2 k	8 n	3.3	12.90	12.2
26	19.5	29.2	23.1	23.9	29.9	18.5	11.4	57	36	50	48	10 sk	2 c	3 c	5.0	10.90	12.6
27	17.1	28.5	22.9	22.8	30.2	15.6	14.6	67	40	48	52	3 k	5 k	0 —	2.7	12.40	10.5
28	15.1	28.6	22.8	22.2	29.7	13.6	16.1	87	31	53	57	0 —	7 k	0 —	2.3	12.60	10.3
29	17.7	30.7	22.8	23.7	32.0	16.7	15.3	80	31	57	56	0 —	8 k	0 —	2.7	12.80	11.2
30	17.6	32.5	24.4	24.8	32.8	16.6	16.2	80	27	58	55	3 c	7 k	1 cs	3.7	13.70	13.5
31																	
平均 Mean	17.0	27.4	20.8	21.7	29.0	15.2	13.8	72	38	57	56	5.6	7.0	4.9	5.8	231.40	319.2

※ 重力ノ更正　Reduction to standard gravity……— 0.2
海面ヘノ更正　Reduction to mean sea level……+ 8.1

鄭家屯

昭和五年六月 CHENGCHIATUN. JUNE, 1930.

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	38.5	38.2	38.4	38.4	WSW	10.0	NNW	12.4	WSW	1.9	8.3	0.5	0.0	—	0.5
2	37.1	38.4	43.7	39.7	NW	2.6	N	7.3	NE	2.9	4.5	—	—	—	—
3	46.3	45.4	45.2	45.6	NE	1.1	ENE	4.0	NE	3.2	2.6	—	0.0	—	0.0
4	46.0	42.7	42.8	43.8	NNW	4.6	WNW	7.4	NNW	3.4	4.5	—	—	0.1	0.1
5	42.4	41.3	44.2	42.6	NNW	4.1	NNE	6.2	NE	3.0	4.5	0.2	4.3	3.4	7.9
6	44.6	45.4	46.8	45.6	NE	4.4	ENE	5.0	W	0.9	4.1	0.6	—	—	0.6
7	45.8	45.3	46.2	45.8	SW	1.2	NNW	2.3	E	7.6	2.1	—	—	2.1	2.1
8	48.4	46.1	46.9	47.1	S	0.9	WSW	4.1	WSW	8.8	3.0	0.2	—	0.1	0.3
9	49.4	49.8	50.9	50.0	SW	3.7	N	2.0	SSW	2.5	2.6	—	0.2	3.9	4.1
10	53.3	50.8	50.5	51.5	WSW	1.9	SE	1.1	SSE	1.4	1.2	—	—	—	—
11	50.7	47.5	47.9	48.7	S	4.1	—	0.0	SW	2.4	2.6	—	—	0.0	0.0
12	47.3	49.0	50.1	48.8	WSW	3.9	NW	3.5	SW	5.5	3.0	—	—	1.6	1.6
13	50.7	50.4	50.8	50.6	—	0.0	SSE	1.3	SE	0.6	0.9	—	—	—	—
14	51.2	50.6	51.2	51.0	E	2.0	ESE	3.3	ESE	2.1	1.8	—	—	—	—
15	52.0	50.7	50.6	51.1	ENE	1.9	—	0.2	—	0.0	1.7	—	—	—	—
16	51.4	48.5	47.0	49.0	—	0.0	SW	1.3	SW	1.7	1.0	—	—	—	—
17	48.5	50.1	50.4	49.7	W	5.1	NNE	4.2	NNW	1.5	3.6	—	0.0	1.5	1.5
18	49.4	46.7	45.5	47.2	SW	2.0	—	0.0	—	0.0	1.1	—	—	—	—
19	43.0	41.3	41.8	42.0	SW	2.4	SSW	0.5	ESE	0.9	0.9	—	—	—	—
20	43.0	41.7	42.7	42.5	SSW	1.6	S	4.3	E	3.0	1.8	—	0.0	—	0.0
21	42.5	41.5	41.1	41.7	SW	3.5	W	3.4	SW	1.8	2.9	—	—	—	—
22	42.0	41.4	45.2	42.9	SW	2.3	WSW	5.8	NE	0.8	4.2	—	—	—	—
23	47.0	47.0	45.4	46.5	—	0.2	NNE	3.3	W	0.8	2.2	0.1	0.2	0.2	0.5
24	45.6	44.0	43.9	44.5	W	2.3	NNW	5.2	W	1.8	3.7	17.1	5.3	—	22.4
25	44.5	41.8	43.1	43.1	SW	1.6	—	0.0	WSW	3.4	2.0	—	—	—	—
26	44.1	42.5	44.2	43.6	SSW	2.3	WSW	6.0	WNW	3.7	3.1	0.0	—	0.5	0.5
27	46.1	45.6	48.0	46.6	SSW	3.3	NNE	3.3	NNE	2.3	2.1	—	—	—	—
28	48.6	48.2	45.3	47.4	—	0.3	NNE	2.0	WSW	1.5	1.4	—	—	0.0	0.0
29	46.5	45.3	44.9	45.6	NNW	0.6	SW	1.3	WSW	1.9	1.4	—	—	—	—
30	45.2	44.4	47.0	45.5	SW	1.5	WSW	5.1	SSW	1.3	2.4	—	—	0.0	0.0
31															
平均 Mean	46.4	45.4	46.1	45.9		2.5		3.5		2.4	2.7	18.7	10.0	13.4	42.1

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	17.1	20.0	14.4	17.2	21.8	14.3	7.5	88	27	44	53	10 n	10 ∞	5 sc	8.3	2.88	13.2
2	11.6	24.0	15.0	16.9	25.0	9.9	15.1	47	31	65	48	0 —	8 c	0 c	2.7	11.87	10.2
3	11.1	20.9	15.4	15.8	21.1	10.5	10.6	92	46	82	73	8 c, cs	10 sc, k	10 kc, sk	9.3	5.59	7.2
4	11.4	20.6	11.8	14.6	21.7	11.0	10.7	86	31	85	67	0 —	9 k, sc	1 kc	3.3	8.62	7.6
5	10.5	14.8	12.3	12.5	17.6	10.2	7.4	96	75	87	86	10 n	10 n	10 n	10.0	4.12	6.0
6	10.5	18.4	15.4	14.8	22.0	10.1	11.9	96	50	70	72	10 n, sk	9 cs	0 —	6.3	7.74	6.6
7	11.1	24.8	17.3	17.7	27.5	10.4	17.1	89	36	72	66	6 c, k	3 k	10 n	6.3	11.74	5.9
8	12.8	27.8	21.5	20.7	29.4	12.3	17.1	90	30	46	55	0 —	10 n	0 —	3.3	11.95	10.8
9	17.6	22.7	16.4	18.9	23.7	16.3	7.4	46	48	85	60	10 n, sk	10 n	6 kc	8.7	1.53	4.5
10	15.0	26.0	21.8	20.9	27.5	13.6	13.9	90	46	50	62	0 —	4 k	0 —	1.3	12.74	7.8
11	17.6	28.1	22.9	22.9	29.2	17.4	11.8	72	40	66	59	10 kc, sc	10 n, ck	10 n	10.0	7.65	7.9
12	19.4	22.6	17.9	20.0	23.9	17.7	6.2	77	65	93	78	10 n, sc	10 n	3 kn	7.7	1.52	3.0
13	13.3	27.6	20.5	20.5	28.1	12.9	15.2	97	38	61	65	6 s, sc	4 c	0 —	3.3	11.40	8.6
14	16.9	31.9	24.3	24.4	32.5	15.6	16.9	74	22	41	46	3 c	2 c	0 —	1.7	13.76	13.7
15	18.8	31.4	24.1	24.8	32.1	17.4	14.7	71	28	51	50	0 —	0 c	0 —	0.0	13.20	12.4
16	17.6	31.1	27.3	25.3	33.0	16.4	16.6	70	25	38	44	0 —	7 ck	4 n	3.7	10.35	10.9
17	20.7	18.0	15.2	18.0	27.6	15.1	12.5	67	82	90	80	10 n	10 n	0 —	6.7	0.59	3.3
18	12.7	27.1	18.5	19.4	28.6	10.5	18.1	95	23	48	55	0 —	0 —	0 —	0.0	14.03	8.0
19	15.1	31.7	23.9	23.6	33.5	12.6	20.9	71	26	51	49	0 —	0 —	0 —	0.0	13.96	10.0
20	17.3	29.7	23.6	23.5	31.3	16.5	14.8	65	32	51	49	3 kc	7 kc	2 kn	4.0	9.75	11.9
21	19.3	31.0	25.6	25.3	33.5	18.8	14.7	75	36	43	51	1 ck	2 c	0 —	1.0	11.38	13.1
22	19.4	32.9	25.0	25.8	33.0	18.9	14.1	72	30	55	52	9 s, sc	10 n	0 k	6.3	8.68	12.1
23	19.2	22.0	19.7	20.3	25.7	18.8	6.9	83	73	82	79	10 n	10 n	10 n	10.0	0.76	5.1
24	13.9	21.3	17.6	17.6	23.8	13.2	10.6	94	48	72	71	10 n	2 k	0 —	4.0	9.50	7.2
25	14.8	28.0	22.7	21.8	29.3	13.9	15.4	89	32	57	59	0 —	4 c	10 n	4.7	13.10	11.2
26	16.2	29.9	20.6	22.2	30.1	15.4	14.7	86	39	63	63	0 —	4 c	1 ck	1.7	10.17	7.3
27	17.1	26.4	21.3	21.6	28.0	15.6	12.4	83	37	59	60	0 —	4 k	0 —	1.3	13.63	10.1
28	17.3	27.6	21.2	22.0	29.3	16.5	12.8	84	37	70	64	0 —	4 k, kn	0 —	1.3	10.53	8.4
29	17.3	30.7	24.6	24.2	32.1	16.5	15.6	78	31	50	53	0 —	1 k	0 —	0.3	13.41	9.7
30	18.9	33.4	25.4	25.9	34.1	18.7	15.4	79	25	45	50	6 c, cs	1 c	9 n	5.3	10.71	12.5
31																	
平均 Mean	15.7	26.1	20.1	20.6	27.9	14.6	13.3	80	40	62	61	4.4	5.8	3.0	4.4	276.02	266.2

* 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

昭和五年六月 **TONAN.** JUNE, 1930.

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	總量 Total
1	28.7	30.5	31.6	30.3	WSW	6.0	NNW	9.6	NW	3.2	8.3	—	0.7	1.5	2
2	31.8	36.4	39.1	35.8	W	4.2	NNE	9.3	NE	3.8	4.5	—	—	—	—
3	42.8	42.8	42.3	42.6	NE	5.3	NNE	3.3	NNE	3.3	2.6	—	0.5	2.2	2
4	44.4	38.3	38.5	40.4	NNW	3.0	NNW	5.8	NNW	5.8	4.5	0.1	2.9	0.2	3
5	38.3	39.9	41.4	39.9	NNE	8.5	NNE	9.0	N	3.3	4.5	5.7	1.2	0.8	7
6	42.0	41.3	41.2	41.5	N	3.7	NNE	5.3	NNW	3.4	4.1	0.1	—	—	0
7	41.9	40.3	42.9	41.7	N	1.2	NW	1.8	S	2.3	2.1	—	—	—	
8	43.5	43.0	44.3	43.6	NE	1.5	S	1.7	ENE	3.0	3.0	—	0.4	—	0
9	46.0	46.1	47.2	46.4	NE	4.2	E	5.8	NNE	1.2	2.6	—	0.0	—	0
10	48.8	46.7	40.9	45.5	NNW	1.8	N	1.8	SE	3.6	1.2	—	—	—	
11	44.9	42.8	41.8	43.2	SSE	3.7	SSE	5.0	SSW	2.9	2.6	—	1.4	0.1	1
12	42.9	42.9	44.4	43.4	N	2.6	W	2.3	NW	1.5	3.0	—	—	—	
13	46.0	45.3	46.4	45.9	SW	1.2	E	2.9	ESE	2.6	0.9	—	—	—	
14	47.3	46.9	47.3	47.2	SE	2.3	E	2.7	ESE	3.4	1.8	—	—	—	
15	48.4	47.1	46.4	47.3	S	1.5	E	3.5	ESE	3.7	1.7	—	—	—	
16	46.1	43.2	42.3	43.9	S	2.6	SSW	5.3	N	4.1	1.0	—	—	—	
17	44.7	41.1	39.1	41.6	N	7.6	W	2.8	WSW	4.7	3.6	0.0	0.5	—	0
18	44.1	42.0	40.0	42.0	NW	2.3	NNW	5.3	ESE	3.2	1.1	—	—	—	
19	38.5	37.7	37.8	38.0	SE	4.4	SW	1.9	NE	2.1	0.9	—	—	—	
20	39.4	39.6	40.3	39.8	NE	4.9	NE	4.3	E	2.8	1.8	0.0	—	—	0
21	38.3	43.2	34.9	38.7	ESE	1.8	SSE	1.6	SSW	4.5	2.9	—	—	—	
22	35.4	37.7	40.5	37.9	S	1.0	NNE	10.2	NE	2.2	4.2	—	—	—	
23	43.2	42.0	39.5	41.6	NE	3.7	ENE	5.7	SSW	8.5	2.2	—	2.2	7.0	9
24	37.8	37.0	37.5	37.4	WNW	5.3	WNW	7.0	WSW	4.3	3.7	15.1	0.1	0.1	15
25	37.1	37.2	37.8	37.4	W	2.1	WSW	6.1	S	1.4	2.0	—	—	—	
26	38.6	38.7	40.2	39.2	S	3.4	NW	0.9	NE	3.4	3.1	—	—	—	
27	42.0	41.8	43.8	42.5	NNW	2.3	N	4.7	NNE	1.8	2.1	—	—	—	
28	43.6	41.7	41.3	42.2	WNW	1.9	NW	3.6	NW	1.3	1.4	—	—	—	
29	41.1	39.7	39.2	40.0	NW	2.0	NW	2.4	ENE	1.8	1.4	—	—	—	
30	40.0	39.5	40.9	40.1	N	4.1	NW	3.3	S	2.9	2.4	—	—	—	
31															
平均 Mean	41.6	41.1	41.0	41.2		3.3		4.5		3.2	2.7	21.0	9.9	11.9	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 EVAPORATION (粍)
1	23.3	11.9	12.5	15.9	25.1	11.2	13.9	36	81	55	57	10 s	10 n	7 kn	9.0	4.20	4
2	10.5	18.7	13.1	14.1	19.8	9.0	10.8	45	45	84	58	5 sk	10 n	4 s	6.3	3.29	7
3	10.7	11.7	10.5	11.0	13.8	10.3	3.5	83	81	94	86	10 sk	10 n	10 n	10.0	0.97	1
4	9.9	13.7	10.3	11.3	14.3	9.5	4.8	94	73	91	86	10 n	10 n	10 n	10.0	0.88	3
5	9.5	12.3	11.6	11.1	12.7	9.3	3.4	97	75	88	87	10 n	10 n	10 n	10.0	0.00	3
6	8.1	23.1	17.8	16.3	24.5	7.6	16.9	88	84	45	72	4 kc	4 k	4 c	4.0	11.41	8
7	11.3	26.9	16.1	18.1	27.4	11.2	16.2	83	28	64	58	5 kc	10 kn	10 s	8.3	5.84	8
8	11.5	23.3	19.2	18.0	26.0	10.8	15.2	88	42	63	64	6 kn	8 s	6 n	6.7	8.54	7
9	13.3	21.5	17.8	17.5	22.8	12.6	10.2	87	52	63	67	8 kn	8 ck	0 —	5.3	8.36	7
10	13.7	26.6	21.1	20.5	28.2	11.8	16.4	79	33	47	53	0 —	5 k	6 s	3.7	13.68	11
11	15.5	24.8	21.1	20.5	25.9	14.6	11.3	68	56	88	71	4 c	10 n	4 n	6.0	5.71	7
12	16.7	25.6	19.1	20.5	26.5	16.6	9.9	92	37	48	59	10 c	10 cs	0 —	6.7	8.23	8
13	11.9	28.9	22.3	21.0	30.2	11.0	19.2	99	80	45	75	0 —	0 —	0 —	0.0	13.81	12
14	17.3	31.0	23.3	23.9	31.8	16.2	15.6	66	25	37	43	3 c	2 c	0 —	1.7	14.04	14
15	18.1	31.7	24.3	24.7	32.6	17.2	15.4	69	28	86	61	1 c	8 c	3 c	4.0	13.06	13
16	18.9	32.4	25.8	25.7	33.3	17.8	15.5	63	26	44	41	3 c	10 cs	10 s	7.7	11.45	13
17	14.3	21.9	16.5	17.6	25.8	14.0	11.8	91	49	69	70	10 n	10 cs	0 —	6.7	2.73	6
18	12.5	26.3	20.2	19.7	28.8	11.8	17.0	75	87	40	67	0 —	0 —	2 n	0.7	14.15	14
19	15.3	32.1	26.7	24.7	34.0	14.0	20.0	52	25	38	38	0 —	0 —	0 —	0.0	14.20	14
20	16.1	25.1	21.0	21.7	27.4	18.3	9.1	55	27	34	39	8 n	4 c	10 n	7.3	10.20	13
21	16.0	31.1	27.3	24.8	33.8	15.8	18.0	45	28	32	35	3 c	0 —	10 kn	4.3	12.75	12
22	22.1	18.1	20.8	20.3	27.4	20.8	6.6	53	69	60	61	10 n	6 s	4 n	6.7	8.65	12
23	17.3	20.1	17.5	18.3	20.8	15.2	5.6	73	88	93	85	10 sk	10 n	10 n	10.0	0.60	1
24	13.1	21.0	16.9	17.0	22.6	12.8	9.8	95	51	67	71	10 n	9 k	0 —	6.3	9.20	7
25	12.8	25.3	20.1	19.4	26.8	12.0	14.8	81	36	56	58	4 kc	3 k	5 n	4.0	13.90	9
26	16.0	24.5	19.7	20.1	27.0	15.6	11.4	81	55	62	67	9 n	10 n	7 n	8.7	6.65	7
27	14.3	23.9	23.8	20.7	25.4	13.4	12.0	90	48	63	67	2 kc	5 k	0 —	2.3	13.90	9
28	16.9	28.1	22.1	22.4	29.2	14.7	14.5	92	37	64	64	0 —	6 k	0 —	2.0	12.50	10
29	16.3	29.7	25.1	23.7	32.8	14.8	18.0	74	33	45	51	0 —	1 k	0 —	0.3	14.10	11
30	21.7	31.0	24.7	25.8	34.6	19.3	15.3	58	30	51	46	1 k	7 kn	0 —	2.7	11.10	11
31																	
平均 Mean	14.9	24.1	19.6	19.5	26.4	13.6	12.7	75	50	61	62	5.2	6.5	4.4	5.4	267.50	28

* 重力ノ更正 Reduction to standard gravity ..... — 0.0
海面ヘノ更正 Reduction to mean sea level ..... + 13.2

齊々哈爾
TSITSIKHAR.

昭和五年六月 JUNE, 1930.

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	28.0	27.6	28.6	28.1	ENE	3.9	NW	10.4	W	9.5	6.4	—	—	1.0	1.0
2	28.4	33.9	39.4	33.9	NW	2.6	NNW	7.0	NNE	9.2	6.0	0.1	4.3	0.7	5.1
3	42.9	42.8	41.9	42.5	NNE	2.9	NNE	3.6	N	0.7	3.0	—	—	12.8	12.8
4	40.6	39.3	38.9	39.6	NE	4.8	NNE	6.8	NE	8.2	6.1	17.5	5.5	2.1	25.1
5	40.3	40.6	41.0	40.6	NNE	3.9	NNE	5.7	WNW	1.2	4.3	7.9	3.7	0.0	11.6
6	41.5	40.2	40.5	40.7	NNW	4.0	NNW	0.8	NNE	6.9	3.5	—	—	0.1	0.1
7	41.2	40.3	41.4	40.9	NW	1.3	—	0.1	S	0.5	1.7	—	0.0	7.6	7.6
8	43.2	41.0	45.0	44.1	NNW	3.3	—	0.0	—	0.0	1.1	0.1	1.4	0.8	2.3
9	45.7	46.1	46.7	46.2	—	0.5	—	0.4	—	0.4	0.3	0.2	—	—	0.2
10	48.1	46.6	45.6	46.8	NNW	1.9	W	1.3	—	0.1	0.7	—	—	—	—
11	44.7	43.6	42.3	43.5	—	0.1	S	4.3	—	0.3	0.2	—	—	0.4	0.4
12	41.2	41.6	43.6	42.1	—	0.0	NNW	4.5	—	0.0	0.8	17.3	—	0.0	17.3
13	45.0	45.6	45.9	45.5	NNW	2.6	NNE	2.5	ENE	1.1	1.9	—	—	—	—
14	47.8	47.5	47.2	47.5	E	2.1	SSE	1.3	SE	1.2	1.4	—	—	—	—
15	47.3	47.6	48.7	47.9	SSE	0.5	SE	2.0	SSE	1.7	1.8	—	—	—	—
16	46.0	42.7	42.1	43.6	SSE	2.9	S	5.1	NNE	6.8	5.4	—	—	0.0	0.0
17	43.4	42.5	42.0	42.6	NW	2.9	WNW	2.6	WNW	4.0	3.5	4.5	0.8	—	5.3
18	42.1	40.5	39.3	40.6	NW	3.2	N	6.4	S	1.8	3.2	—	—	—	—
19	37.8	36.2	35.2	36.4	WSW	3.0	SSW	4.6	WNW	4.2	4.3	—	—	—	—
20	39.5	39.3	38.7	39.2	N	3.7	NNE	2.5	S	2.6	3.1	—	—	—	—
21	38.6	36.7	33.9	36.4	—	0.2	ESE	4.2	ESE	7.4	2.7	—	—	—	—
22	34.7	38.9	40.9	38.2	N	2.2	NNE	2.1	NNE	3.6	3.4	0.0	3.7	0.7	4.4
23	43.0	42.5	40.3	41.9	N	4.1	SSE	1.2	ENE	4.3	1.8	—	0.0	7.0	7.0
24	35.6	33.7	34.6	34.6	NW	2.9	NW	12.3	WSW	3.5	3.8	4.0	4.7	0.3	9.0
25	34.1	35.2	37.0	35.4	SSW	1.5	SW	4.3	SE	0.8	3.6	—	—	—	—
26	38.2	39.0	41.0	39.4	SSE	2.6	SE	6.1	N	3.2	3.3	—	0.1	0.0	0.1
27	41.5	41.6	42.3	41.8	N	1.5	N	3.2	NW	1.7	3.1	—	0.4	0.1	0.5
28	42.1	41.4	39.9	41.1	N	2.4	N	2.7	SW	2.3	2.3	—	—	—	—
29	39.5	37.9	38.1	38.5	WNW	2.5	WNW	3.3	N	8.3	1.7	—	—	—	—
30	39.3	39.2	40.0	39.5	WSW	2.5	N	3.6	SW	1.7	1.6	—	—	—	—
31															
平均 Mean	40.7	40.5	40.7	40.6		2.4		3.8		3.2	2.9	51.6	24.6	33.6	109.8

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	12.8	14.2	11.8	12.9	16.5	11.4	5.1	92	77	69	79	10 sc	10 kn	10 n	10.0	0.00	2.4
2	10.9	13.9	11.4	12.1	15.1	10.4	4.7	86	80	83	83	10 n	10 n	10 n	10.0	0.00	2.8
3	8.3	12.1	10.9	10.4	12.3	8.3	4.0	68	73	92	78	10 kn	10 kn	10 n	10.0	0.00	2.2
4	8.9	9.9	10.5	9.8	11.9	8.4	3.5	94	75	92	87	10 n	10 n	10 n	10.0	0.00	0.3
5	12.9	12.5	11.8	12.4	17.2	7.9	9.3	95	93	85	91	10 n	10 n	1 sk	7.0	0.00	5.0
6	8.6	23.5	16.0	16.0	24.1	8.6	15.5	84	40	67	64	2 ck	2 kn	9 kn	4.3	12.40	5.8
7	11.2	21.1	14.3	15.5	22.0	10.0	12.0	88	54	72	71	4 c	8 c	10 n	7.3	6.00	6.0
8	10.1	18.5	14.6	14.4	20.1	9.1	11.0	92	51	91	78	2 ck	5 kn	9 n	5.3	8.50	6.4
9	12.5	19.0	15.7	15.7	20.7	12.4	8.3	91	60	86	79	8 kn	9 ck	0 —	5.7	10.90	5.7
10	16.0	23.5	19.3	19.6	25.9	10.2	15.7	46	46	67	53	1 c	1 k	2 c	1.3	13.50	6.2
11	18.4	24.0	19.9	20.8	25.5	13.0	12.5	57	38	76	57	0 —	10 kn	10 n	6.7	0.00	7.4
12	16.0	21.5	18.3	18.6	23.9	15.6	8.3	95	68	78	80	10 n	8 kn, c	1 ck	6.3	12.61	5.7
13	14.1	24.5	20.6	19.7	25.8	13.8	12.0	53	23	71	49	0 —	1 kc	4 sk	1.7	14.10	6.7
14	17.3	25.8	22.0	21.7	27.2	16.7	10.5	75	47	71	64	2 c	8 c	2 ck	4.0	13.10	6.7
15	18.0	28.2	22.6	22.9	28.5	12.2	16.3	90	47	72	70	0 —	9 c	7 c	5.3	13.90	7.6
16	18.3	30.0	21.1	23.1	30.4	17.5	12.9	85	39	73	66	10 cs	9 cs	10 n	9.7	12.30	7.7
17	14.4	22.4	15.0	17.3	24.6	14.4	10.2	94	42	67	68	10 n	10 kc	1 sk	7.0	6.55	7.7
18	11.3	23.0	17.6	17.3	24.3	10.5	13.8	81	40	68	63	1 ck	5 k	4 ck	3.3	13.66	8.5
19	13.3	29.1	21.1	21.2	31.8	12.3	19.5	71	34	50	52	0 —	1 ck	1 kc	0.7	9.40	9.6
20	13.9	22.0	17.5	17.8	23.9	13.5	10.4	62	32	58	51	1 c	0 —	5 ck	2.0	10.74	7.6
21	15.1	26.5	23.8	21.8	29.5	13.8	15.7	71	65	74	70	8 cs	5 cs	10 kc	7.7	12.71	6.4
22	19.4	18.3	16.9	18.2	24.6	16.7	7.9	94	91	91	92	10 n	10 n	4 kc	8.0	0.21	4.0
23	14.2	19.5	14.3	16.0	20.4	11.4	9.0	82	80	97	86	10 c	10 n	10 n	10.0	0.00	2.7
24	14.0	16.0	14.0	14.7	17.1	13.2	3.9	99	84	95	93	10 n	10 n	4 c	8.0	7.05	4.2
25	10.8	22.5	18.2	17.2	23.8	10.2	13.6	89	72	75	79	1 c	7 kc	4 ck	4.0	8.30	5.4
26	13.5	23.4	16.0	17.6	24.9	13.1	11.8	94	71	89	85	10 n	4 c	6 kn	6.7	0.00	4.1
27	13.7	21.3	18.1	17.7	23.7	13.6	10.1	96	76	98	90	8 kc	8 kc	1 sk	5.7	10.90	5.3
28	14.0	25.0	20.0	19.7	27.9	13.6	14.3	92	68	96	85	0 —	2 kn	1 c	1.0	13.69	8.7
29	15.1	29.0	21.5	21.9	30.4	14.6	15.8	91	56	75	74	0 —	4 cs	10 kn	4.7	7.50	7.8
30	15.6	29.5	23.3	22.8	31.7	15.1	16.6	88	60	87	78	2 ck	1 kn	1 c	1.3	13.64	8.7
31																	
平均 Mean	13.8	21.7	17.3	17.6	23.5	12.4	11.1	83	59	79	74	5.3	6.6	5.6	5.8	231.66	175.3

※ 重力ノ更正 Reduction to standard gravity……+ 0.1
海面ヘノ更正 Reduction to mean sea level……+ 18.0

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印刷所　大連市大山通六十三番地　小林又七支店

昭和五年七月

滿洲氣象表

REPORT

OF THE

METEOROLOGICAL OBSERVATIONS

MADE AT THE

METEOROLOGICAL STATIONS

IN

MANCHURIA.

JULY, 1930.

PUBLISHED BY THE METEOROLOGICAL OBSERVATORY, DAIREN.

凡　例

本編ハ昭和五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 July, 1930.

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 unous 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	⊟	Ie
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	層卷雲	SC	Strato-cirrus	層積雲	SK	Strato-cumulus
積雲	K	Cumulus	積卷雲	KC	Cumulo-cirrus	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

昭和五年七月　　DAIREN.　　JULY, 1930.

日 Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean
1	49.0	49.5	50.5	50.0	49.5	50.8	49.9
2	51.4	51.9	**52.5**	51.9	51.2	51.4	51.7
3	50.3	50.5	49.7	47.6	45.5	42.8	47.7
4	39.8	38.9	39.5	39.9	40.8	42.7	40.3
5	42.6	42.8	42.8	43.2	43.0	44.7	43.2
6	45.5	46.5	47.4	47.5	47.1	47.8	47.0
7	47.8	48.0	48.7	47.9	47.0	46.7	47.7
8	46.1	45.3	45.9	45.3	44.9	45.7	45.5
9	43.8	41.4	41.7	41.0	40.5	41.3	41.6
10	41.1	41.6	42.5	42.0	41.0	42.3	41.8
11	41.4	42.0	41.6	41.4	40.6	40.5	41.3
12	40.1	39.5	40.3	40.1	39.6	42.2	40.3
13	42.3	43.1	44.4	44.2	43.7	45.2	43.8
14	45.4	46.0	46.6	45.8	46.2	46.3	46.1
15	45.2	44.6	42.9	39.8	33.9	**30.7**	39.5
16	**30.7**	34.3	36.7	37.0	37.2	38.4	35.7
17	38.7	39.7	40.8	41.1	42.1	43.0	40.9
18	42.8	42.5	43.1	42.0	41.4	41.4	42.2
19	40.5	41.5	41.9	42.1	43.0	45.2	42.4
20	45.8	46.6	47.8	47.5	47.5	48.5	47.3
21	48.4	48.2	48.6	47.4	47.0	47.2	47.8
22	46.1	46.0	46.4	44.7	45.2	44.8	45.5
23	44.3	44.7	45.4	47.1	45.2	46.2	45.5
24	46.5	47.5	48.4	48.4	48.5	49.7	48.2
25	49.4	49.7	50.1	49.4	49.0	49.5	49.5
26	48.9	48.4	48.9	48.2	47.6	47.8	48.3
27	47.5	47.9	48.7	48.4	47.7	48.6	48.1
28	48.5	48.0	49.0	48.2	47.7	47.7	48.2
29	47.3	47.3	47.5	47.2	46.5	47.6	47.2
30	47.7	47.4	48.7	47.9	47.5	47.8	47.8
31	47.6	47.7	47.9	47.6	47.7	49.0	47.9
平均 Mean	44.9	45.1	45.7	45.2	44.7	45.3	45.2

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	SSE	2.5	—	0.1	S	4.9	S	5.0	S	5.3	SSE	3.2	3.3
2	SSE	5.0	SSE	4.4	SSE	6.2	SE	5.1	SSE	3.7	SSE	3.6	4.3
3	SSE	2.9	SSE	4.3	SSE	7.1	SE	10.6	SE	10.6	SE	12.1	7.2
4	SSE	12.5	S	5.5	S	6.7	W	1.4	WNW	5.7	SSW	3.2	6.0
5	SSW	2.9	WSW	0.5	S	3.7	SSE	4.7	SSE	5.0	SSE	4.1	3.1
6	SSE	2.5	SSE	2.3	SSE	2.7	SSE	5.4	SSE	6.0	SSE	6.5	4.3
7	SE	5.1	E	4.2	ESE	6.3	ESE	6.8	ESE	6.7	ESE	7.0	5.7
8	ESE	5.0	ESE	4.3	ESE	4.5	ENE	4.7	E	5.5	E	3.0	4.8
9	E	6.7	SE	9.0	S	8.4	SSW	6.8	W	0.8	—	0.3	5.7
10	WNW	4.8	NW	3.7	WNW	3.9	NW	3.7	NW	1.2	NW	2.0	3.1
11	—	0.2	SSE	2.8	SSE	4.7	S	9.2	SE	4.5	SSE	4.7	3.8
12	SSE	4.6	SSE	4.3	SSE	5.4	S	5.0	SSE	3.2	SSE	1.5	3.8
13	SSE	0.8	—	0.4	SSE	2.5	SSE	4.8	SSE	3.6	SSE	4.0	2.5
14	SSE	6.4	—	0.4	SSE	5.2	SSE	5.3	SSE	3.4	S	10.0	4.6
15	SSE	7.3	ESE	6.4	SSE	10.6	SE	11.6	SE	**16.5**	S	15.1	10.6
16	S	6.9	SW	9.5	SSW	7.1	SSW	10.8	SSW	5.4	WSW	3.8	7.7
17	SW	4.2	S	4.0	SSW	6.0	S	4.4	NNW	2.7	NW	2.3	4.3
18	NW	1.4	NW	2.1	NE	3.8	NW	3.7	ENE	0.9	NNW	2.3	2.6
19	NNW	3.2	NW	4.1	NNW	8.1	NNW	4.8	NE	2.5	ENE	3.7	4.4
20	ENE	3.8	E	3.8	ESE	2.8	SE	3.7	SE	2.3	SSE	4.6	3.4
21	S	4.1	S	2.3	SSE	2.6	S	3.6	S	4.1	SSE	3.4	3.7
22	—	0.2	W	1.0	NNE	2.5	S	1.5	—	0.2	NE	0.9	1.4
23	E	2.7	NNE	0.9	—	0.1	S	1.9	S	3.0	S	1.1	1.6
24	—	0.3	S	1.2	S	3.4	S	2.5	SSE	3.4	S	3.0	2.4
25	S	2.5	SSE	0.6	SE	3.7	ESE	5.0	SSE	3.5	SE	2.9	3.1
26	SSE	2.6	SSE	3.6	ESE	4.6	SE	4.0	SE	2.8	SSE	4.2	3.6
27	ENE	0.6	SSE	3.6	S	5.4	S	6.0	SSE	6.8	SSE	7.9	4.7
28	S	5.4	S	3.5	S	5.6	S	4.8	S	4.1	S	1.9	5.0
29	SSW	7.9	WNW	1.5	SE	2.3	SSE	3.9	SSE	4.8	S	0.6	4.2
30	ENE	3.4	E	2.1	SE	3.3	S	3.1	S	2.2	NW	2.4	2.5
31	NW	2.7	NW	1.9	ENE	3.9	ENE	3.1	SE	2.7	SE	2.7	2.7
平均 Mean		3.9		3.2		4.8		5.1		4.3		4.1	4.2

日 Day	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	計 Total
1	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—
3	—	—	—	2.8	8.6	4.4	15.8
4	9.6	0.5	0.3	0.0	—	—	10.4
5	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—
7	0.0	0.3	—	—	—	—	0.3
8	—	0.3	0.1	0.6	—	0.0	1.0
9	1.0	41.7	**68.6**	0.0	—	—	111.3
10	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—
14	—	—	—	—	—	0.0	0.0
15	1.7	7.8	53.7	21.0	67.1	6.3	**157.6**
16	2.4	0.1	0.1	0.0	—	—	2.6
17	—	0.0	0.1	—	—	—	0.1
18	—	—	—	1.7	0.4	—	2.1
19	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—
21	—	0.8	4.2	—	—	—	5.0
22	—	—	—	—	1.2	45.1	46.3
23	0.0	—	0.0	—	—	—	0.0
24	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—
29	—	0.2	0.7	0.4	0.2	0.2	1.7
30	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—
平均 Mean	14.7	51.7	127.8	26.5	77.5	56.0	354.2

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
1	19.3	20.2	25.6	28.7	24.0	20.9	23.1	29.2	**18.3**	**10.9**
2	19.7	20.6	22.5	23.1	22.2	21.3	21.6	24.2	19.3	4.9
3	21.7	21.6	23.0	22.0	21.7	21.8	22.0	23.1	21.1	**2.0**
4	20.8	21.1	21.8	23.4	24.6	21.1	22.1	25.5	20.1	5.4
5	22.9	24.0	27.7	29.6	24.4	20.7	24.9	30.3	20.6	9.7
6	21.8	22.9	26.9	28.6	23.1	21.0	24.1	28.7	20.5	8.2
7	20.4	21.1	22.0	22.6	21.8	21.8	21.6	22.7	19.9	2.8
8	22.0	21.9	22.3	21.2	21.3	20.6	21.6	23.2	20.3	2.9
9	20.1	23.2	23.2	27.1	26.6	23.3	23.9	27.6	19.9	7.7
10	21.6	22.0	25.9	26.8	26.5	24.2	24.5	27.9	21.6	6.3
11	23.1	22.7	26.7	27.2	23.4	22.7	24.3	27.9	21.2	6.7
12	22.2	22.1	25.4	29.0	27.0	23.3	24.8	29.8	21.9	7.9
13	21.3	23.7	27.5	30.2	29.0	24.8	26.1	**31.3**	21.1	10.2
14	23.9	24.0	27.3	28.2	27.2	23.8	25.7	29.5	22.7	6.8
15	24.4	23.4	22.9	22.8	22.5	21.6	22.9	24.7	21.1	3.6
16	21.1	20.9	22.2	23.4	24.0	22.8	22.4	25.5	20.1	5.4
17	21.0	21.4	23.4	25.9	23.8	19.9	22.6	26.8	19.9	6.9
18	19.3	20.3	24.9	22.8	24.8	24.0	22.7	25.7	19.1	6.6
19	23.5	23.4	25.4	27.8	26.6	22.6	24.9	28.5	22.5	6.0
20	20.9	21.3	23.5	25.6	23.8	21.8	22.8	26.0	20.8	5.2
21	22.4	22.3	22.8	25.4	23.9	22.6	23.2	26.8	21.6	5.2
22	22.5	22.7	26.4	27.8	24.8	22.9	24.5	28.2	22.0	6.2
23	22.9	22.9	25.1	25.3	25.8	23.0	24.2	28.5	22.5	6.0
24	21.6	22.8	27.2	28.7	25.2	22.3	24.6	29.2	20.6	8.6
25	22.3	23.4	24.0	24.2	23.5	22.1	23.3	25.5	21.8	3.7
26	22.3	23.0	26.8	25.4	24.4	23.6	24.3	26.9	21.9	5.0
27	22.8	24.1	26.1	27.1	24.8	24.4	24.9	27.5	22.6	4.9
28	23.8	24.6	27.0	28.8	25.6	25.2	25.8	29.2	23.4	5.8
29	24.8	24.2	24.5	25.2	23.8	23.8	24.4	25.6	23.4	2.2
30	23.0	23.0	25.9	27.7	26.4	24.1	25.0	29.2	22.6	6.6
31	23.7	24.1	29.0	29.6	26.3	23.5	26.0	30.5	23.0	7.5
平均 Mean	22.0	22.5	25.0	26.2	24.6	22.6	23.8	27.3	21.2	6.1

日 Day	濕度 (百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean
1	94	91	54	42	66	77	71
2	85	89	77	83	93	100	88
3	100	100	94	100	100	100	99
4	100	100	100	89	73	92	92
5	78	72	69	62	80	97	76
6	89	85	69	56	85	100	81
7	100	100	100	99	100	100	100
8	100	100	100	100	99	100	100
9	100	100	100	84	86	98	95
10	98	99	80	72	73	88	85
11	94	97	82	76	96	99	91
12	100	100	89	68	67	94	86
13	95	80	72	53	51	91	74
14	93	94	79	77	82	89	86
15	92	100	100	100	100	100	99
16	100	95	92	82	75	73	86
17	87	87	75	74	70	94	81
18	98	100	74	96	85	90	91
19	93	93	80	69	80	95	85
20	97	99	89	85	88	96	92
21	97	100	99	84	58	94	94
22	97	100	82	78	94	99	92
23	98	98	88	94	86	97	94
24	95	85	76	70	86	99	85
25	98	93	93	92	95	100	95
26	100	100	81	86	91	100	93
27	100	100	88	84	95	95	94
28	95	94	83	75	90	90	88
29	92	94	94	91	96	99	94
30	99	99	81	78	80	92	88
31	96	97	66	68	82	97	84
平均 Mean	95	95	84	80	85	95	89

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 sk	0 k	0 k	1 c	0 c	0.4	13.10	**9.9**
2	7 s, k	10 s, sk	10 s, n	10 s	10 s	9.4	5.60	4.1
3	10 s	10 s	10 n	10 n	10 n	10.0	0.00	1.0
4	10 n	10 s	10 s	6 cs, ck, s	7 kc	8.6	1.65	5.0
5	0 —	0 —	0 k	0 k	0 —	0.0	13.70	7.1
6	10 c	2 c	0 c	2 c	10 s	4.8	13.25	6.3
7	10 ≡	10 ≡	10 ≡	10 s	10 s	10.0	0.00	1.8
8	10 n, ≡	10 s	10 s	10 s, sc	10 ≡	10.0	0.00	0.7
9	10 n	10 n	10 sk	10 sk, s	10 s	10.0	0.90	3.9
10	10 s	10 ck, sk	3 k	10 ck, c	10 kc, sk	8.6	7.34	6.7
11	10 s	7 ck, s	5 cs	10 s	9 s, kc	8.2	10.10	5.3
12	10 ≡	10 s	0 —	0 —	0 —	4.0	9.00	6.8
13	0 —	1 kc	0 —	0 —	0 —	0.2	12.70	7.6
14	8 k, s	3 s	3 c, cs	10 ck, k	10 n, kn	6.8	11.20	4.5
15	10 n	10 n	10 n	10 n	10 n	10.0	0.00	0.2
16	10 n	10 n	7 ck, s	1 k	5 s	6.6	7.90	5.9
17	10 n, sk, c	10 kc, sk, k	8 k, kn, c	3 kc	0 —	6.2	11.48	5.6
18	8 c	10 cs, k, c	10 n	10 sc, sk	10 cs	9.6	5.08	3.3
19	10 sk	10 sk	7 ck, cs	7 kc, cs	9 s	8.6	8.00	5.5
20	10 n, s	10 s	9 s, k, ck	6 kc, k, s	10 s, k	9.0	6.07	4.9
21	10 n	10 s	10 sk, n	3 ck, k, s	10 s	8.6	6.90	4.5
22	10 ≡	10 s, kc, k	10 sc	10 n	10 n	10.0	2.30	4.7
23	10 s	10 sk, k	10 k, kn	1 k, kc	0 —	6.2	4.50	3.9
24	0 kc, s	2 k, c	5 c, sc	6 cs, ck, s	10 s	4.6	12.00	5.5
25	8 s, kc	10 s	10 ≡	10 s	3 s	8.2	0.92	2.7
26	10 ≡	7 s	7 k	10 s	10 s	8.8	5.85	4.1
27	10 s	10 s	9 s	8 s	2 s	7.8	7.40	5.3
28	8 s, k, kc	8 s, k, ck	7 ck, k, kn	10 sc, sk	10 c	8.6	9.60	6.5
29	10 n	10 s	10 sk	10 sk	10 s	10.0	0.00	2.3
30	10 s	10 sk, c	9 c, k	10 kn, k	0 —	7.8	7.95	5.7
31	0 c	2 ck, k	1 k, s	0 c	1 s	0.8	13.00	5.9
平均 Mean	8.1	7.8	6.8	6.6	6.6	7.2	207.49	147.2

* 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

昭和五年七月　　DAIREN.　　JULY, 1930.

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. (°C)
1	15.6	16.1	13.1	12.4	14.6	14.1	14.3	21.0	54.0	22.1	32.4	24.5	23.3	23.8	23.6	21.1	16.4	14.3	13.4	12.0	16.6	40.0
2	14.5	16.1	15.5	17.5	18.4	18.8	16.8	22.1	37.2	24.0	27.8	25.3	24.4	24.8	24.4	21.4	16.6	14.5	13.4	12.1	18.0	31.8
3	19.3	19.2	19.6	19.6	19.3	19.4	19.4	24.0	24.0	21.8	23.3	24.6	24.3	24.6	24.1	21.4	16.7	14.5	13.4	12.2	21.0	28.1
4	18.5	18.6	19.4	19.0	16.7	17.2	18.2	21.8	28.2	21.7	23.9	22.1	22.4	23.0	23.0	21.3	16.9	14.5	13.6	12.2	20.2	35.9
5	16.2	16.1	19.0	19.2	18.2	17.5	17.7	21.0	38.4	21.3	26.9	24.0	22.4	22.7	22.7	21.4	17.0	14.7	13.8	12.5	19.2	30.3
6	17.3	17.7	18.2	16.2	17.9	18.5	17.6	21.3	39.1	22.3	27.6	24.8	25.3	24.7	23.4	21.2	17.1	14.8	13.7	12.3	18.7	38.9
7	17.8	18.6	19.6	20.2	19.4	19.4	19.2	23.1	27.7	22.0	24.3	23.3	23.4	23.8	23.7	21.4	17.2	14.8	13.7	12.5	19.7	29.1
8	19.6	19.5	20.0	18.7	18.6	18.0	19.1	23.0	25.5	21.2	23.2	22.9	22.8	23.2	23.1	21.4	17.2	15.0	13.9	12.6	20.2	29.9
9	17.5	21.1	21.1	22.3	22.3	20.8	20.9	23.0	21.2	24.0	22.7	22.5	22.4	22.8	22.9	22.4	18.1	16.8	15.4	13.6	19.6	36.1
10	18.8	19.4	19.8	18.7	18.7	19.8	19.2	23.0	34.9	23.7	27.2	23.7	23.1	23.4	23.1	21.9	17.9	15.8	14.7	13.0	21.2	34.5
11	19.7	19.8	21.3	20.4	20.5	20.3	20.3	23.0	36.0	24.1	27.7	25.3	23.8	24.0	23.6	21.4	17.8	15.5	14.4	13.0	20.5	35.0
12	19.9	19.8	21.6	20.3	17.8	20.0	19.9	23.5	39.1	23.2	28.6	24.7	24.1	24.3	23.8	23.5	17.7	15.5	14.3	12.9	21.4	36.4
13	17.9	17.4	19.8	16.8	15.3	21.2	18.1	21.0	43.5	24.6	29.7	25.4	25.0	24.4	24.1	22.9	17.9	16.6	14.5	13.0	19.1	39.7
14	20.5	20.8	21.2	21.8	22.0	19.5	21.6	24.0	45.2	26.0	31.7	26.0	24.9	25.0	24.6	21.9	17.9	15.6	14.5	13.1	22.0	38.7
15	20.9	21.4	20.7	20.6	20.2	19.2	20.5	24.2	23.5	21.9	23.2	22.9	23.5	24.1	25.2	24.3	18.3	16.5	14.6	13.2	20.7	28.0
16	18.6	17.4	18.2	17.6	16.6	15.2	17.3	21.3	29.8	22.0	24.4	22.7	22.6	23.2	23.4	22.4	18.6	16.7	14.9	13.2	19.8	31.1
17	16.1	16.6	16.1	18.4	15.3	16.3	16.5	21.8	33.6	20.3	25.2	23.1	22.7	23.3	23.2	22.3	18.9	16.8	14.9	13.4	18.8	34.2
18	16.3	17.7	17.4	19.8	19.7	20.0	18.5	21.8	24.5	23.0	22.8	23.4	22.6	23.1	23.2	22.3	19.1	16.8	15.0	13.4	18.2	33.2
19	20.0	19.9	19.4	19.3	20.7	19.3	19.8	23.4	35.2	23.1	27.2	23.5	23.1	23.6	23.3	22.1	19.2	17.0	15.2	13.5	21.8	35.0
20	17.8	18.6	19.1	20.7	19.3	18.6	19.0	22.5	39.8	23.3	28.5	23.9	23.6	24.1	23.9	22.3	19.2	16.7	15.2	13.5	20.4	38.1
21	19.5	20.0	20.4	20.3	19.4	19.1	19.8	23.0	31.8	23.0	25.9	23.7	23.8	24.4	24.3	22.4	19.4	17.2	15.4	13.6	20.9	35.0
22	19.6	20.5	20.9	21.7	21.9	20.5	20.9	24.1	32.1	23.0	26.4	25.5	24.1	24.5	24.2	22.5	19.3	17.3	15.4	13.7	21.2	38.4
23	20.3	20.3	20.9	22.5	21.2	20.2	20.9	24.0	30.4	23.2	25.9	24.2	24.1	24.7	24.2	22.3	19.2	17.2	15.5	13.7	21.2	40.6
24	18.2	17.5	20.4	20.5	20.4	19.8	19.5	21.8	40.0	24.6	28.8	25.2	25.1	24.6	24.6	23.1	19.4	17.3	15.8	14.0	18.5	38.5
25	19.6	19.9	20.6	20.7	20.4	19.8	20.2	24.0	29.9	23.0	25.6	25.6	25.0	25.4	25.1	23.0	19.4	17.4	15.7	14.0	20.8	34.2
26	20.0	20.9	21.2	20.7	20.7	21.6	20.9	23.8	33.7	24.8	27.4	25.4	24.6	24.8	24.6	22.9	19.4	17.5	15.9	14.0	20.8	40.1
27	20.6	22.3	22.0	22.3	22.1	21.6	21.8	24.8	38.0	24.5	29.1	25.7	24.9	25.1	24.9	23.1	19.4	17.5	15.9	14.2	21.0	36.3
28	20.8	21.6	21.9	21.9	22.0	21.5	21.6	25.0	41.6	25.5	30.7	26.0	25.2	25.3	25.1	23.2	19.6	17.5	16.0	14.2	22.5	39.7
29	21.4	21.1	21.5	21.7	21.0	21.7	21.4	24.7	28.8	24.8	26.1	25.6	25.3	25.6	25.4	23.2	19.4	17.3	16.1	14.2	22.6	34.8
30	20.7	20.6	20.0	21.5	20.5	20.5	20.6	24.2	38.0	24.4	28.9	25.0	24.6	24.9	24.9	23.3	19.5	17.3	16.1	14.3	21.8	41.2
31	20.9	21.6	19.6	21.1	21.0	20.8	20.8	24.0	46.8	25.6	32.1	26.2	25.4	25.7	25.3	23.2	19.5	17.2	16.1	14.4	22.0	43.0
平均 Mean	18.9	19.3	19.7	19.8	19.4	19.4	19.4	23.0	34.6	23.3	26.9	24.4	23.9	24.2	24.0	22.3	18.4	16.3	14.9	13.3	20.3	36.0

記　事 REMARKS.

日 Day	記事 REMARKS.
1	∞°,⌒°a.
2	≡°13h10–≡¹18h10–≡²19h23–≡¹19h33–　3rd{–●²19h55–●¹19h58–●°20h30–●¹22h30–●²22h35–●¹22h55–　☂14.17–24h.}
3	–≡¹–≡¹●°11h06–≡¹11h15–≡¹●°12h20–●¹13h11–≡¹●²14h02–≡¹●¹14h12–●²17h35–≡°17h58–●°18h20–≡¹18h30–●¹19h30–
4	⊍¹.σ¹p.　–●¹–●°1h00–≡¹5h00–●°6h10–≡¹6h30–≡°10h30–●°≡°12h05–≡°13h20–13h50).　☂2h.
5	⌒¹p
6	∞°a.⌒²p.　≡°21h25–≡¹21h48–
7	–≡¹–●°1h38–≡¹²5h15–　8th{–≡°17h00–17h20.≡°18h10–≡¹19h30–≡°20h00–≡¹●°21h50–●¹22h10–
8	–≡¹–≡¹●°5h10–≡¹8h24–≡°10h40–≡¹11h05–≡¹●°11h27–≡¹12h33–≡°13h32–14h55.≡°15h56–≡¹16h00–≡°16h30–≡¹16h43–
9	σ°.∞¹p.　–●¹–,T°s5h23,–●²5h30–,☾°5h53,T°E5h56,–●¹6h50–≡¹8h25–≡²●¹8h50–≡¹●°9h15–≡°●°9h35–≡¹10h20–≡°12h40–13h30.
10	σ°p.　–≡–1h06.　9th{≡°20h00–,☾¹SE22h00)–☂12.13h.}
11	≡°17h48–≡¹18h15–≡°20h12–
12	∞°p.　–≡°–11h50.
13	∞,⌒°p.
14	⌒°a.☾¹(S-SE)p.　●°21h36–,☾²SW21h35.…21h50,–●¹22h18–●°23h10–　☂22.h
15	–●°–●¹3h42–●°4h53–●¹5h10–●¹6h42–●¹7h36–●°7h50–●¹≡¹8h25–●²≡¹8h30–●¹≡¹9h20–●¹≡°9h40–●¹≡¹11h20–☂8.10–24.h 15th{–●°11h30–●¹13h30)–●²14h40–●¹15h00–●²15h45–●¹17h15–●°18h20…●¹20h35–●°20h50–●¹21h46–●°21h56–
16	∩¹(W)a.　–●°–●°≡°1h30–≡¹1h47–≡°3h50–≡°●°4h45–●°5h15–6h10.●°9h52–10h15.　☂3.5.14.h
17	∩¹(W)a.
18	⌒¹,⊕¹a.　●°11h36…12h02●°13h06–●¹13h11–●°13h17–13h42.●°13h46–●¹13h52–●°14h00–14h11.●°16h20.…16h40.●16h50)…16h55.
19	σ¹p.
20	∞¹p.　≡°5h38–17h30.
21	●°4h46–●¹5h13–●°5h16–●°≡°6h10–●¹≡°7h26–●°≡°7h50)–●°≡¹8h15–≡¹9h00–≡°10h08–11h12.
22	≡°4h10–≡¹4h28–≡²5h13–≡°7h35–9h00.●°16h10–●¹17h50)–²●¹19h20)–●¹20h30–●°20h50–22h30.
23	⌒²p.　●°7h00…7h20.
24	⌒°a.⌒°,σ¹p.
25	⌒¹a.⌒¹p.　≡°9h50–≡¹10h05–≡°12h05–21h10.
26	⌒¹p.　≡°1h40–≡¹3h40–≡²4h20–≡¹5h30–≡°5h50–8h30.≡°18h28–≡¹18h42–≡°19h40–20h08.≡°20h53–≡¹21h04–≡°21h52–22h40.
27	⌒²a.　≡°5h50–7h10.
28	⌒°,σ¹p.
29	⌒², a.⌒°p.　●°4h10–9h15.●°10h44–●¹10h54–●°10h58–11h50.●°15h46–16h53.●°18h52–19h30.●°19h45–20h16.
30	⌒²a.σ°p.
31	⌒²a.p.

營口
YINGKOW.

昭和五年七月 JULY, 1930.

日 Day	氣壓 * (粍) AIR PRESSURE. (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean
1	56.2	56.8	57.9	57.1	56.5	58.3	57.1
2	59.1	59.1	59.8	58.8	58.0	58.2	58.8
3	58.3	57.8	57.5	56.6	54.4	52.1	56.1
4	48.5	45.9	46.6	46.8	47.3	49.4	47.4
5	49.5	49.1	49.9	49.7	50.0	51.8	50.0
6	52.0	53.3	54.1	53.7	53.5	55.1	53.6
7	55.1	55.3	56.2	55.8	54.9	54.9	55.4
8	54.7	54.0	54.5	53.6	53.3	53.6	54.0
9	52.0	50.6	49.9	48.1	47.8	48.5	49.5
10	48.6	48.9	49.1	48.5	47.7	49.2	48.7
11	48.4	48.4	48.3	47.6	46.8	47.8	47.9
12	48.2	46.3	47.2	47.0	47.1	49.1	47.5
13	49.3	49.6	51.2	50.9	50.8	52.2	50.7
14	52.8	53.1	53.4	52.7	53.4	53.4	53.1
15	53.2	53.3	52.9	51.2	47.7	43.0	50.2
16	38.5	37.9	39.8	40.9	41.8	42.7	40.3
17	43.2	44.5	47.0	47.9	49.0	50.6	47.0
18	50.7	51.2	51.4	50.4	50.0	50.7	50.7
19	50.1	49.9	50.5	50.4	50.5	53.3	50.8
20	53.5	54.2	55.1	55.2	54.9	55.9	54.8
21	56.0	55.7	55.9	54.4	54.3	54.7	55.2
22	53.9	53.8	54.0	53.5	53.1	53.2	53.6
23	53.1	53.0	53.3	52.2	51.9	53.2	52.8
24	53.8	54.2	55.5	55.4	55.7	57.0	55.3
25	57.1	57.1	57.5	56.6	55.8	56.9	56.8
26	56.1	56.2	56.2	55.4	54.2	55.0	55.5
27	55.1	55.4	55.7	55.2	55.3	55.8	55.4
28	55.7	55.6	55.4	55.7	54.6	54.6	55.3
29	54.4	54.1	54.5	53.8	53.9	55.6	54.4
30	56.1	55.8	56.4	55.3	54.6	55.3	55.6
31	55.4	55.7	56.0	55.1	55.1	56.7	55.7
平均 Mean	52.5	52.4	53.0	52.4	52.1	52.8	52.6

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	SSE	1.5	—	0.4	SW	2.6	W	4.1	W	2.9	W	1.8	2.6
2	SE	1.2	S	1.6	S	3.7	SW	5.4	SSW	4.7	S	1.5	2.2
3	SE	1.2	SSE	3.2	S	5.8	SW	2.5	NE	1.8	E	0.8	2.5
4	S	0.2	—	0.1	S	2.3	N	0.6	SW	2.0	SSW	1.8	1.7
5	S	1.2	S	2.3	S	5.4	S	3.8	S	3.2	S	1.8	3.1
6	S	1.4	SSE	2.1	S	7.0	SW	5.6	S	2.8	SSE	1.5	3.3
7	SE	1.0	SE	0.9	S	1.8	SW	3.5	W	2.3	—	0.3	1.8
8	—	0.3	ENE	1.9	E	4.1	E	2.9	E	1.8	E	1.8	2.0
9	ENE	1.6	ENE	1.7	NE	3.2	E	1.8	NE	1.2	N	0.7	1.6
10	N	1.8	NNW	2.5	NW	1.8	SW	3.8	SSW	4.1	S	2.3	2.8
11	S	1.3	S	4.1	S	4.7	SSW	4.9	S	4.6	SE	4.1	4.0
12	NW	2.3	SE	2.3	SSE	1.2	SSW	4.5	SW	1.5	SW	1.0	2.7
13	S	0.6	S	1.9	S	4.7	SSW	4.4	SSW	3.2	S	0.9	2.7
14	SE	2.7	SE	2.9	S	3.5	SSW	4.9	E	1.5	—	0.2	2.7
15	SE	0.9	SE	1.2	SE	1.4	NE	1.8	NNE	5.0	NE	4.8	2.4
16	NE	4.9	SE	3.2	S	9.0	S	9.5	SW	5.7	S	4.9	5.8
17	S	5.6	S	5.3	S	4.9	SSE	3.8	SSE	2.9	ESE	1.8	4.4
18	ENE	1.9	NE	1.8	NNE	3.6	NNE	4.1	NNE	3.8	NNE	4.7	2.9
19	NNE	4.3	N	4.1	NNE	5.3	NNE	4.7	NNE	3.2	N	0.6	4.0
20	S	1.9	—	0.2	SSW	1.8	W	2.3	W	2.6	SSW	0.6	1.6
21	SE	1.5	—	0.4	SE	2.6	S	2.9	SW	2.7	SSW	2.3	2.1
22	S	1.9	—	0.2	S	0.5	N	4.7	N	1.3	N	1.9	1.9
23	NNE	3.5	NNE	2.9	NNE	1.7	NE	2.4	NE	0.8	—	0.0	1.9
24	S	1.2	S	1.3	SW	2.6	SW	2.9	SSW	2.3	SSW	0.8	2.3
25	—	0.1	S	1.9	S	2.0	SSW	2.6	SW	1.3	SSW	1.9	1.6
26	SSW	0.7	SSW	3.7	SSE	2.3	S	2.9	SSW	3.5	S	1.9	2.2
27	SSE	0.9	SE	0.6	SSE	2.9	SSW	3.7	SW	4.7	S	1.8	2.2
28	SSE	1.1	SSE	4.7	SSE	3.8	SSW	4.5	SSW	2.3	S	1.9	2.9
29	SSE	0.9	S	2.9	SSE	4.2	S	4.1	SW	2.8	S	1.2	2.8
30	S	1.7	SE	0.6	NE	1.2	NNE	1.9	NNE	2.3	NNE	1.4	1.3
31	NNE	1.3	NNE	0.9	NNE	2.5	NNE	1.5	N	1.9	—	0.4	1.5
平均 Mean		1.7		2.1		3.4		3.6		2.8		1.7	2.6

日 Day	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	合計 Total
1	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—
3	—	—	—	0.2	0.5	6.0	6.7
4	4.4	7.7	3.8	1.3	—	—	17.2
5	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—
8	1.5	12.2	1.2	1.7	0.0	0.3	16.9
9	0.5	—	4.0	1.5	3.1	0.9	10.0
10	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—
12	15.5	15.3	—	—	—	—	30.8
13	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—
15	—	—	0.4	18.9	9.5	38.6	67.4
16	19.5	2.3	1.8	0.3	1.2	0.4	25.5
17	0.1	0.1	4.8	6.5	—	—	11.5
18	—	—	—	—	0.1	—	0.1
19	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—
21	—	—	0.0	—	—	—	0.0
22	3.4	2.9	—	0.0	0.3	0.1	6.7
23	0.7	—	—	—	—	—	0.7
24	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—
28	—	9.6	8.8	—	—	—	18.4
29	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—
平均 Mean	45.6	50.1	24.8	30.4	14.7	46.3	211.9

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	20.3	20.8	24.6	27.2	25.7	21.6	23.4	28.4	17.7	10.7
2	19.6	21.8	27.1	29.4	26.5	22.4	24.5	30.4	18.0	12.4
3	21.4	25.1	28.7	26.2	25.2	23.1	25.0	29.1	20.2	8.9
4	22.5	22.7	22.6	26.3	27.0	23.0	24.0	29.0	21.9	7.1
5	22.3	23.5	25.9	29.1	27.2	23.5	25.3	30.5	20.6	9.9
6	21.9	23.1	28.0	30.8	28.5	24.2	26.1	31.3	20.5	10.8
7	21.9	21.5	26.8	29.3	27.8	25.0	25.4	30.8	20.1	10.7
8	24.7	23.5	23.3	25.6	24.5	22.5	24.0	26.4	21.8	4.6
9	21.8	22.0	23.0	26.1	24.8	23.4	23.5	26.8	21.2	5.6
10	22.8	22.7	26.8	28.5	25.5	24.1	25.1	29.3	21.6	7.7
11	24.7	24.3	27.8	30.7	28.0	24.9	26.7	31.1	22.8	8.3
12	22.6	23.1	28.3	29.8	27.4	24.9	26.0	30.6	19.2	11.4
13	23.2	23.3	27.9	29.5	28.7	24.5	26.2	30.5	21.7	8.8
14	23.8	24.9	30.5	32.1	27.5	26.7	27.6	33.1	21.7	11.4
15	25.2	24.7	25.4	22.8	22.1	21.6	23.6	27.1	20.8	6.3
16	21.9	22.4	23.6	23.0	23.0	22.1	22.7	24.5	20.7	3.8
17	21.8	20.7	20.3	22.0	22.0	20.5	21.2	23.5	19.2	4.3
18	19.8	19.5	26.3	28.5	25.5	23.3	23.8	28.8	18.5	10.3
19	22.7	22.5	26.5	28.5	28.9	25.6	25.8	30.0	21.9	8.1
20	24.9	24.5	28.5	29.5	29.0	25.3	27.0	30.8	22.2	8.6
21	24.5	24.3	28.1	29.1	26.6	25.5	26.4	30.2	23.5	6.7
22	24.4	23.8	25.8	22.8	22.9	21.7	23.6	26.6	21.1	5.5
23	21.3	20.7	27.5	30.4	30.5	25.1	25.9	31.5	20.3	11.2
24	24.5	23.3	27.8	30.1	27.6	23.8	26.2	30.6	22.3	8.3
25	23.8	24.2	26.3	28.3	28.2	25.3	26.0	29.8	22.7	7.1
26	24.1	23.7	28.0	29.6	28.7	26.1	26.7	31.7	22.9	8.8
27	24.7	23.9	30.5	31.5	27.4	25.6	27.3	32.1	22.1	10.0
28	24.1	23.5	27.3	29.0	26.5	25.6	26.0	29.8	22.9	6.9
29	25.0	25.3	26.5	29.0	27.8	25.7	26.6	30.5	24.2	6.3
30	24.1	24.0	29.6	31.4	29.5	25.5	27.4	32.3	22.7	9.6
31	22.8	21.8	29.8	32.5	31.0	26.7	27.4	33.4	20.6	12.8
平均 Mean	23.0	23.1	26.7	28.3	26.8	24.2	25.4	29.7	21.2	8.5

日 Day	濕度 (百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean
1	89	81	60	53	58	77	70
2	75	67	45	48	70	77	64
3	80	81	67	89	96	96	85
4	99	100	99	78	75	95	91
5	96	87	82	63	68	90	81
6	96	76	63	56	72	82	74
7	90	91	74	69	78	90	82
8	100	100	96	78	86	95	93
9	96	97	96	86	98	100	96
10	99	98	75	75	85	94	88
11	95	96	86	74	83	85	87
12	96	89	81	78	84	98	88
13	98	100	65	54	51	90	76
14	90	88	70	68	85	91	82
15	95	93	91	100	100	100	97
16	100	100	92	96	86	98	95
17	90	96	100	80	90	98	92
18	100	99	69	73	90	99	88
19	99	94	73	71	73	88	83
20	96	95	73	66	69	94	82
21	95	92	75	78	89	90	87
22	100	100	89	87	92	98	94
23	90	99	73	66	66	96	83
24	100	99	69	56	74	90	81
25	93	94	82	83	76	92	87
26	98	93	76	74	88	91	87
27	93	93	66	62	82	86	80
28	94	100	79	77	87	96	89
29	91	89	89	72	82	89	85
30	96	97	71	56	64	86	78
31	96	97	58	53	62	89	76
平均 Mean	95	93	77	72	79	92	85

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 —	4 c	0.8	14.24	9.0
2	5 c	6 c	10 c	4 c	0 —	5.0	14.10	9.2
3	10 kc	10 cs	10 n	10 n	10 n	10.0	3.29	1.3
4	10 n	10 n	10 sk, n	4 ck	6 ck	8.0	3.00	4.5
5	0 —	0 —	0 k	0 —	0 c	0.0	14.33	6.9
6	10 cs	10 c, cs	1 c, k	10 c	10 c	8.2	14.10	7.8
7	10 c	10 c, cs	10 cs	10 ck	10 ck	10.0	13.70	4.1
8	10 sk, n	10 n	10 sk	10 n	10 n	10.0	0.00	1.8
9	10 sk	10 n	10 n	10 n	10 n	10.0	9.90	2.2
10	5 k, kc	10 k, kn	7 k, kc	9 ck, kc	4 ck	7.0	14.10	6.7
11	0 —	0 k	0 —	0 c	3 ck	0.6	9.22	9.4
12	10 kc, k	10 kc	4 k	5 kn, k	0 k	5.8	6.40	5.7
13	7 ck	10 c	0 k	0 —	0 —	3.4	14.43	8.6
14	0 —	0 c	5 c, k	10 kc, kn	10 kc	5.0	11.65	5.9
15	10 sk, kc	10 n	10 n	10 n	10 n	10.0	0.00	0.6
16	10 n	10 n, sc	10 k, kn	10 n	10 n	10.0	5.90	1.9
17	10 n, ck	10 n	10 n	10 n, kc	10 c	10.0	0.00	4.4
18	6 c	10 k, kc	10 kn, k	10 kc, c	2 k	7.6	10.60	4.1
19	6 kc	10 kc	7 k	0 ck	10 cs	6.6	10.00	5.6
20	10 kc	7 ck, k	4 ck	5 ck, k	0 —	5.2	11.37	6.6
21	10 kc	10 kc	10 kc	10 kc, kn	10 ck	10.0	4.25	1.2
22	10 n	10 sk, n	10 n	10 n, sk	10 n	10.0	0.00	2.4
23	10 kc	3 c, k	0 k	0 —	0 —	2.6	12.45	6.3
24	0 —	0 —	0 k	0 k	0 —	0.0	14.40	6.3
25	10 sk	10 kn, k	0 k	0 —	0 —	4.0	9.14	6.1
26	10 s, k	9 k	0 k	0 k	0 —	3.8	9.42	6.1
27	4 ck	7 s, ck	3 k	10 ck, k	0 —	4.8	11.78	5.8
28	10 n	10 sk, n	10 ck, kc	10 sk	10 kc	10.0	0.00	3.8
29	10 sk, kc	10 sk	8 kc, k	9 sk, kc	5 ck	8.4	6.40	4.8
30	5 kc, s	7 k, s	4 k	0 k	0 —	3.2	12.95	5.8
31	0 —	0 —	3 c, k	5 c	0 —	1.6	13.30	6.7
平均 Mean	7.0	7.4	5.7	5.8	5.0	6.2	274.42	161.6

* 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

MUKDEN.

昭和五年七月 JULY, 1930.

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	52.1	52.9	53.3	52.1	51.9	53.8	52.7	S	3.0	SW	3.5	SW	4.6	W	5.1	W	5.1	SW	2.6	4.3	—	—	—	—	—	—	—
2	54.4	54.8	55.2	53.7	52.7	53.6	54.1	SSW	3.6	S	1.9	SW	6.9	WSW	7.2	WSW	6.2	SW	4.8	5.2	—	—	—	—	—	—	—
3	53.3	53.2	52.3	51.5	51.5	49.7	51.9	S	3.4	S	2.7	SW	10.6	W	10.7	WSW	1.9	ESE	3.1	5.6	—	—	—	—	1.7	2.1	3.8
4	46.5	42.7	41.4	41.8	42.6	44.3	43.2	ESE	3.4	ESE	3.2	SSW	4.7	NW	5.6	NW	3.3	SW	1.6	3.9	2.7	5.9	19.6	1.7	—	—	29.[illegible]
5	45.2	44.9	45.0	44.7	45.5	46.9	45.4	SSW	2.5	S	2.9	SW	5.7	SW	4.8	ENE	0.6	SW	3.5	3.6	—	—	—	—	0.0	—	0.0
6	47.5	49.0	49.5	48.9	48.7	50.3	49.0	SSW	3.0	SSW	1.5	SW	6.5	WSW	8.9	WSW	7.5	SW	4.4	5.4	—	—	—	—	—	—	—
7	50.4	51.3	51.6	51.0	50.4	51.2	51.0	SSW	2.7	SW	2.0	SW	6.5	SW	6.2	WSW	3.7	WSW	2.1	3.9	—	—	—	—	—	—	—
8	51.1	50.9	50.5	49.9	49.2	50.0	50.3	ESE	1.7	ESE	2.5	NE	2.7	W	0.5	WSW	1.8	—	0.2	1.6	—	—	16.1	0.2	—	—	16.3
9	49.0	48.7	47.6	45.4	44.5	44.4	46.6	E	1.3	E	0.6	ESE	3.2	ESE	4.7	E	1.9	E	2.2	2.4	—	2.8	2.8	0.4	1.9	0.2	8.1
10	43.9	44.3	44.4	43.7	42.6	44.1	43.8	N	1.9	NNW	2.1	NNW	3.2	W	2.3	SSW	3.2	WSW	5.4	2.6	0.2	0.1	—	—	—	—	0.3
11	43.9	44.2	44.0	42.9	42.2	43.5	43.5	SW	3.4	WSW	2.7	W	3.7	S	5.1	S	6.2	S	3.3	4.5	—	—	—	—	—	—	—
12	44.1	42.0	43.6	43.3	42.9	45.1	43.5	SSW	5.8	SW	1.9	SW	5.8	SW	1.8	W	1.3	SW	3.7	4.0	0.2	—	—	10.6	0.0	4.9	15.7
13	45.6	46.0	46.5	45.4	46.2	47.9	46.3	SSW	2.3	SW	2.7	SW	6.8	SW	8.4	SW	3.6	SSW	4.0	4.3	—	—	—	—	—	—	—
14	48.4	48.9	48.9	49.0	50.6	49.3	49.2	SSE	2.9	S	0.7	SW	7.1	SE	1.1	E	1.1	E	1.7	3.4	—	—	—	20.4	13.9	1.1	35.4
15	49.6	49.2	49.3	48.3	46.8	43.5	47.8	S	2.5	SSW	1.8	ENE	2.6	SE	2.7	E	2.9	NE	7.8	3.1	—	3.6	2.1	1.0	5.2	6.4	18.3
16	38.5	35.0	35.7	36.5	37.2	39.2	37.0	NE	8.6	E	7.2	SSE	5.7	SW	8.9	S	6.3	SSW	3.7	6.7	16.8	20.6	1.6	2.5	12.3	5.1	58.[illegible]
17	40.2	41.7	43.5	44.6	46.1	47.4	43.9	—	0.0	ESE	2.7	E	4.6	SSW	5.7	—	0.1	—	0.0	2.3	1.2	0.2	0.1	19.3	7.1	3.6	31.5
18	47.6	48.1	48.0	47.3	47.0	47.2	47.5	ENE	1.7	ENE	2.0	NE	2.1	ESE	4.2	NE	3.0	NE	3.5	2.5	0.2	—	—	11.2	0.1	0.0	11.5
19	46.4	46.5	46.7	46.4	46.8	48.7	46.9	NE	3.3	NE	5.3	NNE	5.3	NNE	4.6	NNE	3.2	N	1.9	3.9	—	—	—	—	—	—	—
20	49.3	50.3	51.2	51.0	50.8	51.6	50.7	N	1.3	SSE	0.6	SW	3.2	S	2.1	S	1.8	S	1.9	1.9	—	—	—	0.0	0.3	—	0.3
21	51.7	51.8	51.6	50.0	49.9	50.6	50.9	SSW	2.2	S	1.1	S	2.5	SSW	2.8	SW	2.0	S	2.6	2.3	—	1.1	—	—	0.9	8.3	10.3
22	50.0	49.7	50.0	49.7	49.3	49.6	49.7	SSW	2.1	SSW	2.0	W	2.0	E	1.6	—	0.0	ENE	1.1	1.5	—	—	—	1.9	0.3	0.2	2.4
23	49.4	49.5	49.6	48.4	47.8	49.2	49.0	ENE	1.9	NE	1.8	SE	1.8	NE	2.7	ESE	1.2	N	0.5	1.7	—	—	—	—	—	—	—
24	49.5	50.4	51.1	50.9	51.0	52.6	50.9	E	2.3	SE	1.6	SW	4.1	WSW	5.9	WSW	3.4	SW	2.8	3.4	—	—	—	—	—	—	—
25	52.7	53.2	53.1	52.0	51.4	52.5	52.5	SW	2.3	SSW	1.7	SSW	3.3	S	3.4	WSW	2.2	W	2.0	2.7	—	—	—	—	—	—	—
26	52.4	52.3	52.1	50.9	49.7	50.8	51.4	S	1.3	SSW	0.9	SW	5.7	SW	4.5	WSW	4.3	SW	2.2	3.3	—	—	—	—	—	—	—
27	51.1	51.3	52.1	50.9	51.3	51.8	51.4	SW	2.5	S	2.3	SW	6.2	S	5.5	W	4.8	SE	1.8	3.7	—	—	—	0.0	2.4	—	2.[illegible]
28	52.0	51.7	51.9	51.2	50.1	50.6	51.3	SSE	2.3	SSE	1.8	S	5.7	ESE	2.7	S	4.2	SSW	2.8	3.2	—	0.1	5.5	7.0	—	—	12.[illegible]
29	50.2	50.0	50.4	49.5	49.2	51.5	50.1	E	2.3	SSE	2.0	SW	6.0	SW	5.3	W	5.3	SSE	3.2	4.0	—	—	—	—	—	18.9	18.[illegible]
30	51.5	52.3	52.8	51.6	50.9	51.6	51.8	SSE	1.0	ESE	1.2	E	1.2	ENE	1.9	NE	3.1	NE	2.0	1.8	—	—	—	—	—	—	—
31	51.5	52.2	52.2	51.3	51.3	52.7	51.9	ESE	2.1	E	2.7	E	2.2	ENE	2.0	N	1.9	—	0.0	2.1	—	—	—	—	—	—	[illegible]
平均 Mean	48.7	48.7	48.9	48.2	48.0	48.9	48.5		2.6		2.2		4.6		4.5		3.1		2.7	3.4	21.3	34.4	47.8	76.2	46.1	50.8	276.[illegible]

日 Day	氣温(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	18.9	21.0	27.6	31.8	30.1	22.1	25.3	32.4	18.4	14.0	92	88	57	43	49	77	68
2	19.6	20.2	29.6	32.9	31.0	23.7	26.2	33.2	18.2	15.0	84	85	50	42	50	82	66
3	19.4	22.8	29.4	28.8	24.6	23.8	24.8	32.2	18.6	13.6	93	85	70	69	97	98	85
4	22.7	22.6	23.6	25.4	27.1	22.8	24.0	28.8	22.4	6.4	98	100	99	81	75	98	92
5	21.9	23.0	28.7	31.6	29.0	23.9	26.4	32.6	20.8	11.8	100	94	76	64	72	84	82
6	21.5	22.8	29.4	32.4	30.5	24.6	26.9	32.9	19.6	13.3	91	87	59	58	62	92	75
7	21.2	21.5	29.2	33.0	31.1	24.4	26.7	33.5	19.4	14.1	97	92	61	41	46	78	69
8	23.4	24.2	27.1	28.6	28.1	23.5	25.8	29.6	22.3	7.3	86	77	72	65	65	81	74
9	22.7	22.0	23.3	24.3	23.8	22.0	22.9	24.4	21.9	2.5	87	92	90	87	94	99	92
10	21.7	21.7	24.8	27.9	27.1	24.4	24.6	29.2	21.3	7.9	99	95	76	65	76	93	84
11	22.2	23.3	27.3	32.1	29.1	23.9	26.3	33.4	21.7	11.7	96	93	80	36	51	78	72
12	23.2	22.1	27.2	25.1	28.1	24.4	25.0	29.2	22.0	7.2	79	72	62	84	80	83	77
13	22.2	23.0	28.1	31.1	29.3	23.0	26.1	31.5	20.7	10.8	91	91	73	56	60	77	75
14	21.4	23.3	29.7	22.2	22.3	22.0	23.5	30.5	21.0	9.5	93	84	68	99	100	99	91
15	22.9	24.1	25.2	24.1	23.2	21.6	23.5	25.9	21.6	4.3	99	92	89	91	92	96	93
16	21.4	21.4	23.9	23.7	22.6	21.0	22.3	26.8	21.0	5.8	99	100	93	94	97	100	97
17	21.3	21.9	24.2	23.4	20.8	19.7	21.9	25.2	19.5	5.7	95	92	79	89	96	99	90
18	19.3	19.6	27.4	25.0	21.1	22.9	23.1	28.1	18.9	9.2	98	100	77	83	91	93	90
19	22.4	22.6	25.6	29.3	29.1	24.0	25.5	30.1	21.3	8.8	88	78	68	60	67	90	75
20	22.1	22.0	26.5	26.7	26.7	24.3	24.7	28.1	20.6	7.5	96	95	82	85	82	95	89
21	23.8	23.2	27.6	29.0	26.6	23.7	25.7	30.8	22.9	7.9	92	95	76	75	91	99	88
22	23.4	23.8	25.6	22.6	23.4	21.9	23.5	26.2	21.9	4.3	100	98	88	88	88	83	93
23	21.1	21.6	27.8	30.0	30.0	24.3	25.8	30.8	19.5	11.3	88	83	63	56	65	93	75
24	22.0	22.8	28.7	31.1	30.0	23.7	26.4	31.6	20.6	11.0	92	90	74	59	61	89	78
25	22.4	23.1	28.6	31.4	31.2	25.2	27.0	32.6	20.6	12.0	94	89	72	58	60	90	77
26	23.5	23.9	28.6	32.0	31.1	25.6	27.5	32.9	22.2	10.7	94	95	69	58	62	90	78
27	23.8	24.0	30.0	30.9	24.8	23.8	26.2	31.2	22.4	8.8	94	89	65	63	86	95	82
28	23.2	23.4	23.4	22.6	26.3	24.1	23.8	26.5	22.1	4.4	96	93	95	93	82	96	93
29	22.7	23.4	27.8	30.3	28.5	21.2	25.7	31.6	21.2	10.4	96	95	75	67	76	96	84
30	20.7	22.4	28.0	30.6	30.0	23.4	25.9	31.2	20.1	11.1	96	91	71	54	53	78	74
31	21.4	21.6	28.9	31.5	30.9	25.7	26.7	34.3	19.1	15.2	85	83	58	52	61	88	71
平均 Mean	21.9	22.5	27.2	28.4	27.4	23.4	25.1	30.2	20.8	9.5	93	90	74	68	74	90	82

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 [illegible]
1	0	—	0	—	0	k	1	k	2	c	0.6	13.52	12.[illegible]
2	10	s	10	cs	10	cs, c	10	cs, c, sk	0	—	8.0	11.20	11.[illegible]
3	10	s, sk	10	sk	10	s, n	10	n	10	n	10.0	4.59	3.[illegible]
4	10	n	10	n	10	s, sk	10	s, sk, k	8	cs, ck	9.6	2.20	6.[illegible]
5	0	—	0	s	1	k	7	k, cs	9	kc, s	3.4	12.96	8.[illegible]
6	1	c, sk	0	c	7	c	1	s, k	0	c	1.8	13.78	10.[illegible]
7	0	—	9	c	10	c	10	c, s	10	cs, c	7.8	13.50	11.[illegible]
8	10	s	10	s, n	10	s, n	10	s	10	cs, s	10.0	0.35	2.[illegible]
9	10	n	10	n	10	s, n	10	n	10	n	10.0	0.00	1.[illegible]
10	10	s	10	s	10	s, sk	10	kc, s	10	s	10.0	3.00	3.[illegible]
11	10	s	7	s, sk	0	—	5	k, kn	1	kn, sk	4.6	8.50	8.[illegible]
12	2	sk	10	s, k	10	s, kn	10	s, kn	0	s	6.4	7.22	6.[illegible]
13	9	kc, ck	7	sk, k	5	k, s	1	c, k	0	s	4.4	10.78	8.[illegible]
14	0	s, c	10	c, cs, sk	10	n, s	10	n	8	s, kn	7.6	5.87	6.[illegible]
15	10	s, n	10	s, n	10	n	10	n	10	n	10.0	0.00	2.[illegible]
16	10	n	10	n	10	n	10	s, n	10	n	10.0	0.94	2.[illegible]
17	10	s	10	s, n	10	n, s	10	n	10	s	10.0	0.00	2.[illegible]
18	7	s, ck	9	ck, kc	10	n, s	10	n, s	10	s	9.2	4.05	5.[illegible]
19	3	ck, s	8	ck, kc	0	s	0	k	0	—	2.2	13.15	7.[illegible]
20	8	kc, s	10	s, sk	10	s, n	9	ck, kc	9	s	9.2	5.12	3.[illegible]
21	9	s, sk	10	s, sk	9	kc, sk	10	s, n	10	s, n	9.6	5.39	4.[illegible]
22	10	s, n	10	s, n	10	n	10	s, n	10	s	10.0	0.00	1.[illegible]
23	0	ck	0	s	1	s, k	0	—	0	—	0.2	12.60	5.[illegible]
24	7	ck, k	8	sk	2	k	0	k	0	—	3.4	12.13	7.[illegible]
25	0	—	7	sk	0	k, s	0	—	0	s	1.4	12.90	7.[illegible]
26	10	s	5	sk, s	5	k, s	1	sk, k	1	s	4.4	11.65	8.[illegible]
27	0	—	8	k, sk	7	k, s	10	s, k	5	s	6.0	8.75	4.[illegible]
28	10	n	10	n	10	s, n	8	ck, s	2	s	8.0	1.47	2.[illegible]
29	10	s, ck	10	s, sk	7	sk, k	9	kn, ck	2	kn	7.6	9.03	8.[illegible]
30	1	s	8	sk	0	k, s	0	k	0	—	1.8	12.55	5.[illegible]
31	0	—	0	—	7	c, cs	9	c	1	c	3.4	12.32	6.[illegible]
平均 Mean	6.0		7.6		6.8		6.8		5.1		6.5	229.52	18[illegible]

※ 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
CHANGCHUN.

昭和五年七月　　　　JULY, 1930.

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.
1	35.6	36.7	37.1	36.4	36.2	37.1	36.5	SW	2.6	SW	2.1	SW	3.7	WSW	3.4	SW	2.5	SW	1.4	2.4
2	37.7	37.6	38.4	37.1	37.1	36.9	37.5	SW	3.5	SW	3.5	S	5.8	SSW	5.8	SSW	2.1	SSW	1.8	3.3
3	36.6	36.4	35.9	34.6	35.2	35.5	35.7	SSW	2.6	SSW	3.2	SSW	5.3	SSW	5.4	SW	7.6	SW	1.3	4.0
4	34.3	31.9	28.6	25.6	23.7	25.9	28.3	—	0.0	E	2.9	E	2.7	ESE	4.7	SSW	1.2	W	2.7	2.3
5	28.2	29.8	30.0	28.6	29.8	31.3	29.6	W	2.0	WSW	0.5	S	0.6	SW	3.0	—	0.1	—	0.0	0.7
6	31.1	31.9	33.7	33.3	33.8	35.1	33.2	—	0.3	SSW	1.8	WSW	1.3	WSW	2.6	—	0.2	S	0.7	1.2
7	37.5	36.5	36.9	36.9	36.2	37.7	37.0	—	0.0	—	0.1	NNE	1.8	N	0.8	ENE	3.4	ENE	1.2	1.3
8	37.5	38.4	37.1	35.5	35.4	35.8	36.6	ESE	0.7	NNE	2.1	NE	2.9	E	2.7	NE	2.0	NE	2.1	2.0
9	35.0	34.3	34.2	32.7	31.2	30.9	33.1	—	0.4	E	0.5	ESE	1.2	ESE	1.8	ESE	1.4	SE	1.2	1.5
10	30.3	29.4	29.3	27.4	27.5	27.5	28.6	NE	1.7	NE	2.2	NE	3.0	ENE	2.9	ENE	2.1	—	0.4	2.2
11	27.8	28.2	27.7	27.4	26.8	29.8	28.0	—	0.4	SSE	0.7	SW	4.9	SW	3.6	S	3.0	N	5.7	2.6
12	29.3	27.8	27.7	26.9	27.6	28.9	28.0	SSW	1.4	SE	1.9	SSW	3.9	WSW	1.8	W	3.2	SSW	1.1	2.3
13	29.3	29.5	29.8	29.6	29.8	31.6	29.9	SSW	2.9	SW	3.5	SW	4.8	WSW	3.1	WSW	3.0	S	1.9	3.0
14	31.9	32.8	33.2	33.0	33.2	34.6	33.1	SSW	2.5	SW	4.3	SSW	4.4	SW	3.5	SSW	0.9	SW	0.8	2.8
15	34.3	34.7	34.7	33.5	33.3	34.0	34.1	—	0.0	—	0.1	—	0.3	SE	1.1	S	0.6	SSE	0.6	0.3
16	31.5	27.9	25.0	23.2	24.0	26.8	26.4	SE	1.2	ENE	1.2	ENE	6.4	E	3.5	NNE	1.2	ESE	0.6	2.4
17	27.3	28.7	30.5	31.3	32.2	33.6	30.6	SE	0.8	ENE	0.5	ESE	1.5	S	1.1	E	1.8	ENE	1.0	1.5
18	33.9	34.7	35.0	35.1	35.1	36.1	35.0	NE	1.6	ENE	1.9	ENE	2.7	ENE	1.4	—	0.3	ENE	1.1	1.5
19	35.9	35.7	35.8	35.7	35.3	36.2	35.8	E	1.2	ENE	4.0	ENE	3.6	ENE	5.8	NE	3.9	NE	1.2	3.3
20	36.3	36.2	36.2	35.8	35.3	35.9	36.0	ENE	1.5	ENE	0.9	SE	0.6	S	0.8	S	0.6	S	1.2	0.8
21	36.0	35.5	35.3	34.3	34.7	34.6	35.1	SSW	1.1	SW	1.6	SW	3.2	SW	1.8	SSW	1.9	SSW	0.7	1.8
22	33.9	33.6	33.9	33.4	33.0	34.3	33.7	SW	1.8	SW	2.6	SW	2.6	WSW	3.0	WSW	1.5	SW	2.8	2.1
23	34.7	34.5	35.0	34.0	33.8	34.6	34.4	SW	2.9	SW	1.2	WSW	2.6	WSW	1.6	—	0.1	—	0.0	1.0
24	35.1	35.9	36.2	35.0	37.1	37.5	36.1	—	0.2	—	0.1	S	1.5	S	2.1	ESE	0.9	E	0.6	1.0
25	37.5	37.6	37.6	37.4	36.6	37.5	37.4	E	1.9	SSE	1.9	SW	1.9	SW	1.4	—	0.1	—	0.0	1.2
26	37.2	37.0	36.6	35.6	35.0	35.3	36.1	S	0.7	S	1.2	S	2.1	S	3.7	—	0.1	SSE	0.5	1.6
27	35.6	35.9	35.9	35.7	36.0	36.0	35.9	SSW	1.2	S	1.5	SSW	4.2	SSW	4.7	SSW	2.9	SSW	2.1	2.8
28	36.1	36.2	36.0	35.0	34.5	34.7	35.4	SSW	2.3	SSW	2.7	SSW	2.9	SW	3.6	SW	1.9	S	1.6	2.6
29	34.5	34.6	34.9	35.0	35.1	36.2	35.1	—	0.0	SE	1.8	S	1.2	WSW	1.1	S	2.1	S	1.2	1.2
30	36.8	37.6	37.7	37.0	36.9	37.2	37.2	—	0.0	S	1.1	SSW	1.2	WSW	1.4	—	0.0	SSW	0.7	0.8
31	37.7	38.2	37.9	37.1	37.0	38.0	37.7	—	0.3	S	1.5	—	0.3	S	0.8	S	0.8	—	0.0	0.7
平均 Mean	34.1	34.1	34.0	33.2	33.2	34.1	33.8		1.3		1.8		2.7		2.7		1.7		1.2	1.9

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	—	2.8	13.3	8.8	3.7	—	28.6
5	—	—	—	1.3	0.3	—	1.6
6	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—
8	—	0.0	—	—	—	—	0.0
9	—	0.1	0.0	—	—	2.9	3.0
10	—	0.1	—	—	—	—	0.1
11	—	—	—	1.7	—	—	1.7
12	5.1	0.5	—	—	—	—	5.6
13	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—
16	3.2	22.3	30.2	33.5	7.0	—	96.2
17	—	—	—	8.1	0.5	0.2	8.8
18	—	—	—	—	0.0	0.0	0.0
19	0.1	—	—	—	—	—	0·1
20	—	—	—	—	—	—	—
21	—	—	—	14.2	5.8	—	20.0
22	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—
24	—	—	—	—	1.1	—	1.1
25	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—
28	—	0.0	0.0	0.5	—	2.7	3.2
29	0.7	—	—	1.1	—	—	1.8
30	—	0.1	—	—	—	—	0.1
31	—	—	—	—	—	—	—
平均 Mean	9.1	25.9	43.5	69.2	18.4	5.8	171.9

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
1	20.4	20.0	26.5	32.0	30.2	25.2	25.7	33.1	19.2	13.9	81	85	63	44	45	60	63
2	22.3	21.6	28.5	32.2	30.3	23.2	26.4	33.2	21.1	12.1	75	71	47	39	38	57	55
3	21.4	23.0	29.3	30.9	29.9	24.1	26.4	32.1	20.6	11.5	79	81	56	56	56	66	66
4	21.5	21.0	21.5	22.0	23.8	21.8	21.9	24.2	20.6	3.6	89	97	96	97	97	97	96
5	20.3	20.0	26.1	29.1	24.1	20.1	23.3	29.4	19.6	9.8	96	95	70	65	86	91	84
6	18.1	22.1	26.6	29.2	26.0	22.3	24.1	29.7	18.0	11.7	99	87	60	54	54	76	72
7	20.2	23.1	26.5	29.6	29.0	23.2	25.3	30.7	19.0	11.7	91	78	56	51	48	79	67
8	21.6	21.0	26.7	30.7	28.2	23.4	25.3	31.6	19.5	12.1	88	89	60	48	60	86	72
9	20.7	22.1	25.8	27.9	26.7	2.11	24.1	29.3	20.2	9.1	92	86	66	63	60	94	77
10	20.8	20.8	23.9	26.0	23.6	21.4	22.8	26.4	19.9	6.5	97	88	71	61	67	89	79
11	19.6	24.6	29.0	31.8	30.2	19.8	25.8	32.7	18.5	14.2	97	94	56	40	47	79	69
12	18.1	20.0	28.3	29.8	28.9	23.0	24.7	30.7	17.2	13.5	91	85	60	56	54	81	71
13	22.1	24.6	26.5	30.0	29.7	21.6	25.8	31.6	21.4	10.2	92	86	75	55	52	87	75
14	21.7	23.6	28.3	28.5	26.1	23.1	25.2	31.2	20.1	11.1	84	82	67	71	72	84	77
15	21.1	22.3	27.4	27.7	25.9	23.9	24.7	28.8	20.6	8.2	97	93	64	65	76	84	80
16	21.8	20.0	19.6	20.9	23.2	21.7	21.2	24.0	18.7	5.3	98	99	99	98	95	91	97
17	21.4	21.8	27.9	22.7	24.3	22.6	23.5	28.2	20.9	7.3	91	95	68	94	84	95	88
18	21.0	22.0	26.0	25.2	23.3	21.8	23.2	26.2	20.1	6.1	96	95	70	73	88	90	85
19	19.5	22.0	26.9	24.9	24.0	21.0	23.1	27.7	19.1	8.6	90	91	66	71	74	81	79
20	18.4	18.6	26.5	29.5	29.0	24.7	24.5	30.7	17.4	13.3	91	90	62	60	65	90	76
21	22.5	23.1	28.9	25.6	22.8	22.8	24.3	30.4	22.5	7.9	95	91	70	94	97	98	91
22	22.9	23.6	25.9	26.4	25.1	22.7	24.4	27.3	22.0	5.3	96	94	83	86	88	93	90
23	19.8	19.2	26.7	30.1	27.2	23.0	24.3	31.6	18.5	13.1	94	94	63	61	74	92	80
24	20.1	24.2	29.3	32.0	27.6	23.6	26.1	32.1	19.8	12.3	92	96	63	53	69	92	78
25	21.8	25.8	29.5	32.4	28.3	24.2	27.0	32.9	21.8	11.1	98	96	72	56	77	92	82
26	22.1	25.5	31.2	32.7	30.9	25.0	27.9	33.4	21.7	11.7	93	95	66	52	58	83	75
27	23.6	23.9	29.3	31.6	26.6	23.2	26.4	32.0	22.7	9.3	90	92	63	71	82	92	82
28	22.9	24.4	26.3	26.9	26.7	20.7	24.7	28.5	20.8	7.7	92	96	77	75	75	95	85
29	18.5	21.0	26.5	25.7	24.1	20.0	22.6	28.2	18.3	9.9	96	97	72	74	78	92	85
30	17.3	18.8	28.3	31.6	28.0	22.4	24.4	32.2	16.2	16.0	98	98	65	45	59	86	75
31	19.5	18.6	30.5	32.5	27.9	22.7	25.3	33.2	16.2	17.0	86	97	50	46	69	72	70
平均 Mean	20.7	22.0	27.1	28.6	26.8	22.6	24.6	30.1	19.7	10.4	92	91	67	64	69	85	78

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	c, kc	0	c	5	k	4	k	6	sk, k	5.0	13.00	8.5
2	10	sc	10	sc	10	ck	10	c, cs	7	c	9.4	11.55	10.2
3	0	—	10	c	10	sc	10	sc, sk	10	sc	8.0	11.05	4.9
4	10	n	10	n	10	n	10	s	10	s	10.0	0.00	2.2
5	10	s	9	sc, ck	9	kn	10	kn	1	c	7.8	4.35	7.9
6	0	—	0	k	1	c	7	ck	9	sk	3.4	13.40	7.5
7	0	c	2	c	0	—	6	sk	6	kc	2.8	13.90	7.1
8	10	sk	10	ck, c	10	ck	5	c	3	c	7.6	11.90	6.1
9	10	sc	10	sc	10	sc	9	c, ck	10	sc	9.8	2.20	4.8
10	10	sc	10	k	10	sk	0	—	0	—	6.0	8.80	5.0
11	0	—	0	k	0	k	0	—	10	kn	2.0	13.15	9.8
12	10	sk	10	k, kn	5	kn	9	cs, kc	0	k	6.8	10.10	7.5
13	10	c	10	kn	9	k	6	sk	6	ck	8.2	12.15	5.3
14	10	cs	10	c	10	sc	10	sc	10	c	10.0	8.00	6.0
15	10	c	10	k	10	sc, sk	10	sc	10	sc	10.0	2.65	5.2
16	10	n	10	n	10	n	9	sk	10	sk	9.8	0.00	8.5
17	10	sk	9	k	10	sk	10	sc	10	sk	9.8	2.70	4.3
18	10	kc	10	ck	10	sc	10	sc	10	n	10.0	1.75	3.6
19	10	sc	4	k	10	sc	10	kc	0	—	6.8	5.55	6.2
20	0	sk	0	c	4	k	0	c	7	s	2.2	13.90	7.0
21	10	kc	10	k	10	s	10	s	10	s	10.0	5.20	3.0
22	10	s	10	sc, sk	10	sc, sk	10	sc	10	sc	10.0	0.00	3.2
23	0	—	0	—	0	k	0	—	0	—	0.0	13.20	7.0
24	7	ck	10	sc, ck	4	sk	8	k	10	sk	7.8	11.80	7.1
25	0	—	9	k	5	k	0	k	0	—	2.8	12.85	7.0
26	0	—	0	k	0	k	0	c	0	—	0.0	13.40	7.5
27	10	c	8	k	10	sk	0	k	10	sk	9.6	13.20	7.4
28	10	s	10	sc	10	sk	10	sk	10	n	10.0	0.50	4.7
29	10	s	10	ck, sc	10	sc	10	c	0	—	8.0	3.75	3.8
30	0	—	0	—	0	—	10	—	0	—	0.0	14.40	6.9
31	0	—	0	—	1	c	10	c	3	s	2.8	12.40	7.7
平均 Mean	6.7		6.8		6.9		6.9		6.1		6.7	260.80	192.9

※ 重力ノ更正　Reduction to standard gravity……………— 0.1
海面ヘノ更正　Reduction to mean sea level……………+ 18.4

旅順

昭和五年七月 RYOJUN. JULY, 1930.

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	50.2	51.8	52.1	51.4	SSE	0.6	SSE	2.6	SE	2.3	2.4	—	—	—	—
2	52.7	53.5	52.6	52.9	SE	2.9	SSE	4.1	SE	4.9	3.3	—	—	—	—
3	51.4	48.7	44.5	48.2	SSE	2.3	SE	6.4	SE	8.2	6.1	—	5.1	31.7	36
4	40.2	41.4	44.0	41.9	SSW	1.2	WNW	5.8	W	1.9	4.7	4.8	0.6	—	5
5	44.6	44.4	46.2	45.1	W	5.8	WSW	5.2	S	1.8	4.4	—	—	—	—
6	47.4	48.6	49.1	48.4	S	0.7	SSE	4.7	SE	2.9	3.0	—	—	—	—
7	48.8	49.0	47.8	48.5	SE	4.8	ESE	5.8	SE	5.8	5.6	0.4	0.0	—	0
8	46.2	46.7	46.7	46.5	SE	2.9	SE	4.4	SE	3.5	3.3	—	—	0.9	0
9	41.5	42.1	42.7	42.1	ESE	5.3	W	7.4	WNW	1.3	5.4	59.0	46.5	—	105
10	42.9	43.6	43.6	43.4	N	1.5	WNW	5.6	W	1.4	3.5	—	—	—	—
11	43.2	43.0	41.4	42.5	W	1.6	SSE	3.7	ESE	1.3	2.7	—	—	—	—
12	40.6	41.6	43.0	41.7	SE	2.3	S	2.3	WNW	2.6	2.9	—	—	—	—
13	44.1	45.7	45.7	45.2	NW	3.0	S	4.1	SE	1.9	2.2	—	—	—	—
14	46.8	47.2	48.0	47.3	SSE	1.8	SSE	3.3	S	5.4	3.6	—	—	—	—
15	46.4	41.5	32.8	40.2	SE	4.7	ESE	11.7	SE	8.5	8.2	5.5	71.7	70.3	147
16	35.5	38.7	39.4	37.9	W	15.2	W	7.6	W	2.2	7.8	1.3	0.2	—	1
17	40.3	42.6	43.8	42.2	W	8.2	W	3.2	N	1.8	3.9	0.5	—	—	0
18	43.9	43.5	42.9	43.4	N	2.0	NE	2.6	N	2.8	2.5	—	0.0	0.0	0
19	42.6	43.9	45.9	44.1	NNE	3.7	N	6.3	N	2.5	4.1	—	—	—	—
20	47.1	48.6	49.6	48.4	E	1.3	ESE	3.4	ESE	2.7	3.0	—	—	0.0	0
21	49.0	48.9	48.2	48.7	SSE	2.0	SSE	4.2	ESE	2.4	2.6	7.9	0.2	—	8
22	47.2	46.9	46.4	46.8	SE	0.5	—	0.0	E	0.9	0.9	—	0.0	30.4	30
23	46.1	46.9	47.9	47.0	NE	3.4	N	3.9	NNE	2.2	1.8	0.6	—	—	0
24	48.6	49.7	51.0	49.8	—	0.2	SSE	1.8	SSE	2.5	1.6	—	—	—	—
25	50.7	50.5	50.7	50.6	SSE	0.9	SE	2.3	SE	3.4	2.6	—	—	—	—
26	49.9	49.4	48.5	49.3	SE	2.9	SE	4.1	SE	2.6	2.9	—	—	—	—
27	48.6	49.4	49.6	49.2	SE	2.0	SSE	4.4	SE	3.2	3.2	—	—	—	—
28	49.2	49.8	49.2	49.4	S	2.6	S	1.6	SSE	0.9	2.1	—	—	0.0	0
29	48.5	48.1	48.2	48.3	W	5.3	SSE	1.8	SSE	2.3	2.1	2.6	2.6	—	—
30	48.8	49.3	49.0	49.0	ESE	0.5	SSE	3.6	—	0.4	1.8	—	—	—	—
31	48.9	48.7	49.8	49.1	NE	2.5	SSE	2.1	SSE	1.4	2.0	—	—	—	—
平均 Mean	46.2	46.6	46.5	46.4		3.1		4.2		2.8	3.4	82.6	126.9	133.3	342

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	18.2	24.8	20.0	21.0	27.2	17.2	10.0	100	63	89	84	2 kc, sk	0 k	0 sk	0.7	13.70	
2	19.2	24.6	21.6	21.8	26.0	18.2	7.8	93	70	98	87	0 c	10 sk	10 s	6.7	5.60	
3	21.8	22.1	21.4	21.8	23.5	20.1	3.4	100	100	99	100	10 s	10 n	10 n	10.0	0.00	
4	20.4	23.8	22.0	22.1	26.0	19.0	7.0	100	82	80	87	10 n	10 s	8 sk	9.3	4.60	
5	20.8	29.2	20.9	23.6	29.3	19.8	9.5	85	68	94	82	0 —	0 —	0 —	0.0	13.60	
6	20.6	27.0	21.2	22.9	27.8	19.1	8.7	97	68	98	88	0 —	0 cs	5 s	1.7	13.35	
7	21.3	23.8	22.0	22.4	24.9	19.7	5.2	100	90	100	97	10 n	10 ≡	10 ≡	10.0	0.00	
8	22.0	21.3	21.4	21.6	24.1	21.0	3.1	100	100	100	100	10 ≡	10 ≡	10 n	10.0	0.00	
9	22.0	26.7	22.1	23.6	28.8	20.6	8.2	100	86	100	95	10 n	10 s, sk	10 ≡	10.0	0.58	
10	22.0	27.6	24.2	24.6	29.0	21.0	8.0	98	76	84	86	9 kc, s	6 k	10 sk	8.3	7.96	
11	22.8	26.6	23.3	24.2	27.5	21.2	6.3	98	78	96	91	10 s	8 cs	5 sc	7.7	7.93	
12	22.8	27.4	23.0	24.4	31.0	21.6	9.4	100	75	92	89	10 ≡	0 —	0 s	3.3	10.40	
13	22.1	27.8	24.7	24.9	29.8	19.7	10.1	92	74	89	85	0 —	0 —	0 s	0.0	14.00	
14	22.6	28.8	24.0	25.1	30.2	21.4	8.8	91	70	86	82	0 —	2 c, cs	10 sk, kn	4.0	12.52	
15	23.4	22.9	21.4	22.6	24.2	20.6	3.6	100	98	100	99	10 n	10 n	10 n	10.0	0.00	
16	20.1	24.6	21.6	22.1	26.0	19.5	6.5	99	78	85	87	10 s	10 s	10 kc, sk	10.0	3.60	
17	21.0	26.6	20.1	22.6	28.0	19.0	9.0	80	63	95	79	10 sk, kc	5 c, k	6 c, kc	7.0	9.10	
18	19.8	25.6	22.7	22.7	27.2	18.5	8.7	100	71	92	88	7 c, s	10 n, sk	8 cs, sk	8.3	7.75	
19	23.0	25.8	24.5	24.4	27.6	21.7	5.9	94	75	90	86	10 sk, s	10 kc, sk	10 sc, s	10.0	2.40	
20	22.0	26.2	23.2	23.8	27.2	21.2	6.0	98	80	90	89	10 sk	10 s	10 s	10.0	5.20	
21	22.2	27.0	22.7	24.0	27.2	21.5	5.7	100	83	96	93	10 ≡	4 s	8 s	7.3	5.50	
22	22.6	27.1	23.5	24.4	28.8	21.8	7.0	100	79	98	92	10 ≡	10 n	10 n	10.0	3.35	
23	23.1	26.4	22.3	23.9	28.0	21.6	6.4	97	80	98	92	10 sk	9 sk, kc	0 —	6.3	6.05	
24	20.2	27.0	23.5	23.6	28.7	19.2	9.5	90	68	89	82	2 c, ck	3 c, ck	10 s	5.0	13.50	
25	22.5	27.2	22.8	24.2	28.1	21.3	6.8	95	83	95	91	5 c, s	10 s	8 sk, s	7.7	0.86	
26	23.0	27.0	23.5	24.5	27.8	22.0	5.8	100	82	95	92	10 ≡	10 s	10 s	10.0	3.80	
27	24.0	26.1	24.2	24.8	28.3	22.8	5.5	98	87	97	94	10 s	10 sk, s	10 s	10.0	2.08	
28	23.6	29.0	24.6	25.7	29.2	22.3	6.9	98	75	98	90	10 kc, s, c	10 sk	2 kc	7.3	5.20	
29	23.6	25.2	24.5	24.4	26.7	21.6	5.1	100	88	98	95	10 n	10 sk	10 s	10.0	0.23	
30	23.4	27.8	23.7	25.0	28.9	22.1	6.8	98	76	97	90	10 ≡	8 c, sk	9 c	9.0	6.65	
31	23.4	30.2	24.0	25.9	31.0	22.6	8.4	96	64	95	85	2 c	5 k	10 s	5.7	11.75	
平均 Mean	21.9	26.2	22.7	23.6	27.7	20.6	7.1	97	78	94	90	7.3	7.1	7.4	7.3	191.26	12

* 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

昭和五年七月 **ANZAN.** JULY, 1930

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	54.9	53.9	—	0.0	SW	3.5	WSW	1.8	2.1	—	—	—	—
2	55.0	55.2	54.5	54.9	S	1.7	SW	4.1	SW	0.7	2.4	—	—	—	—
3	53.9	53.0	50.1	52.3	SSW	2.7	SW	5.8	ESE	2.1	3.2	—	0.0	2.4	2.4
4	43.5	44.0	45.4	44.3	ESE	1.8	WNW	5.9	SSW	1.2	2.6	4.4	4.1	—	8.5
5	46.2	46.7	48.6	47.2	S	1.5	SSW	4.7	WSW	1.2	2.4	—	—	—	—
6	50.0	50.2	52.1	50.8	S	5.8	SW	5.3	S	0.9	3.6	—	—	—	—
7	51.5	52.0	52.0	51.8	—	0.0	SW	4.1	SSW	1.8	2.0	—	—	—	—
8	51.8	50.9	51.6	51.4	SW	0.8	S	2.9	SE	0.6	1.9	0.0	1.3	—	1.3
9	48.9	46.6	45.4	47.0	E	2.0	SE	4.1	E	1.2	2.2	1.1	11.0	1.9	14.0
10	45.6	45.0	46.1	45.6	NNE	2.9	W	0.7	WSW	3.5	2.4	0.1	—	—	0.1
11	45.4	44.6	44.3	44.8	SW	1.2	WSW	3.5	SSW	4.5	3.9	—	—	—	—
12	43.4	44.5	47.6	45.2	S	3.5	SW	1.7	SSW	1.7	2.9	1.4	5.2	0.0	6.6
13	46.8	46.8	48.9	47.5	SSW	1.2	WSW	5.2	SW	2.3	3.3	—	—	—	—
14	48.4	50.0	50.4	49.6	SW	1.7	WSW	2.7	—	0.0	2.8	—	—	16.3	16.3
15	50.0	49.0	42.4	47.1	SW	1.3	SE	1.8	E	7.3	2.7	—	0.9	25.4	26.3
16	35.3	37.3	39.8	37.5	S	2.8	WSW	7.6	SW	6.1	6.7	22.0	0.0	2.8	24.8
17	41.4	45.5	47.9	44.9	S	1.3	SW	3.5	E	2.9	2.6	1.0	11.0	13.0	25.0
18	48.2	47.7	47.6	47.8	NE	1.7	ENE	4.8	NE	3.8	3.4	—	0.0	1.6	1.6
19	46.5	47.5	48.8	47.6	NE	4.1	NE	4.2	NNE	1.2	4.0	—	—	—	—
20	51.0	51.7	52.5	51.7	WNW	1.8	WNW	2.3	SW	1.3	2.2	—	0.0	1.9	1.9
21	52.5	51.7	51.6	51.9	WSW	0.8	W	3.2	—	0.0	1.7	—	—	20.7	20.7
22	51.0	50.6	50.3	50.6	—	0.0	ESE	2.1	ENE	1.4	1.3	3.4	15.9	0.1	19.4
23	49.4	49.7	49.7	49.6	ENE	2.3	NNE	2.3	ESE	1.1	1.9	0.9	—	—	0.9
24	51.0	52.1	53.7	52.3	SW	1.3	W	4.7	SW	2.1	2.5	—	—	—	—
25	53.5	53.6	53.1	53.4	—	0.4	WNW	2.3	SW	0.6	1.7	—	—	—	—
26	53.0	52.4	52.2	52.5	—	0.0	SW	4.1	SW	1.8	2.1	—	—	—	—
27	52.1	52.4	52.6	52.4	SSW	0.5	SW	3.6	SSW	1.1	2.1	—	—	0.0	0.0
28	52.4	52.6	51.3	52.1	—	0.2	NNE	1.8	SE	1.3	1.5	—	21.8	1.1	22.9
29	50.4	51.0	51.7	51.0	SW	1.3	WSW	3.5	—	0.0	2.6	—	—	—	—
30	52.8	52.9	52.2	52.6	—	0.0	NE	2.9	—	0.0	1.6	4.9	—	—	4.9
31	52.6	52.7	53.6	53.0	—	0.0	NE	2.7	—	0.0	1.3	—	—	—	—
平均 Mean	49.2	49.5	49.8	49.5		1.5		3.6		1.8	2.6	39.2	71.2	87.2	197.6

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	18.4	28.8	23.1	23.4	30.2	17.6	12.6	90	47	57	65	0 —	2 cs	0 —	0.7	12.80	8.8
2	19.7	31.2	23.8	24.9	32.3	18.4	13.9	73	33	68	58	10 ck	4 cs	0 —	4.7	11.90	8.1
3	23.4	29.0	24.0	25.5	31.5	20.3	11.2	78	56	93	76	10 cs	10 n	10 n	10.0	4.90	3.9
4	23.4	24.5	24.0	24.0	28.8	23.0	5.8	91	85	91	89	10 n	10 sk	8 sk	9.3	2.70	4.5
5	22.1	31.1	24.6	25.9	32.8	21.3	11.5	88	46	74	69	0 ck	2 cs	0 —	0.7	13.10	10.3
6	23.2	32.0	26.4	27.2	33.3	20.4	12.9	59	48	76	61	2 cs, k	7 cs	3 cs	4.0	12.80	8.8
7	19.9	32.0	26.0	26.0	32.7	19.6	13.1	85	42	66	64	3 cs	7 cs	4 cs	4.7	11.70	7.3
8	24.4	27.8	24.2	25.5	28.4	23.9	4.5	86	54	71	70	10 sk	10 sk	10 sk	10.0	0.00	3.7
9	21.9	22.3	23.4	22.5	24.7	21.5	3.2	90	94	95	93	10 n	10 n	10 n	10.0	0.00	1.4
10	21.9	27.4	23.6	24.3	29.2	21.4	7.8	96	70	87	84	9 sk	9 sk	6 sk	8.0	2.60	4.5
11	23.6	33.4	26.4	27.8	34.0	22.4	11.6	89	29	63	60	4 sk	0 k	0 —	1.3	8.90	9.5
12	22.1	26.4	25.3	24.6	30.9	20.9	10.0	77	83	77	79	8 sk	10 n	0 —	6.0	9.00	6.2
13	21.3	31.4	24.6	25.8	31.9	21.0	10.9	94	48	67	70	1 cs	4 cs	0 —	1.7	12.40	9.8
14	23.2	30.8	23.6	25.9	32.3	22.2	10.1	68	61	91	73	0 —	9 sk	10 sk	6.3	5.50	4.5
15	23.4	24.9	21.5	23.3	27.7	21.0	6.7	89	87	94	90	10 sk	10 n	10 n	10.0	0.00	1.2
16	24.0	25.2	21.7	23.6	26.5	20.7	5.8	86	80	92	86	10 n	8 sk	10 sk	9.3	2.80	4.8
17	21.5	21.1	20.1	20.9	25.3	19.5	5.8	80	94	96	90	10 sk	10 n	10 sk	10.0	0.00	1.9
18	19.1	27.6	23.6	23.4	27.8	18.4	9.4	93	70	93	85	6 sk	10 sk	10 sk	8.7	3.60	4.1
19	21.5	28.7	25.8	25.3	29.7	21.1	8.6	94	62	86	81	10 sk	3 ck	0 —	4.3	12.20	6.7
20	23.6	26.8	25.1	25.2	29.4	23.0	6.4	91	74	90	85	10 sk	10 n	10 sk	10.0	2.90	4.4
21	23.4	30.0	24.3	25.9	31.0	23.1	7.9	91	66	94	84	10 sk	10 sk	10 sk	10.0	3.90	3.5
22	23.7	24.8	22.8	23.8	25.0	22.8	2.2	94	84	93	90	10 sk	10 sk	10 sk	10.0	0.00	2.3
23	20.5	28.8	24.7	24.7	29.7	20.0	9.7	98	61	86	82	10 sk	3 cs	0 —	4.3	10.60	6.3
24	22.3	30.4	24.4	25.7	31.2	21.5	9.7	95	58	86	8	2 cs	0 k	1 cs	1.0	12.30	6.9
25	21.7	30.4	26.3	26.1	32.1	21.5	10.6	92	65	86	81	0 —	5 k	2 sk	2.3	12.20	6.7
26	22.2	31.4	27.1	26.9	32.3	21.7	10.6	96	56	80	77	1 cs	6 k	1 cs	2.7	11.70	6.4
27	22.3	31.8	24.4	26.2	32.5	22.1	10.4	92	58	91	80	0 —	7 sk	3 sk	3.3	7.60	5.7
28	23.6	26.2	25.4	25.1	28.7	23.1	5.6	87	89	93	90	10 sk	9 sk	4 sk	7.7	0.70	4.3
29	23.8	29.6	25.4	26.3	30.8	23.2	7.6	89	65	91	82	10 sk	10 sk	3 sk	7.7	5.30	6.7
30	22.6	29.2	24.4	25.4	30.0	21.3	8.7	93	70	87	83	5 sk	5 sc	0 —	3.3	10.00	6.0
31	18.9	30.8	26.2	25.3	31.7	18.0	13.7	96	58	88	81	0 —	3 cs	0 —	1.0	12.30	7.6
平均 Mean	22.1	28.6	24.4	25.0	30.1	21.2	9.0	88	64	84	79	6.2	6.9	4.7	5.9	216.40	176.8

※ 重力ノ更正 Reduction to standard gravity ..... — 0.3
海面ニノ更正 Reduction to mean sea level ..... + 3.4

開　原

昭和五年七月　　KAIYUAN.　　JULY, 1930.

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	47.9	49.2	48.4	S	2.0	SSW	4.7	SW	4.1	4.0	—	—	—	—
2	**50.7**	49.7	49.0	49.8	S	2.9	SW	**10.5**	SSW	2.5	5.0	—	—	—	—
3	48.6	46.8	47.2	47.5	S	2.1	SSW	9.4	SSW	2.0	5.7	—	—	1.4	1.4
4	40.1	35.1	39.8	38.3	E	2.8	SSW	10.0	WSW	1.8	3.2	3.0	15.8	0.4	19.2
5	40.7	40.5	42.3	41.2	S	0.6	SW	3.9	—	0.4	3.0	—	—	—	—
6	44.5	39.5	45.7	43.2	SSE	1.2	SW	5.8	S	3.5	4.2	—	—	—	—
7	47.0	47.1	47.2	47.1	SSW	1.5	SW	5.8	SW	1.3	3.3	—	—	—	—
8	47.5	46.0	46.2	46.6	SW	0.6	ESE	2.6	SE	1.4	1.6	—	—	—	—
9	43.8	42.4	41.1	42.4	—	0.0	E	2.9	ENE	1.3	1.8	0.0	1.7	2.9	4.6
10	40.2	39.4	39.6	39.7	N	1.8	—	0.4	S	0.6	1.6	1.3	0.1	—	1.4
11	39.6	39.3	39.5	39.5	S	2.3	SSE	2.9	S	4.4	3.3	—	0.0	—	0.0
12	38.3	38.3	40.2	38.9	S	6.1	SSW	5.1	S	4.7	4.5	—	—	0.0	0.0
13	41.1	46.0	43.2	43.4	S	1.9	SW	7.0	SSE	2.5	3.7	—	4.3	0.0	4.3
14	44.7	44.8	45.4	45.0	—	0.3	SW	0.9	—	0.1	2.8	0.0	0.0	3.0	3.0
15	45.6	44.1	42.9	44.2	—	0.0	S	0.9	—	0.0	1.1	**35.6**	28.1	1.5	65.2
16	33.7	**32.3**	35.6	33.9	E	4.1	S	0.8	SE	3.5	3.0	29.3	20.4	0.0	49.7
17	38.0	40.9	43.7	40.9	—	0.1	SE	3.5	—	0.2	1.6	—	0.0	14.5	14.5
18	44.3	44.2	44.4	44.3	SSW	1.8	NE	2.8	NNE	2.8	3.5	0.1	0.3	1.0	1.4
19	43.7	43.3	40.6	42.5	NE	3.5	NE	3.4	ENE	1.2	3.8	0.1	—	—	0.1
20	46.2	46.5	47.8	46.8	ENE	2.0	SW	3.4	S	2.9	2.3	—	—	—	—
21	47.2	46.1	46.0	46.4	SSW	2.1	S	4.3	S	5.8	3.0	—	—	—	—
22	45.0	45.4	45.8	45.4	SSW	1.8	SW	2.6	SW	0.6	2.1	—	0.2	0.5	0.7
23	45.6	45.0	45.1	45.2	S	0.8	E	1.9	ENE	0.9	1.0	—	—	—	—
24	46.1	46.9	47.9	47.0	ENE	1.4	SSW	2.9	SSW	1.3	2.3	—	—	—	—
25	48.9	48.2	48.2	48.4	SSW	1.5	S	2.6	SSW	2.0	2.0	—	—	—	—
26	48.2	47.2	46.1	47.2	S	1.1	SSW	4.1	SSW	0.6	2.8	—	—	—	—
27	46.9	46.8	47.7	47.1	—	0.1	SSW	4.1	S	0.6	2.9	—	—	1.8	1.8
28	47.3	46.9	46.9	47.0	S	1.9	SSW	2.3	SE	0.5	2.1	—	0.1	—	0.1
29	45.5	45.4	47.4	46.1	S	1.4	SW	4.1	—	0.1	2.5	9.4	—	21.6	31.0
30	48.0	47.9	47.9	47.9	S	0.6	E	0.9	—	0.1	1.0	—	—	—	—
31	48.3	47.8	48.5	48.2	ENE	1.8	ENE	1.8	—	0.1	1.3	—	—	—	—
平均 Mean	44.6	44.2	44.8	44.5		1.7		3.8		1.7	2.7	78.8	71.0	48.6	198.4

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	19.4	31.0	23.4	24.6	32.2	18.4	13.8	83	36	60	60	0 —	1 c	0 —	0.3	13.40	13.3
2	20.2	32.3	26.4	26.3	32.6	18.8	13.8	69	31	48	49	9 c	9 cs	1 c	6.3	12.80	13.0
3	22.0	30.8	23.0	25.2	31.7	19.6	12.1	69	50	94	71	2 sk	10 sk	10 n	7.3	7.50	3.0
4	22.5	25.7	21.6	23.3	26.4	21.8	4.6	92	83	93	89	10 n	10 n	2 c	7.3	1.20	4.7
5	20.1	30.5	23.3	24.6	31.5	19.1	12.4	98	52	78	76	1 c	2 k	0 —	1.0	11.90	9.9
6	20.5	32.1	25.7	26.1	**33.0**	19.1	13.9	82	42	72	65	0 —	2 c	2 k	1.3	11.90	11.7
7	21.8	31.4	24.2	25.8	31.9	20.8	11.1	82	42	79	68	0 —	10 cs	10 cs	6.7	13.00	8.3
8	21.0	30.8	24.6	25.5	32.5	20.6	11.9	91	48	80	73	10 sc	9 sk	0 c	6.3	4.70	6.4
9	22.5	25.7	22.0	23.4	26.2	21.4	4.8	93	71	97	87	10 n	10 n	10 n	10.0	0.00	3.4
10	21.0	25.8	23.6	23.5	28.0	20.6	7.4	98	68	75	80	10 n	10 sk	2 c	7.3	0.80	3.5
11	22.5	30.2	26.8	26.5	32.4	21.6	10.8	95	52	57	68	9 kc	1 k	2 k	4.0	10.00	11.5
12	24.4	30.5	24.2	26.4	31.1	21.8	9.3	66	46	81	64	8 kn	8 k	10 sk	8.7	8.90	8.0
13	21.6	25.5	24.6	23.9	31.2	21.0	10.2	92	69	73	78	2 k	9 sk	3 sk	4.7	9.30	8.3
14	20.9	28.2	22.0	23.7	31.0	20.5	10.5	90	68	95	84	2 sk	10 n	10 sk	7.3	5.40	0.5
15	21.7	22.5	22.9	22.4	24.4	20.8	3.6	99	95	98	97	10 n	10 n	10 n	10.0	0.00	0.7
16	21.3	25.0	24.3	23.5	28.1	21.0	7.1	93	88	68	83	10 n	10 n	10 sk	10.0	0.00	3.1
17	22.0	27.1	20.2	23.1	27.2	19.7	7.5	87	62	94	81	10 n	10 sk	10 n	10.0	0.00	3.3
18	19.7	25.6	22.4	22.6	27.0	18.9	8.1	98	84	93	92	10 ck	10 n	10 n	10.0	4.20	3.1
19	21.5	27.8	22.0	23.8	28.4	21.2	7.2	73	59	78	70	8 kn	2 k	0 —	3.3	10.00	6.8
20	18.8	28.8	23.6	23.7	29.0	18.3	10.7	91	71	95	86	5 cs	8 k	0 —	4.3	6.00	4.5
21	23.6	28.8	24.6	25.7	30.0	22.4	7.6	93	72	89	85	9 sk	7 sk	10 sk	8.7	5.90	5.5
22	23.6	25.8	22.6	24.0	26.1	22.3	3.8	95	81	94	90	10 sk	10 n	10 n	10.0	0.00	3.1
23	18.5	29.6	22.9	23.7	30.2	18.0	12.2	98	51	91	80	2 sc	2 k	1 k	1.7	12.80	7.5
24	19.8	30.8	24.7	25.1	31.4	19.0	12.4	96	55	85	79	1 k	8 k	0 —	3.0	13.20	8.5
25	21.6	31.2	26.6	26.5	32.2	21.3	10.9	96	54	78	76	2 k	3 k	0 —	1.7	13.10	7.8
26	21.7	31.2	26.1	26.3	32.3	21.4	10.9	95	58	82	78	3 c	5 k	0 —	2.7	12.60	8.2
27	23.1	31.0	24.1	26.1	31.6	22.8	8.8	96	55	88	80	0 —	7 k	7 k	4.7	10.70	5.8
28	22.7	26.1	23.5	24.1	27.2	22.4	4.8	93	74	85	84	10 kn	10 sk	5 k	8.3	2.30	8.2
29	21.6	29.5	21.0	24.0	30.1	20.1	10.0	97	67	94	86	7 kc	7 k	4 k	6.0	5.70	7.3
30	19.5	29.4	22.0	23.6	30.2	17.8	12.4	99	54	91	81	8 k	0 —	0 —	2.7	12.80	6.6
31	18.0	31.0	25.1	24.7	32.0	17.6	14.4	95	51	88	78	0 —	4 c	6 cs	3.3	12.50	7.4
平均 Mean	21.3	28.8	23.7	24.6	30.0	20.3	9.7	90	61	83	78	5.7	6.9	4.7	5.8	232.60	200.[illegible]

* 重力ノ更正　Reduction to standard gravity……— 0.2
海面ニノ更正　Reduction to mean sea level……+ 8.0

鄭家屯

昭和五年七月 **CHENGCHIATUN.** JULY, 1930.

日	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)			
Day	5h	13h	21h	平均 Mean	5h		13h		21h		二十四時風速平均 Mean for 24h.	21-5h	5-13h	13-21h	總計 Total
1	47.3	47.0	48.6	47.6	SW	1.9	WSW	4.3	SW	2.5	3.5	—	—	—	—
2	49.7	48.2	48.2	48.7	SSW	3.3	WSW	8.2	WSW	4.7	4.7	—	—	—	—
3	47.0	45.0	46.4	46.1	WSW	4.3	WSW	6.1	WSW	5.0	6.0	—	—	—	—
4	42.4	36.2	40.3	39.6	ESE	2.0	WSW	1.7	N	2.6	2.5	16.2	70.9	—	87.1
5	41.1	40.3	42.4	41.3	—	0.0	N	4.0	—	0.0	1.4	—	—	0.6	0.6
6	43.6	44.9	45.7	44.7	WNW	0.5	SW	1.3	—	0.0	0.7	—	—	—	—
7	47.1	46.6	46.6	46.8	—	0.2	—	0.6	—	0.4	0.7	—	—	—	—
8	47.6	46.5	46.5	46.9	—	0.4	—	0.1	—	0.2	0.9	—	—	9.0	9.0
9	45.9	42.9	42.6	43.8	—	0.1	—	0.0	—	0.2	0.3	3.5	0.3	0.0	3.8
10	41.6	40.1	39.5	40.4	NE	1.3	—	0.0	—	0.3	1.3	—	—	—	—
11	39.0	38.3	39.2	38.8	—	0.0	WSW	3.3	SE	3.6	2.7	0.2	—	8.9	9.1
12	38.2	38.0	40.2	38.8	SW	2.5	W	1.8	WNW	1.8	2.7	3.4	—	—	3.4
13	40.8	41.0	41.7	41.2	SW	1.5	NW	4.8	W	0.7	2.7	—	—	—	—
14	43.7	44.7	45.9	44.8	WSW	1.6	NNW	2.8	WSW	2.2	1.5	—	0.3	0.0	0.3
15	46.2	44.2	42.7	44.4	—	0.0	S	1.9	SSE	1.2	1.5	—	—	0.2	0.2
16	37.9	33.1	36.2	35.7	E	4.6	E	6.7	E	2.9	4.1	40.4	36.0	21.7	98.1
17	39.3	41.2	43.7	41.4	ENE	1.9	ENE	0.6	SSE	2.5	1.5	1.6	3.3	1.6	6.5
18	46.6	45.2	46.8	46.2	ENE	2.1	E	4.6	ENE	4.1	2.7	3.2	—	0.2	3.4
19	46.2	45.6	47.0	46.3	ENE	3.6	E	5.8	E	0.6	3.4	3.3	—	—	3.3
20	47.0	46.2	47.1	46.8	E	1.9	NNE	0.6	WSW	0.9	1.4	—	—	—	—
21	46.4	45.4	44.9	45.6	—	0.3	WNW	2.0	—	0.3	1.4	—	5.6	32.8	38.4
22	44.7	41.6	45.8	45.0	SW	0.7	W	2.3	WSW	1.6	1.6	—	—	—	—
23	45.2	44.9	45.1	45.1	WSW	0.5	—	0.0	—	0.0	0.7	—	—	—	—
24	45.5	46.6	47.1	46.4	—	0.2	S	2.7	—	0.2	1.1	—	—	—	—
25	48.3	49.8	47.8	48.6	—	0.1	S	3.3	—	0.2	1.5	—	—	—	—
26	48.2	46.2	44.9	46.4	SSW	1.1	SW	6.8	SW	0.8	2.5	—	—	—	—
27	45.9	46.2	46.4	46.2	WSW	3.4	WSW	6.0	SW	2.6	3.8	—	—	—	—
28	46.5	46.1	45.6	46.1	SW	2.1	WSW	4.0	SSW	4.7	3.2	0.1	—	11.8	11.9
29	45.7	46.1	47.6	46.5	NNE	3.3	SSE	3.2	—	0.1	2.4	19.1	7.0	0.4	26.5
30	48.3	47.9	47.7	48.0	—	0.0	SW	1.6	—	0.3	0.8	—	—	—	—
31	48.7	48.1	48.7	48.5	—	0.0	S	0.6	—	0.0	0.4	—	—	—	—
平均 Mean	44.9	44.1	44.8	44.6		1.5		2.6		1.5	2.1	91.0	123.4	87.2	301.6

日	氣溫 (攝氏) AIR TEMPERATURE. (°C)							濕度 (百分率) REL. HUMIDITY. (%)				雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD.				日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
Day	5h	13h	21h	平均 Mean	最高 Max.	最低 Min.	較差 Range	5h	13h	21h	平均 Mean	5h	13h	21h	平均 Mean.		
1	18.8	32.1	25.3	25.4	33.5	18.4	15.1	89	35	52	59	1 sk	0 —	0 —	0.3	13.45	11.9
2	19.1	33.2	24.6	25.6	33.6	19.0	14.6	85	31	47	54	10 s, sc	4 ck	0 —	4.7	11.55	13.1
3	21.1	32.0	22.6	25.2	32.6	20.7	11.9	84	44	76	68	10 n	10 sc	10 n	10.0	6.59	17.8
4	21.1	23.3	22.1	22.2	24.4	20.7	3.7	99	91	92	94	10 n	10 n	10 n	10.0	3.39	4.8
5	19.6	28.6	21.9	23.4	25.6	18.8	9.8	98	65	89	84	0 —	3 c	0 —	1.0	10.27	5.5
6	20.7	28.2	23.6	24.2	29.6	20.0	9.6	81	48	76	68	0 —	0 —	2 ck	0.7	11.48	6.2
7	21.5	28.4	25.6	25.2	30.8	20.4	10.4	91	65	83	80	0 —	8 k	6 c	4.7	7.38	5.7
8	21.9	31.0	24.9	25.9	32.1	21.7	10.4	80	49	70	66	10 n, sc	2 c	10 n	7.3	9.69	8.0
9	22.2	29.0	23.8	25.0	29.7	22.1	7.6	93	59	86	79	10 n	10 kn	10 n	10.0	3.67	4.7
10	21.2	29.7	23.2	24.7	29.7	20.5	9.2	93	55	82	77	7 kc	2 ck	2 kc	3.7	9.05	6.4
11	19.4	31.3	18.1	22.9	32.4	17.6	14.8	91	37	89	72	0 —	0 —	10 n	3.3	11.70	9.0
12	19.6	28.2	23.7	23.8	29.0	17.8	11.2	91	45	76	71	5 kn	0 —	0 —	1.7	12.15	6.4
13	22.4	30.7	24.5	25.9	32.1	20.6	11.5	94	40	70	68	6 kc	0 —	0 —	2.0	10.50	7.0
14	22.1	25.5	22.8	23.5	27.3	20.6	6.7	91	66	88	82	1 cs	10 n	0 —	3.7	3.19	1.9
15	20.8	27.2	22.9	23.6	27.6	20.1	7.5	99	65	89	84	10 n	10 k, n	10 n	10.0	3.17	10.3
16	20.6	20.6	21.9	21.0	23.1	19.3	3.8	98	98	98	98	10 ≡	10 n	10 n	10.0	0.00	2.1
17	2.09	24.6	20.6	22.0	24.6	20.4	4.2	96	78	94	89	10 n	10 n	10 n, sk	10.0	0.71	2.1
18	21.6	26.8	22.9	23.8	27.1	19.8	7.3	98	70	91	86	10 n, kc	10 kn	10 n	10.0	2.82	4.2
19	21.0	27.4	22.9	23.8	27.5	20.7	6.8	89	69	79	79	10 n	9 ck	0 —	6.3	4.05	5.6
20	19.9	26.9	24.4	23.7	29.3	18.8	10.5	85	69	86	80	6 ck	0 k	6 n	4.0	11.80	5.4
21	23.4	25.4	24.8	24.5	29.7	22.8	6.9	94	87	95	92	0 —	10 n	10 n	6.7	2.49	3.4
22	23.2	27.6	22.6	24.5	27.9	22.5	5.4	98	76	90	88	10 n	10 n	0 —	6.7	1.29	3.4
23	19.4	28.9	24.4	24.2	29.8	17.9	11.9	91	52	83	75	0 —	0 —	0 —	0.0	13.40	5.7
24	21.9	28.8	25.9	25.5	31.1	21.3	9.8	92	69	88	83	3 kc	10 kn	0 —	4.3	10.62	4.2
25	22.6	29.5	25.6	25.9	31.6	22.1	9.5	96	70	88	85	0 —	2 c	0 —	0.7	12.72	5.9
26	23.1	30.2	25.4	26.2	30.9	21.6	9.3	94	58	85	79	0 —	0 —	0 —	0.0	11.21	5.9
27	24.2	30.2	25.0	26.5	30.8	23.3	7.5	89	58	86	78	0 k	7 ck	7 n	4.7	5.62	4.5
28	24.0	26.9	20.8	23.9	27.5	20.3	7.2	92	72	85	83	10 n	10 kn	10 ≡	10.0	3.42	6.8
29	19.9	23.6	20.6	21.4	26.5	19.2	7.3	92	82	96	90	10 ≡	10 n	0 —	6.7	3.77	2.9
30	18.5	28.5	23.2	23.4	30.2	18.1	12.1	99	62	84	82	10 ≡	0 —	0 —	3.3	9.93	6.2
31	20.1	30.1	25.6	25.3	30.9	19.8	11.1	98	49	87	78	0 —	0 —	4 c, cs	1.3	11.65	5.9
平均 Mean	21.2	28.3	23.4	24.3	29.4	20.2	9.2	92	62	83	79	5.5	5.4	4.4	5.1	232.73	192.9

* 重力ノ更正 Reduction to standard gravity ..... — 0.1
海面ヘノ更正 Reduction to mean sea level ..... + 10.0

洮南

昭和五年七月 **TONAN.** JULY, 1930.

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	總量 Total
1	41.8	39.4	41.0	40.7	—	0.2	SW	4.0	S	4.8	3.1	—	—	—	—
2	41.8	40.4	39.8	40.7	S	5.1	SW	5.8	SW	7.2	6.1	—	—	—	—
3	40.2	38.5	39.4	39.4	S	4.4	W	3.2	SSE	2.4	3.1	—	—	24.2	24.2
4	37.7	35.0	34.8	35.8	SSW	3.9	NE	3.9	N	2.3	3.1	0.4	10.2	0.0	10.6
5	35.9	36.2	37.6	36.6	—	0.0	ESE	5.8	NW	2.1	2.7	—	28.1	0.4	28.5
6	38.4	39.2	46.7	41.4	W	5.0	WNW	5.0	NE	2.3	4.3	—	—	—	—
7	43.3	43.3	43.8	43.5	NE	2.2	E	2.6	E	4.0	3.2	—	0.0	—	0.0
8	45.1	43.5	43.0	43.9	—	0.1	E	1.5	E	2.2	2.3	0.1	—	—	0.1
9	42.2	40.5	39.5	40.7	N	3.0	ENE	6.1	NNE	4.5	4.1	—	—	—	—
10	38.1	35.9	35.0	36.3	N	5.4	NE	3.9	N	3.6	4.4	—	—	5.3	5.3
11	33.4	33.0	32.0	32.8	SW	2.0	WSW	5.8	S	2.0	3.4	—	—	0.2	0.2
12	33.9	33.2	34.7	33.9	S	3.1	SW	2.6	WSW	3.9	2.8	—	—	—	—
13	35.3	35.5	36.6	35.8	—	0.0	W	5.0	WSW	2.9	2.7	—	—	—	—
14	38.3	38.8	40.9	39.5	W	2.2	NW	2.5	SSE	0.9	1.8	—	—	—	—
15	41.1	40.8	39.7	40.5	NE	3.6	NE	3.6	NE	3.9	3.2	—	—	—	—
16	36.3	35.2	36.5	36.0	NNE	7.2	N	9.3	NNE	12.0	7.9	—	4.4	5.1	9.5
17	37.6	39.9	41.6	39.7	NNE	9.7	NNE	7.9	NNE	6.7	7.5	3.1	6.4	1.1	10.6
18	43.0	43.3	44.4	43.6	NNE	4.9	NE	6.4	NNE	4.6	4.8	—	—	—	—
19	44.3	43.5	43.9	43.9	N	3.5	ENE	6.1	ENE	2.9	3.9	—	—	0.1	0.1
20	42.7	42.4	42.1	42.4	NE	2.3	E	4.7	SE	0.5	2.3	—	—	—	—
21	41.1	40.1	40.1	40.4	SSW	1.6	—	0.1	SW	3.3	1.4	—	—	—	—
22	39.8	39.7	40.1	39.9	WNW	3.4	E	1.6	E	2.8	1.5	—	—	—	—
23	39.7	38.9	40.2	39.6	SE	2.2	S	1.3	SE	2.9	3.2	—	—	—	—
24	42.0	42.3	43.4	42.6	NNW	1.8	WSW	2.2	W	1.2	1.3	7.1	—	—	7.1
25	43.5	42.0	41.5	42.3	SW	1.8	S	4.1	SSE	5.0	3.4	—	—	—	—
26	41.0	40.0	39.4	40.1	SSE	4.8	S	8.5	S	5.8	6.1	—	—	—	—
27	38.6	39.8	40.0	39.5	S	4.7	WSW	5.3	S	6.2	4.7	—	1.3	—	1.3
28	40.3	39.2	40.4	40.0	SSW	3.3	SW	4.2	SE	2.6	3.0	—	—	2.5	2.5
29	40.7	40.9	42.4	41.3	W	0.7	NW	2.9	ENE	3.2	2.1	—	—	—	—
30	42.8	41.6	42.1	42.2	SSE	1.6	SW	6.7	S	3.5	3.7	—	—	—	—
31	44.4	43.7	45.6	44.6	N	6.0	NNE	3.5	NE	4.4	4.1	—	—	—	—
平均 Mean	40.1	39.5	40.3	40.0		3.2		4.4		3.8	3.6	10.7	50.4	38.9	100.0

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) EVAPORATION (mm)
1	19.9	34.9	27.2	27.3	36.6	17.4	19.2	69	28	37	45	0 —	0 —	3 c	1.0	13.80	11.[illegible]
2	22.6	35.0	28.7	28.8	37.4	22.4	15.0	66	33	40	46	10 sk	10 c	6 s	8.7	5.94	16.[illegible]
3	22.5	34.1	22.7	26.4	34.6	22.2	12.4	68	94	92	85	3 ck	10 cs	10 n	7.7	7.66	5.[illegible]
4	20.1	21.0	20.4	20.5	23.4	19.5	3.9	91	92	93	92	10 n	10 n	0 —	6.7	3.03	4.[illegible]
5	18.4	22.9	21.4	20.9	25.0	15.9	9.1	99	78	92	90	10 s	2 c	10 n	7.3	6.69	9.[illegible]
6	17.6	25.8	21.4	21.6	27.8	17.0	10.8	81	69	87	79	0 —	5 k	1 c	2.0	15.13	8.[illegible]
7	18.4	27.3	23.1	22.9	28.4	17.6	10.8	92	74	86	84	0 —	10 c	10 n	6.7	10.76	6.[illegible]
8	20.2	25.3	23.5	23.0	27.0	20.0	7.0	97	83	96	92	10 n	8 ck	5 c	7.7	6.20	8.[illegible]
9	20.6	28.4	24.7	24.6	29.4	20.4	9.0	94	49	66	70	10 sk	8 kc	10 cs	9.3	5.45	7.[illegible]
10	20.9	29.7	19.9	23.5	31.4	19.6	11.8	89	52	89	77	6 kc	7 k	10 n	7.7	9.37	8.[illegible]
11	18.3	26.7	19.5	21.5	28.8	18.0	10.8	98	46	75	73	0 —	6 k	4 s	3.3	11.53	7.[illegible]
12	16.3	28.1	24.5	23.0	29.2	15.5	13.7	86	42	55	61	5 ck	5 k	4 k	4.7	12.64	6.[illegible]
13	19.3	30.1	23.7	24.4	31.4	18.2	13.2	82	36	72	63	2 c	4 k	0 —	2.0	13.10	8.[illegible]
14	20.2	29.1	24.7	24.7	30.8	18.9	11.9	79	43	66	63	9 c	10 cs	0 —	6.3	12.47	6.[illegible]
15	20.9	28.5	24.8	24.7	29.0	19.8	9.2	81	46	62	63	10 cs	10 sc	10 n	10.0	8.69	7.[illegible]
16	21.6	20.1	17.3	19.7	24.8	17.0	7.8	71	91	82	81	10 n	10 n	10 n	10.0	0.00	5.[illegible]
17	15.3	17.9	20.2	17.8	20.8	15.0	5.8	98	95	86	93	10 n	10 n	10 n	10.0	0.18	5.[illegible]
18	18.3	25.5	22.9	22.2	26.5	17.9	8.6	90	66	84	80	8 sk	10 kn	0 —	6.0	8.13	7.[illegible]
19	20.3	27.9	24.4	24.2	28.6	20.1	8.5	94	61	81	79	10 n	10 k	4 n	8.0	6.10	7.[illegible]
20	20.7	28.6	24.9	24.7	29.6	20.1	9.5	91	57	74	74	8 ck	8 kc	3 s	6.3	13.50	12.[illegible]
21	23.0	31.0	25.3	26.4	32.2	22.8	9.4	91	36	69	65	9 sk	10 ck	5 s	8.0	7.40	8.[illegible]
22	20.7	30.4	25.3	25.5	32.0	20.4	11.6	71	39	58	56	7 ck	10 c	0 —	5.7	13.20	7.[illegible]
23	19.9	31.5	25.9	25.8	33.4	19.8	13.6	92	42	55	63	9 c	6 c	6 n	7.0	11.10	5.[illegible]
24	20.0	29.2	25.1	24.8	30.8	20.0	10.8	96	54	78	76	3 sk	4 k	0 —	2.3	13.11	11.[illegible]
25	21.1	31.7	27.9	26.9	33.2	20.3	12.9	85	41	71	66	1 c	10 cs	0 —	3.7	13.73	8.[illegible]
26	22.3	32.6	26.1	27.0	34.0	22.0	12.0	90	48	63	67	0 —	7 c	3 s	3.3	13.07	12.[illegible]
27	23.8	29.5	25.3	26.2	31.2	22.0	9.2	86	48	68	67	10 sk	5 sk	0 —	5.0	6.98	8.[illegible]
28	21.8	31.0	19.6	24.1	33.6	19.6	14.0	94	46	91	77	7 ck	7 kn	0 —	4.7	7.79	8.[illegible]
29	17.3	29.8	22.7	23.3	31.2	17.0	14.2	100	37	66	68	0 —	2 k	0 —	0.7	12.78	8.[illegible]
30	19.3	34.3	26.7	26.8	35.8	17.8	18.0	92	29	60	60	0 —	1 c	0 —	0.3	12.73	11.[illegible]
31	17.8	28.8	21.9	22.8	29.6	17.8	11.8	73	40	59	57	7 c	8 c	0 —	5.0	13.29	4.[illegible]
平均 Mean	20.0	28.6	23.6	24.1	30.2	19.1	11.1	87	55	73	71	5.9	7.2	4.0	5.7	293.55	2[illegible]

* 重力ノ更正 Reduction to standard gravity ····· — 0.0
海面ニノ更正 Reduction to mean sea level ····· + 13.0

齊々哈爾

昭和五年七月 **TSITSIKHAR.** JULY, 1930.

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	45.4	40.2	40.2	41.9	SSW	1.2	SW	4.0	SSW	1.6	2.4	—	—	—	—
2	39.3	39.6	39.5	39.5	SSW	1.8	W	3.6	SW	1.4	2.5	—	0.0	0.0	0.0
3	39.8	38.8	38.6	39.1	SSE	0.6	NW	4.9	NE	7.8	2.7	—	—	—	—
4	36.5	35.6	35.7	35.9	NNW	2.0	NW	1.8	NNE	4.7	1.7	1.2	22.8	25.0	49.0
5	35.5	35.4	36.8	35.9	NNW	1.6	SW	3.7	SE	3.4	2.3	0.7	—	2.4	3.1
6	36.5	38.2	40.6	38.4	ENE	4.1	NNW	8.8	NNW	3.3	4.6	11.9	5.9	2.3	20.1
7	42.9	43.9	44.1	43.6	N	1.9	N	4.6	ENE	0.9	2.2	—	—	0.1	0.1
8	44.8	44.0	43.4	44.1	ESE	2.3	NNE	2.3	SSE	1.5	1.7	—	—	—	—
9	42.7	41.3	40.1	41.4	NE	1.7	N	4.3	NE	3.9	2.5	—	0.0	0.1	0.1
0	38.9	36.4	34.7	36.7	NNE	4.4	NE	3.2	SE	5.3	3.6	—	—	0.8	0.8
1	32.8	31.7	32.3	32.3	SE	5.2	SE	3.0	SSE	2.4	2.3	0.0	0.6	4.8	5.4
2	31.4	31.9	32.6	32.0	SE	2.3	SW	3.9	—	0.0	2.1	0.5	0.1	—	0.6
3	33.8	34.2	35.8	34.6	—	0.4	NW	3.4	—	0.0	1.7	—	—	0.0	0.0
4	37.2	38.8	40.3	38.8	NNE	2.0	N	3.9	NE	0.9	2.7	—	—	—	—
5	41.8	41.6	41.4	41.6	N	1.1	ESE	1.8	ENE	4.0	2.7	—	—	—	—
6	39.9	38.8	40.1	39.6	NE	5.4	ENE	7.6	NE	4.0	5.7	—	—	—	—
7	41.7	42.0	43.5	42.4	ENE	5.0	ENE	6.8	E	3.1	5.3	—	—	—	—
8	45.0	44.6	45.0	44.9	ENE	4.1	N	5.3	ENE	2.6	3.7	—	—	—	—
9	45.9	44.9	44.7	45.2	ENE	3.5	ESE	4.6	ESE	3.3	3.3	—	—	—	—
0	44.2	41.9	41.2	42.4	ESE	3.1	E	2.3	SSE	2.4	2.4	—	—	—	—
1	39.4	38.8	38.6	38.9	W	0.6	WNW	5.2	W	2.8	3.3	0.4	—	—	0.4
2	38.8	39.3	39.6	39.2	NNW	5.5	N	4.3	SSW	2.5	3.4	—	—	—	—
3	39.4	39.7	39.9	39.7	NNW	0.8	W	2.4	SSE	2.1	2.0	—	—	—	—
4	41.0	41.9	42.7	41.9	S	1.6	SSE	4.1	—	0.0	1.5	1.3	0.0	—	1.3
5	42.9	40.9	39.8	41.2	—	0.2	SSW	7.8	S	3.4	2.4	—	—	—	—
6	39.5	38.7	38.0	38.7	S	6.0	S	5.6	S	4.7	5.1	—	—	—	—
7	38.9	38.1	39.6	38.9	S	3.2	SSW	5.2	W	2.7	3.2	—	—	0.0	0.0
8	38.9	38.4	39.4	38.9	—	0.0	WSW	1.8	WNW	2.2	2.2	—	—	1.8	1.8
9	39.8	40.4	41.6	40.6	WSW	2.2	WNW	5.0	NNW	1.2	3.2	—	—	—	—
0	41.2	41.3	43.4	42.0	SW	2.4	NW	6.3	NNW	2.7	3.9	—	—	0.0	0.0
1	44.8	45.2	46.2	45.4	N	4.2	N	4.1	NNE	2.4	3.8	—	0.0	—	0.0
平均 Mean	40.0	39.6	40.0	39.9		2.6		4.4		2.7	3.0	16.0	29.4	37.3	82.7

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	18.8	32.8	24.5	25.4	33.9	17.3	16.6	88	50	70	69	9 cs	2 cs	0 —	3.7	13.20	8.0
2	20.4	29.7	25.1	25.1	31.1	19.9	11.2	72	59	80	70	10 cs	10 n	9 kc	9.7	4.43	5.1
3	23.3	28.2	22.5	24.7	30.1	22.0	8.1	88	71	91	83	9 kn	10 ck	10 kn	9.7	4.90	2.8
4	20.4	20.9	17.7	19.7	22.9	17.7	5.2	97	96	98	97	10 n	10 n	10 n	10.0	0.00	5.0
5	17.2	22.9	18.3	19.5	24.5	16.0	8.5	98	76	92	89	10 kn	3 k	2 c	5.0	8.70	3.8
6	17.0	18.7	18.1	17.9	21.4	16.9	4.5	99	89	98	95	10 n	10 n	6 ck	8.7	5.75	4.4
7	16.5	23.3	20.4	20.1	23.9	15.2	8.7	93	79	95	89	0 —	9 kc	10 kn	6.3	5.15	3.3
8	18.9	24.6	21.6	21.7	27.1	18.6	8.5	94	77	98	90	10 n	8 kn	0 —	6.0	11.39	5.7
9	21.7	27.7	24.4	24.6	28.8	19.3	9.5	88	68	82	79	7 c	10 kn	6 c	7.7	9.50	6.5
0	19.5	28.1	23.5	23.7	29.2	18.9	10.3	90	73	75	79	4 ck	9 kn	10 n	7.7	8.44	3.7
1	18.4	24.2	18.5	20.4	26.8	17.7	9.1	85	77	93	85	10 kn	5 kc	10 n	8.3	13.75	5.0
2	17.1	24.8	21.0	21.0	27.1	17.1	10.0	94	57	89	86	9 n	5 k	1 ck	5.0	5.40	6.8
3	17.0	25.2	21.5	21.4	27.8	16.6	11.2	93	81	95	90	1 c	6 kc	2 c	3.0	10.90	5.7
4	19.4	26.1	22.9	22.8	27.4	18.2	9.2	96	82	86	88	1 kc	2 k	0 —	1.0	12.60	5.7
5	21.0	26.9	23.9	23.9	28.2	19.8	8.4	92	70	78	80	10 cs	10 sc	10 sc	10.0	0.00	6.3
6	18.4	25.6	20.0	21.3	26.8	18.3	8.5	78	68	69	72	10 sc	10 kn, sc	8 sc	9.3	10.79	6.3
7	17.3	26.0	23.0	22.1	27.2	15.6	11.6	76	58	76	70	9 kc	8 ck	9 kn	8.7	8.60	8.5
8	18.0	25.6	23.9	22.5	27.8	17.7	10.1	83	68	82	78	1 ck	2 k	2 kc	1.7	11.33	8.3
9	19.2	27.2	24.1	23.5	29.6	18.4	11.2	87	64	81	77	0 —	9 kc	9 kn	6.0	11.00	7.3
0	19.0	28.4	25.5	24.3	29.7	18.9	10.8	86	67	78	77	10 sk	9 k	10 kn	9.7	10.12	8.1
1	21.2	29.5	25.5	25.1	30.9	21.2	9.7	97	59	88	81	5 sk	1 kc	2 kc	2.7	13.60	10.1
2	20.4	27.9	22.1	23.5	29.4	20.5	8.9	79	59	80	73	1 ck	1 c	0 —	0.7	13.77	8.7
3	21.0	29.0	25.7	25.2	32.5	18.4	14.1	85	64	81	77	1 sk	10 cs	7 cs	6.0	11.30	8.1
4	21.1	26.7	23.4	23.7	30.7	20.8	9.9	94	65	85	81	9 n	8 kn	0 —	5.7	13.46	8.1
5	18.7	33.0	26.1	25.9	33.7	18.7	15.0	98	47	80	75	4 c	9 c	2 sk	5.0	13.40	9.4
6	23.6	34.4	27.0	28.3	35.0	23.3	11.7	93	45	70	69	4 c	10 c	9 cs	7.7	13.15	8.7
7	21.8	27.5	24.5	24.6	30.3	21.8	8.5	95	86	89	90	3 c	10 kn	4 kn	5.7	7.65	6.5
8	19.4	31.9	20.0	23.8	33.7	19.5	14.2	97	62	84	81	4 kn	2 kn	0 —	2.0	10.12	7.3
9	19.4	26.4	21.2	22.3	28.3	17.0	11.3	89	58	98	82	0 —	1 kc	0 —	0.3	14.20	9.2
0	18.0	29.5	20.8	22.8	30.7	16.8	13.9	87	36	55	59	2 kc	4 ck	4 ck	3.3	8.56	7.1
1	14.9	23.4	20.5	19.6	25.3	14.9	10.4	84	61	83	76	10 kn	3 ck	9 kn	7.3	8.10	8.8
平均 Mean	19.3	27.0	22.5	22.9	28.8	18.5	10.3	90	67	84	80	5.9	6.6	5.1	5.9	292.96	208.3

* 重力ノ更正 Reduction to standard gravity……+ 0.1
海面ヘノ更正 Reduction to mean sea level……+ 17.4

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昭和五年八月

滿洲氣象表

REPORT

OF THE

METEOROLOGICAL OBSERVATIONS

MADE AT THE

METEOROLOGICAL STATIONS

IN

MANCHURIA.

AUGUST, 1930.

PUBLISHED BY THE METEOROLOGICAL OBSERVATORY, DAIREN.

凡　例

本編ハ昭和五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, 1930.

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	黃道光	⌂	Zodiacal light

(2) 其他ノ記號　*Other symbols*

凍雨	⊜	Frozen rain	凍露	⌓	Frozen dew	結氷	⊟	Ie
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	層卷雲	SC	Strato-cirrus	層積雲	SK	Strato-cumulus
積雲	K	Cumulus	積卷雲	KC	Cumulo-cirrus	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

昭和五年八月　　**DAIREN.**　　AUGUST, 1930.

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	49.4	50.1	50.7	50.4	50.4	51.3	50.4	--	0.0	SE	1.4	ESE	4.3	SSE	4.1	SE	4.0	SSE	5.4	3.1	—	—	—	—	—	—	—
2	51.0	51.6	52.1	51.4	50.5	50.9	51.3	S	6.1	S	2.9	S	5.1	SSE	7.2	SSE	6.8	S	5.7	5.5	—	—	—	—	—	—	—
3	50.0	49.4	49.5	48.2	46.8	46.7	48.4	SSE	5.3	SSE	6.3	SSE	7.8	SSE	6.4	S	7.8	S	8.5	6.9	—	—	—	—	—	0.2	0.2
4	46.2	44.9	45.1	44.4	43.2	43.6	44.6	S	7.0	S	8.2	SSE	12.0	S	11.7	S	13.9	SSE	14.1	9.8	—	0.1	1.5	0.4	1.8	3.1	6.9
5	43.9	45.2	47.6	47.8	47.5	48.5	46.8	S	13.6	SSW	7.6	WNW	1.1	SSE	2.2	SSE	2.2	SSE	3.8	6.1	0.4	2.4	—	—	—	—	2.8
6	48.0	47.9	48.5	47.2	46.9	48.6	47.9	SSE	8.8	SSE	7.8	SSE	8.6	SSE	8.5	SSE	8.0	S	7.7	7.7	—	—	—	—	—	—	—
7	48.9	49.3	50.6	49.9	49.3	50.5	49.8	S	6.0	S	8.4	S	4.7	S	7.9	S	6.7	S	4.8	6.5	—	—	0.0	—	—	—	0.0
8	50.4	50.3	50.9	50.3	50.0	50.7	50.4	SSW	5.8	SSW	5.0	S	3.3	S	3.6	S	2.2	SSE	1.7	3.7	—	—	—	—	—	—	—
9	50.4	50.6	50.8	49.4	48.2	48.5	49.7	SSE	0.8	E	2.2	ENE	5.1	S	2.7	W	0.5	WSW	0.9	2.2	—	—	—	—	—	—	—
10	48.2	47.5	47.4	46.4	45.2	45.9	46.8	WNW	1.4	NW	1.2	S	1.1	S	3.2	NNW	1.5	S	2.8	1.6	—	—	—	—	—	—	—
11	45.5	45.0	45.2	43.9	43.6	43.7	44.5	SSW	2.3	S	0.8	S	4.5	S	3.6	S	3.5	SSE	4.1	2.8	—	—	—	0.0	—	—	0.0
12	42.8	42.2	41.7	40.8	40.1	40.6	41.4	SSE	4.3	S	3.5	S	5.2	SSE	2.5	SE	2.5	S	1.5	3.3	—	—	—	—	1.4	—	1.4
13	40.3	40.5	42.0	41.8	42.0	43.5	41.7	NW	1.9	NW	3.1	NNW	5.0	NNW	5.2	NW	3.6	NW	2.8	3.4	—	—	—	—	—	—	—
14	44.0	44.7	44.5	45.6	44.6	46.6	45.0	NW	1.5	NNW	1.1	S	5.6	S	2.2	S	2.2	ESE	1.0	2.5	—	—	—	—	0.0	0.0	0.0
15	46.2	46.2	46.7	46.0	45.8	46.1	46.2	SE	1.4	SE	0.8	NE	2.9	—	0.4	S	1.8	S	1.5	1.7	0.0	—	—	4.1	—	—	4.1
16	45.4	45.3	45.6	44.6	44.0	44.3	44.9	S	1.0	WNW	1.4	ENE	3.0	SSW	3.3	NW	3.8	NW	2.0	2.5	—	—	—	—	—	—	—
17	43.5	43.1	43.2	42.2	41.5	42.1	42.6	NW	1.6	NW	1.2	NE	2.3	SSW	5.0	SW	3.1	WSW	0.9	2.3	—	—	—	—	—	—	—
18	41.3	41.0	40.9	40.1	40.1	41.1	40.8	SSW	4.1	WSW	2.6	SW	1.1	SSW	4.2	SSW	4.3	WSW	3.4	3.7	—	—	—	—	—	—	—
19	40.6	41.4	42.4	42.3	42.8	44.2	42.3	SSW	3.2	WNW	2.0	NW	2.9	NNW	4.2	NW	2.4	NW	1.2	2.6	—	—	—	—	—	—	—
20	44.0	44.4	44.9	44.4	44.2	44.4	44.4	—	0.4	NW	0.8	SE	2.7	SSE	4.3	SSE	1.9	—	0.2	1.7	—	—	—	—	—	—	—
21	43.3	42.6	42.9	41.9	41.5	42.3	42.4	N	1.1	ENE	2.6	SE	4.0	ENE	4.4	ENE	3.0	NE	3.9	2.6	—	—	—	—	—	—	—
22	41.9	41.4	42.4	41.7	42.2	43.6	42.2	E	2.5	NNE	0.9	NW	2.2	NW	0.5	NW	1.4	SW	1.3	1.7	—	—	0.0	26.0	—	—	26.0
23	44.1	44.8	45.8	45.1	46.1	47.4	45.6	WNW	1.4	W	1.9	S	3.4	SSW	3.1	SW	2.7	W	0.9	2.3	—	—	—	43.8	—	—	43.8
24	47.2	48.2	49.2	48.8	49.0	50.3	48.8	W	1.9	W	2.4	NNW	3.7	NNW	4.1	NW	1.8	NW	1.8	2.3	—	—	—	—	—	—	—
25	50.4	50.6	50.3	49.4	48.6	48.2	49.6	NW	1.3	S	1.0	S	3.2	SSE	4.5	S	4.1	S	4.6	2.7	—	—	—	—	—	—	—
26	47.4	45.9	46.2	46.7	48.5	50.7	47.6	WNW	2.3	NNE	0.9	NNW	5.1	NNW	8.5	NNW	7.4	N	3.0	5.6	1.2	1.0	22.1	0.3	—	—	24.6
27	51.8	52.7	52.9	52.6	52.7	53.7	52.7	NW	3.3	WNW	1.8	NW	4.1	NNW	3.7	NW	3.3	SW	1.4	2.7	—	—	—	—	—	—	—
28	53.5	53.8	54.3	53.6	53.6	54.0	53.8	WNW	2.2	WNW	2.2	NW	2.4	—	0.1	S	3.0	S	1.7	1.8	—	—	—	—	—	—	—
29	53.7	53.8	53.2	52.5	52.0	52.5	53.0	S	0.9	ESE	5.0	N	2.1	S	4.3	SSW	1.2	SW	1.9	2.3	—	—	—	—	—	—	—
30	52.1	52.3	52.6	52.2	52.0	52.4	52.3	WSW	1.8	NW	3.1	NW	3.8	NW	1.7	WSW	3.4	SSW	2.4	2.6	—	—	—	—	—	—	—
31	51.8	51.9	52.0	51.4	51.3	52.6	51.8	SSW	2.0	S	3.6	W	1.1	NNW	2.2	WSW	1.2	S	0.9	2.1	—	—	—	—	—	—	—
平均 Mean	47.0	47.1	47.5	46.9	46.6	47.4	47.1		3.1		3.0		4.0		4.2		3.7		3.2	3.5	1.6	3.5	23.6	74.6	3.2	3.3	109.8

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	23.0	23.1	29.3	29.0	26.1	24.9	25.9	29.6	22.3	7.3	98	100	60	70	85	97	85	9 s	0 c	0 k	3 c	3 s, cs	3.0	12.40	6.5
2	25.0	25.0	26.9	27.2	25.6	25.0	25.8	27.9	24.3	3.6	94	97	85	87	94	97	92	9 s	9 s, k	10 s, sk	9 ck, s	8 s	9.0	5.40	5.0
3	24.7	24.8	26.2	26.9	26.0	25.4	25.7	27.5	24.3	3.2	97	97	90	85	90	89	91	9 cs, s	10 s	10 s, sk	7 kc, s, sk	10 sk, ck	9.2	5.60	5.7
4	24.9	25.2	24.6	25.3	25.3	24.2	24.9	26.5	23.6	2.9	88	91	95	90	88	97	92	10 kc, s	10 s	10 n, k	10 n	10 n	10.0	0.70	4.4
5	24.5	23.2	26.1	25.0	24.6	24.1	24.6	27.2	22.9	4.3	97	96	78	82	89	93	89	10 n,ck, kc	10 sc, sk	10 s, n	10 sk, n	10 c, s	10.0	2.30	3.3
6	24.4	24.2	26.1	25.8	25.5	24.6	25.1	27.0	23.6	3.4	97	100	92	90	87	83	92	10 ≡	10 s, k	10 sk, s	4 k, s	2 cs	7.2	7.70	5.2
7	23.0	24.9	25.1	28.0	25.2	24.1	25.0	28.9	23.0	5.9	83	82	90	78	88	98	87	7 k	10 sk, s, n	7 kc, sc, k	1 c	5 s	6.0	7.60	5.4
8	24.5	24.4	27.7	28.1	26.0	24.4	25.9	28.8	23.6	5.2	96	93	81	77	89	98	89	10 sc	10 sc, k	10 s, cs	10 kc, ck, s	10 s	10.0	7.60	5.0
9	23.8	23.8	27.9	29.4	29.2	25.4	26.6	30.3	23.5	6.8	99	100	74	69	75	88	84	10 s	8 cs, sc, k	10 c, k, kn	9 ck, kn, c	3 c	8.0	8.44	5.5
10	23.9	24.5	30.5	31.8	28.6	24.7	27.3	32.0	23.6	8.4	89	86	62	59	65	93	76	10 c, sk, kc	8 kc, ck	9 kc,ck, k	9 c	4 c	8.0	9.60	6.5
11	24.3	24.5	27.2	28.1	26.3	25.3	26.0	29.7	23.5	6.2	90	88	83	75	89	90	86	10 kc,ck, c	10 sk, k,kc	8 kc, k	10 s, kn, k	7 c, kc	9.0	6.30	5.4
12	25.4	25.0	27.2	26.6	25.4	25.2	25.8	28.0	24.7	3.3	92	95	83	84	91	95	90	10 s	10 s, kn	10 sk	10 cs, sk	10 sc	10.0	0.30	4.3
13	24.1	23.4	26.6	27.7	26.4	23.4	25.3	28.7	22.3	6.4	88	95	78	69	70	75	79	2 s	4 k	0 k	3 ck	6 c	3.0	11.70	6.0
14	24.0	23.6	26.6	29.1	26.4	25.0	25.8	29.7	22.9	6.8	62	75	63	68	80	93	74	10 kn, sc	10 sc	10 sc, k	10 n, sk, k	10 n	10.0	2.85	4.7
15	24.5	23.7	30.1	24.4	26.1	24.4	25.5	30.7	23.1	7.6	91	96	60	87	77	79	82	0 c, k	7 kc,kn,k	3 kn, k	3 k, s	10 s, k	4.6	9.02	4.3
16	24.6	23.0	28.5	29.5	26.3	23.0	25.8	30.5	22.2	8.3	76	92	48	56	62	75	68	1 k, c	10 c, k	10 kc, k	3 kc, c	0 —	4.8	12.60	6.7
17	22.8	23.4	26.9	27.2	25.5	23.0	24.8	28.4	22.0	6.4	71	76	62	65	63	81	70	6 kc	9 sc, k	10 kc, k	3 kc	0 —	5.6	4.30	5.1
18	22.4	22.9	26.6	30.4	25.4	24.3	25.3	30.8	21.6	9.2	91	91	71	54	76	78	77	1 sk	7 k, kn	6 kn, ck	5 kn,kc, k	10 sc	5.8	10.10	7.5
19	20.6	21.7	26.0	28.3	25.3	22.6	24.1	28.3	20.6	7.7	91	79	61	50	62	77	70	1 ck	8 sc, kc	0 k, c	0 k	0 —	1.8	11.10	7.7
20	22.0	22.3	27.9	28.2	25.6	23.6	24.9	29.5	21.0	8.5	74	77	52	51	63	76	66	10 c, k	7 kc, cs, k	1 ck, c, k	4 c,kn, ck	10 cs	6.4	12.00	7.5
21	22.4	22.8	27.0	25.7	24.2	22.1	24.0	26.9	22.1	4.8	85	88	64	73	73	87	78	10 kc,sk,ck	10 kn,k, sk	10 kn,k,kc	2 k	0 —	6.4	5.25	3.4
22	20.9	21.5	24.8	27.6	24.1	21.8	23.5	27.6	20.1	7.5	93	95	71	55	75	85	79	3 kc	10 kn,k,ck	4 cs,k, kn	2 k	0 —	3.8	7.05	6.5
23	21.5	22.0	26.8	23.4	24.0	21.7	23.2	27.0	20.7	6.3	91	89	63	82	73	83	80	2 kn, c	7 sk, k	10 sc, k	10 ck,cs,kn	6 cs	7.0	6.30	5.8
24	21.6	22.0	25.9	26.4	24.1	21.3	22.6	27.0	20.9	6.1	89	92	69	60	66	85	77	8 cs, k	5 k	1 k	0 c, k	0 c	2.8	11.54	5.3
25	20.9	21.4	27.2	27.3	25.4	25.9	24.7	28.3	20.1	8.2	90	87	60	72	82	87	81	0 c	9 cs, c	10 k, c	10 sc, k, s	10 sc, s	7.8	9.40	4.6
[illegible]	[illegible]	[illegible]	9.7	20.6	20.3	18.9	20.6	25.9	18.8	7.1	95	97	100	81	74	86	89	10 n	10 n	10 kn	8 sk	0 —	7.6	0.75	3.3
[illegible]	[illegible]	[illegible]	5.6	26.6	24.0	21.2	22.7	26.5	18.0	8.8	84	76	63	59	72	66	70	3 c	7 cs, k	4 cs, k	5 c, cs	0 —	3.8	12.10	5.2
[illegible]	[illegible]	[illegible]	4.9	26.2	23.4	21.9	22.9	26.4	19.5	6.9	75	85	78	66	83	92	80	10 c, cs	10 sc	10 sk	10 s	10 sc	10.0	2.20	2.6
[illegible]	[illegible]	[illegible]	.4	27.0	23.9	21.4	23.2	27.9	20.5	7.4	93	85	58	55	81	83	76	8 kc,sk, k	0 k	3 k	10 c, k	4 c	5.0	9.68	5.0
[illegible]	[illegible]	[illegible]	.8	26.2	23.8	21.1	23.6	28.0	20.8	7.2	70	80	57	55	70	86	70	10 c, k	10 ck	10 sc	10 cs, c	0 —	8.0	8.18	4.0
[illegible]	[illegible]	[illegible]	.8	27.5	24.3	22.0	23.8	29.5	19.5	10.0	8	92	57	57	73	83	74	3 ck, c	0 —	2 k	0 k	0 —	1.0	10.40	4.5
[illegible]	[illegible]	[illegible]	6	27.1	25.2	23.4	24.7	28.4	21.9	6.5	87	89	71	70	78	86	80	6.8	7.9	7.0	6.1	5.1	6.6	230.46	162.4

* 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

昭和五年八月　　DAIREN.　　AUGUST, 1930.

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	20.4	21.0	18.4	20.9	21.4	22.7	20.8	24.6	48.0	27.0	33.2	26.9	26.1	26.5	26.1	23.1	19.6	17.4	16.2	14.5	20.7	41.6
2	22.1	22.8	22.5	23.3	23.0	22.8	22.8	23.0	38.2	26.5	30.2	27.7	26.9	27.0	26.1	23.1	19.7	17.3	16.2	14.5	23.6	38.8
3	22.4	22.5	22.9	22.5	22.4	21.5	22.4	26.0	35.0	26.2	29.1	27.5	26.8	26.8	26.4	23.9	19.9	17.5	16.1	14.5	23.6	37.8
4	20.6	21.7	21.8	21.7	21.0	21.7	21.4	26.2	26.7	24.0	25.6	26.2	26.3	26.5	26.3	24.1	19.9	17.5	16.4	14.5	22.8	31.0
5	22.1	20.2	19.5	19.3	20.5	20.7	20.4	23.7	29.0	24.2	25.6	25.2	24.8	25.3	25.3	23.9	19.9	17.5	16.2	14.5	22.2	40.7
6	22.0	22.4	23.2	22.1	21.0	19.1	21.6	24.6	33.3	24.1	27.3	25.3	24.9	25.4	25.3	23.7	20.2	17.5	16.3	14.7	22.5	34.7
7	17.1	19.2	21.4	21.9	20.8	21.8	20.4	23.4	41.7	24.8	30.0	25.1	24.5	25.1	25.1	23.6	20.2	17.5	16.4	14.7	22.0	37.5
8	21.9	21.1	22.2	21.9	22.1	22.2	21.9	24.5	43.0	25.8	31.4	26.3	25.4	25.8	25.4	23.6	20.1	17.7	16.4	14.8	22.7	37.5
9	21.7	21.9	20.7	21.0	22.5	21.1	21.5	26.0	50.4	26.1	34.2	27.5	26.4	26.6	26.1	24.9	20.2	17.7	16.5	14.9	23.1	41.7
10	19.6	19.8	19.9	20.6	18.9	21.5	20.1	25.9	48.1	26.2	33.5	27.7	27.1	27.3	26.8	24.1	20.1	17.7	16.5	14.9	22.3	42.4
11	20.3	20.2	22.2	21.2	22.5	21.6	21.3	25.9	42.8	26.8	31.8	28.0	27.4	27.7	27.3	24.4	20.2	17.8	16.6	15.0	21.9	41.8
12	22.2	23.4	22.2	21.8	22.0	22.6	22.2	26.4	35.5	25.7	29.2	27.7	27.4	27.8	27.2	24.6	20.3	17.8	16.6	15.0	23.8	35.4
13	19.8	20.3	20.1	19.0	17.8	16.0	18.8	23.5	48.3	23.0	31.6	25.8	26.0	26.7	26.6	24.6	20.4	18.0	16.7	15.0	20.6	35.6
14	13.7	16.3	16.4	20.4	20.5	21.9	18.2	24.0	38.8	25.6	29.5	26.0	26.9	26.6	26.7	24.6	20.5	18.0	16.7	15.2	19.9	38.3
15	20.8	20.9	19.0	19.8	19.3	18.0	19.6	23.7	33.1	24.2	27.0	26.7	27.2	26.7	26.4	24.6	20.6	18.0	16.7	15.2	20.8	42.6
16	17.4	19.2	13.9	17.1	15.7	15.7	16.5	22.2	41.0	23.2	28.8	25.0	24.9	25.8	25.9	24.4	20.6	18.1	16.9	15.2	20.1	40.6
17	14.6	16.3	16.5	17.6	15.5	17.0	16.3	22.5	39.0	22.6	28.0	25.5	25.5	26.2	26.2	24.4	20.8	18.2	16.9	15.3	19.3	40.3
18	18.3	18.8	18.5	17.6	18.4	17.7	18.2	22.5	53.2	25.5	33.7	25.5	25.3	25.9	26.0	24.3	20.7	18.2	16.9	15.2	20.1	41.5
19	16.4	15.3	15.3	14.4	14.9	15.7	15.3	21.0	51.3	22.3	31.5	25.8	25.8	26.7	25.4	24.4	20.9	18.4	16.9	15.5	18.9	36.5
20	14.5	15.5	14.4	14.6	15.4	16.5	15.2	20.9	55.0	24.1	33.3	25.5	25.7	26.6	26.4	24.4	20.7	18.3	16.9	15.5	17.3	40.5
21	17.1	18.1	16.8	18.0	16.5	17.2	17.3	23.9	33.1	22.7	28.2	26.8	26.6	27.1	26.9	24.6	20.9	18.5	17.1	15.5	20.0	37.8
22	17.1	18.0	16.6	15.1	16.7	16.6	16.7	22.5	34.9	22.5	26.6	25.2	25.3	26.2	26.2	24.6	20.9	18.5	17.1	15.5	17.3	38.0
23	17.3	17.4	16.6	17.6	16.2	16.0	16.9	21.5	25.2	21.2	22.6	24.2	24.1	25.1	25.4	24.4	20.9	18.5	17.1	15.5	18.3	36.4
24	17.1	18.0	17.2	15.2	14.9	15.9	16.4	21.1	33.8	21.7	25.5	22.9	22.8	23.8	24.4	24.2	21.1	18.8	17.4	15.6	18.4	35.1
25	16.5	16.6	17.8	19.5	19.8	21.5	18.6	20.3	35.2	21.9	26.8	23.2	23.0	24.1	24.4	23.9	21.1	18.7	17.3	15.6	17.3	37.4
26	18.6	19.4	17.0	14.7	13.1	13.9	16.1	23.3	22.5	18.5	21.4	21.7	23.1	25.5	24.9	23.9	20.9	18.7	17.4	15.7	16.9	26.4
27	13.5	13.3	15.6	15.2	16.0	12.3	14.3	18.2	31.5	19.5	23.1	20.9	20.9	22.4	23.2	23.7	21.1	19.0	17.4	15.8	14.3	34.2
28	13.2	15.8	18.2	16.6	17.8	17.9	16.6	19.3	27.3	22.2	22.9	21.5	21.3	22.6	23.1	23.3	20.9	18.8	17.5	15.8	15.4	31.3
29	17.3	15.4	14.0	14.6	17.8	15.7	15.8	20.1	35.3	21.4	25.6	22.3	21.9	22.8	23.1	22.9	20.9	18.9	17.6	15.9	17.1	37.7
30	13.5	15.8	14.9	13.8	15.3	16.1	14.9	19.8	27.3	20.7	22.6	22.3	22.2	23.3	23.6	22.9	20.9	18.8	17.6	16.0	17.0	37.9
31	14.2	17.2	15.9	15.5	16.5	16.3	15.9	19.9	33.1	21.5	24.8	22.5	22.1	23.0	23.4	22.9	20.7	18.8	17.7	16.0	17.0	39.2
平均 Mean	18.2	18.8	18.4	18.5	18.6	18.6	18.5	23.0	37.9	23.7	28.2	25.2	25.0	25.6	25.6	24.0	20.5	18.1	16.8	15.2	19.9	37.7

記事 REMARKS.

日 Day	記事 REMARKS.
1	⌒2a.⌒°p. ≡°4h15-≡14h28-≡°5h56-6h16.
2	⌒1a.
3	●°19h45-20h12.
4	●°2h18-2h25.●°9h25-●19h35-●°9h40-●19h45-●°9h50-9h55.●°10h20…10h40.●°13h24-13h44.●°14h07-14h43.⸗9,10,13h-
5	⌒°p. ●°2h08-●12h23-●°2h30-2h45. 4th{●°15h05-15h10.●°19h10-●19h30-●°19h43-21h42.●°23h27-23h36. ⸗-3,5h.
6	≡°4h32-≡14h45-≡°6h50-8h10. ⸗13,21h.
7	⌒°τ°p. ●°9h38-9h45.
8	⌒1a.τ°a.p. ≡°20h40-21h38.
9	⌒1⊕°a.⌒°τ°p.
10	⌒1τ1∞°a.⌒°τ°p.
11	∩°(W)⌒°a. ●°10h33.
12	●°15h20-16h40.●°16h50…17h30.
13	⌒2a.τ°p.
14	∞τ1a.m°τ2p. ●°16h-1616h24.●°19h04-19h09.●°21h57…22h40.
15	⌒1a.⌒°p. ≡°1h30-≡12h40-≡°3h30-≡14h25-≡°5h20-5h40.●°11h10-●11h25-●°11h30-●11h36-●°11h41-●12h23-
16	⌒°τ°a. 15th{-●°12h28-13h24.⌈°11h24…⌈11h45…T°13h20…13h42.T°17h05.
17	⌒°τ1p.
18	⌒1a.τ°a.p.⟨°(NW)p.
19	⌒°p.
20	⌒°τ°a.
21	⌒⟨°(NW-N)p. 22nd{T°10h47-10h52.T°11h20.
22	∞1a.⌒1a.p.⟨1(ESE)∞°p. ●°9h57-●10h19-●°10h41-●11h12-●°11h16-11h20.●°11h32-●11h34-●°11h40-●11h50-●°11h57-12h00.
23	⌒1τ°a.p.⟨°(S)p. ●°10h25-●10h50-●°11h05-11h42.●°12h17-●°12h28-●12h48-●°12h58-13h03,T°11h03…T11h05…⌈11h43…
24	τ°a.⌒1τ1a p. 23rd{…⌈°12h08…⌈12h21…⌈°12h43…13h02.
25	⌒2τ1⊕°a.
26	⌒p. ●°0h08-●10h11-●°0h17—3h35.●°4h55-●15h56-●°6h03-●16h17-●°7h11-●18h10-●°9h50-10h35.
27	⌒1a.⌒2τ1p.
28	⌒1∞°a
29	⌒1p.
30	τ1a.τ°p.⌒1a.p.
31	⌒1a.p.

營口

YINGKOW.

昭和五年八月 AUGUST, 1930.

日 Day	氣壓 AIR PRESSURE. (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean
1	57.6	57.8	58.3	57.5	57.8	58.5	57.9
2	58.4	59.0	59.3	57.9	57.6	58.5	58.5
3	58.2	57.3	57.2	55.0	54.1	54.0	56.0
4	53.2	52.4	52.5	51.6	51.8	51.9	52.2
5	50.9	50.9	52.0	54.7	55.3	56.5	53.4
6	56.5	56.4	56.9	55.2	54.9	56.3	56.0
7	56.2	56.0	56.8	56.4	56.4	57.5	56.6
8	57.6	57.4	58.2	57.3	57.3	58.2	57.7
9	58.5	58.6	58.9	57.9	56.8	57.0	58.0
10	56.6	55.9	55.7	54.5	53.2	53.4	54.9
11	53.0	52.5	52.4	51.0	50.6	50.9	51.7
12	50.5	49.8	49.0	48.3	47.7	48.3	48.9
13	49.0	49.2	50.3	49.9	49.5	51.6	49.9
14	51.4	51.5	51.7	52.0	52.4	52.9	52.0
15	54.0	54.2	54.7	53.8	53.1	53.6	53.9
16	52.9	52.9	53.1	52.1	51.1	51.9	52.3
17	51.3	50.7	50.3	49.1	48.4	49.4	49.9
18	48.4	48.0	47.8	47.0	**46.6**	48.2	47.7
19	47.5	48.4	50.0	49.9	50.1	51.5	49.6
20	51.4	51.4	52.1	51.3	51.2	52.3	51.6
21	51.4	50.8	50.9	49.6	49.5	50.1	50.4
22	49.6	49.6	50.1	49.3	49.4	50.9	49.8
23	51.8	52.0	52.9	52.5	53.2	54.9	52.9
24	55.3	56.3	56.8	56.4	56.4	57.7	56.5
25	57.8	57.9	57.7	57.0	56.3	55.6	57.1
26	54.8	55.1	56.0	55.6	56.5	58.2	56.0
27	59.4	60.2	60.7	59.9	60.0	60.9	60.2
28	61.1	61.2	**61.5**	60.7	60.7	61.2	61.1
29	61.2	61.2	60.9	59.8	58.9	59.5	60.3
30	59.3	59.2	59.2	58.7	58.5	59.0	59.0
31	58.2	58.6	59.2	58.7	58.7	60.4	59.0
平均 Mean	54.6	54.6	54.9	54.2	54.0	54.9	54.5

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	—	0.4	ENE	0.6	SE	1.8	SSW	2.9	W	2.3	SW	1.3	1.5
2	SE	1.8	SE	2.3	S	4.4	SSW	3.5	S	4.3	SSE	1.3	2.9
3	SE	1.3	SE	1.9	SE	3.8	SE	4.6	SE	4.9	SE	4.7	3.3
4	SE	2.3	SE	5.3	SE	5.9	SE	4.1	SE	2.9	SE	2.9	3.9
5	SE	4.1	SSE	5.3	S	4.9	SSW	3.5	SSW	1.9	—	0.0	3.7
6	—	0.4	ESE	1.1	ESE	1.4	SE	3.9	SE	3.5	SE	1.3	2.1
7	SE	2.9	SE	3.5	SSE	7.8	S	5.8	SSW	4.9	S	1.6	4.2
8	SE	1.9	SSE	2.9	S	5.4	SW	3.7	SW	2.2	SW	1.3	2.9
9	SE	0.6	SE	0.5	NNE	2.4	N	4.3	NNE	4.1	NNE	2.4	2.1
10	NNE	1.8	NNE	1.3	N	2.5	N	1.3	NNE	1.9	NNE	1.5	1.7
11	NNE	0.5	—	0.2	SSE	2.9	S	2.6	SW	2.5	—	0.1	1.6
12	—	0.2	S	0.6	SE	2.9	SSE	2.6	SW	1.8	W	1.3	1.4
13	E	0.6	N	2.9	NNE	1.9	NNE	1.3	NE	1.5	—	0.0	1.9
14	—	0.0	SE	1.4	S	4.7	S	5.8	S	5.9	SE	1.8	3.1
15	E	0.7	E	0.6	NNE	1.8	N	2.3	NW	1.5	NE	1.1	1.4
16	NE	0.6	—	0.4	N	1.5	WNW	1.6	N	1.2	—	0.2	1.2
17	NE	0.5	NE	0.8	SE	1.1	NW	1.8	SW	2.4	SSW	1.4	1.5
18	SSE	1.2	SE	1.3	SSW	3.5	W	5.1	SW	1.9	N	1.0	2.9
19	SE	1.6	WNW	2.0	NW	2.7	N	2.3	—	0.3	N	0.5	1.7
20	NE	0.9	NE	1.0	S	3.8	S	3.7	S	3.7	SSE	1.0	2.3
21	SE	1.2	SE	1.4	SE	2.3	E	1.6	E	2.0	NE	2.9	1.5
22	NNE	1.3	NNE	0.8	N	2.3	N	2.3	N	0.7	NW	1.2	1.7
23	SE	1.8	SE	1.1	S	2.9	SW	5.3	NW	1.8	N	1.1	2.0
24	N	0.8	N	0.9	N	0.8	NW	1.9	W	2.3	—	0.0	1.3
25	—	0.4	SSE	0.5	S	1.9	SW	2.8	SSW	0.7	SSE	2.3	1.4
26	W	3.7	NNW	5.8	N	2.6	NNE	3.6	NNE	2.3	NNE	0.5	2.8
27	NNE	0.9	ENE	0.8	SE	2.4	S	3.2	S	2.9	S	1.0	1.9
28	SSE	1.9	SSE	1.2	S	3.5	S	3.5	SSW	2.2	S	0.5	2.2
29	S	0.8	S	0.9	S	3.3	SW	2.8	SW	1.4	SW	0.6	2.7
30	S	0.9	S	0.8	S	4.2	S	5.3	S	4.1	SSE	4.1	3.1
31	SSE	4.0	SSE	2.5	S	2.7	S	4.8	S	1.4	SE	0.7	3.4
平均 Mean		1.4		1.7		3.2		3.3		2.5		1.3	2.3

日 Day	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	合計 Total
1	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—
3	0.0	—	—	—	—	—	0.0
4	—	—	—	0.8	15.3	1.7	17.8
5	4.0	16.8	—	0.4	0.1	—	21.3
6	0.5	—	—	—	—	—	0.5
7	—	—	0.2	0.3	—	—	0.5
8	—	—	0.1	—	—	—	0.1
9	—	—	0.2	—	—	—	0.2
10	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—
12	—	1.2	12.1	—	0.3	—	13.6
13	**57.4**	0.3	—	—	—	—	**57.7**
14	—	6.8	—	—	0.1	—	6.9
15	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—
17	—	—	—	0.1	—	—	0.1
18	—	—	—	—	—	15.5	15.5
19	0.2	—	—	—	—	—	0.2
20	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—
23	—	0.1	0.0	—	0.1	—	0.2
24	—	—	—	—	—	—	—
25	—	—	—	—	—	0.0	0.0
26	11.9	10.3	10.7	5.5	—	—	38.4
27	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—
平均 Mean	74.0	35.5	23.3	7.1	15.9	17.2	173.0

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	25.3	24.3	31.7	32.6	29.6	26.5	28.8	**33.5**	22.7	10.8
2	24.6	24.9	30.1	32.4	30.4	27.0	28.2	32.7	22.7	10.0
3	25.7	26.2	30.0	31.7	29.5	27.5	28.4	32.8	24.0	8.8
4	27.1	27.0	28.9	27.6	26.7	25.0	27.1	30.4	24.1	6.3
5	23.8	24.9	25.6	25.0	25.0	24.0	24.7	26.7	23.0	**3.7**
6	23.9	22.8	30.6	32.0	30.0	26.5	27.6	32.4	22.1	10.3
7	25.1	25.0	27.2	28.5	27.8	25.7	26.6	30.2	23.2	7.0
8	24.5	25.6	28.0	30.3	28.9	25.2	27.1	31.1	23.2	7.9
9	23.7	24.0	27.7	30.0	27.5	21.8	25.8	31.0	21.5	9.5
10	20.4	18.8	28.0	30.7	28.5	24.6	25.2	31.0	18.1	12.9
11	22.7	21.3	30.0	32.0	28.4	26.5	26.8	32.2	20.4	11.8
12	25.5	24.7	27.4	28.5	26.2	24.5	26.1	28.6	23.2	5.4
13	21.7	21.1	22.9	27.5	26.5	22.2	23.7	28.2	20.5	7.7
14	21.5	20.8	27.4	28.6	26.6	21.3	24.4	28.6	20.2	8.4
15	20.8	19.9	27.6	29.8	28.1	23.7	25.0	30.6	19.4	11.2
16	22.7	20.9	27.5	28.8	27.2	23.8	25.2	29.6	20.3	9.3
17	23.0	22.0	28.5	27.5	27.4	24.7	25.5	30.1	20.7	9.4
18	23.1	22.9	27.7	28.8	26.3	19.4	24.7	29.2	18.6	10.6
19	19.6	20.0	23.2	26.7	24.6	21.2	22.6	27.6	18.7	8.9
20	19.9	19.0	26.7	28.5	26.5	23.5	24.0	28.6	18.5	10.1
21	21.8	21.2	26.7	29.8	26.2	21.3	24.5	30.5	20.1	10.4
22	20.1	18.5	26.1	28.3	26.5	23.8	23.9	28.8	17.8	11.0
23	20.7	21.3	26.3	28.0	25.5	22.0	24.0	28.3	20.0	8.3
24	20.3	19.7	[illegible]	[illegible]	26.0	22.0	23.6	28.3	18.8	9.5
25	[illegible]	[illegible]	[illegible]	.2	26.7	24.7	24.7	29.8	18.8	11.0
26	[illegible]	[illegible]	[illegible]	.2	19.5	16.3	18.3	24.7	15.5	9.2
27	[illegible]	[illegible]	[illegible]	.6	25.4	21.7	21.5	28.1	**13.2**	**14.9**
28	[illegible]	[illegible]	[illegible]	3	25.7	22.7	23.2	27.8	17.1	10.7
29	[illegible]	[illegible]	[illegible]	.6	25.0	21.4	23.0	27.8	16.4	11.4
30	[illegible]	[illegible]	[illegible]	5	25.3	22.6	23.2	28.6	16.5	12.1
31	[illegible]	[illegible]	[illegible]	0	25.3	21.3	24.0	29.1	19.3	9.8
平均 Mean	22.1	21.4	27.0	28.6	26.7	23.4	24.9	29.6	20.0	9.6

日 Day	濕度 (百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean
1	95	92	53	55	72	88	76
2	80	82	69	61	65	86	74
3	90	88	66	59	61	76	73
4	81	80	77	87	86	91	84
5	100	99	91	88	87	96	94
6	98	97	68	62	72	84	80
7	88	86	85	78	85	97	87
8	90	91	88	77	83	92	87
9	97	99	83	65	57	83	81
10	94	89	63	54	66	83	75
11	92	92	59	60	77	86	78
12	89	96	79	73	91	96	87
13	100	99	87	74	78	96	89
14	97	97	68	67	79	85	82
15	96	98	66	51	60	84	76
16	98	95	61	56	66	84	77
17	90	89	65	56	65	80	74
18	90	88	73	65	74	96	81
19	100	98	76	59	78	89	83
20	95	96	72	69	74	93	83
21	96	93	59	51	67	89	76
22	98	98	66	56	62	82	77
23	88	94	66	62	73	93	79
24	97	96	63	59	70	95	80
25	95	98	**49**	51	72	80	74
26	100	100	100	91	82	100	96
27	100	100	58	65	63	90	79
28	90	90	78	73	84	94	85
29	93	91	73	72	84	98	85
30	100	90	76	62	72	84	81
31	93	96	70	69	73	84	81
平均 Mean	94	93	71	65	73	89	81

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	6 c	0 c	0 —	10 c	0 —	3.2	13.20	8.3
2	10 c	10 c, k	3 k	10 kn, k	9 kc,kn	8.4	12.40	8.3
3	10 c	8 k, c	10 kc, c	10 kc	10 kc	9.6	10.45	7.6
4	10 kc,kn	10 sk	10 n	10 n	10 n	10.0	1.30	4.2
5	10 n	10 n	10 n	6 ck, c	10 sk	9.2	3.25	2.4
6	10 c	10 k, c	9 c, k	6 ck, k	4 ck	7.8	12.20	5.9
7	3 k, c	7 kc, c	10 sk, kc	3 k	10 ck	6.6	6.50	4.6
8	10 ck,kc,s	10 k, s	8 c, k	2 k, c	0 —	6.0	8.46	4.9
9	10 kn, sk	10 k, c	4 c	3 c	3 c	6.0	9.40	6.7
10	10 n, sk	0 c	0 —	0 c	4 c	1.6	13.20	7.1
11	7 c, ck	10 ck	9 c, ck	10 sk, kc	10 sc	9.2	10.15	6.4
12	10 n	10 sk	10 sk, n	10 kc	10 kc	10.0	0.00	1.7
13	10 n	10 n	9 kc	0 —	10 kc	7.8	4.40	4.3
14	10 n, sk	0 c	10 sc	10 kn	4 k	6.8	9.67	5.5
15	1 k	1 c	0 —	0 —	0 —	0.4	12.00	5.4
16	0 c	1 c	10 c,ck,k	10 c	6 k	5.4	12.50	6.9
17	9 ck, kc	5 k	7 k, kc	0 —	0 —	4.2	9.74	5.3
18	10 kc, k	9 k	2 k	9 c, k	10 n	8.0	12.00	8.8
19	2 kc, k	10 sk, k	0 k	0 k	0 —	2.4	10.65	6.0
20	0 —	7 k, c	4 kc	10 c, ck	0 —	4.2	13.00	5.7
21	10 kc	10 ck	10 kc, k	9 ck, k	0 —	7.8	7.03	5.4
22	0 —	0 k	8 ck,c,k	0 —	0 —	1.6	12.53	6.4
23	10 sk, kn	0 k	4 k	7 c, kn	0 —	4.2	9.60	6.6
24	1 c	3 k	0 k	0 —	0 —	0.8	12.85	6.3
25	0 —	10 c	10 ck, c	10 sc	10 n	8.0	9.68	5.4
26	10 n	10 n	10 n	3 k	0 —	6.6	1.15	1.7
27	0 —	0 —	0 —	0 —	0 —	0.0	12.63	5.6
28	0 c	10 c	10 cs, ck	10 cs	4 c	6.8	12.50	4.5
29	3 c	0 —	4 k	1 c	0 —	1.6	12.10	5.4
30	0 c	10 c	10 c	10 cs	0 —	6.0	12.00	7.1
31	0 —	0 —	0 —	0 —	0 —	0.0	12.45	6.3
平均 Mean	5.7	6.2	6.2	5.5	4.0	5.5	298.99	176.7

* 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

MUKDEN.

昭和五年八月 AUGUST 1930.

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.
1	53.3	53.9	54.3	53.6	53.3	54.2	53.8	E	2.6	E	2.9	SSW	2.5	WSW	3.3	SW	1.2	SW	2.0	2.2
2	54.4	54.7	55.1	54.0	53.0	54.2	54.2	SSW	2.2	S	3.4	SW	7.2	SW	7.3	SSW	4.0	SW	3.0	4.4
3	53.8	53.6	53.5	51.8	50.5	50.5	52.3	S	4.2	S	2.3	S	4.3	SSW	3.4	SSE	2.3	SSE	4.1	3.3
4	49.4	48.9	49.0	48.1	48.6	49.1	48.9	SSE	5.4	S	4.9	SSW	8.4	SW	6.7	SW	5.0	SSE	3.7	5.1
5	48.3	47.2	48.0	49.1	50.8	52.5	49.3	SSE	3.9	SSE	5.7	S	5.9	WSW	11.7	SW	4.6	SSW	2.9	5.3
6	52.8	53.6	54.0	52.3	51.9	52.9	52.9	S	1.1	SE	1.3	SSW	2.2	S	1.8	SSE	3.3	SSE	4.4	2.3
7	52.7	52.5	52.4	51.2	52.1	53.0	52.3	SE	2.0	SSE	3.8	S	8.6	W	6.3	SW	5.2	SW	5.1	5.4
8	53.0	53.1	53.8	52.9	53.2	54.1	53.4	SSW	4.1	S	2.5	SSW	6.0	SW	6.4	W	3.9	SW	3.2	4.1
9	54.4	54.8	54.8	54.1	52.8	52.9	54.0	W	1.8	NNE	2.2	NNE	3.5	NNW	4.6	NNW	3.7	N	2.7	3.0
10	52.6	51.9	51.6	50.4	49.3	49.4	50.9	N	1.3	ENE	2.2	NE	1.3	NNE	3.2	N	2.6	N	2.3	2.4
11	48.9	48.5	48.2	47.3	46.4	47.1	47.7	ENE	2.4	ENE	3.0	S	2.5	W	2.7	W	1.3	W	0.8	2.0
12	46.5	46.1	45.6	44.9	44.1	44.5	45.3	SW	1.7	S	2.7	SSW	2.0	NNW	2.9	NE	1.5	NW	1.6	1.5
13	44.1	45.2	45.9	45.9	45.3	46.4	45.5	N	2.7	NW	3.2	N	1.3	NW	3.7	NE	1.4	NE	0.8	2.0
14	46.6	47.7	47.3	47.2	47.7	49.3	47.6	—	0.1	SSW	4.7	SSW	4.2	SW	6.0	W	4.0	SSW	2.6	3.0
15	50.3	50.7	50.5	49.2	49.1	49.1	49.8	SE	1.5	SSE	0.5	—	0.1	W	2.7	SSW	4.1	SSE	1.4	1.7
16	48.2	48.4	48.4	47.5	47.2	47.5	47.9	SSE	2.1	SSE	1.0	SW	2.6	W	3.8	WNW	2.0	—	0.1	2.0
17	47.0	46.8	46.6	44.7	44.2	44.6	45.7	—	0.0	SE	1.0	S	0.6	W	1.3	W	1.5	WSW	1.2	1.0
18	44.2	43.8	43.9	42.2	43.0	44.7	43.6	S	2.8	SE	1.8	SW	3.0	W	2.6	SSW	1.3	SSE	1.4	2.4
19	43.6	44.5	45.3	45.2	45.7	47.1	45.2	ENE	2.2	NNW	0.8	NNW	2.1	NW	2.5	W	3.4	W	1.6	2.3
20	47.2	47.2	47.7	46.6	46.9	48.1	47.3	SW	2.5	SSW	2.2	WSW	4.7	SSW	6.0	WSW	3.0	SW	1.6	3.1
21	47.3	47.5	47.1	46.0	45.8	46.3	46.7	S	1.2	ESE	1.6	SE	1.1	S	3.2	ESE	1.2	SE	2.4	1.7
22	45.6	45.4	45.7	45.4	45.2	46.5	45.6	ENE	1.1	NNE	2.3	NNE	3.3	NNE	2.9	WNW	0.8	SSW	1.1	1.9
23	47.2	48.0	48.3	48.7	49.1	50.6	48.7	SW	0.8	—	0.3	WSW	3.6	NNW	2.7	SW	1.2	WSW	1.4	1.4
24	51.0	52.2	52.6	52.1	52.0	53.3	52.2	—	0.3	—	0.1	NNW	0.8	W	1.6	WSW	1.3	SW	1.1	1.0
25	53.5	54.0	53.6	52.6	52.4	52.1	53.0	SW	0.9	ESE	2.9	S	3.6	WSW	3.4	W	1.5	SSE	0.9	1.9
26	50.7	49.2	51.2	51.4	52.2	54.1	51.5	S	2.7	SSE	3.9	NE	3.3	NNW	2.4	NNE	2.6	NNE	0.6	3.0
27	55.2	56.5	56.6	55.4	55.3	56.6	55.9	NNE	0.7	NNE	1.8	ESE	3.4	S	3.6	S	2.6	S	2.6	2.2
28	56.5	57.2	57.1	56.4	56.5	57.3	56.8	SE	3.0	ESE	3.6	SSW	5.3	SSW	3.8	SW	3.0	SSW	1.0	3.1
29	57.2	57.3	56.9	55.0	54.2	55.2	56.0	SSE	2.8	ESE	2.6	WSW	2.7	SW	2.8	SW	1.2	SSW	2.2	2.3
30	55.1	55.1	54.7	53.4	53.4	54.4	54.4	SSE	2.0	ESE	2.2	SSE	5.1	S	6.7	S	6.0	S	3.7	4.2
31	51.0	54.6	54.8	54.3	54.8	56.2	54.8	SSE	2.4	ESE	1.7	S	2.7	SSW	3.3	—	0.3	SE	1.6	1.9
平均 Mean	50.5	50.6	50.8	50.0	49.9	50.8	50.4		2.1		2.4		3.5		4.0		2.6		2.1	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	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—
4	—	—	0.3	0.2	0.1	8.2	8.8
5	—	0.8	5.3	5.2	0.1	—	11.4
6	—	2.4	—	—	0.1	—	2.5
7	—	—	—	—	6.3	4.0	10.3
8	0.4	—	—	0.0	—	—	0.4
9	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—
11	—	—	—	—	—	0.0	0.0
12	—	0.0	0.9	3.8	3.5	0.6	8.8
13	11.5	3.2	0.1	—	—	—	14.8
14	—	0.3	1.3	—	—	0.1	1.7
15	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—
18	—	3.7	—	—	3.8	0.2	7.7
19	2.8	—	1.1	0.1	—	—	4.0
20	—	—	—	0.1	—	—	0.1
21	—	—	—	—	—	—	—
22	—	—	—	0.2	—	—	0.2
23	0.3	—	—	2.8	—	—	3.1
24	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—
26	—	8.4	6.7	6.4	1.0	—	22.5
27	—	0.2	—	—	—	—	0.2
28	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—
平均 Mean	15.0	19.0	15.7	18.8	14.9	13.1	96.5

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
1	23.5	24.6	31.0	33.2	31.4	26.3	28.3	34.2	22.3	11.9	91	86	62	50	67	92	75
2	23.6	22.9	29.6	32.4	30.4	26.1	27.5	32.7	21.4	11.3	93	79	64	59	68	83	74
3	24.8	24.8	30.2	31.8	30.9	26.4	28.2	33.1	23.9	9.2	83	82	64	58	70	71	71
4	25.3	26.1	28.3	27.2	24.6	23.9	25.9	30.6	22.4	8.2	72	74	71	78	82	90	78
5	24.2	24.6	27.4	26.5	24.7	22.8	25.0	28.4	22.6	5.8	83	78	79	83	90	99	85
6	22.9	23.1	29.2	32.2	30.1	26.4	27.3	32.6	22.4	10.2	100	99	68	59	72	75	79
7	24.6	25.1	29.8	27.3	26.8	25.0	26.4	31.4	23.8	7.6	87	88	63	80	81	96	83
8	23.9	23.8	28.6	30.9	29.7	24.0	26.8	31.4	22.7	8.7	93	89	81	73	77	78	82
9	21.3	24.0	27.6	29.1	27.0	21.9	25.5	29.6	21.9	7.7	88	84	70	54	51	73	70
10	19.9	19.6	27.6	29.2	27.9	23.4	24.6	29.8	17.5	12.3	96	85	57	51	56	82	71
11	20.5	21.2	29.9	31.8	29.7	26.7	26.6	33.1	19.5	13.6	90	81	64	62	68	92	76
12	24.2	24.2	24.9	24.2	23.7	23.4	24.1	26.7	23.2	3.5	98	94	93	94	99	99	96
13	21.5	21.1	24.1	25.6	25.6	21.3	23.2	26.8	20.8	6.0	98	100	83	76	78	93	89
14	19.9	19.7	27.1	29.1	26.0	20.4	23.7	29.6	18.8	10.8	99	100	70	78	88	87	87
15	19.6	19.7	26.6	29.1	27.0	21.1	23.9	29.2	18.4	10.8	100	99	66	51	72	96	81
16	19.3	19.6	26.0	27.7	26.7	21.5	23.5	29.2	18.4	10.8	98	96	76	60	62	94	81
17	20.5	21.2	28.1	30.1	28.1	22.9	25.2	31.2	19.6	11.6	95	91	57	48	60	89	73
18	21.1	20.6	26.0	28.9	21.7	20.2	23.1	29.9	19.6	10.3	90	97	74	50	80	91	82
19	19.4	19.0	21.7	24.9	24.3	19.0	21.4	27.0	18.4	8.6	94	96	79	63	63	93	83
20	17.8	18.9	26.4	27.4	26.0	21.1	22.9	29.3	17.6	11.7	93	92	67	64	74	97	82
21	19.6	20.0	26.9	28.9	26.0	21.3	23.8	29.2	19.1	10.1	93	93	70	50	70	74	76
22	19.6	18.9	22.7	23.7	25.2	20.0	21.7	26.5	18.5	8.0	90	97	80	75	71	93	84
23	19.0	19.4	24.8	23.4	23.3	20.1	21.7	25.4	18.2	8.2	97	99	73	75	80	97	87
24	18.7	17.6	23.6	27.5	26.0	20.2	22.3	28.5	17.0	11.5	90	100	66	51	59	89	77
25	18.8	18.5	27.4	30.0	26.5	22.9	24.0	30.8	17.0	13.8	91	91	56	48	67	88	74
26	21.8	20.5	17.6	17.3	18.6	14.5	18.4	22.9	14.5	8.4	92	99	95	96	85	93	94
27	14.1	13.6	21.6	27.9	25.4	18.1	20.1	28.6	13.0	15.6	100	100	81	43	63	91	80
28	16.4	16.3	26.7	29.2	26.4	19.5	22.4	30.0	14.9	15.1	90	87	60	54	68	96	76
29	17.3	17.5	26.1	29.6	27.4	21.0	23.2	30.6	16.1	14.5	95	86	58	50	64	94	75
30	18.5	18.3	27.6	31.1	25.1	19.6	23.4	31.6	17.1	14.5	97	97	55	36	46	70	67
31	16.0	16.8	27.5	30.7	27.4	20.2	23.1	31.3	14.1	16.8	97	87	52	44	55	94	72
平均 Mean	20.6	20.7	26.5	28.3	26.4	22.0	24.1	29.7	19.2	10.6	93	91	69	62	71	89	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	2	c	9	c	9	c	10	cs, s	3	c	6.6	12.38	7.4
2	2	c, cs	7	c	10	k, c, sk	2	sk	3	s	4.8	12.37	8.4
3	10	ck, c	8	c, cs	10	sk, sc	10	cs, ck	8	s, ck	9.2	10.85	8.0
4	10	s	10	s, sk	10	n	10	n	6	sk	9.2	2.85	3.8
5	10	n, s	10		10	s	10	s	10	kc, s	10.0	1.62	4.7
6	10	s	10	s, cs	10	k, cs, kn	9	c, cs, kn	7	kc, s, kn	9.2	9.30	6.3
7	7	ck, s	10	c, ck	10	s, kn	10	s, kn	10	n, sk	9.4	6.76	4.8
8	10	s	10	s, n	9	k, s	4	kn, s	10	s, kn	8.6	7.14	6.0
9	10	c, ck	10	cs, c	4	c	1	c	0	—	5.0	13.13	7.6
10	7	c, s	1	c	0	—	4	c	0	—	2.4	12.30	7.4
11	2	cs, sc	10	kc, ck	10	kc, ck	10	s, kc	10	s	8.4	7.68	4.9
12	10	n	10	n	10	n	10	n, s	10	s, n	10.0	0.00	2.5
13	10	s	10	s	10	s, sk	0	k	2	cs, c	6.4	1.97	3.3
14	10	n	2	c, k	10	sk, k	10	s, cs	8	kc, kn	8.0	6.38	5.2
15	2	ck, s	1	k, s	1	k	2	s, k	2	s	1.6	12.48	6.6
16	0	s	1	k, s	6	k	8	s, k, c	2	ck	3.4	11.92	6.9
17	8	kc	8	k	8	k, s	2	s, k	2	s	5.6	11.59	6.7
18	7	s, k	9	k, c	10	sk, kn	10	s	10	n, kn	9.2	8.10	5.5
19	10	s	10	s, sk	8	sk, k	7	sk, k, ck	0	—	7.0	7.33	5.0
20	0	—	8	k	7	k, sk	2	k, kn, c	0	—	3.4	10.83	4.7
21	10	cs, s	10	s, kc	10	s, k	10	s, kn	10	s	10.0	5.37	5.0
22	2	s	10	s	10	s, sk	7	s, sk	1	kn	6.0	6.82	4.0
23	4	s	8	k, s	10	s, kn	8	c, k, kn	10	s	8.0	7.72	3.8
24	1	c, s	7	sk, k	8	c, k	0	—	0	—	3.2	12.04	5.2
25	0	ck	9	c, cs	10	ck, k	10	sc, s	10	[illegible]	7.8	9.07	4.3
26	10	n	10	n	10	n	7	s, c	0	—	7.4	1.33	1.2
27	10	≡	0	—	0	—	0	—	0	—	2.0	8.70	5.3
28	0	—	8	c	9	c, cs	9	ck, c	0	—	5.2	12.35	5.2
29	5	c, ck, s	0	—	0	c	0	—	0	—	1.0	12.00	5.4
30	0	—	1	c	8	c, cs	10	cs, c	0	—	3.8	12.05	7.9
31	0	—	0	—	0	k, s	1	ck, k	0	—	0.2	12.20	6.5
平均 Mean	5.8		7.0		7.6		6.2		4.3		6.2	266.63	169.5

※ 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

CHANGCHUN.

[illegible]年八月　　AUGUST, 1930.

日 Day	氣壓 (粍) AIR PRESSURE. (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean
1	38.1	38.6	39.3	38.4	38.3	38.7	38.6
2	38.6	38.8	38.7	38.0	38.0	38.2	38.4
3	38.1	38.0	37.8	36.4	36.9	36.7	37.3
4	34.8	34.0	34.5	33.8	34.1	35.3	34.4
5	34.9	34.5	35.0	34.5	34.9	36.3	35.0
6	36.2	37.1	38.2	38.7	38.6	38.5	37.9
7	38.1	38.3	38.2	36.6	35.4	36.6	37.2
8	36.8	37.6	37.6	36.3	37.0	39.0	37.4
9	39.7	40.5	40.4	39.5	38.4	38.6	39.5
10	38.1	37.7	37.4	36.2	35.7	35.8	36.8
11	35.5	34.9	34.4	33.1	32.3	32.2	33.7
12	32.3	31.4	31.1	29.9	29.8	29.8	30.7
13	29.2	29.5	30.2	30.5	31.2	31.8	30.4
14	31.6	32.0	32.4	33.4	33.9	32.9	32.7
15	33.2	34.3	34.3	32.9	33.3	33.1	33.5
16	32.7	32.7	32.6	31.7	31.6	32.0	32.2
17	31.9	32.1	31.6	30.0	29.6	29.7	30.8
18	29.3	28.9	29.2	28.1	28.1	29.0	28.8
19	29.1	29.3	29.7	28.9	29.4	31.0	29.6
20	31.0	31.2	31.3	31.6	29.6	31.1	31.0
21	31.4	32.0	33.0	32.2	32.0	32.0	32.1
22	31.3	30.9	30.9	30.1	29.6	30.5	30.9
23	31.0	31.5	32.6	32.4	32.4	33.6	32.3
24	35.0	36.7	36.3	36.0	36.3	37.8	36.4
25	37.6	38.1	38.3	37.6	37.0	37.6	37.7
26	36.1	35.2	33.8	34.1	37.1	39.1	35.9
27	40.5	41.8	41.4	40.5	40.4	41.1	41.0
28	41.5	41.7	41.7	40.8	41.0	41.6	41.4
29	41.6	42.1	41.6	40.0	39.4	39.5	40.7
30	38.7	39.0	38.5	36.8	36.7	37.3	37.8
31	37.6	38.2	39.0	39.5	40.0	41.2	39.3
平均 Mean	35.2	35.4	35.5	34.8	34.8	35.4	35.2

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	—	0.0	S	1.6	S	1.4	SSW	2.7	—	0.2	S	1.3	0.9
2	S	2.0	S	2.3	SW	4.9	SSW	4.9	SSW	2.3	S	1.9	2.9
3	—	0.4	S	2.3	SSW	2.0	WSW	3.5	—	0.0	—	0.0	1.5
4	—	0.1	S	2.2	SW	0.8	SW	0.6	WSW	1.8	—	0.0	0.7
5	—	0.0	—	0.0	—	0.0	—	0.1	—	0.2	—	0.2	0.1
6	—	0.0	—	0.0	—	0.0	—	0.2	—	0.0	—	0.0	0.0
7	—	0.0	S	0.8	S	2.9	SSW	0.8	S	4.7	S	1.2	1.4
8	SSW	3.9	—	0.4	SW	2.3	WSW	2.9	SW	1.3	—	0.0	1.2
9	—	0.0	—	0.0	NNE	1.2	WNW	0.6	—	0.1	—	0.1	0.3
10	—	0.0	—	0.0	—	0.0	—	0.4	—	0.0	—	0.0	0.1
11	—	0.1	ENE	1.2	SE	0.6	ENE	2.7	NE	1.5	NE	1.1	1.1
12	SW	0.8	ENE	1.8	—	0.2	NE	0.8	—	0.2	—	0.0	0.5
13	—	0.2	S	0.7	SW	1.9	WSW	0.8	—	0.1	—	0.0	0.6
14	—	0.0	—	0.1	S	2.1	SSE	7.6	S	1.4	S	1.4	1.0
15	S	1.4	S	1.0	SW	2.3	WSW	3.1	SW	0.8	S	0.5	1.6
16	—	0.4	—	0.4	W	3.0	NW	2.5	—	0.2	ENE	0.6	1.2
17	—	0.0	—	0.0	—	0.0	S	1.8	—	0.1	—	0.0	0.4
18	—	0.0	—	0.0	SSE	0.8	WSW	1.1	—	0.0	—	0.1	0.5
19	SW	0.6	—	0.0	—	0.0	—	0.1	S	0.9	—	0.0	0.2
20	WSW	0.5	SSW	0.6	SW	1.8	SW	4.7	WSW	1.8	—	0.4	1.5
21	—	0.0	SSW	0.5	SSW	0.6	S	1.3	E	0.5	E	0.5	0.6
22	E	1.4	E	1.6	NE	1.6	NE	1.6	NE	2.0	—	0.0	1.3
23	—	0.1	SSW	0.8	SW	2.9	WSW	2.6	SW	1.1	—	0.1	1.2
24	SSW	0.9	SW	0.8	SW	1.5	SW	3.1	SW	1.1	SSW	0.8	1.1
25	S	0.9	SSW	1.5	SSW	0.9	SW	1.9	SSW	0.6	—	0.0	0.8
26	SSW	0.9	—	0.3	SSW	2.3	W	2.9	—	0.4	—	0.1	0.8
27	SSW	0.5	SSW	0.8	S	0.9	S	2.8	SSE	1.8	—	0.0	0.9
28	SSE	1.6	SSE	2.3	SSW	2.3	S	2.9	—	0.0	SW	0.6	1.6
29	—	0.3	—	0.0	—	0.2	—	0.3	—	0.0	—	0.0	0.2
30	—	0.1	ESE	0.5	S	2.7	SSW	4.3	SSW	2.5	SSW	2.1	1.7
31	SSW	3.9	S	1.5	SW	3.7	SW	2.2	WNW	1.4	—	0.3	2.3
平均 Mean		0.7		0.8		1.5		2.2		0.9		0.4	1.0

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	—	—	—	—	15.1	—	15.1
4	—	0.3	3.7	0.2	7.7	3.8	15.7
5	5.7	1.8	17.1	26.9	5.1	0.4	57.0
6	0.2	—	—	—	—	—	0.2
7	—	—	—	—	—	—	—
8	3.2	92.6	—	—	—	—	95.8
9	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—
12	—	3.9	0.5	0.0	3.2	7.2	14.8
13	9.2	12.8	—	—	—	—	22.0
14	—	—	—	0.8	3.6	—	4.4
15	—	0.4	—	—	—	—	0.4
16	—	5.7	—	0.2	6.2	—	12.1
17	—	—	—	—	—	—	—
18	—	—	0.8	—	—	—	0.8
19	3.6	—	2.8	0.1	—	—	6.5
20	—	—	—	0.6	—	—	0.6
21	—	—	—	—	—	—	—
22	1.3	2.8	2.6	7.7	5.6	0.3	20.3
23	0.3	0.1	—	—	—	0.2	0.6
24	—	—	0.5	0.1	0.1	—	0.7
25	—	—	—	—	—	—	—
26	—	0.5	2.5	12.8	4.4	1.4	21.6
27	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—
平均 Mean	23.5	1209	30.5	49.4	51.0	13.3	288.6

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	19.7	22.0	31.5	33.1	29.2	25.6	26.9	33.7	19.0	14.7
2	23.3	23.3	28.9	32.3	29.4	25.3	27.1	32.8	22.7	10.1
3	22.5	23.0	27.3	30.9	24.0	22.9	25.1	32.9	22.2	10.7
4	22.0	22.1	22.9	24.9	21.8	21.6	22.6	25.3	21.2	4.1
5	21.6	21.6	21.2	21.4	21.6	21.9	21.6	22.0	20.5	1.5
6	21.7	22.2	23.3	27.5	27.5	23.2	24.2	29.2	21.2	8.0
7	22.4	23.0	30.3	30.6	28.5	24.1	26.5	31.9	21.5	10.4
8	22.4	23.5	27.3	30.0	28.1	23.6	25.8	30.7	21.2	9.5
9	20.7	17.8	25.5	27.3	21.5	19.0	22.0	27.8	17.2	10.6
10	16.6	18.0	25.3	26.4	26.1	18.8	21.9	27.7	15.5	12.2
11	16.8	16.7	26.9	29.9	25.4	22.0	23.0	30.3	15.8	14.5
12	19.0	20.6	23.1	26.7	22.0	21.3	22.1	23.7	16.5	10.2
13	20.9	20.0	23.5	26.8	22.2	20.4	22.3	27.2	20.0	7.2
14	18.9	20.1	27.5	19.0	19.2	18.0	20.5	23.7	17.7	11.0
15	18.2	18.6	24.1	26.4	22.4	20.0	21.6	26.9	17.5	9.4
16	18.2	17.6	23.2	24.0	21.2	19.1	20.6	23.3	17.4	8.9
17	17.2	17.3	24.3	26.6	23.6	19.6	21.4	28.0	16.5	11.5
18	18.5	19.0	21.1	26.1	22.5	18.7	21.0	27.4	16.7	10.7
19	16.9	16.9	18.3	21.1	21.0	18.0	18.7	21.6	16.3	5.3
20	17.2	17.6	24.1	25.0	26.0	20.1	21.7	26.7	15.7	11.0
21	18.2	19.6	26.0	28.3	23.6	21.9	22.9	28.9	17.6	11.3
22	19.4	19.4	19.7	20.3	19.0	18.5	19.4	22.0	18.3	3.7
23	19.1	19.0	22.0	26.0	22.6	19.5	21.4	26.3	18.4	7.9
24	18.5	18.6	21.1	21.4	21.4	17.8	19.8	23.7	17.4	6.3
25	17.2	16.1	26.6	28.7	24.7	21.4	22.5	29.3	15.6	13.7
26	20.0	19.4	20.8	17.6	16.5	15.4	18.3	22.2	15.1	7.1
27	13.5	14.6	23.1	25.9	20.6	17.6	19.2	26.5	12.6	13.9
28	15.5	15.0	25.0	29.3	25.9	18.2	21.5	29.7	14.7	15.0
29	16.9	16.4	27.7	29.9	21.6	20.1	22.1	30.3	16.2	14.1
30	17.6	16.6	26.5	30.1	23.9	21.5	22.7	30.4	15.7	14.7
31	18.2	16.3	27.1	28.1	24.8	21.0	22.6	23.8	15.6	13.2
平均 Mean	19.0	19.1	24.7	26.5	23.5	20.5	22.2	27.8	17.7	10.1

日 Day	濕度 (百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean
1	96	94	56	53	70	80	75
2	88	90	63	55	67	88	75
3	93	92	76	67	95	99	87
4	98	92	92	87	99	100	95
5	100	98	98	100	100	100	99
6	99	98	93	75	80	97	90
7	99	98	68	66	71	86	81
8	98	98	80	72	82	96	88
9	98	98	55	44	77	84	76
10	100	86	54	53	58	85	73
11	97	82	58	53	78	90	76
12	100	100	90	84	97	99	95
13	98	97	79	74	90	97	89
14	96	96	72	95	98	95	92
15	97	98	76	60	81	87	83
16	95	96	78	68	90	97	87
17	99	100	68	62	85	93	85
18	97	98	87	63	79	92	86
19	97	99	95	78	75	95	90
20	99	99	70	62	77	95	84
21	97	93	70	59	82	91	83
22	97	100	98	97	98	99	98
23	105	100	79	73	86	97	89
24	97	97	80	79	79	93	88
25	97	98	62	52	75	89	79
26	86	93	90	100	98	98	94
27	99	99	65	47	76	84	78
28	91	94	56	46	68	90	74
29	93	96	50	45	82	92	78
30	95	98	68	43	66	65	73
31	94	86	52	53	75	90	68
平均 Mean	95	96	74	67	82	92	84

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	c	2	c	10	c	10	s	10	c	8.4	12.70	6.9
2	10	c	10	c	2	c	6	c	0	—	5.6	12.50	7.0
3	10	sk	10	sk	10	sk	10	sc	5	c	9.0	1.60	2.3
4	10	n	10	n	10	sk	10	n	10	s	10.0	0.00	1.3
5	10	n	10	n	10	n	10	n	10	s	10.0	0.00	3.1
6	10	s	10	sk	10	sk	10	c, ck	9	c	9.8	0.00	3.1
7	10	c	10	kc	10	kc, kn	9	kn	10	sk	9.8	10.70	5.8
8	10	s	10	s	10	sk	10	s	0	—	8.0	11.70	4.7
9	0	—	1	c	2	c	0	sk	3	ck	1.2	12.70	6.5
10	10	c	0	c	3	c	0	c	10	c	4.6	10.55	6.8
11	8	c	4	c	10	sk	10	s	10	s	8.4	11.30	5.6
12	10	s	10	n	10	sc, k	10	n	10	n	10.0	0.00	3.4
13	10	sk	10	sc, k	10	sk	0	sk	0	—	6.0	0.00	4.2
14	10	s	10	s	10	n	10	s	10	sk	10.0	6.50	4.8
15	10	s	9	k	4	k	5	ck, sk	0	k	5.6	9.45	6.1
16	10	kc, ck	10	kc, k	10	kn	2	k, kn	0	—	6.4	5.90	4.9
17	10	c	10	k	10	sk	10	sk	10	sc	10.0	10.40	4.0
18	10	s	10	sc	9	k	5	c	10	sk	8.8	4.80	5.0
19	10	sk	10	n	10	sk	10	sk	0	—	8.0	0.00	1.1
20	10	kc	10	k	10	sk	10	sk	10	sk	10.0	11.90	6.1
21	6	sk	10	k	10	kn, ck	10	sc	10	sk	9.2	8.30	3.9
22	10	n	10	n	10	n	10	s	10	n	10.0	0.00	1.5
23	10	s	10	s	10	s	10	sk	10	sk	10.0	0.00	6.3
24	10	sc	10	sk	10	sk	10	kc	10	kc	10.0	3.00	3.8
25	10	c	0	c	10	k, c	10	cs	0	—	6.0	9.50	5.2
26	10	n	10	n	10	n	10	n	10	s	10.0	0.00	3.6
27	8	sk	0	—	0	—	0	—	0	—	1.6	11.00	5.8
28	0	—	0	—	0	—	0	c	0	—	0.0	11.80	6.0
29	0	—	0	k	0	—	0	—	0	—	0.0	11.00	5.9
30	0	—	1	k	0	—	0	c	0	—	0.2	11.50	7.1
31	3	ck	1	c	10	c, ck	10	c	0	—	4.8	9.15	4.0
平均 Mean	8.2		7.0		7.7		7.0		5.7		7.1	207.95	145.8

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

旅　順

昭和五年八月　　RYOJUN.　　AUGUST, 1930.

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	50.8	52.0	52.6	51.8	ESE	0.7	SE	3.1	SE	2.0	2.4	—	—	—	—
2	52.8	52.6	52.2	52.5	SSE	2.3	SE	4.0	SE	3.5	2.8	—	—	0.0	0.0
3	50.4	48.6	47.7	48.9	SE	5.2	SE	7.6	SE	4.3	5.4	—	—	—	—
4	45.9	45.5	45.6	45.7	SSE	5.8	SSE	7.1	S	**11.9**	8.2	1.9	0.6	4.9	7.4
5	46.4	48.6	49.3	48.1	W	4.7	WSW	2.5	SE	3.5	4.0	1.3	0.4	0.1	1.8
6	48.4	47.7	49.3	48.5	SE	6.7	SE	7.5	SSW	4.9	6.4	—	—	—	—
7	50.1	51.4	51.1	50.9	S	5.8	SSE	3.9	SSE	1.2	3.3	—	0.6	—	0.6
8	51.4	51.6	52.0	51.7	S	1.8	SSE	4.2	ESE	2.2	2.3	—	—	—	—
9	51.5	51.3	49.8	50.9	SE	0.5	SSE	3.2	NW	1.1	1.7	—	—	—	—
10	48.8	48.2	47.1	48.0	N	3.3	SW	1.4	W	0.5	2.1	—	—	—	—
11	46.2	45.5	45.0	45.6	N	1.5	SSE	2.9	SE	3.0	2.2	—	—	—	—
12	43.2	**41.7**	41.8	42.2	SE	2.0	SSE	2.7	SE	1.1	2.0	—	0.0	10.8	10.8
13	42.0	43.4	44.8	43.4	NE	2.0	NNW	5.3	NNW	1.2	2.4	—	—	—	—
14	46.0	46.5	47.3	46.6	NNE	4.7	SSE	2.7	ESE	3.0	2.3	—	0.0	0.2	0.2
15	47.4	47.5	47.0	47.3	ESE	1.6	E	4.4	N	2.2	2.0	0.0	0.3	2.7	3.0
16	46.4	46.2	45.4	46.0	NNW	2.9	SSE	1.7	NW	1.5	2.2	—	—	—	—
17	45.0	44.1	43.8	44.3	WSW	1.1	S	2.3	WSW	3.7	1.8	—	—	—	—
18	42.7	**41.7**	42.3	42.2	W	2.7	WSW	3.5	WSW	2.7	2.7	—	—	—	—
19	42.5	43.4	45.7	43.9	SW	1.8	N	2.6	—	0.1	1.9	**1.5**	—	—	1.5
20	45.6	45.6	45.6	45.6	NNW	1.5	SSE	3.3	ESE	1.4	2.2	—	—	—	—
21	44.1	43.4	43.5	43.7	N	1.4	SE	1.4	ESE	2.1	2.1	—	—	—	—
22	42.9	43.4	44.6	43.6	—	0.1	SSE	2.3	WNW	2.0	1.6	—	0.3	—	0.3
23	46.1	46.5	48.5	47.0	—	0.1	WSW	1.0	—	0.4	1.4	—	—	0.0	0.0
24	49.4	50.4	50.7	50.2	WNW	0.7	NNW	2.3	NNW	1.9	1.9	—	—	—	—
25	51.4	50.8	49.2	50.5	NE	0.7	SSE	3.6	SE	2.7	2.5	—	—	—	—
26	47.0	48.3	51.7	49.0	ESE	1.2	NNW	8.2	NNW	2.5	4.1	2.9	**28.7**	0.0	**31.6**
27	53.4	53.9	**55.6**	54.3	WNW	3.9	WNW	5.3	WNW	2.7	3.1	—	—	—	—
28	55.4	54.7	55.2	55.1	W	3.5	NE	0.8	WSW	1.6	2.2	—	—	—	—
29	54.8	54.0	53.7	54.2	SSE	1.4	W	4.1	W	2.0	2.4	—	—	—	—
30	53.5	53.7	53.5	53.6	W	3.2	W	3.0	WSW	1.1	2.2	—	—	—	—
31	53.2	53.1	54.2	53.5	—	0.0	W	2.7	ENE	1.2	1.4	—	—	—	—
平均 Mean	48.2	48.2	48.6	48.3		2.4		3.6		2.4	2.7	7.6	30.9	18.7	57.2

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	23.0	29.3	25.0	25.8	30.5	21.8	8.7	98	63	95	85	0 s	0 —	10 s	3.3	12.10	6.8
2	24.6	28.0	25.3	26.0	29.5	22.8	6.7	100	85	94	93	10 s	10 s, kc	9 ck, s	9.7	6.45	4.9
3	24.6	28.0	26.0	26.2	29.0	23.5	5.5	98	84	89	90	9 s, c	10 s	10 sk	9.7	8.00	4.8
4	24.5	28.0	24.2	25.6	29.5	23.4	6.1	95	79	100	91	8 sk, s	10 sk	10 n	9.3	2.78	5.7
5	23.0	27.5	24.6	25.0	28.5	21.3	7.2	98	70	91	86	10 n	10 sk, ck	10 cs, sk	10.0	4.25	4.5
6	24.0	27.0	24.5	25.2	27.7	23.2	**4.5**	98	82	90	90	10 s, kc	10 kc	7 sk	9.0	6.77	4.6
7	23.4	27.2	24.0	24.9	29.0	22.3	6.7	90	79	95	88	6 k	9 sk, kc	2 kc	5.7	8.30	4.5
8	23.8	27.1	24.3	25.1	28.5	22.9	5.6	96	83	99	93	10 kc, sk	10 cs, sk	6 s, kc	8.7	9.25	4.8
9	23.4	30.1	25.2	26.2	30.7	22.5	8.2	100	80	88	89	10 ≡	6 kc, ck	0 kc	5.3	8.35	4.6
10	24.0	29.3	25.6	26.3	**31.3**	23.3	8.0	90	72	78	80	10 sk	9 kc	3 kc, c	7.3	5.69	3.7
11	23.5	29.4	25.4	26.1	30.0	22.6	7.4	91	72	89	84	10 kc	8 kc, sk	9 ck, sk	9.0	6.35	5.2
12	24.3	28.0	24.8	25.7	29.5	23.3	6.2	92	76	98	89	10 kc, sk	10 sk, s	10 s	10.0	1.24	2.6
13	22.8	27.8	22.2	24.3	29.2	21.6	7.6	96	71	80	82	0 sk	0 k	4 c	1.3	12.33	5.4
14	23.0	27.7	25.0	25.2	29.1	21.2	7.9	82	76	90	83	9 s, sk	10 sk	10 n	9.7	2.30	3.6
15	24.1	28.3	24.8	25.7	31.2	22.6	8.6	89	73	84	82	2 sk, c	10 kn	3 k	5.0	10.40	5.1
16	23.2	29.2	23.2	25.2	30.1	20.3	9.8	88	60	72	73	0 k	10 cs, c	6 cs, kc	5.3	11.50	4.8
17	21.2	28.1	23.3	24.2	28.6	20.2	8.4	87	67	96	83	4 kc	10 kc, sk	2 sk	5.3	3.85	4.0
18	22.7	29.8	23.6	25.4	30.5	21.9	8.6	98	65	85	83	1 sk, cs	0 k	7 k, sk	2.7	10.42	6.3
19	20.8	28.2	22.8	23.9	29.0	19.6	9.4	87	60	79	75	0 sk	3 ck, kc	0 —	1.0	12.00	6.3
20	22.5	28.7	23.7	25.0	29.3	20.3	9.0	76	69	77	74	2 c	2 c	8 cs, sk	4.0	11.45	6.1
21	22.9	26.0	23.1	24.0	27.7	21.8	5.9	80	72	76	76	10 kc, sc	10 k, sk	0 k	6.7	4.05	4.6
22	21.8	25.8	22.2	23.3	29.0	20.3	8.7	76	68	80	75	9 k	6 k, sk	0 k	5.0	6.76	3.7
23	21.6	26.4	22.4	23.5	28.0	20.0	8.0	91	60	83	78	3 k	10 sc, sk	5 cs, sk	6.0	9.30	4.0
24	22.1	28.8	22.3	24.4	29.4	20.3	9.1	87	**46**	77	70	7 sk, c	0 k	0 k	2.3	12.53	6.7
25	21.0	29.2	26.0	25.4	30.2	19.8	**10.4**	85	65	86	79	0 kc	0 k	10 sc	3.3	9.70	6.0
26	22.2	20.4	20.0	20.9	26.5	18.5	8.0	100	83	76	86	10 n	10 n	1 sk, c	7.0	0.60	3.2
27	19.5	26.4	20.6	22.2	27.7	**18.0**	9.7	90	69	94	84	2 c	7 c, sk	3 sk	4.0	12.60	4.0
28	21.2	26.9	22.6	23.6	27.5	19.7	7.8	84	59	82	75	10 sc	10 sc, sk	10 sc	10.0	4.20	3.4
29	20.6	27.0	22.0	23.2	28.3	19.5	8.8	87	61	90	79	0 k	0 k	6 c, cs	2.0	10.85	5.4
30	22.0	26.4	21.7	23.4	28.3	20.0	8.3	88	51	83	74	5 c, cs	10 sc	6 sk	7.0	7.30	4.0
31	20.8	29.5	22.2	24.2	29.6	19.4	10.2	91	56	84	77	7 ck, cs	0 k	0 —	2.3	12.40	5.8
平均 Mean	22.6	27.7	23.6	24.7	29.1	21.2	7.9	91	70	86	82	5.9	6.8	5.4	6.0	244.07	149.1

* 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

昭和五年八月 **ANZAN.** AUGUST, 1930.

Day	氣壓 (粍) 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	53.9	55.1	55.3	54.8	—	0.0	WSW	2.7	SSW	1.4	1.2	—	—	—	—
2	55.6	55.6	55.2	55.5	SSW	1.4	WSW	3.6	SSW	1.5	2.5	—	—	—	—
3	54.7	52.7	52.2	53.2	—	0.0	SSW	1.8	SW	4.1	1.8	—	—	—	—
4	49.7	49.4	49.6	49.6	SSW	5.3	SW	5.8	—	0.2	3.7	—	2.0	3.4	5.4
5	47.5	49.9	52.6	50.0	SSW	2.4	WSW	7.3	SW	0.6	3.0	2.1	4.3	—	6.4
6	53.8	52.6	53.3	53.2	—	0.3	SE	3.5	SSW	3.6	1.8	—	1.7	—	1.7
7	52.5	52.1	53.6	52.7	S	1.8	SW	7.0	WSW	0.6	3.6	—	0.0	0.9	0.9
8	54.6	53.8	55.2	54.5	SW	1.8	WSW	4.1	SSW	2.0	2.7	—	—	—	—
9	55.4	54.1	52.9	54.1	—	0.3	NNE	4.3	E	1.1	2.1	—	0.0	—	0.0
10	53.3	51.5	50.1	51.6	—	0.0	NE	2.7	ESE	0.7	1.1	—	—	—	—
11	49.1	49.0	48.3	48.8	—	0.0	WSW	3.2	SW	1.3	1.0	—	—	—	—
12	47.0	46.1	46.0	46.4	—	0.0	W	1.2	ESE	0.7	0.7	0.0	4.5	—	4.5
13	46.1	47.6	47.2	47.0	N	2.3	NNE	1.4	—	0.0	1.3	18.2	—	—	18.2
14	48.8	48.9	50.0	49.2	SW	2.4	WSW	3.5	WSW	3.0	2.9	0.0	—	11.5	11.5
15	51.4	51.1	50.0	50.8	SW	4.2	NW	1.8	—	0.0	1.1	—	—	—	—
16	49.6	49.4	48.4	49.1	SW	1.5	W	2.4	—	0.0	1.0	—	—	—	—
17	47.8	47.1	46.2	47.0	—	0.0	NE	0.6	—	0.0	0.3	—	—	—	—
18	45.2	43.7	45.5	44.8	—	0.0	W	3.8	NNW	2.6	2.7	—	—	47.0	47.0
19	44.9	46.6	48.6	46.7	NW	0.9	N	2.3	—	0.0	1.3	36.0	0.4	—	36.4
20	48.4	48.2	52.0	49.5	SW	1.5	W	3.5	SW	0.6	2.2	—	—	—	—
21	47.4	47.4	46.7	47.2	SE	2.4	SW	1.1	N	2.4	0.7	—	—	—	—
22	46.6	46.2	47.9	46.9	ENE	0.8	NNE	2.3	—	0.0	1.0	—	—	—	—
23	48.9	48.5	50.5	49.3	—	0.0	W	3.8	—	0.0	1.4	—	—	7.2	7.2
24	52.6	53.9	53.8	53.4	NNW	0.7	NNE	1.2	—	0.0	0.5	—	—	—	—
25	53.9	53.9	53.0	53.6	S	1.8	SW	2.3	SSW	0.8	1.3	—	—	7.8	7.8
26	50.0	53.2	54.5	52.6	SW	2.1	NE	3.3	E	1.8	2.1	9.6	11.4	13.0	34.0
27	56.6	58.2	57.0	57.3	SW	1.8	W	2.1	SSW	1.2	1.5	—	—	—	—
28	57.4	57.8	58.1	57.8	SW	2.6	SSW	4.1	WSW	0.7	2.1	—	—	—	—
29	57.9	56.8	56.3	57.0	SW	1.8	W	2.3	—	0.0	1.7	—	—	—	—
30	55.5	55.0	55.6	55.4	—	0.0	WSW	4.7	WSW	2.3	2.7	—	—	—	—
31	55.4	55.3	57.3	56.0	SW	2.0	W	0.8	—	0.0	1.5	—	—	—	—
平均 Mean	51.3	51.3	51.7	51.5		1.4		3.0		1.1	1.8	65.9	24.3	90.8	181.0

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	22.1	32.7	26.6	27.1	34.4	21.9	12.5	94	51	84	76	3 cs	2 cs	4 cs	3.0	12.40	7.6
2	21.7	32.0	27.2	27.0	33.0	20.5	12.5	78	56	69	68	5 cs	8 s	2 ck	5.0	10.30	7.6
3	23.4	32.2	27.7	27.8	33.0	23.0	10.0	84	54	61	66	4 ck	8 cs, sk	4 ck	5.3	11.20	7.5
4	27.2	25.6	24.5	25.8	30.2	24.0	6.2	64	77	81	74	5 sk	10 n	5 sk	6.7	0.00	2.7
5	24.4	27.2	24.1	25.2	28.7	22.6	6.1	86	73	89	83	9 sk	9 sk	9 sk	9.0	4.50	5.3
6	23.0	28.6	26.6	26.1	31.7	22.1	9.6	89	80	71	80	4 cs	10 n	1 cs	5.0	10.20	5.9
7	24.4	29.4	25.8	26.5	31.5	23.8	7.7	78	60	81	73	5 cs	10 sk	5 sk	6.7	6.10	4.7
8	24.5	31.6	22.6	26.2	32.3	23.3	9.0	79	66	81	75	7 cs	9 sk	3 cs	6.3	6.60	5.4
9	24.0	29.8	22.3	25.4	30.2	21.8	8.4	91	58	75	75	10 sk	5 cs	0 —	5.0	10.30	6.3
10	17.1	29.5	23.8	23.5	30.4	16.2	14.2	91	55	78	75	2 cs	0 —	1 cs	1.0	11.70	6.8
11	19.5	32.6	27.4	26.5	33.7	19.0	14.7	93	49	81	74	4 ck	7 cs, sk	10 sk	7.0	7.30	5.6
12	24.4	28.0	23.8	25.4	28.3	22.9	5.4	89	71	95	85	10 n	10 sk	10 sk	10.0	0.00	2.1
13	21.3	24.4	20.7	22.1	25.2	19.6	5.6	98	78	96	91	10 sk	10 sk	0 —	6.7	1.20	1.3
14	21.1	30.5	19.7	23.8	30.9	18.4	12.5	94	52	93	80	10 n	6 cs	3 sk	6.3	4.30	6.3
15	19.1	28.2	21.9	23.1	29.4	17.9	11.5	96	50	82	76	8 sk	1 cs	0 —	3.0	11.40	6.3
16	19.7	26.7	22.3	22.9	28.7	18.8	9.9	85	59	86	77	2 ck	6 ck	0 —	2.7	11.40	5.0
17	20.5	28.2	22.3	23.7	30.5	19.8	10.7	89	52	84	75	10 sk	9 ck	0 —	6.3	7.40	4.6
18	21.6	28.2	19.3	23.0	30.4	17.4	13.0	89	59	89	79	8 sk	10 sk	10 n	9.3	8.10	1.6
19	18.7	25.2	20.4	21.4	26.2	17.2	9.0	95	60	89	81	10 sk	7 k	0 —	5.7	4.60	4.3
20	18.2	27.8	22.8	22.9	28.7	17.4	11.3	90	59	88	79	0 —	6 cs, k	0 —	2.0	10.70	4.2
21	20.3	28.4	21.1	23.3	29.0	18.9	10.1	91	51	87	76	6 cs	7 ck	0 —	4.3	3.50	3.5
22	17.3	26.4	21.5	21.7	27.1	16.4	10.7	93	55	85	78	4 cs	9 k	0 —	4.3	9.10	4.3
23	20.0	28.2	20.9	23.0	28.6	18.5	10.1	94	52	91	79	5 sk	8 k	0 —	4.3	6.00	3.1
24	19.4	25.8	20.9	22.0	28.3	18.1	10.2	92	58	89	80	4 ks	7 sc	0 —	3.7	9.90	4.1
25	19.7	29.6	23.6	24.3	30.8	17.6	13.2	85	47	82	71	7 ck	7 ck	8 sk	7.3	7.90	4.0
26	20.9	17.4	15.3	17.9	23.8	14.6	9.2	96	95	98	96	10 n	10 n	0 —	6.7	0.00	3.9
27	13.3	27.8	19.1	20.1	29.3	11.8	17.5	97	42	93	77	0 —	2 cs	0 —	0.7	11.70	5.1
28	17.7	28.7	20.9	22.4	29.5	16.4	13.1	82	48	87	72	1 ck	9 cs	0 —	3.3	7.60	4.6
29	17.1	27.6	21.5	22.1	29.7	16.2	13.5	88	53	90	77	2 sk	0 —	0 —	0.7	11.40	5.7
30	17.9	31.2	20.5	23.2	31.6	16.3	15.3	87	39	62	63	0 —	6 cs	2 cs	2.7	10.20	3.4
31	19.5	30.2	21.3	23.7	31.0	16.7	14.3	56	38	80	58	0 —	0 k	0 —	0.0	11.90	6.5
平均 Mean	20.6	28.4	22.5	23.8	29.9	19.0	10.9	88	58	84	76	5.3	6.7	2.5	4.8	238.90	154.3

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

開　原
KAIYUAN.

昭和五年八月　　AUGUST, 1930.

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	49.7	49.7	49.9	49.8	ENE	0.9	SSW	1.4	SSW	1.5	1.5	—	—	—	—
2	50.2	49.7	49.9	49.9	SSW	2.9	SSW	4.4	SSW	1.1	3.5	—	—	—	—
3	49.4	48.1	46.9	48.1	S	2.0	SW	4.3	SW	0.8	2.5	—	—	—	—
4	44.8	44.1	46.6	45.2	S	2.6	S	4.3	SSW	0.6	2.8	—	0.5	9.2	9.7
5	43.1	45.1	48.5	45.6	SSW	0.7	NW	0.7	WSW	1.8	1.5	2.1	23.7	10.0	35.8
6	49.4	49.5	49.0	49.3	WSW	1.5	W	0.5	ESE	1.5	1.3	0.0	0.1	—	0.1
7	48.7	47.0	48.0	47.9	ESE	1.2	S	5.8	S	2.8	3.1	—	—	11.9	11.9
8	48.5	48.8	49.8	49.0	S	2.3	SW	6.0	S	1.2	3.2	7.4	—	0.8	8.2
9	50.6	50.2	49.6	50.1	W	0.5	N	3.2	N	2.2	2.0	—	—	—	—
10	48.2	47.1	45.7	47.0	NNE	1.2	NE	1.4	NE	1.4	1.6	—	—	—	—
11	43.9	43.4	43.2	43.5	NE	2.9	SSW	2.9	W	1.2	1.8	—	—	—	—
12	42.8	41.4	40.8	41.7	S	0.9	SSW	2.3	ESE	1.1	1.4	0.5	0.7	18.6	19.8
13	40.4	41.7	42.6	41.6	SE	1.3	W	2.0	—	0.0	1.6	19.2	0.6	—	19.8
14	42.8	43.1	45.2	43.7	NNE	1.2	SW	4.7	—	0.1	1.9	—	—	0.0	0.0
15	46.3	45.2	44.9	45.5	SE	0.7	WSW	3.3	SW	1.9	2.2	—	—	—	—
16	44.3	43.5	43.5	43.8	SW	1.2	NW	2.8	NW	1.1	2.0	—	3.4	—	3.4
17	42.8	41.2	40.4	41.5	—	0.2	W	1.2	S	0.9	0.9	—	—	—	—
18	40.0	39.1	40.8	40.0	S	2.3	W	2.7	NNE	0.8	1.6	28.8	0.0	1.8	30.6
19	40.4	40.9	40.8	40.7	—	0.0	WNW	2.8	WSW	2.9	2.6	5.3	1.9	3.3	10.5
20	42.9	42.7	43.8	43.1	S	1.8	SW	5.5	SW	2.9	2.9	—	—	—	—
21	43.5	42.7	42.7	43.0	SSE	0.7	ESE	1.3	—	0.0	1.1	—	—	0.2	0.2
22	41.7	40.9	42.0	41.6	—	0.0	NNW	1.6	S	2.3	1.4	3.1	6.8	0.3	10.2
23	43.6	44.4	45.6	44.5	S	0.9	S	1.5	SSW	0.7	1.7	—	1.8	3.1	4.9
24	47.4	47.8	48.9	48.0	—	0.0	SW	3.5	SSW	1.4	1.8	5.2	—	—	5.2
25	49.5	49.2	48.3	49.0	SSW	0.6	SSW	1.8	—	0.4	1.5	—	—	—	—
26	45.5	46.9	49.9	47.4	S	1.2	WNW	3.5	ESE	0.7	1.5	0.8	19.9	3.6	24.3
27	51.8	51.7	52.2	51.9	—	0.2	S	2.0	SSE	1.8	1.5	—	—	—	—
28	52.8	52.3	53.1	52.7	—	0.0	SSW	2.8	S	1.2	2.2	—	—	—	—
29	53.2	51.5	50.7	51.8	S	1.1	SW	1.2	SW	2.0	1.5	—	—	—	—
30	50.6	49.4	50.1	50.0	—	0.0	SSW	3.7	S	3.2	2.6	—	—	—	—
31	50.3	50.4	51.8	50.8	S	1.6	SSW	4.8	—	0.4	2.3	—	—	—	—
平均 Mean	46.4	46.1	46.6	46.4		1.1		2.9		1.4	1.9	72.4	59.4	62.8	194.6

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	20.9	32.3	26.1	26.4	32.6	20.9	11.7	98	56	89	81	2 c	6 c	10 sk	6.0	11.90	6.6
2	22.5	30.2	25.1	25.9	31.1	22.4	8.7	95	62	85	81	10 cs	10 sk	8 kc	9.3	13.10	7.8
3	24.6	31.0	25.2	26.9	31.4	23.8	7.6	78	60	90	76	10 sk	8 k	10 sk	9.3	7.80	7.0
4	24.5	26.7	22.8	24.7	31.0	22.4	8.6	62	78	94	78	10 sk	10 n	10 n	10.0	2.10	1.8
5	22.4	23.1	22.7	22.7	26.4	22.0	4.4	96	89	98	94	9 kn	10 n	10 n	9.7	0.00	1.7
6	22.2	28.7	24.3	25.1	29.9	21.9	8.0	98	73	90	87	10 n	10 sk	10 c, kc	10.0	5.30	2.8
7	23.1	30.8	24.4	26.1	31.2	22.4	8.8	93	55	89	79	10 kc	8 c, k	10 n	9.3	5.90	6.6
8	23.5	29.6	25.5	26.2	31.0	22.7	8.3	85	70	92	82	5 k	8 k	5 kc	6.0	7.90	4.6
9	20.5	28.0	20.0	22.8	28.1	18.8	9.3	95	48	84	76	7 c	5 sk	0 —	4.0	13.10	6.5
10	15.6	27.6	21.6	21.6	28.7	15.0	13.7	94	50	87	77	5 cs	2 kc	5 c	4.0	12.50	6.1
11	17.5	31.0	25.6	24.7	31.7	17.0	14.7	90	50	85	75	0 —	8 kc	10 cs	6.0	10.10	5.0
12	23.8	24.2	22.2	23.4	26.8	22.2	4.6	93	87	98	93	10 n	10 n	10 n	10.0	0.00	2.3
13	20.7	25.1	21.0	22.3	26.0	20.4	5.6	98	76	96	90	10 n	9 sk	0 —	6.3	2.90	3.1
14	18.0	26.8	20.0	21.6	27.8	17.2	10.6	96	71	89	85	5 k	10 sk	10 n	8.3	5.50	3.6
15	18.7	26.8	21.2	22.2	27.1	18.2	8.9	92	55	85	77	3 c	5 k	5 sk	4.3	10.55	6.5
16	18.0	25.8	20.5	21.4	26.5	17.7	8.8	94	65	92	84	0 —	6 k	2 c	2.7	11.10	6.1
17	17.8	27.6	20.4	21.9	28.6	17.4	11.2	97	53	90	80	5 k	5 k	4 k	4.7	10.30	6.3
18	19.2	26.1	19.0	21.4	28.0	18.7	9.3	98	70	91	86	10 n	10 sk	10 n	10.0	5.80	5.4
19	18.5	21.4	19.0	19.6	24.0	18.0	6.0	95	81	94	90	10 n	10 sk	4 kc	8.0	4.45	2.7
20	18.5	26.5	21.6	22.2	27.2	17.4	9.8	94	63	89	82	8 sc	7 k	10 sk	8.3	11.00	3.0
21	18.5	26.8	21.4	22.2	27.7	18.0	9.7	98	66	89	84	6 kc, k	10 k, kc	10 n	8.7	6.20	3.7
22	18.5	21.5	20.9	20.3	23.7	18.2	5.5	97	86	96	93	10 n	10 n	1 n	7.0	1.00	1.8
23	19.2	20.7	19.2	19.7	25.3	18.6	6.7	100	95	97	97	5 n	10 n	3 k	6.0	4.20	3.4
24	17.5	25.1	20.4	21.0	25.8	16.7	9.1	98	61	90	83	3 k	7 k	5 k	5.0	8.3	[illegible]
25	16.7	28.3	21.6	22.2	28.8	16.1	12.7	98	47	94	8[illegible]	5 c	3 c, k	10 c	6.0	10.0	[illegible]
26	20.7	17.[illegible]	14.6	17.6	21.7	14.2	7.5	96	94	96	95	10 n	10 n	0 —	6.7	1.3	[illegible]
27	10.6	26.8	17.2	18.2	27.0	10.0	17.0	97	51	87	78	0 —	0 —	0 —	0.0	12.6	[illegible]
28	13.7	28.0	18.5	20.1	29.0	13.1	15.9	99	49	89	79	0 —	8 cs	0 —	2.7	12.20	[illegible]
29	14.6	27.1	20.0	20.6	28.5	14.2	14.3	96	59	95	83	2 k	0 —	0 —	0.7	12.0	[illegible]
30	18.2	29.6	20.0	22.6	30.0	16.1	13.9	97	41	62	67	0 —	2 c	0 —	0.7	12.0	[illegible]
31	15.6	29.0	20.4	21.7	29.1	14.6	14.5	82	44	86	71	0 —	0 —	5 c	1.7	12.4	[illegible]
平均 Mean	19.2	26.8	21.4	22.4	28.1	18.3	9.9	94	65	90	83	5.8	7.0	5.7	6.2	243.5	[illegible]

* 重力ノ更正　Reduction to standard gravity……— 0.2
海面ニノ更正　Reduction to mean sea level……+ 3.1

鄭家屯

CHENGCHIATUN.

昭和五年八月 AUGUST, 1930.

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	49.6	49.1	49.5	49.4	—	0.0	WSW	3.3	SW	1.9	1.2	—	—	—	—
2	48.8	48.3	48.6	48.6	SW	3.3	WSW	5.2	WSW	5.0	4.1	—	—	—	—
3	48.4	48.7	47.0	48.0	SW	4.3	WNW	3.8	E	1.5	2.9	—	1.1	6.3	7.4
4	44.6	44.9	45.6	45.0	SW	1.6	NE	1.5	ENE	1.0	2.0	14.4	31.5	48.7	94.6
5	46.0	45.6	47.1	46.2	ENE	0.8	NE	3.0	NE	0.5	2.0	57.0	22.4	0.0	79.4
6	48.6	49.5	49.2	49.1	ENE	0.6	S	0.5	SE	0.8	0.4	—	—	—	—
7	48.5	48.3	47.1	48.0	S	0.5	SSW	4.9	WSW	5.1	1.8	—	0.2	16.3	16.5
8	48.0	47.9	45.4	47.1	WSW	3.2	WSW	3.5	NNW	2.2	3.3	—	—	—	—
9	51.4	51.0	49.9	50.8	NE	2.1	NNE	1.4	ENE	0.9	1.7	—	—	—	—
10	48.3	47.7	46.0	47.3	—	0.0	SE	0.5	—	0.0	0.5	—	—	—	—
11	45.3	43.6	43.3	44.1	SE	1.0	SSW	2.2	SE	1.8	1.2	—	0.1	0.1	0.2
12	41.4	40.4	40.8	40.9	SSE	1.8	W	4.1	—	0.0	1.9	17.1	8.7	82.1	107.9
13	40.9	41.7	42.5	41.7	NNW	1.7	NNE	2.3	—	0.0	1.3	2.7	0.1	—	2.8
14	42.9	41.9	44.7	43.2	—	0.0	NNE	2.2	WNW	0.6	1.0	—	—	13.5	13.5
15	45.7	44.6	44.3	44.9	—	0.0	NW	2.3	SE	1.2	1.5	—	—	—	—
16	45.3	43.6	43.9	44.3	—	0.0	N	2.2	—	0.0	1.5	—	—	0.2	0.2
17	43.4	42.1	39.9	41.8	—	0.0	E	0.5	—	0.0	0.2	—	—	—	—
18	40.6	39.1	40.3	40.0	—	0.2	WNW	0.6	ENE	3.1	1.4	22.7	—	—	22.7
19	41.2	40.7	42.0	41.3	NNE	2.6	NNW	2.7	—	0.0	1.9	—	4.4	—	4.4
20	43.1	42.3	43.0	42.8	—	0.4	WNW	2.1	—	0.0	1.3	—	—	2.3	2.3
21	44.0	42.9	42.8	43.2	—	0.0	NNE	0.5	NNE	3.7	0.5	—	—	49.7	49.7
22	42.4	41.6	41.6	41.9	—	0.0	—	0.0	N	2.6	1.3	0.4	12.5	7.2	20.1
23	43.2	44.1	45.3	44.2	NNW	2.3	NW	2.5	WNW	1.9	1.9	0.5	0.0	—	0.5
24	47.1	46.9	48.3	47.4	WNW	1.4	WSW	1.8	—	0.4	1.8	—	—	—	—
25	49.0	48.1	47.9	48.3	—	0.0	SSW	3.4	ESE	2.7	1.3	—	—	—	—
26	46.1	46.6	48.7	47.1	N	5.4	WNW	3.2	S	2.0	2.1	4.6	18.5	—	23.1
27	50.8	50.5	51.6	51.0	S	1.6	SSW	3.0	SSW	1.6	2.2	—	—	—	—
28	51.8	51.7	51.9	51.8	S	1.3	SW	3.7	SSW	0.5	2.1	—	—	—	—
29	53.4	51.0	51.7	52.0	SSE	0.5	SSW	0.9	—	0.0	0.4	—	—	—	—
30	49.9	46.8	47.4	48.0	S	0.5	SSW	5.3	SSW	4.1	2.5	—	—	—	—
31	48.5	50.4	50.5	49.8	SSW	3.4	WNW	2.9	—	0.0	2.5	—	—	—	—
平均 Mean	46.4	45.9	46.1	46.1		1.3		2.5		1.5	1.7	119.4	99.5	226.4	445.3

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	22.2	32.8	26.0	27.0	32.9	20.6	12.3	93	51	73	72	6 c	6 cs	8 c, sc	6.7	9.55	6.9
2	23.3	30.7	26.8	26.9	31.6	23.2	8.4	89	59	70	73	10 c, cs	8 kn	0 —	6.0	11.81	6.5
3	25.1	25.8	23.1	24.7	27.9	23.0	4.9	89	89	94	91	10 n	10 ≡	10 ≡	10.0	0.00	2.6
4	22.2	22.4	21.5	22.0	24.1	21.0	3.1	96	96	99	97	10 ≡	10 ≡	10 ≡	10.0	0.00	0.0
5	21.7	22.8	22.8	22.4	24.6	21.1	3.5	97	91	93	94	10 ≡	10 n	10 kc	10.0	1.85	2.1
6	21.7	26.8	25.1	24.5	28.1	21.7	6.4	96	70	90	85	10 n, sk	8 kc, kn	4 k, sc	7.3	6.97	4.6
7	23.4	28.6	24.6	25.5	28.8	23.1	5.7	96	67	90	84	6 kc	10 n, kn	10 n	8.7	4.27	6.5
8	24.3	30.2	24.8	26.4	30.4	24.2	6.2	91	70	75	79	10 n	2 k, kc	0 —	4.0	8.16	5.6
9	18.9	27.0	21.0	22.3	27.5	18.7	8.8	87	39	75	67	0 —	0 —	0 —	0.0	12.98	5.5
10	18.8	26.9	21.8	22.5	27.9	17.8	10.1	91	41	82	71	9 n, kc	0 —	0 c	3.0	9.94	5.6
11	18.5	27.2	24.9	23.5	27.6	18.2	9.4	88	63	87	79	0 —	10 n, sk	10 n	6.7	4.84	3.7
12	21.9	24.8	20.6	22.4	25.1	19.5	5.6	96	86	96	93	10 n	10 ≡	10 ≡	10.0	0.00	3.7
13	19.7	22.1	20.6	20.8	22.8	19.5	3.3	99	87	97	94	10 ≡	10 n	0 —	6.7	0.00	1.7
14	18.1	26.4	22.1	22.2	26.7	18.1	8.6	99	73	93	88	10 ≡	10 n	10 n	10.0	4.11	5.2
15	18.7	25.2	21.2	21.7	27.1	18.4	8.7	89	54	90	78	0 —	3 k, kn	0 —	1.0	10.13	4.8
16	18.9	24.6	22.2	21.9	25.8	18.6	7.2	99	67	83	83	10 ≡	3 k	0 —	4.3	8.94	4.7
17	20.2	25.9	23.4	23.2	27.8	20.1	7.7	96	58	79	78	10 sk	7 k, kn	9 n	8.7	8.37	6.0
18	18.8	26.0	21.0	21.9	26.4	17.7	8.7	95	60	86	80	6 sk	8 k, kn	10 n	8.0	10.18	4.2
19	18.4	21.7	20.3	20.1	24.5	18.2	6.3	91	72	87	83	10 n	10 n, kn	0 —	6.7	4.91	3.5
20	18.5	24.8	21.6	21.6	25.9	18.3	7.6	97	60	92	83	8 kc	8 c, kn	0 —	5.3	7.79	3.9
21	19.0	25.1	19.0	21.0	25.2	18.4	6.8	96	73	89	86	5 c	10 n, kn	10 ≡	8.3	1.88	3.1
22	19.0	21.9	19.9	20.3	22.5	18.7	3.8	98	90	97	95	6 n	10 n, kn	10 ≡	8.7	0.42	2.5
23	18.0	22.4	19.2	19.9	23.3	17.8	5.5	95	73	90	86	10 n	9 kn	0 —	6.3	2.08	2.8
24	17.5	24.2	21.2	21.0	25.8	17.4	8.4	95	58	89	81	10 n	10 n, kn	0 —	6.7	6.19	3.1
25	18.3	28.0	21.2	22.5	28.4	17.9	10.5	98	57	87	81	6 c, cs	2 c	0 —	2.7	8.34	5.5
26	16.3	16.9	16.8	16.7	22.1	15.4	6.7	91	87	93	91	10 n	10 n	0 —	6.7	3.69	2.2
27	14.8	25.2	20.5	20.2	26.2	14.8	11.4	98	57	92	82	0 —	0 —	0 —	0.0	11.45	4.6
28	19.0	27.8	22.6	23.1	29.1	17.7	11.4	95	55	82	77	10 n	0 —	0 —	3.3	10.71	4.5
29	18.5	27.2	21.3	22.3	28.8	18.4	10.4	98	60	89	82	0 —	0 —	0 —	0.0	9.23	4.3
30	19.5	29.3	22.7	23.8	30.0	19.4	10.6	99	41	66	69	10 n	0 —	1 sc	3.7	11.08	6.0
31	20.1	26.3	22.1	22.8	27.6	19.8	7.8	92	58	93	81	8 n	10 k, sc	0 —	6.0	9.38	3.8
平均 Mean	19.8	25.7	22.0	22.5	26.9	19.2	7.6	95	67	87	83	7.4	6.6	3.9	6.0	199.75	129.7

* 重力ノ眞正 Reduction to standard gravity ..... — 0.1
海面ヘノ眞正 Reduction to mean sea level ..... + 10.1

洮南

TONAN.

昭和五年八月 AUGUST, 1930.

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	45.4	43.6	42.1	43.7	NE	2.9	SSW	6.2	S	8.5	4.5	—	—	—	—
2	42.1	40.6	41.0	41.2	SSW	5.5	SSW	2.5	S	7.6	5.2	—	—	0.0	0.0
3	44.5	43.4	42.9	43.6	SSW	1.2	NNE	4.7	S	2.3	3.4	—	—	—	—
4	40.5	40.8	42.0	41.1	—	0.2	NNW	4.8	ESE	1.3	2.6	1.3	—	—	1.3
5	41.9	42.3	43.3	42.5	NNE	2.7	NE	4.7	E	0.6	2.6	—	—	—	—
6	44.7	45.1	44.3	44.7	WNW	0.8	NE	2.7	S	0.6	1.6	—	—	1.2	1.2
7	43.6	44.3	40.8	42.9	E	1.6	SSW	3.4	N	1.4	1.8	11.2	1.3	38.8	51.3
8	42.1	42.9	46.4	43.8	SSW	1.2	WNW	3.9	WNW	2.4	2.7	—	—	—	—
9	47.8	47.5	45.4	46.9	WNW	2.6	N	1.8	E	2.2	2.5	—	—	—	—
10	43.9	42.7	41.7	42.8	S	2.0	SW	3.7	S	2.9	2.5	—	—	—	—
11	41.2	39.5	39.8	40.2	SSE	2.2	E	4.7	ESE	3.8	4.4	—	—	1.4	1.4
12	37.8	37.1	36.8	37.2	E	6.1	N	5.3	NNW	5.8	5.1	36.7	5.1	1.4	43.2
13	37.2	37.4	37.8	37.5	NNW	4.8	NW	3.5	ESE	2.6	3.4	—	—	—	—
14	37.6	38.3	39.0	38.3	SSE	1.4	ESE	3.2	E	1.5	2.1	—	28.4	1.1	29.5
15	40.1	39.2	39.8	39.7	SW	1.8	NW	2.6	NE	1.9	2.2	—	0.1	0.1	0.2
16	41.0	39.5	38.9	39.8	NNW	3.4	NNW	3.0	N	1.6	2.9	—	—	1.1	1.1
17	38.9	36.9	36.9	37.6	N	0.8	NNE	1.2	E	2.3	1.7	—	—	5.9	5.9
18	36.4	36.0	37.3	36.6	N	2.1	NNE	1.6	NNW	3.8	1.6	11.8	—	—	11.8
19	35.9	35.9	37.3	36.4	NW	4.2	NNE	2.9	N	2.6	2.7	0.1	1.5	0.8	2.4
20	37.9	37.0	38.9	37.9	N	3.5	NW	6.7	WNW	3.8	4.1	—	0.7	—	0.7
21	38.5	38.4	39.0	38.6	NW	1.8	NW	1.2	ESE	2.1	1.5	—	—	—	—
22	39.3	38.7	40.2	39.4	NW	4.6	NNE	5.8	NE	7.3	4.5	3.9	7.0	1.0	11.9
23	40.5	40.4	40.2	40.4	N	6.7	NNW	7.6	NNW	7.0	5.8	6.2	3.3	5.0	14.5
24	40.8	41.7	44.0	42.2	W	5.3	NW	7.0	NW	2.0	4.7	1.3	0.7	—	2.0
25	44.3	43.1	38.7	42.0	NW	0.6	ESE	4.3	ENE	1.9	2.2	—	0.2	15.5	15.7
26	42.6	42.0	42.0	42.2	WNW	3.8	WNW	4.1	SE	2.6	2.9	12.5	7.7	—	20.2
27	43.9	43.8	44.3	44.0	SSE	3.6	SSW	5.8	SSE	5.5	4.9	—	—	—	—
28	44.9	45.3	47.4	45.9	SSE	3.0	W	2.6	E	2.0	2.2	—	—	—	—
29	48.7	47.4	45.1	47.1	ENE	3.3	ENE	4.1	ESE	2.9	2.9	—	—	—	—
30	42.6	39.7	41.6	41.1	SSE	2.7	SSW	7.3	S	7.1	4.4	—	—	—	—
31	44.5	46.4	47.5	46.1	NNW	2.0	NNW	2.6	NE	2.2	2.5	3.9	—	—	3.9
平均 Mean	41.6	41.2	41.3	41.4		2.9		4.0		3.3	3.2	88.9	56.0	73.3	218.2

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	18.4	32.1	28.2	26.2	34.2	17.2	17.0	79	88	57	75	0 —	10 sc	8 kn	6.0	10.80	15.3
2	23.4	36.3	30.7	30.1	37.4	23.2	14.2	76	29	54	53	7 c	2 c	0 —	3.0	12.04	12.5
3	23.8	26.9	23.5	24.7	30.6	23.0	7.6	77	55	82	71	10 kc	10 sk	10 kn	10.0	2.34	3.8
4	21.7	25.7	22.3	23.2	27.4	21.4	6.0	91	96	92	93	10 n	10 kn	10 cs	10.0	2.80	4.1
5	20.7	28.9	24.1	24.6	30.0	20.2	9.8	97	46	74	72	7 sk	5 kn	0 —	4.0	11.50	6.9
6	20.7	29.2	23.7	24.5	29.6	20.4	9.2	86	49	86	74	10 kn	10 kn	10 sk	10.0	4.03	2.0
7	22.0	23.3	21.7	22.3	27.4	21.2	6.2	95	92	94	94	10 n	10 n	10 n	10.0	1.91	1.3
8	20.9	28.9	21.1	23.6	30.8	20.0	10.8	97	67	62	75	10 n	3 sk	0 —	4.3	10.15	6.4
9	13.2	24.3	21.1	19.5	25.8	13.0	12.8	80	44	74	66	0 —	4 s	10 sk	4.7	9.27	5.3
10	15.8	28.4	21.9	22.0	29.4	15.8	13.6	90	36	69	65	5 c	5 c	0 —	3.3	12.28	6.5
11	19.4	24.3	20.5	21.4	25.4	15.8	9.6	89	60	96	82	9 sk	10 kn	10 n	10.0	1.24	3.2
12	18.1	19.9	18.7	18.9	20.6	16.6	4.0	94	96	98	96	10 n	10 n	10 n	10.0	0.00	0.4
13	17.5	22.8	20.1	20.1	24.8	17.4	7.4	99	71	67	79	10 n	10 kn	0 —	6.7	5.55	5.4
14	18.2	20.9	19.2	19.4	24.6	16.0	8.6	96	74	90	87	3 kn	7 c	0 —	3.3	6.59	3.1
15	15.6	22.9	19.7	19.4	24.3	15.3	9.0	99	73	91	88	4 sk	10 n	0 —	4.7	5.51	3.2
16	17.1	23.2	20.1	20.1	24.2	16.4	7.8	98	70	89	86	10 n	8 kn	0 —	6.0	8.10	4.1
17	16.6	24.7	18.8	20.0	26.2	16.3	9.9	96	61	94	84	8 c	9 kn	10 n	9.0	8.14	1.9
18	18.1	19.5	17.9	18.5	20.0	17.3	2.7	100	85	88	91	10 n	10 n	10 n	10.0	2.13	2.3
19	17.4	21.1	19.9	19.5	22.8	17.0	5.8	95	80	93	89	10 n	10 n	10 n	10.0	4.63	2.1
20	17.1	21.5	18.9	19.2	23.2	16.9	6.3	99	86	93	91	10 n	10 n	0 —	6.7	6.50	3.1
21	18.7	23.4	21.2	21.1	25.8	18.2	7.6	97	73	87	86	10 sk	10 n	0 —	6.7	3.70	2.5
22	17.8	21.7	17.8	19.1	22.2	17.7	4.5	92	87	92	90	10 n	10 n	10 n	10.0	0.45	1.5
23	16.9	17.9	17.3	17.4	18.0	16.7	1.3	95	93	98	95	10 n	10 n	10 n	10.0	0.00	1.3
24	17.0	20.0	17.1	18.0	20.8	16.5	4.3	96	80	93	90	10 n	10 n	0 —	6.7	1.63	2.3
25	14.9	23.7	19.9	19.5	25.2	14.6	10.6	97	70	96	88	8 sk	10 kn	10 n	9.3	5.01	1.6
26	14.7	18.6	16.6	16.6	21.6	14.6	7.0	96	76	87	86	10 n	10 kn	0 —	6.7	5.37	2.5
27	13.7	26.1	19.5	19.8	26.6	13.6	13.0	97	41	87	75	3 kc	0 —	0 —	1.0	12.48	6.3
28	17.1	27.3	22.2	22.2	30.3	16.8	13.5	96	59	74	76	4 kc	0 —	0 —	1.3	12.42	4.5
29	17.0	27.5	22.0	22.2	28.0	16.9	11.1	90	49	87	75	0 —	0 —	0 —	0.0	12.45	1.3
30	18.4	29.0	24.1	23.8	30.3	17.8	12.5	94	39	64	66	7 sk	6 c	10 n	7.7	11.51	10.5
31	16.9	22.3	16.8	18.7	26.2	16.5	9.7	72	36	71	60	6 sk	10 n	0 —	5.3	9.67	3.2
平均 Mean	18.0	24.6	20.9	21.1	26.2	17.4	8.8	92	66	85	81	7.5	7.7	4.8	6.6	200.20	141.5

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

齊々哈爾

昭和五年八月 TSITSIKHAR. AUGUST, 1930.

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	43.6	44.1	41.2	44.0	ENE	1.7	SSE	2.8	S	3.3	2.5	—	—	—	—
2	39.4	39.5	40.0	39.6	SW	3.0	SW	7.9	—	0.4	3.2	1.0	—	—	1.0
3	42.6	42.9	42.4	42.6	N	2.9	NNE	8.2	NNE	2.6	4.4	1.0	—	—	1.0
4	41.4	40.7	41.5	41.2	—	0.0	ENE	1.1	ESE	1.3	2.0	—	—	—	—
5	42.0	42.3	43.2	42.5	NNE	1.6	—	0.0	NE	2.7	2.5	—	—	—	—
6	45.6	44.8	44.9	45.1	NE	1.8	E	2.9	SE	2.0	2.6	—	—	—	—
7	44.4	41.8	40.2	42.1	SSE	1.3	S	2.5	E	0.8	1.9	2.8	6.6	13.9	23.3
8	39.7	42.4	44.1	42.1	NNW	2.5	WNW	9.6	WNW	3.4	4.4	—	—	—	—
9	46.6	45.9	44.4	45.6	NW	3.8	WNW	2.3	SW	2.5	3.9	—	—	—	—
10	43.4	42.0	41.6	42.3	WNW	2.3	WNW	1.7	SE	1.6	1.3	—	—	—	—
11	41.4	42.3	41.9	41.9	SSE	3.7	ESE	4.2	NE	4.4	3.2	—	0.0	0.6	0.6
12	41.0	39.6	38.5	39.7	NE	4.7	NE	5.9	NNE	6.7	5.1	19.8	2.9	3.4	26.1
13	36.7	34.7	36.9	36.1	NNE	6.1	NNW	3.9	W	2.9	4.0	1.3	9.1	3.3	13.7
14	37.9	38.1	38.6	38.2	SE	0.9	WSW	1.3	NNE	1.0	1.5	—	18.1	—	18.1
15	39.5	39.2	39.7	39.5	N	3.0	NNE	0.5	NNW	3.0	1.1	0.1	0.0	0.0	0.1
16	40.3	39.3	38.4	39.3	—	0.0	NNW	4.5	N	2.4	2.7	—	—	—	—
17	38.0	37.0	37.3	37.4	N	2.5	NE	2.0	NNE	1.8	2.5	—	—	—	—
18	37.3	36.6	36.8	36.9	NNE	3.4	NE	4.4	NNE	3.3	3.1	—	—	0.6	0.6
19	36.5	36.1	37.9	36.8	NE	3.9	ENE	5.3	NE	4.6	4.4	8.3	2.7	3.5	14.5
20	36.7	37.1	38.6	37.5	NNE	6.6	NNE	6.1	NNE	6.4	5.6	5.9	4.7	—	10.6
21	38.9	39.4	40.9	39.7	ENE	4.6	E	5.3	ENE	3.3	4.3	0.3	0.1	0.5	0.9
22	40.6	41.2	42.1	41.3	NE	3.9	E	4.6	NE	2.3	3.7	—	—	0.5	0.5
23	41.7	40.9	40.1	40.9	NE	5.5	NNE	5.6	NNE	5.3	5.8	0.3	3.5	7.6	11.4
24	41.0	41.2	42.2	41.5	NNE	6.0	—	0.0	N	4.2	3.9	6.2	0.6	5.7	12.5
25	42.7	43.2	43.0	43.0	NW	4.1	SW	1.8	SSE	1.6	2.5	—	—	—	—
26	39.3	39.4	42.1	40.3	NNW	2.7	NNW	5.8	—	0.0	2.4	18.1	27.0	3.0	48.1
27	42.9	43.0	43.7	43.2	SSE	4.5	SSW	6.8	S	6.1	4.5	0.2	—	—	0.2
28	44.1	45.3	47.8	45.7	S	1.6	WNW	1.6	NNW	2.2	2.0	—	—	—	—
29	49.0	47.5	45.6	47.4	NNW	2.2	NW	1.2	SE	2.7	1.7	—	—	—	—
30	42.7	39.9	37.1	39.9	SE	5.4	SSW	4.7	S	5.6	4.2	—	—	—	—
31	42.4	46.0	47.6	45.3	WNW	3.9	WSW	5.3	SSW	2.2	3.7	—	—	—	—
平均 Mean	41.4	41.1	41.3	41.2		3.2		3.9		3.0	3.2	65.3	75.3	42.6	183.2

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	16.5	28.7	24.0	23.1	31.5	16.5	15.0	87	44	67	66	8 c	10 cs	9 cs	9.0	12.22	6.1
2	23.0	31.5	25.4	26.6	32.8	23.0	9.8	93	58	87	79	10 n	10 ck	5 ck	8.3	1.20	7.0
3	17.6	27.1	23.5	22.7	27.9	17.8	10.1	91	59	76	75	9 sk	9 sc	8 sc	8.7	9.88	5.4
4	17.5	24.9	23.1	21.8	27.7	16.7	11.0	89	85	89	88	10 kn	10 kc	7 kc	9.0	7.70	7.0
5	20.0	28.6	24.5	24.4	30.5	19.5	11.0	90	53	70	71	1 ck	8 kn	0 —	3.0	11.99	7.5
6	19.6	27.8	24.5	24.0	29.3	19.0	10.3	93	66	82	80	0 —	10 kn	10 kn	6.7	6.10	4.6
7	21.7	28.1	22.0	23.9	29.1	21.7	7.4	93	71	95	86	10 n	8 kn	10 n	9.3	2.15	4.0
8	21.8	27.5	18.4	22.6	28.2	18.4	9.8	87	49	85	74	10 kn	6 c	0 —	5.3	9.60	9.0
9	13.9	24.1	19.0	19.0	26.5	13.9	12.6	80	43	78	67	0 —	2 c	10 sk	4.0	12.10	6.5
10	17.3	26.4	20.7	21.5	28.4	16.7	11.7	87	53	79	74	9 ck	2 c	0 —	3.7	12.70	4.8
11	18.2	22.1	19.1	19.8	23.2	17.6	5.6	75	75	84	78	10 kc	10 n	10 n	10.0	0.00	2.9
12	15.1	16.6	17.9	16.5	19.3	14.5	4.8	94	95	94	95	10 n	10 n	10 n	10.0	0.00	1.3
13	16.6	17.9	15.6	16.7	20.0	15.6	4.4	98	97	93	96	10 n	10 n	0 —	6.7	0.42	2.3
14	15.5	22.0	19.0	18.8	22.9	14.1	8.8	95	80	94	90	9 kn	10 kn	7 sk	8.7	0.00	2.9
15	17.5	22.5	19.1	19.7	23.9	17.2	6.7	95	76	93	88	10 n	9 kn	5 kn	8.0	4.05	3.6
16	18.0	22.0	18.7	19.6	24.4	17.5	6.9	97	85	98	93	10 kn	10 kn	0 —	6.7	6.80	4.6
17	14.6	23.6	19.4	19.2	24.6	14.8	9.8	93	66	80	80	1 ck	5 k	2 k	2.7	6.93	3.8
18	15.1	21.1	18.7	18.3	22.2	15.1	7.1	95	81	95	90	10 kn	10 kn	10 n	10.0	3.20	1.6
19	17.6	22.1	19.1	19.6	24.6	17.4	7.2	93	79	93	88	10 n	9 kn	10 n	9.7	1.30	2.6
20	18.0	21.3	19.0	19.4	22.5	17.8	4.7	98	87	92	92	0 n	10 kn	10 kn	10.0	3.30	2.8
21	17.6	22.0	20.3	20.0	22.5	17.5	5.0	94	81	97	91	10 n	10 n	8 n	9.3	0.95	1.7
22	18.1	22.5	19.7	20.1	22.9	17.3	5.6	95	85	97	92	10 ck	10 kn	10 kn	10.0	1.10	1.6
23	17.5	18.6	18.6	18.2	20.3	17.5	2.8	96	97	98	97	10 n	10 n	10 n	10.0	0.00	1.9
24	16.1	19.9	18.2	18.1	20.5	16.0	4.5	99	93	98	98	10 n	10 n	10 n	10.0	0.00	3.1
25	16.6	22.1	20.6	19.8	24.8	16.5	8.3	94	74	87	85	10 n	8 k	9 n	9.0	5.10	5.4
26	16.9	14.6	12.5	14.7	21.0	12.5	8.5	96	95	99	97	10 n	10 n	0 —	6.7	0.00	2.8
27	12.1	23.2	20.0	18.4	25.2	12.1	13.1	97	65	89	84	10 n	0 —	1 kn	3.7	11.90	4.4
28	16.0	25.5	18.7	20.1	25.8	16.0	10.8	98	80	97	92	1 sk	7 c	0 —	2.7	10.20	4.8
29	12.4	23.5	19.6	18.5	23.0	12.4	13.6	93	51	78	74	0 —	10 kn	0 —	3.3	0.00	4.1
30	17.5	27.5	21.0	22.0	28.5	17.4	11.1	89	77	92	86	2 sk	10 cs	7 kc	6.3	10.60	5.5
31	13.1	20.0	15.0	16.0	22.6	13.4	9.2	91	50	88	76	1 ck	9 cs	0 —	3.3	11.56	4.2
平均 Mean	17.1	23.4	19.8	20.1	25.2	16.6	8.6	92	73	89	85	7.5	8.5	5.7	7.2	164.05	129.8

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

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印刷所　小林又七支店

昭和五年十一月

滿洲氣象表

REPORT

OF THE

METEOROLOGICAL OBSERVATIONS

MADE AT THE

METEOROLOGICAL STATIONS

IN

MANCHURIA.

NOVEMBER, 1930.

PUBLISHED BY THE METEOROLOGICAL OBSERVATORY, DAIREN.

凡　例

本編ハ昭和五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, 1930.

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 uwous 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

昭和五年十一月　　DAIREN.　　NOVEMBER, 1930.

氣壓 ※(粍) AIR PRESSURE. (mm) (700 mm +)

Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	52.4	52.3	53.9	53.0	54.4	55.7	53.6
2	56.2	56.0	56.9	56.8	58.3	59.5	57.3
3	59.0	59.9	60.8	60.1	60.9	62.4	60.5
4	63.1	62.2	62.8	61.4	61.8	62.7	62.3
5	62.3	61.8	62.5	60.7	60.2	59.7	61.2
6	59.1	57.9	58.1	56.4	56.1	56.1	57.3
7	55.5	54.5	55.0	53.2	53.3	52.6	54.0
8	52.8	52.6	53.4	52.0	52.1	52.3	52.5
9	52.2	53.3	55.3	55.2	56.7	58.1	55.1
10	57.8	56.9	56.4	54.2	55.4	58.9	56.6
11	60.3	60.6	62.5	62.9	63.9	63.8	62.3
12	62.3	59.8	60.7	61.1	63.0	63.9	61.8
13	63.8	62.7	62.6	60.2	60.6	61.7	61.9
14	62.1	63.9	65.9	64.5	64.6	64.5	64.3
15	62.7	60.6	61.9	62.1	63.9	64.8	62.7
16	65.0	64.9	65.8	63.7	63.6	63.0	64.3
17	62.0	61.6	62.2	62.0	63.0	63.6	62.4
18	63.0	61.9	61.2	58.7	57.3	55.8	59.7
19	54.4	54.2	54.4	53.8	55.3	56.3	54.7
20	56.5	56.1	57.6	56.4	56.3	55.3	56.4
21	53.7	52.2	52.3	52.1	54.3	55.3	53.3
22	56.0	56.6	58.5	57.9	59.9	60.6	58.3
23	61.1	61.4	62.3	61.4	62.9	63.7	62.1
24	64.0	64.7	65.7	64.1	64.9	64.7	64.7
25	64.3	63.6	63.5	61.8	61.9	61.9	62.8
26	61.7	61.6	62.8	61.9	62.8	63.4	62.4
27	63.3	63.1	64.0	63.0	63.9	64.7	63.7
28	63.2	60.5	58.5	55.3	54.3	54.9	57.8
29	56.0	56.1	57.7	56.4	57.3	58.3	57.0
30	59.5	59.6	61.6	60.9	62.5	63.3	61.2
31							
平均 Mean	59.5	59.1	59.9	58.8	59.5	60.1	59.5

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	NW	5.9	NW	7.6	NW	10.8	NW	9.6	NW	7.0	NW	7.9	8.1
2	NW	9.6	NW	8.4	NW	12.7	NW	11.4	NW	6.4	NW	11.1	9.6
3	NW	4.0	NW	4.7	NW	7.7	NW	9.5	NW	8.3	NW	7.8	8.5
4	NW	6.1	NW	6.7	NW	9.3	NW	8.6	NW	5.0	NW	6.7	7.0
5	WNW	4.7	WNW	3.4	NW	2.3	WSW	5.1	SW	5.0	SSW	7.4	3.6
6	SW	6.4	SW	5.3	SSW	7.6	S	7.7	SSW	5.5	SSW	5.7	7.3
7	SSW	5.8	S	5.3	SSW	7.8	SSW	6.7	S	4.3	S	3.0	5.2
8	SSW	6.2	SSW	5.1	SW	6.4	SSW	6.2	S	1.9	—	0.1	4.5
9	NNW	3.5	N	7.0	N	11.6	N	9.9	N	7.6	N	5.1	7.7
10	N	3.3	NNW	2.8	S	2.4	SSW	7.0	NW	8.3	N	9.6	5.0
11	N	6.7	NE	3.0	NNW	3.9	NNW	3.8	NW	4.7	W	2.5	5.8
12	SW	3.6	WSW	5.2	NNW	5.5	N	6.4	N	4.9	NE	4.6	4.9
13	NE	5.5	ESE	4.0	SSE	5.5	SSW	8.3	SSW	3.1	NE	4.1	4.9
14	NE	3.2	NNE	2.9	N	4.8	N	5.0	NE	1.3	ESE	3.2	3.9
15	ENE	5.8	ENE	6.9	ENE	7.7	N	5.5	NNW	6.0	NNW	6.5	6.1
16	NNE	4.1	NNW	2.8	N	3.0	NE	2.4	SE	3.2	SE	1.7	3.2
17	—	0.0	ENE	4.1	NE	3.0	N	5.3	N	3.1	NNW	1.2	2.6
18	ESE	3.5	ENE	1.1	S	6.9	S	9.0	S	9.6	S	11.7	5.7
19	W	2.3	NW	2.5	SW	6.2	WSW	3.3	NNW	10.0	NNW	8.1	5.6
20	NNW	6.4	NNW	9.9	N	7.3	NNW	5.6	NNW	3.7	WSW	5.5	6.6
21	SW	5.1	W	4.2	NW	4.3	N	7.1	N	6.0	N	7.0	5.7
22	N	6.8	NNW	7.6	N	7.6	NNW	6.0	N	3.9	NNW	0.5	6.4
23	NNE	4.3	N	4.1	N	4.7	N	7.0	N	5.8	N	3.8	4.9
24	N	9.0	N	5.8	NNW	6.1	NNW	9.0	N	5.4	N	2.4	6.1
25	N	1.2	N	2.4	NNW	0.5	NNW	2.4	NW	2.7	WSW	2.7	2.1
26	W	2.7	W	1.3	NE	1.9	N	4.8	N	3.2	N	3.7	2.9
27	NNW	2.0	NNW	2.2	ENE	3.1	N	5.6	N	3.4	NNW	3.3	3.4
28	NNW	2.3	ESE	3.3	S	9.4	S	9.7	SSW	8.5	NW	4.7	5.5
29	NNW	5.0	NNW	7.7	N	6.2	N	4.9	NNW	5.3	NNW	9.2	5.4
30	N	9.6	N	8.2	N	9.0	N	12.0	N	7.4	NE	2.0	7.9
31													
平均 Mean		4.8		4.9		6.2		6.8		5.4		5.1	5.5

降水量 (粍) AMOUNT OF PRECIPITATION. (mm)

Day	22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	計 Total
1	—	—	0.0	0.0	0.0	0.0	0.0
2	—	—	—	—	—	—	—
3	—	—	0.0	0.0	0.0	—	0.0
4	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—
10	—	—	—	0.6	4.1	0.0	4.7
11	—	1.3	2.5	0.2	—	—	4.0
12	—	0.1	—	—	—	—	0.1
13	—	—	0.0	—	—	—	0.0
14	—	—	—	—	—	—	—
15	0.6	9.0	3.6	0.8	0.0	—	14.0
16	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—
18	—	—	—	—	—	0.0	0.0
19	1.0	—	—	—	0.0	0.0	1.0
20	0.0	—	0.0	0.0	—	—	0.0
21	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—
28	—	—	—	0.8	1.7	0.4	2.9
29	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—
31							
平均 Mean	1.6	10.4	6.1	2.4	5.8	0.4	26.7

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	5.1	3.9	5.2	4.4	3.7	3.0	4.2	5.8	2.9	2.9
2	3.0	3.4	4.7	4.8	3.1	2.4	3.6	5.8	2.0	3.8
3	0.4	98.2	99.6	99.8	0.4	0.4	99.8	2.5	97.8	4.7
4	0.3	0.0	4.4	4.6	3.6	4.7	2.9	5.2	99.5	5.7
5	4.7	5.2	8.3	11.7	8.5	9.9	8.1	12.8	4.6	8.2
6	10.2	9.8	12.9	13.9	10.3	10.4	11.3	14.8	9.2	5.6
7	10.5	10.7	14.9	15.5	11.7	11.0	12.4	16.4	10.3	6.1
8	11.0	10.9	13.8	15.1	11.2	10.6	12.1	16.0	10.6	5.4
9	9.0	6.2	5.6	3.6	99.6	98.2	3.7	10.7	98.0	12.7
10	98.5	97.6	6.7	5.0	3.3	97.8	1.5	9.0	96.7	12.3
11	96.6	93.9	94.4	95.9	96.0	97.0	95.6	97.8	93.3	4.5
12	99.1	3.3	3.9	1.1	97.8	97.5	0.5	4.2	96.6	7.6
13	98.1	0.2	3.3	8.5	5.6	1.4	2.9	8.9	97.0	11.9
14	0.0	99.4	1.1	2.0	1.0	2.7	1.0	2.8	98.5	4.3
15	2.5	2.8	99.8	0.3	99.4	98.7	0.6	4.0	98.5	5.5
16	98.4	97.8	0.9	2.8	2.5	4.5	1.2	4.6	97.2	7.4
17	4.1	4.7	7.1	5.7	3.0	0.6	4.2	7.6	0.6	7.0
18	1.8	2.0	10.5	12.0	12.0	11.5	8.3	12.5	0.6	11.9
19	8.6	5.9	8.7	7.9	2.7	1.3	5.9	11.8	1.2	10.6
20	1.0	1.4	1.0	1.5	1.2	3.5	1.6	3.7	0.1	3.6
21	4.0	4.6	7.1	5.4	2.7	0.8	4.1	7.7	0.6	7.1
22	99.0	98.8	99.3	99.6	97.8	97.4	98.7	0.8	97.0	3.8
23	97.0	96.2	97.4	98.8	96.6	96.6	97.1	99.2	95.9	3.3
24	97.4	95.9	99.2	99.6	97.8	96.9	97.8	0.2	95.7	4.5
25	97.4	99.2	2.0	4.5	1.7	2.0	1.1	4.7	96.5	8.2
26	2.1	0.6	4.2	3.5	99.3	97.8	1.3	5.7	97.6	8.1
27	97.1	96.8	0.0	0.6	98.2	97.0	98.3	1.0	96.0	5.0
28	96.3	98.9	3.3	5.7	6.6	4.9	2.6	6.9	95.5	11.4
29	1.0	98.9	0.5	0.8	98.1	96.4	99.3	5.0	96.2	8.8
30	96.4	95.2	96.0	98.0	95.9	95.0	96.1	98.0	94.6	3.4
31										
平均 Mean	1.7	1.4	3.9	4.4	2.4	1.7	2.6	6.2	99.4	6.8

濕度 (百分率) REL. HUMIDITY. (%)

Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	59	54	44	46	47	50	50
2	40	44	34	32	39	32	37
3	41	46	45	49	54	39	46
4	41	40	39	41	51	50	44
5	53	59	50	36	51	50	50
6	62	58	51	45	56	68	57
7	80	79	66	50	73	89	73
8	83	83	74	68	89	92	82
9	86	42	39	33	35	44	47
10	45	49	61	85	77	45	60
11	45	94	97	52	55	54	66
12	53	55	51	49	52	55	53
13	47	58	72	49	61	88	63
14	91	88	73	40	49	61	67
15	98	100	98	100	78	64	90
16	57	58	53	54	71	76	62
17	73	86	81	75	82	82	80
18	97	98	74	74	78	90	85
19	75	78	58	51	89	84	73
20	89	75	78	76	78	56	75
21	52	59	48	42	52	42	49
22	53	47	46	41	54	53	49
23	55	55	46	44	49	56	51
24	56	60	48	53	60	61	56
25	66	63	72	46	56	56	60
26	70	74	66	62	45	56	62
27	61	61	40	43	48	50	51
28	58	58	72	91	98	95	79
29	94	85	42	54	73	59	68
30	52	58	41	35	48	58	49
31							
平均 Mean	64	65	59	54	62	62	61

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

Day	6h	10h	14h	18h	22h	平均 Mean
1	2 sk	7 k	10 n	10 sk	10 sk	7.8
2	7 sk	10 sk	10 c, sk	9 sk	3 sk	7.8
3	10 n, sk	7 k	10 n, k	8 n, sk	9 s, sk, n	8.8
4	1 sk	10 s	10 sk	3 sk	4 sk	5.6
5	0 —	0 —	0 c, k	10 c	10 c	4.0
6	0 —	0 —	0 —	0 —	0 —	0.0
7	4 cs	0 k	0 k	0 —	0 —	0.8
8	4 c	10 ck, s	10 sk	10 cs, sk	10 sk	8.8
9	10 cs, sk	2 sc	4 sc, c	0 —	0 —	3.2
10	0 —	4 ck, kn	10 n, kn	10 sk	0 —	4.8
11	10 n	10 n	10 sc, sk	10 s, sk	0 sk	8.0
12	2 s, sk	1 sk	1 sc	0 —	0 —	0.8
13	2 kc	10 s, sk	1 s, k	0 k	0 —	2.6
14	9 s, sk	0 —	0 c	7 sk	10 sk	5.2
15	10 n	10 n	10 n	0 —	0 —	6.0
16	0 —	0 k	10 sk, c	10 sk	10 sk	6.0
17	4 kn	9 sk, s, k	0 k, s	0 —	0 —	2.6
18	0 k	5 sk, c	9 c, s	10 sk	10 n	6.8
19	3 cs	10 cs	10 sk	10 n	10 n	8.6
20	10 n	10 n	10 n	1 sk	0 —	6.2
21	0 sk	10 sk	10 sk, kc	10 sk	10 sc	8.0
22	3 sk	7 sk, s	4 k	0 —	0 —	2.8
23	1 sk	4 sc	0 sk	0 sk	0 —	1.0
24	0 sk	9 sc	3 kc	0 —	0 —	2.4
25	10 sk	10 kc	3 sk	0 —	0 —	4.6
26	0 —	0 —	0 k	0 —	0 —	0.0
27	0 —	0 s	3 kc	10 sc	10 ck	4.6
28	10 sc	10 sk	10 n	10 n	10 n	10.0
29	0 —	10 cs	10 sc	4 sc	10 sc	6.8
30	4 sc	8 cs, sc	7 cs, sk	10 cs	10 cs	7.8
31						
平均 Mean	3.9	6.1	5.8	5.1	4.5	5.1

Day	日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	3.85	5.2
2	5.54	5.5
3	3.30	3.6
4	7.40	3.4
5	8.80	4.3
6	9.20	3.8
7	9.50	2.7
8	7.00	3.8
9	7.50	4.1
10	4.00	2.0
11	3.25	1.5
12	8.70	2.6
13	4.70	1.7
14	7.50	1.6
15	0.00	1.4
16	7.60	0.9
17	8.10	1.4
18	4.40	2.1
19	4.01	2.0
20	0.00	1.5
21	4.40	4.1
22	7.70	2.9
23	7.60	2.8
24	7.10	1.9
25	3.60	1.2
26	8.20	2.6
27	7.40	2.4
28	0.00	1.0
29	6.50	3.2
30	3.90	1.9
31		
平均 Mean	170.75	79.1

※ 重力ノ更正　Reduction to standard gravity……— 0.4
海面ヘノ更正　Reduction to mean sea level……+ 9.2

大　連

昭和五年十一月　**DAIREN.**　NOVEMBER, 1930.

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	3.9	3.3	2.9	2.9	2.8	2.9	3.1	2.9	7.2	2.5	4.2	6.4	8.4	10.9	12.5	15.5	16.0	16.5	16.6	16.2	1.4	12.4
2	2.0	2.6	2.2	2.0	2.2	1.7	2.1	1.6	8.3	0.8	3.6	4.6	6.5	9.1	10.9	14.7	15.9	16.5	16.5	16.0	0.5	12.5
3	1.9	1.8	2.0	2.2	2.6	1.8	2.1	99.7	3.9	0.0	1.2	2.9	5.0	7.9	9.7	14.1	15.9	16.3	16.5	16.1	97.2	9.5
4	1.9	1.8	2.5	2.6	3.1	3.2	2.5	99.3	7.3	1.6	2.7	2.4	4.3	6.6	8.4	13.0	15.4	16.0	16.3	15.9	97.5	11.8
5	3.4	3.9	4.1	3.7	4.2	4.6	4.0	0.8	16.7	5.5	7.7	3.3	4.4	6.6	8.3	12.6	15.4	16.1	16.3	15.9	1.7	20.2
6	5.7	5.2	5.6	5.3	5.2	6.4	5.6	4.9	15.1	6.6	8.9	6.4	6.7	8.1	9.1	12.2	15.1	16.0	16.4	16.0	6.8	21.0
7	7.6	7.6	8.3	7.0	7.5	8.7	7.8	7.2	17.0	8.6	10.9	8.0	8.2	9.1	10.0	12.4	14.9	16.0	16.4	16.0	8.0	21.6
8	8.1	8.0	8.6	8.7	8.8	8.7	8.5	8.2	18.2	10.0	12.1	9.4	9.4	10.3	11.0	12.5	14.6	15.8	16.3	15.9	7.8	22.1
9	7.4	3.0	2.6	1.9	1.6	1.8	3.1	5.7	9.2	0.2	5.0	8.0	9.4	10.8	11.6	12.7	14.5	15.7	16.2	16.0	96.0	10.8
10	1.8	1.9	4.5	5.5	4.4	1.8	3.3	99.4	6.2	99.4	1.7	2.9	5.3	7.9	9.5	12.8	14.3	15.5	16.1	15.8	93.0	14.9
11	1.6	2.7	2.9	1.8	1.9	2.0	2.2	0.0	0.3	99.9	0.1	2.0	4.0	4.5	8.2	12.3	14.2	15.5	16.1	15.9	91.8	3.9
12	2.3	3.2	3.1	2.4	2.0	2.1	2.5	0.2	4.8	99.0	1.3	1.9	1.6	5.4	7.0	11.5	14.1	15.4	15.9	15.7	93.6	7.8
13	1.9	2.7	4.1	4.1	4.1	4.5	3.6	99.0	7.1	0.8	2.3	1.2	2.7	4.8	6.3	10.7	13.8	15.1	15.9	15.7	94.0	12.7
14	4.1	3.8	3.6	2.1	2.4	3.4	3.2	99.8	5.3	2.0	2.4	1.7	3.0	4.8	6.3	10.5	13.6	15.2	15.7	15.7	97.0	7.4
15	5.4	5.6	4.4	4.7	3.4	2.7	4.4	3.0	2.7	99.6	1.8	2.4	3.4	5.0	6.5	10.3	13.5	15.0	15.7	15.7	97.1	4.1
16	2.3	2.3	2.6	3.1	3.9	4.8	3.2	99.0	1.5	1.5	0.7	1.1	2.5	4.2	5.9	9.9	13.3	15.0	15.6	15.5	95.4	9.0
17	4.5	5.5	6.1	5.2	4.6	3.9	5.0	1.4	7.2	0.8	3.1	2.3	2.7	4.5	5.7	9.6	13.1	14.7	15.6	15.5	97.4	13.3
18	5.0	5.2	6.9	7.8	8.1	9.1	7.0	0.7	10.2	9.3	6.7	2.9	3.4	4.8	6.1	9.4	12.9	14.5	15.4	15.5	97.6	17.1
19	6.2	5.4	4.8	4.3	4.9	4.2	5.0	5.1	9.7	3.3	6.0	5.9	6.2	7.0	7.5	9.5	12.6	14.5	15.4	15.5	0.1	16.2
20	4.4	3.8	3.8	3.9	3.9	3.3	3.9	2.0	3.1	0.9	2.0	3.6	4.8	6.3	7.5	9.8	12.4	14.3	15.4	15.5	97.5	4.3
21	3.2	3.8	3.6	2.8	2.9	2.0	3.1	0.7	5.5	0.8	2.3	2.4	3.5	5.0	6.5	9.6	12.4	14.1	15.1	15.4	99.2	13.6
22	2.3	2.0	2.0	1.8	2.1	2.0	2.0	99.5	1.8	99.2	0.2	1.7	3.0	4.7	6.2	9.5	12.1	14.0	15.1	15.2	93.2	6.0
23	2.0	1.9	1.8	1.8	1.8	2.0	1.9	98.2	0.2	98.6	99.0	0.8	2.3	3.8	5.3	9.0	12.0	14.0	14.9	15.2	93.8	3.7
24	2.1	2.0	2.1	2.4	2.4	2.2	2.2	98.0	0.3	98.6	99.0	0.5	1.7	3.3	4.8	8.9	11.9	14.0	14.9	15.2	93.7	4.6
25	2.5	2.7	3.8	2.9	2.9	3.0	3.0	99.3	1.0	99.4	99.9	0.2	1.4	2.9	4.3	8.2	11.7	13.7	14.7	15.0	93.0	10.1
26	3.7	3.5	4.1	3.7	1.9	2.2	3.2	98.7	1.4	99.0	99.7	0.1	1.4	2.8	4.0	8.0	11.5	13.5	14.6	15.0	95.8	11.8
27	2.3	2.2	1.8	2.1	1.9	1.8	2.0	98.3	0.7	99.2	99.4	0.0	1.1	2.5	3.8	7.6	11.4	13.4	14.5	15.0	93.4	6.7
28	3.4	2.5	4.1	6.3	7.1	6.1	4.9	99.5	1.5	2.4	1.1	0.0	1.1	2.5	3.8	7.5	11.2	13.4	14.4	15.0	91.7	6.8
29	4.6	4.1	2.0	2.6	2.9	2.0	3.0	99.9	2.7	99.4	0.7	0.3	1.1	2.4	3.6	7.2	10.9	13.1	14.4	14.8	95.3	6.8
30	1.8	1.9	1.4	1.4	1.6	1.8	1.7	97.8	0.2	98.5	98.8	0.5	1.3	2.5	3.7	7.2	11.0	13.0	14.3	14.7	91.6	1.4
31																						
平均 Mean	3.6	3.5	3.7	3.6	3.6	3.6	3.6	1.0	5.9	1.6	2.8	2.9	4.0	5.7	7.1	10.6	13.4	14.9	15.6	15.5	97.1	10.8

記　事 REMARKS.

日 Day	記事 REMARKS.
1	⚹°9h05.△°13h56-14h28.△°☌°15h37-15h42.⚹°19h27-20h45.△°21h45-21h50. ⸗10-12h.
2	⸗1.4.7-14.22h.
3	⊟ ³a. ⚹°8h32-8h43.⚹°10h16-10h21.⚹°11h13…14h18.⚹°16h37-△°17h04-△°⚹°17h10…17h25.
4	⸗12h.
5	
6	
7	⌒°p.
8	⌒ a.
9	⊟°p.⊽ ⸗7-11.16h.
10	⊟ a.p. ●°12h10.●°13h06-●°△°13h19-●°13h21-13h45.●°14h22-△°16h15-△°16h24-△°16h27-16h35.●°17h41-17h46.⚹°18h35-18h48. ⸗13.91-21h.
11	⊟¹a.p.⊠ ⚹°3h08-⚹13h46-⚹°8h57-⚹19h55-⚹°10h50-11h15.
12	⊟¹p.⊠ △°3h25-4h05.
13	⊟¹a. ⚹°8h22-8h52. ⸗12h.
14	⊟°⊔°a.
15	⊟¹p. ●°1h05-●12h25-●¹△°5h14-●15h38-●¹△16h52-△°7h38-●°≡°7h51-●°8h24-●°≡°9h00-●°≡°19h30- -△°≡°9h40-△°10h30-⚹°10h35-⚹¹11h00-⚹°11h20-14h28…15h10.⌐°3h26…⌐13h37…⌐°4h46…⌐14h53…⌐°5h04…5h20.
16	
17	
18	⊟ ⊔°∞¹a. ●°21h50-●22h18-●°22h28-23h45. ⸗19-23h.
19	●°16h02…16h45.●°18h06.●°21h50-●°⚹°21h55-22h36. ⸗18h.
20	⚹°6h13-13h40. ⸗3-5h.
21	⌒p.
22	⊟¹a p. ⸗7h.
23	⊟¹a.p.
24	⊟¹a.p.
25	∞¹⊔°a.
26	∞°⊔¹a.⊟°a.p.
27	⊟¹a.p.σ°p.
28	⊟°a. ●°11h30-●17h27-●°17h30-19h45.
29	⊟¹a.p.
30	⊟¹a.p. ⸗14-15h.
31	

營口

昭和五年十一月 **YINGKOW.** NOVEMBER, 1930.

氣壓 (粍) AIR PRESSURE. (mm) (700 mm +)

Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	60.5	59.9	61.1	60.7	62.4	63.3	61.3
2	63.3	63.0	64.9	64.6	65.7	67.1	64.8
3	67.8	68.3	68.6	67.1	69.0	70.5	68.6
4	70.0	70.1	70.5	69.7	69.3	69.9	69.9
5	70.5	70.0	70.5	68.6	67.4	66.5	68.9
6	65.5	64.3	64.2	62.7	62.7	63.0	63.7
7	62.4	61.6	61.6	60.2	60.6	60.9	61.2
8	60.7	59.8	59.9	59.9	60.7	61.3	60.4
9	62.9	63.6	66.0	65.1	66.2	67.1	65.2
10	66.2	65.2	64.6	63.7	66.5	68.9	65.9
11	69.6	69.5	71.4	71.4	72.1	71.5	70.9
12	70.7	68.5	70.8	70.5	71.6	72.5	70.8
13	72.4	72.0	71.6	69.8	69.5	70.6	71.0
14	71.6	74.3	76.1	74.3	73.9	73.7	74.0
15	73.2	71.2	72.4	71.8	73.2	74.1	72.7
16	73.7	73.6	74.3	72.9	72.1	71.7	73.1
17	70.7	70.1	72.0	71.3	72.2	71.9	71.4
18	71.1	70.1	69.9	67.0	66.6	64.0	68.1
19	62.5	61.8	62.5	62.5	64.9	65.2	63.2
20	65.0	64.9	66.0	64.8	64.1	62.8	64.6
21	61.0	59.4	60.5	60.4	62.7	63.9	61.3
22	64.7	65.5	66.8	66.8	68.3	69.2	66.9
23	69.8	69.8	71.3	70.8	71.8	72.5	71.0
24	73.3	73.6	74.5	73.4	73.4	73.2	73.6
25	72.8	72.3	72.3	70.4	70.4	70.4	71.4
26	70.0	69.9	72.1	71.4	71.8	72.4	71.3
27	72.5	72.6	73.9	72.6	73.0	73.0	72.9
28	71.7	69.5	68.1	64.6	63.3	63.9	66.9
29	66.0	66.5	67.8	67.1	67.4	68.6	67.2
30	69.2	69.2	70.8	70.3	71.4	71.9	70.5
31							
平均 Mean	68.0	67.7	68.6	67.5	68.1	68.5	68.1

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	N	0.9	N	0.9	W	6.5	W	6.4	W	4.3	W	1.2	3.5
2	W	4.3	W	9.6	W	10.6	W	7.6	W	6.4	W	9.3	7.0
3	W	5.8	W	6.8	W	5.9	W	9.0	WNW	5.8	WNW	1.9	6.3
4	W	4.1	WNW	7.2	W	6.1	W	4.1	SW	1.2	SE	1.3	3.8
5	SE	1.1	ESE	0.9	SSE	2.1	S	2.9	SSE	1.9	SSE	1.9	2.0
6	SSE	3.5	SSE	4.9	S	6.5	SSW	6.8	S	5.5	SSE	4.3	5.4
7	SSE	4.1	SSE	2.9	SSE	6.0	SSW	6.6	SSW	4.1	S	4.7	4.8
8	SSE	3.1	S	3.2	S	5.7	W	3.2	N	2.1	NNE	2.5	3.6
9	NNE	5.7	N	4.7	N	7.6	N	7.1	NNE	3.9	NNE	1.9	5.1
10	NE	1.9	E	0.5	ESE	2.0	SW	3.0	NNW	6.4	N	5.1	3.1
11	NNE	3.5	NNE	0.9	NNW	9.6	NW	7.8	N	0.5	E	1.5	4.1
12	E	1.2	E	0.9	N	5.6	N	5.8	NE	1.4	ESE	1.2	2.7
13	ESE	1.2	ESE	2.1	SE	1.8	ESE	2.9	E	1.9	NNE	1.6	2.0
14	N	1.9	NNE	2.9	NNE	3.2	NE	2.0	NE	1.3	NE	1.3	2.4
15	E	0.5	NNE	2.6	N	1.9	N	4.7	N	2.9	N	1.9	2.3
16	N	1.9	NE	1.5	ENE	1.7	ENE	1.6	ENE	1.1	ENE	0.8	1.5
17	ESE	1.3	ESE	1.5	N	2.7	NNW	4.3	NNE	1.2	E	1.5	2.0
18	ESE	1.2	ESE	1.8	SE	2.3	SE	6.0	ESE	4.1	ESE	5.3	3.1
19	ESE	2.9	ESE	1.2	W	2.6	N	4.6	N	5.2	N	4.4	3.2
20	N	3.2	N	5.4	N	2.7	N	3.2	SE	2.3	SE	1.5	3.1
21	SE	1.2	SSW	1.0	NNW	3.0	NW	8.0	NW	5.3	NW	6.4	4.9
22	NW	7.1	NW	7.6	NW	5.1	N	4.0	N	1.5	NW	1.8	4.4
23	NW	4.1	NW	3.4	NW	3.5	NNW	4.2	N	1.9	N	0.6	2.6
24	N	1.9	N	1.8	NE	2.4	N	1.9	NE	0.6	ENE	0.8	2.5
25	ENE	1.0	E	1.2	E	1.1	ENE	1.4	—	0.4	E	0.9	1.0
26	E	1.2	E	1.3	NNE	2.9	NNE	4.3	NNE	1.2	NNE	0.7	2.0
27	NNE	1.0	NE	1.2	NE	2.4	NNE	2.5	ENE	1.3	NE	1.8	2.3
28	NNE	0.7	ENE	1.3	NE	1.4	NE	1.3	NE	2.9	NNE	1.9	1.5
29	N	2.4	N	1.0	NNE	1.5	NE	2.4	NE	1.8	NNE	2.9	1.9
30	NNE	3.3	NNE	1.5	NNE	0.6	N	4.9	NNE	0.6	SE	1.8	2.1
31													
平均 Mean		2.6		2.8		3.9		4.5		2.7		2.5	3.2

降水量 (粍) AMOUNT OF PRECIPITATION. (mm)

Day	22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	合計 Total
1	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—
10	—	—	—	—	0.1	—	0.1
11	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—
13	—	—	—	0.2	0.8	—	1.0
14	—	—	—	—	—	—	—
15	—	0.0	—	—	—	—	0.0
16	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—
19	9.4	—	—	0.2	1.0	1.4	12.0
20	0.1	0.3	—	—	—	—	0.4
21	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—
28	—	—	—	2.8	1.6	0.1	4.5
29	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—
31							
平均 Mean	9.5	0.3	—	3.2	3.5	1.5	18.0

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	90.4	92.0	1.5	2.2	0.2	98.2	97.4	2.6	88.6	14.0
2	0.0	99.4	0.9	1.6	99.4	97.3	99.8	1.9	95.2	6.7
3	93.5	92.6	95.8	99.3	97.9	96.9	96.0	99.8	91.8	8.0
4	97.0	97.1	0.8	2.6	99.0	27.4	99.0	3.2	95.6	7.6
5	98.0	95.4	5.2	8.0	2.5	2.5	1.9	8.4	94.5	13.9
6	5.7	5.6	10.7	12.3	9.2	7.4	8.5	12.9	1.6	11.3
7	5.9	5.0	13.1	14.0	10.5	9.6	9.7	15.3	3.4	11.9
8	8.1	9.8	12.4	11.5	9.1	6.8	9.6	13.9	6.1	7.8
9	1.0	3.0	3.0	1.5	98.1	95.9	0.4	7.0	95.1	11.9
10	94.5	93.3	99.4	2.5	98.5	95.6	97.3	2.9	92.1	10.8
11	93.6	92.7	94.0	94.9	93.6	92.2	93.5	96.0	90.8	5.2
12	92.6	94.3	98.4	98.1	94.9	93.1	95.2	99.1	90.8	8.3
13	91.8	91.5	97.3	96.9	97.4	95.0	95.0	99.4	90.5	8.9
14	95.8	92.4	96.0	97.1	94.6	94.7	95.1	98.0	91.2	6.8
15	94.7	95.2	98.9	0.7	98.0	96.3	97.3	1.3	94.0	7.3
16	94.4	92.7	97.8	0.6	98.5	97.7	97.9	1.5	91.6	9.9
17	97.1	96.9	3.0	4.0	99.5	97.4	99.7	4.6	95.9	8.7
18	95.7	95.6	5.9	9.5	3.9	5.6	2.7	10.1	94.9	15.2
19	5.5	3.8	3.6	2.9	0.5	99.4	2.6	6.6	98.8	7.8
20	99.2	98.8	99.3	0.0	97.7	94.8	98.3	0.3	94.0	6.3
21	97.5	0.6	3.0	3.3	99.9	97.9	0.4	5.1	93.9	11.2
22	96.1	95.6	96.8	97.4	96.1	95.6	96.3	98.2	94.2	4.0
23	93.9	92.4	96.0	97.6	95.6	94.0	94.9	97.9	91.8	6.1
24	94.0	94.4	97.2	99.1	96.5	94.6	96.0	99.8	92.4	7.4
25	93.1	92.7	99.4	2.5	97.2	95.6	96.8	2.9	91.5	11.4
26	94.2	93.7	98.8	0.8	97.4	95.2	96.7	1.1	92.6	8.5
27	93.7	91.9	95.6	97.1	93.6	92.0	94.0	98.0	90.1	7.9
28	91.0	92.0	94.5	95.2	95.8	96.0	94.1	95.5	89.6	5.9
29	93.4	89.5	92.4	93.0	91.1	91.1	91.8	96.4	85.4	11.0
30	89.7	86.6	92.5	95.9	90.1	88.7	90.6	96.4	85.7	10.7
31										
平均 Mean	96.4	95.9	0.1	1.4	98.5	97.2	98.2	2.5	93.5	9.1

濕度 (百分率) REL. HUMIDITY. (%)

Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	100	100	55	53	58	66	72
2	50	48	49	48	54	53	50
3	46	50	45	40	45	64	48
4	52	43	38	39	62	87	54
5	74	88	66	57	76	77	73
6	70	71	60	59	79	60	67
7	60	75	67	68	85	74	72
8	82	79	77	85	81	68	79
9	65	66	49	38	52	62	55
10	84	84	50	69	47	49	64
11	50	60	43	40	44	53	48
12	59	62	48	36	54	69	55
13	80	83	57	100	100	97	86
14	95	77	52	50	60	71	68
15	70	91	74	56	63	68	70
16	81	84	63	47	64	72	69
17	77	79	65	46	57	69	66
18	81	94	66	62	81	85	78
19	100	96	100	100	92	100	98
20	96	80	78	65	84	94	83
21	92	88	58	38	46	41	61
22	43	49	43	44	53	57	48
23	63	69	50	47	57	68	59
24	84	73	58	48	68	82	69
25	88	87	59	46	63	86	72
26	83	84	55	46	65	73	68
27	90	73	55	39	73	73	67
28	80	90	68	100	100	100	90
29	100	100	97	60	75	75	85
30	73	82	71	48	67	80	70
31							
平均 Mean	76	77	61	56	67	72	68

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 —	1 c, k	0 k	3 k	0 —	0.8	8.40	2.6
2	0 k	0 —	0 k	0 —	0 —	0.0	8.73	3.0
3	0 —	0 —	0 —	0 —	0 —	0.0	8.80	2.1
4	0 —	0 —	0 —	0 —	0 —	0.0	8.80	2.4
5	0 —	0 —	0 —	0 —	0 c	0.0	8.95	2.1
6	0 —	0 —	0 —	0 —	0 —	0.0	8.60	2.4
7	0 —	0 —	0 k, c	0 —	0 —	0.0	7.93	1.6
8	10 ck	10 sc	10 sk	10 cs	10 cs	10.0	2.27	1.5
9	10 sk	0 —	0 —	0 —	0 —	2.0	8.05	1.8
10	9 kc	10 kc	10 sc	6 cs	10 cs	9.0	3.83	1.3
11	0 c	4 cs	10 cs	0 —	0 —	2.8	6.70	1.2
12	10 ck	3 ck	0 —	0 —	0 —	2.6	7.35	1.3
13	0 —	10 sc	10 n	10 n	0 —	6.0	0.00	0.5
14	0 —	0 —	0 c	0 —	0 —	0.0	8.44	0.7
15	10 n	10 cs	10 c	0 —	0 —	6.0	6.16	0.8
16	0 —	1 cs	10 cs	10 cs, sc	10 sc	6.2	5.10	1.1
17	0 —	0 —	0 —	0 —	0 —	0.0	8.53	1.0
18	7 c	10 cs	10 c, cs	10 c, kc	10 n	9.4	8.30	0.5
19	10 n, s	10 ≡	10 n	10 n	10 n	10.0	0.00	0.3
20	10 n	10 n	10 n	3 c	0 —	6.6	0.00	0.6
21	10 sc	10 kc	0 —	0 —	0 —	4.0	4.30	1.8
22	0 —	10 kc, c	10 cs	0 —	0 —	4.0	7.85	0.8
23	0 —	0 —	0 —	0 —	0 —	0.0	7.82	0.9
24	0 —	0 —	0 —	0 —	0 —	0.0	8.20	0.5
25	0 —	0 —	0 —	0 —	0 —	0.0	7.96	0.8
26	0 —	0 —	0 —	0 —	0 —	0.0	7.90	0.8
27	0 —	0 —	0 —	0 —	0 —	0.0	7.84	0.6
28	0 —	10 n	10 n	10 n	10 n	8.0	0.00	0.4
29	10 ≡	0 —	10 sc	10 cs	10 cs	8.0	4.82	0.7
30	0 —	0 —	0 —	0 —	0 —	0.0	6.55	0.4
31								
平均 Mean	3.2	3.6	4.0	2.7	2.3	3.2	188.18	36.5

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

奉　天

昭和五年十一月　　**MUKDEN.**　　NOVEMBER, 1930.

日 Day	氣壓 ※ (粍) AIR PRESSURE. (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean
1	55.8	55.4	56.0	55.6	56.8	57.9	56.3
2	57.9	57.5	58.5	58.7	60.2	61.2	59.0
3	62.0	62.0	62.2	61.4	62.7	64.4	62.5
4	64.8	64.5	65.4	64.2	64.5	65.2	64.8
5	65.3	65.3	66.0	64.6	63.4	61.9	64.4
6	60.4	58.5	58.7	57.8	58.5	58.8	58.8
7	58.2	56.4	56.6	55.1	55.6	56.1	56.3
8	56.2	55.5	55.0	56.2	57.5	57.5	56.3
9	58.7	59.3	61.9	60.7	62.0	62.5	60.9
10	62.3	61.2	60.9	59.3	61.6	64.3	61.6
11	64.4	64.6	65.7	65.7	66.6	66.5	65.6
12	65.7	64.5	66.7	66.4	67.3	67.6	66.4
13	67.8	67.9	67.5	65.9	66.0	66.3	66.9
14	67.3	69.5	**71.5**	70.2	69.6	69.7	69.6
15	68.8	67.7	68.1	67.3	68.4	69.5	68.3
16	69.1	69.2	70.0	68.2	68.0	67.8	68.7
17	67.1	66.3	67.1	66.7	67.6	68.1	67.2
18	67.2	66.3	65.7	63.5	63.5	61.7	64.7
19	60.4	57.6	58.2	58.3	60.1	60.2	59.1
20	59.9	59.8	60.7	59.5	59.3	57.9	59.5
21	55.8	**54.5**	55.2	55.2	56.8	57.5	55.8
22	58.1	59.5	60.9	61.3	63.2	63.9	61.2
23	64.8	65.1	66.2	65.8	67.0	68.0	66.2
24	68.5	68.8	69.9	69.0	69.1	69.1	69.1
25	69.0	68.5	68.1	66.5	66.0	65.9	67.3
26	66.0	66.0	67.5	66.8	67.7	67.9	67.0
27	67.9	68.2	69.6	68.6	69.1	68.8	68.7
28	67.9	65.7	64.4	61.6	59.9	59.6	63.2
29	61.0	62.3	63.6	63.1	63.8	64.6	63.1
30	64.7	64.8	66.2	65.7	66.7	67.2	65.9
31							
平均 Mean	63.4	63.1	63.8	63.0	63.6	63.9	63.5

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 24 h.)
1	—	0.3	WNW	1.8	WSW	4.1	W	4.3	W	3.4	W	4.3	3.1
2	—	0.1	—	0.3	SW	5.8	W	7.0	W	3.5	W	5.8	3.6
3	WNW	1.8	SW	5.1	SW	9.7	SW	7.8	W	5.5	W	5.1	5.7
4	W	6.2	WSW	4.8	WSW	5.0	SW	6.4	SW	3.5	SW	3.2	4.7
5	SW	3.5	SW	1.6	SW	3.3	SSW	4.0	SSW	3.4	S	4.6	3.2
6	S	7.8	S	8.7	SSW	8.3	SW	**13.3**	SW	4.2	SW	3.8	7.8
7	S	5.0	S	7.2	SSW	10.5	SW	13.1	SW	4.6	SW	3.0	7.1
8	SSW	5.5	SW	1.9	S	6.3	W	6.4	NNW	0.8	NNW	1.3	3.6
9	NNW	4.4	NNW	2.8	NW	7.2	NNW	5.7	N	3.5	NNW	2.7	4.4
10	N	1.8	—	0.0	SE	3.8	SW	2.9	NW	7.1	NNW	6.3	3.1
11	NNW	2.5	NW	4.7	WNW	9.9	WNW	8.3	WNW	2.9	WNW	2.2	4.9
12	WNW	1.8	W	1.3	NNW	5.4	NW	4.8	NW	2.5	NW	3.4	3.0
13	NW	1.8	NW	1.9	SE	4.4	S	5.8	S	1.9	S	2.0	2.8
14	NW	4.4	NNW	2.9	NNE	3.6	NNE	1.3	SSE	1.9	SSE	1.4	2.7
15	SE	2.2	SE	2.2	E	1.5	WNW	3.9	NW	3.3	NW	2.6	2.4
16	NW	1.9	NW	1.1	NNW	1.3	NNW	0.8	NNW	0.7	NNW	1.6	1.4
17	NNW	3.2	NE	2.7	NE	1.1	W	4.4	WNW	2.0	WNW	1.3	2.6
18	NE	3.0	ENE	3.0	SE	6.4	SSE	7.6	SE	3.2	ESE	4.7	4.5
19	SSE	7.0	ESE	5.1	E	1.8	W	2.7	NNW	4.4	NNW	4.0	4.5
20	NNW	4.1	NNW	3.7	NNW	3.7	NNW	2.2	NW	3.2	SSW	3.4	3.4
21	S	3.7	SW	4.0	NNW	5.8	NW	8.9	NW	4.4	NW	7.5	5.2
22	NW	6.4	NW	5.6	NW	5.0	NW	4.4	NW	1.3	NW	1.9	4.9
23	WNW	4.0	NW	2.6	NW	3.5	NW	3.1	NNW	2.0	NNW	2.6	2.9
24	NNW	3.0	NNW	3.7	NNW	1.8	NE	1.4	WNW	2.1	WNW	2.3	2.4
25	NE	2.7	ENE	3.3	ENE	2.1	ENE	2.2	E	1.8	E	2.7	2.4
26	E	2.6	E	1.4	—	0.2	NW	2.5	NNW	2.7	NNW	1.4	1.9
27	NNW	4.7	NNW	2.0	N	2.0	N	2.7	E	1.8	E	2.3	2.0
28	E	2.5	E	4.0	E	0.6	E	1.8	E	3.6	—	0.4	1.9
29	NNW	0.7	NNW	0.5	—	0.0	NE	1.5	NE	0.9	—	0.0	1.1
30	—	0.0	—	0.2	ENE	0.6	NNW	1.7	NW	1.9	W	2.0	1.2
31													
平均 Mean		3.3		3.0		4.2		4.8		2.9		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	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—
8	—	—	—	0.0	—	—	0.0
9	—	—	—	—	—	—	—
10	—	—	—	—	0.0	—	0.0
11	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—
13	—	—	—	0.0	0.1	—	0.1
14	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—
18	—	—	—	—	—	0.6	0.6
19	6.8	**9.2**	—	0.3	0.0	0.6	**16.9**
20	0.2	0.7	1.3	0.0	0.3	0.0	2.5
21	—	0.1	—	0.0	0.0	—	0.1
22	—	0.0	0.1	0.0	—	—	0.1
23	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—
28	—	—	—	0.2	2.1	1.1	3.4
29	0.1	—	—	—	—	—	0.1
30	—	—	—	—	—	—	—
31							
平均 Mean	7.1	10.0	1.4	0.5	2.5	2.3	23.8

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
1	96.5	94.5	95.8	0.0	93.8	92.9	95.6	0.1	90.3	9.8
2	91.6	89.1	96.9	99.4	95.1	93.2	94.2	99.6	88.9	10.7
3	91.1	87.7	93.3	95.4	94.1	92.3	92.3	96.6	85.8	10.8
4	91.[illegible]	87.9	96.7	99.7	93.9	91.7	93.6	99.9	87.8	12.1
5	90.8	90.3	1.9	4.5	0.2	0.0	98.0	4.9	90.0	14.9
6	2.5	3.4	7.9	12.1	5.8	4.3	6.0	12.2	99.7	12.5
7	2.4	4.5	12.7	13.9	9.6	7.5	8.4	**14.6**	1.4	13.2
8	7.8	7.6	10.7	8.4	4.5	3.5	7.0	11.4	2.7	8.7
9	2.3	1.1	98.7	99.1	96.3	94.8	98.7	3.5	94.7	8.8
10	92.9	91.0	98.2	99.6	96.2	93.3	95.4	99.8	91.5	8.3
11	91.8	90.0	92.2	92.7	92.1	89.0	91.3	93.3	88.8	**4.5**
12	89.0	89.1	93.6	95.7	94.3	92.8	92.4	96.3	88.0	8.3
13	91.8	87.5	96.8	96.0	96.2	93.5	93.6	97.5	87.1	10.4
14	94.4	90.0	93.6	96.7	92.5	89.9	92.8	98.0	89.5	8.5
15	90.0	90.2	95.6	99.8	97.1	94.3	94.5	0.1	89.6	10.5
16	92.2	89.8	95.2	98.2	95.2	93.7	94.1	98.7	88.7	10.0
17	92.1	91.4	0.9	2.5	99.7	94.0	97.3	2.6	91.9	10.7
18	93.6	93.2	4.2	7.2	2.1	3.6	0.7	8.2	92.2	16.0
19	4.5	3.5	4.5	4.7	0.4	0.2	3.0	5.1	0.0	5.1
20	99.9	98.8	98.0	98.7	97.3	93.4	97.7	0.2	93.4	6.8
21	94.9	97.8	1.5	99.9	96.4	94.9	97.6	2.2	92.1	10.1
22	94.0	93.2	94.9	95.8	94.1	91.1	93.9	96.9	90.8	6.1
23	91.7	89.5	92.6	96.3	95.0	94.7	93.3	96.6	89.3	7.3
24	93.9	91.4	94.1	98.4	92.4	90.4	93.4	99.2	90.4	8.8
25	90.2	88.1	95.5	99.1	94.3	91.4	93.1	99.2	87.9	11.3
26	89.8	89.0	94.9	99.9	96.5	91.3	93.6	0.0	88.4	11.6
27	90.8	89.6	91.7	94.7	89.7	87.1	90.6	95.0	87.1	7.9
28	86.4	84.1	88.8	93.2	93.5	95.2	90.2	95.2	83.9	11.3
29	93.0	83.6	85.3	91.2	87.5	87.4	88.0	95.2	83.6	11.6
30	83.8	79.4	88.6	93.7	85.9	81.6	85.5	94.2	**77.8**	**16.4**
31										
平均 Mean	93.9	92.3	97.2	99.6	96.1	94.1	95.5	0.5	90.4	10.1

日 Day	濕度 (百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean
1	91	97	88	63	76	78	82
2	80	81	59	43	64	61	65
3	63	79	63	66	68	77	69
4	76	88	56	47	84	89	73
5	88	96	65	53	77	75	76
6	74	75	66	62	87	91	76
7	79	72	60	59	86	92	75
8	81	90	77	89	78	82	83
9	76	78	41	38	49	60	57
10	70	97	48	41	48	61	61
11	67	61	44	40	52	76	57
12	89	85	47	38	46	48	59
13	71	95	52	83	94	97	82
14	100	78	69	41	87	100	79
15	100	96	73	49	55	73	74
16	84	96	72	50	74	90	78
17	96	88	49	49	67	100	75
18	98	97	54	52	79	89	78
19	94	91	91	89	92	93	92
20	99	95	84	80	95	100	92
21	91	92	48	47	68	63	68
22	84	87	58	57	68	89	74
23	75	81	62	49	69	69	68
24	78	83	70	64	90	89	79
25	92	91	69	58	79	93	80
26	91	92	74	54	63	93	78
27	78	77	70	45	77	91	73
28	92	94	88	90	97	100	94
29	96	94	95	69	79	91	87
30	96	100	88	59	86	87	86
31							
平均 Mean	85	88	66	57	74	83	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 s	2 s	1 s	3 s	0 —	3.3	7.60	2.0
2	1 s	0 —	3 s	2 ck	9 s	3.0	7.51	2.0
3	9 s, sk	0 s	10 sc	0 —	0 —	3.8	5.52	1.7
4	0 —	0 —	0 —	0 —	0 —	0.0	9.25	2.0
5	0 —	0 —	0 —	0 —	0 —	0.0	9.45	1.9
6	8 s, sk	0 —	0 —	0 —	4 s	2.4	8.83	3.1
7	0 —	0 c	10 cs, ck	10 sk, s	10 s, kc	6.0	7.94	2.7
8	10 sk, s	10 s, sk	10 s, sc	4 s	10 cs, s	8.8	0.00	1.8
9	9 sc, s	0 —	0 —	0 —	0 —	1.8	8.15	2.2
10	3 ck	3 cs	10 sc, s	5 s	0 —	4.2	4.00	1.9
11	0 —	10 sk, s	10 s, sk	0 —	0 —	4.0	5.14	1.4
12	8 kc, s	2 ck	8 sk, cs	0 —	0 —	3.6	7.80	2.2
13	0 —	10 kc	10 s, n	10 s, n	0 —	6.0	3.20	1.0
14	0 —	0 —	0 s, k	0 —	0 —	0.0	8.30	1.4
15	7 cs, ck	10 cs	1 c	0 —	0 —	3.6	5.52	2.0
16	0 —	0 —	10 cs	5 cs, c	2 s	3.4	6.40	1.3
17	10 s	2 sk	0 —	0 —	0 —	2.4	6.50	1.5
18	5 cs, ck	10 c, cs	10 kc, sk	3 sk	10 n	7.6	7.00	2.8
19	10 sk, s	10 sk, s	10 s, n	10 n	10 s, n	10.0	0.00	0.9
20	10 n	10 n	10 n	10 n	0 —	8.0	0.00	0.4
21	10 s	0 sk	9 sk, s	0 —	0 s	3.8	3.77	1.5
22	10 n	8 ck, sk	7 sk, s	2 s	0 —	5.4	6.36	1.5
23	0 —	10 ck	2 sk	10 s	10 s	6.4	7.92	1.6
24	0 —	0 —	0 —	0 —	0 —	0.0	8.53	1.1
25	0 —	0 —	0 —	0 —	0 —	0.0	8.52	1.1
26	0 —	0 —	0 sk	0 —	0 —	0.0	7.35	1.1
27	0 —	0 —	0 c	0 —	0 —	0.0	7.72	1.0
28	2 s	10 sc, s	10 n	10 n	10 n	8.4	0.00	0.5
29	10 s	0 —	10 cs	8 cs, s	10 sc	7.6	6.87	0.6
30	2 cs	0 ck	0 —	0 —	0 —	0.4	6.72	0.5
31								
平均 Mean	4.5	3.6	5.0	3.1	2.8	3.8	181.87	47.3

※ 重力ノ更正　Reduction to standard gravity ……— 0.2
海面ヘノ更正　Reduction to mean sea level ……+ 4.3

長　春

CHANGCHUN.

昭和五年十一月　　NOVEMBER, 1930.

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

日 Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	35.2	35.8	35.8	35.9	36.7	36.8	36.0
2	36.3	36.0	36.7	36.6	38.1	39.4	37.2
3	39.4	39.4	39.7	39.0	41.1	41.7	40.1
4	42.4	42.2	43.7	43.7	44.2	45.3	43.6
5	45.8	46.5	47.7	46.7	45.7	45.0	46.2
6	43.1	40.8	39.8	39.7	41.1	41.9	41.1
7	41.7	39.9	38.8	37.8	37.8	39.3	39.2
8	40.0	39.6	38.9	37.4	40.4	41.0	39.6
9	41.2	40.5	41.8	42.7	43.4	45.2	42.5
10	45.2	43.3	43.8	42.5	43.1	43.6	43.6
11	43.8	43.4	44.6	44.8	45.8	46.8	44.9
12	46.7	46.6	47.4	47.5	48.7	48.9	47.6
13	48.6	48.9	49.4	47.5	47.5	47.7	48.3
14	48.2	50.9	53.4	52.2	51.9	52.1	51.5
15	51.7	51.1	51.2	50.2	50.8	51.4	51.1
16	51.1	51.2	51.9	50.5	51.1	50.8	51.1
17	50.7	50.5	50.8	50.4	50.8	51.1	50.7
18	50.9	49.9	48.9	47.6	47.9	47.3	48.8
19	45.7	44.1	43.3	42.4	42.7	43.4	43.6
20	42.5	41.2	40.5	39.3	39.1	38.7	40.2
21	36.5	34.2	34.6	35.7	36.7	36.6	35.7
22	37.0	37.7	40.0	41.3	43.4	44.2	40.6
23	44.6	45.1	46.8	48.5	48.8	49.1	47.2
24	49.1	49.8	50.9	50.4	50.8	51.1	50.4
25	50.9	50.6	50.5	48.7	48.3	48.2	49.5
26	47.6	47.0	48.0	48.3	49.7	49.9	48.4
27	49.7	49.7	50.5	50.6	50.6	50.5	50.3
28	49.1	47.9	46.7	43.5	42.7	42.2	45.4
29	42.2	42.3	45.4	44.4	45.8	46.0	44.4
30	45.4	45.8	46.8	45.8	47.2	47.2	46.4
31							
平均 Mean	44.7	44.4	44.9	44.4	45.1	45.4	44.8

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	NNW	3.7	W	4.4	WSW	3.0	WSW	4.9	SW	2.5	SW	2.2	3.2
2	SW	3.7	SW	5.3	SW	5.8	SW	7.4	WSW	7.6	WSW	6.7	4.9
3	SW	6.8	SSW	5.6	SSW	8.2	SSW	6.4	SW	2.9	SW	5.3	4.9
4	SW	3.5	SSW	3.9	SW	4.4	SW	7.0	SSW	3.8	SSW	2.6	3.9
5	SSW	2.0	SSW	2.3	SSW	1.2	S	1.5	S	3.1	S	1.5	1.9
6	SSE	3.7	SW	3.1	SSW	2.2	SSW	6.0	SSW	2.2	SW	2.1	2.4
7	—	0.2	SW	1.5	S	2.2	SW	6.7	SW	3.2	WNW	0.7	1.8
8	—	0.0	NE	0.6	ENE	0.5	W	3.1	—	0.2	—	0.0	0.8
9	—	0.0	—	0.0	W	1.6	WSW	4.7	W	2.8	W	2.3	1.6
10	—	0.2	WSW	1.9	SW	2.0	—	0.4	N	2.7	NNW	3.7	1.6
11	WNW	2.9	W	4.4	WSW	6.4	WSW	5.6	WSW	2.9	WSW	3.7	3.6
12	WSW	3.5	WSW	2.3	W	2.9	WNW	2.8	—	0.4	—	0.0	2.2
13	—	0.1	WNW	2.0	W	4.3	W	3.9	—	0.2	W	3.1	2.1
14	NE	2.3	NE	1.2	—	0.3	W	0.8	—	0.0	—	0.0	0.8
15	—	0.0	—	0.0	—	0.0	—	0.0	—	0.0	—	0.0	0.0
16	—	0.0	—	0.0	—	0.1	W	0.5	—	0.0	—	0.0	0.1
17	—	0.0	—	0.1	—	0.4	SSW	0.6	—	0.0	—	0.0	0.2
18	—	0.0	S	1.4	S	3.9	SSW	3.2	—	0.0	S	1.2	1.0
19	—	0.0	S	2.9	SE	2.8	—	0.0	—	0.0	—	0.0	0.8
20	—	0.0	—	0.0	W	3.5	—	0.4	—	0.0	—	0.0	0.6
21	SSW	2.8	WSW	4.3	W	3.0	NW	4.9	NW	2.4	W	2.9	3.0
22	W	2.6	W	5.3	W	5.3	NW	3.2	W	1.9	W	0.5	3.1
23	—	0.3	W	1.8	W	2.3	W	2.7	W	3.0	W	2.0	1.9
24	W	1.8	W	2.9	W	1.3	WSW	2.9	W	2.7	WSW	0.9	2.0
25	—	0.0	—	0.0	—	0.0	—	0.0	—	0.0	—	0.0	0.2
26	SW	1.9	WSW	2.8	—	0.0	—	0.2	W	2.1	W	1.3	1.2
27	WNW	1.6	—	0.1	W	0.6	WSW	2.8	WSW	1.2	WSW	0.8	0.5
28	WSW	0.8	WSW	1.8	SSW	1.2	SSW	1.8	SSW	1.9	SW	2.1	1.6
29	WSW	2.9	W	2.1	W	2.6	W	2.5	W	1.9	SW	3.1	2.1
30	—	0.4	—	0.0	W	2.1	W	0.9	—	0.0	—	0.0	0.6
31													
平均 Mean		1.6		2.1		2.5		2.9		1.7		1.6	1.8

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	0.0	—	0.1	0.3	0.2	0.0	0.6
2	—	—	—	—	0.0	—	0.0
3	—	—	—	0.0	0.0	—	0.0
4	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—
7	—	—	—	—	—	0.0	0.0
8	0.8	—	—	—	—	—	0.8
9	—	—	—	0.0	0.0	0.0	0.0
10	—	—	—	—	0.0	0.2	0.2
11	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—
14	—	0.0	—	—	—	—	0.0
15	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—
19	—	6.5	—	—	2.3	1.3	10.1
20	0.0	0.0	0.0	—	0.2	0.1	0.3
21	0.3	0.5	0.2	0.4	—	0.7	2.1
22	1.0	1.5	0.3	0.5	0.8	0.3	4.4
23	0.6	0.9	1.0	0.3	0.1	0.0	2.9
24	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—
28	—	—	—	—	—	0.0	0.0
29	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—
31							
平均 Mean	2.7	9.4	1.6	1.5	3.6	2.6	21.4

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	96.1	95.6	96.7	96.3	94.8	94.9	95.7	99.3	92.3	7.0
2	90.6	90.3	95.2	96.7	92.7	90.5	92.7	98.0	90.0	8.0
3	88.5	88.0	92.7	94.5	93.6	91.6	91.5	95.3	87.3	8.0
4	90.4	90.0	94.3	96.6	93.9	91.3	92.8	97.0	88.7	8.3
5	89.4	89.5	98.4	0.9	97.5	96.2	95.3	1.7	89.1	12.6
6	96.3	96.3	6.6	8.6	4.4	4.0	2.7	9.0	95.3	13.7
7	3.6	1.6	8.0	10.7	9.1	3.6	6.1	12.7	1.2	11.5
8	99.7	98.7	1.3	3.5	0.3	99.4	0.5	5.2	98.5	6.7
9	97.7	96.6	95.7	94.6	94.0	93.6	95.4	99.7	92.3	7.4
10	90.5	90.6	93.3	93.4	91.2	90.0	91.5	94.7	90.0	4.7
11	86.1	85.3	87.7	89.7	88.6	87.0	87.4	90.4	85.2	5.2
12	85.2	94.6	88.3	90.7	87.7	86.0	87.1	91.0	84.0	7.0
13	85.0	84.3	91.2	96.6	93.7	94.2	90.8	97.0	84.0	13.0
14	90.2	86.9	90.3	93.5	90.2	88.8	90.0	94.7	86.3	8.4
15	89.8	89.0	96.4	98.9	94.3	92.2	93.4	99.8	88.6	11.2
16	88.0	86.4	94.1	97.6	93.0	92.0	91.9	98.3	86.2	12.1
17	90.9	91.6	98.7	1.4	96.1	93.6	95.4	1.9	89.1	12.8
18	91.7	91.8	0.9	4.3	0.5	2.5	98.6	4.7	91.5	13.2
19	2.7	1.8	4.5	5.6	3.4	2.0	3.3	6.7	1.5	5.2
20	0.4	99.0	97.5	95.5	95.5	96.0	97.3	2.2	95.4	6.8
21	98.0	96.1	96.6	92.6	92.4	92.3	94.7	98.8	91.5	7.3
22	91.8	91.3	91.7	92.5	91.4	91.4	91.7	92.7	91.0	1.7
23	90.4	89.9	91.6	91.6	92.6	92.6	91.5	93.3	86.4	6.9
24	87.1	84.5	89.2	92.0	88.6	88.0	88.2	92.8	83.6	9.2
25	85.9	85.5	94.5	97.5	91.9	90.0	90.9	97.9	84.9	13.0
26	88.3	87.0	90.3	92.4	91.0	88.6	89.6	92.8	86.7	6.1
27	89.5	85.6	87.3	89.0	85.6	84.5	86.9	90.1	83.0	7.1
28	83.5	82.1	90.1	91.9	91.8	91.0	88.4	92.3	81.5	10.8
29	88.6	84.3	86.9	89.8	86.6	86.6	87.1	91.4	83.7	7.7
30	85.6	84.1	87.4	88.6	85.6	84.0	85.9	90.7	82.5	8.2
31										
平均 Mean	91.4	90.3	94.6	96.3	93.7	92.6	93.1	97.7	89.0	87.0

濕度 (百分率) REL. HUMIDITY. (%)

日 Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	100	91	89	84	94	88	91
2	76	79	72	68	60	65	70
3	64	71	66	91	79	73	74
4	76	74	60	43	59	69	64
5	71	77	66	55	72	73	69
6	74	75	63	52	89	96	75
7	100	94	60	65	85	75	80
8	94	97	96	93	86	90	93
9	93	89	75	65	70	70	77
10	74	79	61	47	89	85	73
11	75	71	59	46	57	58	61
12	59	60	46	40	47	55	51
13	66	69	50	40	45	57	55
14	81	78	61	37	45	54	59
15	60	65	49	31	46	62	52
16	79	82	63	38	54	77	66
17	72	73	58	47	60	82	65
18	87	89	62	46	55	57	66
19	62	98	83	80	96	100	87
20	100	100	100	97	97	88	97
21	92	92	89	75	84	90	87
22	88	89	86	84	89	89	88
23	88	89	90	80	87	87	87
24	83	84	85	67	76	84	80
25	86	90	65	51	76	85	76
26	89	87	75	71	79	88	82
27	79	68	66	62	73	75	71
28	77	82	64	65	61	93	74
29	91	89	78	53	73	73	76
30	77	79	70	61	68	74	72
31							
平均 Mean	80	82	70	61	72	77	74

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	10 s	10 n	10 n	10 n	10 s	10.0
2	10 ac	10 ck	10 sc	0 c	0 —	6.0
3	10 sk	10 s	10 n	0 —	0 —	6.0
4	0 —	1 c, s	0 —	0 —	0 —	0.2
5	5 sk	0 —	0 c	0 —	0 —	1.0
6	0 —	5 c	0 —	0 —	10 sc	3.0
7	3 sc	10 c	10 sc	10 sc	10 n	8.6
8	10 sk	10 sk	10 sk	10 sk	10 sc	10.0
9	0 s	5 s	10 n	10 n	10 sk	7.0
10	0 —	10 sc	10 sc	10 n	3 c	6.6
11	0 —	4 s	10 s	0 —	0 —	2.8
12	0 —	0 —	0 s	0 —	0 —	0.0
13	0 —	0 —	0 sk	10 cs	10 sc	4.0
14	0 —	4 sk	0 —	0 —	0 —	0.8
15	10 ck	10 c	0 —	6 c	0 —	5.2
16	0 —	8 c	0 c	0 —	0 —	1.6
17	0 —	1 c	0 sk	0 —	0 —	0.2
18	0 —	4 c	10 c	2 sk	10 sk	5.2
19	10 n	10 sk	10 s	10 n	10 n	10.0
20	10 s	10 s	10 s	10 n	10 n	10.0
21	10 n	10 n	10 sc	10 cs	10 n	10.0
22	10 n	10 n	10 n	10 n	10 n	10.0
23	10 n	10 n	10 n	10 n	10 s	10.0
24	0 —	0 —	0 —	0 —	0 —	0.0
25	0 —	0 —	0 —	0 —	0 —	0.0
26	0 —	0 —	10 ac	0 —	0 —	2.0
27	0 —	0 —	0 —	0 —	0 —	0.0
28	0 —	4 c	10 cs, ck	10 sc	10 cs	6.8
29	0 —	10 c, cs	0 —	0 —	0 —	2.0
30	0 —	0 —	0 —	0 ck	0 ck	0.0
31						
平均 Mean	3.6	5.5	5.3	4.3	4.4	4.6

日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION
178.70	30.4

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

旅順

昭和五年十一月 RYOJUN. NOVEMBER, 1930.

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	54.2	55.0	57.5	55.6	NW	10.7	WNW	10.3	NW	7.6	9.9	—	—	—	—
2	57.6	58.5	60.7	58.9	WNW	11.7	WNW	12.8	NW	12.0	12.4	—	—	—	—
3	61.3	62.3	64.4	62.7	NW	13.4	WNW	11.7	WNW	9.5	10.2	—	0.0	0.0	0.0
4	64.7	63.5	63.9	64.0	WNW	5.8	WNW	11.7	WNW	11.4	9.7	—	—	—	—
5	63.5	63.0	61.0	62.5	WNW	6.7	W	8.1	WSW	3.9	5.9	—	—	—	—
6	59.4	58.6	57.9	58.6	WSW	2.6	WSW	6.5	SSW	2.3	4.0	—	—	—	—
7	57.2	55.2	54.1	55.5	SW	1.4	SW	3.8	SSW	1.0	2.5	—	—	—	—
8	54.0	53.8	53.1	53.6	WSW	2.4	WSW	5.3	—	0.2	2.1	—	—	—	—
9	54.0	57.7	59.4	57.0	NE	8.5	NE	5.5	E	3.3	5.2	—	—	—	—
10	57.3	56.9	59.7	58.0	SSE	1.3	W	6.4	NE	12.8	4.9	—	0.5	2.1	2.6
11	62.2	64.7	65.0	64.0	ESE	1.5	N	7.7	NW	5.8	6.4	0.5	0.8	—	1.3
12	61.3	62.2	65.4	63.0	WNW	14.2	ENE	6.3	E	1.9	6.5	—	—	—	—
13	63.5	62.2	62.5	62.7	SE	5.8	SW	6.1	—	0.4	4.1	—	—	—	—
14	64.8	66.3	66.1	65.7	NE	3.5	ENE	3.9	ESE	2.7	3.3	—	—	—	—
15	61.2	63.3	66.1	63.5	ESE	9.2	ENE	3.3	E	1.8	4.1	14.7	9.2	—	23.9
16	66.4	65.4	64.3	65.4	NE	2.3	S	2.5	SSE	1.6	1.9	—	—	—	—
17	62.6	63.5	64.8	63.6	SW	1.3	ENE	5.6	NE	3.2	3.1	—	—	—	—
18	63.3	60.6	57.9	60.6	ESE	4.2	S	4.3	SSW	7.0	4.9	—	—	—	—
19	55.7	55.4	58.2	56.4	NW	5.6	WSW	5.8	N	3.0	4.8	0.4	0.1	2.7	3.2
20	58.3	58.8	57.6	58.2	NNW	6.4	NNW	8.2	WNW	6.4	6.2	1.2	0.6	0.0	1.8
21	54.2	53.7	56.8	54.9	WNW	11.7	N	3.2	NE	3.6	5.8	—	—	0.3	0.3
22	58.3	59.9	62.2	60.1	NNW	3.6	NNW	6.4	N	2.0	4.6	—	—	—	—
23	62.7	63.3	65.3	63.8	ESE	2.5	NNE	4.7	NNW	3.5	2.7	—	—	—	—
24	66.0	66.2	66.2	66.1	ENE	5.7	N	5.8	ENE	3.0	4.0	—	—	—	—
25	64.9	63.5	63.8	64.1	NE	1.6	WNW	7.2	NW	3.9	3.5	—	—	—	—
26	63.0	63.3	64.7	63.7	NNW	2.5	WNW	5.4	NE	5.8	4.2	—	—	—	—
27	64.6	64.7	64.7	64.7	NE	2.4	NE	3.7	NE	3.3	4.4	—	—	—	—
28	62.1	57.3	56.7	58.7	SE	2.9	SW	7.4	WNW	6.7	6.7	—	0.9	2.6	3.5
29	58.3	58.2	59.4	58.6	ENE	9.3	ENE	4.1	ENE	5.0	6.0	—	—	—	—
30	61.0	62.7	65.1	62.9	NE	7.7	NNW	7.1	NNE	2.1	5.7	—	—	—	—
31															
平均 Mean	60.6	60.7	61.5	60.9		5.6		6.4		4.6	5.3	16.8	12.1	7.7	36.6

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 SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION. (mm)
1	4.8	6.5	4.2	5.2	6.8	2.8	4.0	44	35	40	40	0 sk	3 sk	8 sk	3.7	7.07	7.1
2	4.6	6.0	3.0	4.5	7.0	2.3	4.7	34	30	41	35	9 sk	10 c, sk	8 sk	6.0	7.75	1.9
3	99.2	99.8	0.4	99.8	3.0	97.3	5.7	50	40	41	44	10 sk	10 n	10 sk	10.0	2.57	4.2
4	0.4	5.4	6.0	3.9	6.6	99.5	7.1	45	33	40	39	1 sk	7 sk	0 sk	2.7	6.40	5.2
5	6.7	11.5	8.5	8.9	12.3	5.3	7.0	48	38	55	47	0 —	0 sk	0 —	0.0	8.90	4.0
6	8.0	14.7	10.2	11.0	15.2	6.5	8.7	60	38	70	56	0 —	0 —	10 cs	3.3	9.10	3.4
7	9.4	16.8	11.2	12.5	17.3	8.3	9.0	88	46	92	75	4 c	6 —	0 —	1.3	9.20	2.2
8	10.0	15.8	11.3	12.4	17.0	8.9	8.1	86	67	79	77	10 c	8 c, sk	10 sc, sk	9.3	6.43	3.2
9	6.0	6.6	99.5	4.0	11.5	98.5	13.0	50	34	51	45	10 cs	4 c	10 kc, sk	8.0	8.02	2.6
10	99.2	8.0	99.4	2.2	9.5	96.7	12.8	54	54	67	58	0 —	10 n	10 sk	6.7	3.91	1.7
11	95.2	96.8	98.2	96.7	1.0	94.0	7.0	88	47	48	61	10 sk	10 sk	0 sk	6.7	1.00	2.0
12	5.3	4.0	97.0	2.1	7.4	95.8	11.6	39	48	46	44	8 sk, kc	3 sk	0 —	3.7	8.73	2.7
13	0.0	9.4	4.8	4.7	10.0	95.7	14.3	55	40	53	49	0 sk	0 sk	0 —	0.0	5.39	2.0
14	0.6	3.5	2.4	2.2	6.7	98.8	7.9	70	29	62	54	6 c	0 kc, sk	10 sk	5.3	7.00	3.3
15	3.3	2.8	0.5	2.2	6.3	0.2	6.1	96	92	73	87	10 n	10 s	0 sk	6.7	0.48	1.0
16	98.8	6.8	5.2	3.6	7.2	97.5	9.7	64	61	67	64	0 —	10 c, sk	5 sk	5.0	7.28	1.9
17	5.6	7.7	1.3	4.9	11.0	0.5	10.5	79	66	80	75	5 sk	0 sk	0 —	1.7	8.30	1.8
18	3.6	12.2	11.5	9.1	13.0	99.4	13.6	100	77	89	89	2 kc, sk	10 c, cs	3 sk	5.0	6.60	2.3
19	7.0	7.8	2.2	5.7	12.8	1.0	11.8	77	62	89	76	0 —	10 sk	10 sk	6.7	4.54	1.8
20	1.8	2.1	4.3	2.7	5.1	0.7	4.4	70	68	51	63	10 n	10 n	0 sk	6.7	0.00	3.0
21	6.0	8.1	1.6	5.2	9.2	99.1	10.1	49	43	48	47	0 —	9 kc	10 s	6.3	5.11	2.3
22	99.5	0.4	99.0	99.6	2.3	97.2	5.1	41	41	44	43	6 cs	3 sk	0 sk	3.0	6.35	2.2
23	96.5	0.6	98.7	98.6	2.3	95.1	7.2	61	51	51	54	0 sk	10 sk, kc	0 —	3.3	4.13	1.5
24	97.3	1.5	97.9	98.9	2.3	96.1	6.2	60	51	58	56	2 sk	9 sk	10 sk	7.0	4.63	1.6
25	0.0	5.8	2.8	2.9	6.7	95.6	11.1	73	37	52	54	10 sc	0 sk	0 —	3.3	6.15	2.8
26	3.2	7.8	98.4	3.1	8.5	97.7	10.8	58	40	55	51	0 —	0 sk	0 —	0.0	8.55	2.6
27	98.1	3.6	98.0	99.9	4.2	97.0	7.2	50	36	41	42	0 —	0 sk	0 —	0.0	8.21	2.5
28	99.0	6.0	5.5	3.5	7.2	95.8	11.4	50	87	75	71	10 sk	10 sk	10 s	10.0	0.00	1.1
29	0.2	2.4	97.5	0.0	6.0	96.8	9.2	85	38	49	57	0 —	9 cs, c	10 kc, sk	6.3	6.00	3.0
30	96.5	99.4	95.8	97.2	0.0	95.0	5.0	53	45	52	50	3 cs	10 sk	10 sk	7.7	46.5	1.9
31																	
平均 Mean	2.2	6.0	2.5	3.6	7.8	99.2	8.7	63	49	59	57	4.2	5.8	4.8	4.9	172.45	79.5

* 重力ノ更正 Reduction to standard gravity ····· — 0.4
海面ヘノ更正 Reduction to mean sea level ····· + 7.5

鞍　山

昭和五年十一月　　ANZAN.　　NOVEMBER, 1930.

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	55.6	56.2	59.9	57.2	—	0.0	W	2.3	SSW	2.1	1.9	4.0	—	—	4.0
2	58.2	60.0	62.7	60.3	SW	2.3	W	5.8	WSW	3.2	3.6	—	—	—	—
3	63.5	63.6	66.2	64.4	SW	1.4	W	4.7	WNW	0.9	2.5	—	—	—	—
4	66.8	65.7	65.9	66.1	W	1.4	WNW	2.5	SSW	2.3	1.6	—	—	—	—
5	66.1	66.5	63.3	65.3	—	0.0	SW	4.1	SSW	3.5	2.4	—	—	—	—
6	59.7	59.8	59.9	59.8	SW	8.8	WSW	9.9	SW	1.8	6.6	—	—	—	—
7	58.3	56.7	57.2	57.4	SW	5.3	WSW	10.5	SW	4.2	6.2	—	—	—	—
8	56.6	56.3	58.2	57.0	SW	4.1	WSW	8.8	E	4.7	5.7	—	—	—	—
9	59.6	62.1	63.8	61.8	E	1.8	NNE	9.3	NE	2.3	5.1	—	—	—	—
10	62.2	59.0	63.7	61.6	—	0.3	W	3.5	NNW	6.2	2.9	—	—	—	—
11	65.1	67.2	68.1	66.8	—	0.0	N	7.3	—	0.0	3.9	—	—	—	—
12	65.5	67.8	68.4	67.2	—	0.0	NNE	6.1	ESE	0.8	2.1	—	—	—	—
13	68.6	66.8	67.2	67.5	SSW	0.9	SW	1.8	SE	0.6	1.5	—	0.1	0.0	0.1
14	70.5	70.9	69.9	70.4	ESE	2.7	ENE	1.8	—	0.0	1.9	—	—	—	—
15	69.0	68.5	71.1	69.5	—	0.0	NNE	3.5	NE	2.4	1.8	—	—	—	—
16	69.9	69.3	68.6	69.3	ENE	0.6	ENE	1.8	—	0.0	0.8	—	—	—	—
17	66.5	68.5	68.3	67.8	ESE	0.8	WNW	4.3	SSW	0.6	1.7	—	—	—	—
18	67.7	64.4	62.2	64.8	SE	0.7	SSW	5.9	SSE	4.7	3.9	—	—	0.0	0.0
19	58.0	50.5	61.2	59.6	SSE	5.3	W	3.5	NNW	1.5	2.9	16.2	0.0	5.7	21.9
20	60.8	61.4	59.5	60.6	N	2.8	NNW	1.8	SW	3.4	2.3	2.8	10.4	—	13.2
21	55.4	56.7	59.1	57.1	WSW	4.3	N	6.9	N	8.3	4.4	—	0.0	—	0.0
22	60.7	63.0	65.3	63.0	NNW	5.8	NNW	5.8	SW	2.3	3.2	—	—	—	—
23	66.2	67.6	69.2	67.7	NW	1.7	NNE	3.8	NE	0.6	1.8	—	—	—	—
24	69.9	70.2	69.9	70.0	N	2.8	NE	0.9	—	0.0	0.8	—	—	—	—
25	69.7	67.3	67.5	68.2	SSW	1.8	—	0.0	SSE	1.4	0.9	—	—	—	—
26	66.4	67.7	68.7	67.6	S	1.3	ESE	1.8	ESE	1.8	1.4	—	—	—	—
27	69.1	69.6	70.1	69.6	E	1.2	ESE	2.7	ESE	1.2	1.5	—	—	—	—
28	66.3	62.3	59.9	62.8	—	0.0	WNW	1.4	SE	0.9	1.1	—	0.6	5.0	5.6
29	62.5	64.0	65.6	64.0	E	1.2	NE	2.9	E	0.8	1.5	0.0	—	—	0.0
30	65.7	66.9	67.7	66.8	—	0.0	NNW	2.0	S	1.0	0.9	—	—	—	—
31															
平均 Mean	64.0	64.2	64.9	64.4		2.0		4.2		2.1	2.6	23.0	11.1	10.7	44.8

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	96.0	0.6	94.1	96.9	0.8	89.0	11.8	63	62	85	70	3 sk	8 sc	0 —	3.7	4.90	1.4
2	94.1	99.6	94.6	96.1	99.9	92.0	7.9	76	46	72	65	0 —	0 —	0 —	0.0	9.00	2.2
3	88.0	97.5	93.0	92.8	98.3	87.8	10.5	67	51	69	62	0 —	10 cs	0 —	3.3	7.20	2.3
4	91.2	0.0	96.6	95.9	1.2	91.1	10.1	75	42	63	60	0 —	0 —	0 —	0.0	9.20	2.8
5	95.0	6.5	3.6	1.7	7.1	94.1	13.0	88	37	62	62	0 —	0 —	5 cs	1.7	9.10	2.6
6	6.8	13.3	4.6	8.2	13.4	3.4	10.0	72	51	63	62	3 cs	1 ck	0 —	1.3	8.10	3.6
7	8.0	15.1	9.5	10.9	16.0	4.2	11.8	48	53	73	58	0 —	4 ck	0 —	1.3	7.90	3.7
8	10.3	13.6	6.4	10.1	15.0	6.1	8.9	66	70	61	66	9 sk	10 sk	10 cs	9.7	0.00	2.6
9	2.2	99.7	95.8	99.2	6.5	95.6	10.9	88	46	73	69	10 ck	3 ck	0 —	4.3	7.90	2.4
10	91.7	2.2	95.2	96.4	2.7	91.1	11.6	83	44	53	60	0 —	10 cs	0 —	3.3	3.40	2.0
11	91.3	93.2	90.2	91.6	95.4	90.2	5.2	80	36	71	62	0 —	10 cs	0 —	3.3	4.90	1.9
12	94.4	96.2	91.8	94.1	96.9	89.4	7.5	65	30	73	56	10 sk	0 —	0 —	3.3	7.90	1.7
13	89.6	97.2	96.0	94.3	98.2	88.9	9.4	64	84	94	81	0 —	10 n	0 —	3.3	0.90	0.9
14	92.0	95.6	91.4	93.0	96.3	90.6	5.7	73	52	86	70	0 —	0 k	0 —	0.0	8.60	1.8
15	94.3	99.3	95.0	96.2	96.0	90.9	5.1	80	56	82	73	10 cs	7 cs	0 —	5.7	4.70	1.6
16	91.4	99.2	95.6	95.4	99.9	89.8	10.1	86	39	78	68	0 —	8 cs	5 cs	4.3	7.80	2.0
17	96.6	2.9	96.0	98.5	3.2	93.8	9.4	79	42	89	70	8 sk	1 sk	0 —	3.0	5.10	2.2
18	93.2	9.2	6.6	3.0	10.1	92.8	17.3	87	56	81	75	0 —	4 ck	10 n	4.7	7.00	2.1
19	4.2	4.2	99.4	2.6	7.6	99.1	8.5	93	93	90	92	8 sk	10 n	10 n	9.3	0.00	2.1
20	98.2	98.6	93.6	96.8	99.6	93.6	6.0	95	78	94	89	10 n	10 sk	0 —	6.7	0.00	1.0
21	1.2	0.4	96.0	99.2	2.9	92.3	10.6	73	56	48	59	10 sk	10 sk	0 —	6.7	2.40	2.2
22	93.6	96.0	91.8	93.8	96.5	91.7	4.8	64	50	70	61	0 —	9 cs	0 —	3.0	6.60	1.5
23	90.8	95.7	93.6	93.4	95.7	88.1	7.6	72	50	73	65	0 —	8 cs	0 —	2.7	7.10	1.5
24	92.3	95.8	91.7	93.3	96.5	89.0	6.6	84	68	89	80	0 —	0 —	0 —	0.0	8.20	1.0
25	90.2	98.8	93.6	94.2	99.3	88.7	10.6	92	58	90	80	0 —	0 —	0 —	0.0	8.10	1.1
26	92.6	98.0	93.3	94.6	98.7	90.3	8.4	81	48	90	73	0 —	0 —	0 —	0.0	7.60	1.2
27	90.7	94.0	89.2	91.3	94.4	89.2	5.2	82	70	85	79	0 —	0 —	0 —	0.0	8.00	1.0
28	86.8	95.0	96.6	92.8	96.7	86.8	9.9	91	88	97	92	0 —	10 k	10 n	6.7	0.00	0.9
29	89.2	92.0	90.0	90.4	97.3	85.4	11.9	92	73	85	83	0 —	9 sk	10 sk	6.3	5.10	0.8
30	84.0	92.2	85.6	87.3	93.0	82.3	10.7	89	74	81	81	0 —	0 —	0 —	0.0	6.70	1.1
31																	
平均 Mean	94.7	0.1	95.7	96.8	1.2	91.9	9.2	78	57	77	71	2.7	5.1	2.0	3.3	173.40	55.2

※ 重力ノ更正　Reduction to standard gravity……— 0.3
海面ヘノ更正　Reduction to mean sea level……+ 3.8

開　原
KAIYUAN.

昭和五年十一月　　NOVEMBER, 1930.

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	50.0	49.7	51.7	50.5	SSW	3.2	WSW	4.9	SW	5.3	3.8	1.0	0.1	—	1.1
2	51.6	52.2	54.7	52.8	SSW	5.6	WSW	7.6	WSW	6.0	6.0	—	0.0	0.0	0.0
3	55.5	54.7	57.7	56.0	SSW	5.0	SSW	11.4	WSW	3.3	6.5	—	—	0.0	0.0
4	58.4	59.0	59.7	59.0	SW	6.1	WSW	5.8	SSW	2.3	5.2	—	—	—	—
5	60.5	60.2	57.5	59.4	S	2.9	SSW	5.6	S	2.9	3.7	—	—	—	—
6	52.7	52.6	53.7	53.0	S	5.6	SW	12.3	SSW	3.4	7.6	—	—	—	—
7	52.2	49.9	51.3	51.1	SSE	4.7	SSW	11.7	SSW	7.6	7.4	—	—	—	—
8	50.8	50.5	53.5	51.6	SW	5.1	WSW	10.2	ESE	0.8	4.6	—	0.0	—	0.0
9	53.8	55.9	58.1	55.9	SSW	1.4	NW	4.3	NW	2.0	3.3	—	—	—	—
10	56.2	54.4	58.7	56.4	S	1.1	SW	2.6	NW	4.6	3.1	—	—	0.2	0.2
11	58.6	59.8	61.4	59.9	WNW	5.1	WNW	7.6	WSW	3.7	4.7	—	—	—	—
12	59.4	61.2	62.4	61.0	S	2.2	NW	4.7	WSW	1.5	2.9	—	—	—	—
13	62.8	61.2	61.3	61.8	SSW	2.3	SSW	5.3	SW	0.8	3.0	—	—	—	—
14	64.1	65.5	65.1	64.9	NW	1.9	NNW	1.5	SSE	1.8	1.7	—	—	—	—
15	63.5	62.8	63.7	63.3	E	1.4	W	2.6	N	2.5	1.8	—	—	—	—
16	64.3	63.9	63.7	64.0	NW	0.5	NW	1.5	S	1.4	1.3	—	—	—	—
17	61.8	62.2	63.4	62.5	E	1.4	NE	2.1	ENE	1.2	1.5	—	—	—	—
18	62.2	59.4	58.5	60.0	—	0.4	S	8.6	S	3.5	3.6	—	—	—	—
19	59.0	53.2	55.5	55.9	SW	9.3	WNW	0.5	NW	1.5	2.5	6.1	0.3	3.8	10.2
20	54.4	54.2	54.1	54.2	N	4.1	NW	2.9	SSW	2.9	2.9	0.0	0.1	0.4	0.5
21	48.9	49.0	51.4	49.8	SW	7.6	NW	5.8	W	2.7	5.0	0.2	0.0	1.1	1.3
22	53.3	56.0	58.2	55.8	WNW	4.3	WNW	2.5	SW	3.1	3.3	0.4	0.0	0.0	0.4
23	59.7	60.7	63.1	61.2	SSW	1.3	SW	3.6	W	1.4	2.2	—	—	—	—
24	64.1	64.3	64.2	64.2	W	1.4	SW	1.7	ENE	0.7	1.8	—	—	—	—
25	63.8	61.9	60.5	62.1	NE	0.6	SSW	3.9	S	3.5	2.2	—	—	—	—
26	61.1	62.0	63.4	62.2	SW	1.3	W	3.5	S	2.5	2.4	—	—	—	—
27	62.9	64.3	64.7	64.0	WNW	2.5	SSW	1.1	SSE	2.6	1.6	—	—	—	—
28	61.9	57.4	55.4	58.2	E	1.2	ENE	0.8	S	1.5	1.4	—	—	2.4	2.4
29	56.5	58.2	59.3	58.0	SSE	1.5	N	1.2	S	0.9	1.4	0.2	—	—	0.2
30	59.8	60.5	61.6	60.6	S	4.1	S	1.3	S	3.5	2.5	—	—	—	—
31															
平均 Mean	58.1	57.9	58.9	58.3		3.2		4.6		2.7	3.4	7.9	0.5	7.9	16.3

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	96.1	96.9	94.6	95.9	98.8	94.0	4.8	89	66	69	75	10 n	7 k	4 c	7.0	2.40	1.5
2	89.7	96.8	93.1	93.2	97.4	88.6	8.8	67	61	63	64	0 —	10 n	10 cs, ck	6.7	5.90	1.3
3	87.3	94.5	93.6	91.8	96.3	85.5	10.8	87	91	55	78	10 sc	10 n	2 c	7.3	2.00	1.4
4	90.9	98.2	94.1	94.4	98.5	89.5	9.0	66	35	68	56	0 —	0 k	0 —	0.0	8.50	1.8
5	91.2	2.4	99.8	97.8	3.3	90.3	13.0	83	60	59	67	0 —	0 —	3 c	1.0	9.20	1.9
6	3.3	10.5	6.3	6.7	10.8	99.8	11.0	70	63	79	71	6 c	3 k	0 —	3.0	8.00	3.0
7	3.5	13.7	9.9	9.0	13.8	2.9	10.9	69	52	75	65	0 —	6 k, sk	10 sk	5.3	6.10	3.6
8	8.4	9.1	1.2	6.2	11.2	0.6	10.6	84	74	86	81	10 sk	10 n	10 cs	10.0	0.00	1.7
9	0.5	97.8	94.2	97.5	1.2	94.0	7.2	88	37	85	70	10 cs	0 —	0 —	3.3	8.30	1.6
10	90.8	98.8	92.7	94.1	99.2	90.2	9.0	85	31	81	66	10 c	10 sk	0 —	6.7	5.10	1.9
11	89.0	90.7	89.9	89.9	92.7	88.6	4.1	59	40	44	48	0 —	10 kc	0 —	3.3	3.30	1.6
12	88.7	93.2	89.7	90.5	93.8	87.0	6.8	69	30	77	59	8 c	0 —	0 —	2.7	7.90	1.7
13	87.5	98.0	92.9	92.8	98.5	86.1	12.4	66	24	87	59	0 —	7 kc	0 —	2.3	5.20	1.5
14	89.7	95.1	89.4	91.4	96.5	88.8	7.7	70	38	81	63	0 —	0 —	0 —	0.0	7.80	1.2
15	86.7	99.3	92.9	93.0	99.7	86.1	13.6	87	39	72	66	0 —	1 c	0 —	0.3	8.90	1.3
16	89.2	97.6	92.2	93.0	98.6	87.4	11.2	92	58	64	71	0 —	2 c	0 —	0.7	7.10	1.2
17	94.1	0.6	92.7	95.8	0.9	90.5	10.4	68	90	90	83	7 k	10 kc	0 —	5.7	0.00	0.9
18	91.0	6.5	5.8	1.1	6.8	90.4	16.4	89	38	64	64	0 —	8 k	10 n	6.0	6.60	2.2
19	4.8	5.0	0.5	3.4	5.8	0.4	5.4	86	91	94	90	10 n	10 n	10 n	10.0	0.00	0.7
20	99.8	97.3	96.6	97.9	0.5	96.4	4.1	93	82	89	88	10 n	10 n	4 c	8.0	0.00	0.6
21	97.5	99.0	94.6	97.0	99.7	93.2	6.5	92	47	88	76	10 h	10 sk	10 n	10.0	4.40	0.8
22	92.2	93.9	93.5	93.2	94.6	90.2	4.4	90	61	73	75	10 n	10 sc	10 sc	10.0	1.80	1.1
23	86.2	93.0	93.7	91.0	93.8	84.8	9.0	94	66	69	76	0 —	6 kc	10 sk	5.3	2.80	0.9
24	89.1	95.0	88.7	90.9	95.4	85.2	10.2	88	57	96	80	0 —	0 —	0 —	0.0	7.90	0.9
25	86.0	97.8	90.8	91.5	98.2	85.2	13.0	95	61	85	80	0 —	0 —	0 —	0.0	7.70	1.2
26	88.8	96.8	89.4	91.7	97.4	87.1	10.3	88	54	81	74	0 —	0 —	0 —	0.0	7.30	1.1
27	87.5	92.0	84.1	87.9	92.0	83.8	8.2	87	58	79	75	0 —	0 —	0 —	0.0	7.60	0.8
28	81.1	92.7	93.0	88.9	93.7	80.2	13.5	81	69	90	80	0 —	10 sk	10 n	6.7	0.00	0.6
29	82.2	89.5	86.5	86.1	93.0	79.9	13.1	88	77	95	87	5 k	8 c	8 cs	7.0	6.70	0.8
30	81.0	91.9	83.2	85.4	91.9	80.0	11.9	87	55	83	75	0 —	0 —	0 —	0.0	5.50	0.9
31																	
平均 Mean	91.8	98.1	94.0	94.6	99.1	89.6	9.6	82	57	77	72	3.9	5.3	3.7	4.3	153.10	41.7

* 重力ノ更正　Reduction to standard gravity……— 0.2
海面ヘノ更正　Reduction to mean sea level……+ 9.1

鄭家屯

昭和五年十一月 CHENGCHIATUN. NOVEMBER, 1930.

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	47.6	47.7	49.7	48.3	W	3.7	NW	3.8	WNW	3.0	3.5	0.5	0.0	0.0	0.5
2	50.8	49.4	52.7	51.0	W	5.4	WNW	8.5	WNW	5.7	6.7	—	—	—	—
3	51.0	51.5	55.0	52.5	W	7.5	WNW	11.1	WNW	6.8	8.4	—	—	0.0	0.0
4	55.6	55.9	57.5	56.3	W	6.2	WNW	6.7	WSW	4.1	6.2	—	—	—	—
5	57.9	57.1	55.1	56.7	W	2.0	WSW	5.8	SSW	3.9	3.2	—	—	—	—
6	51.5	50.0	51.5	51.0	S	2.9	SW	7.6	SE	1.4	4.0	—	—	—	—
7	48.9	47.8	50.6	49.1	SSW	3.3	SW	9.6	NNE	2.3	3.9	—	—	—	—
8	50.8	50.1	52.7	51.2	NNE	1.5	NW	3.7	—	0.0	1.9	—	—	—	—
9	52.8	54.6	56.6	54.7	SW	0.9	NW	6.5	NNW	3.4	3.7	—	—	—	—
10	55.3	53.9	57.3	55.5	WNW	1.4	S	1.6	NNW	4.1	2.6	—	—	0.2	0.2
11	56.3	57.7	59.7	57.9	WNW	6.3	NW	5.9	WNW	3.7	5.8	—	—	—	—
12	60.7	59.3	60.8	60.3	W	1.7	NNW	4.1	NW	1.2	2.9	—	—	—	—
13	61.7	58.5	60.1	60.1	WSW	2.1	SW	6.9	SW	1.5	2.9	—	—	—	—
14	62.8	64.0	63.6	63.5	NNW	4.2	NW	2.5	SSW	0.6	2.3	—	—	—	—
15	62.1	61.9	63.9	62.6	S	2.2	NNW	3.2	N	2.9	2.4	—	—	—	—
16	63.5	62.6	62.5	62.9	N	2.0	WSW	0.7	S	1.8	1.4	—	—	—	—
17	59.7	61.3	61.6	60.9	SSE	3.5	WNW	1.1	S	1.1	1.6	—	—	—	—
18	61.6	56.8	57.9	58.8	—	0.0	SSW	5.3	S	2.8	2.7	—	—	—	—
19	54.1	52.9	55.1	54.0	ESE	2.0	E	0.8	NNW	1.9	1.7	6.7	1.4	2.0	10.1
20	54.8	52.2	51.1	52.7	N	6.9	NNW	5.1	SSW	2.4	4.6	—	0.3	0.8	1.1
21	48.4	54.3	50.5	51.1	WSW	4.1	NNE	4.5	NNW	3.9	3.4	0.5	0.1	0.2	0.8
22	51.4	54.1	57.3	54.3	NNW	2.9	WNW	4.7	WSW	2.0	3.9	0.1	—	—	0.1
23	48.5	58.8	61.6	56.3	NW	4.6	WNW	4.0	NW	2.9	3.3	—	—	—	—
24	63.5	62.9	63.1	63.2	—	0.0	WNW	3.2	—	0.0	1.4	—	—	—	—
25	60.3	60.2	59.7	60.1	—	0.0	—	0.0	S	1.2	0.1	—	—	—	—
26	59.0	60.3	61.9	60.4	W	2.1	NNW	4.4	W	0.5	2.0	—	—	—	—
27	62.0	62.7	61.7	62.1	NNW	4.2	WNW	1.9	WSW	1.3	2.7	—	—	—	—
28	59.3	55.4	54.7	56.5	—	0.0	SSW	2.7	—	0.0	1.7	—	—	0.2	0.2
29	54.8	55.9	57.9	56.2	NW	2.5	SSW	0.8	WSW	1.0	1.8	—	—	—	—
30	57.4	53.7	60.2	57.1	NNW	3.1	NNW	5.0	WNW	3.3	3.3	—	—	—	—
31															
平均 Mean	56.1	56.1	57.5	56.6		3.0		4.4		2.4	3.2	7.8	1.8	3.4	13.0

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	96.0	97.8	96.1	96.6	98.5	95.3	3.2	94	80	86	87	10 n	10 n	0 —	6.7	1.14	1.7
2	93.9	97.7	94.0	95.2	98.2	93.6	4.6	91	68	88	82	0 —	4 cs	10 kc, sc	4.7	7.26	3.5
3	90.5	97.0	93.8	93.8	97.7	90.2	7.5	89	46	65	67	0 —	10 n	0 —	3.3	5.12	3.2
4	92.7	99.1	95.3	95.7	0.1	92.4	7.7	93	19	73	62	0 —	0 —	0 —	0.0	9.27	3.5
5	93.2	5.9	99.9	99.7	6.5	92.3	14.2	82	38	70	63	0 —	0 —	5 c, cs	1.7	9.18	2.5
6	99.6	9.5	0.4	3.2	11.2	98.4	12.8	88	42	92	74	0 —	0 —	0 c	0.0	8.49	2.5
7	2.4	10.7	3.0	5.4	11.0	99.4	11.6	87	63	65	72	10 n	9 n	10 n	9.7	5.44	2.4
8	97.8	0.6	0.4	99.6	4.3	97.3	7.0	95	84	86	88	10 n	10 n	8 c, kn	9.3	1.40	1.4
9	96.2	96.1	91.2	94.5	0.5	90.9	9.6	84	33	60	59	0 —	0 —	0 —	0.0	9.11	2.8
10	90.4	96.5	90.3	92.4	97.2	89.0	8.2	64	81	79	75	7 c	10 n	0 —	5.7	3.67	1.8
11	87.4	90.5	88.2	88.7	91.8	86.9	4.9	61	40	49	50	0 —	6 c	0 —	2.0	8.55	1.9
12	86.3	91.2	88.6	88.7	92.7	85.7	7.0	69	37	69	58	0 —	0 —	0 —	0.0	8.75	2.4
13	83.9	98.3	92.3	91.5	99.5	83.8	15.7	84	23	87	65	0 —	0 —	0 —	0.0	8.96	2.4
14	87.4	94.3	89.1	90.3	95.4	85.8	9.6	83	32	85	67	0 —	0 —	0 —	0.0	8.86	1.4
15	87.7	96.8	92.8	92.4	97.8	87.5	10.3	91	44	69	68	0 —	0 —	0 —	0.0	8.49	2.0
16	88.3	98.2	94.3	93.6	98.9	87.2	11.7	92	78	72	81	0 —	5 c	0 —	1.7	7.27	1.8
17	94.5	99.5	92.9	95.6	0.9	92.4	8.5	77	93	90	87	6 sc	0 —	0 —	2.0	3.20	1.2
18	92.0	4.3	2.7	99.7	5.4	90.9	14.5	90	57	76	74	5 s	3 c	0 —	2.7	7.46	2.3
19	2.4	2.4	0.6	1.8	3.3	0.3	3.0	98	96	96	97	10 ≡	10 ≡	10 n	10.0	0.00	0.2
20	95.6	96.1	96.0	95.9	1.1	94.8	6.3	94	86	100	93	10 n	10 n	8 n, sc	9.3	0.00	0.1
21	99.6	94.5	92.7	95.6	0.5	92.6	7.9	69	91	97	86	10 n	10 n	10 n	10.0	0.90	0.6
22	90.7	93.2	90.6	91.5	94.1	89.0	5.1	92	63	79	78	0 —	9 kc	0 —	3.0	5.75	0.7
23	87.4	93.8	92.1	91.1	94.4	86.9	7.5	75	65	80	73	7 n	10 kc, cs	2 c	6.3	3.94	1.4
24	86.2	94.8	88.7	89.9	95.5	85.6	9.9	91	53	91	78	0 —	0 —	0 —	0.0	8.53	1.4
25	85.0	96.2	87.9	89.7	97.5	84.5	13.0	90	59	91	80	0 —	0 —	0 —	0.0	8.28	1.3
26	88.1	95.5	89.3	91.0	96.1	87.4	8.7	75	59	88	74	0 —	0 —	0 —	0.0	8.32	1.7
27	85.4	91.3	84.2	87.0	92.0	83.8	8.2	91	54	97	81	0 —	0 —	0 —	0.0	6.65	1.7
28	81.6	92.3	91.6	88.5	92.6	80.5	12.1	87	73	97	86	0 —	10 n	8 sc	6.0	2.47	0.6
29	86.3	93.9	88.3	89.5	94.4	85.4	9.0	91	53	96	80	0 —	2 c	2 c	1.3	8.68	1.1
30	86.6	91.7	87.1	88.5	92.2	84.1	8.1	82	54	87	74	0 —	4 c	0 —	1.3	6.51	1.7
31																	
平均 Mean	91.2	97.3	93.1	93.9	98.7	89.8	8.9	85	59	82	75	2.8	4.4	2.4	3.2	179.83	53.2

* 重力ノ更正 Reduction to standard gravity ……— 0.1
海面ニノ更正 Reduction to mean sea level……+ 11.3

洮南

昭和五年十一月 **TONAN.** NOVEMBER, 1930.

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	42.7	42.4	43.0	42.7	WNW	4.0	NW	4.4	WSW	3.8	3.9	1.5	0.1	0.0	1.6
2	41.9	42.3	44.9	43.0	W	4.5	W	10.5	W	11.7	6.8	0.0	—	—	0.0
3	43.9	44.7	45.8	45.8	WSW	4.7	NW	8.0	W	6.4	6.2	—	—	—	—
4	49.0	49.3	52.0	50.1	W	2.9	W	8.8	W	4.0	4.7	—	—	—	—
5	52.3	51.7	47.9	50.6	SW	3.9	SW	5.9	S	5.4	4.0	—	—	—	—
6	43.7	44.2	46.7	44.9	S	5.3	W	6.7	W	4.3	4.4	—	—	—	—
7	44.0	44.2	47.3	45.2	SSW	4.7	NW	4.5	NW	3.3	2.9	—	—	—	—
8	47.7	46.6	47.6	47.3	N	3.2	N	5.5	N	0.7	2.8	—	4.2	0.2	4.4
9	47.8	50.6	51.9	50.1	W	4.9	WNW	6.8	W	2.3	4.0	—	—	—	—
10	51.4	51.0	51.7	51.4	W	1.6	WNW	2.7	WSW	4.0	2.1	—	—	—	—
11	51.1	52.3	53.9	52.4	WSW	2.9	WNW	7.3	WSW	3.5	4.2	—	—	—	—
12	54.6	54.9	55.6	55.0	W	2.3	WNW	4.3	WSW	3.2	2.9	—	—	—	—
13	55.4	54.3	56.5	55.4	SW	2.3	W	4.1	NNW	3.9	2.6	—	—	—	—
14	60.0	59.0	56.3	58.4	NW	1.8	SSW	3.6	SSE	3.2	2.7	—	—	—	—
15	58.1	59.5	60.2	59.3	S	2.9	NNW	5.8	NNW	0.6	3.0	—	—	—	—
16	59.2	58.3	56.5	58.0	WNW	0.9	SW	1.3	S	2.4	1.6	—	—	—	—
17	56.7	57.5	57.1	57.1	—	0.2	N	0.9	NE	3.2	1.7	—	—	—	—
18	51.8	51.9	52.7	53.1	SSE	1.4	S	6.2	SE	3.6	3.3	—	—	—	—
19	52.1	51.4	53.8	52.4	N	2.9	N	9.2	NNW	12.7	7.4	—	0.9	0.0	0.9
20	52.3	48.5	44.7	48.5	NNW	10.0	NW	5.3	NW	3.3	6.3	2.5	0.1	—	2.6
21	42.5	44.4	46.3	44.4	NW	10.3	NW	6.0	NW	6.1	6.5	—	1.8	5.5	7.3
22	47.9	49.4	51.9	49.7	NW	2.7	WNW	4.7	W	4.2	3.5	2.7	—	—	2.7
23	53.2	55.1	57.8	55.4	W	4.5	NW	5.7	W	3.5	3.8	—	—	—	—
24	59.1	57.9	53.8	56.9	WNW	2.2	W	1.8	WSW	0.6	2.1	—	—	—	—
25	57.1	55.1	54.6	55.6	WNW	2.2	WSW	1.5	WSW	2.8	1.9	—	—	—	—
26	55.3	58.0	57.6	56.3	W	2.6	WNW	1.2	NW	2.0	2.6	—	—	—	—
27	57.9	57.3	57.0	57.4	W	1.8	WSW	3.7	WSW	4.1	3.5	—	—	—	—
28	53.6	49.5	48.5	50.5	SW	2.3	SSW	3.6	WSW	6.8	3.6	—	—	—	—
29	51.2	51.8	53.0	52.0	WNW	2.0	W	4.7	WSW	2.8	2.3	—	—	—	—
30	51.3	53.8	54.5	53.2	W	4.7	WNW	4.7	W	4.7	3.5	—	—	—	—
31															
平均 Mean	51.6	51.5	52.1	51.7		3.4		5.0		4.1	3.7	6.7	7.1	5.7	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	93.8	95.9	92.3	94.0	98.3	91.0	7.3	94	65	56	72	10 n	10 n	3 s	7.7	1.71	1.0
2	91.6	98.7	91.3	93.9	98.7	90.3	8.4	76	76	22	58	2 c	5 cs	2 c	3.0	8.96	1.9
3	91.4	97.5	93.1	94.0	98.3	90.0	8.3	62	26	45	44	3 sc	6 kc	0 —	3.0	7.68	2.3
4	90.9	98.8	93.6	94.4	99.9	90.3	9.6	69	63	53	62	0 —	0 —	0 —	0.0	9.34	2.2
5	95.3	4.4	1.3	0.3	4.8	91.0	13.8	86	36	47	56	10 sk	3 sk	10 cs	7.7	9.37	2.5
6	97.7	7.1	98.8	1.2	8.9	97.3	11.6	77	34	63	58	8 s	0 —	10 cs	6.0	6.36	1.9
7	96.6	1.9	98.2	98.9	3.4	95.2	8.2	87	56	95	79	10 sc	10 sc	1 c	7.0	5.20	1.1
8	96.7	97.0	96.7	96.8	98.5	96.0	2.5	79	100	97	92	10 s	10 n	10 n	10.0	0.00	0.4
9	89.7	92.1	91.8	91.2	97.0	87.8	9.2	85	56	88	76	9 sk	9 n	0 —	6.0	3.29	0.9
10	82.9	89.7	83.7	85.4	90.4	81.4	9.0	63	79	58	67	10 s	10 s	0 —	6.7	0.00	0.6
11	79.3	89.3	81.5	83.4	89.6	78.4	11.2	86	49	88	74	0 —	4 c	0 —	1.3	7.24	0.9
12	76.6	88.7	80.9	82.1	89.2	75.6	13.6	67	53	44	55	0 —	0 —	0 —	0.0	9.03	0.9
13	78.7	95.1	89.5	87.8	95.5	77.1	18.4	71	52	51	58	0 —	10 sc	0 —	3.3	5.96	0.9
14	78.3	91.5	90.5	86.8	92.4	78.1	14.3	85	59	48	64	0 —	10 s	0 —	3.3	7.15	1.0
15	84.1	94.4	84.5	87.7	94.6	84.0	10.6	84	55	36	58	0 —	1 c	0 —	0.3	8.52	1.0
16	80.2	94.1	91.9	88.7	95.2	80.2	15.0	80	74	81	78	0 —	10 cs	0 —	3.3	8.00	0.8
17	90.9	97.2	92.4	93.5	98.7	90.5	8.2	93	67	87	82	10 n	4 s	0 —	4.7	6.16	0.9
18	88.5	2.3	98.7	96.5	2.9	88.2	14.7	95	55	93	81	3 c	7 c	0 —	3.3	5.61	1.1
19	96.8	97.2	95.9	96.8	99.0	95.5	3.5	97	95	89	94	10 n	10 s	10 n	10.0	0.00	0.7
20	93.3	97.3	93.7	94.8	98.2	93.2	5.0	94	65	70	76	10 n	10 s	10 s	10.0	1.51	0.7
21	95.3	93.7	92.1	93.7	98.4	91.5	6.9	86	97	93	92	10 s	10 n	10 n	10.0	0.00	0.3
22	90.2	93.7	91.2	91.8	95.0	88.9	6.1	85	60	73	73	10 n	7 c, cs	0 —	5.7	5.78	1.1
23	90.0	95.1	85.3	90.1	95.7	85.3	10.4	75	61	91	76	0 —	10 s	0 —	3.3	1.09	1.0
24	84.5	96.1	87.3	89.3	98.4	83.3	15.1	90	63	91	81	0 —	0 —	0 —	0.0	8.64	1.1
25	84.3	95.7	84.5	87.5	94.2	80.4	13.8	90	70	70	77	0 —	0 —	0 —	0.0	8.30	0.8
26	86.7	95.1	83.9	88.6	93.4	83.8	12.6	75	52	89	72	0 —	0 —	0 —	0.0	8.01	0.9
27	85.5	92.7	82.1	86.8	93.9	77.4	15.6	86	58	88	77	0 —	0 —	0 —	0.0	8.41	0.9
28	77.7	90.9	87.7	85.4	91.6	77.2	14.4	77	89	76	81	0 —	0 —	0 —	0.0	8.38	1.0
29	81.2	92.1	82.9	85.4	92.8	79.6	13.2	81	69	68	73	0 —	0 —	0 —	0.0	8.21	0.5
30	80.3	90.8	83.2	84.8	91.6	80.3	11.3	87	37	83	69	0 —	0 —	0 —	0.0	8.27	0.8
31																	
平均 Mean	87.6	95.5	90.0	91.0	96.7	86.0	10.7	82	62	71	72	4.2	5.2	2.2	3.9	176.18	32.1

* 重力ノ更正 Reduction to standard gravity ..... — 0.0
海面ヘノ更正 Reduction to mean sea level ..... + 14.8

齊々哈爾

昭和五年十一月 TSITSIKHAR. NOVEMBER, 1930.

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	40.9	38.1	40.3	39.8	NNE	6.5	NNW	12.3	NW	6.8	5.5	—	0.2	0.1	0.3
2	39.0	38.8	39.9	39.2	WNW	3.8	WNW	2.7	WNW	6.7	2.9	—	—	—	—
3	39.6	42.0	45.2	42.3	WNW	3.7	NNW	6.0	NW	7.4	5.5	—	0.0	0.1	0.1
4	45.1	45.1	49.0	46.4	W	3.1	WNW	6.4	WNW	7.0	4.8	—	—	—	—
5	50.4	49.6	46.3	48.8	W	1.8	SSW	3.0	—	0.0	1.4	—	—	—	—
6	41.2	42.2	46.1	43.2	—	0.0	—	0.0	WSW	2.7	1.2	—	—	—	—
7	46.2	44.4	46.4	45.7	NE	2.9	NNE	6.7	NNE	3.7	3.6	—	—	—	—
8	47.4	47.2	46.8	47.1	NNE	4.1	NNE	3.2	NNE	3.5	3.5	—	—	0.0	0.0
9	46.0	48.1	50.7	48.3	N	2.4	NW	7.4	NW	3.4	4.4	1.7	0.3	—	2.0
10	49.3	48.5	49.0	48.9	WNW	2.4	WNW	4.0	WNW	6.1	3.6	—	—	—	—
11	46.9	49.0	51.2	49.0	NW	5.0	NW	6.5	NW	5.4	6.2	—	0.1	—	0.1
12	52.1	52.3	58.5	54.3	NW	4.1	NW	3.0	WNW	2.9	3.3	—	—	—	—
13	53.4	53.6	57.1	54.7	W	1.3	W	1.6	NW	1.2	1.9	—	—	—	—
14	56.7	56.5	56.7	56.6	NW	1.5	WSW	4.0	SSW	1.2	1.7	—	—	—	—
15	56.8	58.5	59.5	58.3	WNW	3.2	NNW	2.2	NE	0.9	1.8	—	—	—	—
16	57.8	5.65	56.4	56.9	NNW	2.5	W	1.8	SSW	2.0	1.6	—	—	—	—
17	56.8	57.5	56.9	57.1	—	0.3	SE	0.5	SSE	3.0	1.1	—	—	—	—
18	54.3	52.7	52.8	53.3	—	0.0	SSE	4.8	ESE	2.3	2.2	—	—	—	—
19	52.4	53.7	55.2	53.8	NE	0.9	NNE	6.1	N	8.8	3.8	0.0	0.8	0.3	1.1
20	51.7	47.0	42.6	47.1	NNE	6.4	N	1.3	—	0.0	3.1	—	—	—	—
21	41.4	41.2	44.3	42.3	—	0.0	N	15.4	N	6.1	4.7	3.1	0.2	0.4	3.7
22	44.7	46.2	49.2	46.7	NNW	10.4	NNW	9.2	NW	5.1	6.7	0.2	0.1	—	0.3
23	50.6	52.8	55.6	53.0	NNW	6.1	N	6.8	NW	2.9	5.0	0.0	0.0	—	0.0
24	55.3	55.7	55.8	55.6	NNW	3.5	NW	3.3	WNW	2.2	2.9	—	—	—	—
25	55.6	53.6	53.1	54.1	WNW	2.1	W	0.8	WNW	0.9	1.6	—	—	—	—
26	52.8	53.9	55.3	54.0	NNW	3.3	NNW	4.1	WNW	3.4	3.7	0.0	—	—	0.0
27	54.2	53.4	53.2	53.6	WNW	5.4	W	6.0	WNW	2.5	3.2	—	—	—	—
28	50.5	46.8	46.8	48.0	SW	4.6	SSW	1.8	NNW	3.0	1.2	—	—	—	—
29	48.7	49.7	50.6	49.7	NW	2.5	NW	2.0	W	2.7	1.9	—	—	—	—
30	50.7	51.1	52.1	51.3	NNW	0.8	WNW	5.6	NW	3.1	3.0	—	—	—	—
31															
平均 Mean	49.6	49.5	50.8	50.0		3.2		4.6		3.6	3.2	5.0	1.7	0.9	7.6

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	94.6	94.5	93.0	94.0	97.3	92.3	5.0	64	70	78	71	10 kn	10 n	10 kn	10.0	0.00	1.1
2	90.6	96.5	94.2	93.8	97.5	90.1	7.4	82	48	50	60	10 kn	10 kn	10 kn	10.0	3.30	1.5
3	91.6	95.7	91.9	93.1	97.0	90.3	6.7	83	75	81	80	0 —	10 n	5 sk	5.0	0.00	2.3
4	89.5	97.4	90.5	92.5	99.0	87.8	11.2	74	42	64	60	10 kn	2 cs	0 —	4.0	6.20	2.1
5	88.4	1.9	98.0	96.1	3.4	87.5	15.9	84	35	87	69	0 —	2 c	10 cs	4.0	9.00	2.1
6	95.0	3.2	94.5	97.6	5.0	94.2	10.8	77	50	70	66	2 kc	3 cs	4 ck	3.0	4.70	1.7
7	96.6	1.7	99.0	99.1	4.9	93.5	11.4	68	62	88	73	10 sk	10 sc	10 sk	10.0	1.00	1.5
8	91.0	95.7	94.3	93.7	99.6	90.9	8.7	72	73	80	75	10 cs	10 sk	10 n	10.0	0.00	0.7
9	93.0	92.7	85.1	90.3	95.0	84.8	10.2	87	50	66	68	10 n	8 kn	4 cs	7.3	4.73	1.4
10	84.5	90.5	86.1	87.0	91.0	83.5	7.5	75	61	72	69	10 kn	10 sc, sk	10 cs	10.0	7.06	1.0
11	85.9	90.0	83.9	86.6	90.7	83.7	7.0	81	54	73	69	10 cs, n	1 c	1 sc	4.0	7.62	1.3
12	84.0	89.4	83.2	85.5	90.5	80.7	9.8	63	49	73	62	5 ck	2 cs	0 —	2.3	8.30	1.2
13	81.9	9.00	81.0	84.3	90.9	79.3	11.6	70	54	76	67	8 ck	4 k	0 —	4.0	6.84	1.0
14	79.1	91.6	85.8	85.5	93.5	78.2	15.3	71	48	81	67	0 —	8 cs, ck	0 —	2.7	7.36	1.3
15	82.9	93.2	86.6	87.6	94.5	81.2	13.3	78	48	77	68	0 —	0 —	0 —	0.0	8.22	0.9
16	80.3	92.2	88.2	86.9	93.7	79.3	14.4	80	59	55	65	0 —	10 sc	0 —	3.3	7.16	0.8
17	86.6	96.9	89.5	91.0	97.9	84.6	13.3	87	50	77	71	0 —	0 —	0 —	0.0	8.13	1.0
18	88.0	98.4	96.7	94.4	99.3	87.5	11.8	79	62	81	74	10 cs	10 kn	5 kn	8.3	5.09	0.7
19	97.5	96.6	92.9	95.7	98.2	92.8	5.4	84	94	78	85	10 n	10 n	10 n	10.0	0.00	0.5
20	90.6	96.1	92.0	92.9	97.4	90.0	7.4	79	57	83	73	10 kn	3 kn	10 kn	7.7	2.52	0.1
21	90.0	93.1	92.0	91.7	95.6	89.8	5.8	81	84	81	82	10 n	10 n	10 n	10.0	0.00	0.1
22	91.3	93.6	92.1	92.3	94.6	91.1	3.5	83	73	67	74	10 n	4 ck	10 kn	8.0	3.19	1.8
23	92.4	96.0	86.5	91.6	96.5	86.2	10.3	75	46	73	65	10 n	1 ck	0 —	3.7	8.20	1.3
24	87.1	97.2	87.2	90.5	98.0	85.2	12.8	73	54	75	67	0 —	0 —	0 —	0.0	4.57	1.5
25	83.5	92.5	84.9	87.3	94.8	82.7	12.1	78	53	86	72	0 —	8 cs	0 —	2.7	8.10	1.2
26	90.3	92.8	83.7	88.9	93.4	83.2	10.2	70	48	63	60	10 n	0 —	0 —	3.3	6.66	1.2
27	80.7	90.5	83.5	84.9	91.6	79.6	12.0	82	48	63	64	0 —	1 ck	0 —	0.3	8.15	0.9
28	80.7	91.7	84.8	85.7	92.7	79.6	13.1	80	62	70	71	0 —	4 c	6 c, cs	3.3	4.52	1.0
29	80.1	89.3	82.4	83.9	90.3	79.0	11.3	67	59	77	68	0 —	0 —	0 —	0.0	8.00	0.7
30	79.5	87.2	78.2	81.6	87.8	76.8	11.0	78	54	77	70	0 —	0 —	0 —	0.0	7.75	1.0
31																	
平均 Mean	87.6	94.3	88.7	90.2	95.7	85.5	10.2	77	57	74	69	5.5	5.0	4.2	4.9	156.37	34.9

* 重力ノ更正 Reduction to standard gravity……+ 0.1
海面ヘノ更正 Reduction to mean sea level……+ 20.0

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印刷所　小林又七支店

昭和五年十二月

滿洲氣象表

REPORT

OF THE

METEOROLOGICAL OBSERVATIONS

MADE AT THE

METEOROLOGICAL STATIONS

IN

MANCHURIA.

DECEMBER, 1930.

PUBLISHED BY THE METEOROLOGICAL OBSERVATORY, DAIREN.

凡　例

本編ハ昭和五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, 1930.

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 usous 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
電雪	⌈⌉	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	Y	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012ノ數字ヲ記ス例ヘバ

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

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

地震震度階級 *Intensity of earthquakes*

微震	$⦶^{(1)}$	slight	弱震(弱キ方)	$⦶^{(2)}$	moderate	弱震	$⦶^{(3)}$	rather strong
強震(弱キ方)	$⦶^{(4)}$	strong	強震	$⦶^{(5)}$	very strong	烈震	$⦶^{(6)}$	disastrous

大　連

昭和五年十二月　　DAIREN.　　DECEMBER, 1930.

氣壓 (粍) AIR PRESSURE. (mm) (700 mm +)

日 Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	62.7	60.7	59.8	57.2	57.3	58.3	59.3
2	60.1	61.9	64.7	63.6	64.9	66.0	63.6
3	66.6	68.2	70.3	69.7	69.9	69.3	69.0
4	68.4	67.0	67.5	65.7	66.0	66.3	66.8
5	66.2	65.5	66.2	64.4	65.0	64.8	65.4
6	64.2	63.2	63.4	61.4	61.5	61.3	62.5
7	61.1	60.6	61.0	59.2	59.3	59.3	60.1
8	59.3	59.3	60.6	59.9	61.2	61.6	60.3
9	61.4	60.7	60.9	59.0	59.4	58.5	60.0
10	58.1	56.8	56.2	54.0	53.7	53.3	55.4
11	53.6	55.5	58.8	58.9	60.1	62.0	58.2
12	61.0	60.2	60.6	58.9	62.9	65.4	61.5
13	66.6	66.2	66.9	64.5	64.9	64.5	65.6
14	64.2	62.7	62.6	62.5	63.8	64.3	63.4
15	62.8	61.2	61.3	59.6	61.9	64.1	61.8
16	64.9	64.0	63.9	61.2	59.7	58.0	62.0
17	56.4	55.1	55.1	52.9	52.2	53.1	54.1
18	53.7	55.1	57.3	56.7	59.0	61.3	57.2
19	62.0	62.4	63.5	62.9	62.0	62.9	62.6
20	63.9	63.0	63.0	62.9	63.1	63.4	63.2
21	64.3	64.1	65.6	64.5	64.6	64.7	64.6
22	64.6	64.5	66.8	65.4	66.2	65.9	65.6
23	65.[illegible]	64.0	63.5	60.6	59.7	60.8	62.3
24	60.8	60.2	60.7	59.5	60.4	60.3	60.3
25	59.5	58.3	58.3	56.9	57.1	57.4	57.9
26	57.8	57.1	57.9	55.2	54.4	55.3	56.3
27	55.8	57.1	59.3	56.6	57.0	58.1	57.3
28	58.9	60.9	64.3	63.1	64.3	65.0	62.8
29	65.3	65.5	67.2	66.7	68.6	69.8	67.2
30	70.5	70.8	71.6	68.9	68.7	68.8	69.9
31	68.6	68.6	69.5	66.7	66.0	64.6	67.3
平均 Mean	62.2	61.9	62.9	61.3	61.8	62.2	62.0

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	ENE	2.8	ESE	1.7	NW	5.5	NW	9.3	WNW	4.0	NNW	6.6	4.5
2	N	5.8	N	6.0	NNW	4.7	N	3.9	N	2.6	E	3.6	4.5
3	E	1.7	N	3.0	N	5.3	NNW	1.7	E	1.1	S	4.4	2.4
4	SW	5.8	WSW	5.1	SW	4.0	SSW	8.9	SW	4.4	WSW	5.4	5.6
5	WSW	5.5	SW	5.3	WSW	2.3	NNW	4.7	NW	1.8	NW	2.0	3.7
6	NW	2.3	NW	1.9	NW	0.5	S	2.9	SSW	1.9	SW	2.1	2.1
7	SW	2.5	SW	6.0	WSW	4.4	SW	7.7	SSW	3.3	SSW	4.4	4.7
8	SW	4.8	WSW	4.4	NNW	5.5	N	7.4	NNW	3.8	NNW	5.3	4.9
9	NNW	5.3	NW	3.3	NNW	3.9	NNW	3.6	W	2.0	SW	5.0	3.7
10	SW	4.4	SW	3.3	SSW	6.5	SSW	7.1	SSW	6.5	SSW	5.8	5.6
11	SSW	5.3	N	6.7	N	5.7	N	7.4	N	2.9	NNW	1.2	5.1
12	—	0.3	—	0.0	NNW	1.9	NW	7.9	N	9.5	N	7.3	3.9
13	N	8.3	N	3.6	N	1.3	NW	7.8	WNW	6.3	NW	5.4	4.6
14	W	2.0	N	3.7	NW	2.6	NNW	7.8	N	5.3	SE	2.0	3.9
15	WSW	6.1	SW	6.2	W	6.5	NW	9.7	N	7.3	N	5.8	6.5
16	NE	5.0	ENE	3.4	SE	4.7	S	3.7	S	5.6	SSW	10.4	5.1
17	SSW	7.0	SW	7.6	SSW	11.4	SSW	7.6	SSW	6.6	SSW	10.2	8.3
18	SW	8.8	NNW	4.7	N	8.0	NNW	5.3	N	5.7	NNW	7.1	6.7
19	N	9.3	N	8.7	NNW	4.6	NW	4.9	NNW	6.2	N	5.5	6.7
20	NNW	3.9	NNW	8.1	NNW	6.5	NNW	9.1	N	5.1	N	6.2	7.0
21	N	7.6	N	11.4	N	12.7	N	13.4	N	8.7	N	4.2	9.8
22	N	4.4	N	7.5	N	7.1	NNW	7.4	N	4.6	S	2.5	5.8
23	WSW	2.8	WNW	1.2	NW	7.1	WNW	7.9	NW	8.6	NNW	5.7	4.9
24	NW	3.8	W	2.2	NW	1.6	NW	8.4	WNW	5.4	WSW	2.6	4.8
25	WSW	3.1	SW	5.3	WSW	5.2	W	8.1	SW	7.8	SW	8.9	5.9
26	SW	4.7	SW	5.5	SSW	7.4	S	9.3	S	5.8	SW	7.1	7.0
27	W	2.0	WSW	1.3	NW	1.6	S	4.8	—	0.0	—	0.0	2.9
28	NW	1.8	NNW	3.8	NNW	7.1	N	11.0	N	5.9	NNW	7.2	6.1
29	NNW	5.0	N	4.1	NNW	5.0	N	6.9	N	6.7	N	5.2	5.8
30	N	5.8	N	3.8	NW	2.4	NNE	0.7	NE	2.0	NE	1.5	3.2
31	N	1.3	NE	3.4	NE	5.1	ENE	6.1	NE	5.1	NE	6.4	4.0
平均 Mean		4.5		4.6		5.1		6.9		4.9		5.1	5.2

降水量 (粍) AMOUNT OF PRECIPITATION. (mm)

日 Day	22-2h	2-6h	6-10h	10-14h	14-18h	18-22h	計 Total
1	—	—	—	—	0.0	—	0.0
2	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—
4	—	1.0	—	—	—	—	1.0
5	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—
8	—	—	0.0	—	—	—	0.0
9	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—
12	—	—	—	0.9	0.0	—	0.9
13	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—
23	—	—	—	—	0.0	—	0.0
24	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—
31	—	0.1	0.1	2.7	0.7	0.0	3.5
平均 Mean	—	0.1	0.1	3.6	0.7	0.0	5.4

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	95.4	95.7	0.1	2.7	1.7	1.6	99.5	4.0	94.5	9.5
2	97.2	94.8	95.2	96.2	94.8	95.4	95.6	1.8	94.2	7.6
3	95.7	95.4	97.0	98.6	97.2	98.8	97.1	99.4	94.5	4.9
4	2.0	3.0	6.9	7.6	4.1	3.7	4.6	8.5	98.8	9.7
5	4.5	4.6	7.1	5.6	2.0	99.7	3.9	8.4	99.5	8.9
6	99.2	98.3	1.8	7.2	5.3	4.8	2.8	7.7	98.0	9.7
7	4.7	5.3	8.6	7.9	5.1	5.4	6.2	10.3	4.4	5.9
8	6.1	5.9	2.6	2.8	98.6	97.2	2.2	6.5	97.2	9.3
9	96.6	96.4	0.0	2.4	1.6	2.4	99.9	2.8	96.3	6.5
10	3.3	4.5	7.7	8.5	6.8	7.2	6.3	9.4	2.4	7.0
11	7.0	3.1	2.5	2.4	99.9	98.3	2.2	7.9	97.9	10.0
12	98.5	99.5	2.7	3.4	98.9	97.2	0.0	4.8	97.0	7.8
13	96.1	95.6	99.4	0.2	99.2	99.0	98.3	1.3	95.2	6.1
14	99.5	99.3	1.0	0.2	97.4	95.2	98.8	2.0	95.0	7.0
15	99.3	1.2	5.1	5.5	99.2	97.1	1.2	6.4	95.0	11.4
16	95.5	94.8	99.8	1.0	2.1	4.5	99.6	4.7	94.3	10.4
17	4.9	5.0	7.7	8.5	6.2	6.9	6.5	9.1	4.1	5.0
18	6.0	99.6	97.5	99.4	96.8	97.0	99.4	7.1	96.5	10.6
19	95.3	93.2	95.4	95.7	95.3	96.6	95.3	96.9	92.9	4.0
20	95.6	94.4	96.4	97.8	96.4	96.2	96.1	98.5	94.2	4.3
21	96.0	93.0	92.8	93.6	93.2	93.1	93.6	96.4	92.0	4.4
22	91.6	92.3	93.2	95.6	94.0	92.5	93.2	95.9	91.1	4.8
23	96.0	95.4	99.8	0.7	98.2	97.5	97.9	0.8	92.4	8.4
24	96.0	95.0	97.2	99.2	97.8	97.9	97.2	99.3	94.5	4.8
25	99.0	0.4	3.1	5.0	1.5	1.8	1.8	6.0	97.7	8.3
26	1.3	1.5	5.3	5.8	3.4	3.3	3.4	7.2	0.9	6.3
27	3.0	1.3	4.3	6.6	3.0	2.3	3.4	7.6	0.5	7.1
28	99.5	96.5	95.7	95.8	92.6	91.2	95.2	2.5	91.1	11.4
29	90.7	90.4	92.4	94.2	91.4	90.3	91.6	94.4	89.9	4.5
30	89.1	88.0	90.6	94.4	92.6	93.6	91.4	95.1	87.6	7.5
31	95.5	96.5	96.1	97.4	97.3	97.3	96.7	97.7	93.5	4.2
平均 Mean	98.7	98.1	0.2	1.4	99.1	98.9	99.4	3.2	95.9	7.3

濕度 (百分率) REL. HUMIDITY. (%)

日 Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	51	52	46	47	46	45	48
2	54	45	34	40	63	72	51
3	81	78	35	33	37	68	55
4	82	63	50	51	57	64	61
5	56	57	64	71	83	89	70
6	84	92	79	63	77	79	79
7	79	74	62	61	77	73	71
8	70	82	63	50	64	57	64
9	67	65	54	66	71	77	67
10	79	75	64	68	76	78	73
11	78	49	47	32	52	65	54
12	70	67	61	54	56	48	59
13	44	47	45	35	44	50	44
14	46	50	47	39	40	49	45
15	52	44	47	36	38	39	43
16	43	50	53	74	74	70	61
17	66	69	60	57	75	83	68
18	88	93	72	54	52	43	67
19	44	46	39	45	41	28	41
20	30	32	28	20	25	26	27
21	39	38	45	42	49	46	43
22	47	44	38	40	43	53	44
23	42	47	40	34	34	36	38
24	40	43	42	38	45	43	42
25	45	39	36	28	49	43	40
26	43	49	47	36	49	41	44
27	43	57	45	42	66	69	54
28	80	51	47	36	53	50	53
29	49	54	53	51	51	48	51
30	35	37	30	27	40	55	37
31	75	94	97	87	89	84	88
平均 Mean	58	58	51	47	55	57	54

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 sc	3 k	6 k	3 sk	0 sk	2.6
2	0 —	0 —	0 —	0 —	3 sk	0.6
3	0 —	0 —	0 —	0 sk	0 —	0.0
4	10 sk, n	3 sk	0 k	0 —	0 —	2.6
5	4 c	10 c, cs, k	1 s, k	0 —	0 —	3.0
6	2 ck	10 c	3 c, k	10 s, sk	10 kc	7.0
7	1 k	3 k	10 c, sc	6 sc	10 cs	6.0
8	10 n	0 c	0 c	0 —	0 —	2.0
9	0 —	0 —	0 k	10 sk	0 —	2.0
10	10 cs	10 c, cs	10 cs, c	2 sc	0 —	6.4
11	0 —	0 —	10 c	0 —	0 —	2.0
12	10 cs	10 sc	6 sk	3 sk	4 sk	6.6
13	0 —	4 kc	0 sk	0 —	0 —	0.8
14	8 s	0 k	0 k	0 —	0 —	1.6
15	0 —	1 s, k	0 —	0 —	0 —	0.2
16	0 —	1 sk	10 sk	7 sk	4 sk	4.4
17	0 —	0 —	0 —	0 —	0 —	0.0
18	10 s	1 c	0 —	0 —	0 —	2.2
19	0 sk	10 sk	10 sk	10 sk	5 c	7.0
20	2 sc	10 cs	10 sc	6 ck	0 —	5.6
21	10 ck	10 cs, kc	2 c	0 —	0 —	4.4
22	0 —	0 —	0 —	0 —	0 —	0.0
23	2 sc	10 c, k	10 sc, cs, k	10 c, cs	0 sk	6.4
24	0 sk	1 sk	0 —	0 —	0 —	0.2
25	0 —	0 —	0 —	0 —	0 —	0.0
26	0 —	7 c	10 c, ck	0 —	0 —	3.4
27	0 —	0 —	0 —	0 —	0 —	0.0
28	0 —	0 c	0 —	0 —	0 —	0.0
29	0 —	0 —	0 sk	0 —	0 —	0.0
30	1 sk	0 —	0 —	0 —	10 kc	2.2
31	10 n	10 n	10 n	10 n	10 n	10.0
平均 Mean	2.9	3.7	3.5	2.5	1.8	2.9

日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
5.95	2.7
9.10	1.4
8.50	1.7
8.10	2.4
6.10	1.3
6.20	1.5
8.30	1.8
7.20	2.5
8.10	1.2
3.85	2.1
8.20	2.4
3.40	3.2
8.90	1.9
7.40	2.8
8.10	2.6
2.90	2.0
8.40	1.9
6.60	3.0
0.00	3.0
3.90	3.7
4.75	2.7
8.00	1.9
4.00	2.3
7.40	1.8
7.90	2.8
7.45	4.7
7.60	2.3
8.00	2.5
7.80	2.0
7.20	1.0
0.00	1.0
199.30	70.1

* 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

昭和五年十二月　　DAIREN.　　DECEMBER, 1930.

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	1.7	1.7	2.1	2.6	2.4	2.3	2.1	96.5	0.6	99.2	98.8	99.9	0.9	2.3	3.5	7.0	10.5	12.8	14.1	14.7	91.0	9.7
2	2.0	1.4	1.9	1.4	2.0	2.4	1.7	97.2	0.2	97.5	98.3	99.0	0.7	2.0	3.2	6.8	10.4	12.7	14.1	14.5	91.0	3.9
3	2.7	2.5	1.9	1.3	1.4	2.9	2.0	96.7	0.5	97.6	98.3	99.2	0.3	1.7	3.0	6.5	10.2	12.5	13.9	14.5	91.6	4.5
4	4.3	3.6	3.7	4.0	3.5	3.8	3.8	99.8	2.2	0.0	0.7	99.9	0.3	1.6	2.9	6.5	10.2	12.5	13.9	14.5	97.0	15.1
5	3.5	3.0	4.8	4.8	4.4	4.0	4.2	99.8	2.2	99.7	0.6	0.1	0.3	1.7	2.8	6.2	10.0	12.3	13.7	14.4	96.2	15.6
6	3.6	3.7	4.1	4.8	5.1	5.0	4.4	99.0	1.9	1.0	0.6	0.3	0.4	1.7	3.0	6.3	9.9	12.2	13.7	14.3	95.8	11.8
7	5.9	4.9	5.3	4.9	5.0	4.8	5.0	1.2	5.8	7.5	4.8	0.7	0.8	1.9	3.0	6.1	9.5	12.0	13.4	14.2	1.6	8.5
8	4.9	5.7	3.4	2.8	2.7	2.1	3.6	3.8	4.0	99.3	2.4	3.2	2.2	2.7	3.5	6.1	9.4	11.9	13.4	14.0	95.6	8.3
9	2.4	2.3	2.5	3.6	3.7	4.2	3.1	98.2	1.2	0.0	99.8	1.0	1.7	2.9	3.8	6.3	9.2	11.7	13.2	14.0	93.8	8.1
10	4.6	4.7	5.0	5.7	5.7	6.0	5.3	0.2	6.8	3.5	3.5	1.2	1.4	2.6	3.6	6.4	9.2	11.6	13.2	14.0	0.4	12.6
11	5.8	2.8	2.5	1.7	2.3	2.6	3.0	2.0	3.4	99.6	1.7	2.8	3.0	3.8	4.5	6.5	9.2	11.5	13.1	13.8	94.9	8.4
12	2.9	3.0	3.4	3.2	2.4	1.8	2.8	99.8	3.6	99.0	0.8	1.2	1.9	3.1	4.2	6.5	9.1	11.5	12.9	13.8	95.4	10.0
13	1.5	1.5	1.9	1.6	1.9	2.1	1.8	97.4	0.7	98.1	98.7	0.5	1.4	2.7	3.8	6.5	9.0	11.3	12.9	13.7	93.0	8.7
14	2.9	2.2	2.3	1.8	1.5	1.5	1.9	98.5	0.7	97.2	98.5	0.3	0.8	2.2	3.5	6.3	8.9	11.3	12.9	13.7	91.6	8.2
15	2.3	2.2	3.1	2.4	1.7	1.4	2.2	98.7	2.2	98.3	99.7	99.9	0.5	1.9	3.1	6.1	8.9	11.1	12.8	13.6	92.8	12.0
16	1.4	1.6	2.4	3.7	3.9	4.4	2.9	96.7	1.1	0.5	99.4	99.6	0.4	1.8	3.0	6.0	8.9	11.0	12.[illegible]	13.5	91.2	8.4
17	4.3	4.5	4.7	4.7	5.3	6.1	4.9	0.3	4.5	3.0	2.6	0.2	0.5	1.7	2.8	5.8	8.7	11.0	12.4	13.5	2.0	13.1
18	6.1	4.2	2.7	2.4	1.9	1.6	3.2	1.9	2.4	98.9	1.1	1.5	1.3	2.1	3.0	5.7	8.6	10.9	12.4	13.3	95.0	6.8
19	1.4	1.3	1.3	1.5	1.4	1.0	1.3	97.3	99.4	98.0	98.2	0.3	1.0	2.1	3.0	5.7	8.4	10.7	12.4	13.2	91.8	98.2
20	1.0	1.0	1.0	0.8	0.9	0.9	0.9	96.9	0.2	97.0	98.0	99.1	0.4	1.8	2.9	5.9	8.5	10.7	12.3	13.2	92.8	2.8
21	1.3	1.0	1.2	1.2	1.4	1.3	1.2	96.8	98.0	95.9	96.9	99.1	0.2	1.5	2.5	5.5	8.4	10.5	12.3	13.1	90.6	97.5
22	1.2	1.1	1.1	1.3	1.3	1.4	1.2	95.7	99.0	94.2	96.3	97.7	99.6	1.2	2.2	5.5	8.4	10.5	12.2	13.0	88.5	0.2
23	1.4	1.5	1.8	1.6	1.4	1.1	1.5	94.3	1.4	97.3	97.7	97.7	99.1	0.8	1.7	5.2	8.2	10.5	12.0	13.0	99.2	5.7
24	1.4	1.4	1.6	1.6	1.8	1.7	1.6	94.3	1.0	95.7	97.0	97.5	99.0	0.5	1.5	5.4	8.1	10.3	12.0	12.8	90.8	6.0
25	1.9	1.8	2.1	1.9	2.5	2.3	2.1	97.0	2.5	93.8	99.4	93.5	98.9	0.4	1.3	4.7	7.9	10.3	12.0	12.8	94.4	12.6
26	2.2	2.5	3.1	2.5	2.8	2.4	2.6	98.2	3.5	99.5	0.4	99.4	99.4	0.5	1.5	4.6	7.9	10.2	11.8	12.8	98.2	13.0
27	2.4	2.9	2.8	3.1	3.8	3.7	3.1	97.4	3.3	98.2	99.8	99.5	99.6	0.5	1.5	4.5	7.7	10.0	11.7	12.6	96.9	12.7
28	3.5	1.8	1.6	1.2	1.4	1.2	1.8	96.9	99.3	94.3	96.8	99.2	99.5	0.6	1.6	4.5	7.6	10.0	11.7	12.6	89.5	4.2
29	1.1	1.2	1.4	1.5	1.2	1.0	1.2	93.5	98.6	93.0	95.0	98.9	98.8	0.4	1.3	4.5	7.4	10.0	11.5	12.6	87.6	99.0
30	0.7	0.7	0.7	0.8	1.0	1.6	0.9	91.5	99.0	94.8	95.1	95.3	97.3	99.7	1.0	4.3	7.4	9.7	11.5	12.5	85.6	2.3
31	2.5	3.3	3.3	3.3	3.4	3.2	3.2	97.2	98.7	98.7	98.2	98.0	98.1	99.2	0.5	4.0	7.3	9.6	11.3	12.3	91.8	99.9
平均 Mean	2.7	2.5	2.6	2.6	2.6	2.6	2.6	97.9	1.5	98.6	99.3	99.6	0.3	1.6	2.7	5.7	8.8	11.1	12.7	13.5	93.5	7.3

記　事 REMARKS.

日 Day			
1	⊔°a.	⚹ 15h20-15h25.	□¹a.
2			□¹a.p.
3	⊔¹a.		□¹a.p.
4		△°2h45-△13h05-△°⚹°3h20-⚹°3h30 3h50.	□¹a.
5	⊔¹p.		□°p.
6	∞¹⊔²a.		□°a.
7	∞°a.▽ p.		
8		●°6h35 8h17.	□°¹p.
9	∞°p.		□¹a.
10	▽¹a.⊕°p.		
11			□°p.
12	▽¹∞°a.	⚹°11h20-⚹11h25-⚹°11h42-11h50. ⚹°15h31-15h45.	□□°a.p.
13			□¹a.p.
14	∞²a.		□¹a.p.
15			□ p.
16			□¹p.
17		✓22h. ✓3.10.22h	
18			□¹a.p.
19			□²a.p.
20	⊕°a.	✓13h.	□²a.p.
21		✓4-17h.	□²a.p.
22	∞°p.		□²a.p.
23	⊕°p.	⚹°15h48-16h03.	□¹a.p.
24			□¹a.p.
25			□¹a.
26			
27	∞°a.∞¹p.		□°p.
28	⊔°a.	✓11,14-15h.	□°a.p.
29			□²a.p.
30			□²a.p.
31	⊠p.	⚹°4h48-⚹°△°13h05-⚹°13h50-18h35.⚹°21h47-	□¹a.p.

營口

昭和五年十二月 **YINGKOW.** DECEMBER, 1930.

氣壓 (粍) AIR PRESSURE. (mm) (700 mm +)

Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	70.7	68.3	67.1	64.0	64.9	68.3	67.2
2	70.3	71.2	73.3	72.7	73.2	74.4	72.5
3	75.7	77.5	78.6	78.1	78.2	77.1	77.5
4	75.8	74.0	74.4	73.0	72.9	73.3	73.9
5	73.3	73.3	75.1	74.0	74.3	73.9	74.0
6	73.1	72.3	72.3	70.2	69.7	68.8	71.1
7	68.1	67.4	67.7	66.1	66.0	66.7	67.0
8	67.5	69.2	71.6	70.5	71.2	71.5	70.3
9	71.1	70.2	69.0	66.4	65.8	65.5	68.0
10	65.2	64.0	63.0	60.3	59.9	60.0	62.1
11	61.3	64.3	67.9	68.5	68.8	70.3	66.9
12	69.5	68.1	68.0	68.3	72.0	74.2	70.0
13	74.8	74.6	74.4	72.5	72.4	72.8	73.6
14	72.5	71.8	71.9	71.7	72.0	71.2	71.9
15	69.3	67.0	67.9	69.5	73.1	74.2	70.2
16	75.0	73.9	73.8	70.4	67.7	65.8	71.1
17	63.6	61.8	61.9	59.7	60.1	61.8	61.5
18	65.0	67.0	69.1	68.7	71.3	72.5	68.9
19	73.4	73.4	74.5	73.7	73.0	73.2	73.5
20	74.0	73.6	73.5	73.1	72.9	73.2	73.4
21	76.5	75.1	75.7	73.9	73.9	74.0	74.9
22	74.0	74.0	75.5	74.1	73.7	74.1	74.2
23	73.5	71.5	71.3	67.7	67.6	68.5	70.0
24	69.0	68.9	68.3	66.5	67.5	67.3	67.9
25	66.4	65.6	65.2	63.2	64.6	64.8	65.0
26	65.6	64.7	65.2	62.7	61.6	62.1	63.7
27	63.6	65.9	68.5	65.0	65.4	66.7	65.9
28	69.8	71.9	75.3	74.2	74.7	75.8	73.6
29	76.0	75.7	77.2	76.6	78.0	80.1	77.3
30	80.4	80.4	80.5	77.7	77.4	77.8	79.0
31	78.4	78.5	79.2	76.9	75.0	73.0	76.8
平均 Mean	71.0	70.8	71.5	70.0	70.3	70.7	70.7

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	SE	1.7	SE	1.8	SE	4.7	SW	3.5	WSW	0.6	N	2.9	2.6
2	NNE	3.0	ENE	1.6	E	2.3	SE	2.3	SE	1.3	SE	1.3	2.2
3	N	2.6	E	1.2	ESE	1.1	ESE	1.6	SE	1.5	SE	2.6	1.6
4	SSE	4.2	S	2.9	SSE	5.4	S	5.3	S	3.1	SE	2.9	3.7
5	S	2.5	S	1.2	N	4.5	NNE	4.4	NNE	1.9	NE	1.3	2.7
6	NE	0.9	NE	0.7	—	0.2	W	0.5	SE	1.4	BSE	1.2	0.9
7	SSE	2.3	SW	1.3	S	3.2	S	4.7	SSW	4.5	S	4.4	2.4
8	SW	3.9	NNE	5.8	NNE	5.0	NNE	5.7	NE	2.3	NE	1.8	3.9
9	N	2.9	NNE	2.5	N	1.5	S	3.5	SSE	5.9	SSE	3.7	2.9
10	SSE	3.9	SSE	4.1	SSE	6.6	SSE	8.0	SSE	6.7	SSE	4.9	5.4
11	W	4.8	NNE	3.7	N	5.3	N	3.5	NE	1.2	E	1.3	3.0
12	ESE	1.5	SE	2.3	SW	2.8	NW	6.4	N	4.7	E	0.9	2.9
13	SE	0.5	SSE	0.9	SSE	3.2	SSW	3.9	SSW	1.1	SE	1.1	1.8
14	NE	0.7	NE	1.0	NNE	0.5	NW	3.5	ENE	0.7	SSE	3.5	1.8
15	S	5.3	SW	4.7	W	5.3	N	7.8	NE	5.4	NE	2.9	5.7
16	NNE	4.1	NNE	2.7	NE	1.8	SSE	1.8	SSE	1.6	SSE	2.9	2.4
17	S	3.5	S	5.7	S	5.8	SSW	6.8	SSW	1.8	NNE	2.7	4.5
18	NE	6.4	NE	5.8	NE	5.9	NE	7.0	NE	5.8	NE	2.9	5.8
19	NNE	3.3	NNE	5.7	NE	4.4	NE	5.8	NE	2.3	NNE	2.3	3.9
20	NNE	3.2	NE	2.0	NE	2.6	NE	3.5	NE	1.3	NNE	2.5	2.7
21	NNE	5.3	NNE	5.8	NNE	8.6	N	5.7	N	3.4	N	5.5	6.0
22	N	1.9	NNE	2.7	NNE	1.3	NW	1.5	SSW	1.3	SW	1.3	2.1
23	SSE	1.2	SE	1.5	SSE	3.3	SW	5.3	W	1.7	NW	3.5	2.4
24	NW	4.6	WNW	1.4	W	3.5	W	3.8	W	1.8	SW	1.3	3.2
25	SW	1.8	SSE	1.0	S	4.1	S	5.0	S	2.6	S	3.5	2.9
26	SSW	1.8	—	0.4	SSE	2.9	S	5.7	S	3.6	SSW	2.8	3.0
27	SSW	1.8	NE	2.6	NE	3.8	NNE	1.8	NNE	0.9	NNE	1.0	2.2
28	NNE	5.1	NNE	4.1	NNE	5.7	NNE	5.7	NNE	3.7	NNE	3.3	4.8
29	NE	3.5	NE	1.8	NNE	3.5	NNE	3.5	NNE	1.3	NNE	4.2	2.7
30	NNE	2.3	NNE	1.4	NE	1.2	E	0.8	E	1.1	E	1.1	1.4
31	E	1.5	N	2.5	NNE	3.3	NE	1.6	NE	1.6	E	0.6	2.1
平均 Mean		3.0		2.7		3.7		4.2		2.5		2.5	3.1

降水量 (粍) AMOUNT OF PRECIPITATION. (mm)

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

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	85.6	85.9	95.3	1.9	93.4	92.1	92.5	2.5	84.4	18.1
2	89.9	84.8	92.0	93.4	89.7	87.3	89.5	94.9	83.6	11.3
3	89.8	86.5	93.6	94.9	90.9	90.4	91.0	95.9	85.1	10.8
4	97.1	99.5	1.9	4.0	0.9	98.3	0.3	4.3	88.8	15.5
5	98.9	98.8	93.1	93.5	93.5	94.1	95.3	0.0	91.9	8.1
6	94.0	93.1	93.0	94.9	96.9	97.5	94.9	97.8	91.2	6.6
7	1.3	99.3	2.9	6.0	3.6	3.5	2.8	6.1	96.9	9.2
8	2.7	97.0	97.0	97.9	95.4	93.6	97.3	3.5	93.0	10.5
9	92.3	91.2	95.6	99.9	1.0	1.8	97.0	2.1	89.4	12.7
10	1.5	1.5	4.6	6.7	4.5	4.9	4.0	6.8	0.4	6.4
11	2.8	0.6	0.7	1.5	97.2	97.2	0.0	5.0	96.1	8.9
12	97.1	97.0	1.6	0.3	96.9	94.5	97.9	1.8	93.6	8.2
13	92.3	91.0	96.9	98.8	95.3	92.9	94.5	99.3	89.9	9.4
14	90.7	91.4	98.0	97.5	93.6	92.7	94.0	98.8	89.5	9.3
15	93.1	98.7	1.4	0.8	93.2	90.3	96.2	2.8	89.4	13.4
16	87.9	86.9	90.1	95.2	95.8	96.2	92.0	96.5	85.6	10.9
17	0.3	0.5	4.7	6.0	1.6	95.5	1.4	6.9	94.3	12.6
18	93.5	90.2	90.4	93.7	91.9	90.1	91.6	95.9	87.1	8.8
19	89.6	89.1	91.8	95.1	92.1	91.9	91.6	95.5	88.0	7.5
20	90.0	88.3	93.5	96.5	93.7	92.5	92.4	97.2	87.5	9.7
21	91.8	91.2	91.8	94.4	91.9	90.7	92.0	94.6	89.2	5.4
22	88.8	87.7	92.1	93.7	91.4	91.4	90.9	95.0	86.0	9.0
23	87.5	86.9	94.3	98.1	93.7	94.1	92.4	99.3	86.0	13.3
24	91.9	92.3	96.2	98.3	96.0	93.5	94.7	98.7	89.4	9.3
25	92.1	91.0	98.9	2.3	98.4	97.7	96.7	2.9	88.9	14.0
26	96.6	91.9	99.9	3.6	98.7	99.1	98.3	3.9	90.0	13.9
27	98.0	96.2	96.6	0.0	95.9	94.4	96.9	0.3	93.6	6.7
28	91.5	88.2	88.5	92.0	89.4	86.6	89.4	94.9	80.1	8.8
29	85.0	83.1	87.2	91.2	88.9	87.4	87.1	92.0	82.0	10.0
30	84.7	83.0	88.2	91.9	88.6	88.8	87.5	93.0	82.0	11.0
31	90.8	89.5	90.1	94.4	92.7	92.7	91.7	94.9	85.9	9.0
平均 Mean	93.2	92.0	95.5	98.0	95.1	94.0	94.6	99.5	89.2	10.3

濕度 (百分率) REL. HUMIDITY. (%)

Day	2h	6h	10h	14h	18h	22h	平均 Mean
1	80	81	64	47	76	66	69
2	64	66	49	39	56	70	57
3	80	73	53	40	60	70	63
4	80	81	68	66	84	92	79
5	88	97	97	100	100	100	97
6	100	100	100	100	100	100	100
7	100	100	93	84	89	87	92
8	85	92	53	50	64	73	70
9	80	80	64	59	77	81	74
10	86	90	79	70	76	73	79
11	95	50	43	39	67	69	61
12	80	83	70	50	61	62	68
13	64	75	52	37	64	72	61
14	63	97	41	38	50	68	60
15	66	64	57	37	54	65	56
16	78	82	76	41	57	76	67
17	92	90	73	67	75	78	79
18	84	71	68	56	58	67	67
19	74	66	52	38	49	58	56
20	65	72	48	36	50	68	57
21	60	53	48	34	40	43	46
22	56	51	41	40	48	54	48
23	65	65	55	48	61	54	58
24	60	56	49	43	66	69	56
25	76	82	66	42	80	82	71
26	94	97	69	67	76	69	79
27	92	68	51	46	60	68	64
28	74	80	72	52	57	58	65
29	76	78	61	47	54	55	61
30	60	61	45	38	43	51	50
31	55	66	64	52	57	68	60
平均 Mean	76	76	62	52	64	70	67

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	k	0	—	0	—	0	—	0.0
2	0	—	0	—	0	—	0	—	0	—	0.0
3	0	—	0	—	0	—	0	—	0	—	0.0
4	0	—	0	—	0	—	0	—	0	—	0.0
5	0	—	0	—	10	sc	10	s	10	≡	6.0
6	10	s	10	sc,s	10	c,s	10	≡	10	kc	10.0
7	10	n	10	sk,c	0	c	0	—	10	sc	6.0
8	0	—	0	—	0	—	0	—	0	—	0.0
9	0	—	0	—	0	—	10	kc	10	kc	4.0
10	10	kc	10	cs,c	10	c,s	0	—	0	—	6.0
11	3	c	0	—	0	—	0	—	0	—	0.6
12	10	sc	10	sc	10	c	0	—	0	—	6.0
13	0	—	0	—	0	—	0	—	0	—	0.0
14	10	cs	0	c	0	—	0	—	0	—	2.0
15	0	—	0	—	0	—	0	—	0	—	0.0
16	0	—	0	—	10	cs,c	10	kc	3	c	4.6
17	0	—	0	—	10	cs	3	c	4	kc	3.4
18	10	sc	0	—	2	c	0	—	0	—	2.4
19	0	—	10	c,cs	10	c,cs	3	c	0	—	4.6
20	10	c	10	c	10	sc	0	—	0	—	6.0
21	10	c	0	—	0	—	0	—	0	—	2.0
22	0	—	0	—	0	—	0	—	0	—	0.0
23	0	—	10	cs,sc	0	—	0	—	0	—	2.0
24	0	—	0	—	0	—	0	—	0	—	0.0
25	0	—	0	—	0	—	0	—	0	—	0.0
26	0	—	7	c	10	cs	0	—	0	—	3.4
27	0	—	10	sc	10	c	10	c	0	—	6.0
28	0	—	0	—	0	—	0	—	0	—	0.0
29	0	—	0	—	0	—	0	—	0	—	0.0
30	0	—	0	—	4	c	0	—	10	kc	2.8
31	0	—	0	—	10	kc	10	c, sc	10	sc	6.0
平均 Mean	2.7		2.8		3.7		2.1		2.2		2.7

日照時數 NO. OF HOURS WITH SUNSHINE.

Day	日照時數
1	7.75
2	7.96
3	8.00
4	7.81
5	2.40
6	0.45
7	3.93
8	7.65
9	6.65
10	2.77
11	7.50
12	4.25
13	7.67
14	7.36
15	7.50
16	6.71
17	6.76
18	7.20
19	6.92
20	4.03
21	6.68
22	6.43
23	7.30
24	7.30
25	6.96
26	4.80
27	4.70
28	7.50
29	7.25
30	7.40
31	5.29
平均 Mean	192.88

蒸發量 (粍) AMOUNT OF EVAPORATION.

Day	蒸發量
1	0.8
2	0.6
3	0.8
4	0.8
5	0.1
6	0.2
7	1.2
8	0.8
9	0.6
10	1.2
11	1.1
12	0.7
13	0.7
14	1.0
15	0.8
16	0.8
17	1.4
18	0.8
19	0.7
20	0.8
21	0.9
22	0.7
23	0.9
24	0.9
25	1.0
26	0.9
27	0.8
28	0.5
29	0.6
30	0.6
31	0.6
平均 Mean	24.3

* 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

昭和五年十二月 **MUKDEN.** DECEMBER, 1930.

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	66.4	63.9	63.1	59.9	60.6	63.7	62.9	S	2.0	SE	2.5	ESE	3.5	SSE	4.7	SSE	0.9	NNW	4.0	3.0	—	—	—	—	—	—	—
2	65.6	66.4	68.4	67.8	68.4	69.4	67.7	NNW	1.5	NW	1.2	N	1.6	W	3.2	W	1.9	W	1.1	2.3	—	—	—	—	—	—	—
3	71.0	72.5	74.4	73.3	73.1	72.3	72.8	W	0.6	W	1.4	W	1.5	NW	4.7	NW	3.5	WNW	3.3	2.2	—	—	—	—	—	—	—
4	71.5	69.8	69.9	68.6	68.6	69.0	69.6	W	4.3	NW	5.6	W	5.3	W	5.7	W	4.1	WSW	3.9	4.3	—	—	—	—	—	—	—
5	69.5	69.7	71.0	69.6	70.1	69.6	69.9	WSW	4.0	NNW	0.6	ESE	3.0	NNW	4.6	NNW	2.7	NNW	1.2	2.9	—	—	—	—	—	0.0	0.0
6	69.2	68.0	67.8	65.8	65.6	65.1	66.9	NNW	0.7	W	0.9	S	0.9	SE	1.0	SE	2.2	ESE	2.6	1.1	0.0	—	—	—	—	—	0.0
7	64.3	63.3	63.5	62.1	61.4	61.7	62.7	E	2.9	E	1.9	SW	4.0	SW	2.0	S	1.8	SSW	3.3	2.6	—	—	—	—	—	—	—
8	62.9	66.0	67.6	66.7	67.1	67.4	66.3	NW	7.0	N	3.6	N	2.2	N	3.4	NNE	1.2	NNE	1.8	3.1	—	—	—	—	—	—	—
9	67.2	65.9	64.3	62.1	61.2	61.4	63.7	ENE	1.8	E	3.7	ENE	2.3	SSE	3.2	S	5.1	SSE	5.6	3.5	—	—	—	—	—	—	—
10	61.0	59.8	58.8	55.7	55.5	55.9	57.8	SE	4.8	SE	4.1	SSE	6.2	S	7.3	S	7.5	SSW	4.6	5.4	—	—	—	—	—	—	—
11	57.0	60.4	63.7	64.1	64.6	65.8	62.6	NNW	6.5	NNW	2.8	NW	5.5	NNW	2.8	NNE	2.3	ENE	2.3	3.7	—	—	—	—	—	—	—
12	65.3	63.4	63.8	63.9	67.5	69.0	65.5	ENE	2.3	ENE	3.0	ENE	1.5	NNE	5.4	N	6.5	N	3.4	2.9	—	—	—	—	—	—	—
13	69.8	69.7	69.9	67.6	67.6	68.5	68.9	NNW	3.9	—	0.3	SW	4.4	W	5.0	WNW	3.2	WNW	1.3	2.8	—	—	—	—	—	—	—
14	68.7	67.6	67.7	66.4	67.2	66.2	67.3	WNW	2.5	WNW	2.0	WNW	1.1	WNW	5.6	NW	1.5	W	2.3	2.5	—	—	—	—	—	—	—
15	64.5	61.9	63.3	65.7	69.3	70.4	65.9	SSW	0.8	SSW	4.1	NW	4.2	N	6.8	N	3.9	NE	3.0	4.0	—	—	—	—	—	—	—
16	70.0	69.3	69.3	66.4	63.6	61.4	66.8	NE	2.6	NE	3.0	NNE	1.8	SE	2.4	SSE	2.3	SE	3.3	2.5	—	—	—	—	—	—	—
17	59.5	57.6	58.2	55.5	55.3	57.5	57.4	SSE	6.4	SSE	4.2	SE	2.1	SSE	2.8	NNW	4.0	NW	4.3	3.2	—	—	—	—	—	—	—
18	60.2	63.7	65.6	65.1	67.2	68.6	65.1	NNW	3.9	N	3.9	N	3.6	N	4.2	NNE	2.4	NNE	2.2	3.7	—	—	—	—	—	—	—
19	69.5	69.0	70.7	68.7	68.5	68.9	69.2	NNE	1.9	NNE	3.4	N	3.0	NNE	3.0	NNE	1.4	—	0.2	2.1	—	—	—	—	—	—	—
20	70.3	69.3	68.9	68.5	68.4	69.5	69.2	—	0.3	NNE	1.6	NE	1.8	NW	1.1	ENE	1.1	NW	3.6	1.4	—	—	—	—	—	—	—
21	70.5	70.6	71.0	68.9	68.7	68.6	69.7	NNW	4.7	N	2.5	N	4.3	NNW	5.1	NNW	2.4	NNW	2.3	3.5	—	—	—	—	—	—	—
22	68.7	68.8	70.4	68.9	68.6	69.1	69.1	NNW	3.7	NNW	1.6	NE	4.7	NE	4.1	NE	0.8	NNE	2.9	2.4	—	—	—	—	—	—	—
23	68.8	66.7	66.5	62.7	62.9	63.1	65.1	NNE	2.9	NNE	2.2	SW	3.0	SSW	6.7	SW	3.0	WSW	3.9	3.2	—	—	—	—	—	—	—
24	62.2	62.5	62.6	61.1	62.5	62.2	62.4	W	3.5	W	2.7	WSW	6.1	WNW	5.5	NW	1.9	NW	2.5	3.6	—	—	—	—	—	—	—
25	61.4	61.1	60.7	58.1	59.0	60.2	60.1	SW	3.9	SW	3.3	WSW	4.0	SW	9.6	WSW	4.6	SW	2.0	4.2	—	—	—	—	—	—	—
26	60.8	61.1	61.5	57.9	56.6	57.1	59.2	SW	1.5	SW	2.4	SSE	1.4	SSW	6.8	S	4.6	SSW	5.1	3.6	—	—	—	—	—	—	—
27	59.2	61.4	63.9	61.6	61.8	62.9	61.8	WSW	5.0	NNW	4.3	NNW	2.3	NNW	1.2	N	2.9	NNE	4.0	3.1	—	—	—	—	—	—	—
28	66.1	68.3	70.7	69.9	70.1	70.7	69.3	N	5.8	N	4.9	NNE	5.6	NNE	6.5	NNE	4.8	NNE	5.6	4.9	—	—	—	—	—	—	—
29	71.3	71.3	72.6	71.6	73.1	75.0	72.5	NNE	3.4	NNE	3.5	NNE	1.8	NW	3.0	NW	3.5	NW	4.9	2.9	—	—	—	—	—	—	—
30	75.4	75.6	75.8	73.3	73.0	73.6	74.5	NNW	2.8	NNW	1.2	NE	2.2	SSW	2.1	SSW	1.5	SSW	3.2	2.1	—	—	—	—	—	—	—
31	74.5	74.6	75.3	72.7	70.8	69.4	72.9	SE	3.1	ESE	3.6	ENE	1.9	ENE	1.3	ENE	3.3	E	2.7	2.5	—	—	—	—	—	—	—
平均 Mean	66.6	66.4	67.1	65.5	65.8	66.2	66.3		3.3		2.8		3.1		4.2		3.0		3.1	3.1	0.0	—	—	—	—	0.0	0.0

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 HRS WITH SUNSHINE	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	81.3	80.7	89.8	96.7	93.1	90.6	88.7	97.0	78.1	18.9	90	93	67	61	84	72	78	0 —	0 —	10 ck, sk	10 sc, sk	4 sc, ck	4.8	6.92	1.3
2	86.8	79.1	87.3	90.5	84.3	83.4	85.1	92.1	78.5	13.6	70	85	79	58	75	82	75	0 —	0 —	0 —	0 —	2 cs	0.4	8.25	1.0
3	80.6	77.7	86.6	92.1	85.3	83.3	84.3	92.5	76.8	15.7	91	92	78	67	76	83	80	0 —	0 —	0 —	0 —	0 —	0.0	8.40	1.2
4	85.5	94.0	99.1	1.4	94.8	93.7	94.8	1.5	83.1	18.4	80	91	71	70	85	90	81	5 s, sk	2 sk	0 —	0 —	6 —	1.4	6.92	0.8
5	92.8	92.5	94.3	96.0	94.6	93.5	94.0	96.4	92.3	4.1	94	97	97	97	94	100	97	0 —	10 s	10 s	10 s	10 n	8.0	0.00	0.8
6	92.9	92.4	93.8	92.7	92.9	94.1	93.1	94.4	91.9	2.5	100	100	100	100	100	100	100	10 ≡	10 ≡	10 ≡	10 ≡	10 ≡	10.0	0.00	0.6
7	96.0	98.1	99.8	0.8	1.1	1.3	99.5	1.3	94.0	7.3	100	100	100	98	96	92	98	10 ≡	10 ≡	10 ≡	10 s	10 s	10.0	0.00	0.6
8	0.7	92.5	93.6	96.1	92.8	90.4	94.4	1.3	90.4	10.9	100	90	79	55	75	92	82	10 s	1 sk	0 —	0 —	0 —	2.3	6.90	0.8
9	89.4	88.1	93.6	98.0	96.0	99.3	94.1	99.3	88.1	11.2	89	91	73	5	83	78	78	0 —	0 —	0 —	0 —	10 sk, s	2.9	8.22	0.9
10	99.8	99.3	0.3	2.4	2.7	2.4	1.2	3.0	98.9	4.1	82	88	79	77	82	85	82	10 s, sk	10 sk, s	10 sk, s	5 s	10 s, sc	9.0	0.00	1.1
11	2.2	97.4	97.3	99.1	95.6	94.3	97.7	2.4	93.8	8.6	81	62	44	36	75	85	64	0 —	0 —	1 c	1 s	5 cs	1.4	7.75	1.2
12	94.0	93.5	97.2	98.5	93.8	92.1	94.5	98.2	92.1	6.1	90	90	71	51	64	67	72	10 cs	8 cs	10 sc	0 —	0 —	5.6	3.37	1.3
13	90.8	86.5	98.8	97.3	92.3	89.3	91.6	97.9	85.8	12.1	71	91	68	37	74	81	70	0 —	0 —	5 sk	0 —	0 —	1.0	7.86	1.4
14	89.1	86.5	93.7	96.0	90.9	88.1	90.7	93.3	86.0	10.3	70	91	64	34	59	89	68	3 cs	0 sk	0 sk	0 —	0 —	0.6	7.40	1.6
15	88.0	92.9	95.3	94.9	90.3	86.9	91.4	97.1	86.9	10.2	82	78	56	48	68	78	68	10 s	10 s, sk	0 —	0 —	10 sc, s	4.0	6.78	1.0
16	86.8	84.7	89.6	93.0	89.9	91.7	89.3	93.6	84.3	9.3	86	89	74	51	74	80	76	0 —	0 —	10 ck	0 —	10 sc, s	4.0	6.78	1.0
17	96.7	96.5	99.7	2.1	98.0	94.2	97.9	3.2	91.6	11.6	71	84	67	73	80	79	76	10 sk	10 sk	10 s, sk	10 s, sk	10 sk	10.0	1.55	1.2
18	90.0	85.4	87.5	91.1	89.9	89.0	88.8	94.2	85.3	8.9	83	86	75	66	74	85	78	0 —	0 —	0 sk	10 cs	0 —	2.0	6.40	1.1
19	87.9	87.9	89.9	92.8	91.2	88.9	89.8	92.8	87.2	5.6	90	79	67	51	66	80	72	0 s	10 cs	8 ck, c	5 cs, s	0 —	4.6	3.38	0.4
20	87.1	85.5	89.5	95.4	92.5	90.5	90.1	95.5	85.0	10.5	98	100	88	42	71	68	78	2 s	8 cs, s	10 cs, sk	5 cs	0 —	5.0	3.30	1.1
21	89.6	87.7	89.1	91.8	89.1	85.9	88.9	91.9	85.9	6.0	60	63	55	34	55	76	57	1 cs	0 —	0 —	0 —	0 —	0.2	7.39	1.2
22	85.0	82.3	89.2	93.0	90.1	86.1	87.6	93.8	81.7	12.1	77	88	48	38	54	86	65	0 —	0 —	0 ck	0 —	0 —	0.0	7.59	0.9
23	85.0	83.8	93.6	97.6	92.5	90.5	90.5	98.0	83.5	14.5	87	94	61	45	65	68	70	0 —	0 —	7 ck, cs	1 s	0 —	1.6	6.92	1.5
24	88.1	86.0	93.7	97.7	93.1	88.4	91.2	97.9	85.6	12.3	72	91	48	30	51	80	62	0 —	1 ck	0 —	0 —	0 —	0.2	7.55	1.4
25	89.1	89.3	97.6	2.0	94.7	93.9	94.4	2.2	88.3	13.9	87	88	51	39	50	82	66	0 —	0 —	0 —	0 —	0 —	0.0	8.10	1.6
26	91.8	88.8	96.4	2.4	96.8	96.3	95.4	2.4	87.9	14.5	96	100	70	45	74	81	78	0 —	10 cs	10 sc, s	2 sk	0 —	4.4	5.30	1.7
27	96.7	95.0	94.2	97.0	94.5	91.5	94.8	97.9	91.5	6.4	80	50	68	55	71	80	67	10 ≡	10 ≡	10 ≡	10 ≡	5 s	9.0	2.75	1.0
28	88.7	84.8	86.2	90.1	87.1	84.5	86.9	91.5	84.1	7.4	85	90	86	57	70	84	79	0 —	0 —	0 —	0 —	0 —	0.0	7.80	1.1
29	82.3	80.8	85.0	89.8	88.2	85.2	85.2	90.6	80.1	10.5	89	93	85	60	68	62	76	0 —	0 —	0 —	0 —	0 —	0.0	7.65	1.0
30	83.0	79.9	86.2	90.2	85.6	84.1	84.8	90.7	78.6	12.1	69	86	60	47	63	84	68	0 —	0 c	0 —	0 —	0 —	0.0	8.23	1.0
31	82.9	82.0	88.4	91.3	89.8	87.7	86.7	92.8	81.7	11.1	85	82	77	69	81	83	8	0 —	0 —	5 c	5 cs	10 sc	4.0	6.89	1.1
平均 Mean	89.7	88.1	92.6	95.7	92.4	90.6	91.5	96.8	86.4	10.3	84	87	71	56	73	81	75	2.9	3.5	4.4	3.0	3.1	3.4	175.09	34.2

* 重力ノ變正 Reduction to standard gravity 0.2

長　春

昭和五年十二月　　CHANGCHUN.　　DECEMBER, 1930.

日 Day	氣壓 (粍) AIR PRESSURE (mm) (700 mm +) 2h	6h	10h	14h	18h	22h	平均 Mean
1	46.4	46.0	45.0	42.8	42.7	43.1	44.3
2	45.1	47.1	48.0	48.2	48.8	48.8	47.7
3	49.9	52.2	54.3	53.3	52.9	51.8	52.4
4	51.3	51.3	51.4	48.9	41.3	52.1	51.1
5	52.6	53.0	54.7	53.7	52.8	52.8	53.3
6	51.7	51.4	50.4	49.1	48.6	48.3	49.9
7	47.9	47.3	46.7	45.7	45.1	45.3	46.3
8	44.6	45.7	48.7	49.1	49.7	50.1	48.0
9	49.6	48.6	48.7	44.2	42.5	42.3	46.0
10	42.4	42.6	40.9	38.2	37.1	36.3	39.6
11	37.1	39.3	44.2	46.4	46.9	47.5	43.6
12	47.1	46.3	46.4	46.5	48.5	49.7	47.4
13	49.9	50.2	50.6	49.6	49.7	48.7	49.8
14	48.7	48.6	48.4	47.9	48.1	48.0	48.3
15	47.5	45.2	46.0	48.3	51.3	52.8	48.5
16	53.1	52.7	51.6	48.6	47.1	45.4	49.8
17	43.2	42.1	40.3	40.9	39.5	41.1	41.5
18	41.3	44.1	47.7	47.6	48.8	50.2	46.6
19	51.0	51.2	51.4	50.7	50.2	50.1	50.8
20	50.7	50.9	50.3	50.5	50.5	50.3	50.5
21	50.7	50.8	51.2	49.4	48.8	48.7	49.9
22	48.2	48.5	49.7	49.4	47.2	48.9	48.7
23	48.5	47.5	47.2	45.0	43.8	43.7	46.0
24	42.0	41.8	42.3	41.4	42.6	42.7	42.1
25	41.9	40.8	40.4	38.5	38.0	39.1	39.8
26	42.5	44.5	43.5	41.0	40.8	40.4	42.1
27	39.9	42.0	45.6	44.3	45.9	46.7	44.1
28	48.4	50.0	53.4	53.1	53.3	53.6	52.0
29	53.5	53.5	54.0	53.2	53.6	55.5	53.9
30	55.7	56.1	56.8	54.6	55.4	55.7	55.7
31	56.1	56.6	57.3	53.1	54.5	52.7	55.6
平均 Mean	47.7	48.0	48.7	47.6	47.6	47.8	47.9

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	—	0.4	—	0.0	S	2.3	SW	2.8	S	1.5	NW	3.5	1.6	
2	NW	0.8	NW	1.5	W	2.8	WSW	2.8	SW	1.3	SW	3.4	1.8	
3	W	2.9	W	1.4	SW	2.9	SW	2.9	SW	4.7	SW	2.8	2.9	
4	SW	3.8	SW	2.9	SW	4.1	SW	5.3	SW	2.3	SW	2.3	3.4	
5	SW	1.5	NNE	0.7	N	2.3	N	2.0	N	2.2	NE	2.0	1.9	
6	ENE	1.1	ENE	0.8	SSW	2.2	SW	3.1	—	0.0	—	0.3	1.3	
7	SSW	0.7	SSW	0.7	S	2.0	S	1.5	S	3.1	SW	1.9	1.1	
8	SW	2.6	S	1.4	WSW	3.1	W	2.5	W	1.4	W	0.9	2.1	
9	W	1.2	SSW	2.1	SW	2.3	SSW	3.2	W	1.3	SW	5.8	2.3	
10	SW	1.2	SW	3.9	SW	2.7	SSW	4.4	S	4.7	WSW	8.2	3.6	
11	W	5.8	W	4.3	W	5.3	NW	3.7	NW	2.6	W	2.5	4.3	
12	W	3.5	W	1.4	WNW	2.9	W	3.2	W	2.8	W	3.6	2.4	
13	SW	3.1	SW	3.5	SW	7.9	W	7.0	W	1.2	W	5.3	3.7	
14	W	6.0	W	5.3	W	1.8	W	1.9	W	4.1	W	1.6	3.2	
15	SSW	2.8	S	1.3	SE	1.3	NNE	2.8	N	4.8	NNE	3.7	2.7	
16	SW	2.1	SW	4.1	SSW	3.0	S	1.9	S	1.9	S	0.8	2.5	
17	S	1.9	—	0.4	E	1.0	E	2.2	NE	5.2	NE	4.4	2.8	
18	N	4.2	NE	2.8	W	2.1	W	1.8	W	1.3	W	2.3	2.4	
19	W	2.1	W	1.3	SW	1.9	WSW	2.9	SW	1.8	WSW	2.2	2.0	
20	W	1.8	SW	2.7	W	2.1	W	1.0	—	0.3	W	1.3	1.5	
21	W	2.4	WNW	1.6	WNW	3.8	W	3.0	WNW	1.1	W	2.8	2.4	
22	W	3.2	W	5.3	W	6.1	W	1.8	W	0.7	W	2.3	3.3	
23	W	1.6	W	1.3	WSW	5.0	WSW	1.9	WSW	1.2	WSW	1.9	2.2	
24	W	4.0	WSW	7.4	W	5.5	W	4.1	W	1.3	W	2.1	4.0	
25	W	2.9	SW	4.2	SW	5.2	SW	6.0	WSW	5.0	WSW	4.6	4.6	
26	WSW	2.9	WSW	3.7	SSW	4.2	SSW	3.1	S	1.7	SSW	2.4	3.0	
27	SW	3.8	W	2.9	WNW	3.5	W	3.0	NNW	3.7	N	4.9	3.7	
28	N	4.7	N	2.3	NNW	3.5	NNW	3.5	N	0.7	NE	1.9	2.9	
29	—	0.2	NE	1.3	SE	2.0	SE	2.8	W	0.7	NNW	1.4	1.5	
30	NNW	1.9	W	0.9	W	5.0	W	5.3	W	1.3	W	2.9	2.7	
31	SSW	2.1	W	2.5	SW	3.5	W	4.0	S	1.9	S	0.7	2.4	
平均 Mean		2.6		2.4		3.3		3.1		2.2		2.8	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	—	—	—	—	0.7	0.8	1.5
2	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—
8	0.0	0.3	0.1	0.0	0.0	—	0.4
9	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—
17	—	0.6	0.2	0.0	—	0.0	0.8
18	0.1	0.3	0.0	—	—	—	0.4
19	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—
27	—	—	—	0.0	0.0	—	0.0
28	—	0.0	—	—	—	—	0.0
29	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—
平均 Mean	0.1	1.2	0.3	0.0	0.7	0.8	3.1

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	83.1	82.0	89.8	93.0	90.6	85.2	87.1	92.3	79.8	12.5
2	81.1	79.5	82.7	85.9	82.9	82.3	82.4	92.2	79.1	13.1
3	81.3	77.2	83.9	88.8	86.4	87.5	84.2	88.8	76.7	12.1
4	88.6	83.6	95.0	99.4	96.6	91.4	93.3	99.6	86.7	12.9
5	91.1	91.0	91.8	93.6	92.0	92.0	91.9	94.0	89.8	4.2
6	90.4	90.0	92.7	94.6	92.8	97.2	91.3	95.0	87.0	8.0
7	82.9	90.3	95.0	96.8	98.4	90.0	92.2	98.9	87.0	11.9
8	89.9	90.0	88.7	89.5	86.5	83.2	83.0	90.5	83.0	7.5
9	83.6	83.0	90.0	94.3	89.8	94.0	89.1	95.0	82.2	12.8
10	97.0	94.6	97.2	0.9	99.8	1.3	98.5	2.5	91.1	11.4
11	99.1	90.7	91.8	92.7	87.9	86.8	91.5	1.7	84.0	17.7
12	86.6	87.4	91.6	90.8	86.7	84.4	87.9	92.2	84.0	8.2
13	84.1	82.3	87.9	90.1	87.0	85.6	86.2	91.0	81.9	9.1
14	82.4	81.0	86.5	88.1	84.4	82.4	84.1	88.8	81.0	7.8
15	82.9	82.8	87.9	87.0	80.0	77.8	83.1	87.9	77.6	10.3
16	75.2	74.6	82.2	86.4	83.4	83.0	80.8	88.3	74.4	13.9
17	85.4	86.7	89.7	90.6	89.0	86.6	88.0	91.4	82.5	8.9
18	82.2	82.0	82.1	86.0	83.4	83.2	83.2	87.3	79.0	8.3
19	81.9	80.0	86.7	88.0	85.6	84.2	84.4	89.2	79.3	9.9
20	83.1	81.9	87.9	89.2	86.6	83.8	85.4	91.7	79.3	12.4
21	82.3	80.0	82.7	83.6	83.6	82.0	82.9	86.7	78.2	8.5
22	81.4	78.5	83.5	87.8	84.2	83.8	83.2	87.8	77.9	9.9
23	86.9	82.1	88.0	91.6	88.4	86.2	87.2	92.5	81.0	11.5
24	84.0	83.4	88.1	91.7	88.3	86.8	87.1	91.7	82.8	8.9
25	86.2	86.0	94.5	95.7	92.6	90.2	90.9	96.3	85.7	10.6
26	87.7	84.4	93.1	93.5	94.9	95.6	92.0	97.2	83.8	13.4
27	96.2	86.5	86.9	88.4	83.2	85.0	88.5	96.2	84.7	11.5
28	82.9	79.8	79.5	81.2	80.7	76.1	80.0	85.2	75.8	9.4
29	73.0	73.3	81.9	85.4	84.2	79.0	79.5	85.7	72.9	12.8
30	76.8	75.6	81.7	84.9	81.9	78.9	80.0	85.9	74.1	11.8
31	77.7	78.0	84.8	87.4	82.8	83.6	82.4	88.3	76.5	11.8
平均 Mean	84.7	83.3	87.9	90.4	87.7	85.8	86.6	92.0	81.3	10.7

日 Day	濕度 (百分率) REL. HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean
1	73	77	56	52	85	90	72
2	87	85	82	59	61	71	74
3	71	75	64	50	64	59	64
4	62	62	69	63	76	93	71
5	91	97	93	87	90	93	92
6	93	92	97	88	90	95	93
7	94	96	97	97	92	92	95
8	94	89	91	81	86	89	88
9	89	89	78	62	70	82	78
10	85	91	76	78	77	84	82
11	57	65	76	75	79	77	72
12	72	75	76	66	69	80	73
13	78	82	75	61	61	76	72
14	75	75	69	60	70	77	71
15	79	77	71	74	66	88	76
16	70	70	65	48	57	62	62
17	64	82	85	82	92	91	83
18	90	88	88	76	83	83	85
19	84	86	69	60	62	60	70
20	64	65	63	55	60	68	63
21	74	79	66	60	68	65	69
22	67	70	63	55	64	63	64
23	68	71	63	48	53	56	60
24	62	68	63	58	68	69	65
25	68	68	55	47	50	62	58
26	60	65	54	61	66	69	63
27	76	86	82	80	80	85	82
28	86	86	78	75	80	81	81
29	84	88	88	57	69	85	79
30	88	90	70	47	59	70	71
31	72	76	66	55	66	68	67
平均 Mean	77	80	74	65	71	77	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	0 —	10 sc	10 sc	10 n	10 s	8.0	4.60	0.8
2	0 —	1 sc	0 —	0 —	0 —	0.2	8.15	0.5
3	0 —	0 —	0 —	0 —	0 —	0.0	8.50	0.6
4	0 —	0 —	0 —	0 —	8 s	1.6	8.10	0.6
5	10 s	10 sc	10 sc	10 sc	10 sc	10.0	6.00	0.4
6	10 sc	10 sc	10 sc	10 sc	0 —	8.0	0.00	0.4
7	10 sk	10 sc	10 s	10 s	10 s	10.0	0.00	0.4
8	10 s	10 n	10 n	6 c	0 —	7.2	0.35	0.5
9	0 —	0 —	0 —	0 —	0 —	0.0	8.00	0.4
10	10 s	10 c	10 sk	10 sk	10 sk	10.0	0.00	0.4
11	0 —	8 s	0 —	0 —	0 —	1.6	8.20	0.5
12	10 sc	0 —	0 —	0 —	0 —	2.0	7.05	0.8
13	0 —	0 —	0 —	10 sc	0 —	2.0	7.70	0.6
14	0 —	0 —	0 —	0 —	0 —	0.0	8.20	0.6
15	10 cs	10 sc	0 —	0 —	0 —	4.0	4.90	0.2
16	0 —	10 sk	10 c	10 c	10 c	8.0	5.55	0.6
17	10 n	10 n	10 s	10 s	10 n	10.0	0.00	0.2
18	10 n	0 —	0 —	0 —	0 —	2.0	7.50	0.3
19	0 —	10 c	10 sc	0 —	0 —	4.0	4.50	0.5
20	0 —	10 c	10 cs	10 sc	0 —	6.0	5.65	0.4
21	0 —	0 —	0 —	0 —	0 —	0.0	7.90	0.2
22	0 —	0 c	0 —	0 —	0 —	0.0	8.30	0.4
23	0 —	0 —	0 —	0 —	0 —	0.0	8.15	0.5
24	0 —	10 sc	0 —	0 —	0 —	2.0	7.95	0.8
25	0 —	10 c	10 sc	0 —	0 —	4.0	7.10	0.6
26	0 —	5 c	10 sc	10 sc	10 sc	7.0	4.15	0.6
27	9 sc	10 sc	10 n	10 s	10 s	9.8	0.00	0.3
28	0 —	0 —	0 —	0 —	0 —	0.0	7.75	0.6
29	0 —	1 c	0 —	0 —	0 —	0.2	6.50	0.5
30	0 —	0 —	0 —	0 —	0 —	0.0	8.20	0.6
31	0 —	0 —	0 —	0 —	0 —	0.0	7.60	0.2
平均 Mean	3.2	5.0	4.2	3.7	2.8	3.8	170.55	15.0

* 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　　績

RYOJUN.

昭和五年十二月　　DECEMBER, 1930.

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	62.5	59.1	59.9	60.5	ENE	4.1	WNW	12.8	NNW	7.8	8.2	—	—	—	—
2	63.0	65.3	66.9	65.1	ENE	7.9	ENE	2.3	SE	3.9	4.4	—	—	—	—
3	69.2	71.3	71.3	70.6	E	1.2	ENE	3.5	S	0.9	2.6	0.1	—	—	0.1
4	68.7	67.7	67.8	68.1	W	8.8	W	6.0	W	4.8	5.5	—	—	—	—
5	67.0	66.0	66.3	66.4	W	1.8	NW	6.7	NE	2.9	3.6	—	—	—	—
6	64.8	63.2	62.8	63.6	NNE	5.1	S	3.5	—	0.4	2.3	—	—	0.0	0.0
7	61.9	60.9	60.8	61.2	WNW	1.1	WSW	7.0	WSW	1.6	3.3	—	—	—	—
8	60.7	61.6	62.9	61.7	W	6.0	ENE	6.8	ENE	3.5	5.3	—	0.1	—	0.1
9	62.5	61.2	60.5	61.4	E	3.4	WNW	1.2	W	1.2	2.3	—	—	—	—
10	58.5	56.2	54.2	56.3	SSW	1.2	W	6.8	SSW	1.4	3.2	—	—	—	—
11	55.9	60.2	62.9	59.9	NW	5.3	ENE	6.5	NE	4.1	6.0	—	—	—	—
12	61.6	60.7	66.4	62.9	—	0.2	NW	12.8	ENE	4.2	4.2	—	0.5	0.3	0.8
13	67.9	66.5	65.9	66.8	NNW	0.7	NW	9.1	NW	11.1	6.5	—	—	—	—
14	64.1	63.9	66.0	64.7	WNW	7.6	NW	4.3	ESE	2.7	6.1	—	—	—	—
15	63.3	61.6	65.8	63.6	W	8.6	WNW	16.7	ENE	6.2	8.7	—	—	—	—
16	65.1	63.3	60.6	63.0	NE	4.1	S	5.4	SSW	5.1	4.3	—	—	—	—
17	57.1	56.2	54.7	56.0	WSW	5.8	WSW	6.9	SW	5.1	5.3	—	—	—	—
18	56.3	58.2	62.5	59.0	NW	6.7	NE	7.0	NE	13.4	8.0	—	—	—	—
19	63.5	63.7	64.7	64.0	ENE	11.7	NE	7.0	E	1.8	8.1	—	—	—	—
20	64.9	65.1	64.9	65.0	NE	11.7	ENE	6.2	ENE	2.1	5.9	—	—	—	—
21	65.7	66.4	66.0	66.0	ENE	8.0	NNE	6.9	NNW	4.2	6.2	—	—	—	—
22	66.3	67.3	67.6	67.1	NNW	7.0	NNW	6.2	NNW	1.9	4.8	0.3	—	—	0.3
23	65.9	62.7	62.5	63.7	NNW	2.6	NW	11.7	NW	8.2	6.7	—	—	—	—
24	62.0	61.4	61.6	61.7	NW	4.3	NW	10.5	NW	6.5	7.0	—	—	—	—
25	59.9	58.5	59.2	59.2	NW	5.8	WNW	11.0	W	9.3	7.6	—	—	—	—
26	58.7	57.0	56.7	57.5	NW	5.8	WSW	6.5	WSW	2.7	4.5	—	—	—	—
27	59.6	58.4	58.9	59.0	NW	2.3	WSW	4.2	S	2.2	5.1	—	—	—	—
28	62.1	64.6	66.4	64.4	ENE	5.3	ENE	7.2	ENE	6.2	5.7	—	—	—	—
29	66.8	68.6	70.7	68.7	ENE	4.7	N	5.3	ENE	8.8	5.6	—	—	—	—
30	72.0	69.8	70.2	70.7	NNE	5.7	E	2.7	SSE	1.1	2.5	—	—	—	—
31	70.1	68.6	66.4	68.4	—	0.0	ESE	5.3	ESE	1.6	1.7	0.0	0.2	1.5	1.7
平均 Mean	63.5	63.1	63.7	63.4		5.0		7.0		4.4	5.2	0.4	0.8	1.8	3.0

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	96.4	3.2	3.0	0.9	4.5	94.3	10.2	62	44	49	52	0 —	0 sk	0 sk	3.0	5.18	4.0
2	95.4	99.1	96.5	97.0	3.3	93.9	9.4	47	46	63	52	0 —	0 sk	3 kc, sk	1.0	8.50	1.7
3	96.0	1.0	99.2	98.7	2.0	94.7	7.3	73	42	71	62	0 —	0 —	3 sk	1.0	8.28	1.7
4	3.5	8.3	3.2	5.0	8.6	98.2	10.4	60	41	75	59	10 sk	0 sk	0 —	3.3	8.20	1.7
5	3.2	8.1	2.0	4.4	9.4	1.3	8.1	70	55	90	72	0 kc	2 k	0 —	0.7	7.57	1.7
6	0.5	7.0	5.2	4.2	9.2	99.3	9.9	82	70	80	77	1 ck	9 sk, c	10 sk	6.7	4.52	1.2
7	4.0	9.6	4.8	6.1	10.3	2.6	7.7	82	49	73	68	0 sk	10 c, sk	10 sk	6.7	7.50	1.8
8	6.0	3.7	98.2	2.7	6.8	97.4	9.4	81	42	61	61	10 sk	0 —	0 —	3.3	7.18	1.7
9	97.0	4.7	2.0	1.2	5.8	95.8	10.0	66	59	84	70	0 —	0 sk	3 sk	1.0	7.50	1.5
10	4.0	9.2	6.0	6.4	10.5	1.2	9.3	76	65	81	74	10 cs	10 c, cs	0 —	6.7	6.18	2.2
11	5.2	3.9	99.2	2.8	7.7	98.0	9.7	83	36	50	55	0 —	2 c, cs	6 cs	2.7	8.00	2.4
12	1.0	4.6	98.5	1.4	6.7	97.5	9.2	65	40	43	49	10 cs	1 kc	0 —	3.7	5.68	2.0
13	96.4	1.3	0.6	99.4	2.6	94.5	8.1	44	34	45	41	1 sk	0 sk	7 sk	2.7	7.50	4.5
14	1.8	2.4	96.2	0.1	3.7	95.4	8.3	42	45	51	46	10 sk	1 sk	0 —	3.7	7.21	2.3
15	1.4	5.8	96.2	1.1	6.3	95.2	11.1	53	44	42	46	0 —	0 —	0 —	0.0	8.17	3.0
16	94.2	2.3	3.3	99.9	4.8	93.1	11.7	36	64	80	60	0 —	10 sk	0 —	3.3	4.07	1.5
17	4.2	8.6	6.5	6.4	9.5	2.3	7.2	69	54	78	67	0 —	0 —	3 cs	1.0	7.85	1.6
18	4.2	99.2	96.8	0.1	7.0	95.1	11.9	88	56	39	61	10 sk	0 —	0 —	3.3	6.30	2.7
19	94.2	96.0	96.2	95.5	98.0	93.0	5.0	39	46	42	42	8 sk	10 sk	0 —	6.6	9.00	1.9
20	95.4	99.2	95.8	96.8	99.7	94.0	5.7	47	25	43	38	0 —	9 ck, kc	0 —	3.0	2.00	2.2
21	94.8	95.5	95.4	95.2	98.0	93.1	4.9	48	37	49	45	10 s	4 kc, cs	8 sk	7.3	5.00	2.1
22	94.2	97.5	95.5	95.7	97.8	91.2	6.6	44	30	42	39	0 —	0 —	0 —	0.0	8.20	2.3
23	97.8	0.8	98.8	99.0	1.8	94.4	7.4	52	36	32	40	0 —	10 sc	0 —	3.3	8.55	2.0
24	96.0	0.0	99.5	98.5	0.3	95.1	5.2	46	42	41	43	0 —	0 —	0 —	0.0	7.90	3.0
25	0.8	5.2	2.2	2.7	5.5	98.1	7.4	43	35	35	38	0 sk	0 —	0 —	0.0	8.00	3.3
26	1.6	6.3	2.0	3.3	7.1	99.3	7.8	55	32	55	47	0 —	1 c	10 —	0.3	7.57	3.0
27	2.6	7.3	2.4	4.1	8.7	0.0	8.7	48	37	72	52	0 —	0 —	0 —	0.0	7.20	1.9
28	97.4	97.4	93.1	96.0	2.9	92.7	10.2	67	4[illegible]	55	54	0 —	0 —	0 —	0.0	8.00	1.9
29	91.0	96.1	91.1	92.7	97.0	89.5	7.5	56	6[illegible]	53	57	0 —	1 sk	0 —	0.3	8.01	1.6
30	88.7	97.0	95.1	93.6	97.1	87.1	10.0	44	29	61	45	0 —	0 —	8 sk	2.7	7.70	1.4
31	98.2	98.6	97.9	98.2	98.8	93.3	5.5	68	76	97	80	10 sc	10 n	10 n	10.0	0.00	0.7
平均 Mean	98.9	2.5	99.4	0.3	4.2	95.5	8.4	59	46	59	55	2.9	3.2	2.3	2.8	198.29	66.5

* 氣壓ノ眞正　Reduction to standard gravity 0.4
海面ヘノ眞正　Reduction to mean sea level ..... + 7.6

鞍山

昭和五年十二月 **ANZAN.** DECEMBER, 1930.

日 Day	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.
1	66.0	61.2	63.8	63.7	S	2.1	SW	6.4	NNE	2.3	2.8		—	—	—	—
2	67.0	69.6	69.8	68.8	E	2.3	SE	1.3	SW	3.0	1.8		—	—	—	—
3	73.1	75.1	73.9	74.0	WSW	1.7	SW	1.8	SW	3.4	1.9		—	—	—	—
4	70.9	69.9	69.3	70.0	SW	3.8	WSW	5.8	SW	3.8	4.5		—	—	—	—
5	69.7	71.3	70.5	70.5	SW	2.3	NE	5.3	E	1.8	2.3		—	—	—	—
6	67.5	67.0	65.4	66.6	ESE	1.3	—	0.1	SE	1.5	0.7		—	—	—	—
7	64.0	63.0	62.6	63.2	W	2.9	—	0.0	SW	5.8	3.2		—	—	—	—
8	66.0	67.3	67.2	66.8	NE	4.1	NE	4.7	E	2.8	3.7		—	—	—	—
9	67.2	63.2	62.2	64.2	—	0.0	SW	3.5	SW	5.8	3.0		—	—	—	—
10	60.7	57.5	56.6	58.3	SW	4.7	SW	8.2	SW	6.4	5.9		—	—	—	—
11	59.6	64.8	66.8	63.7	NE	4.7	NE	4.3	SSW	2.6	3.1		0.6	—	—	0.6
12	64.3	64.3	69.8	66.1	S	1.0	N	4.7	—	0.0	2.5		—	—	—	—
13	71.7	69.1	70.0	70.3	—	0.0	W	2.3	NNE	6.4	2.4		—	—	—	—
14	67.3	67.7	67.2	67.4	ESE	2.0	W	3.3	S	1.2	2.0		—	—	—	—
15	63.4	66.4	71.1	67.0	WSW	6.7	NE	8.2	E	4.9	6.1		—	—	—	—
16	70.1	3.0	61.8	66.6	ENE	2.4	NW	1.8	WSW	3.6	2.1		—	—	—	—
17	57.8	56.8	58.6	57.7	SW	7.8	WSW	4.3	NNE	3.0	5.0		—	—	—	—
18	63.1	65.6	69.2	66.0	ENE	5.2	ENE	5.8	E	3.2	5.0		0.0	0.0	—	0.0
19	69.7	69.8	69.4	69.6	ENE	3.6	ENE	4.8	ENE	2.8	3.3		—	—	—	—
20	70.2	69.5	69.1	69.6	ESE	1.1	NE	3.5	—	0.0	1.9		—	—	—	—
21	72.0	71.0	69.8	70.9	NE	4.7	NE	6.4	—	0.3	3.7		—	—	—	—
22	70.6	70.3	70.8	70.6	NNE	2.3	W	3.5	SSW	2.3	2.1		—	—	—	—
23	67.8	64.5	65.2	65.8	SSW	1.3	WSW	4.4	W	1.8	2.7		—	—	—	—
24	63.8	62.9	63.7	63.5	SSW	2.6	W	3.8	SSW	2.3	2.9		—	—	—	—
25	62.2	59.6	61.4	61.1	SW	2.7	WSW	5.8	SW	5.8	4.2		—	—	—	—
26	61.4	59.0	57.3	59.2	—	0.3	WSW	6.4	WSW	4.1	3.3		—	—	—	—
27	62.1	62.6	63.1	62.6	NNE	0.7	NE	2.3	ESE	1.7	2.5		—	—	—	—
28	67.8	71.2	71.5	70.2	ENE	4.7	NE	5.5	NE	3.6	4.4		—	—	—	—
29	72.1	72.8	76.2	73.7	E	1.8	NE	2.9	NE	3.2	2.3		—	—	—	—
30	76.6	74.6	74.1	75.1	ESE	2.9	NE	1.2	SSE	0.6	1.4		—	—	—	—
31	75.7	73.9	69.9	73.2	NE	1.8	NE	1.5	—	0.0	1.4		0.0	—	—	0.0
平均 Mean	67.1	66.8	67.0	67.0		2.8		4.0		2.9	3.1		0.6	0.0	—	0.6

日 Day	氣溫 (攝氏) AIR TEMPERATURE. (°C)							濕度 (百分率) REL. HUMIDITY. (%)				雲量 (0-10) 及雲形 AMOUNT (0-10) AND FORMS OF CLOUD.				日照時數 NO. OF HOURS WITH SUNSHINE.	蒸發量 (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.		
1	84.8	98.8	93.8	92.5	99.6	83.9	15.7	75	61	82	73	0 —	5 ck	7 ck	4.0	6.50	2.0
2	83.4	94.0	88.0	88.5	94.0	82.2	11.8	68	76	60	68	0 —	0 —	4 cs	1.3	6.60	1.6
3	83.8	93.9	89.8	89.2	95.2	82.5	12.7	69	87	57	71	0 —	0 —	0 —	0.0	7.70	1.6
4	99.2	3.2	99.6	0.7	3.3	89.6	13.7	71	56	71	66	9 sk	0 —	0 —	3.0	7.70	2.2
5	98.6	94.6	94.6	95.9	0.9	89.9	11.0	76	97	94	89	0 —	10 ⩾	10 ⩾	6.7	0.00	0.9
6	93.4	96.0	96.2	95.2	96.2	92.5	3.7	87	100	94	94	10 ⩾	10 ⩾	10 sk	10.0	0.00	0.3
7	2.1	4.0	4.9	3.7	4.9	96.1	8.8	86	82	69	79	10 sk	10 sk	10 sk	10.0	0.00	1.2
8	96.5	95.7	93.0	95.1	5.0	93.0	12.0	92	64	76	77	10 sk	0 —	0 —	3.3	5.50	1.1
9	90.0	99.6	1.8	97.1	1.9	88.4	13.5	96	55	58	70	0 —	0 —	10 sk	3.3	7.70	1.5
10	2.3	6.0	5.4	4.6	6.2	1.3	4.9	85	60	97	81	8 sk	10 cs	9 sk	9.0	0.90	2.1
11	0.2	99.3	96.3	98.6	5.9	95.8	10.1	68	45	89	67	9 cs	2 cs	0 —	3.7	7.90	1.7
12	96.1	99.4	93.2	96.2	1.7	93.0	8.7	89	54	79	74	10 cs	9 cs	0 —	6.3	3.60	1.6
13	89.8	97.1	94.0	93.6	98.6	88.6	10.0	85	46	70	67	0 —	7 s	0 —	2.3	7.60	1.5
14	90.4	96.8	90.8	92.7	97.2	88.7	8.5	85	32	72	63	0 —	0 —	0 —	0.0	8.10	2.5
15	96.6	98.2	89.2	94.7	1.4	89.2	12.2	54	64	66	61	0 —	4 cs	0 —	1.3	7.00	2.6
16	85.6	93.0	98.2	92.3	98.5	84.2	14.3	81	50	66	66	0 —	0 —	9 sk	3.0	6.50	2.2
17	2.0	7.2	95.8	1.7	7.7	95.8	11.9	60	51	78	63	0 —	8 cs	0 —	2.7	6.50	2.5
18	89.6	92.0	89.8	90.5	96.0	86.7	9.3	92	67	70	76	10 n	4 cs	0 —	4.7	6.50	1.6
19	87.4	92.4	90.8	90.2	93.7	86.7	7.0	83	62	72	72	0 —	10 cs	0 —	3.3	2.70	1.6
20	87.8	95.0	89.8	90.9	95.2	87.5	7.7	75	32	64	57	3 sk	10 cs	3 sk	5.3	4.70	1.6
21	89.6	92.2	87.8	89.9	92.6	87.8	4.8	56	33	67	52	5 sk	0 —	0 —	1.7	6.30	1.4
22	87.4	93.2	88.4	89.7	94.0	85.5	8.5	67	23	72	54	0 —	0 —	0 —	0.0	7.20	1.5
23	87.6	98.2	93.4	93.1	99.2	86.8	12.4	67	25	63	52	0 —	5 ck	5 ck	3.3	4.30	1.6
24	87.4	97.4	91.6	92.1	98.5	87.3	11.2	75	30	73	59	0 —	0 —	0 —	0.0	7.70	1.8
25	92.1	2.6	98.8	97.8	2.8	91.0	11.8	87	31	71	63	0 —	0 —	0 —	0.0	7.10	2.2
26	92.6	4.0	0.6	99.1	5.0	90.4	14.6	93	33	68	65	0 —	10 cs	0 —	3.3	4.50	2.1
27	97.6	98.0	93.8	96.5	1.6	93.8	7.8	77	46	76	66	5 cs	10 sk	4 sk	6.3	0.00	1.2
28	87.8	90.8	85.4	88.0	94.2	85.1	9.1	91	60	63	71	0 —	0 —	0 —	0.0	7.30	1.3
29	82.6	89.4	86.2	86.1	90.1	81.2	8.9	77	60	55	64	0 —	0 —	0 —	0.0	7.50	1.5
30	82.0	89.5	84.2	85.2	91.2	80.7	10.5	54	43	58	52	0 —	0 —	2 cs	0.7	7.80	2.0
31	88.0	91.9	91.2	90.4	93.8	83.1	10.7	75	70	80	75	0 —	3 cs	10 sk	4.3	6.60	1.6
平均 Mean	91.4	96.9	93.4	93.9	98.9	88.7	10.3	77	55	72	68	2.9	4.1	3.0	3.3	170.00	52.1

* 重力ノ更正 Reduction to standard gravity ..... — 0.3
海面ニノ更正 Reduction to mean sea level ..... + 3.8

開　原
KAIYUAN.

昭和五年十二月　　DECEMBER, 1930.

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	59.0	60.8	57.5	59.1	—	0.4	S	4.9	WNW	3.9	2.7	—	—	—	—
2	60.8	62.4	62.7	62.0	WSW	2.8	SSW	3.2	S	3.5	2.7	—	—	—	—
3	67.2	68.1	67.3	67.5	S	2.3	SSW	4.1	S	3.2	3.4	—	—	—	—
4	65.1	64.0	63.8	64.3	S	4.1	SSW	4.1	S	5.3	4.1	—	—	—	—
5	65.0	65.5	65.4	65.3	—	0.3	NNW	2.3	S	1.2	1.9	—	—	—	—
6	63.8	61.6	60.8	62.1	S	1.2	SSW	0.8	SSE	0.6	1.0	—	—	—	—
7	58.8	57.7	58.8	57.8	NNE	0.6	SW	3.7	ENE	0.6	1.5	—	—	—	—
8	60.4	62.3	63.2	62.0	NW	1.5	WSW	0.8	SSE	1.6	1.7	0.0	—	—	0.0
9	61.6	57.8	55.7	58.4	NE	0.7	SSW	2.3	S	5.8	2.0	—	—	—	—
10	55.2	51.3	50.3	52.3	S	2.9	S	5.3	SSW	7.5	4.6	—	—	—	—
11	54.5	58.9	61.0	58.1	NW	1.6	WNW	4.1	S	3.3	3.4	—	—	—	—
12	59.1	59.1	63.4	60.5	NE	0.8	NNW	2.3	WNW	0.9	1.7	—	—	—	—
13	64.4	62.8	63.1	63.4	SSW	1.8	SW	5.2	SSW	1.1	1.9	—	—	—	—
14	62.8	61.7	61.3	61.9	S	2.9	W	2.9	SSE	2.8	2.3	—	—	—	—
15	57.0	60.2	65.9	61.0	S	4.7	NW	3.5	NNE	1.8	3.7	—	—	—	—
16	65.2	62.4	57.6	61.7	NE	1.3	SSW	1.9	SSE	3.7	2.0	—	—	—	—
17	53.0	51.9	52.6	52.5	SSW	5.7	NW	1.4	NW	2.9	3.0	—	—	0.0	0.0
18	58.3	60.9	63.8	61.0	NW	2.9	NNW	2.3	S	1.9	2.1	0.0	—	—	0.0
19	65.1	64.6	64.3	64.7	SSE	1.8	SSE	1.0	S	1.5	1.3	—	—	—	—
20	64.7	64.4	63.6	64.2	S	2.9	SW	3.2	NW	1.5	1.7	—	—	—	—
21	65.2	64.1	63.4	64.2	NW	1.3	WNW	3.9	WSW	3.6	2.2	—	—	—	—
22	63.3	64.0	64.2	63.8	WSW	1.8	W	3.7	S	2.3	2.3	—	—	—	—
23	61.5	58.5	57.7	59.2	S	4.1	SW	3.5	S	3.1	3.6	—	—	—	—
24	58.8	55.6	56.8	57.1	S	3.6	SW	4.0	S	4.0	3.6	—	—	—	—
25	55.8	53.5	55.2	54.8	SSW	2.0	SSW	6.7	SW	2.8	3.3	—	—	—	—
26	58.5	53.6	51.5	54.5	E	1.1	SSW	6.7	SSW	5.3	3.2	—	—	—	—
27	56.5	57.7	58.5	57.6	NW	2.3	NNE	0.8	N	2.9	2.1	—	—	—	—
28	63.5	65.9	65.9	65.1	NNW	3.1	N	3.4	N	2.3	3.4	—	—	—	—
29	66.3	67.1	69.3	67.6	NE	0.5	WSW	2.3	WNW	1.2	1.6	—	—	—	—
30	70.7	68.8	69.0	69.5	SSE	1.7	SW	3.5	SSE	2.1	1.9	—	—	—	—
31	70.2	69.1	65.3	68.2	E	0.5	WSW	3.0	ENE	1.5	1.4	—	—	—	—
平均 Mean	61.7	61.2	61.2	61.3		2.1		3.4		2.7	2.5	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 HOURS WITH SUNSHINE.	蒸發量 (粍) AMOUNT OF EVAPORATION.
1	78.5	93.6	89.6	87.2	94.2	77.7	16.5	84	64	74	74	0 —	9 cs	10 c	6.3	4.10	1.2
2	83.7	88.9	83.9	85.5	89.6	78.8	10.8	63	59	74	65	0 —	0 —	0 —	0.0	7.50	0.9
3	79.5	90.6	86.2	85.4	91.3	78.0	13.3	85	59	64	69	0 —	0 —	0 —	0.0	7.50	1.0
4	89.6	0.6	95.0	95.1	0.7	84.8	15.9	89	70	69	76	0 —	5 k	0 —	1.7	6.30	1.2
5	89.7	96.6	93.1	93.1	96.8	88.4	8.4	85	86	97	89	10 kc	10 kc	10 n	10.0	0.00	0.8
6	93.5	95.4	92.5	93.8	95.5	92.3	3.2	100	91	100	97	10 s	10 n	10 s	10.0	0.00	0.6
7	97.3	0.4	0.2	99.3	1.0	92.5	8.5	92	94	96	94	10 s	10 n	10 n	10.0	0.00	0.4
8	91.4	93.4	87.6	90.8	0.2	87.3	12.9	83	87	91	87	10 n	0 —	0 —	3.3	6.90	0.8
9	85.2	97.0	98.3	93.5	98.3	83.9	14.4	90	50	80	73	0 —	0 —	8 c	2.7	7.40	1.2
10	98.0	1.7	3.5	1.1	3.0	97.2	6.4	80	71	74	75	8 c	10 n	10 n	9.3	0.00	2.1
11	96.6	96.4	92.5	95.2	3.5	91.8	11.7	52	63	78	64	0 —	0 —	5 c	1.7	7.50	1.2
12	92.0	95.2	88.7	92.0	95.2	87.8	7.4	90	51	84	75	7 cs	10 kc	0 —	7.7	0.00	1.0
13	86.0	94.4	89.8	90.1	95.3	85.1	10.2	86	44	70	67	0 —	4 k	0 —	1.3	7.40	1.4
14	86.0	94.3	87.4	89.2	94.3	84.6	9.7	82	31	79	64	0 —	0 —	0 —	0.0	7.30	1.2
15	92.8	92.9	84.7	90.1	94.4	84.4	10.0	51	63	85	67	10 c	6 k	0 —	5.3	3.20	1.1
16	81.2	91.2	89.5	87.3	91.9	80.7	11.2	86	41	66	64	0 —	2 c	0 —	0.7	6.20	1.5
17	98.7	99.2	94.9	97.6	99.7	88.3	11.4	64	71	80	72	10 n	10 n	10 n	10.0	0.00	0.8
18	84.4	88.7	87.5	86.9	94.0	82.8	12.1	89	72	66	76	5 k	10 c	0 —	5.0	5.50	0.7
19	83.5	89.6	85.2	86.1	91.1	82.8	8.3	73	49	90	71	0 —	10 sk	0 —	3.3	1.20	0.5
20	83.8	93.5	89.2	88.8	93.5	82.3	11.2	89	34	69	64	0 —	10 cs	0 —	3.3	4.80	1.0
21	85.7	89.9	85.9	87.2	90.0	84.5	5.5	81	31	68	60	0 —	0 —	0 —	0.0	7.00	0.6
22	[illegible]	91.5	86.1	86.8	91.8	82.2	9.6	72	34	68	60	0 —	0 —	0 —	0.0	7.90	1.
23	84.0	94.8	87.9	88.9	95.7	83.4	12.3	84	35	79	66	0 —	10 sc	0 —	3.3	7.90	0.9
24	85.7	95.7	88.9	90.1	96.2	85.1	11.1	76	29	62	56	0 —	4 c	0 —	1.3	5.60	1.4
25	88.0	99.8	93.2	93.7	99.8	87.0	12.8	71	31	63	55	0 —	0 —	0 —	0.0	8.00	1.6
26	86.3	1.4	0.6	96.1	1.4	85.6	15.8	95	34	76	68	0 —	10 sc	9 sc	6.3	5.60	2.2
27	93.6	93.6	89.8	92.3	0.6	89.4	11.2	64	70	85	73	5 c	10 sc	4 c	6.3	2.60	0.8
28	84.8	88.4	83.4	85.5	89.8	83.0	6.8	95	49	68	71	0 —	0 —	0 —	0.0	6.80	0.8
29	78.6	88.2	84.2	83.7	88.7	77.4	11.3	93	49	69	70	0 —	7 cs	0 —	2.3	8.00	0.8
30	77.5	87.9	81.2	82.2	88.4	76.8	11.6	83	41	80	68	0 —	0 —	0 —	0.0	8.00	0.5
31	78.7	90.5	83.9	84.4	91.6	78.0	13.6	70	46	84	67	0 —	0 c	5 cs	1.7	7.90	0.8
平均 Mean	87.0	94.0	89.8	90.3	95.5	84.6	10.8	81	55	77	71	2.7	5.1	2.9	3.6	157.90	32.1

* 氣壓ノ眞正 Reduction to standard gravity ..... — 0.2
Reduction to mean sea level ..... + 0.2

鄭家屯

昭和五年十二月 CHENGCHIATUN. DECEMBER, 1930.

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	58.0	53.9	53.4	56.1	WSW	2.8	SSW	3.1	NW	2.9	2.6	—	—	—	—
2	61.2	60.2	62.2	61.2	NNW	5.1	NNW	5.5	WNW	4.0	3.9	—	—	—	—
3	65.4	65.2	63.7	64.8	NW	2.9	W	5.0	SSW	4.5	3.6	—	—	—	—
4	62.1	61.6	62.7	62.1	SSW	2.5	SSW	4.2	S	1.3	2.6	—	—	—	—
5	64.5	65.1	64.7	64.8	NNE	2.4	N	2.2	NNE	1.2	2.1	—	—	—	—
6	62.7	60.6	59.0	60.8	—	0.1	SSW	1.9	SSW	2.2	1.3	—	—	—	—
7	57.6	56.6	56.2	56.8	SW	1.4	—	0.4	NNE	1.1	1.0	—	—	—	—
8	59.3	60.4	61.8	60.5	NNW	3.2	NNW	3.7	S	0.8	2.2	—	—	—	—
9	60.1	55.7	53.3	56.4	SSE	1.9	SSW	3.6	SSW	2.9	2.3	—	—	—	—
10	52.7	49.0	47.5	49.7	SSW	3.4	SSW	5.8	S	6.1	4.7	—	—	—	—
11	52.4	57.2	59.0	53.2	WNW	6.3	WNW	3.7	SSW	1.2	4.5	—	—	—	—
12	57.7	58.6	62.9	59.7	SSW	0.7	N	5.2	—	0.0	2.2	—	—	—	—
13	63.1	61.4	61.9	62.1	WNW	3.0	SW	1.4	WSW	2.0	2.0	—	—	—	—
14	61.1	60.3	59.5	60.3	W	1.8	WNW	4.9	SW	0.9	2.2	—	—	—	—
15	55.8	60.4	64.7	60.3	SSW	2.1	N	6.4	NNE	0.6	2.2	—	0.0	—	0.0
16	63.8	60.8	55.5	60.0	—	0.2	SSW	3.4	SSE	3.0	1.5	—	—	—	—
17	51.7	51.2	53.0	52.0	ENE	2.8	NNE	3.4	NNE	5.0	3.1	—	—	—	—
18	57.4	59.0	62.2	59.5	NNW	3.8	WNW	3.0	WSW	1.9	3.2	0.0	—	—	0.0
19	63.3	62.6	62.[illegible]	62.7	W	2.5	W	3.6	W	1.9	2.2	—	—	—	—
20	62.7	62.5	62.9	62.6	WSW	3.7	NNW	2.5	NNW	0.6	2.2	—	—	—	—
21	64.0	62.5	61.4	62.6	NNW	4.8	NW	5.2	W	2.9	4.3	—	—	—	—
22	60.8	61.9	60.5	61.1	WNW	3.1	NNW	5.3	WNW	1.8	3.4	—	—	—	—
23	58.2	56.4	56.0	56.9	W	3.4	WSW	5.4	W	2.6	3.0	—	—	—	—
24	54.1	53.9	54.4	54.2	W	5.1	NW	8.1	WSW	4.9	5.0	—	—	—	—
25	53.7	50.8	52.6	52.4	SW	3.3	WSW	6.1	W	1.8	3.7	—	—	—	—
26	54.7	51.8	49.0	51.8	—	0.0	SSW	2.7	SSW	2.7	1.7	—	—	—	—
27	56.0	57.3	58.7	57.3	NNW	5.3	NNE	1.6	NNE	3.6	2.9	—	0.0	—	0.0
28	62.4	64.7	66.0	64.4	N	4.5	N	3.1	NNE	2.3	3.8	—	—	—	—
29	65.8	64.8	67.5	66.0	NNE	0.5	WNW	4.1	NNW	4.1	2.0	—	—	—	—
30	68.7	66.7	66.7	67.4	NW	1.6	WSW	5.1	S	2.0	2.5	—	—	—	—
31	69.0	68.3	64.5	67.3	NNW	1.4	SSE	1.7	SE	1.6	1.0	—	—	—	—
平均 Mean	60.0	59.4	59.6	59.7		2.8		3.9		2.4	2.7	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	82.8	92.1	85.6	86.8	93.1	81.7	11.4	89	67	90	82	0 —	9 n	3 c	4.0	4.81	1.4
2	83.5	88.6	85.7	85.9	90.0	81.3	8.7	89	43	76	69	4 s	2 c	0 —	2.0	7.16	1.3
3	81.4	92.6	87.0	87.0	94.4	80.7	13.7	93	43	91	76	0 —	0 —	0 —	0.0	8.14	1.3
4	86.1	99.5	90.5	92.0	99.8	85.5	14.3	95	74	89	86	0 —	0 —	0 —	0.0	8.16	1.4
5	84.4	91.2	85.4	97.0	92.4	83.2	9.2	94	69	90	8[illegible]	3 sc	0 —	0 —	1.0	5.03	1.3
6	88.0	92.0	90.8	90.3	92.7	85.2	7.5	96	97	97	97	10 ≡	10 n	10 ≡	10.0	0.00	1.2
7	91.6	93.3	93.8	92.9	94.4	90.3	4.1	97	100	100	59	10 ≡	10 ≡	10 ≡	10.0	0.00	0.5
8	86.2	91.9	86.0	88.0	96.5	84.4	12.1	91	80	95	89	0 —	8 kc	0 —	2.7	4.69	1.2
9	83.3	95.2	93.5	90.7	95.8	83.2	12.6	89	61	94	81	0 —	0 —	0 —	0.0	8.16	1.4
10	95.1	1.4	1.2	99.2	1.9	93.2	8.7	97	80	76	84	10 n	10 n	10 n	10.0	0.00	1.7
11	91.8	94.1	89.7	91.9	1.7	89.1	12.6	65	48	88	67	0 —	0 —	0 —	0.0	7.40	1.4
12	89.7	92.3	87.1	89.7	92.8	86.0	6.8	92	50	87	76	1	2 sc	0 —	1.0	7.37	1.2
13	84.0	93.2	88.0	88.4	93.8	83.5	10.3	89	45	88	74	0 —	0 —	0 —	0.0	7.47	1.1
14	82.9	91.0	85.0	86.3	91.7	81.6	10.1	94	89	100	9[illegible]	0 —	0 —	0 —	0.0	6.54	1.3
15	88.2	83.6	80.9	85.9	90.1	80.7	9.4	84	65	93	81	8 n	2 c	0 —	3.3	6.16	1.3
16	79.1	90.2	87.2	85.5	90.6	78.5	12.1	93	46	83	74	3 cs	2 s, c	0 —	1.7	6.84	1.5
17	92.1	93.3	86.1	90.5	93.6	86.0	7.6	93	82	91	89	10 n	10 n	10 n	10.0	0.00	1.2
18	79.8	88.3	85.2	84.4	89.6	79.4	10.2	93	65	90	83	0 —	0 c	0 —	0.0	6.93	1.0
19	82.3	91.4	86.2	86.6	92.8	81.8	11.0	94	45	91	77	4 kc	10 n	0 —	4.7	1.81	1.3
20	84.7	92.9	86.4	88.0	93.5	84.0	9.5	89	38	65	6[illegible]	0 —	10 n, ck	0 —	3.3	4.69	1.5
21	84.0	88.3	83.4	85.2	88.8	83.0	5.8	84	69	83	79	0 —	0 —	0 —	0.0	7.79	1.3
22	81.9	89.8	85.4	85.7	90.8	81.8	9.0	94	46	81	74	0 —	4	0 —	1.3	7.61	1.2
23	82.0	93.0	87.2	87.4	93.6	81.4	12.2	94	34	69	66	0 —	0 —	0 —	0.0	7.93	1.2
24	87.7	94.7	89.1	90.5	95.1	85.8	9.3	56	39	69	5[illegible]	10 n	0 —	0 —	3.3	7.66	1.2
25	86.0	98.4	90.2	91.5	98.6	85.1	13.5	76	46	89	70	0 —	0 —	0 —	0.0	7.37	1.4
26	83.5	95.8	97.1	92.1	97.4	83.4	14.0	94	57	89	80	0 —	10 n	10 n	6.7	2.73	1.2
27	83.2	88.4	85.6	87.4	97.8	85.6	12.2	88	80	90	86	10 n	10 n	10 sc	10.0	0.36	1.3
28	80.7	84.8	79.9	81.8	86.5	79.2	7.3	93	70	93	85	0 —	0 —	0 —	0.0	7.58	0.9
29	77.0	87.5	81.6	82.0	88.2	76.4	11.8	83	50	87	73	0 —	0 —	0 —	0.0	7.89	0.9
30	77.2	87.7	80.6	81.8	88.6	75.8	12.8	92	39	9[illegible]	75	0 —	0 —	0 —	0.0	7.98	1.3
31	77.7	87.2	82.8	82.6	89.3	77.0	12.3	83	54	89	75	0 —	0 —	6., kc	2.0	7.79	1.2
平均 Mean	84.6	91.9	87.2	87.9	93.4	83.0	10.4	89	60	87	79	2.7	3.5	2.2	2.8	174.05	38.6

* 重力ノ眞正 Reduction to standard gravity ····· − 0.1
海面ニノ眞正 Reduction to mean sea level ····· + 11.7

洮南

昭和五年十二月 TONAN DECEMBER, 1930.

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	52.3	50.7	52.4	51.8	W	2.1	WNW	2.5	W	1.3	1.6	—	—	—	—
2	53.9	55.2	57.2	55.4	W	0.7	W	3.5	WNW	4.3	2.0	—	—	—	—
3	59.3	58.6	54.6	57.5	NNE	0.5	W	6.0	WSW	3.5	3.4	—	—	—	—
4	56.8	57.9	61.0	58.6	W	2.0	NE	2.5	N	3.5	3.1	—	—	—	—
5	61.9	61.7	60.9	61.5	NNW	1.2	W	1.6	S	2.7	1.7	—	—	—	—
6	58.3	55.9	55.9	56.7	S	1.2	S	2.1	SE	1.5	2.0	—	—	—	—
7	56.3	53.7	54.0	54.7	N	2.2	NNE	1.8	N	1.8	1.6	—	0.0	0.3	0.3
8	54.4	53.7	56.7	54.9	N	0.5	W	2.1	SW	2.6	1.4	0.2	—	—	0.2
9	54.7	48.9	45.7	49.8	S	1.3	S	6.1	SSW	6.0	4.4	—	—	—	—
10	47.1	42.7	41.5	43.3	—	0.1	SE	4.5	SW	2.3	2.3	—	—	—	—
11	48.4	52.1	54.2	51.6	W	3.4	SW	2.5	WSW	4.7	4.1	—	—	—	—
12	53.7	55.3	57.2	55.5	NW	4.1	W	3.4	WNW	2.7	3.2	—	—	—	—
13	57.6	56.6	57.8	57.3	W	1.2	WSW	2.1	WSW	3.2	1.8	—	—	—	—
14	55.8	55.4	54.6	55.3	W	1.2	WSW	1.9	S	1.8	1.8	—	—	—	—
15	54.4	57.8	60.7	57.6	E	4.1	N	2.9	S	2.0	2.7	—	—	—	—
16	58.8	55.8	52.1	55.6	SSW	1.5	SSW	2.8	ESE	3.2	2.4	—	—	—	—
17	51.9	52.0	51.7	51.9	NE	5.3	NNE	6.1	NNE	3.5	4.5	—	—	—	—
18	53.6	54.5	57.6	55.2	NNW	0.6	WSW	1.8	W	1.1	1.5	0.5	—	—	0.5
19	57.8	56.9	57.2	57.3	NNW	0.5	W	2.3	W	4.0	2.8	—	—	—	—
20	57.1	57.1	58.7	57.7	W	2.6	WNW	2.7	NW	4.1	3.2	—	—	—	—
21	59.3	56.7	55.4	57.1	NW	3.0	W	3.9	W	5.5	3.9	—	—	—	—
22	55.6	56.1	55.8	55.8	W	3.5	WNW	3.0	W	3.0	3.1	—	—	—	—
23	53.6	50.2	49.9	51.2	W	3.8	W	5.5	W	8.2	4.1	—	—	—	—
24	47.6	47.1	48.9	47.9	W	4.5	W	3.5	W	4.4	5.3	—	—	—	—
25	46.4	44.9	48.7	46.7	W	5.7	W	5.8	WNW	5.5	5.1	—	—	—	—
26	50.1	47.3	46.7	48.0	SW	3.3	SSW	2.3	N	7.0	3.6	—	—	—	—
27	51.9	54.6	56.9	54.5	N	6.7	N	4.1	NNE	5.7	6.3	—	0.1	—	0.1
28	60.0	61.6	62.1	61.2	NNW	3.5	NNW	1.8	SE	1.1	2.3	—	—	—	—
29	60.6	61.3	63.3	61.7	SSW	3.4	WNW	2.6	W	2.3	2.0	—	—	—	—
30	63.8	62.2	63.0	63.0	W	3.7	S	1.8	—	0.1	1.7	—	—	—	—
31	64.6	63.1	59.9	62.5	WSW	0.8	W	1.6	S	2.7	1.9	—	—	—	—
平均 Mean	55.4	54.8	55.2	55.1		2.5		3.2		3.4	2.9	0.7	0.1	0.3	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. (mm)
1	79.5	87.7	83.4	83.5	88.0	77.2	10.8	100	67	49	72	0 —	7 c	10 c, ck	5.7	7.78	0.7
2	76.0	87.1	83.1	81.7	89.2	75.0	14.2	100	50	77	76	0 —	0 —	0 —	0.0	8.33	0.7
3	75.3	92.5	85.5	84.4	93.3	75.2	18.1	100	45	68	71	0 —	0 —	0 —	0.0	8.16	0.9
4	83.1	88.1	81.5	84.2	89.2	81.5	7.7	68	91	82	80	0 —	2 c	0 —	0.7	7.68	0.6
5	79.3	88.7	81.5	83.2	89.6	77.0	12.6	100	77	94	90	0 —	0 —	0 —	0.0	8.05	0.6
6	78.5	90.3	83.7	84.2	91.4	78.4	13.0	100	70	89	89	0 —	0 —	0 —	0.0	7.76	0.5
7	82.9	86.5	86.1	85.2	86.7	82.7	4.0	100	91	95	95	10 n	10 n	10 n	10.0	0.00	0.3
8	83.1	88.7	81.9	84.6	89.2	77.2	12.0	89	92	100	94	0 —	0 —	0 —	0.0	3.86	0.4
9	79.1	93.5	91.3	88.0	94.0	78.4	15.6	93	76	62	77	0 —	3 c	0 —	1.0	7.95	0.7
10	90.1	96.4	92.3	92.9	96.6	86.7	9.9	85	89	81	85	10 cs	9 c	1 c	6.7	4.06	0.7
11	86.9	93.8	87.7	89.5	95.8	84.3	11.5	87	62	76	75	0 —	0 —	0 —	0.0	7.87	0.9
12	86.7	90.8	81.9	86.5	92.4	81.8	10.6	75	66	100	80	8 cs	0 —	0 —	2.7	7.36	0.7
13	77.9	87.5	79.8	81.7	88.8	76.2	12.6	100	71	93	88	0 —	2 c	0 —	0.7	7.78	0.5
14	76.5	86.3	81.7	81.5	87.8	75.4	12.4	92	61	82	78	0 —	0 —	0 —	0.0	7.83	0.5
15	79.3	81.1	75.3	78.6	84.8	74.8	10.0	78	64	81	74	3 c	0 —	0 —	1.0	7.41	0.6
16	73.3	84.3	84.0	80.5	85.2	69.2	16.0	89	52	80	74	4 ak	7 cs	0 —	3.7	4.01	0.6
17	79.5	80.1	79.5	79.7	85.2	78.4	6.8	80	86	93	86	0 —	10 c	0 —	3.3	1.19	0.5
18	76.1	88.1	81.9	82.0	88.8	75.2	13.6	81	62	88	77	5 n	1 cs	0 —	2.0	7.71	0.5
19	79.3	90.7	81.9	84.0	90.8	78.0	12.8	86	48	88	74	0 —	2 s	0 —	0.7	8.00	0.7
20	78.3	88.7	83.9	83.6	89.2	77.8	11.4	85	69	61	72	0 —	10 n	0 —	3.3	5.56	0.5
21	77.8	88.5	83.3	83.0	88.7	75.2	13.5	75	55	58	63	0 —	0 —	0 —	0.0	8.11	0.7
22	80.3	89.9	82.1	84.1	90.5	77.7	12.8	87	64	77	76	0 —	0 —	0 —	0.0	7.75	0.8
23	81.7	90.7	83.6	85.3	91.0	80.3	10.7	77	54	80	70	0 —	4 c	0 —	1.3	8.01	0.7
24	87.3	93.1	87.7	89.4	93.4	81.8	11.6	71	58	60	63	0 —	0 —	0 —	0.0	7.76	1.0
25	87.5	93.9	87.6	89.7	94.4	84.7	9.7	67	50	71	62	0 —	5 cs	0 —	1.7	6.44	0.9
26	80.3	91.9	87.9	86.7	92.4	80.0	12.4	87	67	84	79	0 —	10 n	0 —	3.3	2.46	0.6
27	83.9	83.5	80.9	82.8	88.2	80.9	7.3	94	89	87	90	0 —	10 n	10 s	6.7	3.62	0.4
28	75.4	81.3	76.1	77.6	83.4	74.9	8.5	100	94	91	95	0 —	0 —	6 c	2.0	7.70	0.4
29	74.4	84.1	75.3	77.9	86.0	71.8	14.2	100	61	91	84	0 —	1 c	0 —	0.3	7.99	0.6
30	71.3	82.9	73.9	75.8	83.4	69.5	13.9	75	77	100	84	0 —	9 c, ck	0 —	3.0	8.12	0.6
31	70.9	82.3	76.5	76.6	83.6	69.8	13.8	73	68	100	80	0 —	0 —	2 cs	0.7	8.16	0.4
平均 Mean	79.7	88.1	82.6	83.5	89.4	77.6	11.7	87	69	82	79	1.3	3.3	1.3	2.0	204.47	19.2

重力ノ更正 Reduction to standard gravity ..... — 0.0 mm

齊々哈爾

昭和五年十二月 **TSITSIKHAR.** DECEMBER, 1930.

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	50.7	50.6	51.0	40.8	NW	0.7	WNW	2.0	—	0.0	1.2	—	—	—	—
2	51.9	52.1	55.6	53.2	NNW	0.9	WSW	4.4	NNW	1.9	2.9	—	—	—	—
3	56.2	54.8	54.5	55.2	W	2.7	WSW	3.3	SW	0.5	2.3	—	—	—	—
4	55.5	57.8	60.3	57.9	NNE	2.5	NNE	3.4	NNE	1.1	2.6	—	—	—	—
5	61.2	60.6	59.5	60.4	—	0.0	—	0.3	SSE	3.1	2.1	—	—	—	—
6	57.0	56.2	56.1	56.4	SSE	3.7	S	1.2	ESE	1.0	2.7	—	—	—	—
7	55.5	52.9	53.1	53.8	NE	0.6	NNE	0.8	N	0.6	1.4	—	0.0	—	0.0
8	53.0	54.0	55.1	54.0	NNW	4.7	NW	2.0	SSW	1.1	3.0	0.5	0.1	—	0.6
9	52.8	47.2	41.8	47.3	SSE	4.3	S	10.3	SSW	3.1	6.1	—	—	—	—
10	43.6	43.2	40.4	42.4	W	3.4	—	0.1	SE	5.7	4.2	—	—	0.1	0.1
11	44.9	49.5	49.9	48.1	NNW	11.1	NW	0.6	NW	0.6	4.4	1.0	0.0	—	1.0
12	52.0	53.1	55.3	53.5	W	2.7	NNW	4.7	NW	3.7	3.5	—	—	—	—
13	55.7	55.1	54.6	55.1	NNW	6.4	—	0.0	SW	6.9	2.7	—	—	—	—
14	53.7	53.7	54.1	53.8	NW	3.1	—	0.0	WNW	1.5	2.0	—	—	—	—
15	54.8	56.3	58.5	56.5	—	0.0	NNW	4.0	WSW	1.6	2.6	—	—	—	—
16	59.3	55.2	54.2	56.2	NW	3.2	—	0.4	ESE	2.9	2.0	—	—	0.0	0.0
17	52.7	53.2	52.4	52.8	NNE	5.7	NE	3.9	NNE	2.9	4.0	0.5	—	0.0	0.5
18	51.0	51.9	53.7	52.2	—	0.0	SW	6.0	W	6.1	2.6	0.0	—	—	0.0
19	54.1	52.2	53.7	53.3	WSW	3.8	SW	3.3	W	6.0	6.3	—	—	—	—
20	55.1	55.5	57.9	56.2	W	5.0	NW	4.3	NNW	1.9	4.9	—	—	—	—
21	56.8	52.6	52.8	54.1	W	6.7	WSW	10.8	WNW	9.4	5.5	—	—	—	—
22	52.6	52.5	52.3	52.5	NW	3.7	WNW	4.3	WNW	3.9	2.9	—	—	—	—
23	50.1	48.0	47.4	48.5	SW	1.3	W	1.5	W	1.9	1.5	—	—	—	—
24	45.2	45.4	45.4	45.3	W	2.0	W	2.3	SSW	2.5	1.4	—	—	—	—
25	43.0	41.2	43.9	42.7	WSW	2.1	WSW	4.4	WNW	6.5	3.7	—	—	—	—
26	48.2	48.1	49.4	48.6	—	0.4	SSE	2.5	NNE	4.5	2.7	—	—	0.3	0.3
27	52.5	54.5	57.1	54.7	NNE	9.0	W	4.6	WSW	3.4	5.6	0.2	—	—	0.2
28	59.5	61.2	60.8	60.5	SW	1.8	SW	0.7	—	0.4	1.2	—	—	—	—
29	59.6	59.0	60.7	59.8	—	0.3	SSW	8.1	SSW	6.2	3.2	—	—	—	—
30	61.9	60.7	62.1	61.6	SSW	1.6	SW	3.5	SE	2.0	0.8	—	—	—	—
31	62.9	62.6	59.5	61.7	S	2.6	ENE	1.8	NE	2.6	2.2	—	—	—	—
平均 Mean	53.6	53.3	53.6	53.5		3.1		3.2		3.1	3.0	2.2	0.1	0.4	2.7

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	74.9	83.6	78.9	79.1	85.2	73.3	11.9	71	68	62	67	0 —	0 —	1 c	0.3	7.80	0.6
2	73.2	85.8	78.2	79.1	86.2	71.8	14.4	35	51	77	54	0 —	3 c	1 c	1.3	7.45	1.0
3	77.2	91.4	84.4	84.3	92.1	75.3	16.8	75	43	80	66	0 —	10 cs	0 —	3.3	7.45	0.8
4	78.1	85.5	81.9	81.8	86.9	76.5	10.4	77	76	82	78	0 —	1 sk	0 —	0.3	7.00	0.8
5	77.9	87.9	81.6	82.5	88.7	76.1	12.6	62	63	81	69	0 —	0 —	0 —	0.0	7.60	0.5
6	78.5	85.5	81.5	81.8	86.2	77.3	8.9	55	76	81	71	0 —	0 —	0 —	0.0	6.40	0.2
7	79.6	82.6	85.9	82.7	85.9	78.4	7.5	78	89	86	84	10 s	10 s	10 s	10.0	0.00	0.4
8	83.4	87.1	81.6	84.0	89.1	80.4	8.7	78	69	81	76	10 n	0 —	0 —	3.3	5.98	0.6
9	80.4	89.8	88.9	86.4	90.6	78.8	11.8	86	74	84	81	0 —	2 c	1 c	1.0	4.75	0.9
10	82.4	95.9	90.2	89.5	96.6	81.9	14.7	82	63	85	77	0 ck	8 c, ck	10 n	6.0	3.10	0.2
11	88.6	88.6	82.0	86.4	90.9	81.1	9.8	80	62	70	71	10 n, cs	0 —	0 —	3.3	4.50	0.6
12	78.8	88.0	80.5	82.4	89.1	76.4	12.7	70	63	73	69	0 —	1 c	0 —	0.3	6.72	0.6
13	80.0	83.7	79.2	81.0	85.4	74.6	10.8	65	73	78	72	0 —	0 —	0 —	0.0	7.60	0.7
14	76.0	81.6	75.6	77.7	86.6	72.7	13.9	53	33	62	49	0 —	0 —	0 —	0.0	7.40	0.5
15	70.2	80.0	74.2	74.8	85.4	67.5	17.9	42	58	79	60	0 —	0 —	0 —	0.0	7.21	0.7
16	70.8	79.9	79.0	76.6	85.1	68.6	16.5	55	52	62	56	0 —	2 c, sk	10 n	4.0	4.95	0.4
17	73.0	76.0	76.5	75.2	85.0	70.6	14.4	66	44	56	55	0 —	10 cs	6 n	5.3	1.64	0.5
18	77.1	83.3	77.4	79.3	85.2	74.3	10.9	75	73	75	74	0 —	1 c	0 —	0.3	6.93	0.7
19	77.7	88.5	81.5	82.6	89.1	75.8	13.3	75	60	70	68	0 —	0 sc	0 —	0.0	7.00	0.8
20	78.5	88.1	81.2	82.6	88.6	76.8	11.8	77	63	76	72	0 —	1 c	6 ck	2.3	7.12	0.7
21	75.4	86.4	79.4	80.4	86.7	73.9	12.8	62	51	65	59	0 —	0 —	0 —	0.0	7.60	0.6
22	76.5	87.4	81.2	81.7	88.4	75.2	13.2	56	59	70	62	1 sk	0 —	0 —	0.3	6.82	0.6
23	77.2	87.6	80.4	81.7	88.1	75.9	12.2	83	67	80	77	0 —	1 c	0 —	0.3	7.05	0.5
24	81.0	88.5	82.8	84.1	90.7	77.6	13.1	81	65	77	74	5 n	1 c	0 —	2.0	7.02	0.7
25	84.1	91.8	84.4	86.8	93.5	79.3	14.2	75	65	65	69	10 kn	1 sc	0 —	3.7	6.45	0.6
26	78.9	86.5	83.0	82.8	87.2	77.8	9.4	78	69	83	77	0 —	10 sc	10 n	6.7	0.80	0.2
27	76.6	79.9	74.8	77.1	85.6	73.7	11.9	73	65	71	70	10 cs	3 sc	0 —	4.3	6.60	0.6
28	70.6	78.3	73.5	74.1	85.4	68.8	16.6	70	77	66	71	0 —	0 —	3 c	1.0	2.52	0.5
29	70.2	83.5	76.2	76.6	85.2	68.8	16.4	42	54	56	51	10 sc	0 —	0 —	3.3	7.75	0.7
30	70.0	81.5	73.5	75.0	85.1	67.8	17.3	29	53	66	49	0 —	6 c	0 —	2.0	0.00	0.4
31	70.3	79.2	73.7	74.4	85.0	68.2	16.8	56	52	89	66	0 —	0 —	0 —	0.0	8.30	0.6
平均 Mean	77.0	85.3	80.1	80.8	87.7	74.7	13.0	67	62	74	68	2.1	2.3	1.9	2.1	179.51	18.2

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

海面ヘノ更正 Reduction to mean sea level ..... + 20.9

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昭　和　五　年

滿　洲　氣　象　表

ANNUAL REPORT

OF THE

METEOROLOGICAL OBSERVATIONS

MADE AT THE

METEOROLOGICAL STATIONS

IN

MANCHURIA

1930

WEATHER BUREAU LIBRARY

PUBLISHED BY THE METEOROLOGICAL OBSERVATORY

DAIREN, MANCHURIA.

凡　例

本編ハ昭和五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, 1930.

The instruments and the method of observation are the same as those at the meteorological stations in Japan. The fo llowings 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 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	◐	Solar 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, fog	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
露氷	V	Silver thaw	極光	⩊	Aurora	層雲	S	Stratus

大　連
DAIREN.

昭　和　五　年　　1930

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.	64.5	64.0	65.0	63.5	64.0	64.4	**64.2**	71.1	3	55.4	15	1.7	1.8	1.8	1.7	1.9	1.9	**1.8**
二月 Feb.	60.9	60.7	61.2	59.8	60.2	60.8	60.6	67.1	10	49.4	23	2.7	2.6	2.8	3.0	2.9	2.8	2.8
三月 Mar.	58.1	57.9	58.6	57.5	57.7	58.3	58.0	69.3	7	43.2	14	3.9	3.9	4.0	3.9	3.9	3.9	3.9
四月 April	53.7	53.7	**54.6**	53.5	53.0	53.8	53.7	63.2	1	45.0	17	5.0	5.2	5.2	5.0	5.1	5.1	5.1
五月 May	51.3	51.5	**52.0**	51.0	50.3	51.1	51.2	57.6	24	43.6	8	8.0	8.0	8.2	8.3	7.8	7.9	8.0
六月 June	48.0	48.3	48.7	48.1	47.8	48.5	48.2	54.9	10	41.5	1	10.8	11.3	11.0	10.5	10.3	11.0	10.8
七月 July	**44.9**	**45.1**	**45.7**	**45.2**	**44.7**	**45.3**	**45.2**	52.5	2	**39.7**	15. 16	18.9	19.3	19.7	19.8	19.4	19.4	**19.4**
八月 Aug.	47.0	47.1	47.5	46.9	46.6	47.4	47.1	54.3	28	40.1	12. 18	18.2	18.8	18.4	18.5	18.6	18.6	18.5
九月 Sept.	54.4	54.6	55.0	53.9	53.8	54.6	**54.1**	60.3	19	47.3	30	11.4	11.5	11.8	11.4	11.5	11.7	11.5
十月 Oct.	56.8	56.6	57.3	56.2	56.6	57.2	56.8	65.2	11	46.4	6	8.0	8.0	7.6	7.5	8.1	7.7	7.8
十一月 Nov.	59.5	59.1	59.9	58.8	59.5	60.1	59.5	65.9	14	52.0	8	3.6	3.5	3.7	3.6	3.6	3.6	3.6
十二月 Dec.	62.2	61.9	62.9	61.3	61.8	62.2	62.0	**71.6**	30	52.2	17	2.7	2.5	2.6	2.6	2.6	2.6	2.6
全年 Annual	55.1	55.1	55.7	54.6	54.7	55.3	55.1	71.6	30 XII	30.7	15.16 VII	7.9	8.0	8.1	8.0	8.0	8.0	8.0

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.	92.8	92.4	95.0	96.4	93.9	92.9	**93.9**	97.5	**90.8**	6.7	4.7	**1**	**82.6**	4	62.4	66.5	55.1	47.7	59.9	64.4	**59.4**
二月 Feb.	95.9	95.6	98.3	0.2	97.6	96.7	97.4	1.6	94.2	7.4	11.7	20	87.0	9	71.4	72.2	63.9	60.9	70.7	72.9	68.7
三月 Mar.	2.3	1.6	5.1	6.6	3.6	2.5	3.6	8.3	0.2	8.1	15.5	**16**	93.7	6	68.2	72.4	59.1	53.1	64.3	69.0	64.3
四月 April	7.6	6.9	11.6	13.2	9.9	8.6	9.6	14.8	5.7	9.1	23.2	16. 18	99.0	1	62.4	68.6	51.2	44.9	56.6	60.5	57.3
五月 May	13.5	13.9	18.6	19.9	16.9	14.3	16.2	21.7	11.7	**9.9**	23.2	**21**	5.6	2	69.6	68.1	53.2	48.6	55.7	65.9	60.2
六月 June	18.4	19.1	23.2	24.7	22.3	19.2	21.1	25.9	17.0	9.0	**32.0**	19	13.1	6	69.5	68.9	53.1	46.3	52.0	67.5	59.6
七月 July	22.0	22.5	25.0	26.2	24.6	22.6	23.8	27.3	21.2	**6.1**	31.3	13	18.3	1	95.5	94.9	84.1	79.6	84.9	94.7	**88.9**
八月 Aug.	22.8	23.0	26.6	27.1	25.2	23.4	**24.7**	**28.4**	21.9	6.5	**32.0**	10	18.0	27	87.5	89.4	71.4	69.7	77.5	86.3	80.3
九月 Sept.	18.0	17.9	22.0	23.0	19.8	18.5	19.9	23.9	16.5	7.3	28.0	2	10.5	22	71.4	72.8	58.0	53.1	64.7	71.8	65.3
十月 Oct.	11.5	11.3	15.6	16.6	12.8	11.7	13.2	18.0	9.8	8.2	25.5	6	2.9	31	76.9	77.8	55.8	52.5	70.8	73.6	67.9
十一月 Nov.	1.7	1.4	3.9	4.4	2.4	1.7	2.6	6.2	99.4	6.8	16.4	7	93.3	11	64.4	65.5	58.6	54.0	61.6	61.8	61.0
十二月 Dec.	98.7	98.1	0.2	1.4	99.1	98.9	99.4	3.2	95.9	7.3	10.3	7	87.6	30	58.1	57.5	50.6	47.0	55.4	56.9	**54.3**
全年 Annual	8.8	8.6	12.1	13.3	10.7	9.2	10.5	14.7	7.0	7.7	32.9	19 VI 10 VIII	82.6	4 I	71.4	72.9	59.5	54.8	64.5	70.4	65.6

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	%	蒸發量 (粍) EVAPORATION. (mm)
一月 Jan.	0.2	—	—	0.0	0.0	0.6	**0.8**	0.6	21	0.6	21	2.5	3.6	3.1	2.7	1.5	**2.7**	222.2	74	46.6
二月 Feb.	0.7	0.1	0.2	1.9	1.8	2.1	6.8	4.6	26	1.9	26	4.5	5.3	5.3	4.1	3.9	4.6	172.0	57	**46.1**
三月 Mar.	0.6	2.1	1.8	3.5	2.2	5.1	15.3	6.9	26	5.0	24	5.9	5.7	6.2	5.8	3.7	5.5	228.2	62	96.9
四月 April	24.8	3.8	1.2	1.3	3.7	0.5	35.3	23.4	20	23.0	20	6.7	6.8	7.8	7.5	5.6	6.4	198.1	50	171.9
五月 May	3.5	3.3	0.4	0.1	1.7	0.3	9.3	3.9	27	2.2	27	5.1	5.2	6.3	6.6	4.6	5.5	288.8	65	256.5
六月 June	0.0	10.7	0.5	1.7	1.6	0.0	14.5	9.1	24	8.8	24	6.7	5.7	6.5	6.2	3.1	5.7	**290.1**	65	**301.7**
七月 July	14.7	51.7	127.8	26.5	77.5	56.0	**354.2**	**157.6**	15	**68.6**	9	8.1	7.8	6.8	6.6	6.6	**7.2**	207.5	46	147.2
八月 Aug.	1.6	3.5	23.6	74.6	3.2	3.3	109.8	43.8	23	43.8	23	6.8	7.9	7.0	6.1	5.1	6.6	230.5	55	162.4
九月 Sept.	12.4	10.2	6.2	0.2	—	28.0	57.0	13.6	21	13.6	21	4.0	3.9	3.6	3.2	2.9	3.5	270.7	73	170.1
十月 Oct.	3.4	0.5	2.6	1.6	17.2	3.1	28.4	17.1	31	15.2	31	4.6	3.1	4.0	3.4	1.9	3.4	243.2	70	136.3
十一月 Nov.	1.6	10.4	6.1	2.4	5.8	0.4	26.7	14.0	15	9.0	15	3.9	6.1	5.8	5.1	4.5	5.1	**170.8**	57	79.1
十二月 Dec.	—	1.0	0.1	3.6	0.7	0.0	5.4	3.5	31	2.7	31	2.9	3.7	3.5	2.5	1.8	2.9	199.3	68	70.1
全年 Annual	63.5	57.3	170.5	117.4	115.4	99.4	663.5	157.6	15 VII	68.6	9 VII	5.1	5.1	5.5	5.0	3.8	5.0	2721.3	61	1684.9

※重力ノ更正　Reduction to standard gravity ……— 0.4
海面ヘノ更正　Reduction to mean sea level ……+ 8.9

大連
DAIREN.

昭和五年 1930

大連

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.	3.3	3.7	4.6	5.8	4.3	3.2	13.2	NNW	2	4.1	4	—	—	4	N 58° W	80
二月 Feb.	3.5	4.3	4.8	5.4	4.5	3.5	11.7	NNW	9	4.4	6	—	—	6	N	100
三月 Mar.	4.2	3.8	5.4	6.1	4.7	5.0	16.5	NNW	17	4.8	8	1	—	9	S 68° W	27
四月 April	5.9	5.1	5.8	6.6	5.4	5.3	16.0	N	11	5.5	15	2	—	17	N 84° W	92
五月 May	5.6	4.8	5.2	6.1	5.8	6.0	18.1	S	8	5.5	14	3	—	17	N 78° W	83
六月 June	5.9	4.8	5.1	5.6	4.7	5.0	17.3	S	9	5.3	10	3	—	13	N 84° W	89
七月 July	3.9	3.2	4.8	5.1	4.3	4.1	16.5	SE	15	4.2	5	1	—	6	S 65° W	85
八月 Aug.	3.1	3.0	4.0	4.2	3.7	3.2	14.9	S	4	3.5	3	—	—	3	S 73° W	89
九月 Sept.	4.0	4.0	5.5	5.9	4.8	4.2	12.0	SSW	24	4.7	7	—	—	7	S 88° W	82
十月 Oct.	3.7	3.8	4.8	6.1	4.7	4.2	16.9	N	10	4.5	8	2	—	10	W	100
十一月 Nov.	4.8	4.9	6.2	6.8	5.4	5.1	13.8	NW	2	5.5	11	—	—	11	N 81° W	95
十二月 Dec	4.5	4.6	5.1	6.9	4.9	5.1	13.7	N	21	5.2	5	—	—	5	W	97
全年 Annual	4.4	4.2	5.1	5.9	4.8	4.5	18.1	S	8 v	4.8	96	12	—	108	N 87° W	82

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.	4	2	3	2	—	—	1	1	10	16	12	—	7	24	31	69	4	N 52° W	59
二月 Feb.	7	1	5	10	—	10	7	14	16	8	1	1	1	10	35	41	1	N 32° W	25
三月 Mar.	8	9	11	4	8	9	17	23	8	9	1	1	4	12	23	38	1	N 2° E	15
四月 April	27	2	4	3	4	4	6	20	54	21	2	1	2	2	14	12	2	S 4° W	25
五月 May	2	3	3	1	—	4	2	38	69	12	7	3	5	4	21	10	2	S 10° W	50
六月 June	—	3	2	1	—	1	1	40	69	12	4	—	3	6	18	17	3	S 10° W	48
七月 July	—	2	3	8	7	11	19	53	38	8	2	2	3	4	12	5	9	S 22° E	54
八月 Aug.	3	2	3	5	2	3	7	26	49	14	6	7	6	9	27	12	5	S 25° W	34
九月 Sept.	20	1	4	5	7	7	3	9	43	12	5	5	3	9	19	25	3	S 71° W	12
十月 Oct.	29	2	1	2	1	3	3	14	20	15	7	1	2	1	32	44	9	N 44° W	30
十一月 Nov.	46	3	10	6	—	4	2	1	12	14	7	5	5	2	31	30	2	N 26° W	45
十二月 Dec.	46	1	7	3	3	1	2	—	8	16	21	12	6	5	22	29	4	N 46° W	42
全年 Annual	192	31	56	50	32	57	70	239	396	157	75	38	47	88	285	332	45	S 74° W	13

月 MONTH.	天氣日數 NUMBER OF DAYS WITH. 降水 Precipitation ≧0.1 mm	≧1.0 mm	雪 ✳	霧	霧氷	電雷	電聲	霧	快晴 Clear	曇天 Cloudy	不照 Sunless	暴風	雨	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.	2	—	5	—	—	—	—	—	15	2	—	4	15	11	31	30	22	—	—	—	—	—	—	—
二月 Feb.	5	1	5	2	—	—	—	4	10	8	5	6	16	8	24	20	11	—	—	—	—	—	—	—
三月 Mar.	7	3	3	2	—	1	—	6	6	11	4	9	7	—	13	4	—	—	—	—	—	—	—	—
四月 April	6	3	—	—	—	—	—	2	5	17	3	17	1	—	1	—	—	—	—	—	—	—	—	—
五月 May	5	4	—	—	—	—	—	3	7	9	1	17	—	—	—	—	—	—	—	5	—	—	—	2
六月 June	3	3	—	—	—	1	—	—	3	9	1	13	—	—	—	—	—	—	2	19	—	3	—	—
七月 July	12	10	—	—	—	2	—	14	4	18	5	6	—	—	—	—	—	—	5	26	—	3	—	2
八月 Aug	8	7	—	—	—	2	1	3	2	12	—	3	—	—	—	—	—	—	15	31	—	5	—	—
九月 Sept.	9	7	—	—	1	3	—	—	15	5	—	7	—	—	—	—	—	—	—	12	—	—	—	1
十月 Oct.	5	4	—	—	—	—	—	2	13	7	2	10	—	—	—	—	—	—	—	1	—	—	—	1
十一月 Nov	6	5	8	5	—	1	—	1	5	6	3	11	4	—	19	8	3	—	—	—	—	—	—	2
十二月 Dec.	3	2	5	2	—	—	—	—	12	1	2	5	5	2	26	18	9	—	—	—	—	—	—	5
全年 Annual	71	49	26	11	1	10	1	35	97	105	26	108	48	21	114	80	45	—	22	94	—	11	—	13

營口

昭和五年 **YINGKOW.** 1930

營口

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.	73.3	73.1	74.1	72.7	73.1	73.4	**73.3**	**81.9**	3	63.7	15	1.3	1.2	1.6	1.6	1.6	1.4	**1.5**
二月 Feb.	70.0	69.7	70.3	68.8	69.0	69.6	69.6	76.7	15	58.1	24	2.3	2.1	2.5	2.4	2.5	2.4	2.4
三月 Mar.	66.6	66.6	67.4	66.3	66.2	66.9	66.7	79.1	5	52.1	13	3.7	3.5	3.5	3.5	3.7	3.7	3.6
四月 April	61.6	61.6	62.3	61.1	60.7	61.6	61.5	71.5	1	50.7	17	5.3	4.8	5.2	5.1	5.2	5.5	5.2
五月 May	58.5	58.6	59.0	57.6	57.0	58.1	58.1	64.6	14	50.8	8	8.0	8.2	8.0	7.8	7.8	8.2	8.0
六月 June	55.4	55.5	55.7	54.9	54.5	55.5	55.2	63.7	10	48.2	2	11.8	12.0	12.3	12.2	12.4	12.4	12.2
七月 July	52.5	52.4	53.0	52.4	52.1	52.8	**52.6**	59.8	2	**37.9**	16	19.8	19.5	19.9	20.1	20.7	20.5	**20.1**
八月 Aug.	54.6	54.6	54.9	54.2	54.0	54.9	54.5	61.5	28	45.9	18	18.7	17.7	18.8	19.0	19.2	18.9	18.7
九月 Sept.	62.3	62.4	62.9	61.6	61.4	62.1	62.1	68.5	28	53.3	30	11.8	11.4	11.7	11.6	12.2	12.4	11.9
十月 Oct.	65.2	65.1	65.8	64.6	64.7	65.5	65.1	73.7	10. 11	53.6	1	7.1	6.5	7.4	7.5	8.1	7.6	7.4
十一月 Nov.	68.0	67.7	68.6	67.5	68.1	68.5	68.1	76.1	14	59.4	21	2.8	2.8	3.0	3.1	3.0	2.8	2.9
十二月 Dec.	71.0	70.8	71.5	70.0	70.3	70.7	70.7	80.5	30	59.7	17	2.3	2.1	2.2	2.2	2.2	2.2	2.2
全年 Annual	63.3	63.2	63.8	62.6	62.6	63.3	63.1	81.9	3 I	37.9	16 VII	7.9	7.7	8.0	8.0	8.2	8.2	**8.0**

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.	86.6	85.7	90.8	93.9	90.4	87.5	**89.1**	94.9	**83.0**	**11.9**	0.4	20	**75.8**	6	76.0	76.5	64.3	51.0	65.8	73.5	67.9
二月 Feb.	92.5	91.3	96.0	98.7	96.4	94.2	94.8	99.7	89.5	10.2	6.9	21	81.7	10	77.9	78.1	66.0	55.6	66.4	74.0	69.7
三月 Mar.	0.0	98.8	4.8	7.2	4.3	1.4	2.7	8.2	97.2	11.0	18.0	24	89.3	6	76.5	76.7	52.7	44.5	57.0	69.6	62.9
四月 April	6.9	6.2	12.0	14.3	11.4	8.7	9.9	15.6	4.5	11.1	25.7	18	97.0	7	69.8	67.1	49.5	42.1	53.2	64.6	57.7
五月 May	14.2	13.6	19.5	21.4	18.9	15.9	17.3	22.7	12.1	10.6	29.4	30	5.7	3	66.7	70.5	48.4	42.4	48.0	61.8	**56.3**
六月 June	18.5	18.4	23.5	25.6	23.3	19.9	21.5	27.1	16.4	10.7	32.2	15	10.0	7	74.1	77.2	57.7	50.6	57.9	71.9	64.9
七月 July	23.0	23.1	26.7	28.3	26.8	24.2	**25.4**	**29.7**	21.2	**8.5**	33.4	31	17.7	1	94.6	92.9	76.9	71.6	79.3	91.6	**84.5**
八月 Aug.	22.1	21.4	27.0	28.6	26.7	23.4	24.9	29.6	20.0	9.6	**33.5**	1	13.2	27	93.9	93.5	71.2	65.4	73.5	88.8	81.0
九月 Sept.	15.5	14.3	21.4	23.1	20.3	17.3	18.7	24.3	12.7	11.5	32.5	4	5.4	29	88.7	91.2	61.3	55.7	69.3	83.2	74.9
十月 Oct.	7.9	6.7	13.3	15.5	11.7	9.0	10.7	16.5	5.2	11.4	23.8	8	96.5	31	86.3	87.0	62.3	56.7	76.6	84.5	75.6
十一月 Nov.	96.4	95.9	0.1	1.4	98.5	97.2	98.2	2.5	93.5	9.1	15.3	7	85.4	29	75.6	76.8	60.5	55.8	66.8	72.4	68.0
十二月 Dec.	93.2	92.0	95.5	98.0	95.1	94.0	94.6	99.5	89.2	10.3	6.9	17	82.0	2), 30	76.1	76.4	61.8	51.7	64.5	70.0	66.7
全年 Annual	6.4	5.6	10.9	13.0	10.3	7.7	9.0	14.2	3.7	10.5	33.5	1 VIII	75.8	6 I	79.7	80.3	61.1	53.6	64.9	75.5	69.2

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.	—	—	—	—	1.3	0.7	2.0	2.0	21	1.3	21	1.9	3.1	2.6	1.9	2.3	**2.4**	218.3	73	**18.9**
二月 Feb.	1.2	0.8	0.1	0.2	0.3	0.7	3.3	1.5	27	1.2	27	3.7	4.6	4.8	4.5	3.3	4.2	**176.6**	59	27.1
三月 Mar.	2.8	12.4	2.7	0.2	15.4	8.5	43.0	18.5	24	13.1	24	4.0	6.2	6.2	4.8	2.8	4.8	250.1	68	66.3
四月 April	12.1	0.2	2.6	2.2	0.8	20.5	38.4	19.9	19	19.9	19	6.3	7.6	7.5	8.1	5.3	**7.0**	248.2	62	153.7
五月 May	0.1	4.9	2.7	1.8	0.4	6.4	16.3	4.1	28	4.1	28	5.1	5.0	4.9	7.5	4.1	5.3	**339.9**	76	**245.5**
六月 June	4.5	32.0	14.9	0.4	1.2	0.1	53.1	37.7	24	27.3	24	6.2	6.9	5.9	6.3	4.0	5.9	304.9	68	239.4
七月 July	45.6	50.1	24.8	30.4	14.7	46.3	**211.9**	**67.4**	15	38.6	15	7.0	7.4	5.7	5.8	5.0	6.2	274.4	60	161.6
八月 Aug.	74.0	35.5	23.3	7.1	15.9	17.2	173.0	57.7	13	**57.4**	13	5.7	6.2	6.2	5.5	4.0	5.5	299.0	70	176.7
九月 Sept.	26.1	11.9	22.4	17.0	31.2	9.4	118.0	31.2	16	25.1	27	4.1	3.6	4.5	2.6	2.7	3.5	274.0	74	141.4
十月 Oct.	6.3	4.0	0.8	5.4	13.3	2.9	32.7	17.2	31	12.4	31	2.1	3.4	3.0	2.9	2.3	2.7	248.7	72	92.0
十一月 Nov.	9.5	0.3	—	3.2	3.5	1.5	18.0	12.0	19	9.4	19	3.2	3.6	4.0	2.7	2.3	3.2	188.2	64	36.5
十二月 Dec.	—	—	—	0.0	—	—	**0.0**	0.0	5	0.0	5	2.7	2.8	3.7	2.1	2.2	2.7	192.9	67	24.3
全年 Annual	182.2	152.1	95.3	67.9	98.0	114.2	709.7	67.4	15 VII	57.4	13 VIII	4.3	5.0	4.9	4.6	3.4	4.4	3015.1	68	1386.4

※重力ノ更正 Reduction to standard gravity ..... — 0.3
海面ニノ更正 Reduction to mean sea level ..... + 0.3

營口
YINGKOW.

昭和五年 — 1930

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.	2.1	2.0	2.5	2.7	1.6	1.7	8.5	NNE	2	**2.0**	—	—	—	—	N 45° W	100
二月 Feb.	2.6	2.6	3.5	4.4	3.1	3.1	11.1	SSW	28	3.2	1	—	—	1	—	—
三月 Mar.	2.5	2.7	4.0	4.4	3.0	2.2	12.4	N	17	3.0	3	—	—	3	N 15° W	93
四月 April	3.3	3.5	6.1	6.3	4.4	3.0	**13.0**	SSW	17	4.5	7	—	—	**7**	S 79° W	93
五月 May	3.3	3.6	6.0	6.3	5.4	3.5	11.8	SW	7	**4.6**	5	—	—	5	N 81° W	95
六月 June	2.7	3.0	4.5	5.0	4.3	2.7	11.1	S	11	3.6	1	—	—	1	W	100
七月 July	1.7	2.1	3.4	3.6	2.8	1.7	9.5	S	16	2.6	—	—	—	—	W	100
八月 Aug.	1.4	1.7	3.2	3.3	2.5	1.3	9.9	SSE	5	2.3	—	—	—	—	S 49° W	89
九月 Sept.	2.0	1.7	3.4	3.8	2.7	2.2	8.2	N.NW	8.9	2.5	—	—	—	—	S 30° W	93
十月 Oct.	2.3	2.7	4.1	4.3	2.8	2.7	11.1	NNW	1	3.2	1	—	—	1	—	—
十一月 Nov.	2.6	2.8	3.9	4.5	2.7	2.5	10.8	W	2	3.2	2	—	—	2	—	—
十二月 Dec.	2.0	2.7	3.7	4.2	2.5	2.5	9.3	NNE	21	3.1	—	—	—	—	W	100
全年 Annual	2.4	2.6	4.0	4.4	3.1	2.4	13.0	SSW	17 IV	3.2	20	—	—	20	S 87° W	84

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.	24	22	23	3	15	10	37	19	9	11	3	2	—	—	4	1	3	S 87° E	40
二月 Feb.	21	42	15	4	10	8	8	21	19	6	3	—	1	1	3	1	5	N 69° E	34
三月 Mar.	27	30	28	4	3	1	18	11	10	8	11	—	10	2	16	4	3	N 25° E	26
四月 April	28	18	4	—	2	2	12	34	35	26	11	1	4	—	1	—	2	S 11° E	34
五月 May	12	9	1	—	1	—	16	17	61	28	19	4	11	—	5	2	—	S 11° W	56
六月 June	15	4	4	—	1	2	21	12	40	38	24	—	13	1	2	3	—	S 13° W	53
七月 July	9	19	10	4	7	1	16	15	47	21	16	—	6	—	2	1	12	S 14° E	36
八月 Aug.	18	17	8	2	5	2	37	15	33	9	13	—	5	2	6	1	13	S 32° E	29
九月 Sept.	25	21	4	10	4	5	25	16	22	10	7	2	8	7	5	6	3	S 68° E	13
十月 Oct.	41	38	3	1	2	2	5	19	25	9	16	1	6	4	5	6	3	N 3° E	12
十一月 Nov.	34	25	16	9	12	14	9	10	6	4	2	—	19	3	11	5	1	N 29° E	34
十二月 Dec.	14	38	31	2	9	4	14	21	19	9	9	1	7	1	5	—	2	N 77° E	26
全年 Annual	268	283	147	39	71	51	218	210	**326**	179	134	**11**	95	21	65	30	47	S 49° E	16

月 MONTH.	天氣日數 NUMBER OF DAYS WITH. 降水 Precipitation ≧0.1 mm	≧1.0 mm	雪	霰	雹	雷雨	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	1	2	—	—	—	—	3	17	2	—	—	26	31	31	31	30	—	—	—	—	—	—	—
二月 Feb.	5	1	8	1	—	—	—	2	11	7	2	1	19	15	28	22	13	—	—	—	—	—	—	—
三月 Mar.	8	5	3	—	—	3	1	2	8	8	1	3	11	1	26	4	1	—	—	—	—	—	—	—
四月 April	6	5	1	—	—	—	—	—	2	16	2	7	5	—	6	—	—	—	—	1	—	—	—	—
五月 May	7	5	—	—	—	2	—	—	4	10	—	5	—	—	—	—	—	—	—	8	—	—	—	—
六月 June	8	5	—	—	—	1	—	—	6	13	—	1	—	—	—	—	—	—	—	25	—	5	—	—
七月 July	12	10	—	—	1	1	—	—	5	13	5	—	—	—	—	—	—	—	20	29	—	18	—	—
八月 Aug.	14	7	—	—	—	5	—	—	7	8	1	—	—	—	—	—	—	—	13	30	—	13	—	—
九月 Sept.	7	7	—	—	1	5	—	—	16	6	2	—	—	—	—	—	—	—	1	9	—	4	—	—
十月 Oct.	4	4	2	—	—	—	—	1	18	5	2	1	3	—	2	1	—	—	—	—	—	—	—	—
十一月 Nov.	5	3	6	—	—	—	—	2	15	6	4	2	21	4	27	22	12	—	—	—	—	—	—	—
十二月 Dec.	—	—	1	—	—	—	—	2	13	1	—	—	22	21	30	23	17	—	—	—	—	—	—	—
全年 Annual	77	53	23	1	2	17	1	12	122	95	19	20	107	72	159	106	73	—	34	102	—	40	—	—

奉天
MUKDEN.

昭和五年 1930

奉天

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.	68.8	68.5	69.3	68.0	68.4	68.7	**68.6**	**76.7**	3	58.5	15	1.1	1.0	1.5	1.7	1.5	1.3	1.4
二月 Feb.	65.4	65.3	65.7	64.3	64.7	65.1	65.1	72.4	15	53.1	24	2.2	2.0	2.3	2.5	2.5	2.4	2.3
三月 Mar.	62.2	62.4	63.1	61.9	61.9	62.5	62.3	74.8	6	47.4	13	3.5	3.4	3.3	3.3	3.5	3.6	3.4
四月 April	57.2	57.3	57.7	56.2	56.0	57.0	56.9	66.9	1	44.8	17	4.8	4.9	5.2	5.2	5.1	5.2	5.1
五月 May	53.8	54.0	54.0	52.4	52.1	53.5	53.3	60.8	14	45.6	20	7.7	7.8	7.9	7.3	7.4	7.9	7.6
六月 June	50.9	51.1	51.0	49.9	49.8	50.9	50.6	57.7	10	42.9	2	12.0	12.5	13.4	12.6	12.5	12.5	12.6
七月 July	48.7	48.7	48.9	48.2	48.0	48.9	**48.5**	55.4	2	**34.8**	16	18.3	18.3	19.6	19.1	19.6	19.3	**19.0**
八月 Aug.	50.5	50.6	50.8	50.0	49.9	50.8	50.4	57.3	28,29	42.2	18	16.9	16.6	17.9	17.5	18.1	17.6	17.4
九月 Sept.	57.9	58.3	58.5	57.1	57.0	57.8	57.8	64.4	23	48.5	30	10.6	10.4	11.5	10.6	11.7	11.1	11.0
十月 Oct.	60.9	61.0	61.4	60.1	60.5	61.1	60.8	69.3	10	47.9	1	6.3	5.7	6.9	6.7	7.1	6.6	6.5
十一月 Nov.	63.4	63.1	63.8	63.0	63.6	63.9	63.5	71.5	14	54.4	21	2.7	2.5	2.7	2.8	2.8	2.7	2.7
十二月 Dec.	66.6	66.4	67.1	65.5	65.8	66.2	66.3	75.8	30	55.3	10	1.9	1.8	2.0	2.0	2.0	2.0	1.9
全年 Annual	58.8	58.9	59.3	58.1	58.1	58.9	58.7	76.7	3 I	34.8	16 VII	7.3	7.2	7.8	7.6	7.8	7.7	7.6

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) RELATVE HUMIDITY. (%) 2h	6h	10h	14h	18h	22h	平均 Mean
一月 Jan.	82.9	81.8	87.7	92.4	88.0	84.8	**86.3**	93.1	**80.5**	12.6	98.4	20	**73.2**	7	87.1	86.4	77.2	61.8	77.1	85.6	79.2
二月 Feb.	90.7	89.4	94.5	98.3	95.7	95.0	93.6	99.0	88.7	10.4	7.9	20	79.8	10	84.5	85.9	71.7	57.7	69.5	79.7	74.8
三月 Mar.	99.1	97.8	4.0	7.3	4.3	0.8	2.2	8.2	97.1	11.0	18.1	24	88.5	6	77.4	81.4	52.7	42.6	53.1	70.1	62.9
四月 April	5.6	5.6	12.8	15.8	13.2	8.4	10.2	17.2	4.0	13.2	28.5	18	90.4	7	70.4	71.3	47.4	40.0	45.2	62.2	56.1
五月 May	13.0	13.5	20.4	23.7	21.1	15.5	17.9	24.7	11.3	13.4	30.7	28	3.8	3	68.9	67.5	45.5	34.1	40.8	60.7	**52.9**
六月 June	17.5	18.3	24.8	28.1	26.1	20.3	22.5	29.5	15.9	**13.6**	**34.8**	19	10.0	7	81.0	79.8	58.5	45.9	51.4	71.3	64.7
七月 July	21.9	22.5	27.2	28.4	27.4	23.4	**25.1**	**30.2**	20.8	**9.5**	34.3	31	18.2	2	93.2	90.1	73.8	67.9	73.8	90.3	**81.5**
八月 Aug.	20.6	20.7	26.5	28.3	26.4	22.0	24.1	29.7	19.2	10.6	34.2	1	13.0	27	93.3	91.3	69.5	62.1	70.5	89.1	79.3
九月 Sept.	13.6	12.7	20.9	23.2	19.7	15.3	17.6	24.3	11.5	12.8	33.7	5	4.1	22,29	89.2	92.3	61.4	51.0	68.2	84.1	74.4
十月 Oct.	5.8	4.3	12.5	15.6	11.0	7.1	9.4	16.4	3.6	12.7	25.4	7	97.2	31	88.2	89.1	62.1	50.1	69.5	84.0	73.8
十一月 Nov.	93.9	92.3	97.2	99.6	96.1	94.1	95.5	0.5	90.4	10.1	14.6	7	77.8	30	85.0	87.5	66.0	57.5	74.5	83.2	75.6
十二月 Dec.	89.7	88.1	92.6	95.7	92.4	90.6	91.5	96.8	86.4	10.3	3.2	17	76.8	3	84.0	87.2	71.0	56.3	72.8	81.4	75.5
全年 Annual	4.5	3.9	10.1	13.0	10.1	6.3	8.0	14.1	2.5	11.7	34.8	19 VI	73.2	7 I	83.5	84.2	63.1	52.3	63.9	78.5	70.9

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.	0.5	—	—	0.0	0.0	0.0	0.5	0.5	14	0.5	14	1.3	1.8	2.2	1.0	1.5	**1.5**	216.5	74	**22.8**
二月 Feb.	0.3	1.3	0.1	0.0	—	0.0	1.7	1.2	27	0.9	27	3.8	4.6	5.1	3.3	2.4	3.8	178.5	60	31.7
三月 Mar.	3.0	4.5	0.8	0.9	6.2	12.7	28.1	16.7	24	11.8	24	4.9	5.4	5.8	5.6	3.3	5.0	241.9	66	81.5
四月 April	3.0	0.8	13.7	7.6	0.1	11.4	36.6	12.5	23	11.4	19	7.4	7.4	6.4	8.4	6.0	**7.1**	236.4	59	215.7
五月 May	0.0	0.1	3.5	3.5	2.4	12.1	21.6	8.0	8	6.6	8	5.8	5.2	6.2	7.8	6.1	6.2	279.9	62	**342.8**
六月 June	2.6	24.7	29.1	1.3	7.3	12.5	77.5	37.5	24	24.1	24	6.9	5.2	7.3	7.5	4.3	6.3	**280.5**	62	292.6
七月 July	21.3	34.4	47.8	76.2	46.1	50.8	**276.6**	**58.9**	16	20.6	16	6.0	7.6	6.8	6.8	5.1	6.5	229.5	50	185.8
八月 Aug.	15.0	19.0	15.7	18.8	14.9	13.1	96.5	22.5	26	11.5	13	5.8	7.0	7.6	6.2	4.3	6.2	266.6	62	169.5
九月 Sept.	3.6	27.0	26.8	4.0	13.4	14.1	88.9	44.5	8	**26.7**	8	4.2	4.2	5.6	4.0	2.8	4.2	264.6	71	137.9
十月 Oct.	6.4	3.3	0.2	5.7	10.0	7.1	32.7	18.2	31	8.8	31	3.2	3.1	3.4	2.9	2.1	2.9	258.4	76	105.0
十一月 Nov.	7.1	10.0	1.4	0.5	2.5	2.3	23.8	16.9	19	9.2	19	4.5	3.6	5.0	3.1	2.8	3.8	181.9	62	47.3
十二月 Dec.	0.0	—	—	—	—	0.0	**0.0**	0.0	5.6	0.0	5.6	2.9	3.5	4.4	3.0	3.1	3.4	**175.1**	62	34.2
全年 Annual	62.8	125.1	139.1	118.5	102.9	136.1	684.5	58.9	16 VII	26.7	8 IX	4.7	4.9	5.5	5.0	3.7	2.7	2809.8	63	1666.8

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

奉天

昭和五年 **MUKDEN.** 1930

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 15-19 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.	2.9	2.5	2.8	3.9	2.4	2.5	11.7	SSW	13	2.8	1	—	—	1	S 86° W	99
二月 Feb.	3.1	3.0	4.0	5.2	3.7	3.4	16.3	SW	28	3.7	1	1	—	2	N 79° W	94
三月 Mar.	3.5	3.3	4.4	4.9	3.6	3.0	11.4	N	17	3.7	4	—	—	4	W	96
四月 April	4.4	4.4	7.9	8.5	5.7	4.4	20.8	SW	17	5.9	11	5	—	16	N 87° W	95
五月 May	4.5	4.5	7.7	9.6	7.4	5.1	22.3	SW	7	6.4	11	8	—	19	S 86° W	99
六月 June	4.0	4.0	5.8	6.2	5.7	3.9	12.6	SW	25	4.9	13	—	—	13	S 87° W	91
七月 July	2.6	2.2	4.6	4.5	3.1	2.7	12.3	WNW	14	3.4	7	—	—	7	S 84° W	99
八月 Aug.	2.1	2.4	3.5	4.0	2.6	2.1	11.9	SW	5	2.7	2	—	—	2	W	100
九月 Sept.	3.0	2.8	4.4	4.8	2.6	3.0	15.8	SW	16	3.3	3	1	—	4	N 86° W	93
十月 Oct.	3.4	3.3	4.3	4.8	3.1	3.0	16.3	SW	12	3.7	2	1	—	3	NW	100
十一月 Nov.	3.3	3.0	4.2	4.8	2.9	3.0	14.6	SW	6	3.5	5	—	—	5	W	100
十二月 Dec.	3.3	2.8	3.1	4.2	3.6	3.1	9.6	SW	25	3.1	—	—	—	—	NW	100
全年 Annual	3.3	3.2	4.7	5.5	3.8	3.3	22.3	SW	7 V	3.9	60	16	—	76	N 87° W	95

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.	7	13	11	7	9	24	11	14	18	18	11	7	15	6	7	3	5	S 24° E	21
二月 Feb.	15	57	14	3	11	16	9	6	12	17	10	6	7	5	4	2	4	N 84° E	14
三月 Mar.	24	23	15	8	13	13	9	4	9	13	16	5	12	7	6	8	1	N 29° E	15
四月 April	15	20	8	2	5	7	4	9	18	24	33	10	12	2	1	4	6	S 35° W	24
五月 May	8	7	4	2	2	2	9	4	20	28	39	20	5	9	13	14	—	S 54° W	44
六月 June	6	5	6	1	1	3	4	11	17	25	38	23	19	6	8	7	—	S 50° W	52
七月 July	5	3	12	8	15	13	5	8	23	21	38	14	11	—	2	2	6	S 9° W	37
八月 Aug.	6	10	5	5	2	8	9	20	25	23	25	10	16	2	4	8	8	S 21° W	37
九月 Sept.	12	14	6	7	7	10	15	10	17	18	18	9	9	10	3	12	3	S 14° W	14
十月 Oct.	17	34	21	1	3	3	8	9	6	17	34	4	10	3	4	11	1	N 34° W	10
十一月 Nov.	4	2	7	5	13	2	6	4	10	6	19	3	14	13	28	34	10	N 57° W	31
十二月 Dec.	17	23	8	10	4	4	9	10	7	10	11	7	15	8	16	24	3	N 26° W	24
全年 Annual	136	181	117	59	85	105	98	109	182	220	292	118	145	71	96	129	47	S 45° W	15

月 MONTH.	天氣日數 NUMBER OFDAYS WITH. 降水 Precipitation ≧0.1 mm	≧1.0 mm	雪 ✳	霧 △	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. <30°	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	—	5	—	—	—	—	2	22	1	2	1	29	31	31	31	31	—	—	—	—	—	—	—
二月 Feb.	2	1	7	2	—	—	—	3	10	6	1	2	20	17	28	23	16	—	—	—	—	—	—	—
三月 Mar.	10	4	5	1	—	—	—	1	9	8	2	4	18	2	21	9	1	—	—	—	—	—	—	—
四月 April	6	4	1	1	—	1	—	—	—	15	2	16	7	—	7	—	—	—	—	3	—	—	—	—
五月 May	6	4	—	—	—	3	—	—	2	9	1	19	1	—	—	—	—	—	—	18	—	3	—	—
六月 June	13	8	—	—	—	2	1	1	2	11	—	13	—	—	—	—	—	—	8	25	—	16	—	—
七月 July	17	15	—	—	—	5	2	1	5	14	4	7	—	—	—	—	—	—	19	30	—	19	—	—
八月 Aug.	14	11	—	—	—	5	2	3	3	12	1	2	—	—	—	—	—	—	11	30	—	14	—	—
九月 Sept.	6	5	—	—	1	1	—	—	10	6	2	4	—	—	—	—	—	—	3	13	—	5	—	—
十月 Oct.	5	3	2	—	—	—	—	—	16	3	2	3	9	—	5	1	—	—	—	2	—	—	—	—
十一月 Nov.	8	3	7	1	—	—	—	3	9	4	4	5	21	16	27	25	17	—	—	—	—	—	—	—
十二月 Dec.	—	—	1	—	—	—	—	1	14	6	4	—	24	22	31	30	23	—	—	—	—	—	—	—
全年 Annual	88	58	28	5	1	17	5	15	102	95	25	76	129	88	150	119	88	—	41	121	—	57	—	—

奉天

長　春

昭和五年　**CHANGCHUN.**　1930

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.	50.1	49.9	50.4	49.4	49.8	49.9	49.9	57.7	2	39.9	15	0.9	0.8	1.1	1.3	1.1	1.1	1.0
二月 Feb.	48.3	48.3	48.5	47.4	47.8	48.3	48.1	57.2	15	35.2	24	1.3	1.2	1.8	1.8	1.6	1.5	1.5
三月 Mar.	45.8	45.9	46.5	45.2	45.4	45.9	45.8	59.2	6	32.3	14	2.2	2.2	2.6	2.3	2.1	2.1	2.2
四月 April	40.6	40.8	41.1	39.7	39.5	40.3	40.3	50.7	1	27.1	17	3.2	3.6	4.2	4.1	3.6	3.5	3.7
五月 May	37.0	37.3	37.2	35.9	35.5	36.8	36.6	45.4	15	28.7	20	6.3	7.0	7.6	7.1	6.2	6.4	6.8
六月 June	35.0	35.1	35.1	34.4	34.3	35.1	34.8	42.7	10	25.3	2	10.7	11.7	11.7	11.5	10.9	11.3	11.3
七月 July	34.1	34.1	34.0	33.2	33.2	34.1	33.8	38.4	8	23.2	16	16.8	17.9	17.8	18.2	17.8	17.4	17.7
八月 Aug.	35.2	35.4	35.5	34.8	34.8	35.4	35.2	42.3	29	28.1	18	15.5	16.1	17.6	17.8	18.3	16.9	17.0
九月 Sept.	42.0	42.3	42.4	41.3	41.3	41.9	41.8	48.6	28	30.2	24	9.3	9.1	9.8	9.4	10.5	9.9	9.7
十月 Oct.	44.8	44.7	45.0	44.0	44.2	44.7	44.5	53.0	13	33.9	1	4.9	4.9	5.9	5.6	5.7	5.2	5.4
十一月 Nov.	44.7	44.4	44.9	44.4	45.1	45.4	44.8	53.4	14	34.1	21	2.2	2.0	2.4	2.3	2.3	2.3	2.3
十二月 Dec.	47.7	48.0	48.7	47.6	47.6	47.8	47.9	57.3	31	36.3	10	1.2	1.1	1.4	1.6	1.4	1.3	1.3
全年 Annual	42.1	42.2	42.4	41.4	41.5	42.1	42.0	59.2	6 III	23.2	16 VII	6.2	6.5	7.0	6.9	6.8	6.6	6.7

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.	81.0	79.6	85.4	89.3	85.3	83.1	83.9	90.0	78.6	11.4	97.8	26	70.1	3	79.6	81.5	70.9	58.6	71.4	78.7	73.4
二月 Feb.	86.0	85.0	91.5	95.3	92.0	88.8	89.8	96.0	82.9	13.1	7.3	22	75.7	16	73.0	76.5	68.3	50.8	58.6	67.7	65.8
三月 Mar.	96.3	94.5	2.4	5.8	2.2	98.4	99.9	6.6	93.2	13.4	16.3	24	83.0	5.6	56.2	66.1	45.1	30.6	34.5	46.8	46.6
四月 April	4.1	4.1	11.3	14.5	11.6	6.6	8.7	15.5	1.4	14.1	26.6	18, 19	91.8	1	52.8	58.5	42.3	33.1	35.7	47.4	45.0
五月 May	10.9	12.0	18.1	21.1	18.4	13.4	15.6	22.2	8.8	13.4	30.3	30	1.0	4	63.1	65.5	59.4	38.5	40.2	55.2	52.2
六月 June	16.1	17.4	23.1	25.5	22.8	18.2	20.5	27.0	14.2	12.8	33.5	22	9.2	6	79.9	78.7	53.1	47.9	51.9	72.8	65.1
七月 July	20.7	22.0	27.1	28.6	26.8	22.6	24.6	30.1	19.7	10.4	33.4	26	16.2	30, 31	91.7	90.7	67.0	63.7	69.2	85.3	77.9
八月 Aug.	19.0	19.1	24.7	26.5	23.5	20.5	22.2	27.8	17.7	10.1	33.7	1	12.6	27	95.2	95.7	73.8	66.5	81.7	91.7	84.1
九月 Sept.	11.4	10.7	19.7	21.6	16.7	13.3	15.6	22.9	9.2	13.7	33.1	3	2.2	28, 29	89.4	89.5	55.5	49.0	71.4	83.5	73.1
十月 Oct.	3.8	2.8	11.5	14.2	8.8	5.5	7.8	15.2	1.5	13.7	24.7	7, 8	92.3	31	77.7	82.3	56.1	45.5	63.6	72.8	66.3
十一月 Nov.	91.4	90.3	94.6	96.3	93.7	92.6	93.1	97.7	89.0	8.7	12.7	7	81.5	28	80.4	82.0	70.4	61.1	71.7	77.1	73.8
十二月 Dec.	84.7	83.3	87.9	90.4	87.7	85.8	86.6	92.0	81.3	10.7	2.5	10	72.9	29	76.7	79.5	73.8	65.1	71.4	76.9	73.9
全年 Annual	2.1	1.7	8.1	10.8	7.5	4.1	5.7	11.9	99.8	12.1	33.7	1 VIII	70.1	3 I	76.3	78.9	63.8	50.9	60.4	71.3	66.4

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.	0.0	0.0	0.0	0.1	0.5	0.4	1.0	0.6	1	0.3	1	1.3	2.6	1.7	1.6	1.0	1.6	188.2	65	19.1
二月 Feb.	0.5	1.3	0.3	0.8	0.2	—	3.1	2.1	5	1.3	5	2.1	4.5	4.5	2.5	1.1	2.9	175.7	60	33.1
三月 Mar.	2.7	6.6	0.2	0.0	—	6.5	16.0	6.1	26	6.1	26	4.2	3.5	4.1	4.5	3.5	4.0	219.2	68	85.5
四月 April	7.2	3.2	4.0	0.1	0.9	0.4	15.8	14.8	6	7.2	6	6.4	7.0	7.6	7.1	4.9	6.6	219.7	55	171.4
五月 May	15.7	5.7	9.9	15.2	8.3	34.8	89.6	24.9	8	18.4	8	6.3	6.9	7.9	7.5	5.0	6.7	238.2	52	221.3
六月 June	3.4	5.2	8.8	6.6	31.8	18.0	73.8	13.2	30	12.2	30	6.5	6.6	7.1	7.3	5.6	6.6	280.3	61	196.0
七月 July	9.1	25.9	43.5	69.2	18.4	5.8	171.9	96.2	16	33.5	16	6.7	6.8	6.9	6.9	6.1	6.7	260.8	56	192.9
八月 Aug.	23.5	120.9	30.5	49.4	51.0	13.3	288.6	95.8	8	92.6	8	8.2	7.0	7.7	7.0	5.7	7.1	298.0	48	145.8
九月 Sept.	—	0.0	3.6	9.9	6.7	2.4	22.6	12.5	21	7.1	21	3.0	5.9	6.4	6.2	3.6	5.0	243.6	65	127.1
十月 Oct.	1.6	2.7	8.4	2.1	3.1	7.8	25.7	14.1	1	5.0	2	2.7	3.6	3.3	2.3	1.9	2.8	226.8	67	89.3
十一月 Nov.	2.7	9.4	1.6	1.5	3.6	2.6	21.4	10.1	19	6.5	19	3.6	5.5	5.3	4.3	4.4	4.6	178.7	62	30.4
十二月 Dec.	0.1	1.2	0.3	0.0	0.7	0.8	3.1	1.5	1	0.8	17	3.2	5.0	4.2	3.7	2.8	3.8	170.6	62	15.0
全年 Annual	66.5	182.1	111.1	154.9	125.2	92.8	732.6	96.2	16 VII	92.6	8 VIII	4.5	5.4	5.6	5.1	3.8	4.9	2639.6	59	1326.9

※重力ノ更正　Reduction to standard gravity……－ 0.1
海面ヘノ更正　Reduction to mean sea level……＋ 19.8

長春

昭和五年 **CHANGCHUN.** 1930

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.	暴日風數 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.	5.0	4.5	6.4	7.5	4.6	5.4	14.6	SW	13	5.3	16	—	—	16	W	100
二月 Feb.	3.4	3.3	5.5	6.1	4.6	4.2	18.4	W	25	4.5	9	2	—	11	S 41° W	53
三月 Mar.	2.8	3.3	6.2	6.3	3.8	2.7	16.9	N	17, 28	4.1	6	4	—	10	NW	100
四月 April	2.5	2.7	5.9	6.0	4.3	2.7	21.0	SSW	2	4.1	6	4	—	10	N 52° W	98
五月 May	4.5	5.4	7.9	7.9	6.5	5.2	17.5	W	2	6.3	11	6	—	17	SW	100
六月 June	2.2	2.6	3.8	4.3	2.7	1.9	15.2	SW	1	2.8	2	1	—	3	—	—
七月 July	1.3	1.8	2.7	2.7	1.7	1.2	7.6	SW, ENE	3, 16	1.9	—	—	—	—	—	—
八月 Aug.	0.7	0.8	1.5	2.2	0.9	0.4	7.6	SSE	14	1.0	—	—	—	—	—	—
九月 Sept.	1.7	1.6	2.8	2.7	1.1	1.3	9.3	W, WSW	24	1.8	—	—	—	—	SW	100
十月 Oct.	1.7	1.6	3.1	3.5	1.5	1.4	8.8	SW	12	1.9	—	—	—	—	—	—
十一月 Nov.	1.6	2.1	2.5	2.9	1.7	1.6	8.2	SW, SSW	2, 3	1.8	—	—	—	—	—	—
十二月 Dec.	2.6	2.4	3.3	3.1	2.2	2.8	9.3	WSW	10, 11	2.7	—	—	—	—	—	—
全年 Annual	2.5	2.7	4.3	4.6	3.0	2.6	21.0	SSW	12 IV	3.2	50	17	—	67	S 86° W	31

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.	8	2	2	3	4	2	1	2	13	11	50	53	19	1	1	3	5	S 57° W	67
二月 Feb.	9	6	14	5	5	9	7	11	25	8	15	11	16	9	4	5	9	S 25° W	19
三月 Mar.	21	7	3	13	13	5	4	9	15	5	13	9	23	4	14	10	18	N 63° W	12
四月 April	12	9	8	6	1	2	2	1	17	25	18	19	7	12	6	7	28	S 67° W	28
五月 May	5	8	5	7	4	1	2	9	20	25	30	15	41	6	2	2	4	S 52° W	48
六月 June	2	8	7	3	5	4	5	17	12	26	21	17	17	3	7	5	21	S 36° W	36
七月 July	2	3	9	17	9	8	7	4	25	29	30	13	3	—	—	—	27	S 1° W	39
八月 Aug.	—	1	6	4	4	1	1	5	28	24	22	9	2	2	1	—	76	S 18° W	38
九月 Sept.	7	2	4	7	3	2	4	16	13	26	22	25	11	4	2	1	31	S 34° W	41
十月 Oct.	15	15	5	1	1	1	—	2	10	19	46	13	6	4	7	12	29	S 74° W	33
十一月 Nov.	1	—	3	1	—	—	1	1	8	18	21	22	38	5	3	2	56	S 64° W	51
十二月 Dec.	9	3	6	2	2	—	3	—	15	12	35	14	63	5	5	5	1	S 73° W	58
全年 Annual	91	64	72	69	51	35	37	77	201	228	323	226	246	55	52	52	311	S 57° W	36

月 MONTH.	天氣日數 NUMBER OF DAYS WITH. 降水 Precipitation ≧0.1 mm	≧1.0 mm	雪 ✳	霧凇 △	霧 ▲	電雷 ⌈	電彈 T°	霧 ≡	快晴 Clear	曇天 Cloudy	不照 Sunless	暴風	霜	氣溫 Air Temperature 最低 Min. <30°	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. fo obs.
一月 Jan.	3	—	5	—	—	—	—	1	22	3	1	16	30	31	31	31	31	—	—	—	—	—	—	—
二月 Feb.	2	2	4	—	—	—	—	—	11	2	2	11	19	23	28	28	20	—	—	—	—	—	—	—
三月 Mar.	7	4	4	—	—	—	—	—	12	8	4	10	1	8	29	15	3	—	—	—	—	—	—	—
四月 April	3	1	2	—	—	—	—	—	1	14	5	10	5	—	10	1	—	—	—	2	—	—	—	—
五月 May	11	8	2	—	2	2	1	—	4	15	5	17	—	—	—	—	—	—	—	11	—	2	—	—
六月 June	16	12	—	—	2	5	5	—	2	13	2	3	—	—	—	—	—	—	2	21	—	9	—	—
七月 July	14	11	—	—	—	2	3	—	3	15	3	—	—	—	—	—	—	—	13	29	—	18	—	—
八月 Aug.	17	11	—	—	—	1	2	3	5	19	9	—	—	—	—	—	—	—	5	26	—	8	—	—
九月 Sept.	7	5	—	—	—	—	2	—	8	9	3	—	3	—	—	—	—	—	—	10	—	5	—	—
十月 Oct.	3	3	1	1	—	—	—	—	17	5	3	—	13	—	12	2	—	—	—	—	—	—	—	—
十一月 Nov.	8	4	11	—	—	—	—	—	10	8	6	—	14	18	28	26	22	—	—	—	—	—	—	—
十二月 Dec.	4	1	6	—	—	—	—	1	13	8	6	—	27	30	31	31	29	—	—	—	—	—	—	—
全年 Annual	95	62	35	1	4	10	13	5	108	119	49	67	112	110	169	134	105	—	20	99	—	42	—	—

旅順

昭和五年 **RYOJUN.** 1930

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.	65.5	65.3	65.9	**65.6**	**72.1**	3	57.1	15	2.1	2.1	2.0	**2.1**
二月 Feb.	62.1	61.7	62.2	62.0	68.4	10	51.2	23	2.9	3.3	3.1	3.1
三月 Mar.	59.3	59.5	59.8	59.5	71.2	7	44.9	14	4.1	4.3	4.1	4.1
四月 April	55.0	55.5	55.3	55.2	65.0	1	46.4	17	5.4	5.5	5.4	5.5
五月 May	52.9	52.8	52.6	52.8	59.2	24	44.4	8	8.1	8.3	8.4	8.3
六月 June	49.5	49.7	49.8	49.6	55.9	10	43.4	1	11.3	11.3	11.3	11.3
七月 July	46.2	46.6	46.5	**46.4**	53.7	2	**32.4**	15	18.9	19.8	19.3	**19.3**
八月 Aug.	48.2	48.2	48.6	48.3	55.7	28	41.0	12	18.6	19.2	18.8	18.9
九月 Sept.	55.7	55.6	55.8	55.7	61.7	12	49.1	30	11.5	12.2	12.0	11.9
十月 Oct.	58.0	58.1	58.6	58.2	66.4	11	48.2	1	8.2	8.2	8.3	8.2
十一月 Nov.	60.6	60.7	61.5	60.9	67.6	14	53.1	8	3.5	3.6	3.5	3.6
十二月 Dec.	63.5	63.1	63.7	63.4	72.0	30	54.1	17	2.7	2.6	2.5	2.7
全年 Annual	56.4	56.4	56.7	56.5	72.1	3 I	32.4	15 VII	8.1	8.4	8.3	8.2

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) RELATVE HUMIDITY. (%) 5h	13h	21h	平均 Mean
一月 Jan.	93.6	97.5	93.7	**95.0**	98.8	**91.0**	7.8	4.5	1	**83.0**	4	68.6	54.7	66.2	63.2
二月 Feb.	96.5	0.7	97.2	98.1	2.2	94.2	8.0	10.3	20	87.6	9	74.3	64.9	77.1	72.1
三月 Mar.	1.9	6.3	2.6	3.6	8.2	99.6	8.6	**13.3**	21	92.9	6	74.2	59.6	71.4	68.4
四月 April	6.8	11.9	8.1	8.9	13.7	4.7	9.0	24.0	17	99.0	1. 7	73.2	53.9	67.8	65.0
五月 May	12.7	19.0	14.0	15.2	20.9	10.7	**10.2**	26.9	7	4.8	2	74.3	52.1	71.4	66.0
六月 June	17.7	23.7	18.6	20.0	25.4	15.7	9.7	**31.5**	28	12.0	6. 7	75.4	52.2	70.7	66.1
七月 July	21.9	26.2	22.7	23.6	27.7	20.6	**7.1**	31.0	12. 31	17.2	1	96.7	78.4	94.0	**89.7**
八月 Aug.	22.6	27.7	23.6	**24.7**	**29.1**	21.2	7.9	31.3	10	18.0	27	90.6	69.5	86.5	82.2
九月 Sept.	18.2	23.9	18.9	20.3	25.0	16.3	8.7	30.0	1	11.9	22	71.6	54.1	72.0	65.9
十月 Oct.	12.3	17.4	12.5	14.0	18.7	10.0	8.6	24.3	6	2.8	31	74.2	54.0	75.0	67.8
十一月 Nov.	2.2	6.0	2.5	3.6	7.8	99.2	8.7	17.3	7	94.0	11	62.6	49.2	58.6	53.8
十二月 Dec.	98.9	2.5	99.4	0.3	4.2	95.8	8.4	10.5	10	87.1	30	59.2	45.5	59.1	**54.6**
全年 Annual	8.8	13.6	9.5	10.6	15.1	6.6	8.6	31.5	28 VI	83.0	4 I	74.6	57.3	72.5	68.2

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	四時間 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.	0.2	0.9	2.1	3.2	2.0	21	2.0	21	2.5	3.8	2.2	**2.8**	219.9	73	**43.0**
二月 Feb.	1.5	4.4	3.9	9.8	7.1	26	4.4	26	4.3	5.0	3.8	4.3	**169.7**	56	44.2
三月 Mar.	2.0	9.1	9.5	20.6	12.3	26	8.0	26	4.6	5.8	3.7	4.7	238.6	65	96.5
四月 April	23.0	2.3	3.7	29.0	17.5	20	17.5	20	6.4	6.5	5.0	6.0	210.0	53	146.7
五月 May	4.0	1.1	3.4	8.5	2.8	4	2.8	4	5.1	5.8	4.6	5.2	309.7	70	**209.2**
六月 June	22.7	7.2	0.1	30.0	14.1	4	14.1	4	6.3	6.2	3.8	5.4	**319.3**	72	205.0
七月 July	82.6	126.9	133.3	**342.8**	**147.5**	15	**71.7**	15	7.3	7.1	7.4	**7.3**	191.3	42	142.9
八月 Aug.	7.6	30.9	18.7	57.2	31.6	26	28.7	26	5.9	6.8	5.4	6.0	244.1	58	149.1
九月 Sept.	14.1	36.8	7.5	58.4	35.1	5	32.6	5	3.9	3.2	3.3	3.5	278.2	75	156.1
十月 Oct.	3.4	5.2	21.2	29.9	20.4	31	17.4	31	2.5	4.0	2.5	3.0	254.3	74	128.8
十一月 Nov.	16.8	12.1	7.7	36.6	23.9	15	14.7	15	4.2	5.8	4.8	4.9	172.5	57	79.8
十二月 Dec.	0.4	0.8	1.8	**3.0**	1.7	31	1.5	31	2.9	3.2	2.3	**2.8**	198.2	68	66.5
全年 Annual	178.3	237.7	213.0	629.0	147.5	15 VII	71.7	15 VII	4.7	5.3	4.1	4.7	2805.7	63	1467.8

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

旅順
RYOJUN.

昭和五年 1930

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.	3.4	4.9	2.7	14.2	ENE	2	3.7	3	—	—	3	W	100
二月 Feb.	3.6	4.8	2.3	11.8	W	19	3.6	4	—	—	4	N 79° W	94
三月 Mar.	4.0	5.6	3.2	15.5	NNW	17	4.3	9	1	—	10	W	100
四月 April	4.0	5.8	3.3	16.9	NNE	20	4.4	9	3	—	12	S 77° W	100
五月 May	4.6	5.6	3.7	16.5	WNW	3	4.4	4	2	—	6	N 69° W	80
六月 June	3.1	4.7	2.8	12.4	W	2	3.5	2	—	—	2	S 87° W	95
七月 July	3.1	4.2	2.8	19.1	W	16	3.4	1	2	—	3	S 68° W	96
八月 Aug.	2.4	3.6	2.4	11.9	S	4	2.7	2	—	—	2	S 79° W	98
九月 Sept.	3.2	5.1	3.4	12.8	W	24	3.7	4	—	—	4	W	100
十月 Oct.	3.9	5.4	3.5	15.0	NE	10	4.3	6	1	—	7	—	—
十一月 Nov.	5.6	6.4	4.6	17.2	WNW	2	5.3	11	2	—	13	W	100
十二月 Dec.	5.0	7.0	4.4	16.7	WNW	15	5.2	10	3	—	13	W	100
全年 Annual	3.8	5.3	3.3	19.1	W	16 VII	4.1	65	14	—	79	S 83° W	88

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.	9	7	12	6	2	3	1	2	1	2	3	5	5	15	3	15	2	N 17° W	42
二月 Feb.	4	5	16	8	3	2	12	4	3	1	2	3	4	6	6	4	1	N 49° E	25
三月 Mar.	3	9	12	5	6	4	20	6	4	1	1	1	2	6	9	1	3	N 81° E	29
四月 April	4	3	8	—	1	7	17	14	9	4	2	4	6	1	7	3	—	S 28° E	29
五月 May	3	5	3	—	—	2	3	11	24	10	1	—	10	9	7	3	2	S 38° W	33
六月 June	5	2	1	1	3	1	11	25	8	3	3	3	14	3	1	3	3	S 2° W	36
七月 July	7	2	3	—	2	8	23	20	7	1	—	1	11	4	1	—	3	S 31° E	41
八月 Aug.	5	1	3	1	1	7	16	15	4	1	2	8	9	5	2	8	5	S 2° E	19
九月 Sept.	4	5	12	4	1	3	3	5	12	8	2	3	4	8	9	2	5	N 89° W	4
十月 Oct.	4	7	16	5	1	4	4	9	3	3	1	2	5	8	6	8	7	N 19° E	21
十一月 Nov.	5	2	13	9	3	5	2	2	2	3	5	6	2	15	7	7	2	N 15° W	24
十二月 Dec.	1	2	7	18	4	4	1	1	4	3	1	7	9	6	15	7	3	N 14° W	23
全年 Annual	54	50	106	57	27	50	113	114	81	40	23	43	81	86	73	61	36	S 65° E	4

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	1	8	—	—	—	—	—	14	2	—	3	20	10	31	30	15	—	—	—	—	—	—	—
二月 Feb.	4	3	3	1	—	—	—	4	11	6	3	4	15	8	25	18	7	—	—	—	—	—	—	—
三月 Mar.	8	3	3	1	—	1	3	5	9	7	4	10	3	—	18	4	—	—	—	—	—	—	—	—
四月 April	7	4	—	—	—	—	—	3	5	10	3	12	2	—	3	—	—	—	—	—	—	—	—	—
五月 May	7	3	—	—	—	2	—	3	6	8	1	6	—	—	—	—	—	—	—	4	—	—	—	—
六月 June	3	3	—	—	—	3	—	—	7	7	2	2	—	—	—	—	—	—	—	17	—	1	—	—
七月 July	12	8	—	—	—	2	1	14	4	16	4	3	—	—	—	—	—	—	3	27	—	3	—	—
八月 Aug.	9	6	—	—	—	3	—	2	2	10	—	2	—	—	—	—	—	—	16	31	—	8	—	—
九月 Sept.	8	7	—	—	—	3	—	—	14	6	—	4	—	—	—	—	—	—	—	18	—	1	—	—
十月 Oct.	5	4	—	—	—	—	—	1	17	4	1	7	—	—	—	—	—	—	—	—	—	—	—	—
十一月 Nov.	7	6	5	3	—	1	—	—	6	5	2	13	3	—	20	7	—	—	—	—	—	—	—	—
十二月 Dec.	5	1	6	1	—	—	—	—	13	1	2	13	8	2	26	14	7	—	—	—	—	—	—	—
全年 Annual	79	49	25	6	—	15	4	32	108	82	22	79	51	20	123	73	29	—	19	97	—	13	—	—

旅順

鞍山

昭和五年 **ANSHAN.** 1930

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.	69.3	68.8	69.1	**69.0**	**77.6**	3	59.1	15	1.3	1.6	1.5	**1.5**
二月 Feb.	66.0	65.2	65.7	65.6	72.6	15	54.8	24	2.3	2.5	2.6	2.5
三月 Mar.	62.9	62.6	63.4	63.0	74.9	6	48.8	14	3.7	3.4	4.1	3.7
四月 April	57.9	57.7	58.0	57.9	66.7	1	47.1	17	4.6	4.8	5.0	4.8
五月 May	54.9	54.1	54.5	54.5	61.7	14	48.6	20	7.0	7.1	7.5	7.2
六月 June	52.1	51.4	52.1	51.9	58.6	10	43.8	2	9.7	10.1	11.0	10.3
七月 July	49.2	49.5	49.8	**49.5**	55.2	2	**35.3**	16	17.4	18.1	18.7	**18.1**
八月 Aug.	51.3	51.3	51.7	51.5	58.2	27	43.7	18	15.9	16.5	17.0	16.5
九月 Sept.	58.7	58.4	58.9	58.7	64.7	19	49.1	25	9.7	9.5	10.5	9.9
十月 Oct.	61.6	61.2	61.9	61.6	70.0	10	49.8	1	5.9	5.9	6.4	6.1
十一月 Nov.	64.0	64.2	64.9	64.4	71.1	15	55.4	21	2.6	2.9	2.7	2.8
十二月 Dec.	67.1	66.8	67.0	67.0	76.6	30	56.6	10	2.1	2.1	2.3	2.1
全年 Annual	59.6	59.3	59.7	59.5	77.6	3 I	35.3	16 VII	6.8	7.1	7.4	7.1

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) RELATVE HUMIDITY. (%) 5h	13h	21h	平均 Mean
一月 Jan.	85.6	92.0	87.0	**88.2**	93.3	**83.4**	9.8	0.0	22	**75.4**	4	80.0	60.3	78.6	73.0
二月 Feb.	91.4	97.6	94.1	94.4	99.1	89.9	9.2	8.3	20	81.1	2	85.4	62.5	83.1	77.0
三月 Mar.	98.8	6.7	1.6	2.4	8.2	97.4	10.7	17.7	24	89.3	6	83.9	45.1	76.5	68.5
四月 April	7.1	15.6	9.8	10.8	17.4	5.0	**12.4**	29.2	18	96.1	7	60.5	37.8	55.7	51.4
五月 May	14.0	23.4	16.7	18.0	24.5	12.5	12.0	30.9	28	6.3	3	59.8	35.2	53.5	**49.5**
六月 June	18.2	27.6	21.3	22.4	28.9	**16.7**	12.2	34.2	19	10.5	7	63.2	38.7	59.2	53.7
七月 July	**22.1**	28.6	24.4	**25.0**	**30.1**	21.2	**9.0**	34.0	11	17.6	1	87.7	64.3	83.9	**78.7**
八月 Aug	20.6	28.4	22.5	23.8	29.9	19.0	10.9	**34.4**	1	11.8	27	87.5	58.0	83.8	76.4
九月 Sept.	13.7	22.8	16.3	17.6	24.4	12.0	**12.4**	32.4	4, 5	4.5	29	80.9	46.5	74.3	67.2
十月 Oct.	6.3	15.4	8.5	10.1	16.8	4.9	11.9	25.7	7	97.6	31	80.1	45.7	74.5	66.8
十一月 Nov.	94.7	0.1	95.7	96.8	1.2	91.9	9.2	16.0	7	82.3	30	78.3	56.8	77.3	70.8
十二月 Dec.	91.4	96.9	93.4	93.9	98.9	88.7	10.3	7.7	17	89.7	30	77.3	54.7	71.9	68.0
全年 Annual	5.3	12.9	7.6	8.6	14.4	3.6	10.8	34.4	1 VIII	75.4	4 I	77.1	50.5	72.7	63.8

月 MONTH.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-12h	13-21h	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) 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.	0.9	—	0.9	1.8	0.9	13	0.9	13	0.9	2.7	1.0	**1.5**	200.4	68	**35.4**
二月 Feb.	2.5	0.0	0.0	2.5	1.4	27	1.4	27	2.9	5.6	2.9	3.8	**159.1**	53	45.8
三月 Mar.	35.4	11.1	15.5	62.0	33.4	26	25.0	26	3.8	5.8	3.3	4.3	227.2	62	81.6
四月 April	35.1	6.9	1.7	43.7	23.6	23	**22.1**	23	6.2	6.4	5.0	**5.9**	217.1	54	218.4
五月 May	2.4	6.4	23.4	32.2	16.2	28	16.2	28	5.2	5.4	3.7	4.8	**292.4**	65	**311.5**
六月 June	5.6	48.2	29.6	83.4	42.8	24	41.0	24	6.1	6.6	4.1	5.6	249.8	55	281.8
七月 July	39.2	71.2	87.2	**197.6**	26.3	15	25.4	15	6.2	6.9	4.7	**5.9**	216.4	47	176.8
八月 Aug.	65.9	24.3	90.8	181.0	**47.0**	18	**47.0**	18	5.3	6.7	2.5	4.8	238.9	56	154.3
九月 Sept.	8.0	80.3	33.0	121.3	44.3	30	38.2	8	3.5	4.6	2.0	3.4	244.0	66	149.7
十月 Oct.	16.0	4.4	30.4	50.8	23.2	31	23.2	31	2.3	3.2	2.0	2.5	239.6	70	113.5
十一月 Nov.	23.0	11.1	10.7	44.8	21.9	19	16.2	19	2.7	5.1	2.0	3.3	173.4	59	55.2
十二月 Dec.	0.6	0.0	—	**0.6**	0.6	11	0.6	11	2.9	4.1	3.0	3.3	170.0	59	52.1
全年 Annual	234.6	263.9	323.2	821.7	47.0	18 VIII	47.0	18 VIII	4.0	5.3	3.0	4.1	2628.3	59	**1676.1**

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

鞍山
ANSHAN.

昭和五年 — 1930

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.	2.1	3.1	1.9	9.4	SW	13	2.3
二月 Feb.	2.2	4.3	2.6	11.7	SW	28	3.0
三月 Mar.	2.3	5.1	2.9	11.7	NNE	17	3.3
四月 April	4.1	7.5	4.5	16.7	SW	17	5.3
五月 May	3.8	6.5	3.4	13.4	SW	7	4.8
六月 June	3.0	4.2	2.7	9.5	SW	23	3.4
七月 July	1.5	3.6	1.8	10.1	SW	16	2.6
八月 Aug.	1.4	3.0	1.1	8.2	WSW SW	5,7	1.8
九月 Sept.	1.2	4.0	1.8	9.9	SW	16	2.1
十月 Oct.	2.3	4.7	2.3	10.6	WSW	12	2.9
十一月 Nov.	2.0	4.2	2.1	10.6	WSW	6	2.6
十二月 Dec.	2.8	4.0	2.9	9.0	SW	17	3.1
全年 Annual	2.4	4.5	2.5	16.7	SW	17 IV	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.	—	—	—	—
二月 Feb.	1	—	—	1
三月 Mar.	2	1	—	3
四月 April	10	2	—	12
五月 May	5	—	—	5
六月 June	—	—	—	—
七月 July	1	—	—	1
八月 Aug.	—	—	—	—
九月 Sept.	—	—	—	—
十月 Oct.	1	—	—	1
十一月 Nov.	2	—	—	2
十二月 Dec.	—	—	—	—
全年 Annual	22	3	—	25

上層雲 UPPER CLOUD.

月 MONTH.	平均 Resultant 方向 Dir.	回數 Freq.
一月 Jan.	S	100
二月 Feb.	W	80
三月 Mar.	SW	100
四月 April	S 45° W	82
五月 May	S 45° W	86
六月 June	S 45° W	100
七月 July	S 39° W	96
八月 Aug.	S 40° W	74
九月 Sept.	S 45° W	100
十月 Oct.	S 45° W	100
十一月 Nov.	N 45° W	71
十二月 Dec.	N 68° W	38
全年 Annual	S 48° W	80

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.	—	2	13	2	6	5	4	1	14	15	18	2	4	3	—	2	2
二月 Feb.	—	3	19	6	7	4	—	3	6	5	18	7	2	1	—	—	3
三月 Mar.	2	13	8	3	4	11	2	1	2	10	13	5	6	2	6	1	4
四月 April	—	3	12	6	1	3	2	2	5	18	23	8	4	—	—	—	3
五月 May	1	2	3	2	—	—	2	1	6	14	38	8	4	3	3	5	1
六月 June	2	5	4	—	2	—	—	1	5	15	29	11	5	2	3	—	6
七月 July	—	4	6	3	4	4	4	—	8	9	22	9	3	4	—	—	13
八月 Aug.	3	4	3	1	2	2	2	—	2	11	18	11	8	—	2	2	22
九月 Sept.	3	2	7	6	4	4	—	1	5	11	15	5	7	—	3	—	17
十月 Oct.	—	7	18	5	8	—	—	1	—	13	13	13	3	1	2	1	8
十一月 Nov.	5	4	5	3	5	7	3	3	2	7	11	5	6	4	1	6	13
十二月 Dec.	1	5	17	7	6	5	2	1	3	5	16	9	6	—	1	—	9
全年 Annual	17	51	115	44	49	45	21	15	58	133	234	93	58	20	21	17	101

風 WIND.

月 MONTH.	平均 Resultant 方向 Dir.	回數 Freq.
一月 Jan.	S 4° W	35
二月 Feb.	S 35° E	17
三月 Mar.	S 19° W	2
四月 April	S 23° W	38
五月 May	S 49° W	62
六月 June	S 51° W	56
七月 July	S 27° W	35
八月 Aug.	S 57° W	37
九月 Sept.	S 30° W	20
十月 Oct.	S 43° W	5
十一月 Nov.	S 49° W	8
十二月 Dec.	N 72° E	5
全年 Annual	S 34° W	24

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	曇天	不照	暴風	霜
一月 Jan.	3	—	3	—	—	—	—	—	21	—	2	—	28
二月 Feb.	3	1	7	—	—	—	—	1	13	5	3	1	21
三月 Mar.	7	5	4	—	—	2	—	1	8	6	2	3	16
四月 April	5	5	1	—	—	1	—	—	3	9	3	12	3
五月 May	6	4	—	—	—	3	—	1	7	7	1	5	—
六月 June	12	9	—	—	1	3	—	—	3	8	—	—	—
七月 July	17	15	—	—	—	4	—	1	6	12	5	1	—
八月 Aug.	12	11	—	—	—	2	—	—	4	3	3	—	—
九月 Sept.	6	6	—	—	—	1	—	1	10	3	3	—	1
十月 Oct.	5	4	2	—	—	—	—	—	18	4	3	1	13
十一月 Nov.	5	4	6	—	—	—	—	—	11	2	4	2	20
十二月 Dec.	1	—	2	—	—	—	—	2	11	3	4	—	21
全年 Annual	82	64	25	—	1	16	—	7	115	62	33	25	123

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°	地震回數 No. of obs.
一月 Jan.	30	31	31	30	—	—	—	—	—	—	—
二月 Feb.	14	27	23	15	—	—	—	—	—	—	—
三月 Mar.	1	26	6	2	—	—	—	—	—	—	—
四月 April	—	5	—	—	—	—	2	—	—	—	—
五月 May	—	—	—	—	—	—	19	—	2	—	—
六月 June	—	—	—	—	—	5	25	—	14	—	—
七月 July	—	—	—	—	—	19	30	—	18	—	—
八月 Aug.	—	—	—	—	—	11	30	—	15	—	—
九月 Sept.	—	—	—	—	—	1	11	—	6	—	—
十月 Oct.	—	4	1	—	—	—	2	—	—	—	—
十一月 Nov.	12	27	24	18	—	—	—	—	—	—	—
十二月 Dec.	21	30	27	18	—	—	—	—	—	—	—
全年 Annual	78	159	112	83	—	36	119	—	55	—	—

開原

昭和五年 **KAIYUAN.** 1930

開原

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.	63.7	63.2	63.6	**63.5**	**71.9**	2	53.4	15	0.8	1.4	1.1	1.1
二月 Feb.	60.6	60.1	60.7	60.5	68.4	15	48.8	24	1.6	2.1	2.2	2.0
三月 Mar.	58.2	57.7	58.0	58.0	70.6	5	43.1	14	2.9	3.4	3.1	3.2
四月 April	52.6	52.1	52.5	52.4	61.5	1	40.1	17	4.0	4.6	4.2	4.3
五月 May	49.6	48.2	49.0	48.9	56.0	14	40.8	20	7.0	7.7	7.3	7.3
六月 June	46.7	45.7	46.6	46.3	53.7	10	38.5	2	10.2	10.1	10.2	10.1
七月 July	44.6	44.2	44.8	**44.5**	50.7	2	**32.3**	**16**	16.9	17.5	17.9	**17.4**
八月 Aug.	46.4	46.1	46.6	46.4	53.2	29	39.1	18	15.6	16.7	17.2	16.5
九月 Sept.	53.8	53.2	53.6	53.5	59.9	28	44.7	25	9.2	9.8	10.5	9.8
十月 Oct.	56.9	56.0	56.7	56.5	65.0	10	44.5	1	5.2	6.0	6.1	5.8
十一月 Nov.	58.1	57.9	58.9	58.3	65.5	14	48.9	21	2.3	2.5	2.5	2.4
十二月 Dec.	61.7	61.2	61.2	61.3	70.7	30	50.3	10	1.5	1.7	1.8	1.7
全年 Annual	54.4	53.8	54.3	54.2	71.9	2 I	32.3	16 VII	6.4	7.0	7.0	6.8

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) RELATVE HUMIDITY. (%) 5h	13h	21h	平均 Mean
一月 Jan.	79.7	90.0	83.2	**84.3**	91.1	**77.7**	13.4	96.4	26	**69.8**	3	82	60	79	74
二月 Feb.	87.3	96.9	91.4	91.8	97.6	85.4	12.2	8.1	22	75.5	6.7	79	54	77	70
三月 Mar.	96.7	6.1	0.1	1.0	6.8	95.3	11.5	16.9	24	84.6	6	77	47	64	63
四月 April	5.4	15.2	8.4	9.7	16.7	3.0	13.7	26.8	18	89.1	7	60	37	53	**50**
五月 May	12.3	22.8	15.8	17.0	24.2	10.3	**14.0**	30.8	28	1.2	3	65	39	55	53
六月 June	17.0	27.4	20.8	21.7	29.0	15.2	13.8	**34.3**	19	10.8	3	72	38	57	56
七月 July	21.3	28.8	23.7	**24.6**	**30.0**	20.3	**9.6**	33.0	6	17.6	31	90	61	83	78
八月 Aug.	19.2	26.8	21.4	22.4	28.1	18.3	9.8	32.6	1	10.0	27	94	65	90	**83**
九月 Sept.	11.2	22.0	14.5	15.9	23.1	9.8	13.3	31.9	4	2.0	28	89	50	83	74
十月 Oct.	3.6	14.8	6.6	8.3	15.4	2.1	13.3	23.8	8	95.2	31	85	47	80	71
十一月 Nov.	91.8	98.1	94.0	94.6	99.1	89.6	**9.6**	13.8	7	79.9	29	82	57	77	72
十二月 Dec.	87.0	94.0	89.8	90.3	95.5	84.6	10.8	3.6	10	76.8	30	81	55	77	71
全年 Annual	2.7	11.9	5.8	6.8	13.1	1.0	12.1	34.3	19 VI	69.8	3 I	80	51	73	68

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	四時間 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.	1.0	0.0	4.5	5.5	2.4	13	2.4	13	1.8	2.1	1.0	1.6	226.6	78	35.2
二月 Feb.	4.1	0.7	—	4.8	3.2	27	3.2	27	3.5	4.9	2.1	3.5	194.2	66	50.2
三月 Mar.	18.2	4.3	15.7	38.2	11.0	23	10.0	26	4.0	5.7	4.7	4.8	255.7	69	97.6
四月 April	5.2	8.2	1.1	14.5	10.9	6	5.6	6	7.5	8.4	5.5	7.1	232.8	58	232.1
五月 May	4.2	7.2	19.6	31.0	9.7	8	8.0	8	6.2	7.4	5.3	6.4	279.8	62	**329.1**
六月 June	16.2	32.2	9.6	58.0	35.4	24	26.3	24	5.6	7.0	4.9	5.8	**281.4**	62	319.2
七月 July	78.8	71.0	48.6	**198.4**	**65.2**	15	**35.6**	15	5.7	6.9	4.7	5.8	232.6	50	200.6
八月 Aug.	72.4	59.4	62.8	194.6	25.8	5	28.8	18	5.8	7.0	5.7	6.2	243.5	57	146.8
九月 Sept.	12.7	36.6	37.6	86.9	32.7	8	24.9	8	3.5	5.7	4.1	4.4	249.9	67	133.2
十月 Oct.	9.7	5.2	27.9	42.8	18.9	1	13.5	31	2.9	2.7	1.9	2.5	239.9	70	101.0
十一月 Nov.	7.9	0.5	7.9	16.3	10.2	19	6.1	19	3.9	5.3	3.7	4.3	**153.1**	52	41.7
十二月 Dec.	0.0	—	0.0	**0.0**	0.0	8.17.18	0.0	8.17.15	2.7	5.1	2.9	3.6	157.9	56	**32.1**
全年 Annual	230.4	225.3	235.3	691.0	65.2	15 VII	35.6	15 VII	4.4	5.7	3.9	4.7	2747.3	62	1718.8

※重力ノ更正 Reductton to standard gravity ……— 0.2
海面ヘノ更正 Reduction to mean sea level……+ 8.6

開原
KAIYUAN.

昭和五年 1930

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.	2.4	4.1	2.9	9.7	S	13	3.0	—	—	—	—	N 68° W	100
二月 Feb.	2.2	3.9	2.9	11.9	SW	28	2.9	1	—	—	1	S 68° W	100
三月 Mar.	2.4	4.1	2.4	11.7	N	28	3.0	1	—	—	1	—	—
四月 April	4.0	7.7	4.0	17.5	SSW	8	5.2	9	3	—	12	S 72° W	62
五月 May	4.1	7.8	4.9	16.9	SW	12	5.6	14	4	—	18	S 73° W	87
六月 June	3.2	4.8	2.8	14.6	SSW	9	4.1	3	—	—	3	—	—
七月 July	1.7	3.8	1.7	10.9	SSW	3	2.7	3	—	—	3	—	—
八月 Aug.	1.1	2.9	1.4	6.6	SSW	2	1.9	—	—	—	—	—	—
九月 Sept.	1.3	3.1	1.4	9.4	SW	24	2.2	—	—	—	—	—	—
十月 Oct.	2.3	4.3	2.1	13.4	SSW	12	2.8	1	—	—	1	S 45° W	100
十一月 Nov.	3.2	4.6	2.7	14.6	SW	6	3.4	4	—	—	4	—	—
十二月 Dec.	2.1	3.4	2.7	9.0	SW	27	2.5	—	—	—	—	S	100
全年 Annual	2.5	4.6	2.7	17.5	SSW	8 IV	3.3	36	7	—	43	S 76° W	68

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.	—	4	6	6	1	—	—	1	24	22	7	6	1	1	—	2	12	S 15° W	44
二月 Feb.	9	4	9	9	9	—	1	—	16	7	7	1	2	—	—	4	6	S 81° E	17
三月 Mar.	11	7	9	4	10	4	—	2	12	5	5	4	3	3	4	2	8	S 55° E	11
四月 April	8	5	5	2	5	2	—	4	16	23	11	4	—	1	—	2	2	S 11° W	36
五月 May	7	—	—	2	1	—	—	2	16	22	16	6	5	3	1	3	9	S 39° W	54
六月 June	4	5	—	5	1	1	—	3	15	22	11	5	6	2	7	1	2	S 38° W	44
七月 July	1	1	3	7	5	1	5	3	22	17	44	1	—	—	—	—	13	S 3° E	52
八月 Aug.	2	3	3	2	—	4	2	2	20	16	11	4	6	2	3	1	12	S 24° W	44
九月 Sept.	8	3	7	1	—	1	2	6	17	13	6	1	9	2	3	1	10	S 29° W	27
十月 Oct.	14	10	3	1	—	—	—	4	9	16	15	2	4	3	1	9	2	S 82° W	23
十一月 Nov.	3	—	2	3	3	1	—	4	15	16	12	8	5	6	10	1	1	S 46° W	47
十二月 Dec.	3	4	4	1	2	—	—	8	22	14	7	6	2	5	9	4	2	S 36° W	37
全年 Annual	70	46	51	43	37	14	10	39	204	193	122	48	43	28	38	30	79	S 26° W	31

月 MONTH.	天氣日數 NUMBER OF DAYS WITH. 降水 Precipitation ≧0.1 mm	≧1.0 mm	雪	霧	霧	電雷	雷聲	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.	3	3	2	—	—	—	—	4	22	2	2	—	27	31	31	31	31	—	—	—	—	—	—	—
二月 Feb.	2	2	4	—	—	—	—	1	11	4	—	1	24	18	28	23	18	—	—	—	—	—	—	—
三月 Mar.	8	6	6	—	—	—	—	—	8	7	1	1	23	4	26	12	1	—	—	—	—	—	—	—
四月 April	4	2	2	—	—	—	—	1	2	11	2	12	6	1	8	2	—	—	—	—	—	—	—	—
五月 May	12	8	—	—	1	4	1	—	—	9	2	18	—	—	—	—	—	—	—	16	—	3	—	—
六月 June	11	6	—	—	—	2	—	—	1	8	—	3	—	—	—	—	—	—	5	26	—	12	—	—
七月 July	15	12	—	—	—	2	2	—	5	9	5	3	—	—	—	—	—	—	12	30	—	20	—	—
八月 Aug.	15	13	—	—	—	3	2	2	4	12	2	—	—	—	—	—	—	—	6	28	—	8	—	—
九月 Sept.	8	5	—	—	—	—	1	1	8	7	2	—	2	—	—	—	—	—	—	11	—	5	—	—
十月 Oct.	5	4	2	—	—	—	—	—	18	3	3	1	16	—	12	1	—	—	—	—	—	—	—	—
十一月 Nov.	8	4	8	—	—	—	—	2	10	5	5	4	19	17	27	25	21	—	—	—	—	—	—	—
十二月 Dec.	—	—	2	1	—	—	—	2	14	5	5	—	30	27	31	30	25	—	—	—	—	—	—	—
全年 Annual	91	65	26	1	1	11	6	13	103	82	29	43	147	98	163	124	96	—	23	111	—	48	—	—

鄭家屯

昭和五年 **CHENGCHIATUN.** 1930

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.	61.5	61.0	61.5	**61.3**	**69.5**	2, 3	51.4	15	0.8	1.3	1.1	**1.1**
二月 Feb.	59.0	58.2	58.5	58.6	67.2	14	45.9	24	1.4	1.7	1.9	1.7
三月 Mar.	56.8	56.1	57.4	56.8	68.9	5	43.0	14	2.6	2.5	3.0	2.7
四月 April	52.0	50.5	51.5	51.3	59.7	1	38.8	17	4.0	4.1	4.2	4.1
五月 May	48.9	46.8	47.7	47.8	56.6	15	40.3	8	6.3	6.1	6.5	6.3
六月 June	46.4	45.4	46.1	45.9	53.3	10	37.1	2	10.7	9.6	10.8	10.3
七月 July	44.9	44.1	44.8	**44.6**	49.8	25	**33.1**	16	17.3	17.1	17.8	**17.4**
八月 Aug.	46.4	45.9	46.1	46.1	53.4	29	39.1	18	16.3	16.2	17.1	16.5
九月 Sept.	53.0	52.3	52.7	52.7	58.8	28	42.4	24	9.8	9.4	10.5	9.9
十月 Oct.	55.6	55.2	55.6	55.5	63.6	10	43.5	1	5.6	5.8	5.9	5.8
十一月 Nov.	56.1	56.1	57.5	56.6	64.0	14	47.6	1	2.2	2.4	2.4	2.3
十二月 Dec.	60.0	59.4	59.6	59.7	69.0	31	47.5	10	1.3	1.6	1.6	1.5
全年 Annual	53.4	52.6	53.2	53.1	69.5	23 I	33.1	16 VII	6.5	6.5	6.9	6.6

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) RELATVE HUMIDITY. (%) 5h	13h	21h	平均 Mean
一月 Jan.	79.1	90.2	83.5	**84.3**	92.1	**77.9**	14.1	99.5	26	**71.4**	7	91	59	86	79
二月 Feb.	85.2	96.5	89.8	90.5	98.3	83.5	**14.8**	9.7	22	76.2	11	86	46	84	72
三月 Mar.	94.2	5.9	99.0	99.7	7.4	92.9	14.5	17.3	24	80.5	4	80	34	67	61
四月 April	3.0	14.2	7.6	8.3	15.7	2.2	13.6	24.7	18	92.0	7	71	32	53	**52**
五月 May	10.1	21.5	15.3	15.6	23.0	9.2	13.9	30.6	30	2.4	3	66	33	53	**51**
六月 June	15.7	26.1	20.1	20.6	27.7	14.6	13.1	**34.1**	30	9.9	2	80	40	62	61
七月 July	21.2	28.2	23.4	**24.3**	**29.4**	20.2	9.2	33.6	2	17.6	11	92	62	83	79
八月 Aug.	19.8	25.7	22.0	22.5	26.9	19.2	**7.6**	32.9	1	14.8	27	95	67	87	**83**
九月 Sept.	11.7	21.1	15.1	15.9	22.6	10.8	11.8	31.6	3	3.4	22	90	50	79	73
十月 Oct.	4.2	13.3	6.8	8.1	14.6	2.6	11.9	23.4	7	95.1	31	85	49	76	70
十一月 Nov.	91.2	97.3	93.1	93.9	98.7	89.8	8.9	11.2	6	80.5	28	85	59	82	75
十二月 Dec.	84.6	91.9	87.2	87.9	93.4	83.0	10.4	1.9	10	75.8	30	89	60	87	79
全年 Annual	1.7	11.0	5.2	6.0	12.5	0.5	12.0	34.1	30 VI	71.4	7 I	84	49	75	69

月 MONTH.	降水量 (粍) AMOUNT OF PRECIPITATION. (mm) 21-5h	5-13	13-21h	總計 Total	最大 Maximum. 二十四時間 in 24h.	日 Day	四時間 in 4h.	日 Day	雲量 (白零至十) 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.	—	0.0	0.2	0.2	0.2	1	0.2	1	0.5	1.4	0.4	**0.8**	227.1	79	**33.6**
二月 Feb.	0.3	—	0.0	0.3	0.2	5	0.2	5	3.2	3.9	2.6	3.2	188.6	64	57.9
三月 Mar.	1.4	0.5	9.0	10.9	8.9	24	8.9	24	3.6	4.4	3.2	3.7	263.8	72	127.9
四月 April	13.4	—	3.8	17.2	13.4	6	13.4	6	6.4	7.5	4.2	**6.0**	232.6	58	243.3
五月 May	8.5	19.1	37.2	**64.8**	24.2	15	19.1	15	4.5	5.1	3.4	4.3	**288.9**	64	**347.6**
六月 June	18.7	10.0	13.4	42.1	22.4	24	17.1	24	4.4	5.5	3.0	4.3	276.0	60	266.2
七月 July	91.0	123.4	87.2	301.6	98.1	16	70.9	4	5.5	5.4	4.4	5.1	232.7	50	192.9
八月 Aug.	119.4	99.5	226.4	**445.3**	**107.9**	12	**82.1**	12	7.4	6.6	3.9	**6.0**	199.8	46	129.7
九月 Sept.	2.1	18.4	7.4	27.9	14.9	21	13.6	21	3.6	4.1	1.9	.2	252.9	68	128.8
十月 Oct.	45.6	6.9	7.9	60.4	29.7	2	22.8	2	3.7	2.4	1.2	2.4	239.8	71	96.2
十一月 Nov.	7.8	1.8	3.4	13.0	10.1	19	6.7	19	2.8	4.4	2.4	3.2	179.8	62	53.2
十二月 Dec.	0.0	0.0	—	**0.0**	0.0	15.18.27	0.0	15.18.27	2.7	3.5	2.2	2.8	**174.1**	63	38.6
全年 Annual	308.2	279.6	395.9	983.7	107.9	12 VIII	82.1	12 VIII	4.0	4.5	2.7	3.8	2756.1	62	1715.9

※電力ノ更正 Reduction to standard gravity ……— 0.1
海面ヘノ更正 Reduction to mean sea level ……+ 10.8

鄭家屯
CHENGCHIATUN.

昭和五年 — 1930

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.	1.9	3.7	1.7	8.5	WSW	13	2.4	—	—	—	—	—	—
二月 Feb.	2.1	4.0	2.0	8.8	WSW	21	2.8	—	—	—	—	—	—
三月 Mar.	2.2	4.3	1.8	10.1	NE	17	2.8	2	—	—	2	N 55° W	58
四月 April	3.5	5.6	3.4	14.0	WSW	2, 16	4.2	7	—	—	7	S 52° E	84
五月 May	3.8	6.0	4.0	15.3	WSW	31	5.1	12	1	—	13	N 31° W	35
六月 June	2.5	3.5	2.4	12.4	NNW	1	2.7	1	—	—	1	N 69° W	37
七月 July	1.5	2.9	1.5	9.2	E	16	2.1	—	—	—	—	N 68° E	27
八月 Aug.	1.3	2.5	1.5	6.1	WSW	2	1.7	—	—	—	—	S 81° W	79
九月 Sept.	1.5	3.3	1.6	9.2	WSW	24	2.1	—	—	—	—	S 72° W	49
十月 Oct.	2.5	4.1	2.1	8.5	NNE	1	2.7	—	—	—	—	—	—
十一月 Nov.	3.0	4.4	2.4	11.2	WNW	3	3.2	1	—	—	1	—	—
十二月 Dec.	2.8	3.9	2.4	8.3	WNW	11	2.7	—	—	—	—	S 74° W	49
全年 Annual	2.4	4.1	2.2	15.3	WSW	31 v	2.9	23	1	—	24	N 89° W	21

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.	5	4	3	1	1	—	—	—	2	9	3	7	10	9	15	14	10	N 61° W	50
二月 Feb.	11	7	5	4	5	1	4	2	2	3	10	8	7	3	2	3	7	N 47° W	14
三月 Mar.	6	10	10	5	3	6	4	2	3	7	1	8	5	—	6	7	10	N 19° E	17
四月 April	6	6	9	6	3	3	1	2	2	7	16	17	3	1	1	1	6	S 60° W	17
五月 May	2	10	8	2	3	2	—	—	2	7	8	27	5	3	9	3	2	N 85° W	35
六月 June	2	6	6	3	3	3	2	2	3	6	14	12	6	2	2	8	10	S 75° W	21
七月 July	2	2	1	5	7	1	1	3	4	3	11	15	3	3	1	2	29	S 45° W	21
八月 Aug.	3	6	4	5	2	1	5	2	6	10	5	7	1	8	2	4	22	S 55° W	11
九月 Sept.	4	2	2	3	1	4	2	6	6	17	3	4	2	6	3	5	20	S 33° W	22
十月 Oct.	12	14	5	2	1	—	—	—	9	22	5	2	—	5	5	4	7	N 68° W	14
十一月 Nov.	3	3	—	—	1	1	1	1	7	7	5	8	8	15	9	13	8	N 86° W	48
十二月 Dec.	5	10	—	1	—	—	1	3	4	16	4	8	10	9	5	12	5	N 83° W	39
全年 Annual	61	80	53	37	30	22	21	23	50	114	85	123	60	64	60	76	136	N 86° W	21

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.	1	—	1	—	—	—	—	—	26	—	1	—	19	31	31	31	31	—	—	—	—	—	—	—
二月 Feb.	2	—	4	—	—	—	—	—	13	2	1	—	8	24	28	28	20	—	—	—	—	—	—	—
三月 Mar.	7	2	3	—	—	—	—	—	7	5	1	2	2	6	28	17	3	—	—	—	—	—	—	—
四月 April	2	2	3	1	—	—	—	—	2	9	1	7	1	—	10	2	—	—	—	—	—	—	—	—
五月 May	10	6	—	—	1	3	1	—	6	6	2	13	—	—	—	—	—	—	—	12	—	1	—	—
六月 June	12	6	—	—	—	4	—	1	10	6	—	1	—	—	—	—	—	—	4	21	—	10	—	—
七月 July	15	12	—	—	—	4	1	2	8	8	1	—	—	—	—	—	—	—	12	28	—	13	—	—
八月 Aug.	16	13	—	—	1	4	2	5	4	10	4	—	—	—	—	—	—	—	4	24	—	4	—	—
九月 Sept.	8	6	—	—	2	2	—	1	12	3	1	—	—	—	—	—	—	—	—	9	—	5	—	—
十月 Oct.	4	4	2	—	—	—	—	2	17	2	3	—	9	—	9	2	—	—	—	—	—	—	—	—
十一月 Nov.	7	2	8	—	—	—	—	4	15	5	2	1	15	16	29	27	19	—	—	—	—	—	—	—
十二月 Dec.	—	—	3	—	—	—	—	3	17	5	4	—	20	29	31	31	29	—	—	—	—	—	—	—
全年 Annual	84	53	24	1	4	17	4	18	137	61	21	24	74	106	166	138	102	—	20	94	—	33	—	—

洮南

昭和五年 **TAONAN.** 1930

洮南

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.	57.5	56.2	56.8	**56.8**	65.2	2	46.8	15	0.7	1.3	0.9	**1.0**
二月 Feb.	55.5	54.6	55.4	55.2	65.9	15	40.5	24	1.1	1.8	1.5	1.5
三月 Mar.	54.0	52.8	53.1	53.3	**66.0**	6	42.6	13, 14	1.9	2.4	2.1	2.1
四月 April	47.1	46.5	46.4	46.7	56.5	1	32.1	16	2.7	3.1	2.9	2.9
五月 May	43.4	42.0	42.3	42.6	53.1	15	31.1	26	4.8	4.8	4.9	4.8
六月 June	41.6	41.1	41.0	41.2	48.8	10	**28.7**	1	9.4	10.0	10.0	9.8
七月 July	40.1	39.5	40.3	**40.0**	46.7	6	32.0	11	15.1	14.9	15.5	**15.2**
八月 Aug.	41.6	41.2	41.3	41.4	48.7	29	35.9	19	14.3	14.5	15.2	14.6
九月 Sept.	48.2	47.2	47.9	47.7	55.8	28	35.1	24	8.5	8.8	9.3	8.9
十月 Oct.	51.5	50.8	51.4	51.2	59.7	10	43.9	9	4.0	4.3	4.0	4.1
十一月 Nov.	51.6	51.5	52.1	51.7	60.2	15	41.9	2	1.7	2.1	1.6	1.8
十二月 Dec.	55.4	54.8	55.3	55.1	64.6	31	41.5	10	0.8	1.3	1.0	1.1
全年 Annual	49.0	48.2	48.6	48.6	66.0	6 III	28.7	1 VI	5.4	5.8	5.7	5.7

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) RELATVE HUMIDITY. (%) 5h	13h	21h	平均 Mean
一月 Jan.	78.1	89.7	82.6	**83.5**	91.1	**77.0**	14.1	99.1	25	69.8	3	74	62	73	69
二月 Feb.	82.9	93.8	88.2	88.3	95.6	81.9	13.7	4.9	20	73.8	9	81	60	74	72
三月 Mar.	92.1	4.7	98.3	98.4	6.6	91.3	**15.3**	16.0	27	78.8	6	69	37	53	53
四月 April	1.4	12.9	7.2	7.2	14.8	0.6	14.2	**24.6**	16	90.6	1	54	28	39	40
五月 May	8.8	20.9	15.3	15.0	22.6	7.9	14.7	34.8	30	99.8	4	54	27	37	**39**
六月 June	14.9	24.1	19.6	19.5	26.4	13.6	12.8	34.6	30	7.6	6	75	50	61	62
七月 July	20.0	28.6	23.6	**24.1**	**30.2**	19.1	11.1	**37.4**	2	15.0	17	87	55	73	71
八月 Aug.	18.0	24.6	20.9	21.1	26.2	17.4	**8.8**	37.4	2	13.0	9	92	66	85	**81**
九月 Sept.	10.3	20.3	14.1	14.9	21.9	9.5	12.4	31.0	3, 4	1.5	22	87	48	73	69
十月 Oct.	1.4	13.6	5.6	6.9	14.8	0.4	14.3	26.4	9	93.3	31	79	38	60	59
十一月 Nov.	87.6	95.5	90.0	91.0	96.7	86.0	10.7	8.9	6	75.6	12	82	62	71	72
十二月 Dec.	79.7	88.1	82.6	**83.5**	89.4	77.6	11.7	96.6	10	**69.2**	16	87	69	82	79
全年 Annual	99.6	9.7	4.0	4.5	11.4	98.5	12.8	37.4	2 VII 2 VIII	69.2	16 XII	77	50	65	64

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	四時間 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.	1.1	0.3	—	1.4	1.1	2	1.1	2	1.8	2.2	0.4	**1.5**	221.7	78	24.4
二月 Feb.	0.0	0.7	0.1	**0.8**	0.7	17	0.7	17	3.2	4.1	1.0	2.8	212.2	73	43.2
三月 Mar.	1.5	0.0	4.5	6.0	4.5	24	4.5	24	3.6	5.8	2.7	4.0	266.7	72	117.8
四月 April	0.9	0.2	6.0	7.1	6.2	5	6.0	5	6.7	6.7	2.1	5.2	270.6	67	273.0
五月 May	2.3	1.3	7.4	11.0	3.2	15	2.7	26	5.8	7.2	3.9	5.6	290.7	63	**418.9**
六月 June	21.0	9.9	11.9	42.8	15.3	24	15.1	24	5.2	6.5	4.4	5.4	267.5	57	280.1
七月 July	10.7	50.4	38.9	100.0	28.5	5	28.1	5	5.9	7.2	4.0	5.7	**293.6**	62	249.3
八月 Aug.	88.9	56.0	73.3	**218.2**	**51.3**	7	**38.8**	7	7.5	7.7	4.8	**6.7**	200.2	46	141.0
九月 Sept.	12.3	4.3	22.2	38.8	8.9	16	8.8	9	4.2	6.3	1.9	4.1	248.7	67	131.8
十月 Oct.	4.4	11.3	0.2	15.9	12.8	1	8.4	1	3.9	3.1	2.1	3.0	248.7	73	118.5
十一月 Nov.	6.7	7.1	5.7	19.5	7.3	21	5.5	21	4.2	5.2	2.2	3.8	**176.2**	62	32.1
十二月 Dec.	0.7	0.1	0.3	1.1	0.5	18	0.5	18	1.3	3.3	1.3	2.0	204.5	75	**19.2**
全年 Annual	150.5	141.6	170.6	462.6	51.3	7 VIII	38.8	7 VIII	4.4	5.4	2.6	4.2	2901.2	65	1849.2

※重力ノ更正 Reduction to standard gravity ……— 0.2
海面ヘノ更正 Reduction to mean sea level ……+ 6.8

洮南
TAONAN.

昭和五年 1930

月 MONTH.	風速度 (米秒) VELOCITY OF WIND. (m/sec) 5h	13	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.	2.4	3.8	3.2	10.7	WNW	23	2.9	1	—	—	1	N 60° W	68
二月 Feb.	2.8	4.2	3.1	12.3	WNW	24	3.6	2	—	—	2	S 44° W	43
三月 Mar.	2.8	5.3	3.2	10.5	NNE	14	3.8	1	—	—	1	N 55° W	42
四月 April	3.7	6.7	5.0	16.0	S SSW	21	5.3	8	1	—	9	N 63° W	65
五月 May	4.0	7.2	4.8	15.6	E	8	5.5	15	3	—	18	N 86° W	27
六月 June	3.3	4.5	3.2	17.0	NW	1	3.9	5	1	—	6	S 19° W	3
七月 July	3.2	4.4	3.8	13.7	W	28	3.6	6	—	—	6	S 70° W	18
八月 Aug.	2.9	4.0	3.2	9.9	ENE	22	3.2	—	—	—	—	S 29° W	33
九月 Sept.	2.8	4.6	3.3	11.4	S	21	3.3	4	—	—	4	S 9° E	6
十月 Oct.	3.2	5.6	3.9	18.7	N	1	3.7	6	1	—	7	S 29° W	23
十一月 Nov.	3.4	5.0	4.1	13.0	NNW	19	3.7	6	—	—	6	N 30° W	24
十二月 Dec.	2.5	3.2	3.4	9.9	W	24	2.9	—	—	—	—	S 68° W	33
全年 Annual	3.1	4.9	3.7	18.7	N	1 x	3.8	54	6	—	60	S 87° E	25

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	6	2	1	—	—	1	—	2	2	7	5	21	17	15	6	2	N 66° W	64
二月 Feb.	8	3	7	4	4	3	2	4	6	6	5	3	9	7	7	5	1	N 58° W	16
三月 Mar.	13	2	4	2	6	2	3	5	4	8	11	2	2	11	10	7	1	N 63° W	21
四月 April	8	6	10	1	5	1	3	1	6	7	11	4	3	5	16	3	—	N 55° W	23
五月 May	9	3	5	3	3	2	3	2	6	4	11	4	12	3	16	5	2	N 69° W	32
六月 June	9	9	10	3	5	5	3	3	8	4	2	4	4	3	10	8	—	N 8° E	22
七月 July	7	9	10	4	7	1	4	5	12	3	9	5	6	2	3	1	5	S 54° E	6
八月 Aug.	8	6	6	3	9	7	1	6	7	8	2	—	2	7	10	10	1	N 15° E	39
九月 Sept.	12	1	6	1	3	—	5	6	24	2	2	—	16	—	11	1	—	S 50° W	17
十月 Oct.	5	5	1	7	1	—	—	3	16	12	6	8	5	8	7	9	—	S 73° W	29
十一月 Nov.	6	—	1	—	—	—	1	2	5	3	5	13	23	12	13	5	1	N 84° W	67
十二月 Dec.	8	5	2	—	1	1	3	—	9	5	4	7	31	8	3	4	2	N 88° W	49
全年 Annual	99	55	64	29	44	22	20	37	105	64	75	55	134	83	121	64	15	N 89° W	23

月 MONTH.	天氣日數 NUMBER OF DAYSWITH. 降水 Precipitation ≧0.1 mm	≧1.0 mm	雪	霧凇	霜	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.	4	1	3	—	—	—	—	—	21	—	1	1	9	31	31	31	31	—	—	—	—	—	—	—
二月 Feb.	2	—	2	—	—	—	—	—	13	1	1	2	17	26	28	28	21	—	—	—	—	—	—	—
三月 Mar.	2	2	3	—	—	—	—	—	10	6	—	1	3	13	30	18	3	—	—	—	—	—	—	—
四月 April	3	1	1	—	—	—	—	—	4	4	1	9	1	—	9	3	—	—	—	—	—	—	—	—
五月 May	9	4	—	1	—	1	—	—	3	5	3	19	—	—	1	—	—	—	—	12	—	5	—	—
六月 June	10	7	—	—	—	1	1	1	5	7	2	7	—	—	—	—	—	—	2	22	—	8	—	—
七月 July	12	9	—	—	—	3	—	1	3	7	1	6	—	—	—	—	—	—	10	28	—	16	3	—
八月 Aug.	18	16	—	—	—	5	—	—	3	12	2	—	—	—	—	—	—	—	2	19	1	7	1	—
九月 Sept.	10	9	—	—	—	—	—	—	4	1	—	4	—	—	—	—	—	—	—	9	—	4	—	—
十月 Oct.	2	2	2	—	—	—	—	2	18	4	4	7	6	—	13	4	1	—	—	3	—	—	—	—
十一月 Nov.	6	5	6	1	—	—	—	—	11	4	4	6	8	18	30	29	26	—	—	—	—	—	—	—
十二月 Dec.	4	—	4	—	—	—	—	—	19	1	1	—	18	31	31	31	31	—	—	—	—	—	—	—
全年 Annual	82	56	21	2	—	10	1	4	114	52	20	62	62	119	173	144	113	—	14	93	1	40	4	—

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