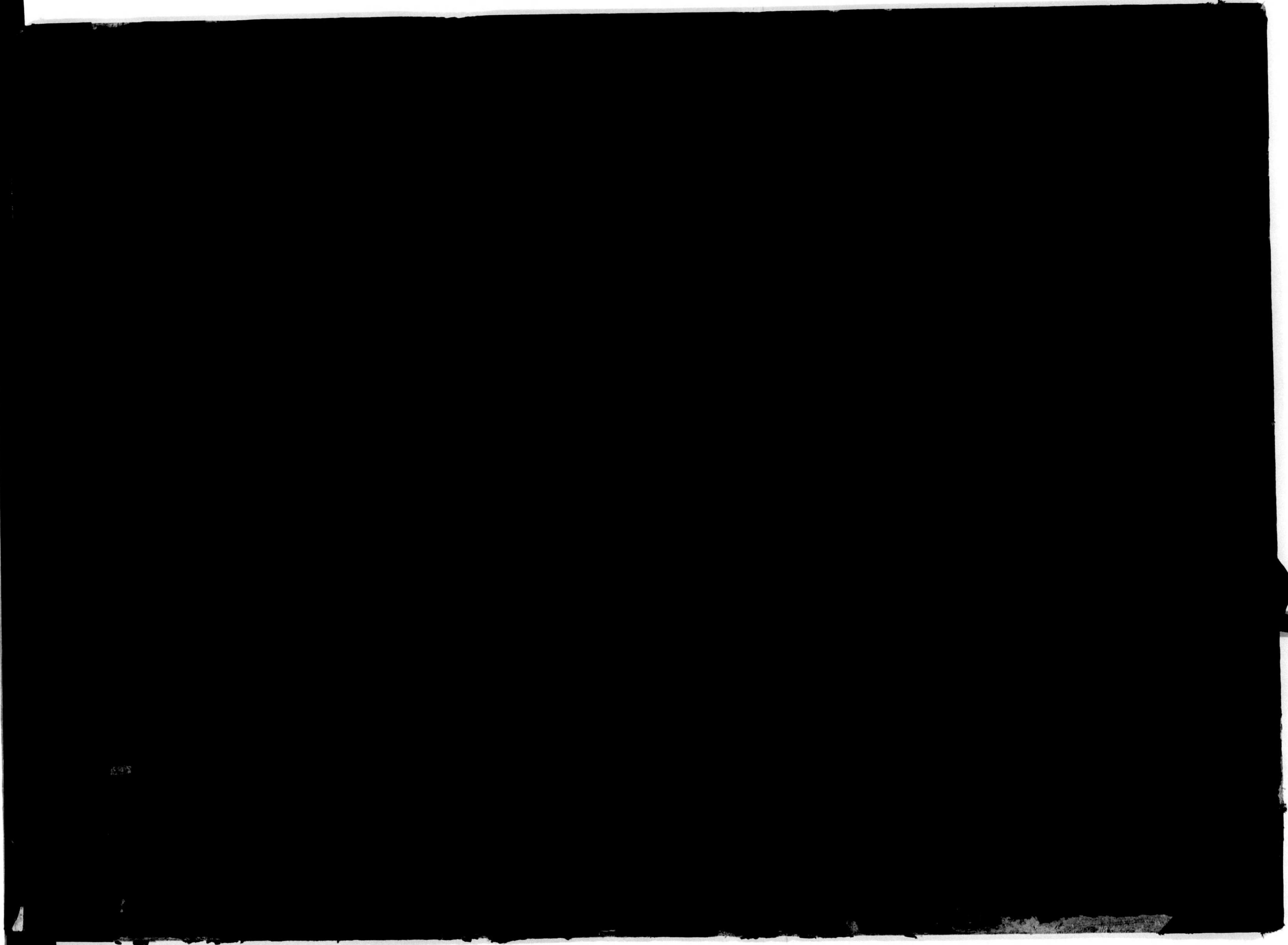


0 1 2 3 4 5 6 7 8 9 10^{cm}
0 1 2 3 4 5^{mm}



北太平洋天氣圖

大正十二年九月

神戶

海峽氣象臺

DAILY WEATHER CHARTS

OF THE

NORTH PACIFIC OCEAN.

SEPTEMBER

1923



THE IMPERIAL MARINE OBSERVATORY,

KOBE, JAPAN.

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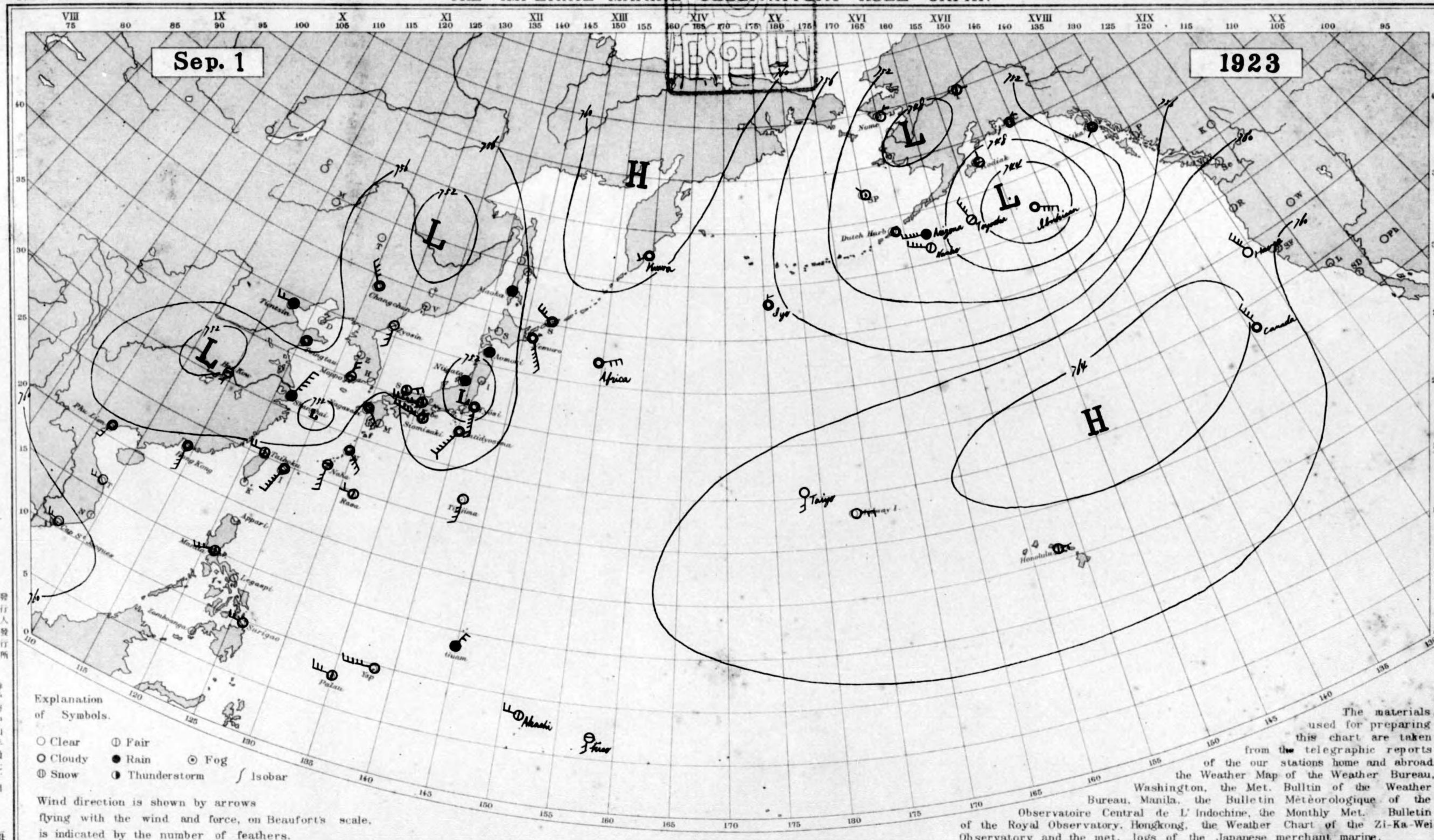
大正
13.11.27
製本

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 244



印 發
行 人 發
行 所

神 戶 市 中 山 手 通 七 丁 目

海 洋 氣 象 臺

Explanation of Symbols.

- Clear ⊕ Fair
- ☁ Cloudy ● Rain ⊙ Fog
- ⊖ Snow ⊕ Thunderstorm / Isobar

Wind direction is shown by arrows flying with the wind and force, on Beaufort's scale, is indicated by the number of feathers.

The materials used for preparing this chart are taken from the telegraphic reports of the our stations home and abroad, the Weather Map of the Weather Bureau, Washington, the Met. Bulletin of the Weather Bureau, Manila, the Bulletin Météorologique of the Observatoire Central de L'Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Zi-Ka-Wei Observatory and the met. logs of the Japanese merchant marine.

Station	Taihoku	Naha	Nagasaki	Siomisaki	Kobe	Tyosi	Hatidyosima	Titizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau	
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	
Atm. Pressure (Red. to m.s.l. and Std. Gr.)	756.2	757.9	756.7	752.8	754.1	751.0	753.3	758.6	750.3	752.7	757.5	755.7	755.2	755.3	755.2	-	756.4	
Air Temperature (in C)	28.0	31.7	28.3	29.6	27.4	27.0	30.1	24.0	25.4	18.3	18.2	29.3	23.9	22.1	22.1	-	27.1	
Direction and Force of Winds (0-12)	W 2	S 4	SE 2	WNW 6	W 5	S 6	SW 7	SSW 4	calm	calm	SSE 6	calm	N 2	S 3	NW 4	-	NNW 2	
Weather	fair	fair	cloudy	fair	fair	cloudy	cloudy	clear	rain	rain	cloudy	rain	fair	clear	cloudy	-	cloudy	
Station	Shanghai	Hankow	Rusa	Palau	Hongkong	Manila	Surigao	Goram	Yap	Phu-Lien	Cap-S-Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak	
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	14 ^h	14 ^h	14 ^h	14 ^h	14 ^h	10 ^h	10 ^h	20 ^h	18 : 30 ^h	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W	
Atm. Pressure (Red. to m.s.l. and Std. Gr.)	754.6	752.0	760.1	758.3	757.4	* 757.9	* 758.0	* 758.3	* 759.1	* 756.1	* 760.9	763.0	762.5	748.3	755.4	751.3	744.7	
Air Temperature (in C)	26.4	33.0	30.3	28.9	29.	31.	30.	-	-	32.	26.	26.	26.	17.	13.	10.	11.	
Direction and Force of Winds (0-12)	NNE 5	S 1	W 1	WNW 3	S 4	WSW 3	WNW 2	NE 2	W 5	SSW 2	W 2	E 1	E 2	NE 1	SW -	calm	N -	
Weather	rain	fair	fair	fair	cloudy	fair	clear	rain	clear	cloudy	clear	fair	fair	clear	cloudy	cloudy	cloudy	fair

日 一 月 九 年 二 十 正 大

圖 氣 天 洋 平 大 北

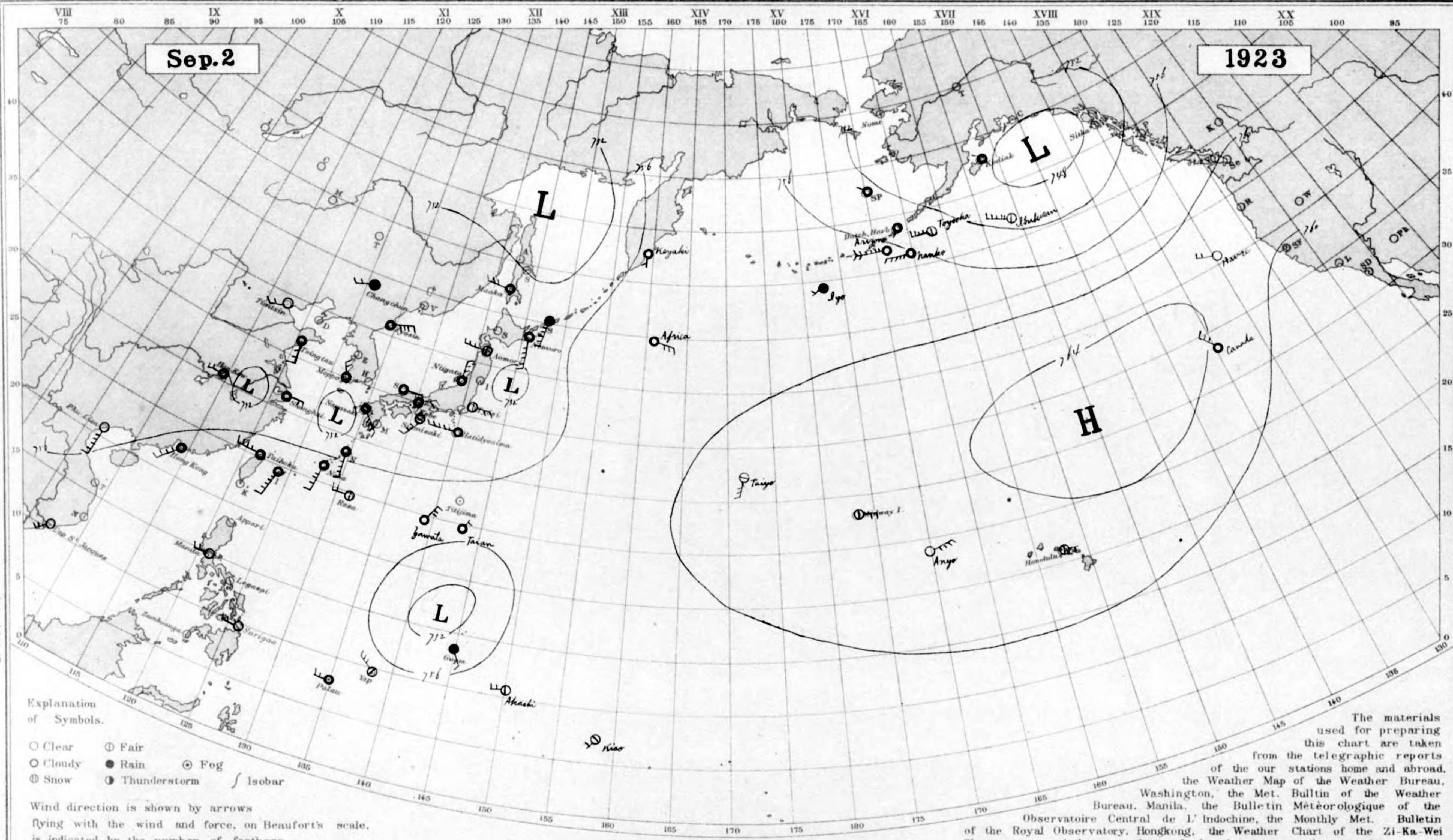
號 四 十 四 第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 245



印 行 人 報 行 所
總 戶 市 中 山 手 通 七 丁 目
洋 氣 象 臺

Explanation of Symbols.

○ Clear ⊙ Fair
 ○ Cloudy ● Rain ⊙ Fog
 ⊙ Snow ⊙ Thunderstorm / Isobar

Wind direction is shown by arrows flying with the wind and force, on Beaufort's scale. is indicated by the number of feathers.

The materials used for preparing this chart are taken from the telegraphic reports of our stations home and abroad, the Weather Map of the Weather Bureau, Washington, the Met. Bulletin of the Weather Bureau, Manila, the Bulletin Météorologique of the Observatoire Central de L'Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Zi-Ka-Wei Observatory and the met. logs of the Japanese merchant marine.

Station	Taihoku	Naha	Nagasaki	Siomsaki	Kobe	Tyosi	Hatidyosima	Titizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E
Atm. Pressure (Red to m.s.l. and Sird Gr) * not reduced to Sird Gr	756.8	757.0	752.6	754.6	754.8	753.6	754.1	-	755.3	754.5	752.3	753.1	753.4	756.2	754.1	755.5	755.3
Air Temperature (in C)	31.9	31.0	25.9	29.2	28.4	28.2	29.4	-	27.4	26.4	22.3	17.0	23.3	23.3	20.2	25.8	26.0
Direction and Force of Winds (0-12)	W 4	SSW 4	SE 4	SW 3	ESE 2	E 2	W 5	-	N 3	WNW 3	S 5	WNW 3	NNW 2	ENE 4	WSW 2	WSW 2	S 3
Weather	cloudy	cloudy	cloudy	fair	cloudy	fair	cloudy	-	cloudy	fair	cloudy	cloudy	cloudy	cloudy	rain	clear	cloudy
Station	Shanghai	Hankow	Rasa	Palau	Hongkong	Manila	Surigao	Guam	Yap	Phu-Lien	Cap-S-Jacques	Honolulu	Midway I	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	14 ^h	14 ^h	14 ^h	14 ^h	14 ^h	10 ^h	10 ^h	20 ^h	18:30 ^h	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W
Atm. Pressure (Red to m.s.l. and Sird Gr) * not reduced to Sird Gr	754.7	753.0	758.9	757.7	757.4	757.7	757.4	754.8	759.3	756.3	760.8	763.0	762.0	-	-	754.9	748.3
Air Temperature (in C)	29.6	29.0	36.4	28.7	30.	31.	30.	-	27.	32.	27.	26.	26.	-	-	10.	12.
Direction and Force of Winds (0-12)	E 2	W 2	W 2	W 2	SW 4	W 2	WNW 2	SSE 2	NW 3	S 5	SW 2	E 1	E 2	-	-	SW -	NW -
Weather	cloudy	cloudy	fair	cloudy	cloudy	fair	clear	rain	fair	clear	fair	fair	fair	-	-	cloudy	cloudy

日 二 月 九 年 二 十 正 大

圖 氣 天 洋 平 大 北

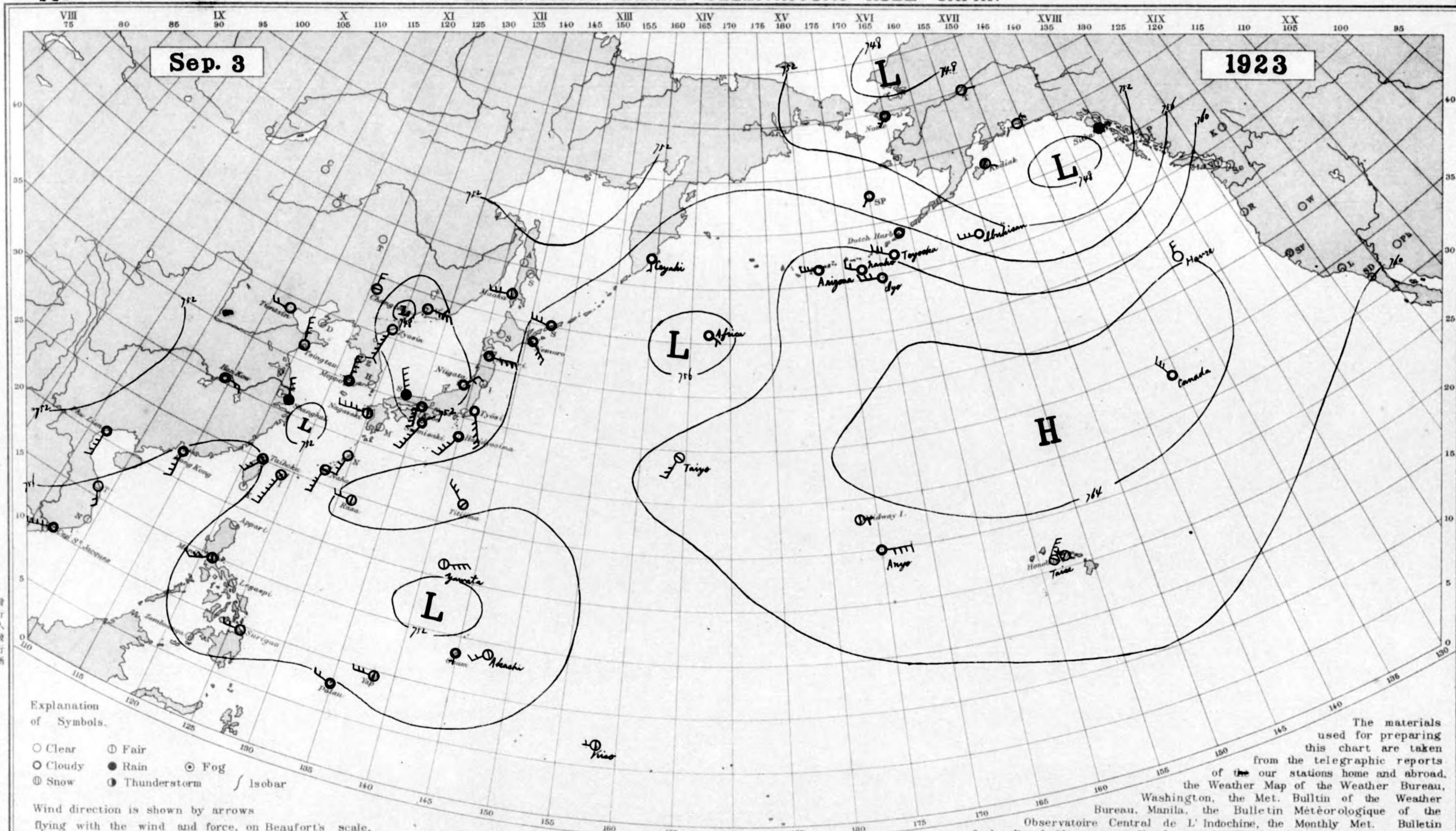
號 五 十 四 百 二 第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 246



印 發
明 人 發 行 所
神 戶 市 中 山 手 通 七 丁 目
海 洋 氣 象 臺

Explanation of Symbols.

- Clear
- Cloudy
- ⊙ Snow
- ⊙ Fair
- Rain
- ⊙ Fog
- ⊙ Thunderstorm
- Isobar

Wind direction is shown by arrows flying with the wind and force, on Beaufort's scale. is indicated by the number of feathers.

The materials used for preparing this chart are taken from the telegraphic reports of our stations home and abroad, the Weather Map of the Weather Bureau, Washington, the Met. Bulletin of the Weather Bureau, Manila, the Bulletin Météorologique of the Observatoire Central de L'Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Zi-Ka-Wei Observatory and the met. logs of the Japanese merchant marine.

Station	Taihoku	Naha	Nagasaki	Siomisaki	Kobe	Tyosi	Hatidyosima	Titi zima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 ^h , 135 ^E	12 ^h , 135 ^E	12 ^h , 135 ^E	12 ^h , 135 ^E	12 ^h , 135 ^E	12 ^h , 135 ^E	12 ^h , 135 ^E	12 ^h , 135 ^E	12 ^h , 135 ^E	12 ^h , 135 ^E	12 ^h , 135 ^E	12 ^h , 135 ^E	12 ^h , 135 ^E	12 ^h , 135 ^E	12 ^h , 135 ^E	12 ^h , 135 ^E	12 ^h , 135 ^E
Atm. Pressure (Red to m.s.l. and Std Gr.)	756.0	755.7	753.6	752.7	751.6	754.4	755.3	756.7	751.6	754.0	757.0	755.0	754.0	749.8	752.8	755.5	754.3
Air Temperature (in C)	32.0	31.3	28.5	28.6	27.3	28.4	30.1	30.2	27.0	26.8	21.5	21.0	23.4	23.4	17.9	26.4	26.1
Direction and Force of Winds (0-12)	SW 3	SSW 4	W 4	SW 5	S 5	SSE 5	SW 4	NW 3	NE 2	E 4	SE 3	W 3	N 4	SSW 7	N 2	W 2	NNW 4
Weather	fair	fair	fair	cloudy	cloudy	cloudy	cloudy	fair	cloudy	cloudy	cloudy	fair	cloudy	clear	fair	clear	clear
Station	Shanghai	Hankow	Rasa	Palau	Hongkong	Manila	Surigao	Guam	Yap	Phu-Lien	Cap-S-Jacques	Honolulu	Midway L.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135 ^E	12 ^h , 135 ^E	12 ^h , 135 ^E	12 ^h , 135 ^E	14 ^h	14 ^h	14 ^h	14 ^h	14 ^h	10 ^h	10 ^h	20 ^h	18:30 ^h	20 ^h , 135 ^W	20 ^h , 135 ^W	20 ^h , 135 ^W	20 ^h , 135 ^W
Atm. Pressure (Red to m.s.l. and Std Gr.)	752.2	755.6	758.2	756.6	756.5	757.1	757.3	753.8	756.9	755.7	760.6	762.0	763.5	749.8	748.3	756.9	748.8
Air Temperature (in C)	26.8	27.0	30.5	29.0	30.	29.	31	-	31.	31.	28.	24.	26.	14.	12.	10.	12.
Direction and Force of Winds (0-12)	NNW 3	E 2	W 2	WNW 2	S 4	WSW 3	W 2	S 1	W 3	S 4	WSW 4	NW 1	E 1	SW 1	E -	calm	SE -
Weather	rain	cloudy	fair	cloudy	cloudy	fair	clear	cloudy	fair	cloudy	cloudy	fair	fair	cloudy	rain	cloudy	fair

日 三 月 九 年 二 十 正 大

圖 氣 天 洋 平 大 北

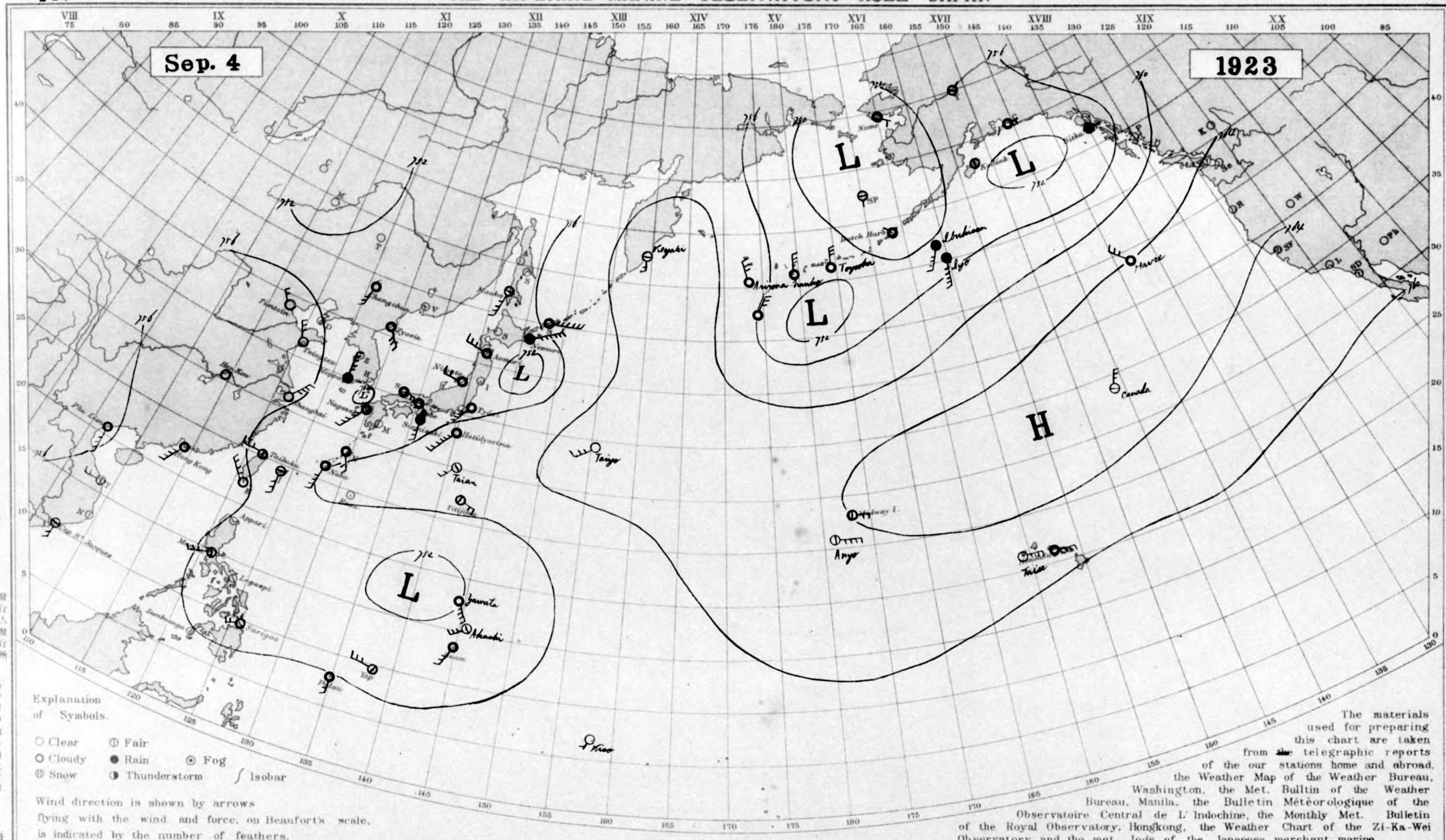
號 六 十 四 百 一 第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 247



Explanation of Symbols.

- Clear
- Cloudy
- ⊙ Snow
- Fair
- Rain
- ⊙ Thunderstorm
- Isobar

Wind direction is shown by arrows flying with the wind and force, on Beaufort's scale, is indicated by the number of feathers.

The materials used for preparing this chart are taken from telegraphic reports of our stations home and abroad, the Weather Map of the Weather Bureau, Washington, the Met. Bulletin of the Weather Bureau, Manila, the Bulletin Météorologique of the Observatoire Central de L'Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Zi-Ka-Wei Observatory and the met. logs of the Japanese merchant marine.

Station	Taihoku	Naha	Nagasaki	Siomisaki	Kobe	Tyosi	Hatidyosima	Titizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E
Atm. Pressure (Red to m.s.l. and Std Gr. * not reduced to Std Gr.)	755.5	755.9	752.9	755.5	755.2	755.6	757.1	757.5	756.5	756.3	753.6	753.7	754.8	757.0	755.4	756.7	756.4
Air Temperature (in C)	31.2	29.9	25.9	26.2	30.0	27.4	29.0	31.0	27.8	26.0	16.2	21.2	29.3	22.1	20.2	21.6	25.8
Direction and Force of Winds (0-12)	W 3	SSW 4	SW 5	S 3	SE 2	SW 5	SW 6	ESE 2	WNW 2	WNW 3	KNE 7	SSW 4	N 5	SSE 3	SSW 3	NW 2	NNW 3
Weather	fair	cloudy	cloudy	rain	cloudy	cloudy	cloudy	fair	cloudy	cloudy	rain	fair	rain	cloudy	cloudy	clear	clear

Station	Shanghai	Hankow	Rasa	Palau	Hongkong	Manila	Surigao	Guam	Yap	Phu-Lien	Cap-S-Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	14 ^h	14 ^h	14 ^h	14 ^h	14 ^h	10 ^h	10 ^h	20 ^h	18 : 30 ^h	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W
Atm. Pressure (Red to m.s.l. and Std Gr. * not reduced to Std Gr.)	756.5	756.8	-	757.1	756.5	756.8	757.2	754.0	756.4	756.3	760.2	760.5	764.0	749.8	753.4	749.3	752.8
Air Temperature (in C)	29.0	30.0	-	27.3	30.	31.	31.	-	29.	29.	27.	26.	26.	13.	13.	9.	11.
Direction and Force of Winds (0-12)	NE 4	calm	-	S 2	SW 4	WSW 3	WSW 2	SW 3	WNW 3	S 4	S 2	E 3	E 2	SE 1	E -	NW -	calm
Weather	clear	clear	-	cloudy	cloudy	fair	clear	cloudy	fair	cloudy	fair	cloudy	fair	cloudy	rain	cloudy	fair

日 四 月 九 年 十 正 大

圖 氣 天 洋 平 大 北

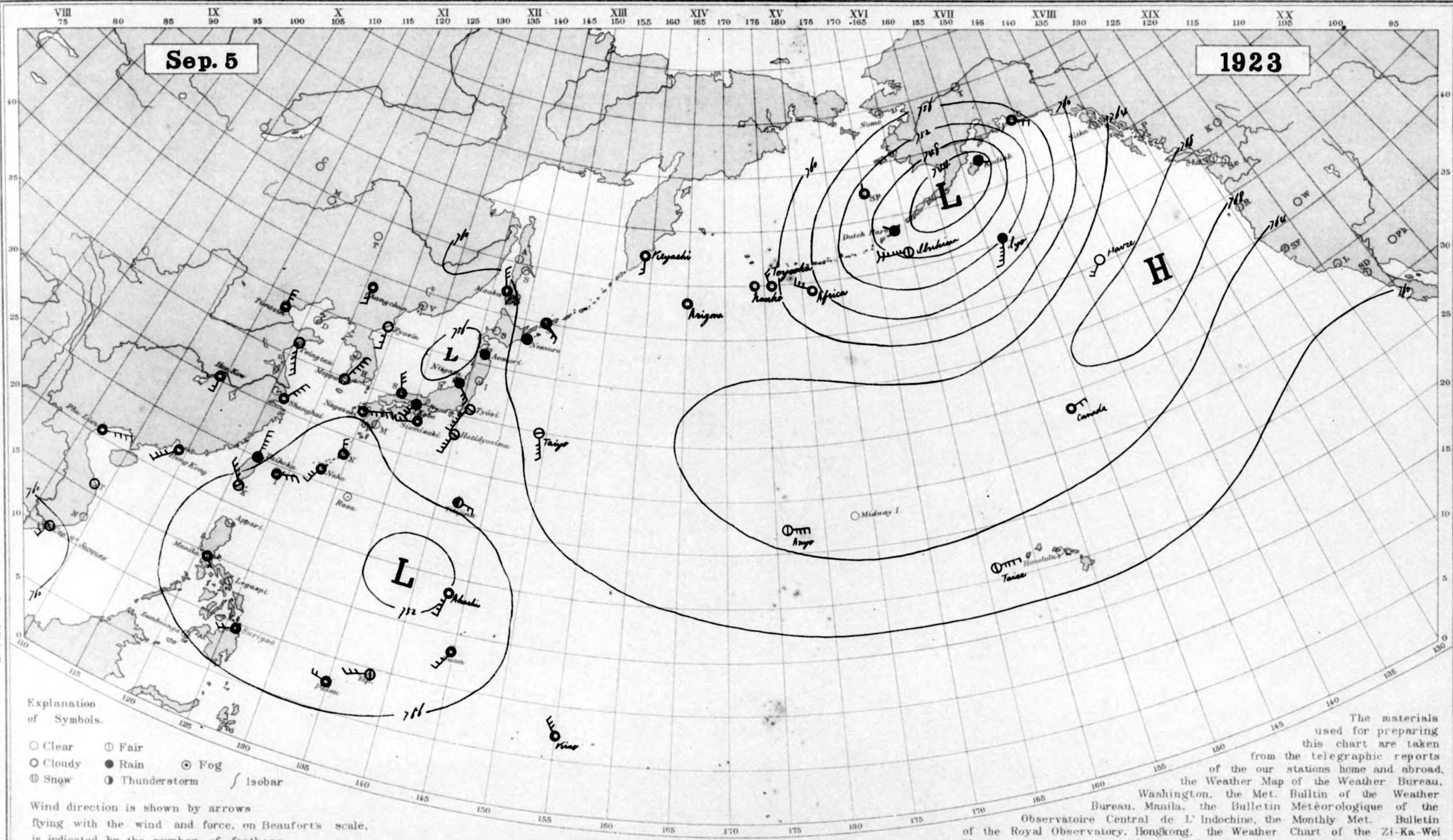
號 七 十 四 百 二 第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 248



印 刷 行 所
總 發 行 所
海 軍 省 中 山 手 通 七 丁 目

Explanation of Symbols.

○ Clear ⊙ Fair
 ○ Cloudy ● Rain ⊙ Fog
 ⊙ Snow ⊙ Thunderstorm / Isobar

Wind direction is shown by arrows flying with the wind and force, on Beaufort's scale, is indicated by the number of feathers.

The materials used for preparing this chart are taken from the telegraphic reports of our stations home and abroad, the Weather Map of the Weather Bureau, Washington, the Met. Bulletin of the Weather Bureau, Manila, the Bulletin Météorologique of the Observatoire Central de L'Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Zi-Ka-Wei Observatory and the met. logs of the Japanese merchant marine.

Station	Taihoku	Naha	Nagasaki	Siomisaki	Kobe	Tyosi	Hatidyosima	Titi zima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E
Atm. Pressure* (Red to m.s.l. and Srd Gr. * not reduced to Srd Gr.)	756.4	755.5	756.2	757.5	757.7	757.3	758.7	756.2	756.4	756.2	760.1	759.9	757.9	759.3	758.4	758.4	758.5
Air Temperature (in C)	28.7	30.9	28.9	28.1	27.2	28.6	30.0	26.1	22.2	21.1	16.8	19.0	28.6	24.3	28.6	23.0	26.8
Direction and Force of Winds (0-12)	N 5	SSW 3	ENE 5	WSW 3	SW 3	SSW 6	SSW 4	ESE 2	SE 3	calm	calm	NNW 3	NNE 5	S 3	S 2	N 3	SSE 5
Weather	rain	cloudy	cloudy	cloudy	rain	fair	fair	th.s.	rain	rain	rain	cloudy	clear	clear	cloudy	cloudy	clear
Station	Shanghai	Hankow	Rusa	Palau	Hongkong	Manila	Surigao	Guam	Yap	Phu-Lien	Cap S Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	14 ^h	14 ^h	14 ^h	14 ^h	14 ^h	10 ^h	10 ^h	20 ^h	18 : 30 ^h	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W
Atm. Pressure* (Red to m.s.l. and Srd Gr. * not reduced to Srd Gr.)	758.4	756.4	-	755.4	756.2	756.0	756.2	754.9	755.7	757.9	760.1	-	-	-	-	745.7	743.7
Air Temperature (in C)	27.0	30.0	-	28.6	30.	27.	29.	-	-	25.	27.	-	-	-	-	9.	12.
Direction and Force of Winds (0-12)	NE 4	S 2	-	WNW 2	SW 4	SE 1	WSW 2	SW 3	WSW 3	ENE 4	SSW 2	-	-	-	-	NW -	SE -
Weather	cloudy	cloudy	-	cloudy	cloudy	cloudy	cloudy	cloudy	fair	cloudy	fair	-	-	-	-	rain	rain

日 五 月 九 年 一 正 大

圖 氣 天 洋 平 大 北

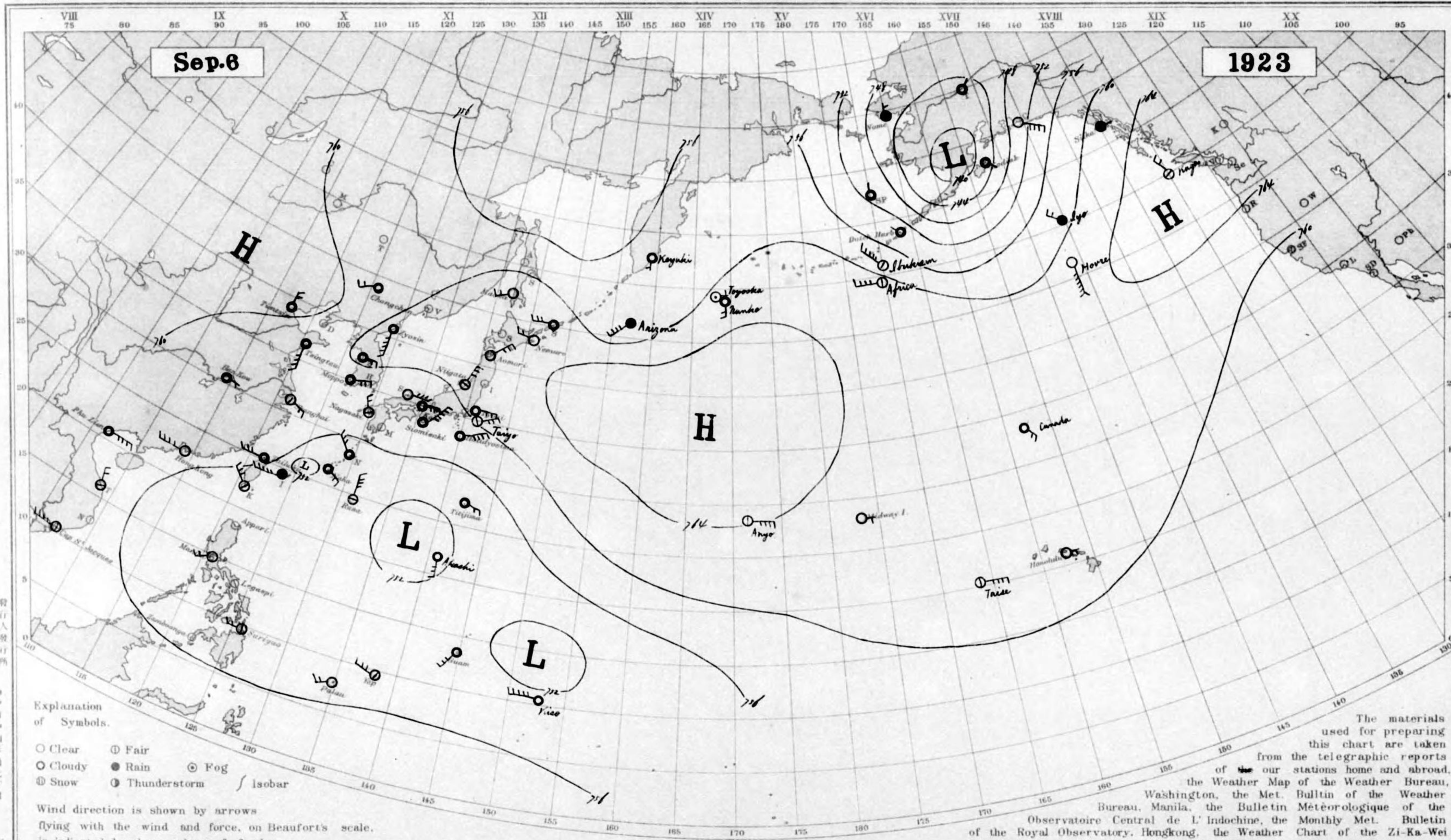
號 八 十 四 第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 249



Explanation of Symbols.

- Clear
- Cloudy
- ⊙ Snow
- ⊙ Fair
- Rain
- ⊙ Fog
- ⊙ Thunderstorm
- Isobar

Wind direction is shown by arrows flying with the wind and force, on Beaufort's scale. is indicated by the number of feathers.

The materials used for preparing this chart are taken from the telegraphic reports of our stations home and abroad, the Weather Map of the Weather Bureau, Washington, the Met. Bulltin of the Weather Bureau, Manila, the Bulletin Météorologique of the Observatoire Central de L'Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Zi-Ka-Wei Observatory and the met. logs of the Japanese merchant marine.

Station	Taihoku	Naha	Nagasaki	Siomisaki	Kôbe	Tyosû	Hatidyosima	Titizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E
Atm. Pressure (Red. to m.s.l. and Std. Gr.)	756.3	755.0	758.1	759.5	759.5	761.7	759.7	755.4	761.0	763.0	763.3	762.7	758.0	761.5	758.8	762.1	759.1
Air Temperature (in C)	29.4	28.9	29.1	26.6	30.6	27.4	29.0	27.6	28.1	26.4	22.3	19.0	28.5	22.8	14.6	19.	26.4
Direction and Force of Winds (0-12)	W 3	ESE 2	NNW 2	NE 5	E 4	E 3	ENE 4	ESE 2	NNE 3	NE 3	WNW 2	WSW 2	ENE 3	S 5	WSW 2	N 2	S 4
Weather	cloudy	cloudy	fair	cloudy	cloudy	cloudy	cloudy	cloudy	fair	clear	clear	clear	cloudy	cloudy	cloudy	cloudy	cloudy
Station	Shanghai	Hankow	Rasa	Phlau	Hongkong	Manila	Surigao	Guam	Yap	Phu-Lien	Cap-S-Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	14 ^h	14 ^h	14 ^h	14 ^h	14 ^h	10 ^h	10 ^h	20 ^h	18 : 30 ^h	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W
Atm. Pressure (Red. to m.s.l. and Std. Gr.)	757.4	756.9	755.2	755.5	756.5	755.4	755.5	754.8	755.7	757.9	759.2	761.0	762.0	744.7	763.0	752.3	740.1
Air Temperature (in C)	27.9	29.0	30.5	29.5	30.	31.	30.	-	30.	27.	27.	26.	26.	13.	12.	9.	11.
Direction and Force of Winds (0-12)	ESE 2	E 1	N 4	WSW 2	W 4	WSW 2	W 2	SW 3	WNW 3	E 4	W 4	E 1	E 1	N 1	E -	NW -	SE -
Weather	fair	cloudy	fair	clear	clear	clear	fair	cloudy	fair	cloudy	fair	clear	clear	rain	rain	cloudy	cloudy

日 六 月 九 年 十 正 大

圖 氣 天 洋 平 大 北

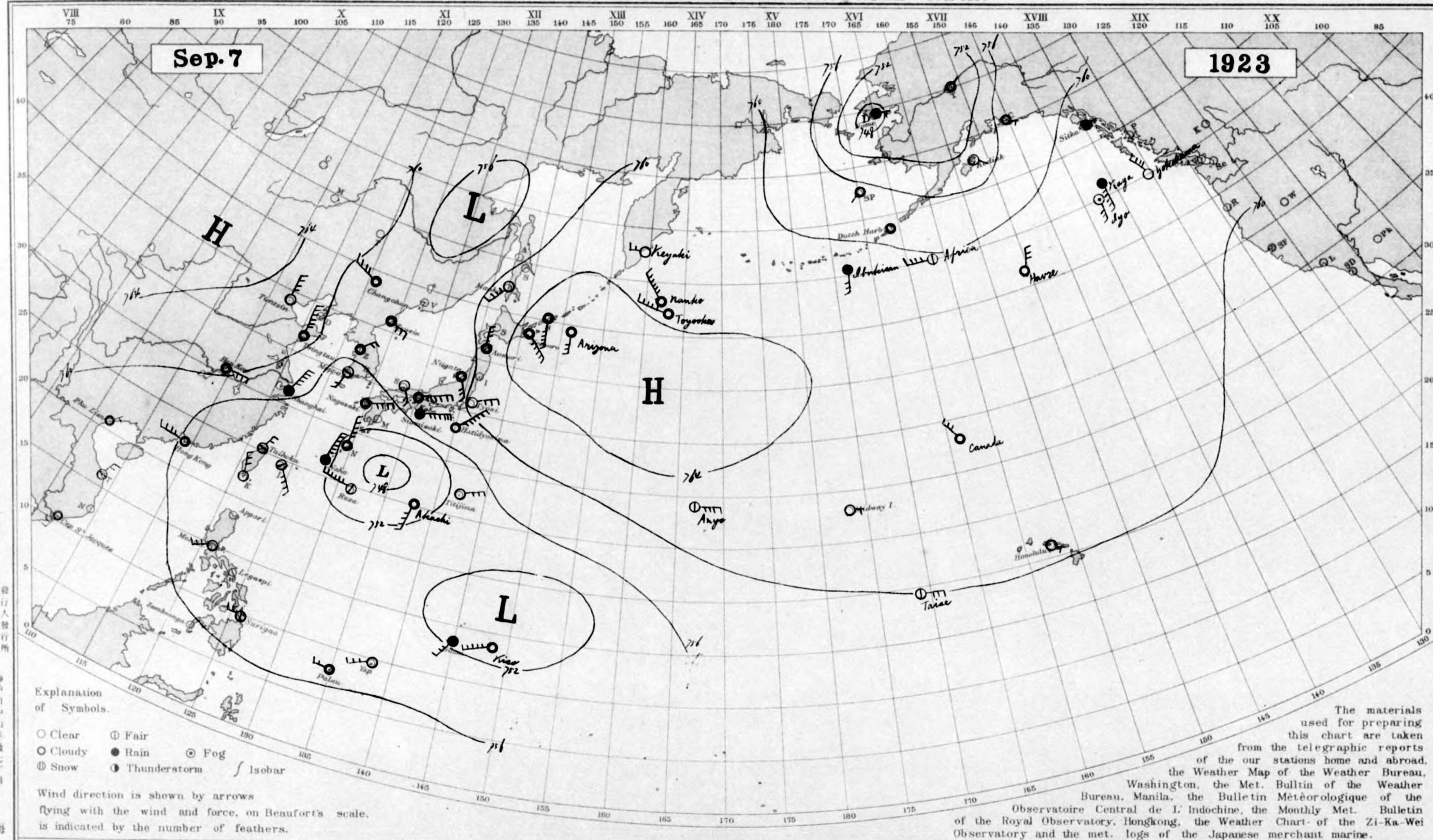
號 九 十 一 第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 250



日
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Explanation of Symbols.

- Clear
- ⊙ Fair
- ☁ Cloudy
- Rain
- ☁ Fog
- ⊙ Snow
- ⚡ Thunderstorm
- Isobar

Wind direction is shown by arrows flying with the wind and force, on Beaufort's scale, is indicated by the number of feathers.

The materials used for preparing this chart are taken from the telegraphic reports of the our stations home and abroad, the Weather Map of the Weather Bureau, Washington, the Met. Bulletin of the Weather Bureau, Manila, the Bulletin Météorologique of the Observatoire Central de L'Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Zi-Ka-Wei Observatory and the met. logs of the Japanese merchant marine.

Station	Taihoku	Naha	Nagasaki	Siomisaki	Kobe	Tyosi	Hatidyosima	Titizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsan	Tsingtau
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E
Atm. Pressure (Red. to m.s.l. and Std. Gr.)	754.8	752.3	754.8	757.0	757.7	760.3	757.5	752.9	759.0	760.4	764.4	760.5	755.6	757.1	758.8	763.7	760.2
Air Temperature (in C)	29.4	26.8	26.8	25.2	27.5	28.6	28.3	30.1	31.5	25.7	19.6	22.2	29.8	20.9	17.3	23.	23.4
Direction and Force of Winds (0-12)	NNE 2	NNE 6	ENE 4	ENE 6	ENE 6	ENE 3	NE 6	ENE 3	SSE 3	N 3	SE 5	SW 4	SSW 2	ESE 2	WNW 4	N 4	N 6
Weather	fair	rain	cloudy	rain	cloudy	clear	cloudy	clear	cloudy	cloudy	cloudy	clear	fair	cloudy	cloudy	clear	cloudy
Station	Shanghai	Hankow	Rasa	Palau	Hongkong	Manila	Surigao	Guam	Yap	Phu-Lien	Cap-S-Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	14 ^h	14 ^h	14 ^h	14 ^h	14 ^h	10 ^h	10 ^h	20 ^h	18 : 30 ^h	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W
Atm. Pressure (Red. to m.s.l. and Std. Gr.)	757.4	760.5	751.5	755.7	755.9	* 755.1	* 755.6	* 753.2	* 755.4	* 759.6	* 758.8	760.5	762.0	747.8	760.5	758.9	752.3
Air Temperature (in C)	26.2	27.0	29.7	28.4	30.	31.	31.	-	-	27.	27.	26.	26.	13.	12.	9.	10.
Direction and Force of Winds (0-12)	NNE 5	E 3	WNW 6	W 2	W 4	WSW 3	W 2	SW 3	WSW 3	NE 1	SSW 2	SE 1	E 1	E 1	E -	calm	SE -
Weather	rain	cloudy	fair	cloudy	cloudy	clear	fair	rain	clear	cloudy	cloudy	clear	clear	rain	rain	cloudy	clear

日七月九年十正大

圖氣天洋平大北

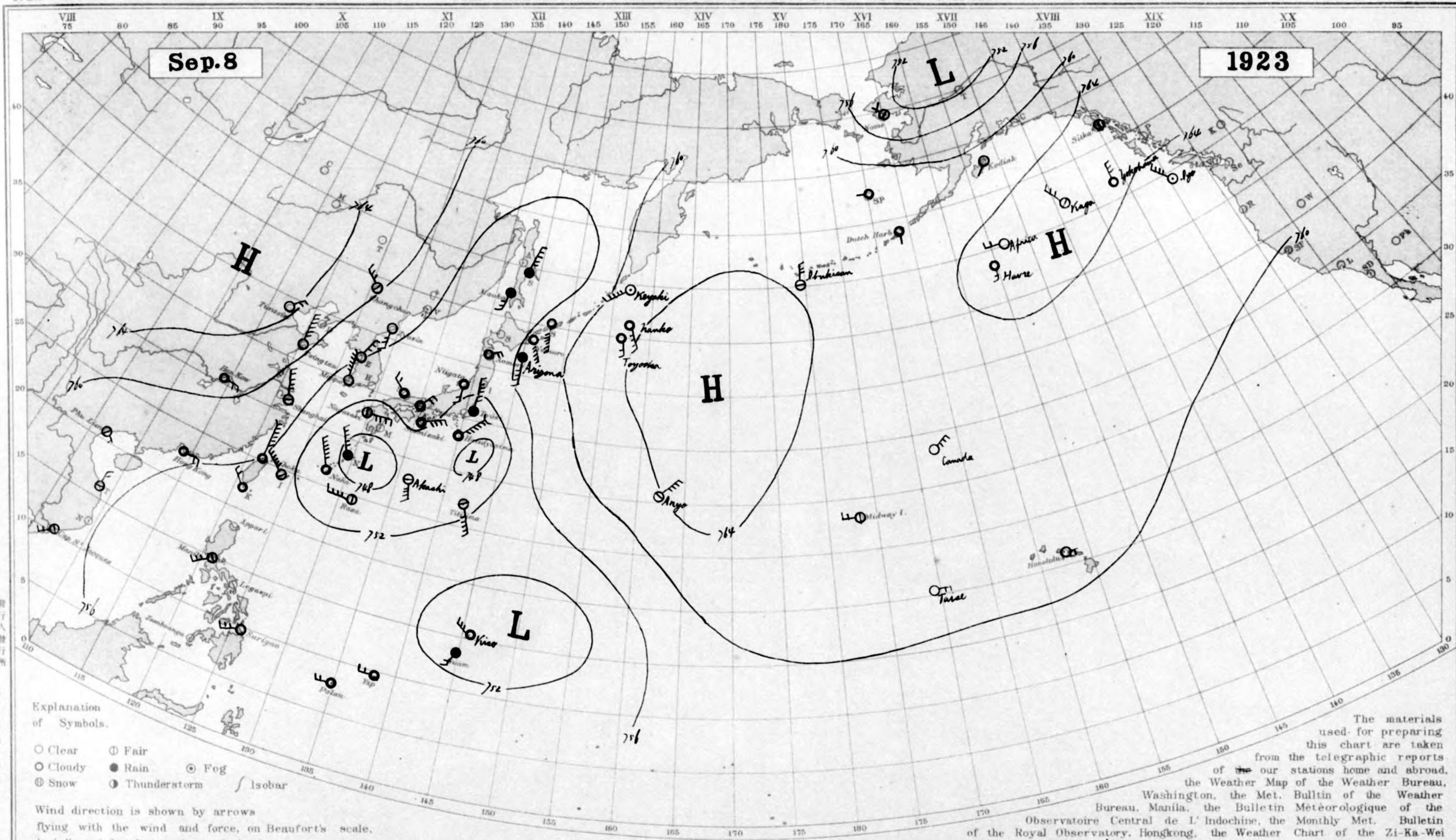
號十五百一第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 251



Explanation of Symbols.

- Clear
- ⊙ Fair
- ☁ Cloudy
- Rain
- ⊙ Fog
- ⊙ Snow
- ⊙ Thunderstorm
- Isobar

Wind direction is shown by arrows flying with the wind and force, on Beaufort's scale, is indicated by the number of feathers.

The materials used for preparing this chart are taken from the telegraphic reports of our stations home and abroad, the Weather Map of the Weather Bureau, Washington, the Met. Bulletin of the Weather Bureau, Manila, the Bulletin Météorologique of the Observatoire Central de L'Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Observatory and the met. logs of the Japanese merchant marine.

Station	Taihoku	Naha	Nagasaki	Siemisaki	Kobe	Tyosi	Haidyosima	Titi zima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 ^h , 135 ^E	12 ^h , 135 ^E	12 ^h , 135 ^E	12 ^h , 135 ^E	12 ^h , 135 ^E	12 ^h , 135 ^E	12 ^h , 135 ^E	12 ^h , 135 ^E	12 ^h , 135 ^E	12 ^h , 135 ^E	12 ^h , 135 ^E	12 ^h , 135 ^E	12 ^h , 135 ^E	12 ^h , 135 ^E	12 ^h , 135 ^E	12 ^h , 135 ^E	12 ^h , 135 ^E
Atm. Pressure* (Red. to m.s.l. and Strd. Gr.)	756.0	749.6	751.2	752.4	752.7	750.9	749.8	751.6	752.5	753.0	756.6	752.1	754.8	757.5	760.0	764.2	760.7
Air Temperature (in C)	27.8	28.9	28.3	27.4	30.1	24.6	28.1	30.1	31.5	26.4	20.4	18.6	26.3	23.0	21.7	25.	25.2
Direction and Force of Winds (0-12)	N 7	NNW 6	E 4	ENE 4	NE 2	N 6	NE 7	SSE 5	S 2	ENE 2	SSE 5	SSW 3	N 6	S 3	NW 3	NE 2	N 6
Weather	cloudy	cloudy	fair	cloudy	cloudy	rain	cloudy	fair	cloudy	cloudy	cloudy	rain	clear	clear	fair	clear	clear
Station	Shanghai	Hankow	Rasa	Palau	Hongkong	Manila	Surigao	Guam	Yap	Phu-Lien	Cap S-Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135 ^E	12 ^h , 135 ^E	12 ^h , 135 ^E	12 ^h , 135 ^E	14 ^h	14 ^h	14 ^h	14 ^h	14 ^h	10 ^h	10 ^h	20 ^h	18:30 ^h	20 ^h , 135 ^W	20 ^h , 135 ^W	20 ^h , 135 ^W	20 ^h , 135 ^W
Atm. Pressure* (Red. to m.s.l. and Strd. Gr.)	758.6	762.3	749.2	754.9	756.0	754.9	754.6	753.0	755.4	758.4	759.1	761.0	760.5	753.4	764.5	761.5	760.5
Air Temperature (in C)	26.4	24.0	29.8	28.4	27.	32	31.	-	-	30.	27.	26.	26.	10.	11.	10.	-
Direction and Force of Winds (0-12)	NNE 5	E 2	W 4	W 2	E 2	SW 3	WSW 3	SW 2	W 2	SE 1	SW 2	E 1	W 2	NW 1	calm	S -	SW -
Weather	fair	cloudy	fair	cloudy	cloudy	fair	clear	rain	cloudy	fair	fair	clear	fair	fair	fair	cloudy	clear

日八月九年二十正

圖氣天洋平大北

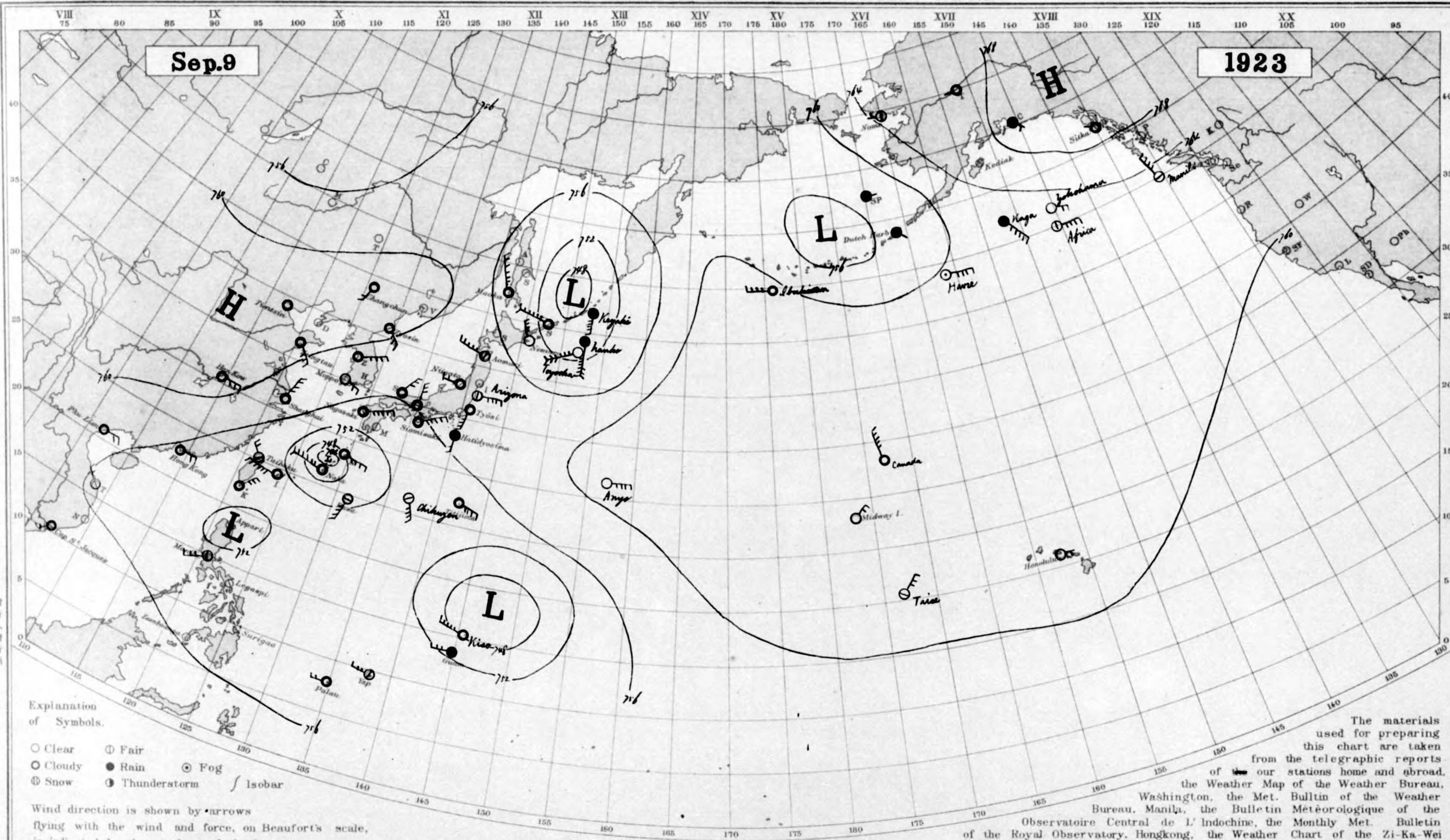
號一三五第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 252



Explanation of Symbols.

- Clear
- ☉ Fair
- ☁ Cloudy
- ☂ Rain
- ☁ Fog
- ❄ Snow
- ⚡ Thunderstorm
- Isobar

Wind direction is shown by arrows flying with the wind and force, on Beaufort's scale, is indicated by the number of feathers.

The materials used for preparing this chart are taken from the telegraphic reports of our stations home and abroad, the Weather Map of the Weather Bureau, Washington, the Met. Bulletin of the Weather Bureau, Manila, the Bulletin Météorologique of the Observatoire Central de L'Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Zi-Ka-Wei Observatory and the met. logs of the Japanese merchant marine.

Station	Taihoku	Naha	Nagasaki	Siomisaki	Kobe	Tyosi	Hatidyosima	Titizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E
Atm. Pressure (Red to m.s.l. and Std. Gr.)	755.8	744.3	753.9	755.9	757.2	757.1	757.5	754.6	760.5	758.7	752.4	753.6	757.1	761.8	760.9	762.7	760.3
Air Temperature (in C)	26.4	27.0	26.7	24.6	28.0	29.0	24.9	30.6	26.3	23.8	20.6	14.1	21.9	21.9	22.8	24.0	22.4
Direction and Force of Winds (0-12)	NW 2	WNW 7	ENE 5	ENE 5	N 3	SSW 5	S 2	ESE 4	WNW 2	WNW 5	NNW 5	NNW 6	ESE 2	SE 3	SSW 2	calm	SE 3
Weather	fair	cloudy	cloudy	cloudy	cloudy	cloudy	rain	cloudy	cloudy	fair	clear	cloudy	clear	cloudy	cloudy	cloudy	cloudy
Station	Shanghai	Hankow	Rasa	Palau	Hongkong	Manila	Surigao	Guam	Yap	Phu-Lien	Cap ^s -Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	14 ^h	14 ^h	14 ^h	14 ^h	14 ^h	10 ^h	10 ^h	20 ^h , 135 W	18 : 30 ^h	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W
Atm. Pressure (Red to m.s.l. and Std. Gr.)	757.8	762.2	751.0	754.4	755.9	* 753.7	*	* 751.2	* 754.8	* 757.5	* 758.0	762.0	760.5	764.5	770.1	757.4	-
Air Temperature (in C)	26.2	24.0	30.5	29.4	29.	30.	-	-	-	30.	27.	26.	21.	8.	12.	10.	-
Direction and Force of Winds (0-12)	NNE 4	R 3	SSW 4	W 2	E 2	WSW 3	-	W 3	WNW 3	E 2	SW 2	E 1	NE 2	W 1	NW -	SE -	-
Weather	cloudy	cloudy	fair	cloudy	cloudy	fair	-	rain	fair	cloudy	cloudy	clear	clear	fair	cloudy	rain	-

日九月九年一十正

圖氣天洋平大北

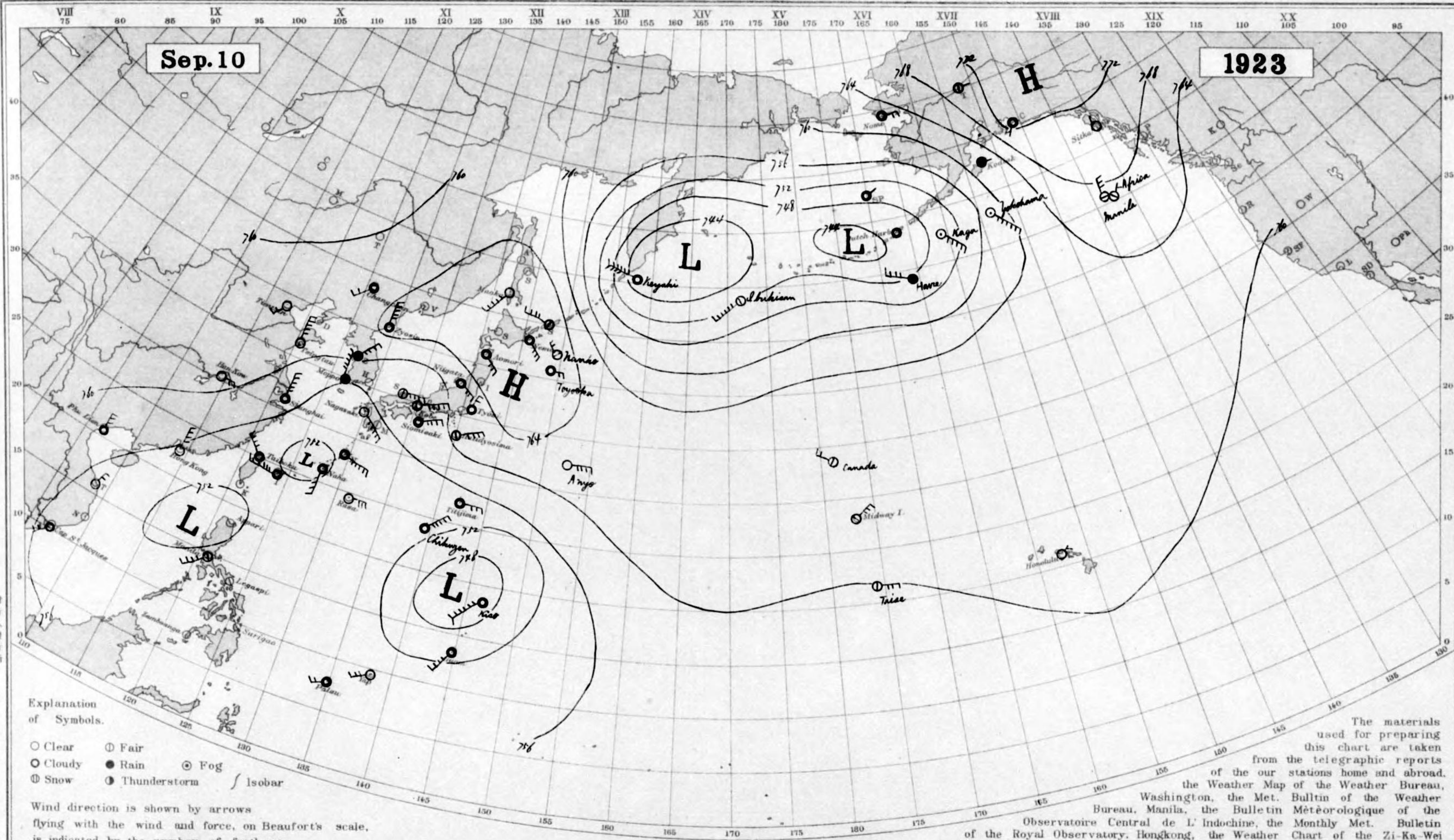
號一十五百一第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 253



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Explanation of Symbols.

- Clear
- Cloudy
- ⊙ Snow
- ⊙ Fair
- Rain
- ⊙ Fog
- ⊙ Thunderstorm
- Isobar

Wind direction is shown by arrows flying with the wind and force, on Beaufort's scale, is indicated by the number of feathers.

The materials used for preparing this chart are taken from the telegraphic reports of the our stations home and abroad, the Weather Map of the Weather Bureau, Washington, the Met. Bulletin of the Weather Bureau, Manila, the Bulletin Météorologique of the Observatoire Central de L'Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Zi-Ka-Wei Observatory and the met. logs of the Japanese merchant marine.

Station	Taihoku	Naha	Nagasaki	Siemasaki	Kobe	Tyosi	Hatidyosima	Titiizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E
Atm. Pressure (Red. to m.s.l. and Strd. Gr.)	755.3	751.4	755.6	759.0	758.7	762.1	760.3	755.4	760.6	764.5	767.4	766.2	756.2	764.1	761.0	761.3	760.5
Air Temperature (in C)	27.5	29.7	30.1	28.9	31.4	25.4	29.6	30.4	28.1	22.6	19.3	19.2	19.3	20.0	24.0	25.0	24.1
Direction and Force of Winds (0-12)	NW 4	S 4	SE 5	ENE 4	ENE 5	NNE 2	ENE 4	E 3	SE 3	SE 3	SE 3	SW 5	N 5	N 5	SW 2	SW 2	N 5
Weather	cloudy	cloudy	clear	cloudy	fair	cloudy	fair	cloudy	cloudy	cloudy	cloudy	clear	rain	cloudy	cloudy	clear	clear
Station	Shanghai	Hankow	Rasa	Palau	Houkngong	Manila	Surigao	Guam	Yap	Phu-Lien	Cap-S-Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	14 ^h	14 ^h	14 ^h	14 ^h	14 ^h	10 ^h	10 ^h	20 ^h	18 : 30 ^h	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W
Atm. Pressure (Red. to m.s.l. and Strd. Gr.)	757.3	761.7	754.3	754.0	755.9	* 753.4	* -	* 752.6	* 754.8	* 759.7	* 757.5	762.0	762.5	763.0	771.1	746.8	763.5
Air Temperature (in C)	27.1	25.0	31.1	28.7	30.	31.	-	-	-	28.	26.	26.	26.	10.	11.	11.	11.
Direction and Force of Winds (0-12)	N 5	E 2	ESE 3	WSW 2	N 4	SW 4	-	SW 4	WSW 3	N 3	SW 2	NE 1	NE 3	E 2	N -	calm	E -
Weather	cloudy	clear	fair	cloudy	clear	fair	-	cloudy	clear	cloudy	cloudy	clear	fair	cloudy	clear	cloudy	rain

日十月九年二十大

圖氣天洋平大北

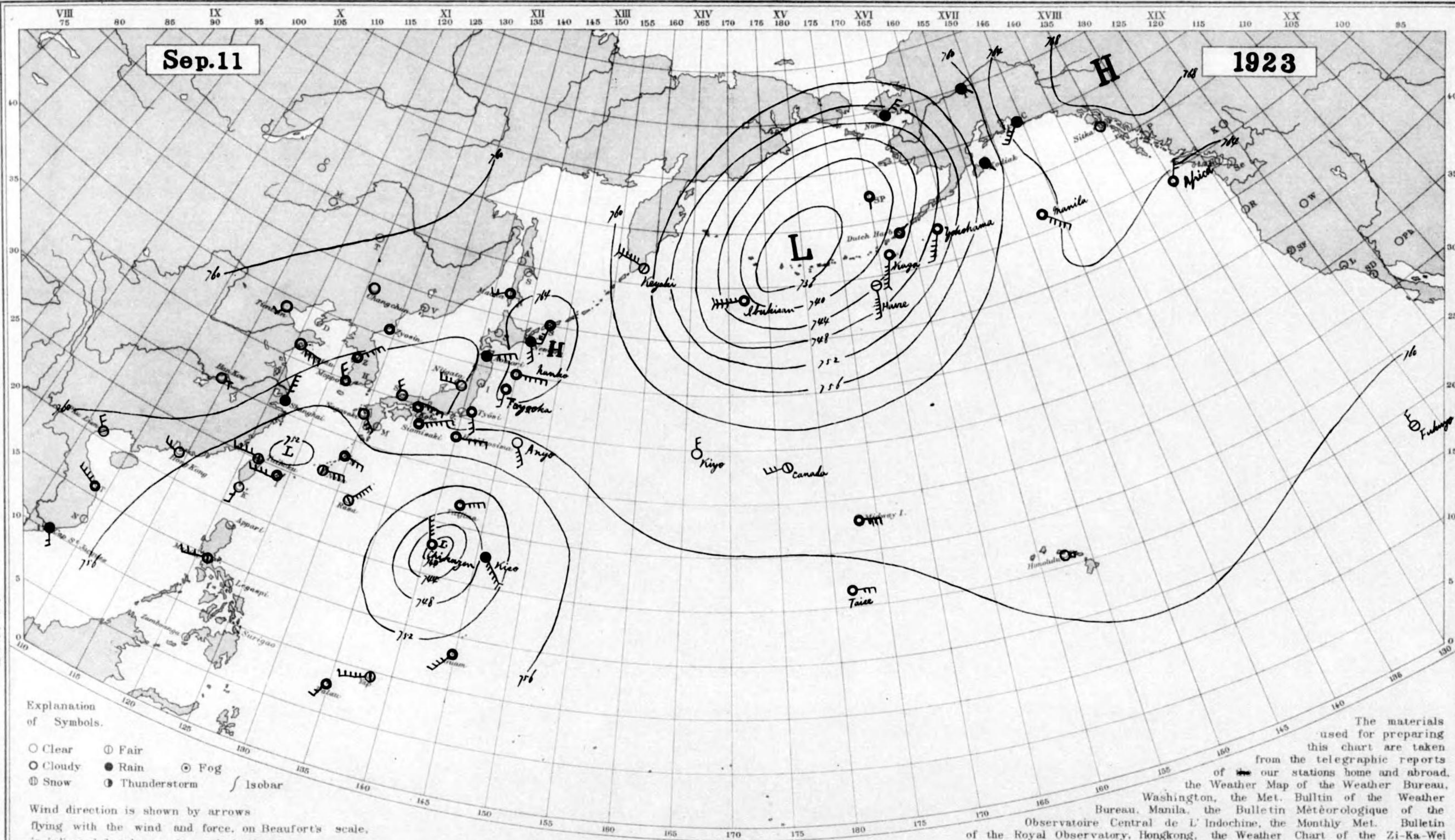
號 五十五百一第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 254



Explanation of Symbols.

- Clear
- ⊙ Fair
- ☁ Cloudy
- Rain
- ⊙ Fog
- ⊙ Snow
- ⊙ Thunderstorm
- Isobar

Wind direction is shown by arrows flying with the wind and force, on Beaufort's scale, is indicated by the number of feathers.

The materials used for preparing this chart are taken from the telegraphic reports of our stations home and abroad, the Weather Map of the Weather Bureau, Washington, the Met. Bulletin of the Weather Bureau, Manila, the Bulletin Météorologique of the Observatoire Central de L'Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Zi-Ka-Wei Observatory and the met. logs of the Japanese merchant marine.

Station	Taihoku	Naha	Nagasaki	Siomi saki	Kôbe	Tyosi	Hatidyosima	Titizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E
Atm. Pressure (Red. to m.s.l. and Std. Gr.)	754.7	754.5	757.6	759.3	759.4	760.9	759.6	750.6	759.2	760.6	765.0	763.3	757.8	763.3	761.7	762.4	761.4
Air Temperature (in C)	29.0	30.9	30.0	27.3	30.4	27.5	28.8	28.9	32.0	21.0	16.9	19.8	23.2	20.5	24.7	26.0	24.4
Direction and Force of Winds (0-12)	W 4	E 3	SE 3	ENE 6	ESE 4	SSE 3	E 4	ENE 4	W 3	ENE 4	SSE 3	WSW 2	NNW 2	calm	calm	SW 1	ESE 4
Weather	fair	fair	clear	cloudy	cloudy	cloudy	cloudy	cloudy	clear	rain	rain	cloudy	cloudy	cloudy	clear	clear	clear
Station	Shanghai	Hankow	Rasn	Palau	Hongkong	Manila	Surigao	Guam	Yap	Phu Lien	Cap S Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	14 ^h	14 ^h	14 ^h	14 ^h	14 ^h	10 ^h	10 ^h	20 ^h	18 : 30 ^h	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W
Atm. Pressure (Red. to m.s.l. and Std. Gr.)	759.3	763.0	754.5	754.7	758.9	* 754.2	*	* 754.2	* 756.2	* 760.5	* 758.5	762.5	762.5	751.3	767.1	740.1	756.4
Air Temperature (in C)	22.5	28.0	30.6	29.0	30.	31.	-	-	-	29.	25.	26.	26.	15.	11.	11.	11.
Direction and Force of Winds (0-12)	N 4	E 1	NE 5	SW 2	WNW 2	WSW 3	-	SW 4	WSW 5	NW 2	SE 2	E 1	E 3	NE 3	calm	NE -	SE -
Weather	rain	clear	fair	cloudy	clear	fair	-	cloudy	fair	fair	rain	clear	cloudy	rain	clear	cloudy	rain

日 一 月 九 年 一 正 大

圖 氣 天 洋 平 大 北

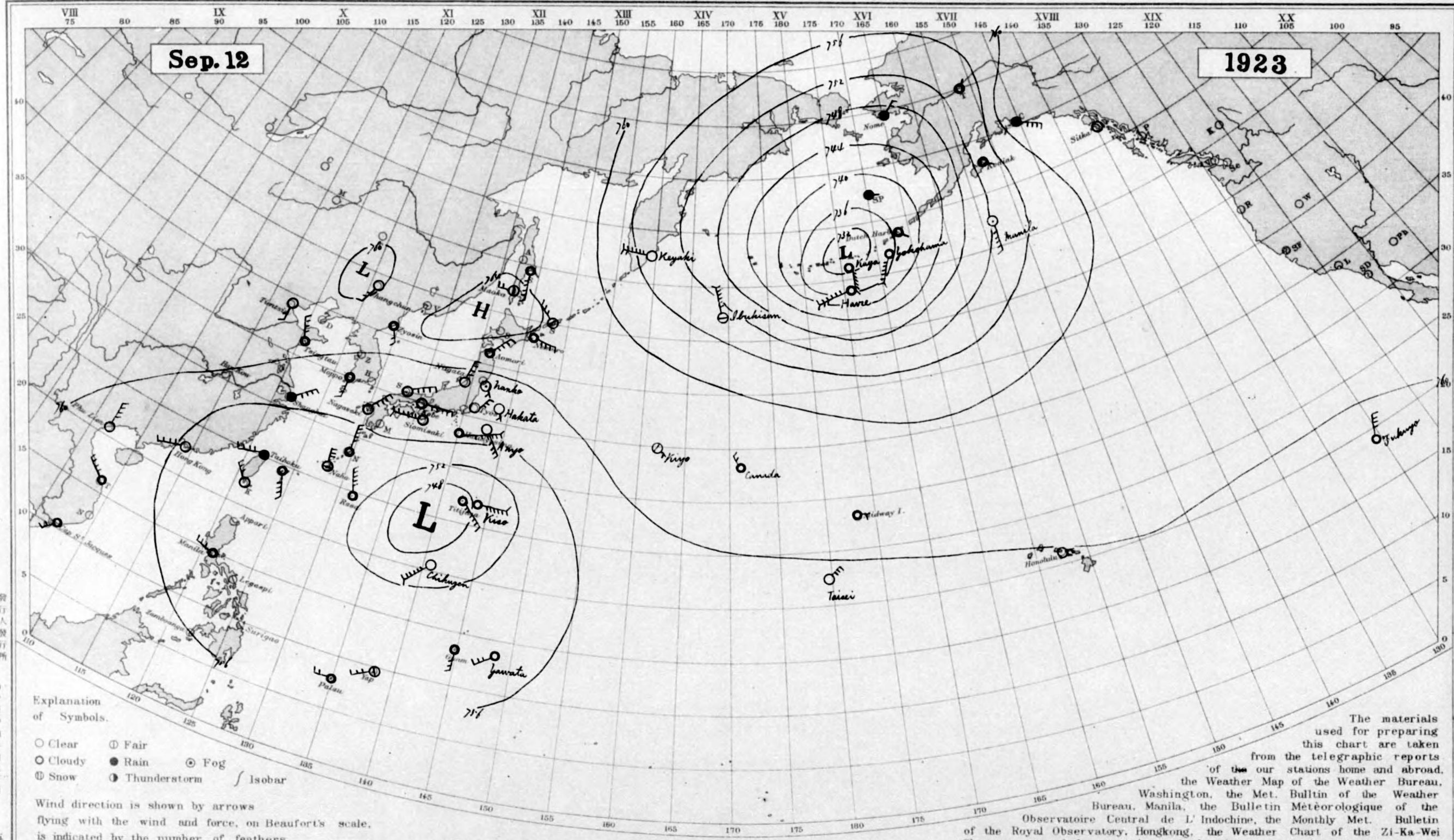
號 四 五 五 第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 255



Explanation of Symbols.

- Clear
- Fair
- Cloudy
- Rain
- ⊙ Fog
- ⊖ Snow
- ⊕ Thunderstorm
- Isobar

Wind direction is shown by arrows flying with the wind and force, on Beaufort's scale, is indicated by the number of feathers.

The materials used for preparing this chart are taken from the telegraphic reports of our stations home and abroad, the Weather Map of the Weather Bureau, Washington, the Met. Bulletin of the Weather Bureau, Manila, the Bulletin Météorologique of the Observatoire Central de L'Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Zi-Ka-Wei Observatory and the met. logs of the Japanese merchant marine.

Station	Taihoku	Naha	Nagasaki	Siomisaki	Kobe	Tyosi	Hatidyosima	Titizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E
Atm. Pressure (Red to m.s.l. and Std Gr.)	752.3	753.6	756.6	757.1	757.7	759.9	756.7	747.4	759.9	761.5	763.9	764.2	758.5	763.8	759.7	761.7	761.1
Air Temperature (in C)	23.6	29.7	30.3	27.3	30.7	27.1	28.2	29.2	28.6	18.1	19.1	29.3	21.9	21.0	26.0	24.3	
Direction and Force of Winds (0-12)	WSW 4	N 3	NE 4	W 7	E 5	NE 3	ENE 7	SE 6	NNE 4	NE 4	ESE 4	W 2	S 3	SSE 2	SSW 3	S 2	NNW 4
Weather	rain	fair	clear	clear	clear	clear	cloudy	cloudy	clear	cloudy	cloudy	fair	cloudy	cloudy	fair	clear	cloudy
Station	Shanghai	Hankow	Rasa	Palau	Hongkong	Manila	Surigao	Guam	Yap	Phu-Lien	Cap-S-Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	14 ^h	14 ^h	14 ^h	14 ^h	14 ^h	10 ^h	10 ^h	20 ^h	18:30 ^h	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W
Atm. Pressure (Red to m.s.l. and Std Gr.)	758.7	-	752.9	755.8	755.9	755.4	-	756.5	757.1	760.4	758.5	760.0	762.5	746.8	763.0	736.1	752.3
Air Temperature (in C)	24.8	-	30.2	29.1	30.	28.	-	-	-	29.	26.	26.	24.	12.	12.	10.	14.
Direction and Force of Winds (0-12)	NE 4	-	NNW 5	W 2	WSW 4	WNW 3	-	S 3	WSW 3	N 4	SW 2	E 1	E 1	NE 2	calm	SE -	SE -
Weather	rain	-	cloudy	cloudy	clear	cloudy	-	cloudy	fair	clear	cloudy	clear	cloudy	rain	clear	cloudy	cloudy

日十月九年二十正大

圖氣天洋平大北

號五十五一第

印發行人發行所

神戸市中山手通七丁目

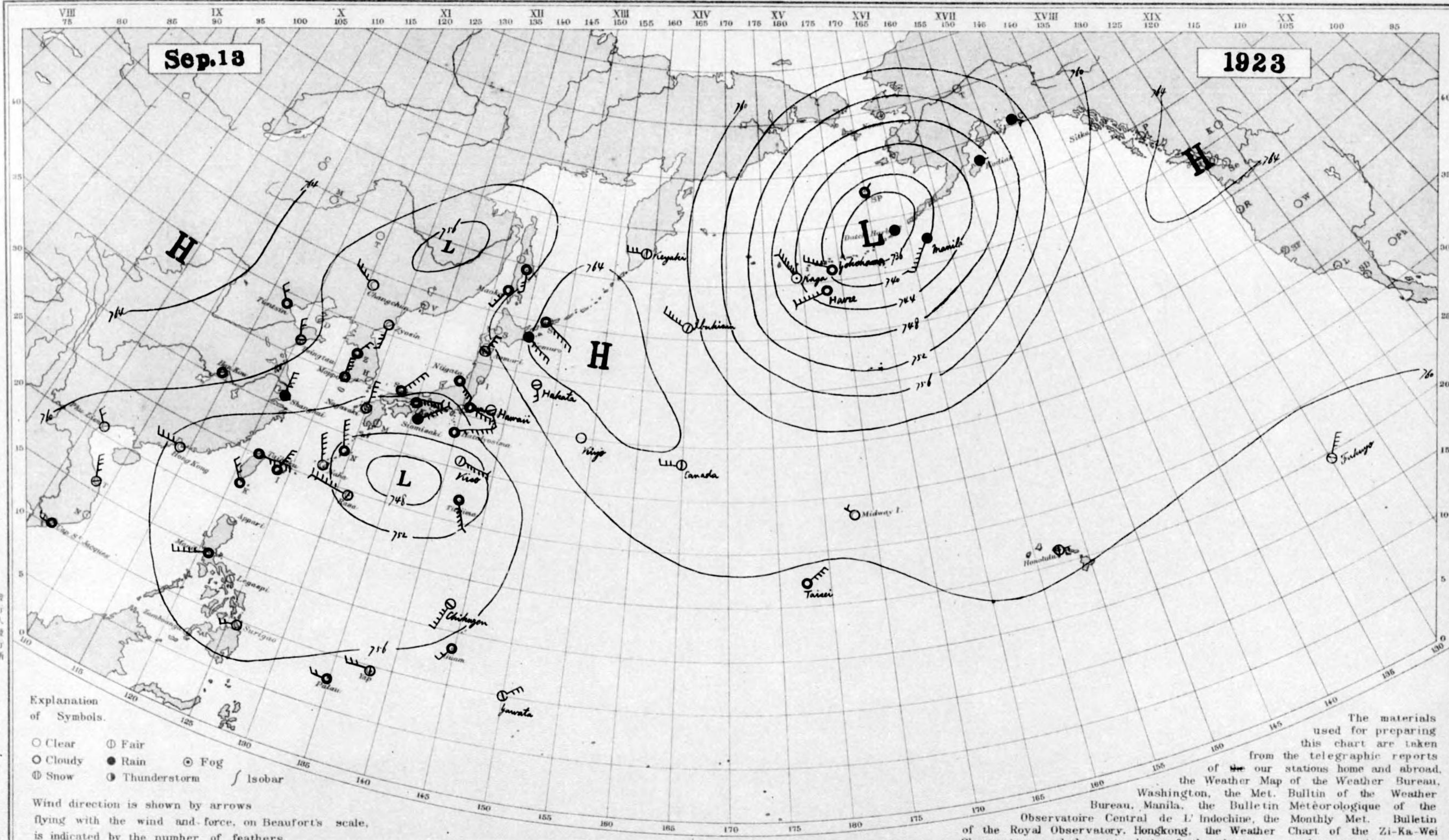
海軍省

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 256



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Explanation of Symbols.

- Clear
- ⊙ Cloudy
- ⊖ Snow
- ⊕ Fair
- Rain
- ⊙ Fog
- ⊖ Thunderstorm
- Isobar

Wind direction is shown by arrows flying with the wind and force, on Beaufort's scale, is indicated by the number of feathers.

The materials used for preparing this chart are taken from the telegraphic reports of our stations home and abroad, the Weather Map of the Weather Bureau, Washington, the Met. Bulletin of the Weather Bureau, Manila, the Bulletin Météorologique of the Observatoire Central de l'Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Zi-Ka-Wei Observatory and the met. logs of the Japanese merchant marine.

Station	Taihoku	Naha	Nagasaki	Siemisaki	Kobe	Tyosi	Hatidyosima	Titizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E
Atm. Pressure (Red. to m.s.l. and Sea Gr.)	755.1	753.3	754.0	753.6	755.2	759.0	754.8	750.9	757.3	758.8	763.9	759.6	757.4	757.5	757.7	760.8	760.4
Air Temperature (in C)	29.6	28.3	30.0	28.2	28.9	28.4	26.3	29.2	31.1	27.1	15.9	20.8	27.3	21.0	18.7	25.6	25.1
Direction and Force of Winds (0-12)	E 5	NNW 5	N 4	NE 7	E 7	ESE 4	ENE 7	SSE 7	SE 4	NNE 3	SE 5	SW 3	N 4	S 5	WNW 4	NW 2	NNW 2
Weather	cloudy	clear	clear	rain	cloudy	cloudy	cloudy	cloudy	cloudy	fair	rain	cloudy	cloudy	clear	fair	cloudy	fair
Station	Shanghai	Hankow	Rasa	Palau	Hongkong	Manila	Surigao	Guam	Yap	Phu-Lien	Cap-S-Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E	14 ^h	14 ^h	14 ^h	14 ^h	14 ^h	10 ^h	10 ^h	20 ^h	18:30 ^h	20 ^h , 135°W	20 ^h , 135°W	20 ^h , 135°W	20 ^h , 135°W
Atm. Pressure (Red. to m.s.l. and Sea Gr.)	758.8	761.3	750.8	757.2	755.9	756.2	756.9	757.4	758.4	760.4	759.7	760.5	762.0	-	-	732.5	745.7
Air Temperature (in C)	25.5	27.0	29.9	29.5	32.	29.	31.	-	-	29.	26.	26.	23.	-	-	9.	11.
Direction and Force of Winds (0-12)	N 4	calm	WNW 8	W 2	W 4	WSW 5	WSW 2	SW 2	W 3	NW 2	W 2	E 1	NW 1	-	-	calm	E -
Weather	rain	cloudy	fair	cloudy	clear	cloudy	clear	cloudy	fair	clear	cloudy	fair	clear	-	-	rain	rain

日三十月九年一十正

圖氣天洋平大北

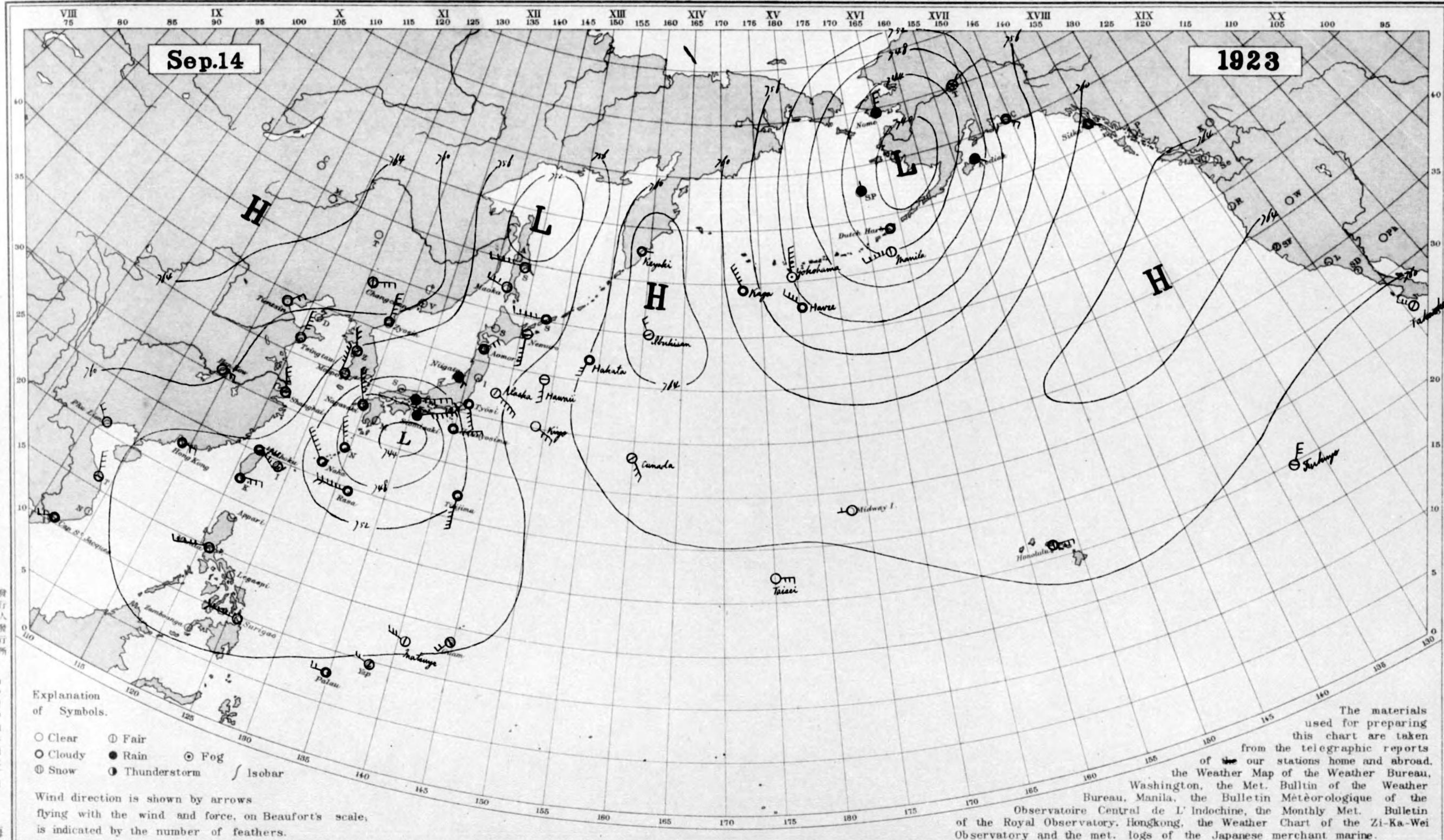
號六十二百一第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 257



Explanation of Symbols.

- Clear
- ⊙ Fair
- ☁ Cloudy
- Rain
- ⊙ Fog
- ⊙ Snow
- ⊙ Thunderstorm
- Isobar

Wind direction is shown by arrows flying with the wind and force, on Beaufort's scale, is indicated by the number of feathers.

The materials used for preparing this chart are taken from the telegraphic reports of our stations home and abroad, the Weather Map of the Weather Bureau, Washington, the Met. Bulletin of the Weather Bureau, Manila, the Bulletin Météorologique of the Observatoire Central de L'Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Zi-Ka-Wei Observatory and the met. logs of the Japanese merchant marine.

Station	Taihoku	Naha	Nagasaki	Siomisaki	Kōbe	Tyosi	Hatidyosima	Titizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E
Atm. Pressure (Red to m.s.l. and Std. Gr. * not reduced to Std. Gr.)	755.8	751.4	747.9	745.3	748.8	753.6	750.4	752.0	753.6	755.4	755.3	754.9	753.8	759.1	762.0	760.5	758.5
Air Temperature (in C)	29.9	28.7	27.4	24.2	26.2	28.4	27.8	28.7	27.1	26.6	23.3	19.9	26.9	22.3	18.0	27.1	25.6
Direction and Force of Winds (0-12)	E 4	NW 6	NNW 6	ENE 9	ENE 6	SSE 5	ENE 5	S 6	SE 1	NE 2	S 5	WNW 3	N 6	N 5	ENE 3	NE 2	N 5
Weather	cloudy	cloudy	cloudy	rain	rain	cloudy	cloudy	cloudy	rain	cloudy	fair	clear	fair	cloudy	fair	clear	clear
Station	Shanghai	Hankow	Rasa	Palau	Hongkong	Manila	Surigao	Guam	Yap	Phu-Lien	Cap-S-Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	14 ^h	14 ^h	14 ^h	14 ^h	14 ^h	10 ^h	10 ^h	20 ^h	18 : 30 ^h	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W
Atm. Pressure (Red to m.s.l. and Std. Gr. * not reduced to Std. Gr.)	758.0	761.0	750.8	756.8	756.8	* 756.3	* 756.6	* 757.1	* 758.8	* 760.3	* 760.0	761.0	761.0	740.7	760.5	741.2	746.8
Air Temperature (in C)	27.1	29.0	29.6	29.1	30.	30.	34.	-	-	30.	26.	26.	24.	7.	13.	11.	9.
Direction and Force of Winds (0-12)	NNW 4	E 2	W 8	W 2	E 2	WSW 5	W 7	SW 2	WNW 2	NW 2	WSW 2	E 3	W 1	N 3	SE -	W -	SE -
Weather	fair	clear	cloudy	cloudy	cloudy	clear	clear	fair	fair	clear	cloudy	fair	clear	rain	cloudy	cloudy	rain

日四十月九年一十正

圖氣天洋平大北

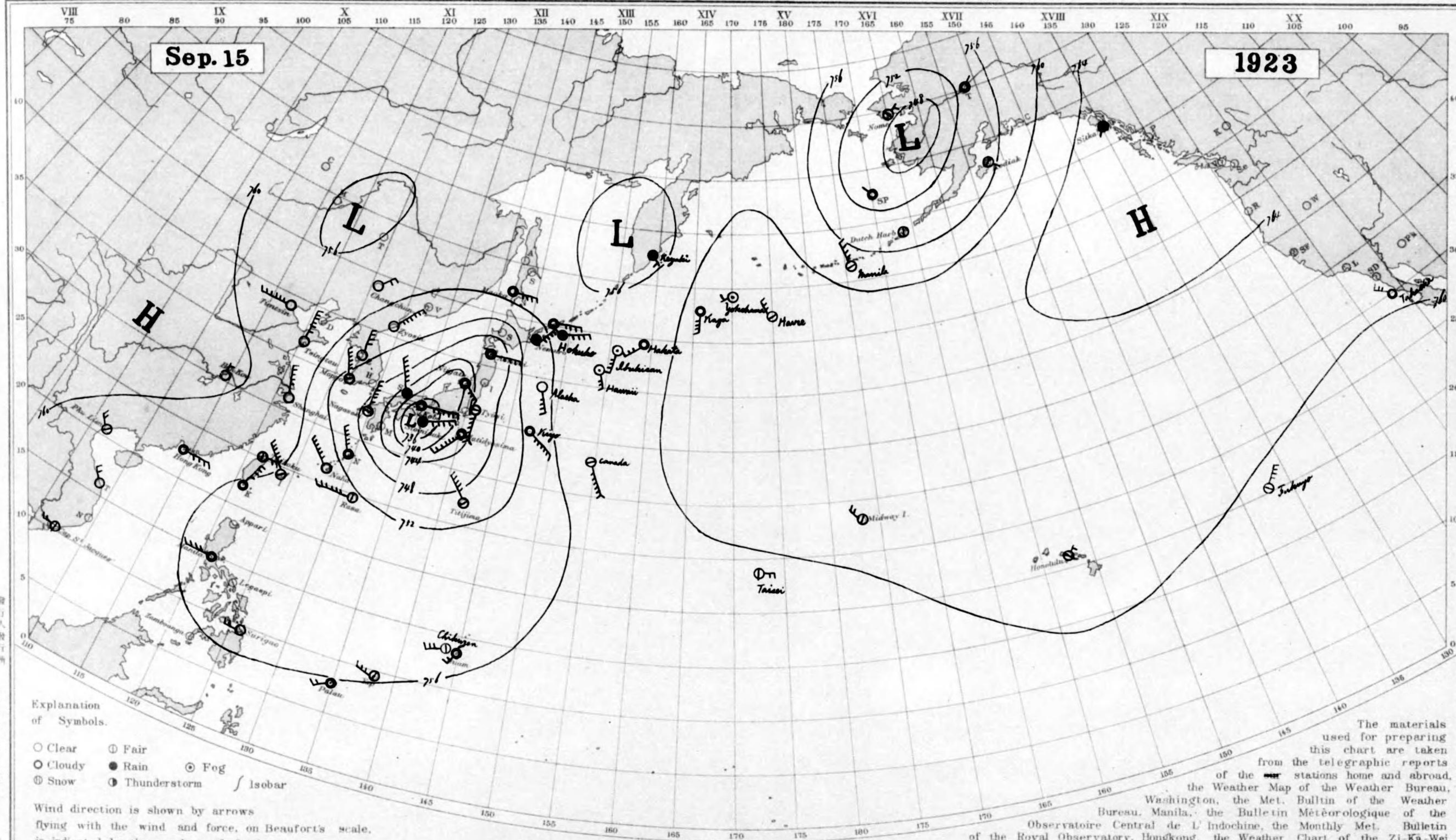
號七十五第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 258



Explanation of Symbols.

- Clear
- Cloudy
- ⊙ Snow
- ⊙ Fair
- Rain
- ⊙ Fog
- ⊙ Thunderstorm
- Isobar

Wind direction is shown by arrows flying with the wind and force, on Beaufort's scale, is indicated by the number of feathers.

The materials used for preparing this chart are taken from the telegraphic reports of the stations home and abroad, the Weather Map of the Weather Bureau, Washington, the Met. Bulletin of the Weather Bureau, Manila, the Bulletin Météorologique of the Observatoire Central de L'Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Zi-Ka-Wei Observatory and the met. logs of the Japanese merchant marine.

Station	Taihoku	Naha	Nagasaki	Siemsaiki	Kobe	Tyosi	Haidyosima	Titizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E
Atm. Pressure (Red. to m.s.l. and Std. Gr.)	757.1	755.0	747.2	734.1	735.9	746.5	743.8	748.7	741.3	746.5	753.6	758.8	750.0	753.3	756.8	758.8	757.0
Air Temperature (in C)	30.1	28.2	23.7	25.4	30.1	28.3	27.8	36.0	32.0	24.2	16.5	14.0	25.7	20.4	18.2	24.9	25.0
Direction and Force of Winds (0-12)	E 2	NW 6	N 6	ENE 5	E 8	S 7	SW 6	NW 5	SE 4	E 4	NE 5	E 4	NNW 6	NE 6	NE 2	W 6	N 6
Weather	fair	clear	fair	rain	cloudy	fair	cloudy	fair	cloudy	cloudy	rain	cloudy	fair	clear	clear	clear	clear
Station	Shanghai	Hankow	Rusa	Palau	Hongkong	Manila	Surigao	Guam	Yap	Phu-Lien	Cap-S-Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	14 ^h	14 ^h	14 ^h	14 ^h	14 ^h	10 ^h	10 ^h	20 ^h	18:30 ^h	20 ^h , 135° W	20 ^h , 135° W	20 ^h , 135° W	20 ^h , 135° W
Atm. Pressure (Red. to m.s.l. and Std. Gr.)	757.0	761.0	752.3	756.2	757.1	756.3	756.0	756.2	757.2	760.1	760.6	761.0	761.0	748.8	766.6	753.9	754.4
Air Temperature (in C)	26.2	29.0	29.0	29.7	29.	27.	33.	-	-	31.	25.	24.	26.	11.	12.	7.	9.
Direction and Force of Winds (0-12)	NNW 5	N 1	W 6	WSW 2	E 4	W 4	W 2	SW 2	NNW 3	NW 2	W 2	NE 1	NW 2	NE 1	SW -	calm	SE -
Weather	clear	clear	fair	cloudy	cloudy	cloudy	clear	cloudy	fair	fair	cloudy	fair	fair	fair	rain	calm	fair

日 五 十 月 九 年 十 正 大

圖 氣 天 洋 平 大 北

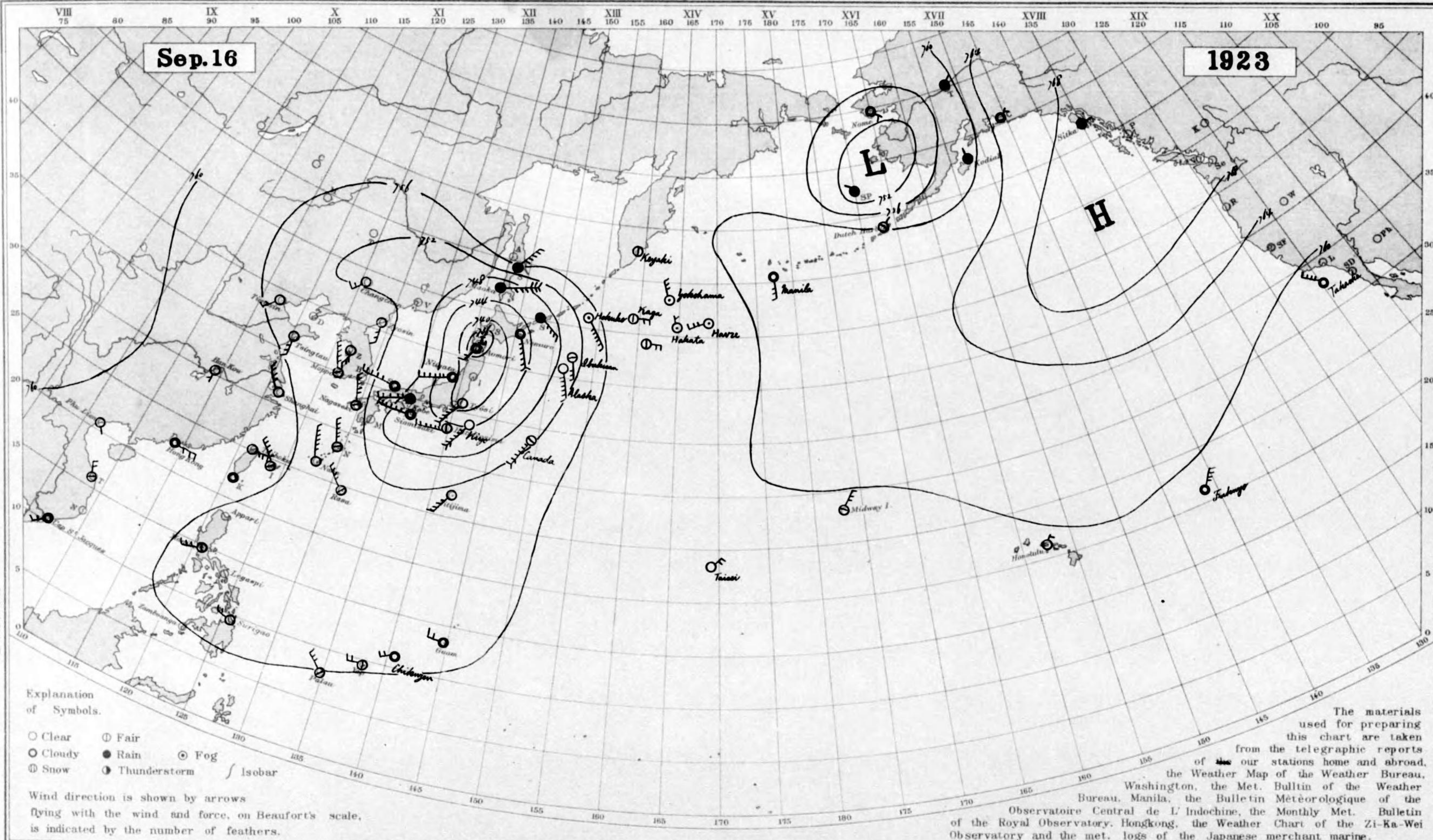
號 八 五 五 第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 259



Explanation of Symbols.

- Clear
- Cloudy
- ⊙ Snow
- ⊙ Fair
- Rain
- ⊙ Fog
- ⊙ Thunderstorm
- Isobar

Wind direction is shown by arrows flying with the wind and force, on Beaufort's scale, is indicated by the number of feathers.

The materials used for preparing this chart are taken from the telegraphic reports of our stations home and abroad, the Weather Map of the Weather Bureau, Washington, the Met. Bulletin of the Weather Bureau, Manila, the Bulletin Météorologique of the Observatoire Central de L'Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Zi-Ka-Wei Observatory and the met. logs of the Japanese merchant marine.

Station	Taihoku	Naha	Nagasaki	Sionisaki	Kobe	Tyosi	Hatidyosma	Tilizima	Niigata	Aomori	Nemuro	Macka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E
Atm. Pressure (Red to m.s.l. and Std. Gr.)	758.3	755.4	752.5	746.1	747.2	739.6	744.6	752.3	740.6	735.4	741.9	745.6	753.9	752.2	751.7	753.6	755.7
Air Temperature (in C)	29.6	27.6	24.1	25.0	24.8	26.5	26.4	30.0	24.6	29.9	20.9	11.1	24.8	19.7	20.9	27.0	26.7
Direction and Force of Winds (0-12)	E 3	NNW 6	NNW 5	WNW 6	WSW 5	SW 7	W 6	SW 4	WSW 6	SW 2	SSE 7	ESE 9	NNW 5	S 3	SW 2	SW 2	S 3
Weather	clear	clear	fair	cloudy	rain	clear	fair	clear	cloudy	cloudy	cloudy	rain	fair	clear	clear	clear	clear
Station	Shanghai	Hankow	Rasa	Palau	Hongkong	Manila	Surigao	Guam	Yap	Phu-Lien	Cap-S-Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	14 ^h	14 ^h	14 ^h	14 ^h	14 ^h	10 ^h	10 ^h	20 ^h	18:30 ^h	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W
Atm. Pressure (Red to m.s.l. and Std. Gr.)	757.1	758.7	755.2	756.1	757.1	756.3	756.3	756.2	756.7	758.6	759.7	759.5	759.5	754.9	769.6	760.0	757.9
Air Temperature (in C)	29.7	30.0	27.9	29.7	29.	31.	31.	-	-	31.	27.	26.	24.	10.	12.	8.	9.
Direction and Force of Winds (0-12)	NW 4	S 1	NW 4	NW 3	E 3	WSW 3	WNW 2	WNW 2	W 2	SE -	SW 2	NE 1	NE 3	SE 1	E -	NE -	N -
Weather	clear	clear	fair	fair	cloudy	fair	clear	cloudy	fair	clear	cloudy	clear	fair	cloudy	rain	fair	rain

日六十月九年一十正大

圖氣天洋平大北

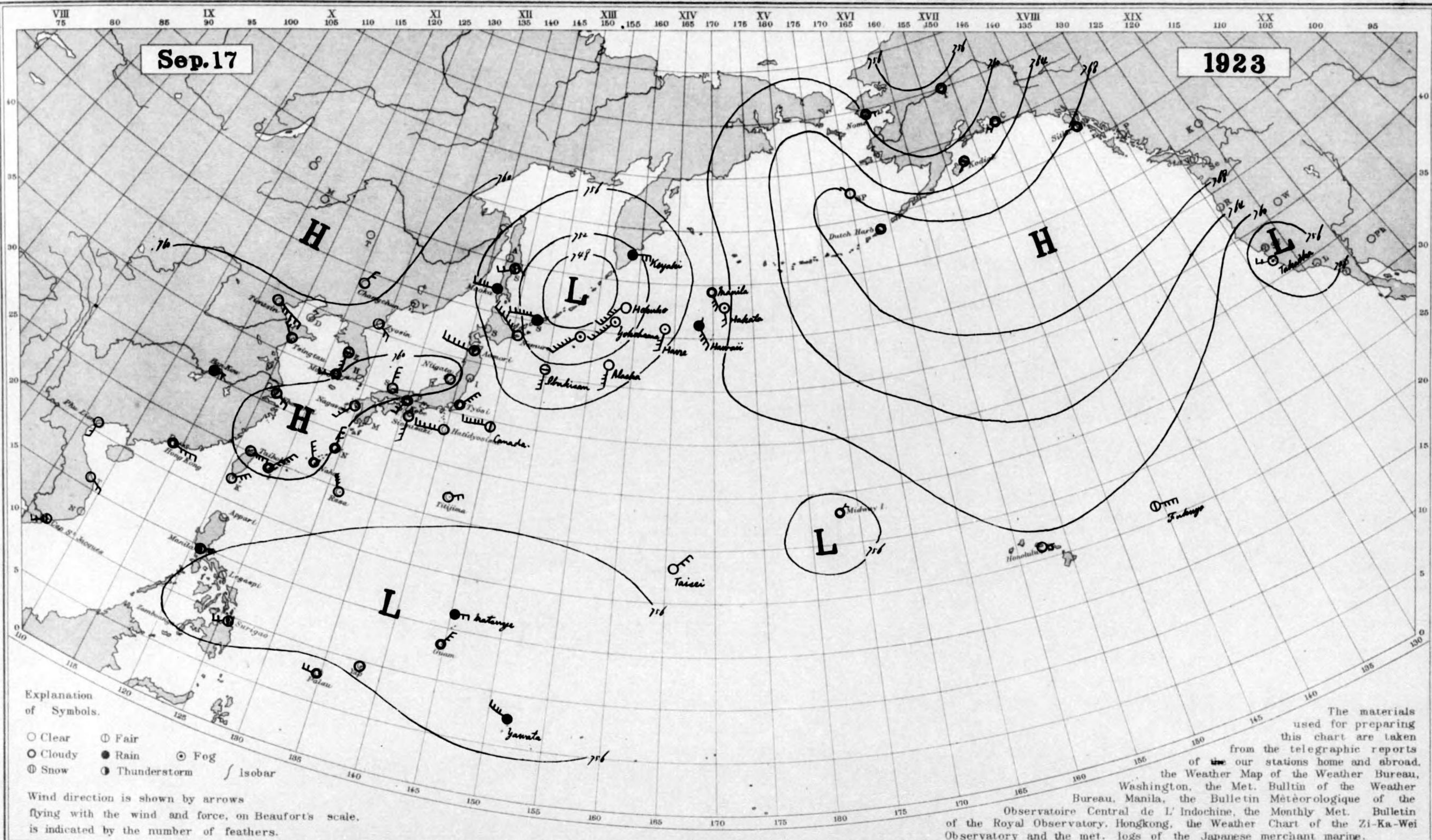
號九十五第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 260



印 發 行 人 觀 查 所
總 局 市 中 山 手 通 七 日 目
海 洋 氣 象 臺

The materials used for preparing this chart are taken from the telegraphic reports of our stations home and abroad, the Weather Map of the Weather Bureau, Washington, the Met. Bulletin of the Weather Bureau, Manila, the Bulletin Météorologique of the Observatoire Central de L'Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Zi-Ka-Wei Observatory and the met. logs of the Japanese merchant marine.

Station	Taihoku	Naha	Nagasaki	Siomi saki	Kôbe	Tyosi	Hatidyosima	Titizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau	
Hour of Observation	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	
Atm. Pressure (Red. to m.s.l. and Strd. Gr.)	760.4	760.3	760.2	758.0	759.4	757.6	757.7	758.8	761.9	758.2	752.5	752.7	759.9	756.8	762.0	759.6	758.9	
Air Temperature (in C)	29.3	27.5	25.5	26.1	23.6	24.2	26.6	27.4	21.4	20.8	16.3	9.0	26.0	21.5	11.6	24.2	27.9	
Direction and Force of Winds (0-12)	E 4	NNW 3	SW 3	S 3	SSW 2	NE 4	W 5	ENE 2	calm	WNW 5	NW 6	W 4	WSW 2	SE 2	NNE 2	ESE 5	NW 2	
Weather	clear	cloudy	clear	clear	cloudy	cloudy	clear	clear	clear	fair	clear	rain	cloudy	clear	clear	clear	clear	
Station	Shanghai	Hankow	Rasa	Palau	Hongkong	Manila	Surigao	Guam	Yap	Phu-Lien	Cap-S-Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak	
Hour of Observation	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	14 ^h	14 ^h	14 ^h	14 ^h	14 ^h	10 ^h	10 ^h	20 ^h	18 : 30 ^h	20 ^h , 135° W	20 ^h , 135° W	20 ^h , 135° W	20 ^h , 135° W	
Atm. Pressure (Red. to m.s.l. and Strd. Gr.)	760.4	758.6	758.7	755.9	758.9	*757.7	*756.4	*755.3	*756.4	*759.2	*760.2	760.5	754.6	760.0	768.0	769.1	760.6	
Air Temperature (in C)	29.4	25.0	28.0	28.5	28.	27.	32.	-	-	32.	27.	26.	21.	8.	12.	8.	10.	
Direction and Force of Winds (0-12)	ESE 2	E 1	NNW 4	WNW 2	E 4	ENE 1	WSW 2	NE 3	calm	S 2	SW 2	E 1	NE 1	E 1	W -	calm	SW -	
Weather	fair	rain	clear	cloudy	cloudy	th.s.	fair	cloudy	clear	clear	fair	clear	cloudy	cloudy	cloudy	cloudy	cloudy	fair

日 七 月 九 年 十 正 大

圖 氣 天 洋 平 大 北

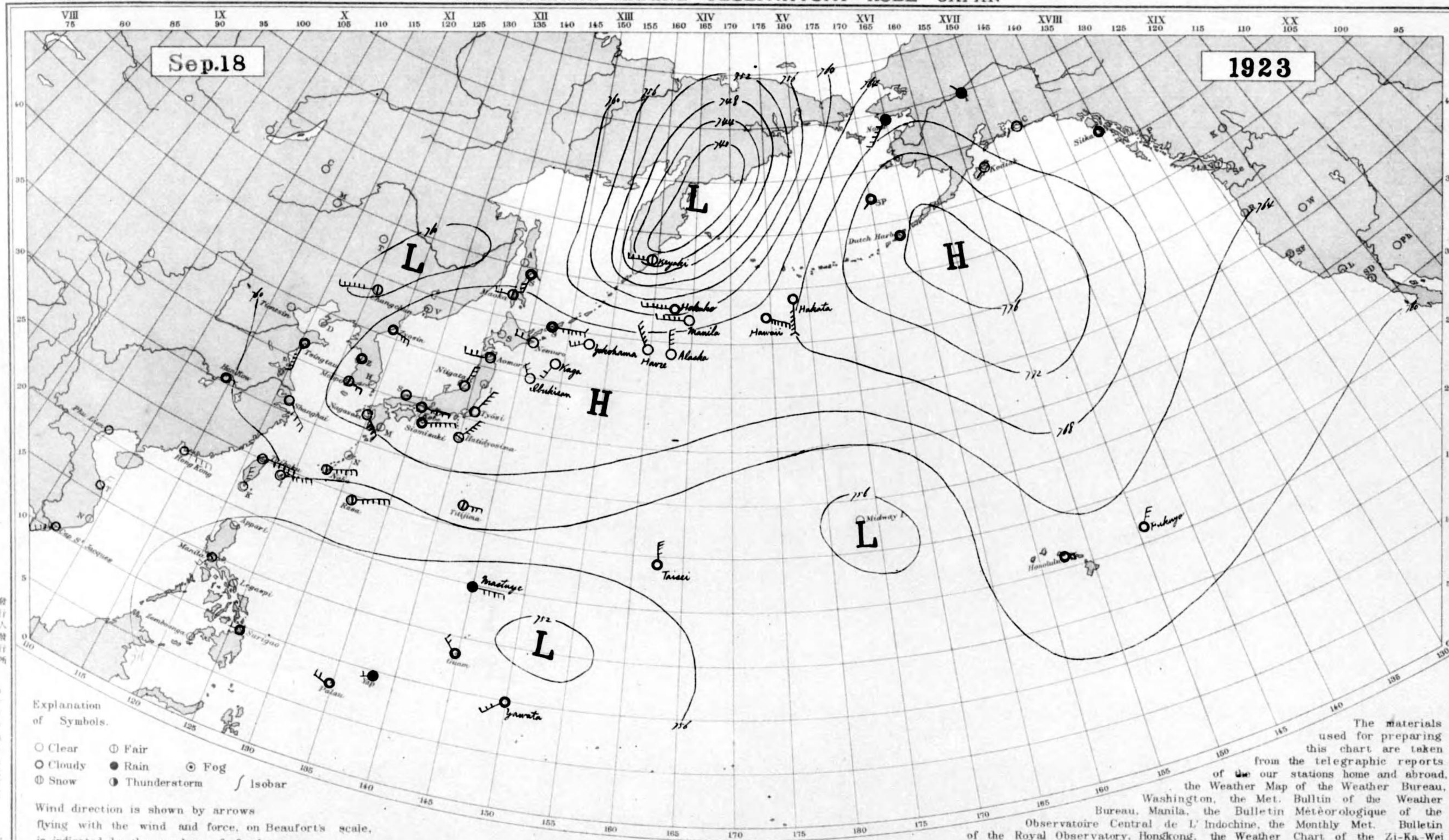
號 十 六 第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 261



Explanation of Symbols.

- Clear
- Cloudy
- ⊙ Rain
- ⊙ Fog
- ⊙ Snow
- ⊙ Thunderstorm
- Isobar

Wind direction is shown by arrows flying with the wind and force, on Beaufort's scale, is indicated by the number of feathers.

The materials used for preparing this chart are taken from the telegraphic reports of our stations home and abroad, the Weather Map of the Weather Bureau, Washington, the Met. Bulletin of the Weather Bureau, Manila, the Bulletin Météorologique of the Observatoire Central de L'Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Zi-Ka-Wei Observatory and the met. logs of the Japanese merchant marine.

Station	Taihoku	Naha	Nagasaki	Siomisaki	Kobe	Tyosi	Hatidyosima	Titizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E
Atm. Pressure (Red. to m.s.l. and Std. Gr.)	759.5	760.9	764.5	765.0	765.7	767.4	765.1	761.1	767.5	767.9	764.6	765.2	763.9	766.0	757.6	-	762.9
Air Temperature (in C)	30.2	29.7	25.1	24.7	26.7	25.1	27.1	30.4	26.0	25.1	14.4	27.1	20.2	25.3	-	-	25.3
Direction and Force of Winds (0-12)	E 5	ENE 5	SE 4	ENE 6	E 4	NE 4	NE 5	E 3	NNE 3	W 3	WNW 2	W 2	ESE 2	ESE 3	WSW 6	-	S 5
Weather	clear	fair	clear	cloudy	clear	clear	fair	fair	clear	clear	clear	fair	cloudy	cloudy	fair	-	cloudy
Station	Shanghai	Hankow	Rasa	Palau	Hongkong	Manila	Surigao	Guam	Yap	Phu-Lien	Cap-S-Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	14 ^h	14 ^h	14 ^h	14 ^h	14 ^h	10 ^h	10 ^h	20 ^h	18 : 30 ^h	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W
Atm. Pressure (Red. to m.s.l. and Std. Gr.)	762.0	759.2	759.3	755.4	759.8	* 756.3	* 755.9	* 755.6	* 756.3	* 760.0	* 760.3	763.0	-	766.1	766.6	775.7	768.6
Air Temperature (in C)	27.0	23.0	28.8	27.5	28.	30.	28.	-	-	27.	27.	26.	-	7.	9.	8.	10.
Direction and Force of Winds (0-12)	SE 4	E 1	ENE 6	WNW 2	E 4	SW 2	W 1	NW 2	WSW 1	SSW 2	SW 4	E 1	-	SW 5	calm	calm	SW -
Weather	clear	cloudy	fair	cloudy	cloudy	fair	cloudy	cloudy	rain	cloudy	cloudy	cloudy	-	rain	cloudy	cloudy	clear

日八十月九年十正大

圖氣天洋平大北

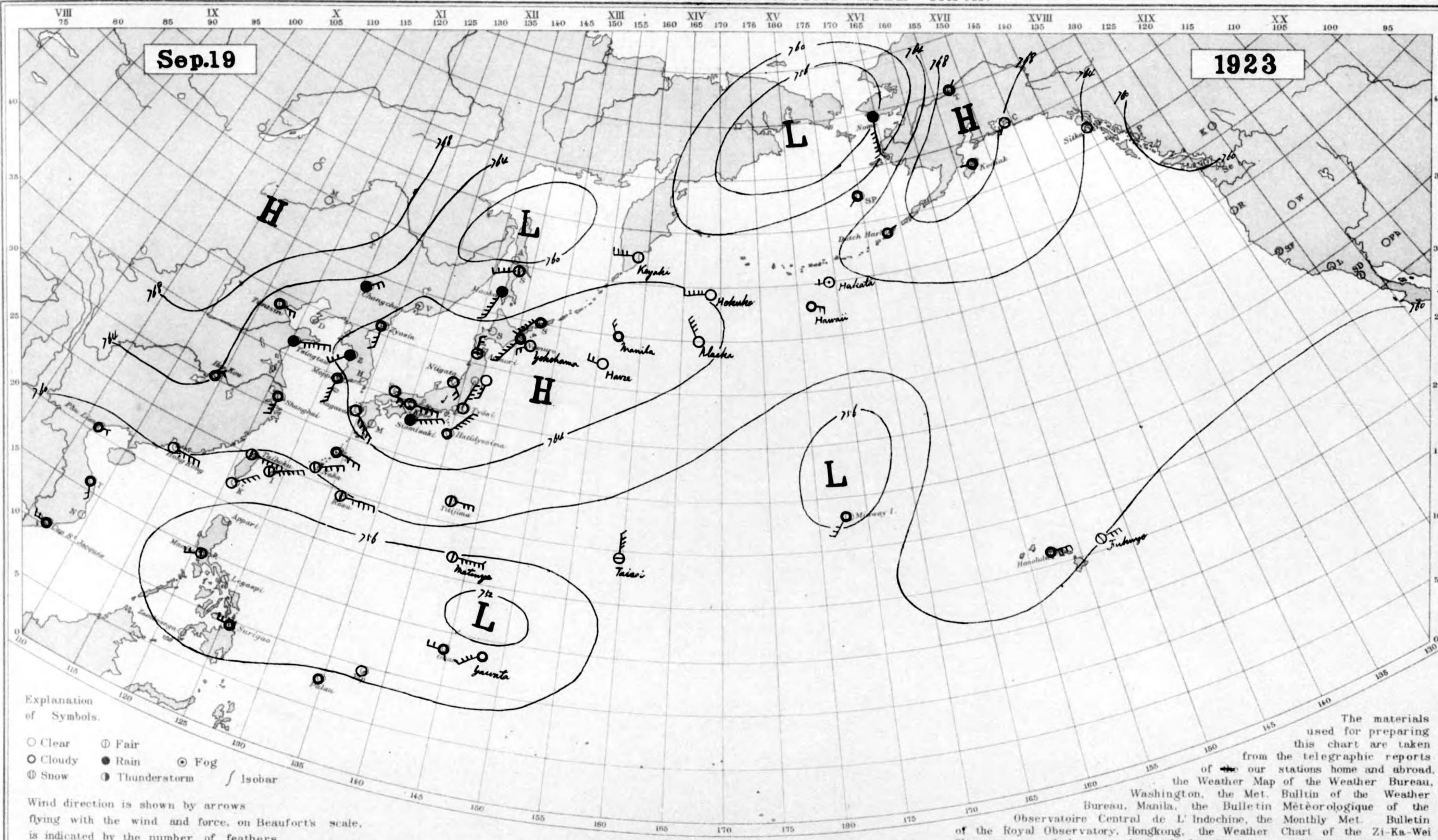
號一十六百一第 (18)

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 262



Station	Taihoku	Naha	Nagasaki	Siemiasaki	Kobe	Tyosi	Hatidyosima	Titi zima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E
Atm. Pressure (Red to m.s.l. and Sird Gr.)	759.5	760.1	764.2	766.3	766.3	768.6	766.3	761.9	767.6	767.0	767.3	763.1	763.7	764.5	763.4	763.6	763.0
Air Temperature (in C)	30.8	31.7	27.6	25.0	28.1	24.8	25.6	30.1	29.8	24.2	21.4	17.0	27.5	22.3	13.5	21.2	18.3
Direction and Force of Winds (0-12)	E 5	ENE 4	SE 5	ENE 5	E 4	NNE 4	NE 7	E 3	SSE 2	N 2	SW 6	SSW 6	S 4	S 3	NE 2	E 2	ENE 6
Weather	fair	fair	fair	rain	clear	clear	cloudy	fair	clear	fair	cloudy	rain	cloudy	cloudy	rain	cloudy	rain
Station	Shanghai	Hankow	Rasa	Palau	Hongkong	Manila	Surigao	Guam	Yap	Phu-Lien	Cap-S-Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	14 ^h	14 ^h	14 ^h	14 ^h	14 ^h	10 ^h	10 ^h	20 ^h	18:30 ^h	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W
Atm. Pressure (Red to m.s.l. and Sird Gr.)	761.3	764.0	759.9	756.4	760.1	756.2	756.4	755.7	756.9	759.6	760.2	762.0	755.4	755.9	764.0	767.6	770.1
Air Temperature (in C)	27.9	23.0	30.1	29.2	28.	31.	30.	-	-	29.	25.	26.	24.	9.	8.	9.	10.
Direction and Force of Winds (0-12)	S 3	NE 1	E 5	W 3	E 4	WSW 2	W 2	W 2	W 2	ENE 1	W 2	E 3	SW 3	S 7	calm	NE -	W -
Weather	cloudy	cloudy	fair	cloudy	clear	fair	cloudy	cloudy	fair	cloudy	cloudy	rain	cloudy	rain	clear	cloudy	cloudy

日九十月九年二十

圖氣天洋平大北

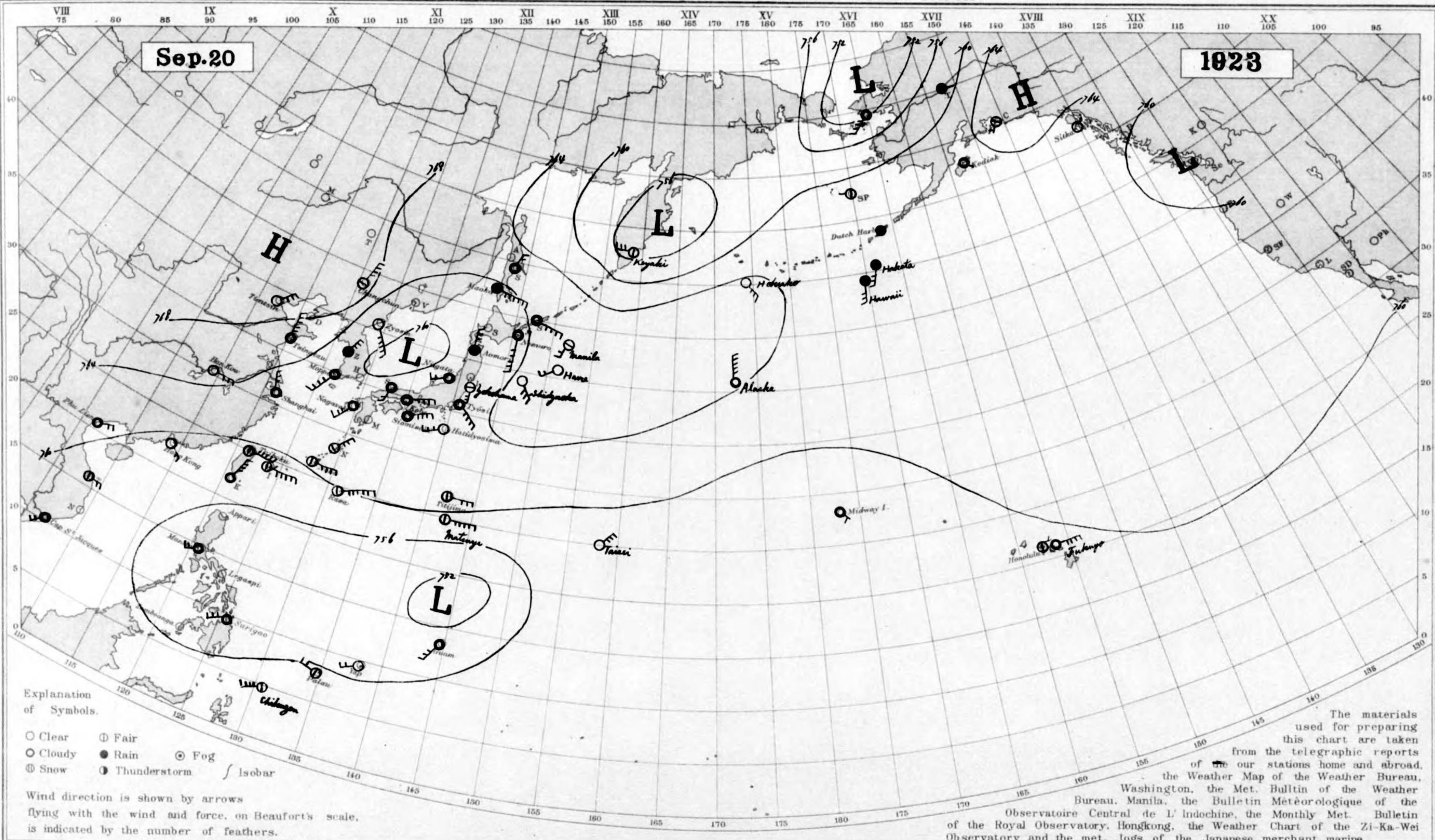
號一七五二第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

No. 263

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN



Explanation of Symbols.

- Clear ⊕ Fair
- ☉ Cloudy ● Rain ⊙ Fog
- ⊖ Snow ⊕ Thunderstorm
- Isobar

Wind direction is shown by arrows flying with the wind and force, on Beaufort's scale, is indicated by the number of feathers.

The materials used for preparing this chart are taken from the telegraphic reports of our stations home and abroad, the Weather Map of the Weather Bureau, Washington, the Met. Bulletin of the Weather Bureau, Manila, the Bulletin Météorologique of the Observatoire Central de L'Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Zi-Ka-Wei Observatory and the met. logs of the Japanese merchant marine.

Station Hour of Observation	Taihoku 12 ^h , 135 E	Naha 12 ^h , 135 E	Nagasaki 12 ^h , 135 E	Siomasaki 12 ^h , 135 E	Kôbe 12 ^h , 135 E	Tyosi 12 ^h , 135 E	Hatidyosima 12 ^h , 135 E	Titi zima 12 ^h , 135 E	Niigata 12 ^h , 135 E	Aomori 12 ^h , 135 E	Nemuro 12 ^h , 135 E	Maoka 12 ^h , 135 E	Moppo 12 ^h , 135 E	Zyosin 12 ^h , 135 E	Changchun 12 ^h , 135 E	Tientsin 12 ^h , 135 E	Tsingtau 12 ^h , 135 E
Atm. Pressure (Red to m.s.l. and Std. Gr.) * not reduced to Std. Gr.	759.0	760.1	762.0	762.9	763.2	763.7	762.7	760.6	761.8	762.1	763.1	763.3	761.1	760.7	768.7	770.9	766.4
Air Temperature (in C)	31.6	31.1	27.6	25.0	22.8	27.1	28.9	29.8	28.0	22.5	20.3	10.2	26.1	22.3	17.7	17.4	17.8
Direction and Force of Winds (0-12)	E 5	E 4	SW 3	ENE 4	ENE 4	SE 4	WSW 3	E 3	WSW 2	N 3	S 5	ESE 6	SW 4	SE 5	NNE 4	NE 3	N 5
Weather	fair	fair	cloudy	cloudy	cloudy	cloudy	clear	fair	cloudy	rain	cloudy	rain	cloudy	fair	fair	clear	cloudy
Station Hour of Observation	Shanghai 12 ^h , 135 E	Hankow 12 ^h , 135 E	Rasa 12 ^h , 135 E	Palau 12 ^h , 135 E	Hongkong 14 ^h	Manila 14 ^h	Surigao 14 ^h	Guam 14 ^h	Yap 14 ^h	Phu-Lien 10 ^h	Cap-S-Jacques 10 ^h	Honolulu 20 ^h	Midway I. 18 : 30 ^h	Nome 20 ^h , 135 W	Sitka 20 ^h , 135 W	Dutch Harbor 20 ^h , 135 W	Kodiak 20 ^h , 135 W
Atm. Pressure (Red to m.s.l. and Std. Gr.) * not reduced to Std. Gr.	763.1	764.8	759.4	756.6	759.5	* 756.5	* 756.9	* 755.0	* 757.2	* 762.0	* 761.5	759.5	757.4	751.8	763.0	760.0	761.0
Air Temperature (in C)	25.7	25.0	29.8	29.3	30.	30.	28.	-	-	26.	28.	26.	24.	6.	8.	9.	9.
Direction and Force of Winds (0-12)	NNW 3	E 3	ENE 6	WNW 2	ESE 2	WSW 2	WSW 3	SW 3	WSW 2	NE 2	SW 2	E 1	SE 1	SW 4	NE -	calm	SE -
Weather	cloudy	clear	fair	fair	clear	cloudy	cloudy	cloudy	clear	cloudy	cloudy	fair	cloudy	cloudy	clear	rain	cloudy

日九十月九年二十正大

圖氣天洋平大北

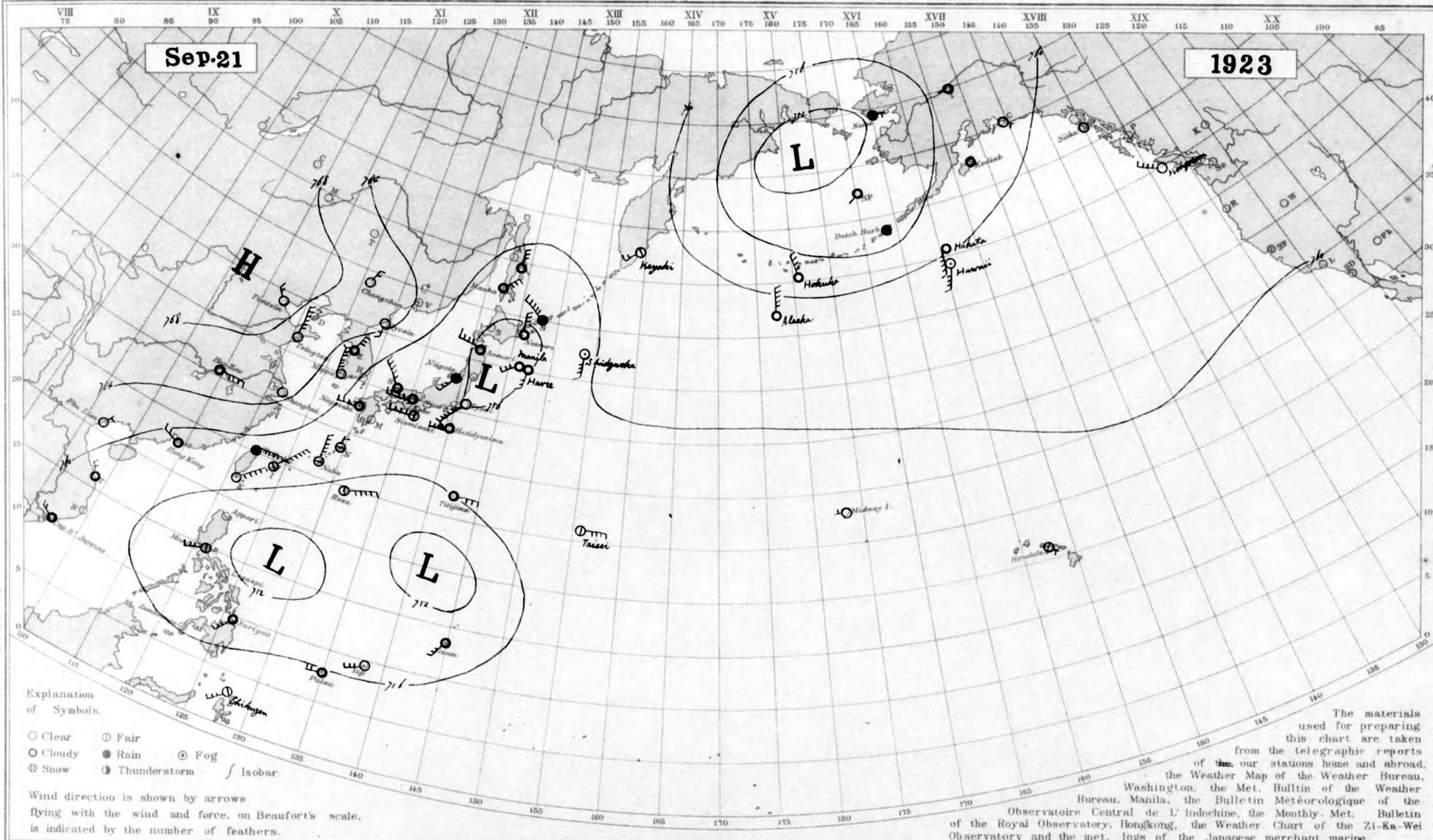
號五十五第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 264



Explanation of Symbols.

- Clear
- ⊙ Fair
- ☁ Cloudy
- ⊙ Rain
- ☁ Fog
- ⊙ Snow
- ⊙ Thunderstorm
- Isobar

Wind direction is shown by arrows flying with the wind and force, on Beaufort's scale, is indicated by the number of feathers.

The materials used for preparing this chart are taken from the telegraphic reports of our stations home and abroad, the Weather Map of the Weather Bureau, Washington, the Met. Bulletin of the Weather Bureau, Manila, the Bulletin Météorologique of the Observatoire Central de L'Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Zi-Ka-Wei Observatory and the met. logs of the Japanese merchant marine.

Station	Taihoku	Naha	Nagasaki	Siomisaki	Kobe	Tyosi	Hatidyosma	Titiyama	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E
Atm. Pressure (Red to m.s.l. and Sura Gr.)	759.6	757.7	758.9	757.4	757.1	756.0	758.5	756.0	757.0	755.7	754.1	757.0	761.5	765.7	767.5	769.6	767.5
Air Temperature (in C)	28.0	28.7	26.1	27.4	25.6	27.1	28.0	29.7	20.1	21.1	19.8	12.2	21.6	15.2	14.4	20.6	18.6
Direction and Force of Winds (0-12)	E 5	N 5	W 3	W 4	W 4	SW 7	W 5	E 3	SW 3	WNW 4	N 3	NE 3	N 7	S 2	NNE 2	NW 2	N 6
Weather	rain	fair	cloudy	fair	cloudy	clear	cloudy	cloudy	rain	cloudy	cloudy	cloudy	fair	clear	clear	clear	clear
Station	Shanghai	Hankow	Rasa	Palau	Hongkong	Manila	Surigao	Guam	Yap	Phu-Lien	Cap-S-Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	14 ^h	14 ^h	14 ^h	14 ^h	14 ^h	10 ^h	10 ^h	20 ^h	18:30 ^h	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W
Atm. Pressure (Red to m.s.l. and Sura Gr.)	764.5	766.0	755.7	756.1	758.9	754.0	755.1	755.3	756.4	762.2	760.9	758.4	756.9	752.3	760.5	754.9	758.9
Air Temperature (in C)	14.1	25.0	29.2	29.5	30.	31.	30.	-	-	30.	26.	24.	22.	4.	7.	17.	10.
Direction and Force of Winds (0-12)	NNE 5	E 4	ENE 5	W 2	WNW 2	WSW 3	SW 3	SW 3	WSW 3	NNE 1	WNW 2	SE 1	W 1	E 1	calm	calm	calm
Weather	fair	cloudy	fair	cloudy	cloudy	fair	cloudy	cloudy	fair	clear	cloudy	fair	clear	rain	clear	calm	rain

日一十月九年一正大

圖氣天洋平大北

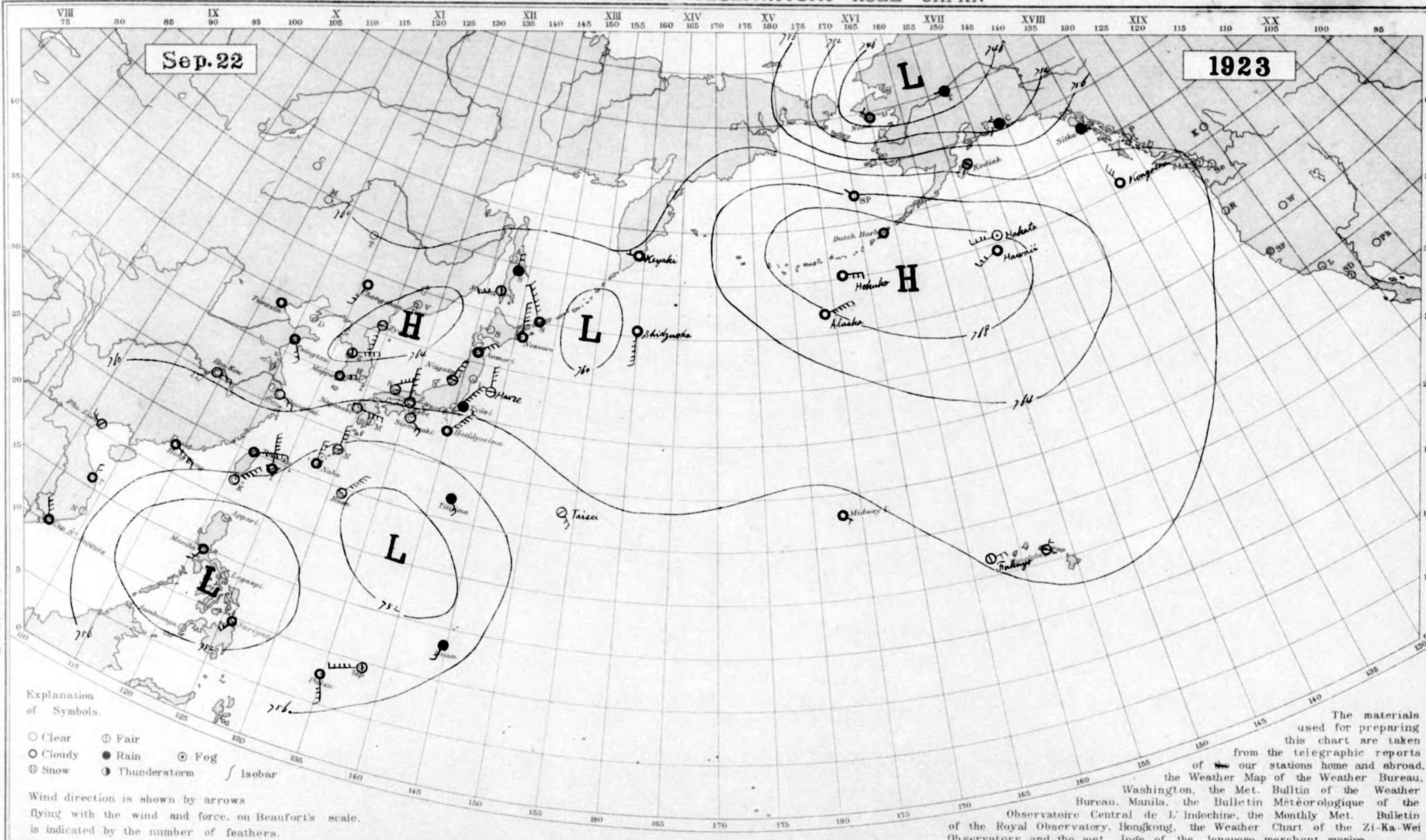
號一六四第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 65



Explanation of Symbols.

- Clear
- ⊙ Fair
- ☁ Cloudy
- Rain
- ⊙ Fog
- ⊙ Snow
- ⊙ Thunderstorm
- Isobar

Wind direction is shown by arrows flying with the wind and force, on Beaufort's scale, is indicated by the number of feathers.

The materials used for preparing this chart are taken from the telegraphic reports of our stations home and abroad, the Weather Map of the Weather Bureau, Washington, the Met. Bulletin of the Weather Bureau, Manila, the Bulletin Météorologique of the Observatoire Central de L'Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Zi-Ka-Wei Observatory and the met. logs of the Japanese merchant marine.

Station	Taihoku	Naha	Nagasaki	Siomisaki	Kōbe	Tyosi	Hatidyosima	Tiizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E
Atm. Pressure (Red to m.s.l. and Std. Gr. * not reduced to Std. Gr.)	758.8	755.3	759.1	758.5	760.8	761.2	757.9	755.0	763.7	763.0	761.3	763.4	762.4	766.0	762.0	762.4	762.6
Air Temperature (in C)	25.8	28.7	22.6	24.9	23.6	17.5	23.1	25.7	21.1	18.7	14.5	12.4	21.5	16.9	18.2	21.2	18.4
Direction and Force of Winds (0-12)	ENE 5	N 4	E 4	SE 2	N 5	NE 6	NE 7	SSE 2	NNE 3	NE 3	N 6	WSW 3	ENE 2	S 4	SSW 3	calm	SE 3
Weather	cloudy	cloudy	clear	clear	clear	rain	cloudy	rain	fair	cloudy	cloudy	fair	cloudy	fair	cloudy	cloudy	cloudy
Station	Shanghai	Hankow	Rusa	Palau	Hongkong	Manila	Surigao	Guam	Yap	Phu-Lien	Cap-S-Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	14 ^h	14 ^h	14 ^h	14 ^h	14 ^h	10 ^h	10 ^h	20 ^h	18 : 30 ^h	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W
Atm. Pressure (Red to m.s.l. and Std. Gr. * not reduced to Std. Gr.)	761.9	760.8	752.4	755.4	757.1	752.6	753.2	756.4	756.7	759.5	759.6	761.0	758.4	746.8	758.4	768.6	757.9
Air Temperature (in C)	23.3	25.	29.3	29.6	28.	26.	29.	29.	30.	26.	26.	26.	23.	5.	10.	9.	10.
Direction and Force of Winds (0-12)	ESE 2	E 2	NE 6	SSE 4	ESE 4	SSW 2	SW 2	SSW 2	WSW 5	WNW 2	NW 4	NE 1	SE 1	NW 1	SE -	calm	SW -
Weather	fair	clear	fair	cloudy	cloudy	cloudy	cloudy	rain	fair	fair	cloudy	fair	cloudy	cloudy	rain	cloudy	fair

日十月九年二十

圖氣天洋平大北

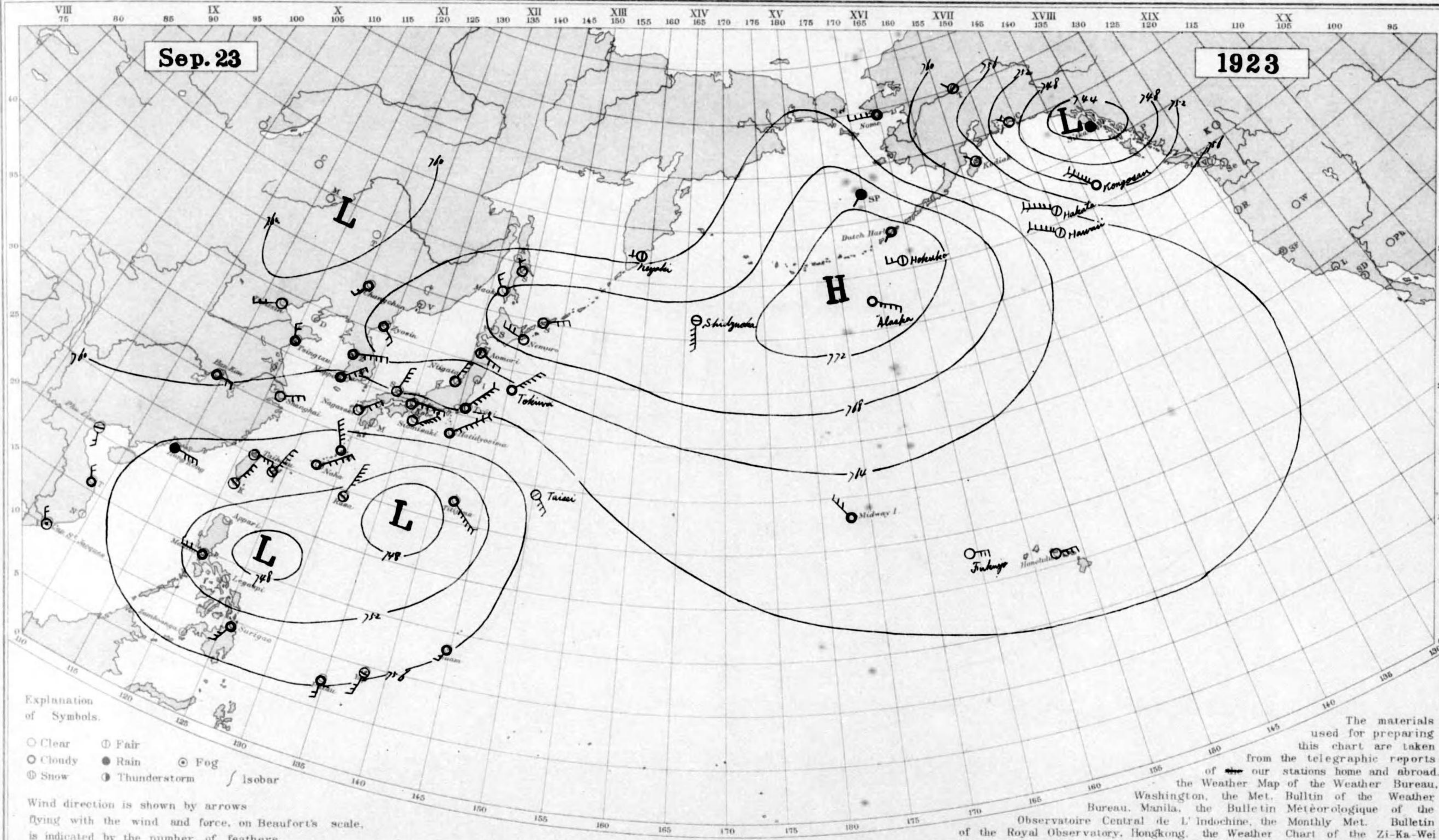
號五十六百一第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

No. 266

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN



Explanation of Symbols.

- Clear
- ⊙ Fair
- ☉ Cloudy
- Rain
- ⊙ Fog
- ⊙ Snow
- ⊙ Thunderstorm
- Isobar

Wind direction is shown by arrows flying with the wind and force, on Beaufort's scale, is indicated by the number of feathers.

The materials used for preparing this chart are taken from the telegraphic reports of our stations home and abroad, the Weather Map of the Weather Bureau, Washington, the Met. Bulletin of the Weather Bureau, Manila, the Bulletin Météorologique of the Observatoire Central de L'Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Zi-Ka-Wei Observatory and the met. logs of the Japanese merchant marine.

Station	Taihoku	Naha	Nagasaki	Siomasaki	Kobe	Tyosi	Haidyosima	Titizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E
Atm. Pressure (Red to m.s.l. and Sird Gr.)	755.7	753.8	758.2	759.0	759.8	761.0	757.7	750.9	762.5	765.7	768.6	768.0	759.9	765.9	761.3	761.1	761.4
Air Temperature (in C)	27.7	31.1	26.3	23.0	24.9	22.4	23.3	27.9	22.5	22.7	15.9	14.9	20.3	17.8	14.9	20.0	18.4
Direction and Force of Winds (0-12)	E 3	NE 5	NE 3	NE 7	E 5	NE 7	NE 9	SE 7	NNE 3	ESE 3	WNW 3	NNW 2	NE 4	SE 2	SW 2	WSW 3	NNW 2
Weather	cloudy	cloudy	clear	fair	clear	cloudy	cloudy	cloudy	clear	fair	clear	clear	cloudy	cloudy	cloudy	clear	cloudy
Station	Shanghai	Hankow	Rasa	Palau	Hongkong	Manila	Surigao	Guam	Yap	Phu-Lien	Cap-S-Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	14 ^h	14 ^h	14 ^h	14 ^h	14 ^h	10 ^h	10 ^h	20 ^h	18 : 30 ^h	20 ^h , 135° W	20 ^h , 135° W	20 ^h , 135° W	20 ^h , 135° W
Atm. Pressure (Red to m.s.l. and Sird Gr.)	758.8	760.4	751.3	755.8	755.6	752.4	754.4	757.4	757.6	757.6	759.3	762.0	762.0	761.0	743.2	773.2	757.4
Air Temperature (in C)	26.0	23.	29.3	29.3	27.	28.	28.	-	-	30.	25.	27.	23.	5.	9.	9.	9.
Direction and Force of Winds (0-12)	E 3	E 2	NNE 6	S. 2	E 4	W 3	SW 3	SW 2	SSW 3	SSE 2	NW 2	E 3	NW 3	W 4	calm	SW -	NW -
Weather	clear	cloudy	fair	cloudy	rain	cloudy	cloudy	cloudy	fair	fair	fog	clear	cloudy	cloudy	rain	cloudy	clear

日二十月九年一十正大

圖氣天洋平大北

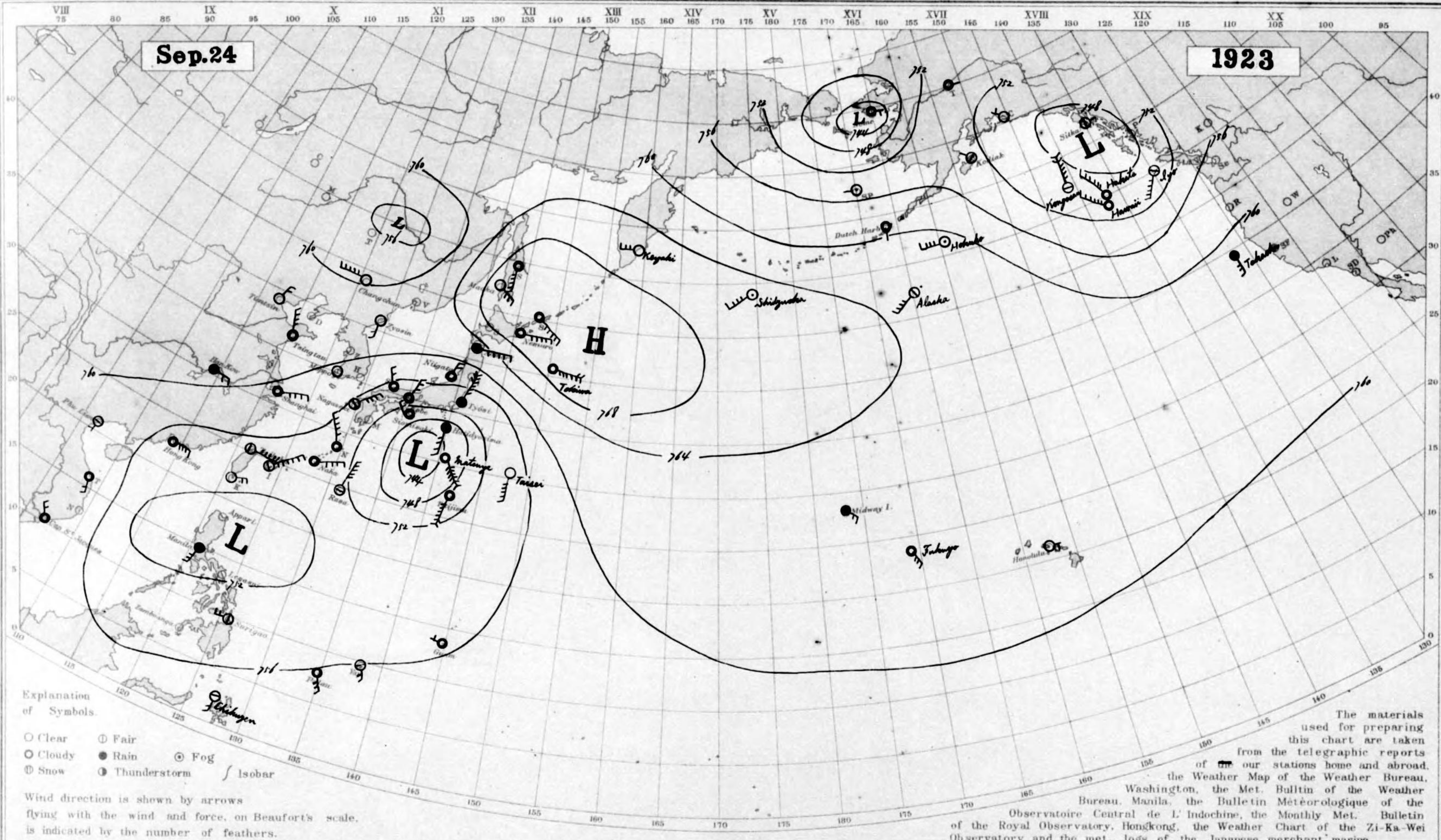
號六十六百一第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 267



Explanation of Symbols.

- Clear ⊙ Fair
- ☁ Cloudy ● Rain ⊙ Fog
- ⊙ Snow ⊙ Thunderstorm
- Isobar

Wind direction is shown by arrows flying with the wind and force, on Beaufort's scale, is indicated by the number of feathers.

The materials used for preparing this chart are taken from the telegraphic reports of our stations home and abroad, the Weather Map of the Weather Bureau, Washington, the Met. Bulletin of the Weather Bureau, Manila, the Bulletin Météorologique of the Observatoire Central de L'Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Zi-Ka-Wei Observatory and the met. logs of the Japanese merchant marine.

Station	Taihoku	Naha	Nagasaki	Siomasaki	Kobe	Tyosi	Hatdyosima	Tijizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 ^h , 135E	12 ^h , 135E	12 ^h , 135E	12 ^h , 135E	12 ^h , 135E	12 ^h , 135E	12 ^h , 135E	12 ^h , 135E	12 ^h , 135E	12 ^h , 135E	12 ^h , 135E	12 ^h , 135E	12 ^h , 135E	12 ^h , 135E	12 ^h , 135E	12 ^h , 135E	12 ^h , 135E
Atm. Pressure (* not reduced to Srd. Gr.)	755.3	754.0	755.5	749.3	752.9	752.8	745.2	748.7	756.8	762.7	769.4	769.1	758.7	762.6	759.9	762.5	761.2
Air Temperature (in C)	29.6	30.7	23.9	23.5	24.2	20.8	25.7	28.7	21.9	18.0	14.6	17.2	24.5	19.3	16.5	20.4	21.3
Direction and Force of Winds (0-12)	E 5	E 4	NE 4	NW 2	NNE 3	NNE 9	S 4	SSW 8	NNE 2	E 5	E 5	SE 3	calm	S 2	W 5	NNE 2	NNW 4
Weather	fair	cloudy	fair	cloudy	cloudy	rain	rain	cloudy	cloudy	rain	cloudy	clear	clear	clear	clear	clear	cloudy
Station	Shanghai	Hankow	Rasa	Palau	Hongkong	Manila	Surigao	Guam	Yap	Phu-Lien	Cap-S-Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135E	12 ^h , 135E	12 ^h , 135E	12 ^h , 135E	14 ^h	14 ^h	14 ^h	14 ^h	14 ^h	10 ^h	10 ^h	20 ^h	18:30 ^h	20 ^h , 135W	20 ^h , 135W	20 ^h , 135W	20 ^h , 135W
Atm. Pressure (* not reduced to Srd. Gr.)	759.5	761.0	752.7	756.9	755.3	*753.3	*755.0	*757.5	*758.3	*757.4	*757.6	762.0	761.0	743.2	746.2	759.3	752.8
Air Temperature (in C)	24.0	19.0	29.6	29.9	28.	26.	30.	-	-	31.	25.	26.	23.	5.	11.	12.	9.
Direction and Force of Winds (0-12)	E 4	E 2	NNE 5	SSE 3	E 4	SSW 3	W 2	WNW 1	SSE 2	S 1	NW 2	E 1	SSW 2	E 1	E -	S -	NW -
Weather	cloudy	rain	fair	cloudy	cloudy	rain	fair	cloudy	fair	fair	cloudy	clear	rain	cloudy	fair	cloudy	fair

日十月九年二十正大

圖氣天洋平大北

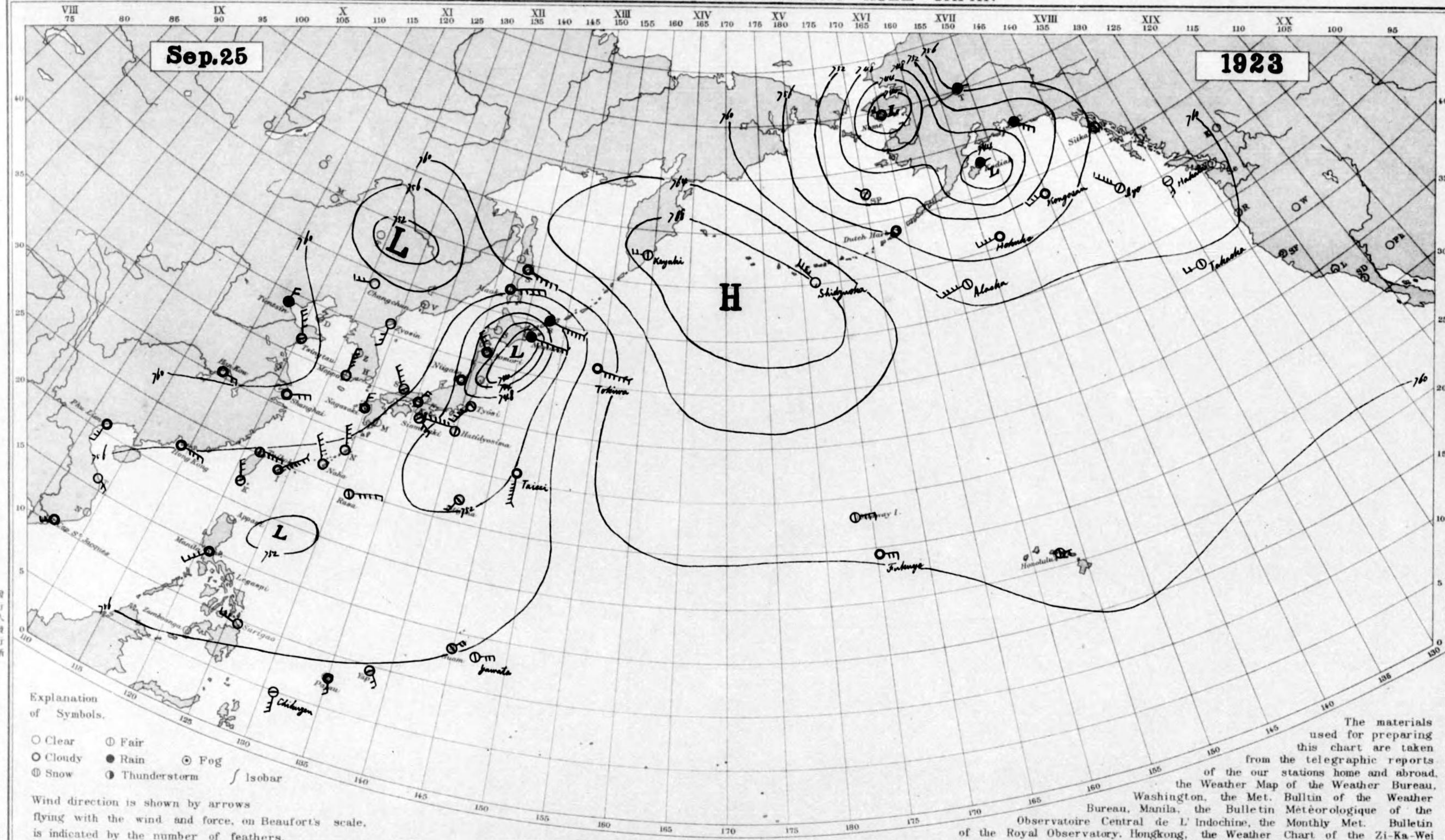
號七廿月

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 268



Explanation of Symbols.

- Clear
- Cloudy
- ⊙ Snow
- ⊙ Fair
- Rain
- ⊙ Fog
- ⊙ Thunderstorm
- Isobar

Wind direction is shown by arrows flying with the wind and force, on Beaufort's scale, is indicated by the number of feathers.

The materials used for preparing this chart are taken from the telegraphic reports of the our stations home and abroad, the Weather Map of the Weather Bureau, Washington, the Met. Bulletin of the Weather Bureau, Manila, the Bulletin Météorologique of the Observatoire Central de L'Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Zi-Ka-Wei Observatory and the met. logs of the Japanese merchant marine.

Station	Taihoku	Naha	Nagasaki	Siomisaki	Kobe	Tyosi	Hatidyosima	Titi zima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E
Atm. Pressure (Red. to m.s.l. and Std. Gr.)	756.0	755.1	757.1	752.2	754.6	750.1	751.8	750.2	751.8	746.7	739.0	756.5	758.2	757.3	757.1	762.3	760.8
Air Temperature (in C)	30.6	29.1	23.2	27.1	25.8	25.4	25.8	30.1	22.2	16.2	18.6	12.8	25.5	19.4	17.8	20.3	21.6
Direction and Force of Winds (0-12)	E 4	NW 5	N 2	SE 3	NNE 2	SW 4	W 7	SW 2	calm	ENE 3	ESE 7	ENE 5	N 5	S 3	WSW 3	N 2	NNW 4
Weather	fair	clear	cloudy	fair	cloudy	fair	fair	fair	cloudy	cloudy	rain	cloudy	clear	clear	clear	rain	fair
Station	Shanghai	Hankow	Rasa	Palau	Hongkong	Manila	Surigao	Guam	Yap	Phu-Lien	Cap-S-Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	14 ^h	14 ^h	14 ^h	14 ^h	14 ^h	10 ^h	10 ^h	20 ^h	18 : 30 ^h	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W
Atm. Pressure (Red. to m.s.l. and Std. Gr.)	759.9	760.9	754.7	756.8	756.8	754.8	755.8	757.0	758.2	758.5	758.0	762.5	761.0	737.6	756.4	755.4	742.7
Air Temperature (in C)	25.4	23.0	28.9	30.0	28.	26.	32.	-	26.	26.	26.	26.	24.	3.	9.	8.	9.
Direction and Force of Winds (0-12)	ENE 3	E 2	ENE 5	SSE 2	E 4	SW 4	WNW 3	NE 2	SE 2	S 3	SW 2	E 1	E 3	NW 1	calm	W -	E -
Weather	cloudy	cloudy	fair	cloudy	cloudy	cloudy	clear	fair	fair	cloudy	cloudy	fair	fair	cloudy	fair	cloudy	rain

日五十月九年一正

圖氣天洋平大北

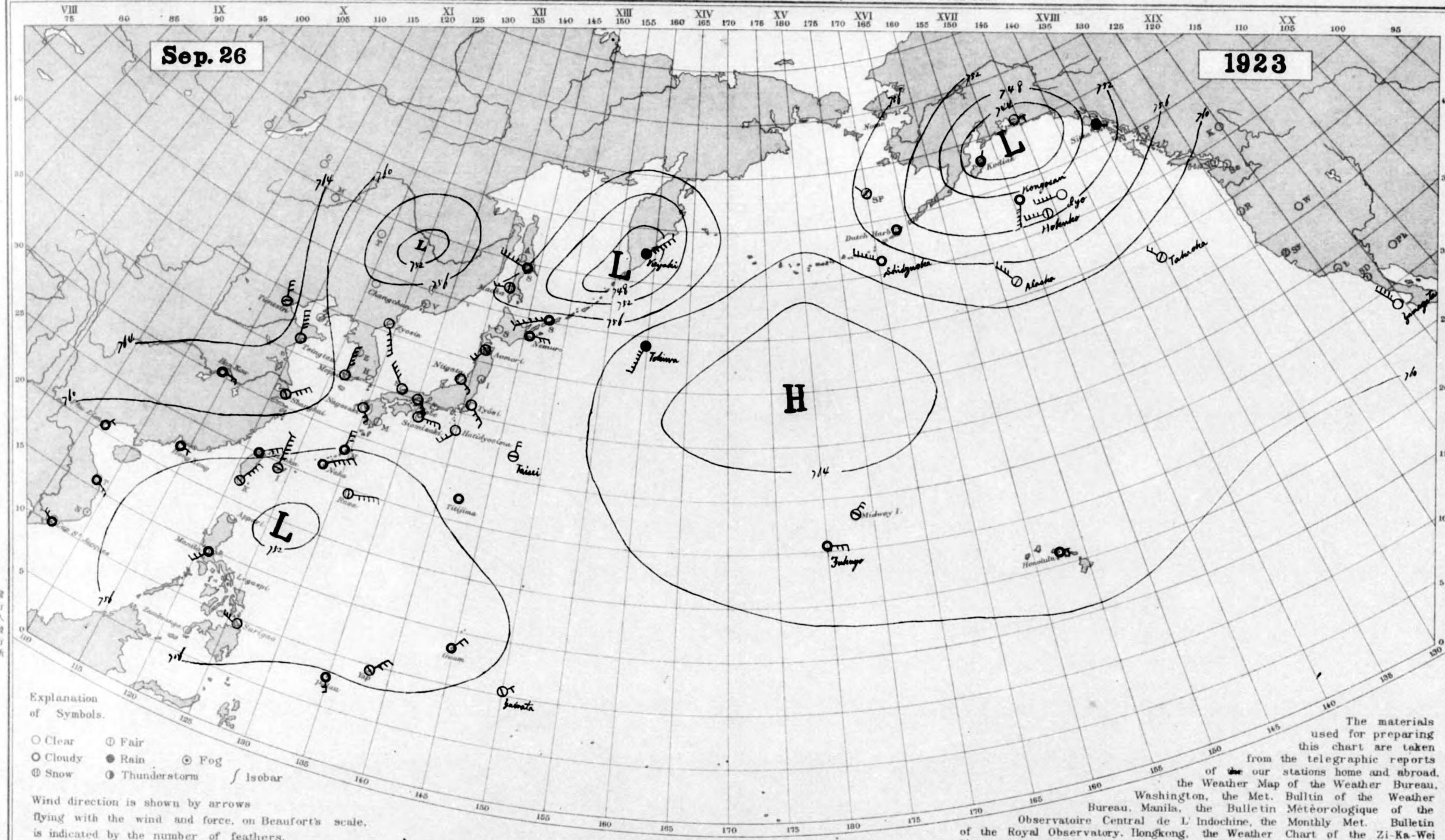
號八十月一第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 269



印 度 洋 行 發 行 所
神 戶 市 中 山 手 通 七 丁 目
海 洋 氣 象 臺

Explanation of Symbols.
 ○ Clear ⊙ Fair
 ☁ Cloudy ● Rain ⊙ Fog
 ❄ Snow ⚡ Thunderstorm / Isobar

Wind direction is shown by arrows flying with the wind and force, on Beaufort's scale, is indicated by the number of feathers.

The materials used for preparing this chart are taken from the telegraphic reports of our stations home and abroad, the Weather Map of the Weather Bureau, Washington, the Met. Bulletin of the Weather Bureau, Manila, the Bulletin Météorologique of the Observatoire Central de L'Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Zi-Ka-Wei Observatory and the met. logs of the Japanese merchant marine.

Station	Taihoku	Naha	Nagasaki	Siomisaki	Kobe	Tyosi	Hatidyosima	Titizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E
Atm. Pressure (Red. to m.s.l. and Std. Gr.)	757.6	754.6	758.1	757.6	758.3	757.7	758.5	757.8	757.6	758.7	756.4	754.3	759.6	737.2	-	764.5	761.7
Air Temperature (in C)	26.1	29.9	25.7	25.6	25.2	25.8	26.0	28.6	25.4	22.7	19.2	12.2	25.3	19.2	-	20.0	22.0
Direction and Force of Winds (0-12)	NE 3	NE 5	SE 2	E 4	SSE 3	SE 3	SW 3	calm	SE 2	SW 2	E 3	W 2	N 5	SSE 5	-	NNW 3	NNW 5
Weather	cloudy	cloudy	clear	clear	clear	cloudy	clear	cloudy	clear	fair	cloudy	fair	clear	clear	-	fair	clear
Station	Shanghai	Hankow	Rasa	Palau	Hongkong	Manila	Surigao	Guam	Yap	Phu-Lien	Cap-S-Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	14 ^h	14 ^h	14 ^h	14 ^h	14 ^h	10 ^h	10 ^h	20 ^h	18:30 ^h	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W
Atm. Pressure (Red. to m.s.l. and Std. Gr.)	761.0	762.1	753.8	756.8	757.4	755.8	756.3	756.3	757.5	759.0	759.0	761.0	762.0	-	750.8	752.8	742.7
Air Temperature (in C)	25.1	21.0	28.9	29.7	28.	26.	31.	-	-	29.	23.	26.	24.	-	10.	5.	8.
Direction and Force of Winds (0-12)	NE 4	E 2	E 5	SSE 2	E 1	SW 3	WNW 3	NE 2	NE 3	NNE 1	WNW 2	E 1	NE 2	-	SE	calm	NE
Weather	fair	cloudy	fair	cloudy	cloudy	cloudy	clear	cloudy	fair	cloudy	cloudy	cloudy	fair	-	rain	cloudy	cloudy

日六十月九年二十正大

圖氣天洋平大北

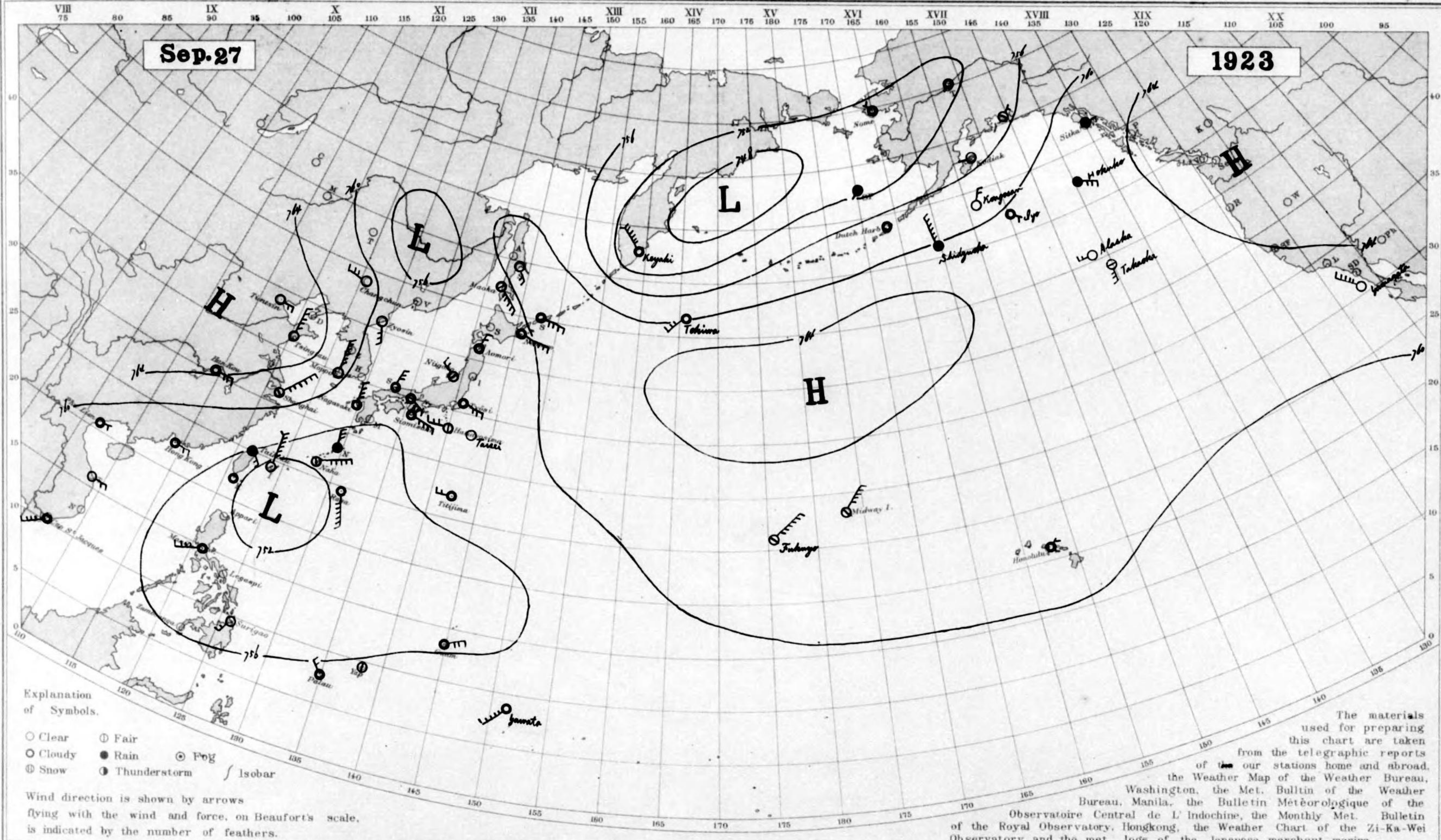
號七十六百一第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 270



Explanation of Symbols.

- Clear
- ⊙ Fair
- ☉ Cloudy
- Rain
- ⊙ Fog
- ⊙ Snow
- ⊙ Thunderstorm
- Isobar

Wind direction is shown by arrows flying with the wind and force, on Beaufort's scale, is indicated by the number of feathers.

The materials used for preparing this chart are taken from the telegraphic reports of our stations home and abroad, the Weather Map of the Weather Bureau, Washington, the Met. Bulletin of the Weather Bureau, Manila, the Bulletin Météorologique of the Observatoire Central de L'Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Zi-Ka-Wei Observatory and the met. logs of the Japanese merchant marine.

Station	Taihoku	Naha	Nagasaki	Siomasaki	Kobe	Tyosi	Hatidyosima	Titi zima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E
Atm. Pressure (* not reduced to Surd. Gr.)	757.1	752.7	758.5	757.5	757.9	757.8	758.1	756.6	758.5	759.0	759.8	759.2	761.1	759.5	760.6	766.5	765.0
Air Temperature (in C)	22.0	30.3	24.5	25.7	26.1	24.4	26.5	29.2	24.8	21.4	15.7	16.8	22.8	19.1	14.6	20.5	19.0
Direction and Force of Winds (0-12)	SE 2	ESE 5	N 4	ESE 4	SE 3	ESE 3	W 3	W 2	NW 2	NNE 2	ESE 5	SE 5	N 6	SSE 3	W 3	E 2	N 5
Weather	rain	fair	cloudy	cloudy	cloudy	cloudy	fair	fair	fair	cloudy	cloudy	fair	clear	fair	clear	clear	clear
Station	Shanghai	Hankow	Rasa	Palau	Hongkong	Manila	Surigao	Guam	Yap	Phu-Lien	Cap-S-Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	14 ^h	14 ^h	14 ^h	14 ^h	14 ^h	10 ^h	10 ^h	20 ^h	18 : 30 ^h	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W
Atm. Pressure (* not reduced to Surd. Gr.)	762.5	765.2	752.9	756.7	767.1	* 754.9	* 756.0	* 756.1	* 758.3	* 759.7	* 759.7	761.0	761.5	751.8	761.0	758.4	753.9
Air Temperature (in C)	25.6	21.0	29.4	29.7	27.	26.	31.	-	-	29.	25.	26.	24.	0.	8.	5.	5.
Direction and Force of Winds (0-12)	NE 6	E 3	SSE 6	NW 2	E 2	WSW 4	SSW 2	ENE 3	calm	ENE 1	SW 4	NE 1	NE 5	NW 1	E -	calm	W -
Weather	fair	cloudy	cloudy	cloudy	cloudy	cloudy	fair	cloudy	fair	cloudy	cloudy	cloudy	fair	cloudy	rain	cloudy	clear

日七十月九年二十正大

圖氣天洋平大北

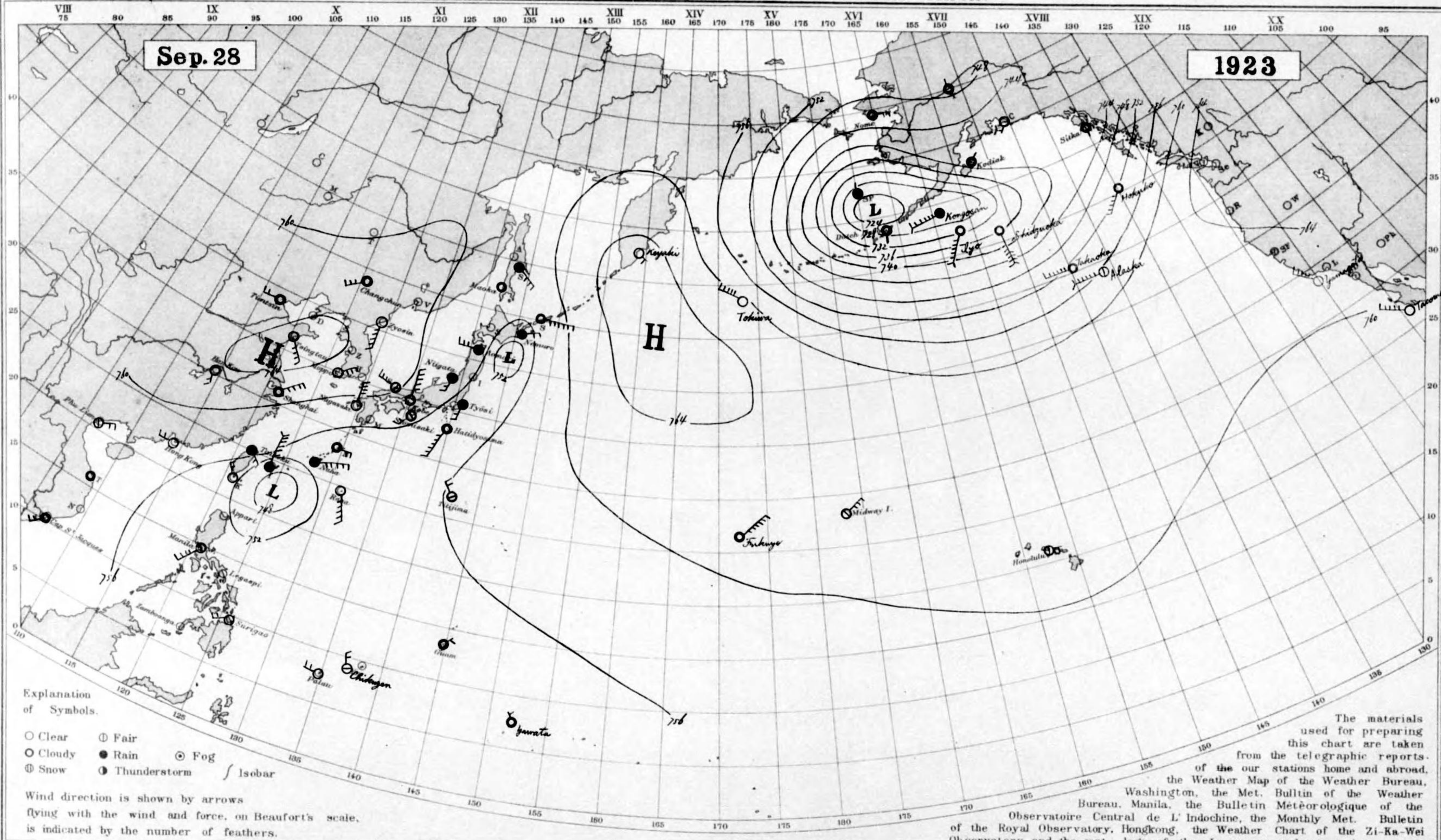
號十七百二第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 271



Explanation of Symbols.

- Clear
- ⊙ Fair
- ☁ Cloudy
- Rain
- ⊙ Fog
- ⊙ Snow
- ⊙ Thunderstorm
- Isobar

Wind direction is shown by arrows flying with the wind and force, on Beaufort's scale, is indicated by the number of feathers.

The materials used for preparing this chart are taken from the telegraphic reports of our stations home and abroad, the Weather Map of the Weather Bureau, Washington, the Met. Bulletin of the Weather Bureau, Manila, the Bulletin Météorologique of the Observatoire Central de L'Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Zi-Ka-Wei Observatory and the met. logs of the Japanese merchant marine.

Station	Taihoku	Naha	Nagasaki	Siomasaki	Kobe	Tyosi	Hatidyosima	Titi zima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E
Atm. Pressure (Red to m.s.l. and Std. Gr. * not reduced to Std. Gr.)	757.7	752.4	759.4	756.4	759.7	754.5	752.3	757.1	758.6	756.7	754.7	757.9	762.4	762.9	761.0	761.0	764.1
Air Temperature (in C)	21.8	24.6	22.6	24.5	23.0	21.1	24.8	20.6	18.0	15.1	16.1	14.0	20.5	16.9	14.5	16.4	22.2
Direction and Force of Winds (0-12)	SE 2	ENE 5	N 4	SW 2	N 6	SSW 2	SSW 6	NW 2	SSW 2	N 3	ENE 2	calm	NE 3	S 5	SW 3	W 2	SE 4
Weather	rain	rain	clear	fair	clear	rain	cloudy	fair	rain	rain	rain	cloudy	clear	clear	cloudy	cloudy	clear
Station	Shanghai	Hankow	Rasa	Palau	Hongkong	Manila	Surigao	Guam	Yap	Phu-Lien	Cap-S-Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	14 ^h	14 ^h	14 ^h	14 ^h	14 ^h	10 ^h	10 ^h	20 ^h	18 : 30 ^h	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W
Atm. Pressure (Red to m.s.l. and Std. Gr. * not reduced to Std. Gr.)	762.7	763.6	754.1	755.6	757.1	754.7	756.3	756.1	-	759.8	759.9	761.0	762.0	745.7	742.7	724.9	742.2
Air Temperature (in C)	22.3	16.	26.8	29.7	30.	29.	32.	-	-	29.	26.	26.	24.	1.	11.	7.	6.
Direction and Force of Winds (0-12)	NE 4	S 2	SSE 5	WNW 2	W 2	SW 4	WSW 2	NE 1	-	ENE 2	SW 2	E 1	NE 3	E 2	S -	S -	NE -
Weather	cloudy	clear	rain	clear	clear	fair	clear	cloudy	-	fair	cloudy	fair	fair	cloudy	cloudy	cloudy	cloudy

日八十月九年二十正大

圖氣天洋平大北

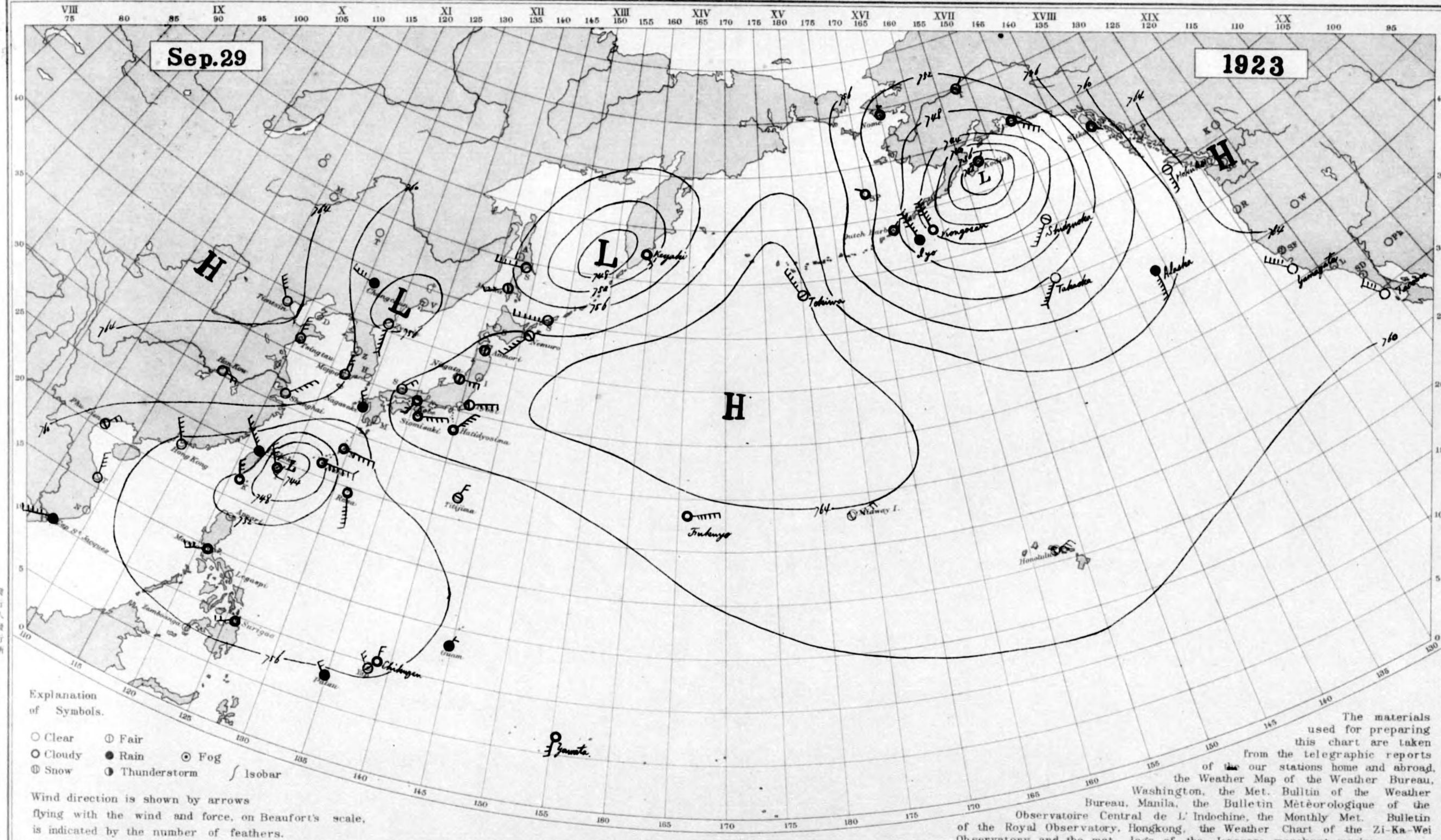
號一七五二第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 272



Explanation of Symbols.

- Clear
- ⊙ Fair
- ☁ Cloudy
- Rain
- ⊙ Fog
- ⊙ Snow
- ⊙ Thunderstorm
- Isobar

Wind direction is shown by arrows flying with the wind and force, on Beaufort's scale, is indicated by the number of feathers.

The materials used for preparing this chart are taken from the telegraphic reports of our stations home and abroad, the Weather Map of the Weather Bureau, Washington, the Met. Bulletin of the Weather Bureau, Manila, the Bulletin Météorologique of the Observatoire Central de L'Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Zi-Ka-Wei Observatory and the met. logs of the Japanese merchant marine.

Station	Thihoku	Naha	Nagasaki	Siomisaki	Kobe	Tyosi	Hatidyosima	Titiyama	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E
Atm. Pressure (Red. to m.s.l. and Std. Gr.)	754.4	746.6	759.2	760.7	761.4	763.0	761.7	759.0	762.1	762.3	760.6	757.7	760.6	755.9	756.1	764.2	762.4
Air Temperature (in C)	21.3	28.2	20.7	23.2	24.4	22.2	24.9	29.8	21.2	20.5	17.7	23.2	22.5	19.0	9.2	21.0	21.1
Direction and Force of Winds (0-12)	NW 6	E 7	NNW 2	ENE 5	SSW 2	ENE 4	NE 5	NNE 2	E 3	calm	SW 5	WSW 3	N 3	S 7	WNW 4	NW 4	N 4
Weather	rain	cloudy	rain	cloudy	cloudy	fair	cloudy	fair	fair	fair	fair	fair	clear	clear	rain	clear	clear
Station	Shanghai	Hankow	Rasa	Palau	Hongkong	Manila	Surigao	Guam	Yap	Phu-Lien	Cap-S-Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	14 ^h	14 ^h	14 ^h	14 ^h	14 ^h	10 ^h	10 ^h	20 ^h	18:30 ^h	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W
Atm. Pressure (Red. to m.s.l. and Std. Gr.)	760.8	762.8	753.8	756.8	755.9	*754.2	*757.1	*756.1	*757.0	*759.9	*760.5	761.0	763.0	749.3	756.4	748.3	731.0
Air Temperature (in C)	23.8	25.	27.5	28.3	29.	28.	32.	-	-	29.	22.	26.	24.	0.	12.	6.	9.
Direction and Force of Winds (0-12)	NE 5	E 2	SSE 6	NW 2	NW 4	WSW 3	WSW 2	NE 1	NW 2	NNE 2	WSW 6	NE 3	NE 4	N 1	SE -	NE -	NE -
Weather	clear	clear	cloudy	rain	clear	cloudy	cloudy	rain	fair	fair	rain	fair	fair	cloudy	cloudy	cloudy	cloudy

日九十月九年十正大

圖氣天洋平大北

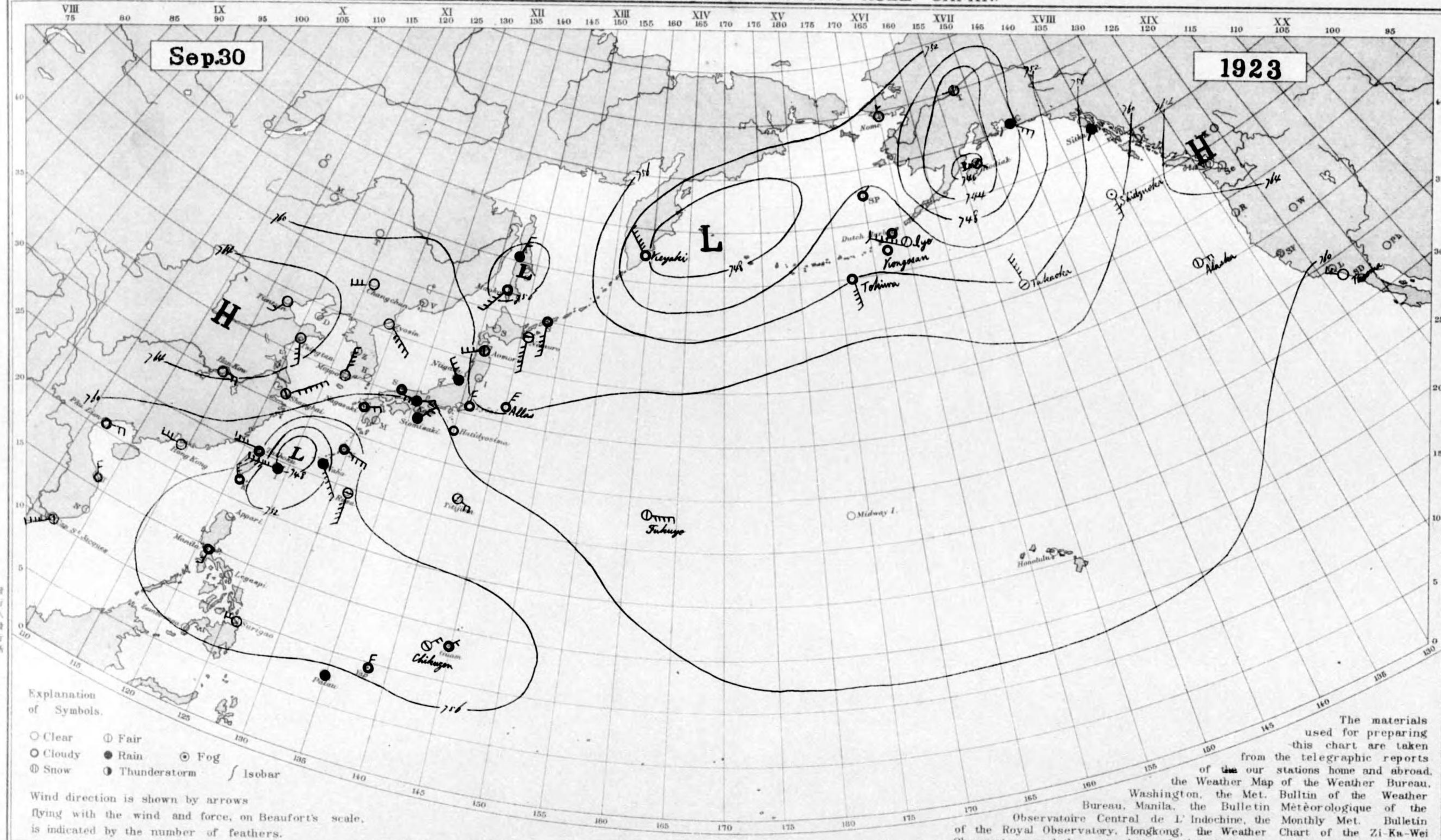
號二十七第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN.

No. 273



Explanation of Symbols.

- Clear
- ⊙ Fair
- ☁ Cloudy
- Rain
- ⊙ Fog
- ⊙ Snow
- ⊙ Thunderstorm
- Isobar

Wind direction is shown by arrows flying with the wind and force, on Beaufort's scale, is indicated by the number of feathers.

The materials used for preparing this chart are taken from the telegraphic reports of our stations home and abroad, the Weather Map of the Weather Bureau, Washington, the Met. Bulletin of the Weather Bureau, Manila, the Bulletin Météorologique of the Observatoire Central de L'Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Zi-Ka-Wei Observatory and the met. logs of the Japanese merchant marine.

Station	Taihoku	Naha	Nagasaki	Siomisaki	Kobe	Tyosi	Hatidoyosima	Titiizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtan
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E
Atm. Pressure (Red. to m.s.l. and Std. Gr.)	756.6	748.3	759.3	758.7	759.8	760.1	760.5	759.3	761.0	759.1	757.9	755.2	761.2	764.3	763.2	765.3	764.9
Air Temperature (in C)	20.2	26.0	22.0	20.6	20.8	21.7	25.9	29.4	18.9	23.3	17.0	12.1	23.4	18.0	16.8	21.2	20.3
Direction and Force of Winds (0-12)	W 4	SE 6	ENE 2	NE 3	ENE 2	N 2	calm	ESE 2	NW 3	WSW 3	S 6	SW 5	N 5	SE 5	WSW 3	SW 2	SSE 4
Weather	rain	rain	cloudy	rain	rain	cloudy	cloudy	fair	rain	fair	fair	cloudy	clear	clear	clear	clear	clear

Station	Shanghai	Hankow	Rasa	Palau	Hongkong	Manila	Surigao	Guam	Yap	Phu-Lien	Cap-S-Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	14 ^h	14 ^h	14 ^h	14 ^h	14 ^h	10 ^h	10 ^h	20 ^h	18 : 30 ^h	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W
Atm. Pressure (Red. to m.s.l. and Std. Gr.)	762.4	764.1	755.9	756.4	757.1	756.0	757.1	755.2	756.0	760.4	759.0	-	-	750.3	756.9	753.4	738.1
Air Temperature (in C)	23.7	25.	28.3	25.4	29.	30.	32.	-	-	29.	29.	-	-	-	13.	4.	8.
Direction and Force of Winds (0-12)	NE 6	E 2	S 5	calm	W 3	S 2	W 2	NE 1	N 2	ENE 2	SW 4	-	-	N 1	SW -	calm	SE -
Weather	fair	clear	fair	rain	clear	cloudy	clear	cloudy	cloudy	cloudy	fair	-	-	clear	rain	cloudy	fair

日十月九年二十正大

圖氣天洋平大北

號 三十七百一第

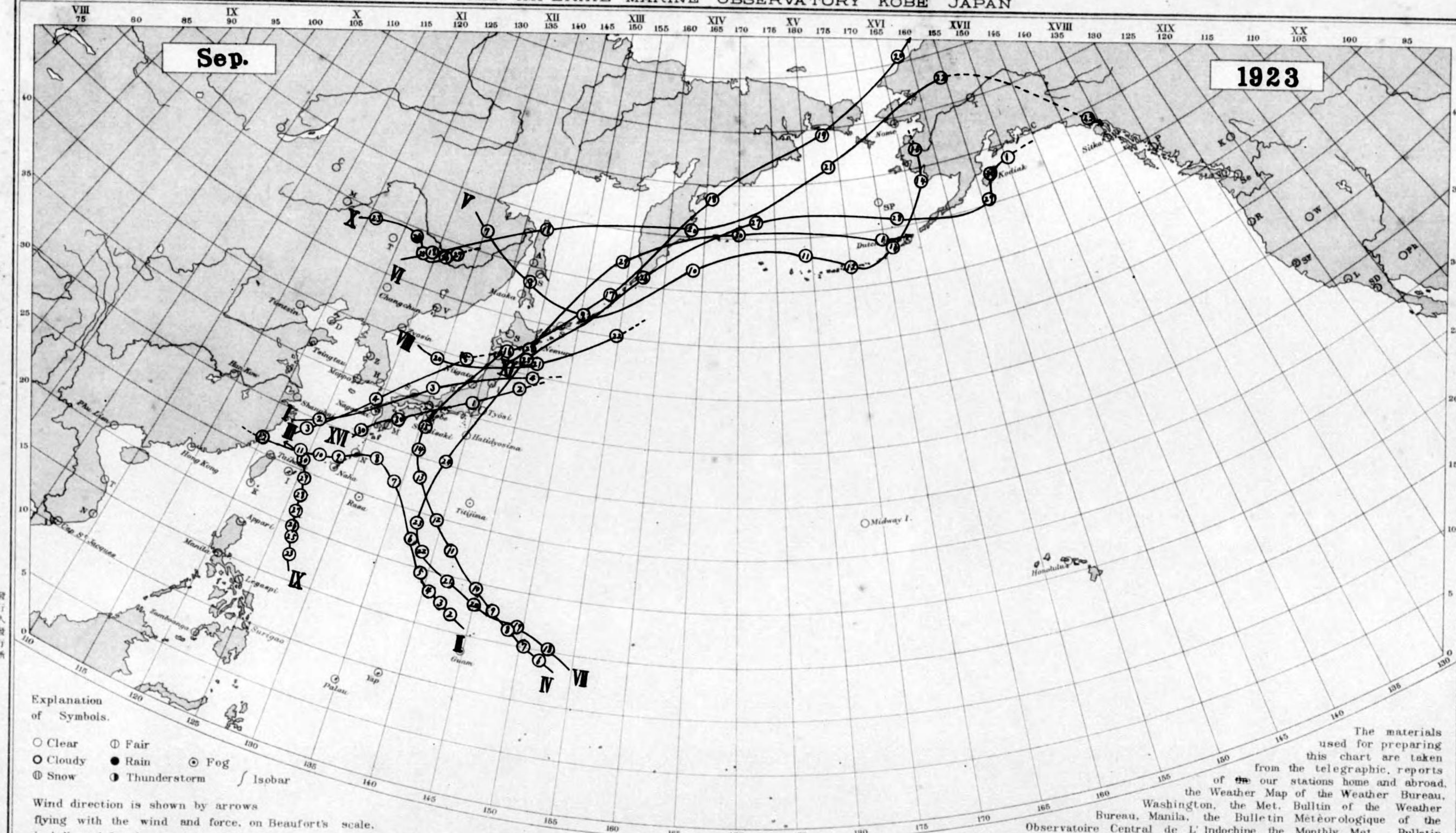
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

No

Appendix: Tracks of Cyclones

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN



印 發
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Explanation of Symbols.

- Clear
- ☉ Fair
- ☁ Cloudy
- Rain
- ☁ Fog
- ❄ Snow
- ⚡ Thunderstorm
- Isobar

Wind direction is shown by arrows flying with the wind and force, on Beaufort's scale, is indicated by the number of feathers.

The materials used for preparing this chart are taken from the telegraphic reports of our stations home and abroad, the Weather Map of the Weather Bureau, Washington, the Met. Bulletin of the Weather Bureau, Manila, the Bulletin Météorologique of the Observatoire Central de L'Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Zi-Ka-Wei Observatory and the met. logs of the Japanese merchant marine.

Station	Taihoku	Naha	Nagasaki	Siomisaki	Kobe	Tyosi	Hatidyosima	Titizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E
Atm. Pressure (Red. to m.s.l. and Sred. Gr.)																	
Air Temperature (in C)																	
Direction and Force of Winds (0-12)																	
Weather																	
Station	Shanghai	Hankow	Rasa	Palau	Hongkong	Manila	Surigao	Guam	Yap	Phu-Lien	Cap-S-Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	14 ^h	14 ^h	14 ^h	14 ^h	14 ^h	10 ^h	10 ^h	20 ^h	18 : 30 ^h	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W	20 ^h , 135 W
Atm. Pressure (Red. to m.s.l. and Sred. Gr.)						*	*	*	*	*	*						
Air Temperature (in C)																	
Direction and Force of Winds (0-12)																	
Weather																	

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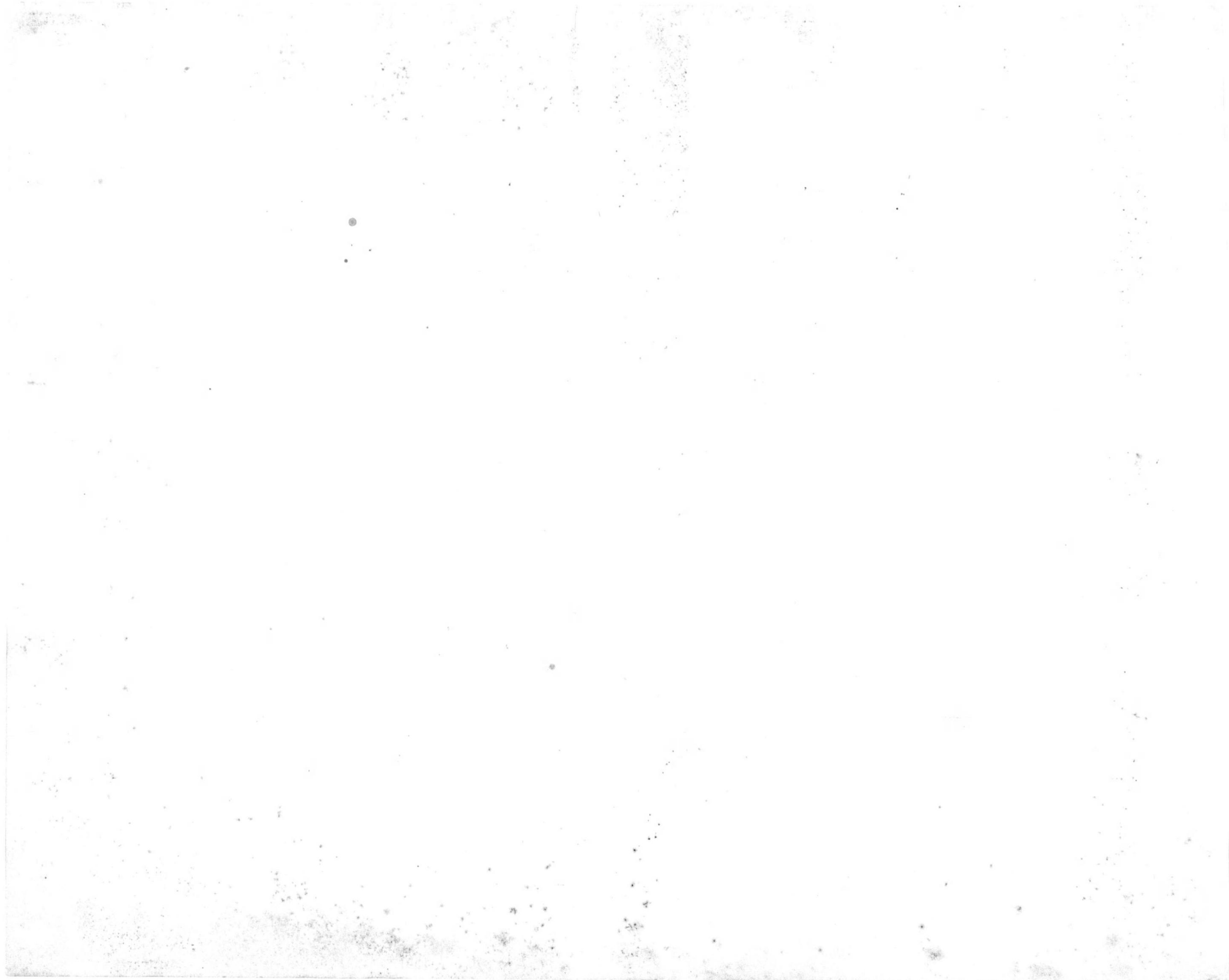
不許複製

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神戸市中山手通七丁目

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大正十三年五月二十二日發行
大正十三年五月十七日印刷



終