

北太平洋天氣圖

大正二十年七月

神戶

海天氣象臺

DAILY WEATHER CHARTS

OF THE

NORTH PACIFIC OCEAN.

JULY

1923



THE IMPERIAL MARINE OBSERVATORY,
KOBE, JAPAN.

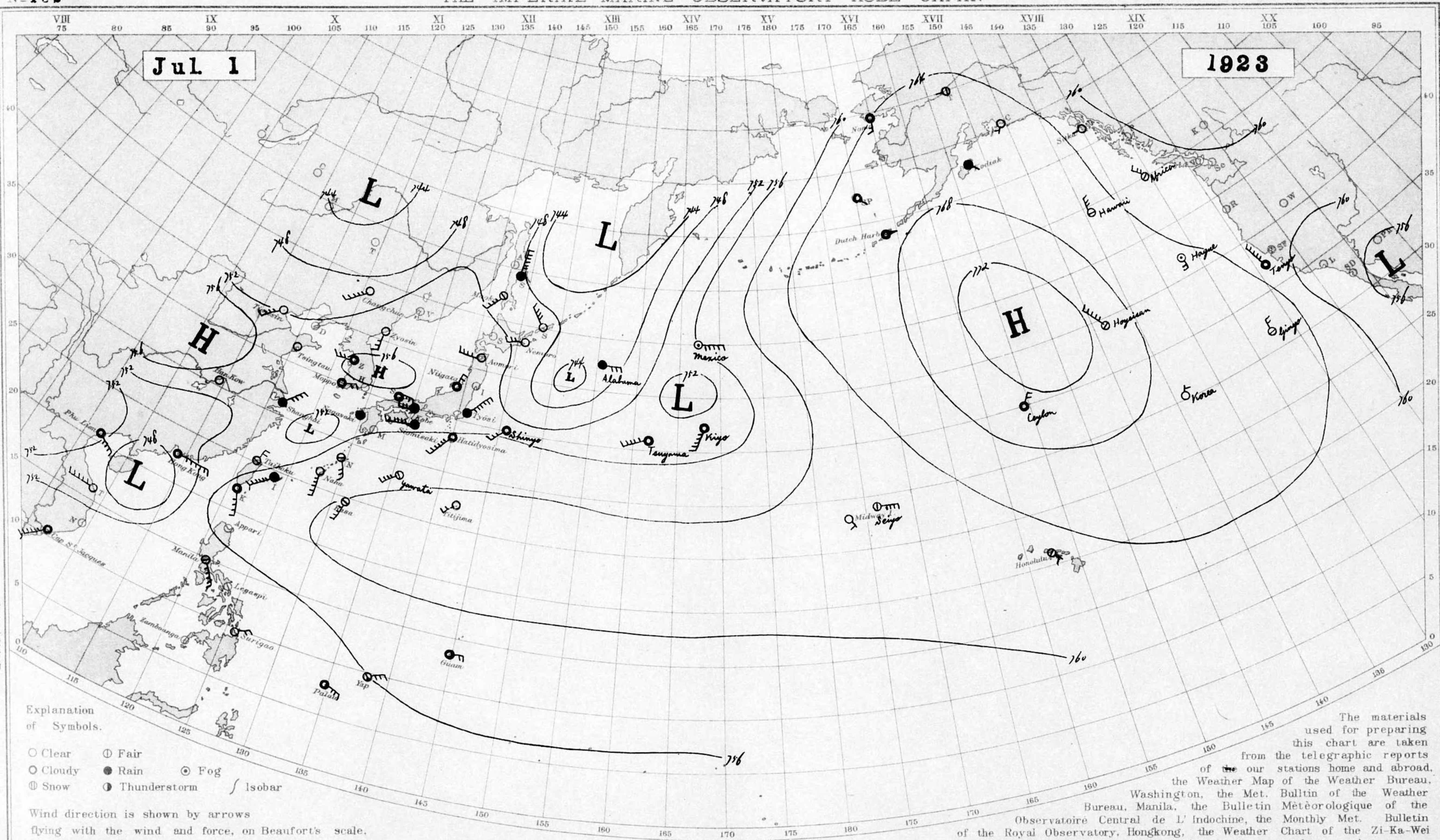
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DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 182



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	Simi saki 12 ^h , 135 E	Kobe 12 ^h , 135 E	Tyosi 12 ^h , 135 E	Hatidyosima 12 ^h , 135 E	Titizima 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 Strd. Gr.)	754.1	758.0	754.9	754.5	754.2	754.5	756.4	760.6	755.3	754.4	750.9	750.2	755.3	753.7	748.2	751.8	754.0
Air Temperature (in C)	32.3	31.7	22.5	32.7	23.0	16.8	24.6	30.0	21.3	25.7	21.8	14.9	20.8	20.9	30.2	-	25.4
Direction and Force of Winds (0-12)	N 2	S 5	calm	WSW 6	W 3	NE 6	SW 6	SW 2	NNE 2	W 4	WSW 3	SW 4	ENE 2	S 3	SW 5	SW 4	calm
Weather	fair	clear	rain	rain	rain	rain	cloudy	clear	cloudy	clear	clear	fair	cloudy	clear	clear	clear	clear
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 Strd. Gr.)	755.1	755.9	760.1	756.1	750.8	*756.0	*757.0	*758.7	*757.9	*752.7	*757.8	763.0	762.5	764.5	763.5	767.1	765.5
Air Temperature (in C)	20.5	-	29.8	29.3	28	31.	32.	-	-	31.	27.	23.	26.	9.	12.	8.	10.
Direction and Force of Winds (0-12)	NE 4	calm	SSW 4	ESE 3	E 6	SE 5	ENE 2	E 2	ENE 3	ESE 4	SW 7	SE 1	SE 1	S 2	W -	E -	SE -
Weather	rain	clear	fair	cloudy	cloudy	fair	clear	cloudy	fair	cloudy	cloudy	fair	fair	cloudy	clear	cloudy	rain

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神戸市中山手通七丁目

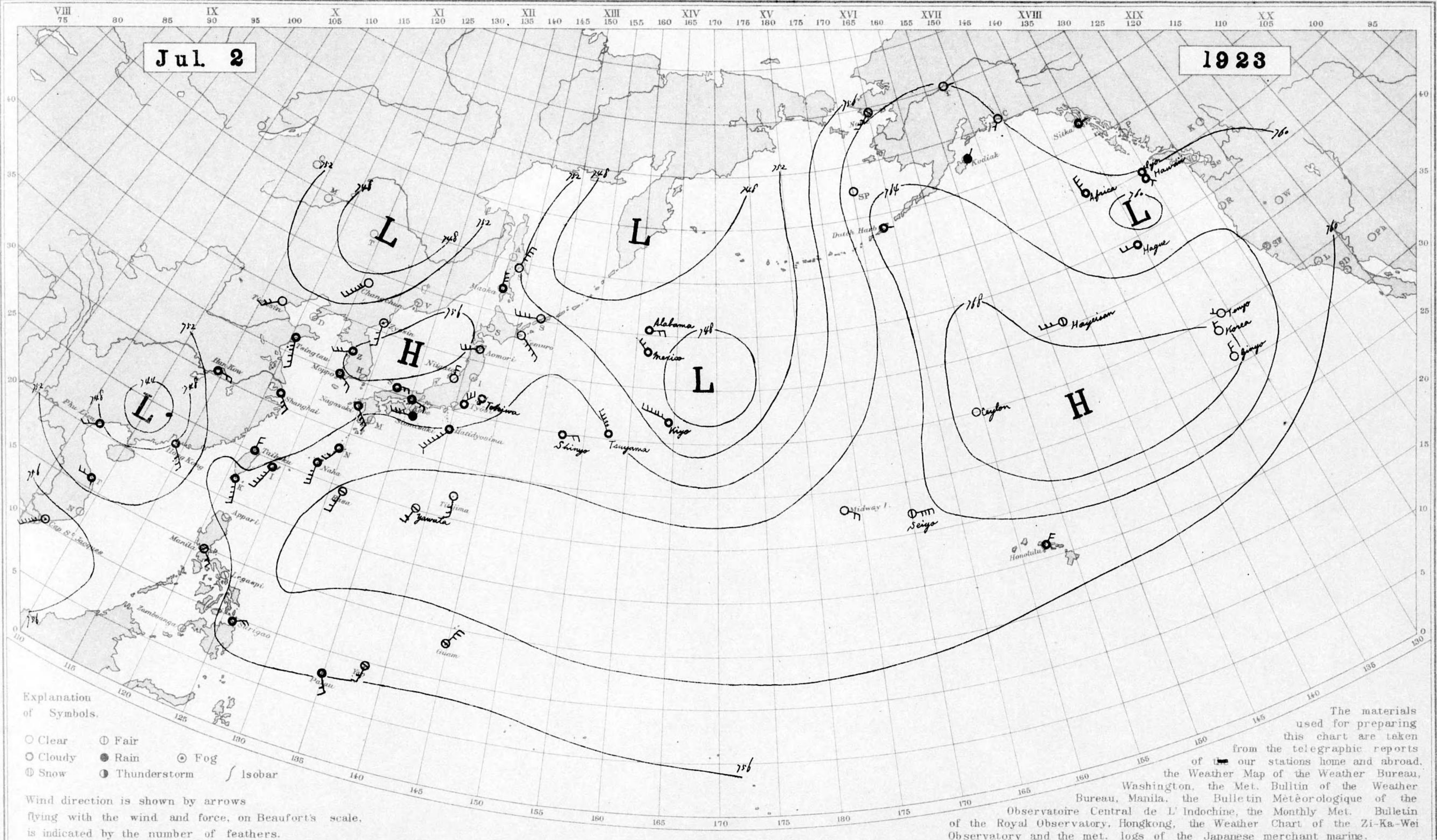
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DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 183



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 , 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 (Red. to m.s.l. and Strd. Gr.)	755.9	758.8	755.8	755.1	755.9	755.7	768.7	760.5	756.4	755.6	753.2	754.1	755.8	755.5	748.9	752.9	755.3
Air Temperature (in C)	32.0	30.1	24.3	23.2	25.0	17.9	24.0	30.5	22.2	25.6	17.3	14.2	25.6	19.1	30.0	-	21.2
Direction and Force of Winds (0-12)	N 2	S 4	SE 4	W 4	ESE 2	NNE 3	SW 7	S 3	N 2	WSW 3	SE 4	N 3	ESE 2	S 3	SW 6	SW 3	SSE 5
Weather	cloudy	cloudy	cloudy	rain	cloudy	cloudy	cloudy	clear	clear	clear	clear	cloudy	cloudy	fog	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 (Red. to m.s.l. and Strd. Gr.)	754.4	754.8	760.3	756.1	747.8	*757.4	*758.1	*758.1	*758.2	*750.7	*757.2	762.5	762.5	759.5	758.9	765.0	760.5
Air Temperature (in C)	25.8	-	30.3	28.3	27.0	33.	28.	-	-	30.	27.	24.	26.	8.	7.	7.	9.
Direction and Force of Winds (0-12)	SE 3	E 2	SSW 3	SSE 2	SE 3	SE 2	ENE 2	NE 3	SSW 2	WSW 2	SW 6	NE 2	SE 2	SW 3	E -	E -	NE -
Weather	cloudy	cloudy	fair	cloudy	cloudy	fair	cloudy	fair	fair	cloudy	fog	cloudy	fair	fair	cloudy	cloudy	rain

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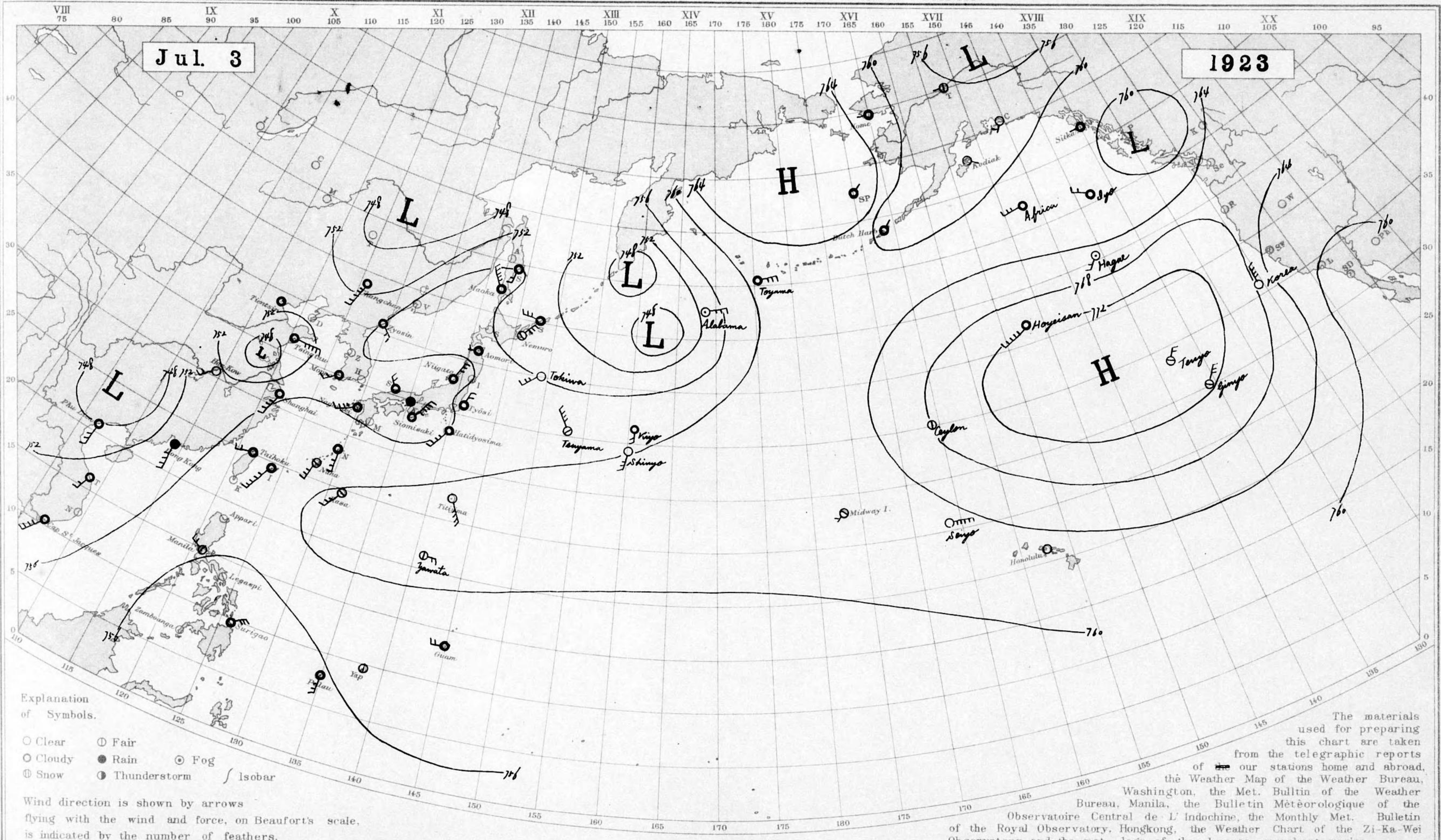
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DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 184



Explanation of Symbols.

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

Wind direction is shown by arrows flying with the wind 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.

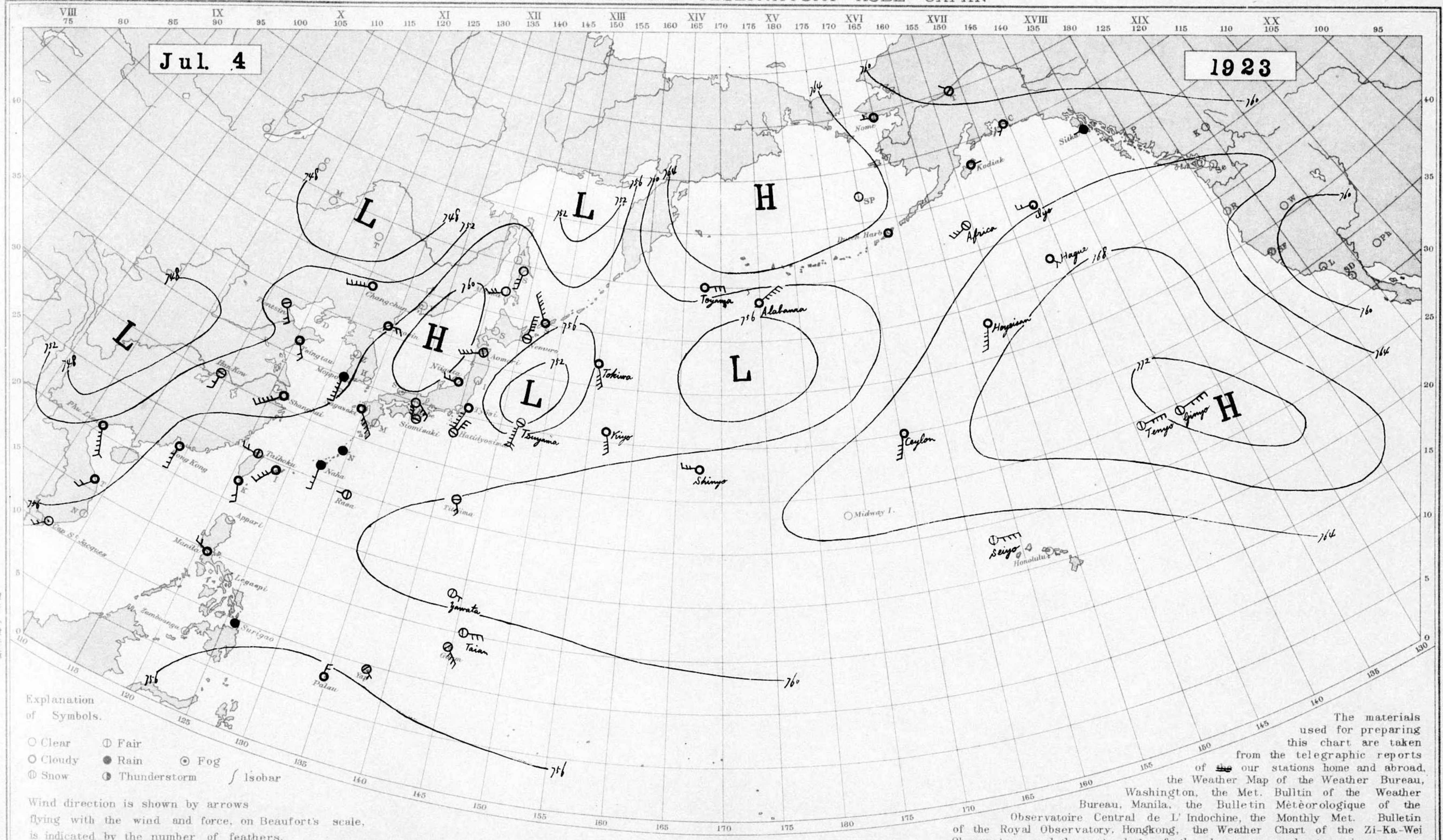
Station	Taihoku	Naha	Nagasaki	Siomi saki	Kôbe	Tyosi	Hatidyosima	Titizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	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 Strd. Gr. * not reduced to Strd. Gr.)	757.1	759.0	755.3	753.2	755.5	756.7	756.0	760.3	756.1	756.9	754.0	756.1	755.6	756.0	750.9	753.5	748.8
Air Temperature (in C)	31.8	31.7	23.7	22.1	19.6	20.3	22.2	30.3	21.8	26.3	18.3	11.1	25.4	20.1	27.2	-	20.8
Direction and Force of Winds (0-12)	WSW 2	SSW 3	WSW 4	NE 5	calm	NNE 2	SW 4	SSE 4	NNE 3	W 1	NE 3	NNW 5	SW 2	SE 2	SSW 5	calm	E 5
Weather	cloudy	fair	cloudy	cloudy	rain	cloudy	cloudy	clear	cloudy	cloudy	fair	cloudy	cloudy	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	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. * not reduced to Strd. Gr.)	755.6	752.5	760.4	757.4	754.7	* 757.6	* 757.2	* 758.5	* 758.4	* 750.5	* 756.1	763.0	762.5	762.0	761.5	758.9	758.9
Air Temperature (in C)	28.2	-	29.8	26.7	28.	29.	30.	-	-	26.	27.	24.	26.	8.	11.	8.	12.
Direction and Force of Winds (0-12)	SSW 4	SW 2	SW 3	S 3	S 4	WNW 2	ENE 3	W 2	calm	S 3	SW 4	NE 2	SW 1	W -	W -	NE -	SE -
Weather	cloudy	clear	fair	cloudy	rain	fair	cloudy	cloudy	fair	cloudy	cloudy	clear	fair	cloudy	cloudy	cloudy	clear

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 185



Explanation of Symbols.

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

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	Siemi saki	Kôbe	Tyosi	Hatidyosima	Titi zima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsia	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.)*	758.7	759.7	758.3	759.8	758.8	757.8	759.5	759.9	759.6	757.8	758.0	759.1	755.2	753.7	752.4	753.2	753.3
Air Temperature (in C)	31.0	29.1	23.5	25.2	25.4	23.3	23.5	29.5	23.6	22.6	11.8	13.6	22.7	21.8	22.9	-	23.6
Direction and Force of Winds (0-12)	W 2	S 3	SE 5	N 3	SE 3	SSW 5	NE 3	SSE 2	W 2	WSW 4	NNE 5	WSW 3	S 5	E 2	WSW 5	SE 2	SE 2
Weather	fair	rain	cloudy	fair	clear	cloudy	fair	fair	cloudy	fair	fair	clear	rain	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 Strd. Gr.)*	755.0	753.7	760.1	757.4	758.0	*757.7	*758.0	*758.6	*759.2	*754.2	*758.6	-	-	761.5	763.5	761.5	761.0
Air Temperature (in C)	29.	-	29.8	29.	30.	30.	25.	-	-	29.	26.	-	-	8.	11.	8.	11.
Direction and Force of Winds (0-12)	SW 5	S 2	W 1	N 2	S 4	WNW 2	calm	SE 4	SE 1	SSE 7	SW 2	-	-	W 1	W -	calm	E -
Weather	cloudy	fair	fair	cloudy	cloudy	cloudy	rain	fair	fair	cloudy	fog	-	-	cloudy	rain	cloudy	cloudy

日 四 月 七 年 二 十 正 大

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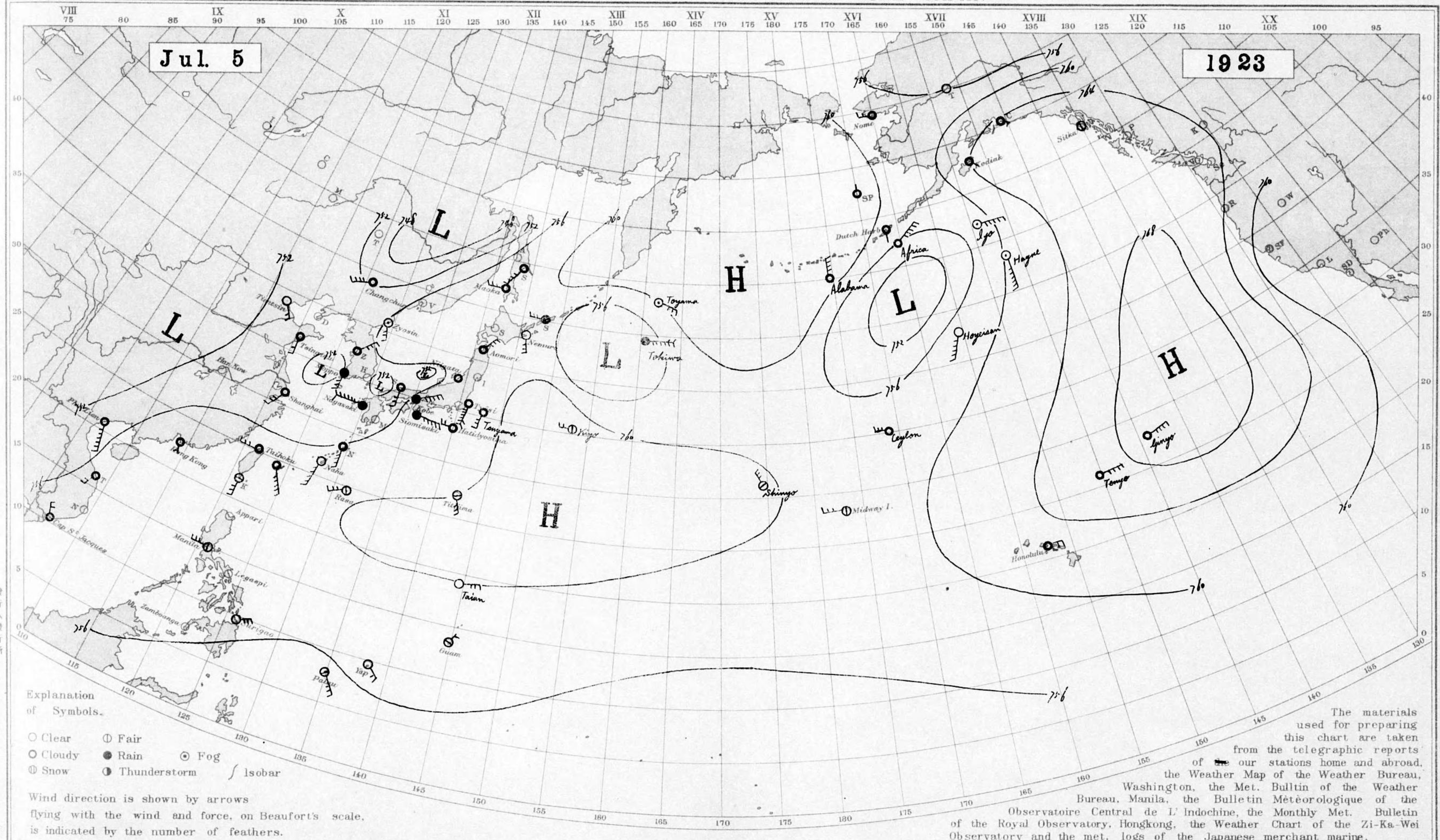
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DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 186



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.

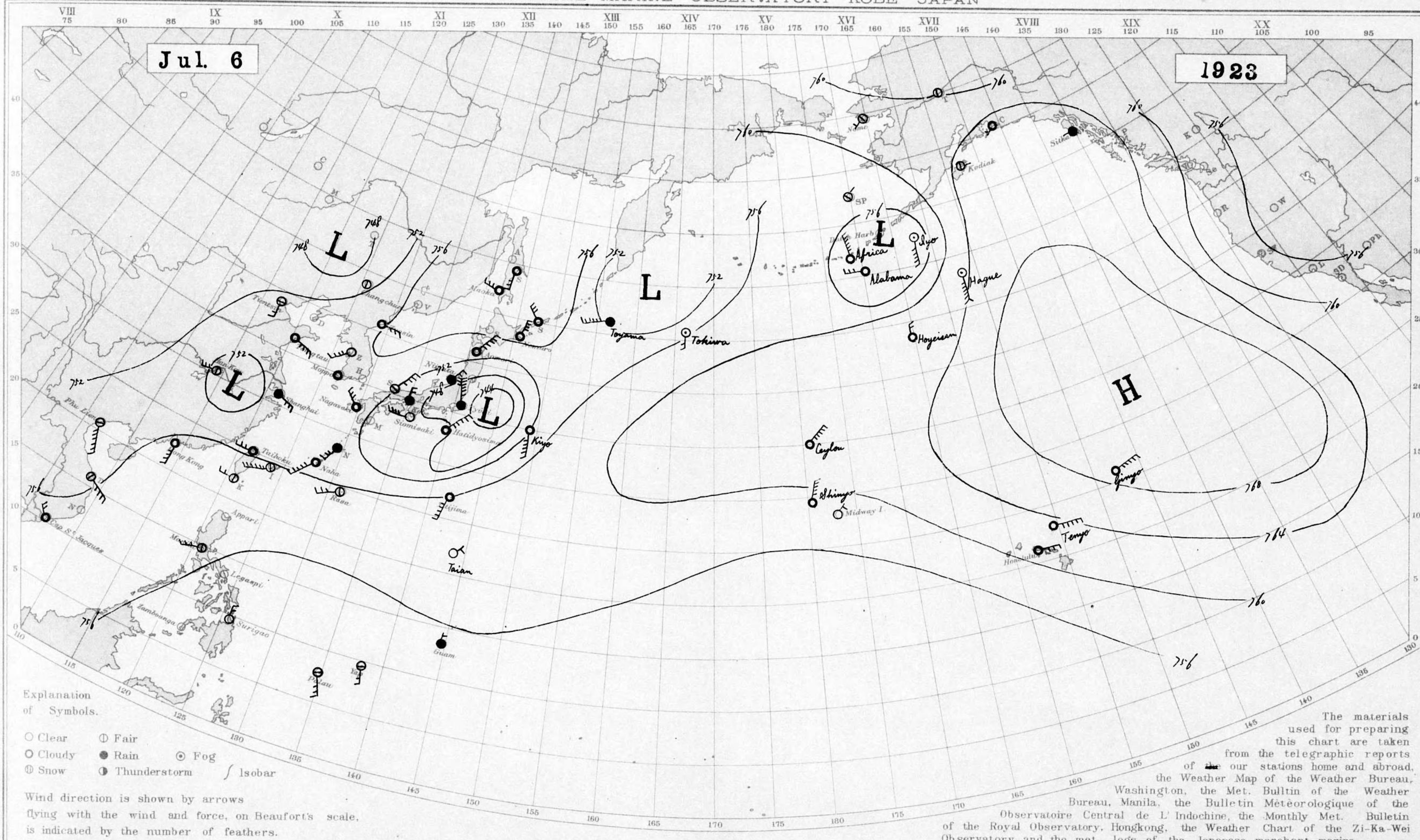
Station	Taihoku	Naha	Nagasaki	Siomisaki	Kôbe	Tyosi	Hatidyosma	Titizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^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. * not reduced to Strd. Gr.)	758.5	758.9	752.8	757.1	756.3	759.3	759.2	759.4	756.6	758.7	759.4	759.3	752.0	756.1	751.2	753.3	753.1
Air Temperature (in C)	32.5	31.7	23.4	19.9	20.4	22.2	24.4	29.9	22.4	21.4	16.4	14.8	21.8	18.1	24.8	-	23.4
Direction and Force of Winds (0-12)	W 3	SSW 5	W 7	E 5	ENE 5	SSW 8	W 2	SSE 3	calm	NE 3	SSE 3	W 3	S 3	SSE 3	WSW 4	SE 2	S 2
Weather	cloudy	clear	rain	rain	rain	cloudy	cloudy	fair	cloudy	cloudy	clear	cloudy	fair	fog	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 Strd. Gr. * not reduced to Strd. Gr.)	753.6	-	761.0	757.2	759.2	* 758.7	* 758.2	* 758.2	* 758.5	* 757.0	* 759.1	761.5	757.9	758.9	765.0	760.0	764.0
Air Temperature (in C)	29.7	-	30.1	29.9	26.0	31.	32.	-	-	29.	26.	26.	24.	9.	13.	11.	11.
Direction and Force of Winds (0-12)	SW 3	-	WSW 3	SE 3	SSE 1	W 3	ENE 3	NE 1	SE 2	SSE 6	NNW 2	E 2	W 3	W 2	calm	S -	SE -
Weather	cloudy	-	fair	fair	cloudy	fair	clear	fair	clear	cloudy	cloudy	cloudy	fair	cloudy	fair	cloudy	cloudy

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 187



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	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. * not reduced to Strd. Gr.)	755.3	755.6	752.8	751.6	751.3	745.6	748.5	756.0	750.7	752.6	757.4	758.5	753.1	755.8	751.9	752.6	753.2
Air Temperature (in C)	32.1	30.9	23.9	24.4	21.8	16.3	19.9	29.6	18.6	19.8	11.2	13.2	24.3	17.2	24.7	-	-
Direction and Force of Winds (0-12)	W 3	SW 5	NW 3	W 4	N 2	NNW 9	NE 5	SSW 5	NE 2	NE 5	NNE 4	WNW 3	calm	E 3	calm	S 2	ESE 4
Weather	cloudy	cloudy	cloudy	clear	rain	rain	cloudy	cloudy	rain	cloudy	cloudy	cloudy	cloudy	cloudy	fair	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 Strd. Gr. * not reduced to Strd. Gr.)	752.5	751.3	757.1	756.4	757.7	757.6	757.0	757.2	757.4	756.7	758.7	761.5	756.9	762.5	765.0	754.4	765.5
Air Temperature (in C)	25.1	-	29.5	30.	29.	30.	31.	-	-	30.	29.	26.	26.	10.	13.	8.	12.
Direction and Force of Winds (0-12)	ESE 3	W 3	WSW 5	SSE 3	S 4	WSW 3	N 2	N 1	SSE 2	SSE 6	NW 2	E 3	NE 1	SW 1	W -	calm	E -
Weather	rain	fair	fair	fair	cloudy	fair	clear	rain	fair	fair	cloudy	cloudy	clear	fair	rain	-	fair

日六月七年十正大

圖氣天洋平大北

號七十八百第

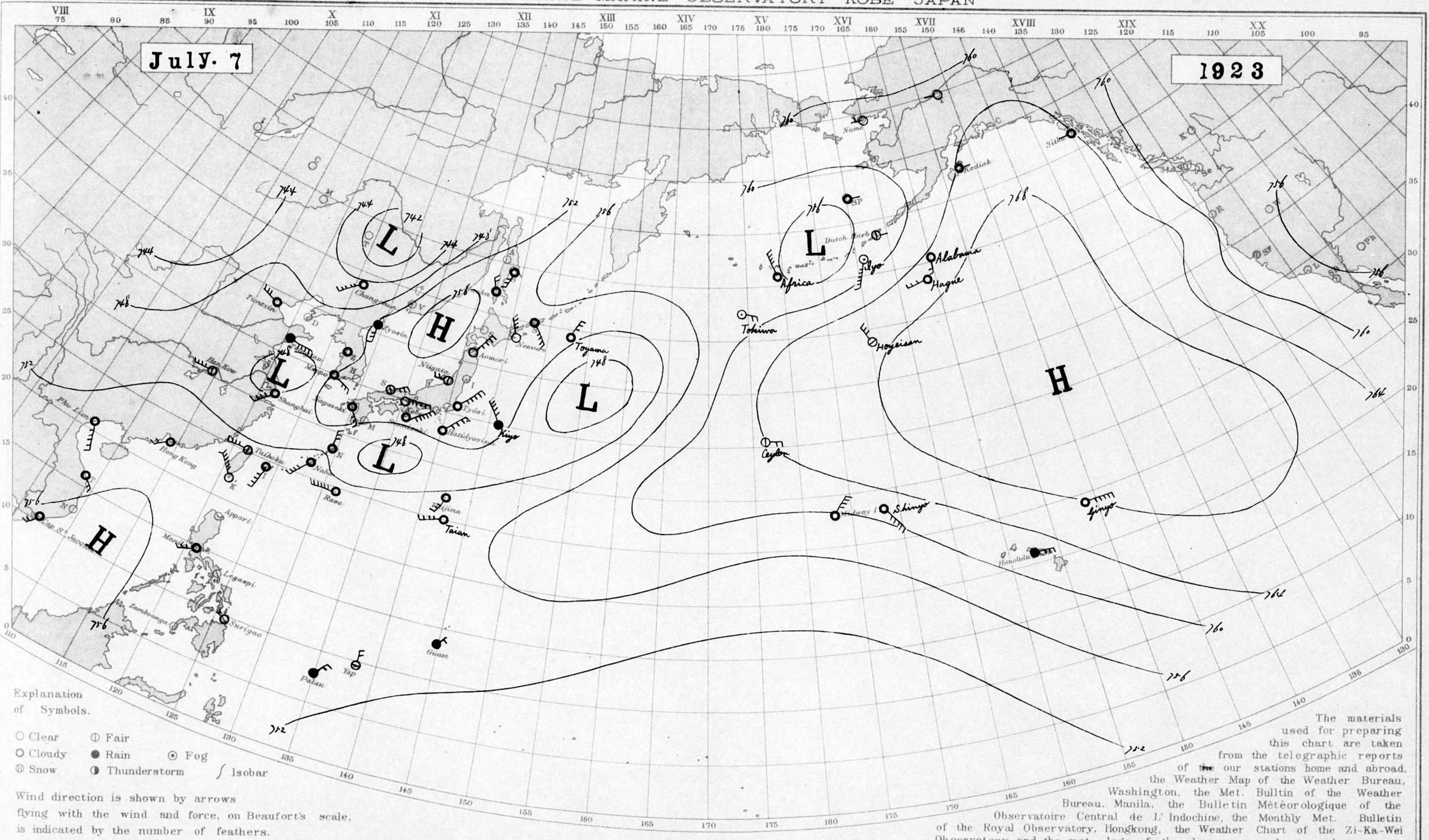
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DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 188



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	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.)*	753.1	753.3	752.5	752.7	753.6	754.0	752.7	753.6	754.0	754.4	754.6	755.0	752.2	754.3	746.2	750.5	750.5
Air Temperature (in C)	32.7	30.1	25.3	22.4	24.0	17.4	23.4	25.6	22.8	20.9	12.3	13.8	25.1	17.4	26.2	-	22.2
Direction and Force of Winds (0-12)	W 4	SW 4	SE 3	NE 6	E 5	NE 5	NE 4	SW 3	W 2	NE 4	NNW 4	NNW 2	ESE 3	S 3	SW 5	WNW 3	E 5
Weather	fair	cloudy	cloudy	cloudy	clear	cloudy	cloudy	cloudy	fair	clear	clear	cloudy	cloudy	rain	cloudy	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 Strd. Gr.)*	748.5	749.8	755.3	756.2	755.9	756.6	756.1	756.8	757.3	755.5	759.5	763.5	759.5	760.5	764.0	758.4	764.0
Air Temperature (in C)	30.2	-	29.3	25.6	30.	29.	31.	-	30.	26.	26.	26.	26.	13.	13.	8.	11.
Direction and Force of Winds (0-12)	SW 4	W 4	W 6	NE 2	SW 2	WSW 3	WNW 1	NE 1	N 2	SSE 5	SW 2	E 3	NE 4	W 1	W -	E -	E -
Weather	cloudy	fair	cloudy	rain	cloudy	cloudy	clear	rain	fair	cloudy	cloudy	rain	cloudy	clear	cloudy	fair	cloudy

日七月七年二十正大

圖氣天洋平大北

號八十八百第

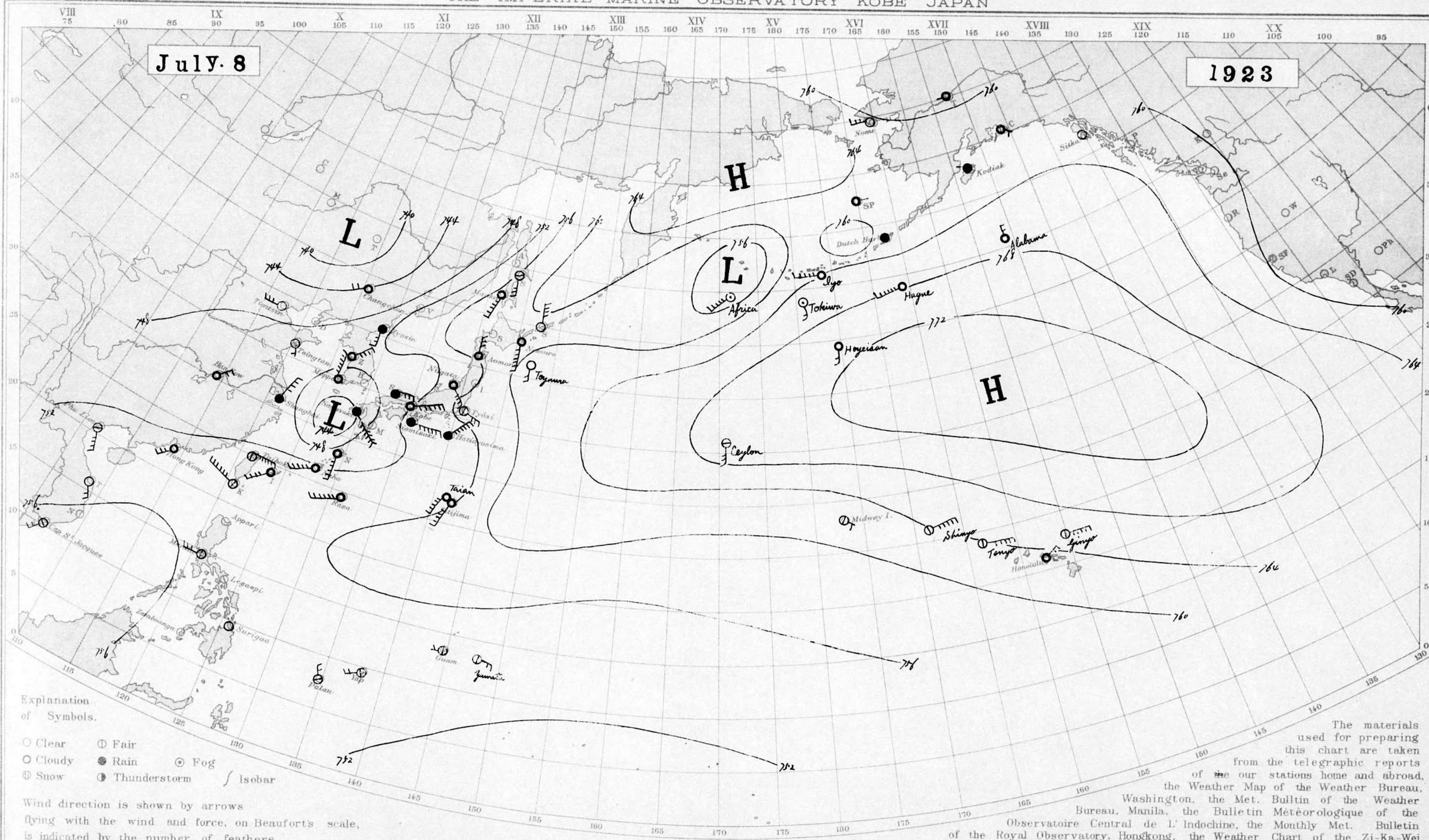
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DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 189



Explanation of Symbols.

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

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	Tyosai	Hatidyosima	Titi zima	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 Strd. Gr. * not reduced to Strd. Gr.)	752.1	752.6	744.2	753.8	751.9	757.3	754.9	755.7	754.0	756.0	759.3	756.3	745.2	751.9	744.3	746.5	750.0
Air Temperature (in C)	33.3	29.9	20.5	12.3	23.8	22.0	21.5	27.6	27.4	22.3	11.7	16.8	20.0	17.2	27.4	-	23.0
Direction and Force of Winds (0-12)	E 6	WSW 5	SE 10	E 6	ENE 6	ESE 3	NE 6	SSW 5	SE 4	N 3	S 6	SSW 5	N 6	S 3	WSW 2	W 3	SSE 1
Weather	fair	cloudy	rain	rain	cloudy	fair	rain	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	rain	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 Strd. Gr. * not reduced to Strd. Gr.)	749.7	750.7	755.0	755.9	754.7	757.0	756.9	756.9	757.2	754.4	759.6	763.5	762.5	760.5	761.5	760.5	762.0
Air Temperature (in C)	23.4	-	29.8	27.5	30.	31.	32.	-	-	31.	29.	24.	24.	13.	16.	8.	11.
Direction and Force of Winds (0-12)	NNE 4	NE 2	WSW 6	INW 2	SW 3	W 3	calm	W 1	W 2	SSE 4	SW 2	NE 2	SE 1	W 3	calm	calm	calm
Weather	rain	cloudy	cloudy	fair	cloudy	fair	clear	fair	fair	fair	fair	cloudy	fair	clear	clear	clear	rain

日八月七年二十正大

圖氣天洋平大北

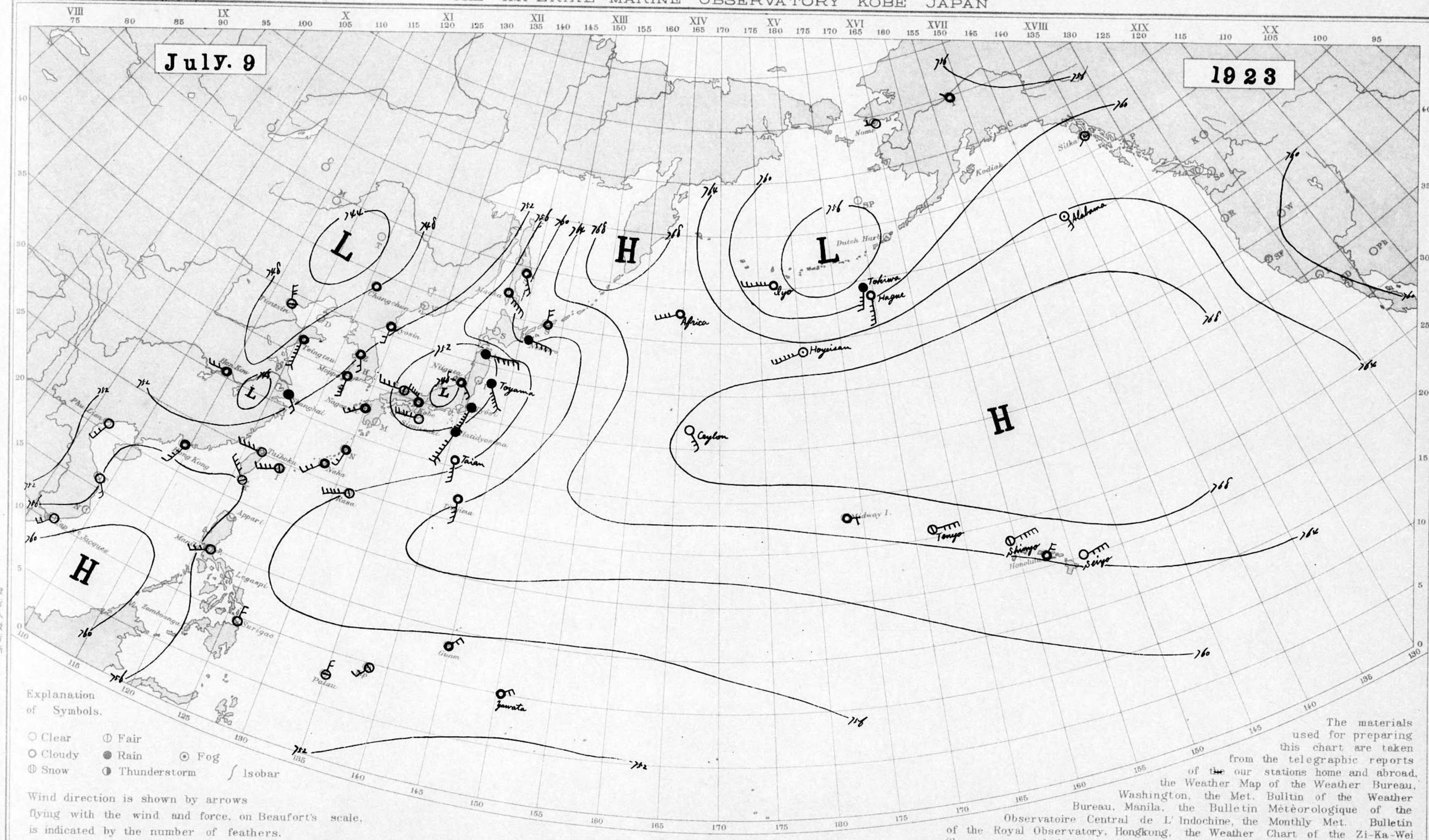
號九十八百第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 190



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	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. * not reduced to Strd. Gr.)	753.8	755.0	753.5	749.4	750.5	751.1	752.4	759.6	748.6	750.2	760.4	757.1	752.5	751.5	747.0	746.9	750.0
Air Temperature (in C)	32.7	31.4	24.7	27.1	24.7	21.6	24.6	28.6	26.9	16.9	10.4	13.1	25.0	18.3	22.7	-	22.4
Direction and Force of Winds (0-12)	W 4	SW 3	SW 3	W 5	WNW 5	SSW 7	SSW 8	S 4	SE 2	E 5	ESE 4	SE 5	S 4	S 2	calm	NNW 3	S 7
Weather	clear	cloudy	cloudy	clear	cloudy	rain	rain	cloudy	cloudy	rain	rain	cloudy	cloudy	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 Strd. Gr. * not reduced to Strd. Gr.)	751.1	750.2	757.2	756.6	755.3	757.5	757.2	757.0	-	754.6	760.6	764.0	765.0	758.9	761.0	-	-
Air Temperature (in C)	21.7	-	30.5	27.5	30.	32.	32.	-	-	33.	28.	24.	26.	11.	18.	-	-
Direction and Force of Winds (0-12)	SE 2	W 3	WSW 5	N 2	SSW 4	WSW 3	N 2	NE 2	SW 2	SSW 3	SW 2	NE 2	E 1	W 1	SW -	-	-
Weather	rain	cloudy	fair	fair	cloudy	clear	clear	cloudy	fair	clear	clear	cloudy	cloudy	clear	clear	-	-

日九月七年二十正大

圖氣天洋平大北

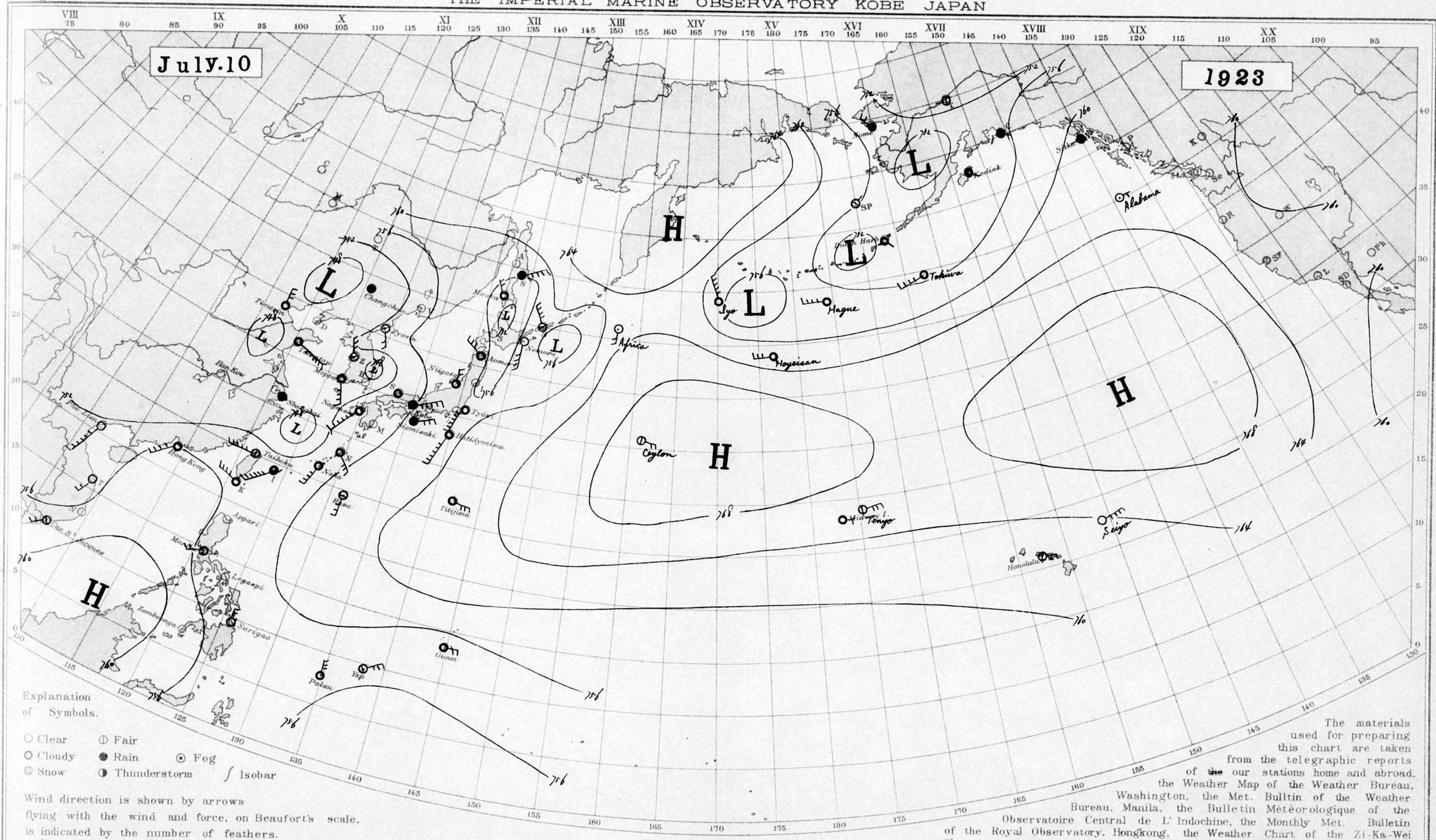
號十九百第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 191



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	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. * not reduced to Strd. Gr.)	753.9	755.3	753.5	757.4	755.7	758.1	759.5	760.5	757.2	757.9	756.4	754.9	750.4	752.4	749.1	748.3	749.6
Air Temperature (in C)	33.4	31.7	25.5	21.7	22.6	24.9	26.2	30.7	22.7	23.2	19.1	15.6	24.5	20.5	19.1	-	22.4
Direction and Force of Winds (0-12)	W 5	SSW 4	SW 7	ENE 3	ENE 5	SSW 6	SSW 6	ESE 3	N 2	NW 3	S 4	MNW 2	SSE 4	SSE 2	calm	N 3	ESE 7
Weather	fair	cloudy	cloudy	rain	rain	cloudy	cloudy	cloudy	cloudy	cloudy	clear	cloudy	cloudy	fog	rain	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	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. * not reduced to Strd. Gr.)	750.7	-	758.4	755.4	755.3	756.6	756.4	755.7	755.3	754.2	760.3	762.5	765.0	754.4	761.0	754.9	754.4
Air Temperature (in C)	24.	-	29.8	27.1	32.	32.	32.	-	-	32.	27.	24.	24.	17.	13.	9.	10.
Direction and Force of Winds (0-12)	calm	-	S 3	N 3	SW 4	WSW 2	N 2	E 2	ENE 3	SW 6	SW 2	E 2	E 1	NW 2	W -	SE -	SE -
Weather	rain	-	fair	cloudy	cloudy	fair	clear	cloudy	fair	clear	fair	fair	cloudy	cloudy	rain	cloudy	cloudy

日十月七年二十正大

圖氣天洋平大北

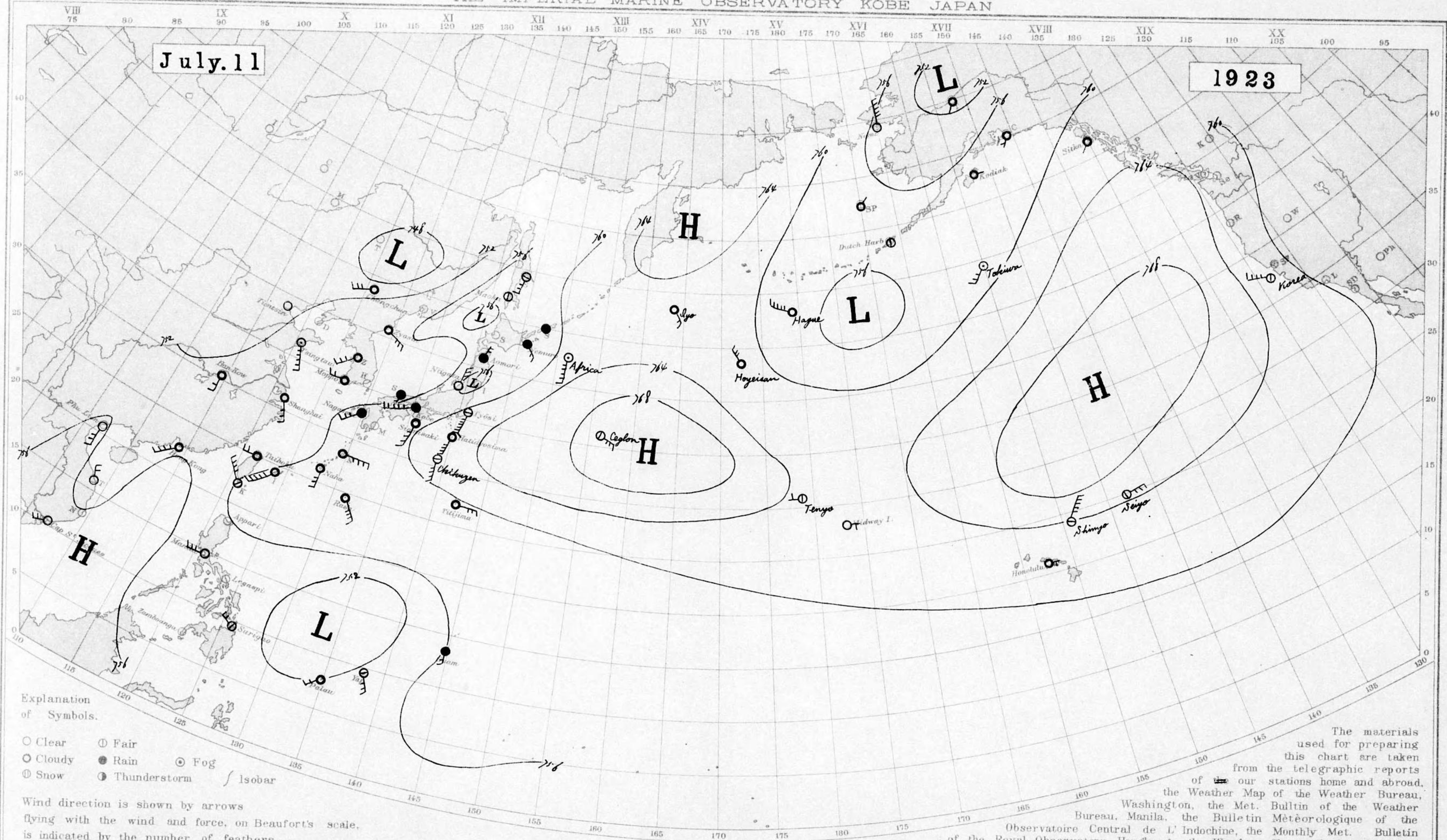
號一十九百第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 192



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	Haidyosima	Titizima	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 (Red. to m.s.l. and Strd. Gr. * not reduced to Strd. Gr.)	755.6	757.3	756.4	759.6	757.9	760.3	761.7	759.9	756.1	757.1	758.2	757.3	754.7	754.8	751.1	751.9	753.0
Air Temperature (in C)	32.1	32.1	22.7	26.2	27.0	25.5	27.5	20.6	19.1	15.1	17.4	23.9	20.6	20.6	26.2	-	22.0
Direction and Force of Winds (0-12)	W 2	S 3	SW 3	SSW 4	WSW 5	SSW 7	SSW 4	E 3	NNF 3	NNE 2	SSE 2	calm	W 2	ESE 3	WSW 3	calm	SSE 5
Weather	cloudy	cloudy	rain	cloudy	rain	fair	cloudy	cloudy	clear	rain	rain	fair	cloudy	cloudy	cloudy	clear	fog
Station	Shanghai	Hankow	Rasa	Palau	Hongkong	Manila	Surigao	Guam	Yap	Phu-Lien	Cap-St-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	20 ^h , 135W	20 ^h , 135W	20 ^h , 135W	20 ^h , 135W
Atm. Pressure (Red. to m.s.l. and Strd. Gr. * not reduced to Strd. Gr.)	753.7	752.6	758.0	753.8	755.6	*756.0	*755.3	*757.5	*754.6	*754.4	*759.4	762.5	763.0	754.4	761.5	756.4	755.9
Air Temperature (in C)	29.1	-	30.	26.1	32.	31.	31.	-	-	32.	27.	23.	26.	8.	12.	10.	11.
Direction and Force of Winds (0-12)	SSE 3	S 2	SE 4	SW 2	SW 4	W 3	WNW 2	S 2	SSE 3	S 3	WSW 2	E 1	E 1	N 5	SW -	calm	E -
Weather	cloudy	cloudy	cloudy	cloudy	cloudy	clear	fair	rain	fair	clear	clear	cloudy	clear	clear	cloudy	fair	cloudy

日一十月七年二十正大

圖氣天洋平大北

號二十九百第

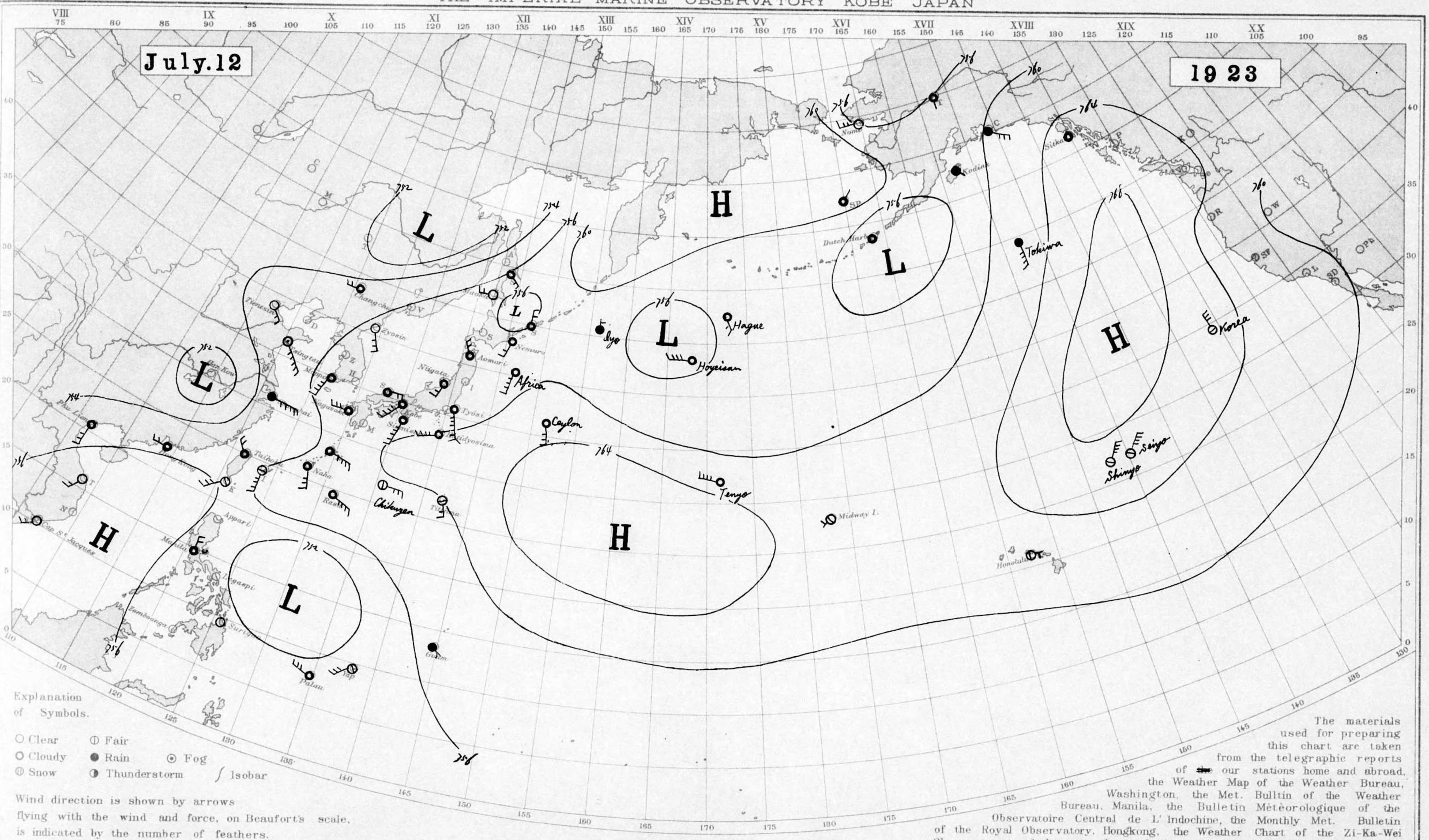
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DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 193



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	Tyosai	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. * not reduced to Strd Gr.)	755.8	757.5	757.7	759.3	758.7	758.4	760.8	759.7	758.2	757.0	755.2	756.2	756.5	756.1	753.1	754.5	755.2
Air Temperature (in C)	31.6	32.1	21.9	25.8	24.7	25.2	27.1	30.6	22.6	23.6	17.5	17.6	23.7	20.8	25.2	-	22.1
Direction and Force of Winds (0-12)	NW 2	SSE 3	W 3	SSW 5	SW 4	SSW 7	WSW 4	SSE 2	SSW 2	NNW 2	SSW 2	W 2	SSW 4	SSE 3	W 2	SE 2	SE 5
Weather	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	fair	cloudy	cloudy	cloudy	clear	cloudy	clear	cloudy	clear	fog
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. * not reduced to Strd Gr.)	753.6	-	757.9	755.2	755.9	755.5	* 755.2	* 758.5	* 756.7	* 755.1	* 759.1	762.0	761.0	755.9	766.6	754.9	-
Air Temperature (in C)	24.7	-	31.0	28.3	32.	31.	30.	-	-	32.	27.	24.	26.	8.	13.	9.	-
Direction and Force of Winds (0-12)	E 5	-	ESE 4	WNW 3	W 2	N 2	W 3	SE 1	SW 3	S 3	SW 2	E 1	SW 1	W 3	calm	calm	SE -
Weather	rain	-	cloudy	cloudy	cloudy	cloudy	fair	rain	fair	cloudy	clear	fair	fair	clear	cloudy	cloudy	rain

日二十月七年二十正大

圖氣天洋平大北

號五十九第

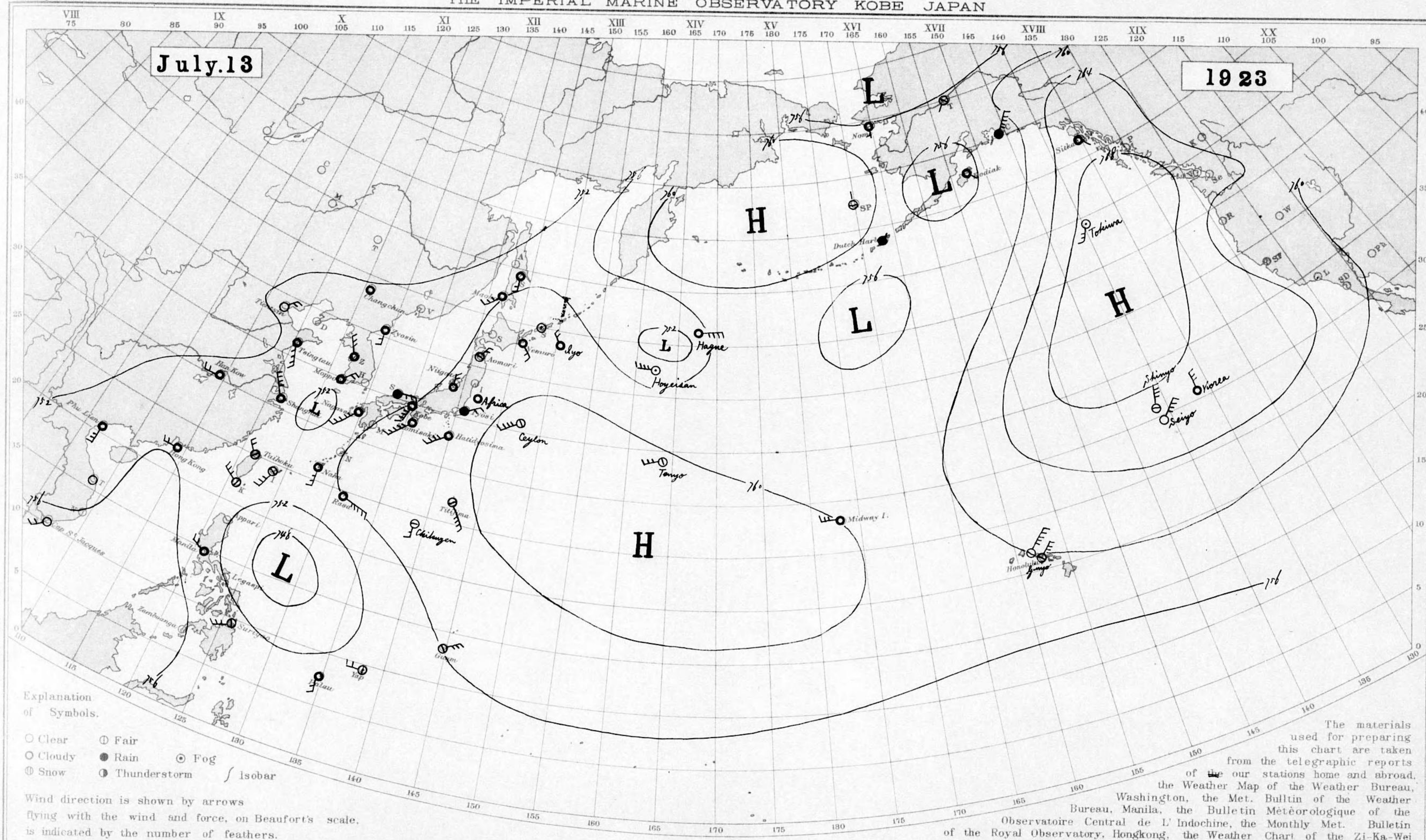
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DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 194



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	Tyosai	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 Srd. Gr.)	754.3	755.4	754.3	757.2	756.8	757.3	758.7	759.1	757.3	757.1	756.3	756.2	752.6	754.3	752.9	753.7	754.4
Air Temperature (in C)	32.6	33.3	24.7	27.0	25.2	19.8	26.4	30.5	23.4	23.9	16.6	16.1	25.9	19.9	24.5	-	23.2
Direction and Force of Winds (0-12)	NW 2	S 3	SW 5	SW 5	SSW 4	ENE 2	SW 4	SE 4	N 2	NNE 2	SE 2	SW 3	NE 2	S 2	calm	NE 2	SSE 4
Weather	fair	cloudy	cloudy	cloudy	cloudy	rain	cloudy	fair	clear	fair	cloudy	cloudy	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 Srd. Gr.)	753.8	754.9	756.3	756.1	755.8	* 755.1	* 755.4	* 757.6	* 753.0	* 755.6	* 759.1	* 760.5	760.0	755.9	766.1	759.5	754.9
Air Temperature (in C)	23.3	-	29.6	27.9	32.	28.	30.	-	-	32.	27.	24.	26.	9.	13.	8.	11.
Direction and Force of Winds (0-12)	NNW 4	W 2	ESE 5	S 2	W 2	WNW 2	WSW 3	ENE 3	W 2	S 3	SW 2	NE 3	W 3	S 1	SE -	NE -	SE -
Weather	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	fair	fair	fair	cloudy	clear	fair	cloudy	cloudy	cloudy	rain	cloudy

日三十月七年二十正大

圖氣天洋平大北

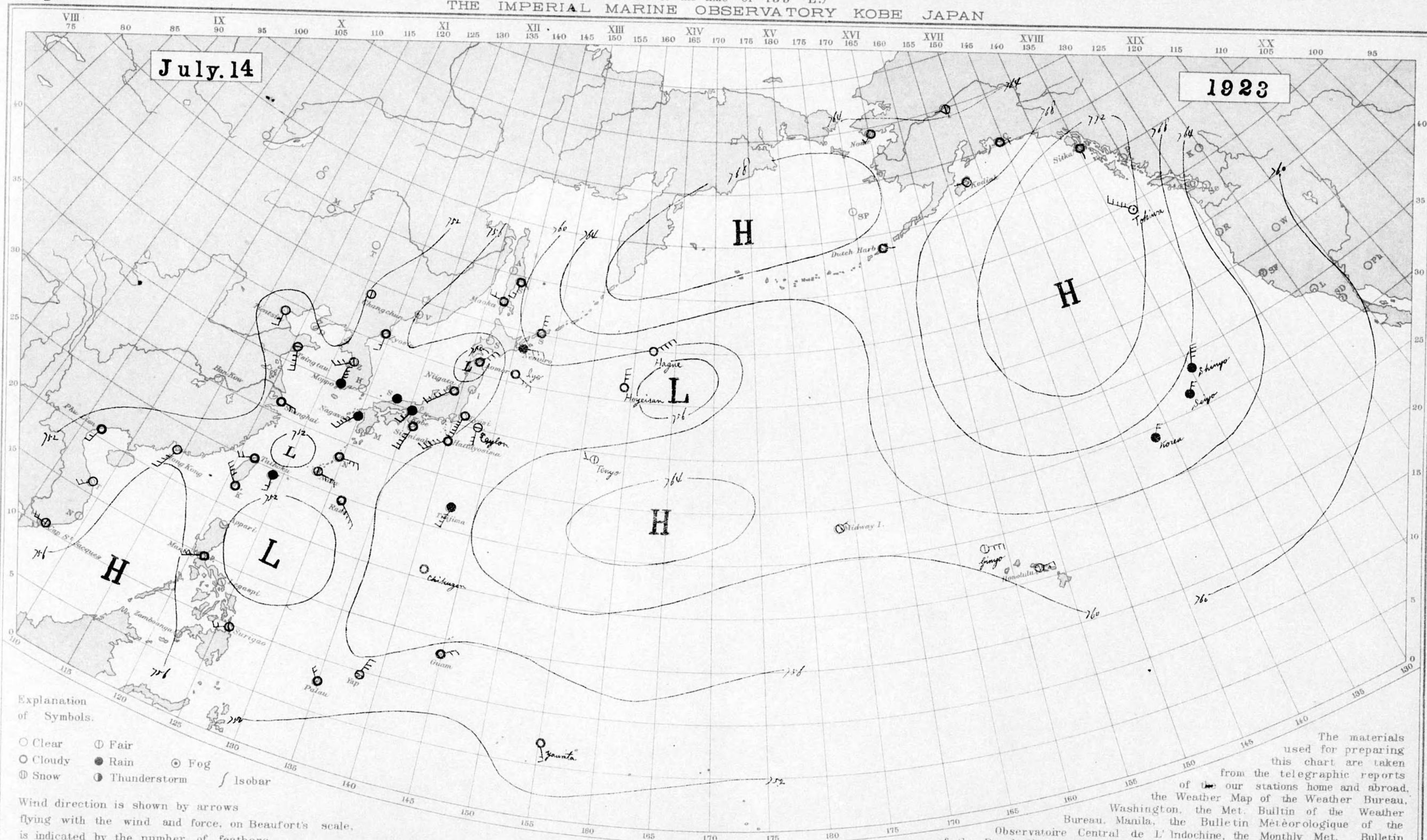
號四十九百第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 195



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	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. * not reduced to Strd. Gr.)	752.9	752.9	752.8	754.3	754.2	755.3	756.8	758.2	753.3	751.1	759.5	758.4	753.2	754.6	752.3	754.6	754.3
Air Temperature (in C)	31.5	32.9	21.8	26.0	23.8	25.9	27.2	26.6	24.2	25.1	9.6	19.8	27.2	20.5	25.4	-	24.2
Direction and Force of Winds (0-12)	WSW 2	ESE 3	SW 5	SSW 5	SW 2	SSW 6	SW 5	SSW 4	SW 5	NE 3	E 3	WNW 2	N 4	S 2	calm	S 2	SSE 4
Weather	cloudy	fair	rain	cloudy	rain	cloudy	cloudy	rain	cloudy	rain	rain	cloudy	rain	cloudy	fair	clear	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 Strd. Gr. * not reduced to Strd. Gr.)	754.4	-	753.4	756.4	755.8	* 755.0	* 756.0	* 757.0	* 757.6	* 755.6	* 756.5	761.0	760.0	766.1	772.2	766.6	766.1
Air Temperature (in C)	23.8	-	29.7	28.	32.	30.	30.	-	-	32.	26.	24.	24.	10.	11.	8.	13.
Direction and Force of Winds (0-12)	E 2	-	SE 5	NW 2	SSW 4	WSW 4	WSW 2	ENE 2	NNE 3	SSW 2	W 2	E 2	NE 1	SW 1	S -	E -	W -
Weather	cloudy	-	cloudy	cloudy	clear	cloudy	fair	cloudy	fair	cloudy	fair	fair	fair	cloudy	cloudy	cloudy	clear

日四十月七年二十正大

圖氣天洋平大北

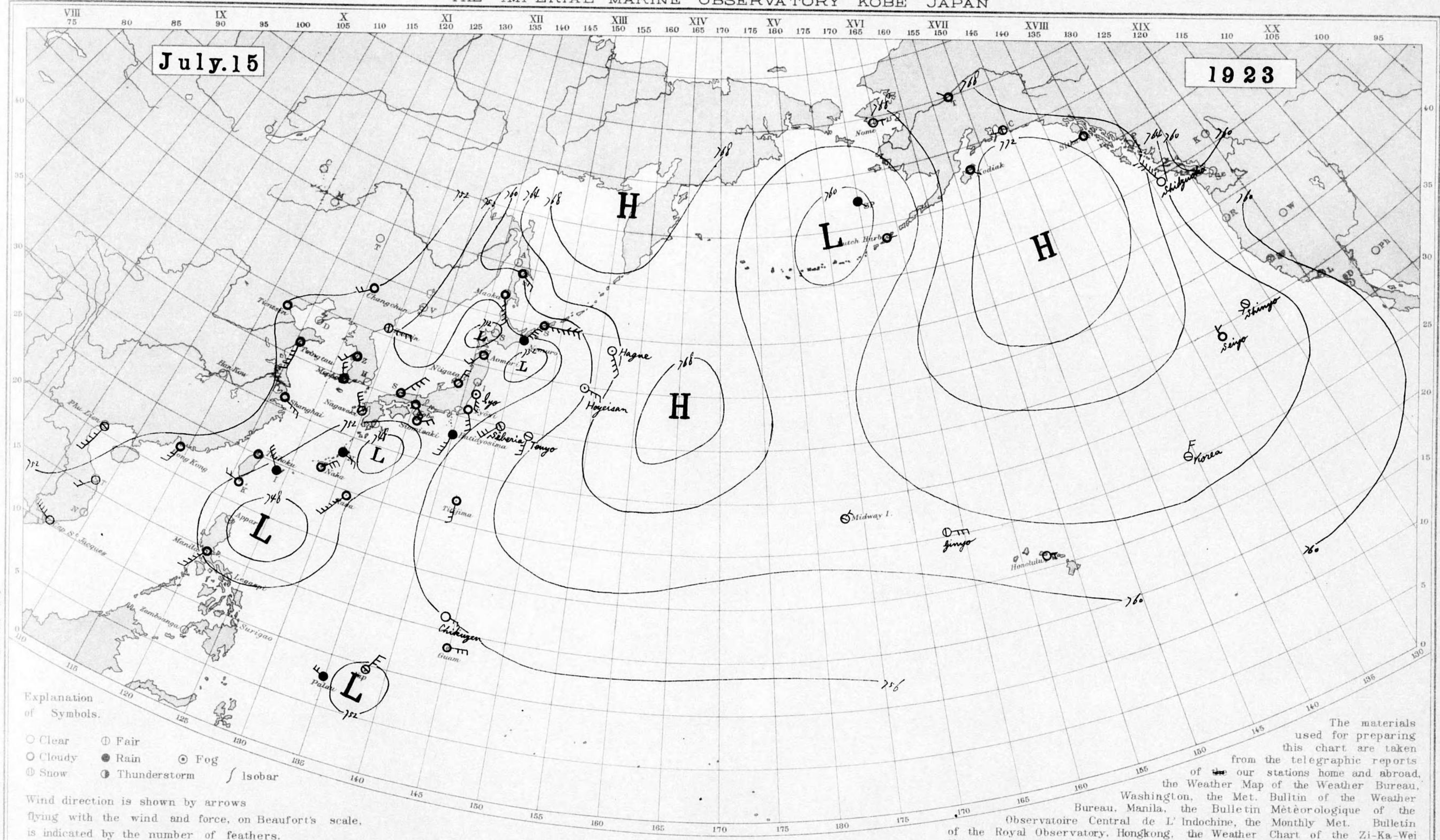
號五十九百第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 196



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	Maaka	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. * not reduced to Strd. Gr.)	752.2	750.4	753.0	752.0	753.0	753.4	755.2	758.8	754.4	753.8	755.9	757.9	753.7	755.4	752.0	752.1	753.4
Air Temperature (in C)	29.6	32.1	26.1	23.1	25.3	22.3	26.2	26.9	22.6	22.0	9.6	16.6	24.9	23.8	27.7	-	23.9
Direction and Force of Winds (0-12)	calm	NE 3	NNW 3	ENE 2	SE 2	SSE 3	SSW 4	S 3	NNE 2	SW 2	NE 4	SSE 5	NNW 2	E 4	SW 2	calm	S 5
Weather	cloudy	cloudy	fair	cloudy	cloudy	cloudy	rain	cloudy	cloudy	cloudy	rain	cloudy	cloudy	fair	cloudy	cloudy	cloudy
Station	Shanghai	Hankow	Rasa	Palau	Hongkong	Manila	Surigao	Guam	Yap	Phu-Lien	Cap-St-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. * not reduced to Strd. Gr.)	753.6	-	751.0	756.5	752.3	754.9	*	* 756.9	* 757.4	* 751.0	* 757.2	762.0	762.5	766.6	769.6	762.0	770.1
Air Temperature (in C)	26.7	-	27.8	24.7	32.	29.	-	-	-	32.	27.	24.	26.	11.	3.	10.	16.
Direction and Force of Winds (0-12)	ESE 3	-	SW 6	WNW 2	SSW 3	SW 5	-	E 3	NE 3	SSW 5	WNW 4	E 1	NE 1	E 1	W -	E -	SE -
Weather	cloudy	-	cloudy	rain	cloudy	cloudy	-	cloudy	fair	fair	clear	clear	fair	clear	cloudy	cloudy	cloudy

日五十月七年一十正大

圖氣天洋平大北

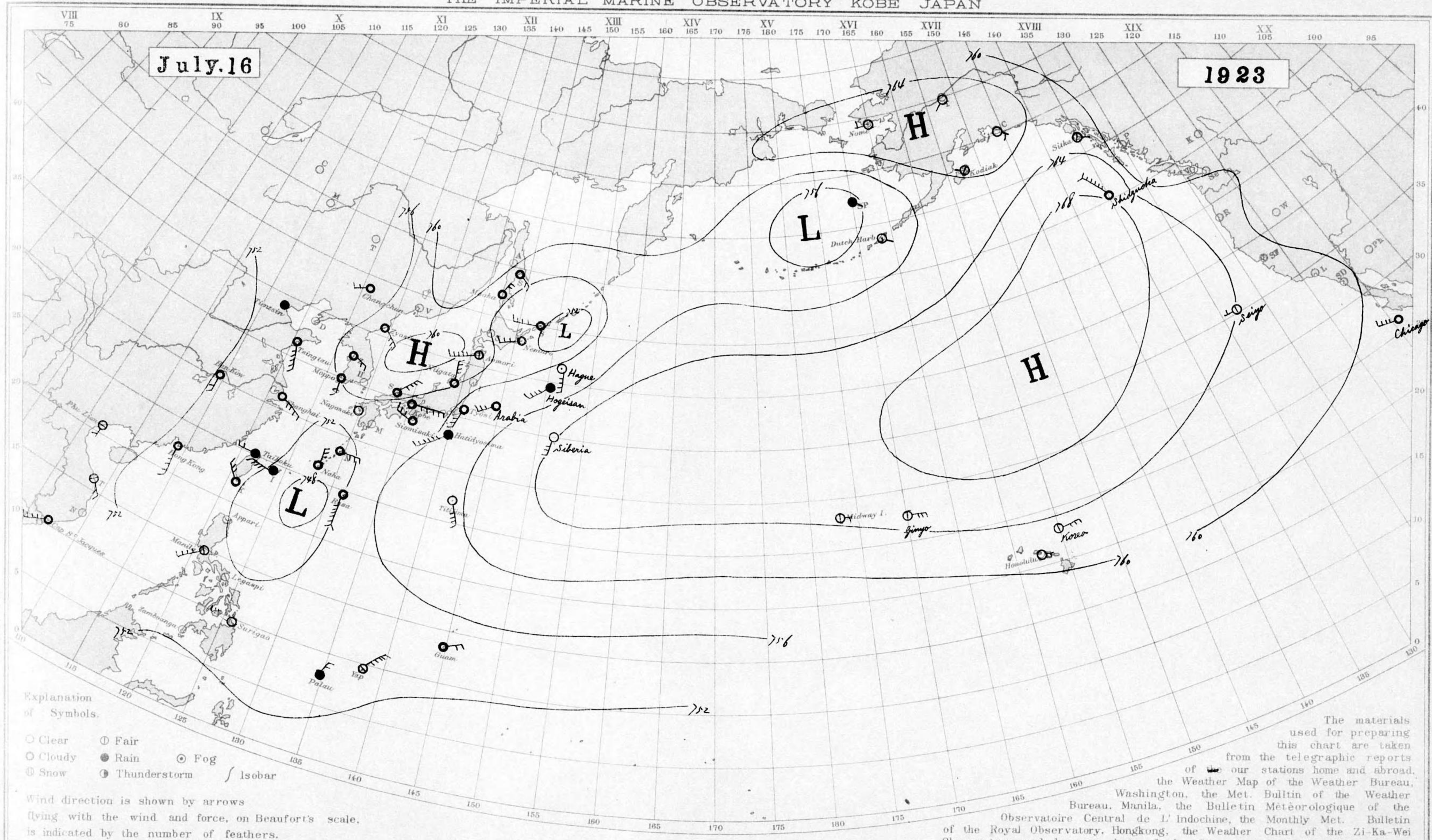
號六十九百第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 197



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	Hatidjosima	Titizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Fientsin	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.)	757.1	750.0	753.9	756.2	755.7	758.1	768.5	759.9	758.2	759.1	753.5	757.1	755.5	758.8	754.9	753.0	755.1
Air Temperature (in C)	25.8	29.1	28.1	24.2	27.1	23.0	23.2	31.0	23.3	21.6	20.3	13.7	27.0	21.7	26.5	-	23.6
Direction and Force of Winds (0-12)	W 2	N 3	NNE 4	WNW 3	E 5	SSW 3	SW 6	SSE 4	N 4	WSW 5	WSW 3	NNE 2	S 2	SE 3	WSW 2	calm	SSE 5
Weather	rain	cloudy	clear	cloudy	cloudy	cloudy	rain	fair	cloudy	fair	cloudy	cloudy	cloudy	cloudy	cloudy	rain	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 Strd Gr.)	754.9	752.2	752.1	756.3	752.9	754.7	755.4	756.9	755.2	750.3	756.5	761.5	764.0	766.1	763.0	758.9	766.1
Air Temperature (in C)	25.6	-	28.2	23.2	30.	31.	30.	-	-	35.	27.	24.	26.	12.	13.	12.	14.
Direction and Force of Winds (0-12)	ESE 4	S 2	S 7	NNE 2	S 4	SW 4	WSW 3	ENE 2	NE 5	S 1	WSW 4	E 1	E 1	W 1	SE -	SE -	NW -
Weather	cloudy	cloudy	cloudy	rain	cloudy	fair	clear	cloudy	fair	fair	cloudy	clear	fair	clear	fair	fair	fair

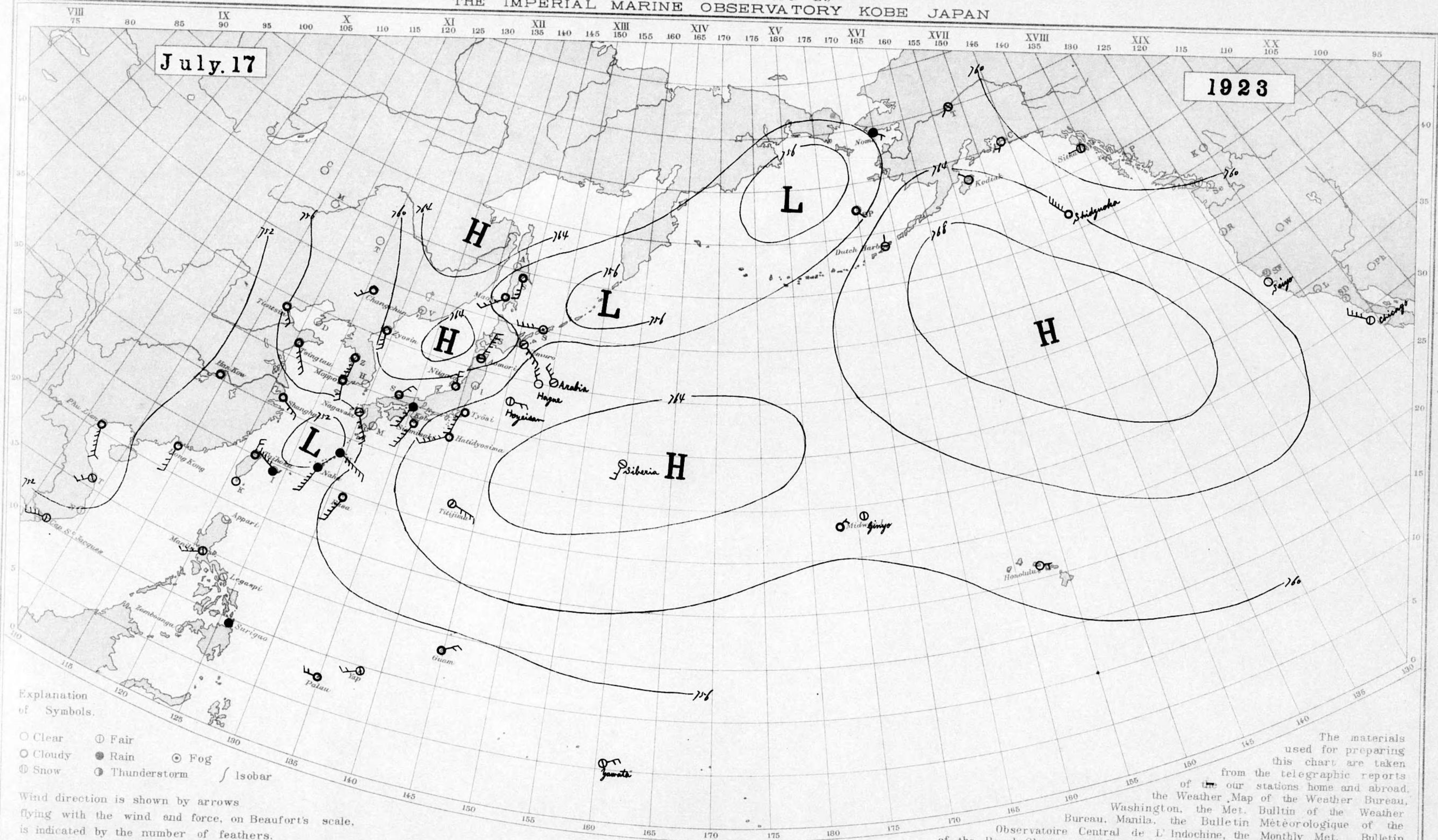
日六十月七年二十正大

圖氣天洋平大北

號七十九百第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)
THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN



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	Kôbe	Tyosi	Halidyosima	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. * not reduced to Strd. Gr.)	754.1	753.3	756.2	759.5	759.0	760.1	761.6	761.8	759.2	760.8	760.4	759.9	757.0	760.1	757.8	756.2	757.2
Air Temperature (in C)	30.7	25.4	29.3	25.9	25.8	23.6	27.3	30.5	23.5	21.0	14.9	15.8	25.5	22.0	22.3	-	22.8
Direction and Force of Winds (0-12)	N 2	SSW 6	SE 5	SSW 5	SSW 4	SSW 5	SW 5	ESE 4	N 2	NNE 5	SE 4	SW 4	SSE 2	S 3	SW 2	SE 2	SSE 5
Weather	cloudy	rain	fair	cloudy	rain	cloudy	cloudy	fair	cloudy	fair	fair	fair	cloudy	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	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. * not reduced to Strd. Gr.)	754.6	753.4	757.8	755.0	755.0	* 754.9	* 755.7	* 756.6	* 756.3	* 752.5	* 755.2	762.0	763.0	761.0	758.9	767.1	763.0
Air Temperature (in C)	27.4	-	28.1	27.5	32.	31.	28.	-	-	30.	28.	24.	24.	12.	9.	16.	-
Direction and Force of Winds (0-12)	ESE 3	calm	SSW 5	W 2	S 4	WSW 3	calm	ENE 2	WSW 2	SSE 7	WSW 4	E 1	NE 1	SE 1	W -	N -	NW -
Weather	cloudy	cloudy	cloudy	cloudy	cloudy	fair	calm	cloudy	fair	cloudy	fair	clear	cloudy	rain	fair	fair	clear

日七十月七年二十正大

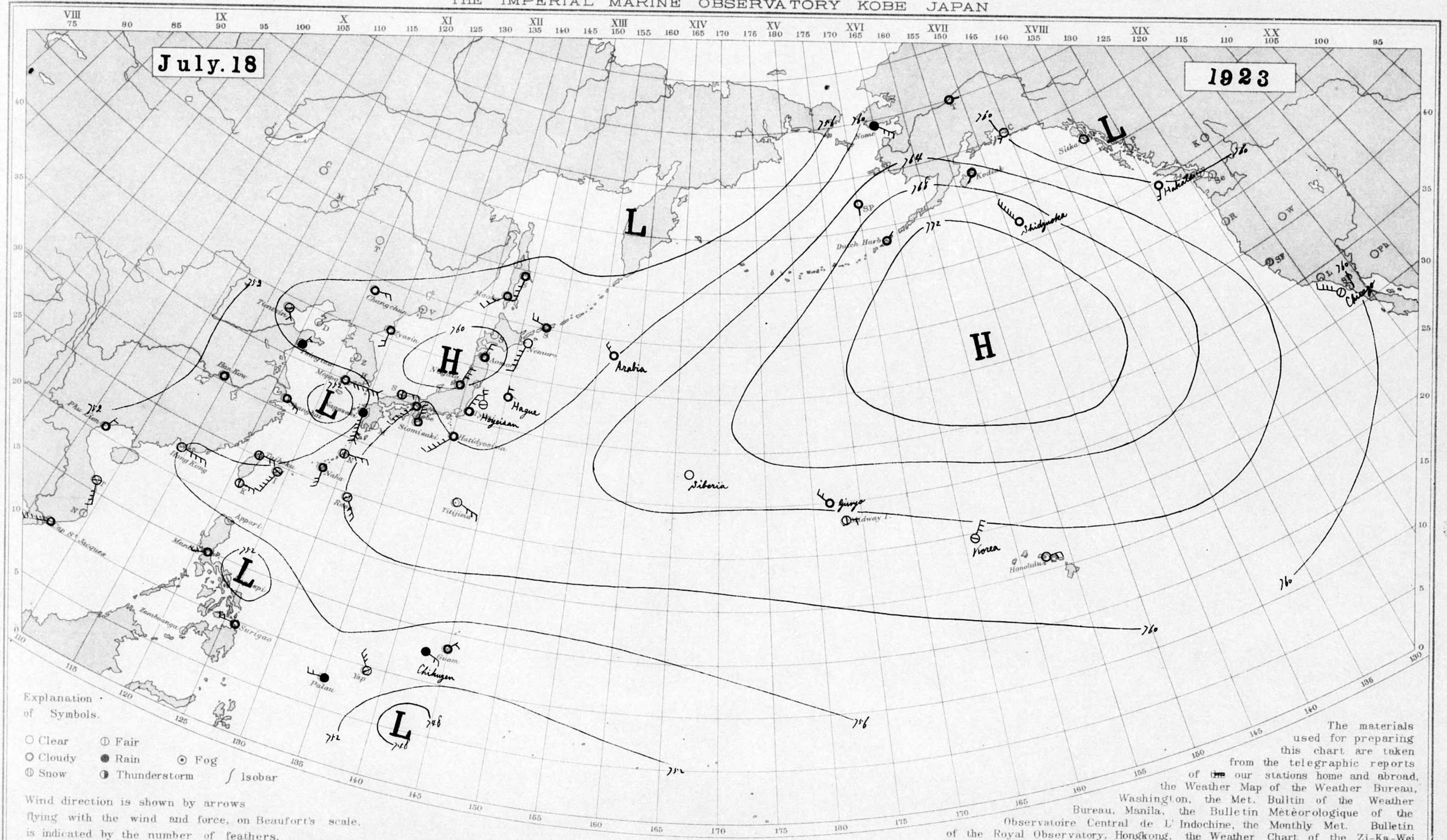
圖氣天洋平大北

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 199



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	Hatidyosma	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 Srd. Gr. * not reduced to Srd. Gr.)	755.7	758.5	756.9	760.8	760.1	759.5	761.6	760.9	760.1	760.0	758.8	757.9	753.0	758.9	756.9	756.7	756.4
Air Temperature (in C)	32.8	31.5	24.9	28.1	27.6	19.0	26.2	30.0	23.8	22.6	17.6	17.1	27.6	21.5	23.8	-	19.4
Direction and Force of Winds (0-12)	E 2	S 3	S 9	N 3	SW 5	NNE 3	SW 5	ESE 3	NNE 3	NNE 2	SSW 5	SW 3	E 7	S 2	E 2	SE 1	NNE 1
Weather	fair	cloudy	rain	cloudy	cloudy	cloudy	cloudy	clear	cloudy	cloudy	clear	cloudy	cloudy	cloudy	cloudy	fair	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 Srd. Gr. * not reduced to Srd. Gr.)	754.8	755.4	760.2	756.3	756.2	754.9	755.3	755.5	756.5	755.5	756.2	763.0	763.0	760.5	757.9	770.1	764.0
Air Temperature (in C)	28.0	-	29.6	24.6	30.	30.	28.	-	-	30.	25.	26.	26.	10.	18.	9.	14.
Direction and Force of Winds (0-12)	ESE 2	calm	SE 3	W 2	E 4	WSW 2	W 2	NE 1	NW 3	NNE 1	WSW 6	E 2	E 1	SE 3	calm	NE	SW
Weather	cloudy	cloudy	fair	rain	clear	cloudy	cloudy	cloudy	fair	cloudy	cloudy	clear	fair	rain	clear	cloudy	cloudy

日八十月七年二十正大

圖氣天洋平大北

號九十九百第

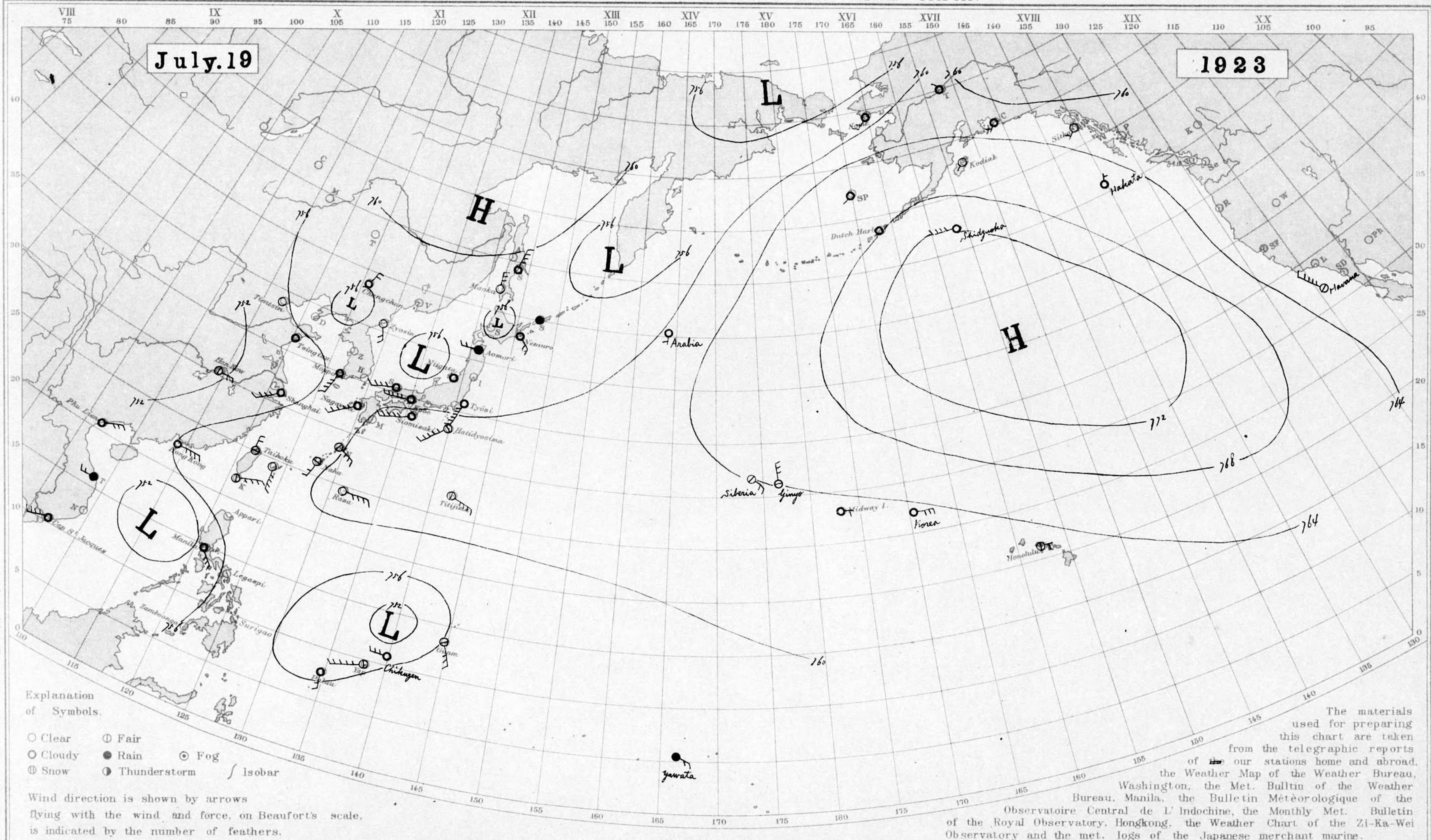
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DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 200



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	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. * not reduced to Strd. Gr.)	757.0	759.6	759.6	760.5	759.7	758.1	761.8	762.0	757.0	759.0	757.4	758.7	756.4	758.8	756.1	756.0	755.7
Air Temperature (in C)	33.3	32.3	27.3	28.3	26.8	24.4	27.3	30.5	26.6	20.1	19.1	16.7	26.5	22.9	25.7	-	23.6
Direction and Force of Winds (0-12)	N 2	SSE 2	SW 5	WSW 5	W 5	SSW 6	SW 5	ESE 4	W 2	SE 2	N 3	SSW 4	SSE 2	SSE 2	NNE 2	calm	calm
Weather	fair	fair	cloudy	cloudy	cloudy	cloudy	fair	fair	cloudy	rain	cloudy	clear	cloudy	clear	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 Strd. Gr. * not reduced to Strd. Gr.)	754.8	751.8	760.1	756.2	756.8	* 754.9	*	* 756.9	* 757.1	* 757.1	* 757.2	763.0	761.5	757.4	762.5	767.6	764.0
Air Temperature (in C)	30.5	-	30.2	27.5	29.	30.	-	-	-	30.	25.	24.	24.	9.	12.	10.	16.
Direction and Force of Winds (0-12)	SW 4	E 2	E 4	S 2	E 4	SE 3	-	SSE 3	WSW 5	ENE 3	WSW 4	E 1	E 1	SW 2	SW 1	calm	SW -
Weather	cloudy	fair	fair	cloudy	cloudy	cloudy	-	fair	fair	cloudy	cloudy	fair	cloudy	cloudy	clear	cloudy	clear

印行人發行所
神戸市中出通七丁目

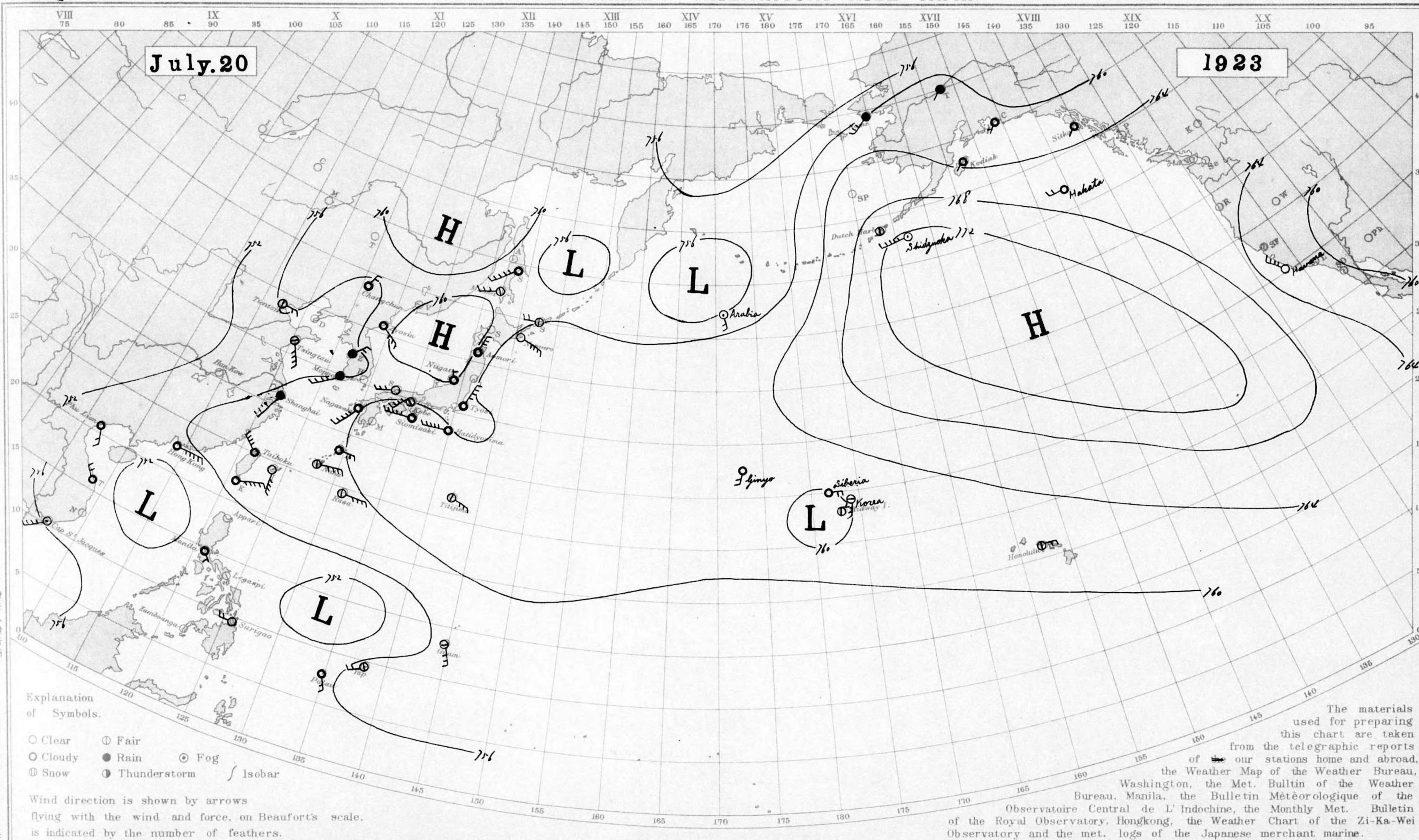
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DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 201



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.

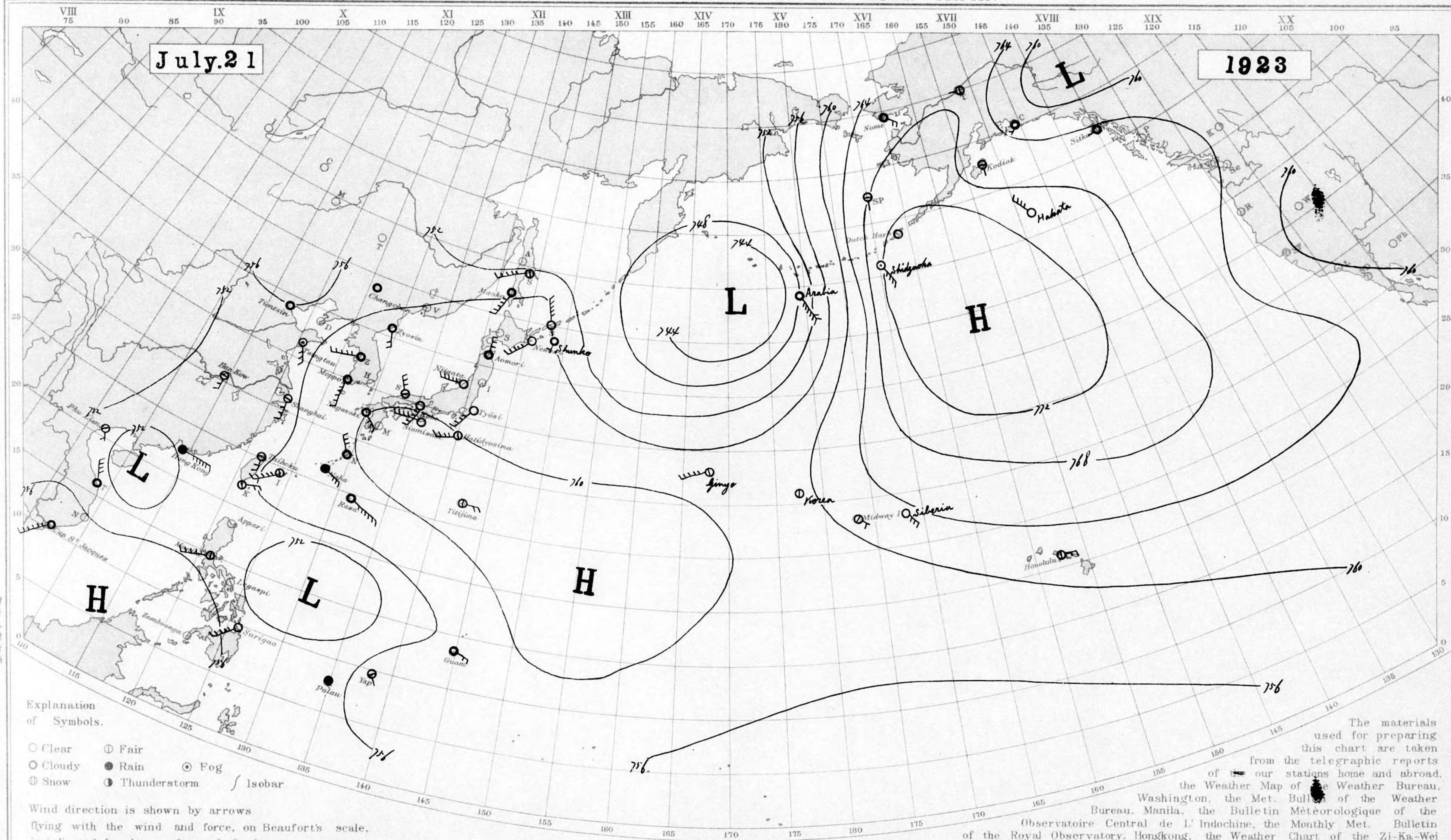
Station	Taihoku	Naha	Nagasaki	Siomisaki	Kōbe	Tyosì	Hatidyosima	Titizima	Niigata	Aomori	Nemuro	Maaka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	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.)*	756.6	759.0	760.0	760.2	759.8	759.7	760.6	761.7	760.1	759.7	760.3	759.8	756.5	759.4	755.4	756.2	755.3
Air Temperature (in C)	31.5	31.5	28.0	28.4	30.6	21.0	27.6	29.9	22.9	23.6	12.9	16.4	25.3	23.3	22.6	-	25.3
Direction and Force of Winds (0-12)	NW 4	E 4	SW 5	W 5	SW 4	NNE 4	W 5	ESE 3	NNW 1	NNE 3	ESE 4	WSW 3	SSW 4	SE 3	NNE 2	E 2	SSE 4
Weather	cloudy	fair	cloudy	cloudy	fair	cloudy	cloudy	fair	cloudy	cloudy	clear	fair	rain	cloudy	cloudy	fair	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 Strd. Gr.)*	756.7	-	759.7	756.6	755.0	* 756.2	* 756.8	* 758.5	* 758.4	* 756.9	* 757.8	761.5	758.4	759.5	763.5	769.1	763.0
Air Temperature (in C)	25.1	-	29.3	29.5	30.	30.	31.	-	-	27.	25.	24.	24.	8.	11.	13.	14.
Direction and Force of Winds (0-12)	SW 5	-	E 4	SSE 2	E 5	SE 1	W 2	SSE 3	WSW 2	SSE 2	SW 4	E 2	E 1	SW 3	SW -	calm	SW -
Weather	rain	-	fair	cloudy	cloudy	cloudy	clear	fair	fair	cloudy	fog	fair	fair	rain	cloudy	fair	cloudy

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 202



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.

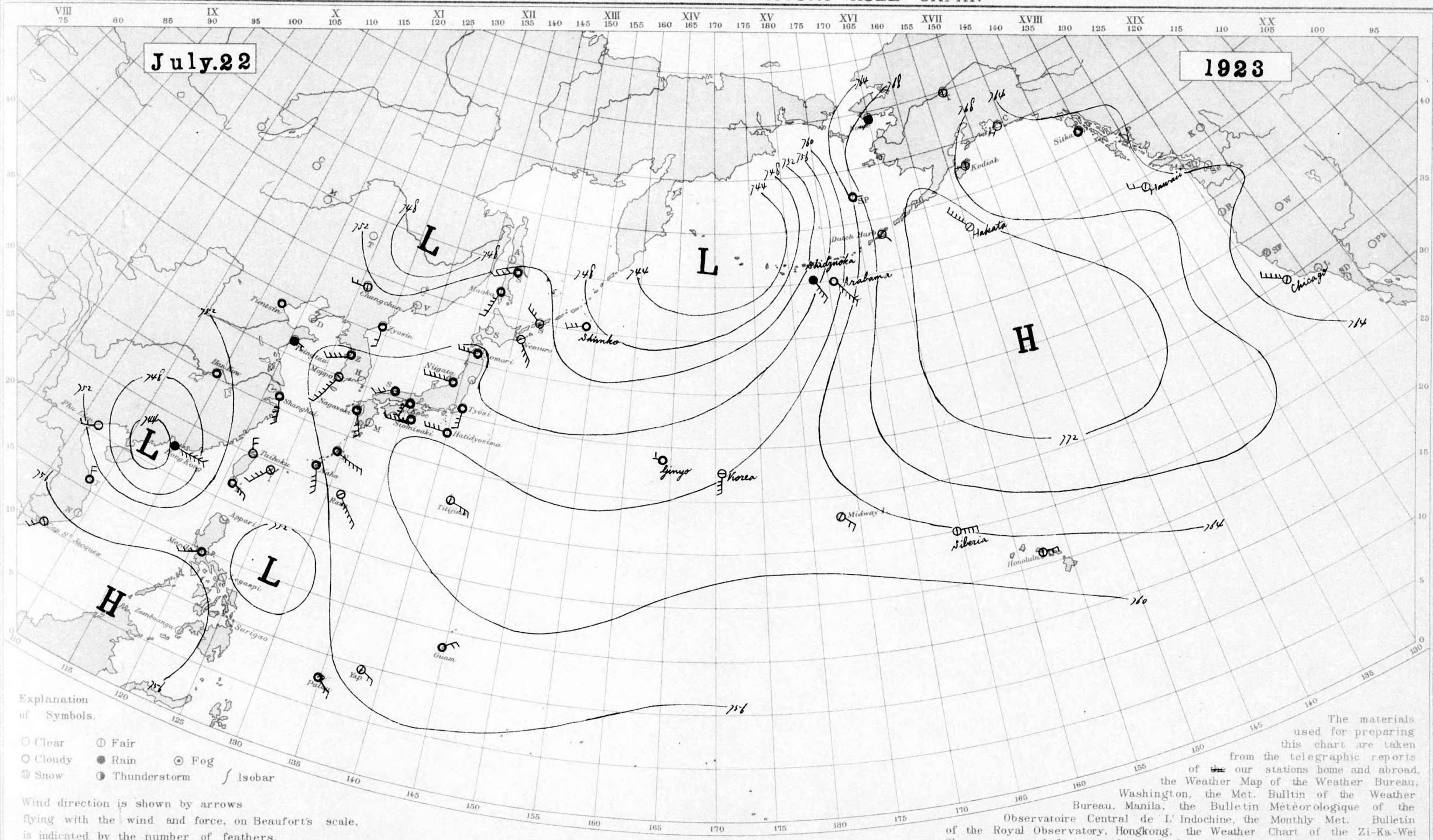
Station	Taihoku	Naha	Nagasaki	Siemisaki	Kobe	Tyosi	Hatidyosima	Titizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 ^h , 135E	12 ^h , 135E	12 ^h , 135E	12 ^h , 135E	12 ^h , 135E	12 ^h , 135E	12 ^h , 135E	12 ^h , 135E	12 ^h , 135E	12 ^h , 135E	12 ^h , 135E	12 ^h , 135E	12 ^h , 135E	12 ^h , 135E	12 ^h , 135E	12 ^h , 135E	12 ^h , 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr. * not reduced to Strd. Gr.)	755.2	758.8	760.0	760.1	759.6	757.2	760.1	761.2	757.7	756.9	757.1	755.5	757.3	757.8	753.9	756.4	754.6
Air Temperature (in C)	23.9	28.1	28.3	28.3	30.5	24.8	27.7	30.3	26.2	21.3	20.2	17.4	27.3	20.7	24.9	-	24.8
Direction and Force of Winds (0-12)	S 2	ESE 3	SE 3	W 4	SSW 4	SW 4	WSW 4	E 2	W 5	N 3	SW 5	SSW 5	S 5	SSE 2	calm	-	SSE 3
Weather	fair	rain	cloudy	clear	clear	clear	fair	fair	clear	cloudy	clear	cloudy	cloudy	cloudy	cloudy	cloudy	fog
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 (Red. to m.s.l. and Strd. Gr. * not reduced to Strd. Gr.)	755.7	753.9	758.5	757.3	752.3	* 756.4	* 756.4	* 758.2	* 758.5	* 754.6	* 758.6	761.5	760.0	765.5	765.0	771.5	766.6
Air Temperature (in C)	31.4	-	29.3	24.3	27.	31.	30.	-	-	32.	24.	24.	26.	10.	12.	19.	17.
Direction and Force of Winds (0-12)	S 3	S 2	ESE 6	calm	E 6	WSW 5	SW 5	ESE 2	SSE -	SSE 1	SW 6	E 2	SE 1	SE 2	W -	calm	S -
Weather	fair	fair	cloudy	rain	rain	fair	clear	cloudy	fair	fair	cloudy	fair	fair	cloudy	cloudy	clear	fair

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 203



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	Kōbe	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 Strd. Gr. * not reduced to Strd. Gr.)	754.0	755.8	759.2	759.7	759.5	757.0	759.9	761.0	757.8	756.3	752.5	752.1	757.1	754.6	752.4	754.1	754.3
Air Temperature (in C)	33.7	29.1	28.5	27.8	29.1	28.2	27.0	30.4	27.2	25.3	19.3	17.9	29.0	22.1	27.4	-	22.8
Direction and Force of Winds (0-12)	NNW 2	SSE 4	SSE 3	W 5	SSW 4	S 3	W 4	ESE 3	W 5	W 3	SSE 4	SSW 5	SSW 6	S 2	W 2	calm	E 1
Weather	clear	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	fair	cloudy	cloudy	fair	cloudy	fair	cloudy	fair	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 Strd. Gr. * not reduced to Strd. Gr.)	754.6	751.9	758.0	757.3	746.0	* 757.0	*	* 758.1	* 758.4	* 751.5	* 758.1	761.5	763.0	769.6	765.0	769.1	757.6
Air Temperature (in C)	30.6	-	29.5	25.6	26.	31.	-	-	-	32.	26.	24.	26.	10.	12.	16.	18.
Direction and Force of Winds (0-12)	SSE 4	calm	SE 6	SE 2	E 10	WSW 3	-	ENE 2	SE 2	WSW 2	SW 2	E 2	SE 2	SW 1	calm	SE -	W -
Weather	cloudy	cloudy	fair	cloudy	rain	cloudy	-	cloudy	fair	clear	fair	fair	fair	rain	cloudy	fair	fair

日 = 十月 七年 = 正 大

圖 氣 天 洋 平 大 北

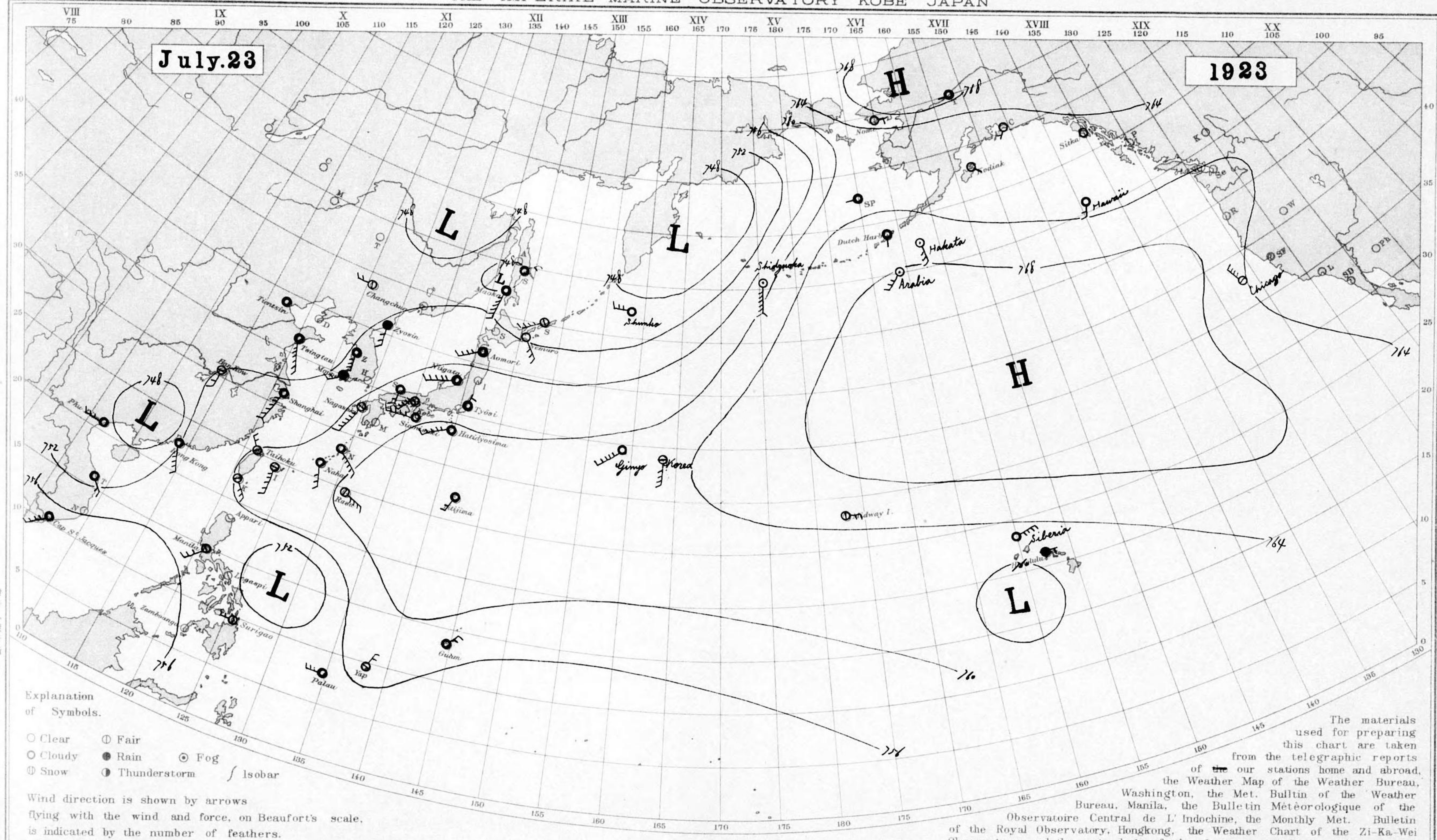
號 一 〇 二 第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 204



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 Strd. Gr. * not reduced to Strd. Gr.)	756.2	758.9	757.6	759.6	759.3	757.5	760.3	761.8	757.7	754.3	751.7	748.0	752.2	752.0	750.1	751.3	750.9
Air Temperature (in C)	32.4	31.1	25.1	28.7	30.0	27.0	27.9	30.0	25.7	27.0	20.9	18.8	27.2	23.3	28.3	-	22.6
Direction and Force of Winds (0-12)	NW 2	SSE 3	SSW 6	W 5	SW 5	NNE 1	WSW 5	SSW 2	WSW 5	WSW 4	SE 3	SSW 6	SW 2	S 3	W 2	-	SSE 6
Weather	fair	cloudy	fair	cloudy	fair	cloudy	cloudy	cloudy	cloudy	cloudy	clear	cloudy	rain	rain	fair	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	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	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. * not reduced to Strd. Gr.)	753.7	752.2	760.2	757.3	752.0	*756.9	*756.1	*758.0	*758.5	*750.4	*759.0	761.5	764.5	767.6	763.5	766.6	762.5
Air Temperature (in C)	32.2	-	30.4	28.6	29.	32.	31.	-	-	31.	27.	24.	26.	14.	16.	19.	19.
Direction and Force of Winds (0-12)	SSW 7	S 2	ESE 4	W 2	SSE 4	SW 3	W 2	NE 2	NNE 2	W 3	SW 4	E 1	E 2	E 1	calm	S -	SE -
Weather	cloudy	fair	fair	cloudy	cloudy	fair	fair	cloudy	fair	cloudy	cloudy	rain	fair	clear	clear	cloudy	clear

日三十月七年二十正大

圖氣天洋平大北

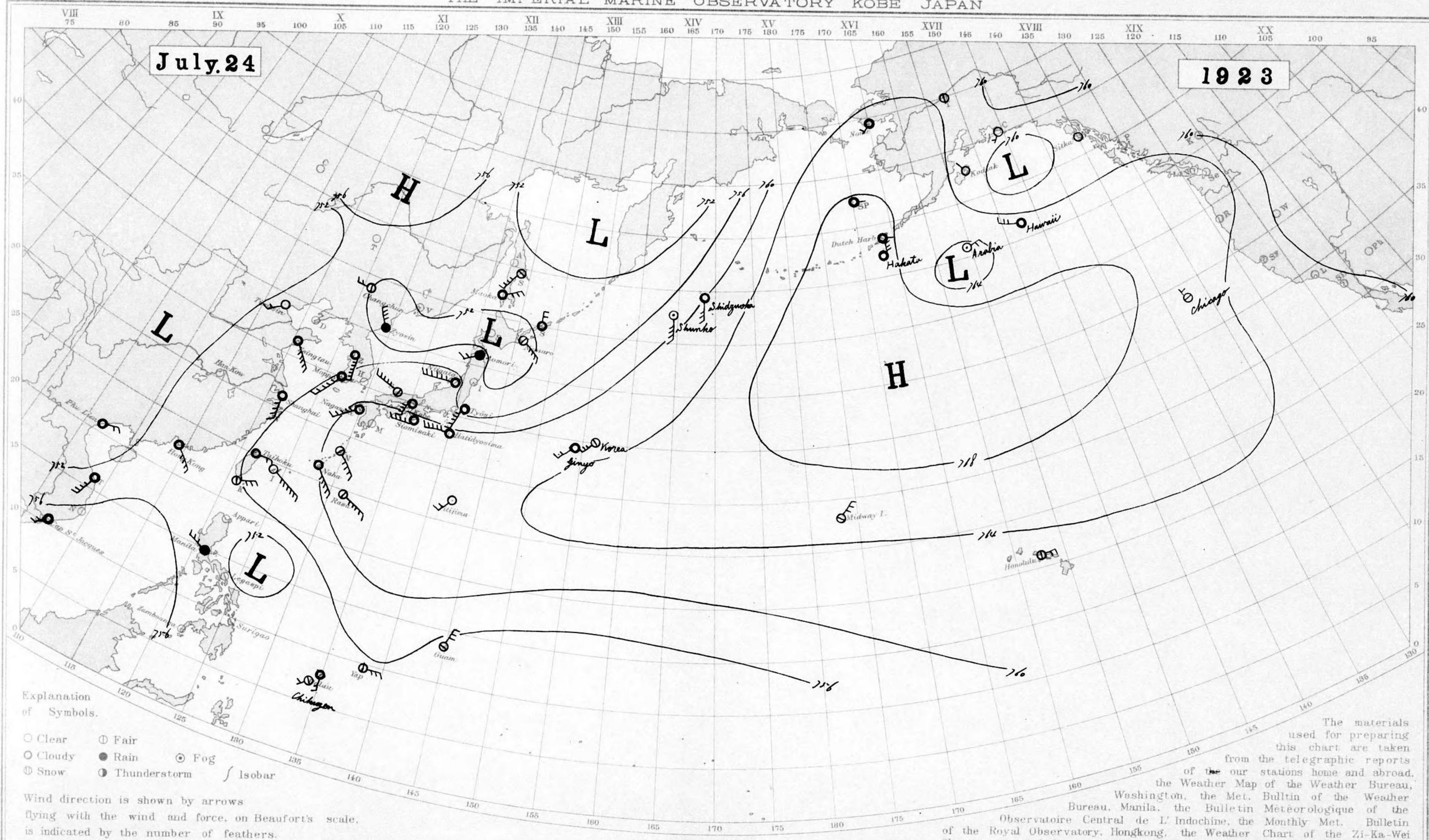
號四三第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 205



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	Kôbe	Tyosi	Hatidyosima	Titizima	Niigata	Aomori	Nemuro	Maoka	Moppe	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.)	756.4	759.8	760.1	760.0	759.5	755.5	760.7	762.8	756.3	752.7	751.4	754.3	756.4	751.4	751.7	753.2	754.2
Air Temperature (in C)	32.9	31.8	28.5	27.5	28.2	23.7	27.5	30.6	23.4	22.6	20.4	19.2	26.2	23.6	30.2	-	22.9
Direction and Force of Winds (0-12)	E 2	SE 5	SW 5	W 4	SSW 4	SSW 5	W 5	SW 2	W 6	WSW 2	SE 4	ENE 3	SW 5	NNW 4	W 2	SW 2	SE 5
Weather	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	clear	cloudy	rain	fair	cloudy	cloudy	rain	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 Strd. Gr.)	755.4	-	760.8	757.1	755.3	755.3	-	757.4	757.9	752.1	759.6	763.0	765.0	765.5	763.5	769.1	762.5
Air Temperature (in C)	32.5	-	30.0	28.8	29.	27.	-	-	-	26.	27.	26.	24.	13.	14.	8.	21.
Direction and Force of Winds (0-12)	S 4	-	ESE 5	S 2	SE 4	WNW 3	-	NNE 3	E 3	ENE 2	SW 2	E 2	NE 3	SW 1	calm	E	NW
Weather	cloudy	-	fair	cloudy	cloudy	rain	-	fair	fair	cloudy	cloudy	fair	fair	cloudy	clear	cloudy	clear

日十月七年二十正大

圖氣天洋平大北

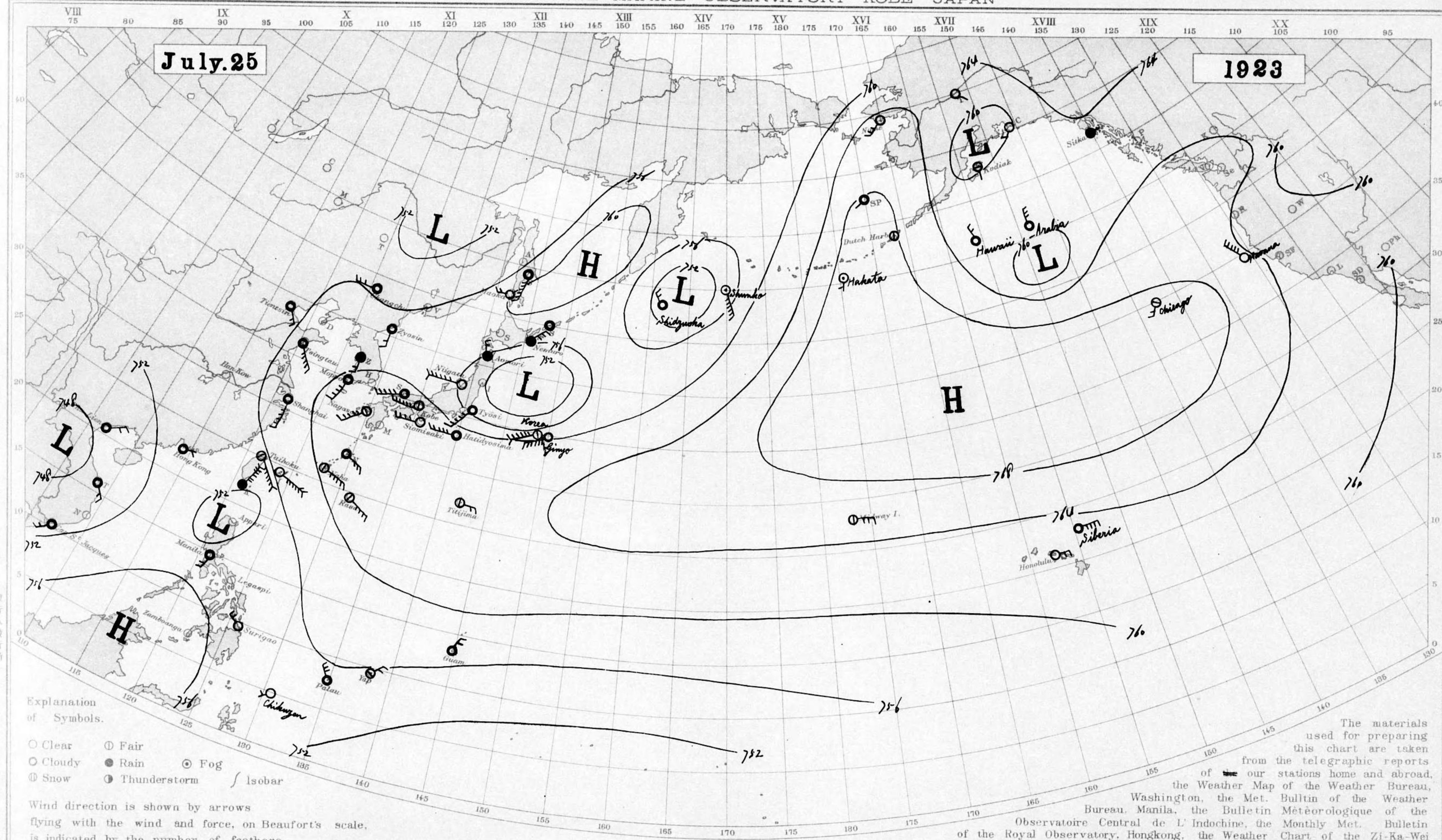
號五五第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 206



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	Siomi saki 12 ^h , 135 E	Kôbe 12 ^h , 135 E	Tyosi 12 ^h , 135 E	Hatidyosima 12 ^h , 135 E	Titizima 12 ^h , 135 E	Niigata 12 ^h , 135 E	Aomori 12 ^h , 135 E	Nemuro 12 ^h , 135 E	Maaka 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 Strd. Gr.)	755.1	760.3	762.5	761.0	760.5	755.5	760.8	762.7	759.7	755.4	757.1	758.1	760.1	758.7	755.3	755.4	756.7
Air Temperature (in C)	31.3	31.4	28.8	29.5	31.0	27.9	28.5	32.0	23.9	22.8	11.1	15.8	28.9	23.4	29.8	-	23.4
Direction and Force of Winds (0-12)	SE 7	ESE 5	SW 5	W 4	W 6	SW 5	W 5	E 2	W 7	NNW 2	NE 3	W 2	SSW 5	S 2	W 3	SE 2	SE 5
Weather	fair	fair	fair	clear	fair	cloudy	cloudy	fair	fair	rain	rain	clear	cloudy	cloudy	cloudy	cloudy	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 Strd. Gr.)	757.7	-	762.1	757.3	755.6	* 754.6	* 757.1	* 757.6	* 757.5	* 751.0	* 755.1	763.0	764.5	764.5	763.5	767.6	758.9
Air Temperature (in C)	31.3	-	28.3	29.2	26.	25.	33.	-	-	28.	25.	26.	26.	10.	12.	9.	20.
Direction and Force of Winds (0-12)	S 6	-	ESE 4	NW 3	E 1	SSW 2	WNW 2	NNE 2	NE 2	ENE 2	SW 2	E 2	E 3	SW 3	E -	calm	S -
Weather	cloudy	-	fair	cloudy	cloudy	cloudy	clear	cloudy	fair	cloudy	cloudy	clear	fair	clear	rain	fair	fair

日五十月七年二十正大

圖氣天洋平大北

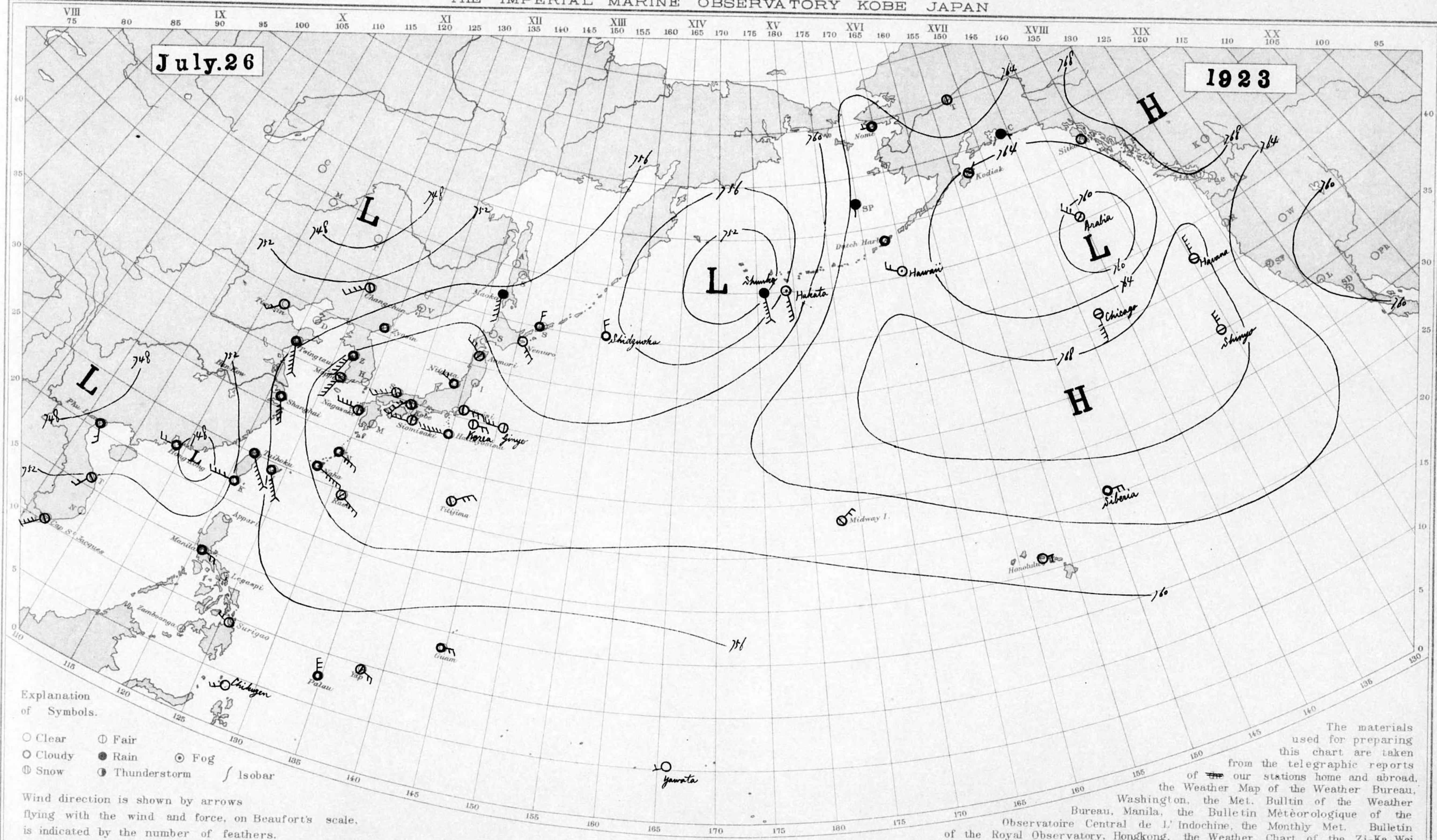
號六百一第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 207



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.

印行人發行所
神戸市中山手通七丁目
海
氣
象
臺

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 Strd. Gr.)	753.9	760.6	762.9	761.8	761.7	761.3	761.6	762.0	762.1	760.8	759.1	756.2	760.8	757.5	753.0	755.5	755.4
Air Temperature (in C)	29.9	30.3	29.5	29.5	31.5	25.2	29.9	31.2	6.3	24.9	16.6	17.4	29.8	21.1	29.5	-	24.0
Direction and Force of Winds (0-12)	SE 7	ESE 5	W 4	W 3	SW 4	E 3	W 6	ENE 3	WNW 2	NW 3	SE 3	S 5	SSW 5	calm	SW 4	SW 2	SS 7
Weather	cloudy	cloudy	fair	fair	fair	fair	cloudy	fair	cloudy	fair	clear	rain	fair	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 Strd. Gr.)	757.8	-	761.8	756.5	759.8	*756.3	*757.3	*756.3	*756.9	*752.5	*758.4	762.5	762.5	764.5	766.6	765.5	763.0
Air Temperature (in C)	31.0	-	30.3	25.3	30.	27.	30.	-	-	30.	27.	26.	26.	11.	13.	10.	12.
Direction and Force of Winds (0-12)	SSE 5	-	ESE 4	NNW 3	W 2	ESE 2	WNW 2	E 2	ESE 2	SSE 2	SW 4	E 1	NE 2	W 1	calm	calm	NE -
Weather	cloudy	-	fair	cloudy	cloudy	cloudy	clear	cloudy	fair	cloudy	fair	clear	fair	cloudy	clear	cloudy	fair

日六十月七年二十正大

圖氣天洋平大北

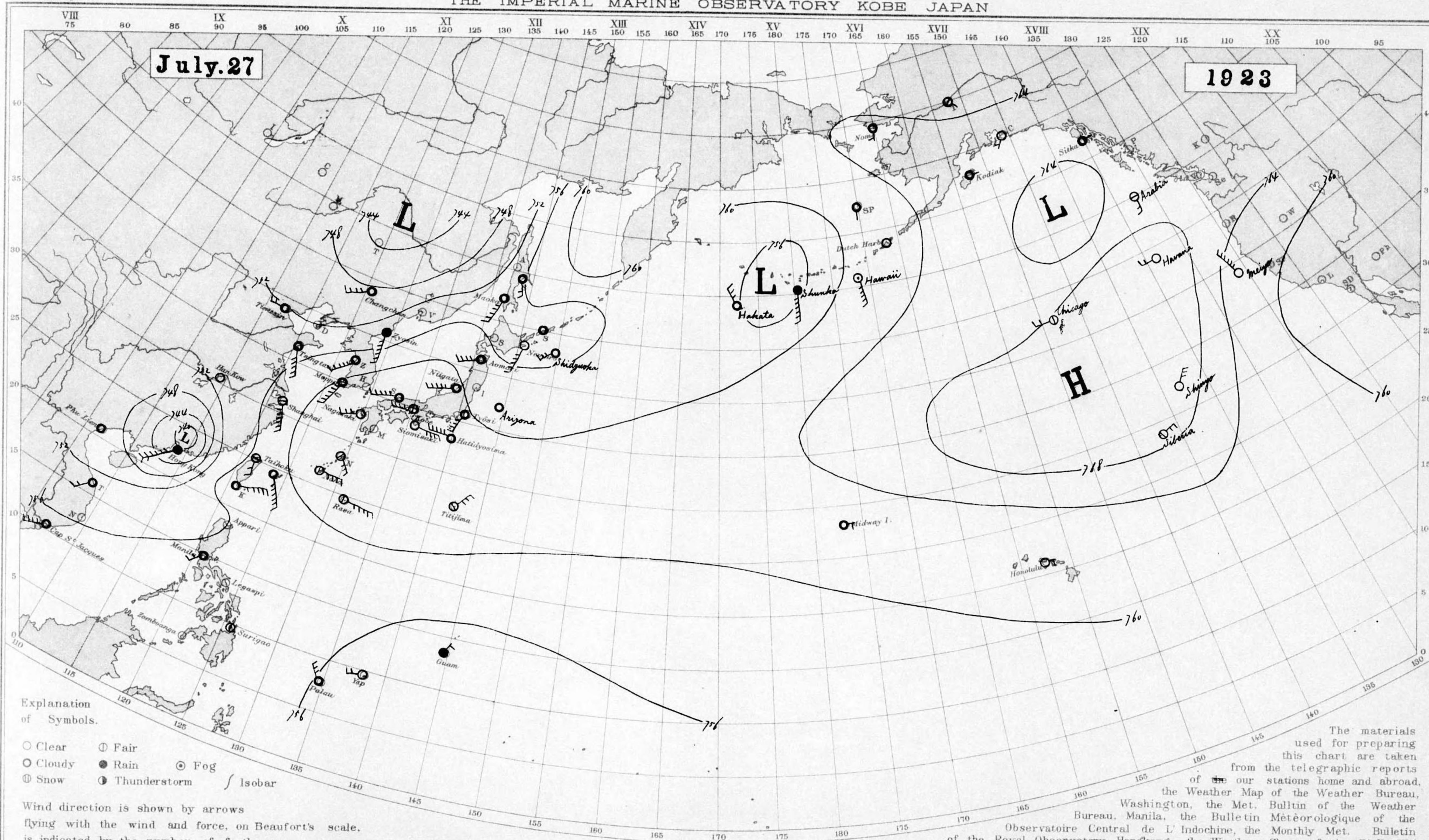
號七百二第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 208



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 , 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* (Red. to m.s.l. and Strd. Gr.)* not reduced to Strd. Gr.	756.3	761.1	763.1	761.1	761.3	759.9	761.3	761.4	760.6	757.5	754.2	753.1	760.4	753.7	748.5	751.6	755.0
Air Temperature (in C)	33.3	32.3	29.7	28.4	31.7	26.8	28.6	31.8	25.6	26.2	23.3	18.9	29.8	24.2	26.8	-	26.0
Direction and Force of Winds (0-12)	S 2	E 4	WSW 3	E 4	W 4	SSW 4	W 5	NE 3	WSW 5	WSW 4	SSW 5	SSW 5	SSW 6	S 6	WSW 4	W 2	SSE 5
Weather	fair	fair	clear	clear	fair	cloudy	cloudy	fair	cloudy	cloudy	clear	cloudy	cloudy	rain	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 , 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 (Red. to m.s.l. and Strd. Gr.)* not reduced to Strd. Gr.	757.6	753.9	761.3	756.1	742.7	*758.1	*757.5	*756.9	*757.2	*752.4	*759.2	762.5	762.5	764.5	766.6	762.5	765.0
Air Temperature (in C)	31.4	-	30.4	26.7	25.	30.	30.	-	-	29.	25.	24.	24.	11.	17.	12.	14.
Direction and Force of Winds (0-12)	SSE 6	calm	E 5	NW 3	SW 8	SW 2	calm	NE 1	W 2	calm	WSW 4	E 1	E 1	S 1	E -	calm	E -
Weather	fair	clear	fair	cloudy	rain	cloudy	fair	rain	clear	cloudy	cloudy	clear	cloudy	cloudy	cloudy	clear	clear

日七十月七年二十正大

圖氣天洋平大北

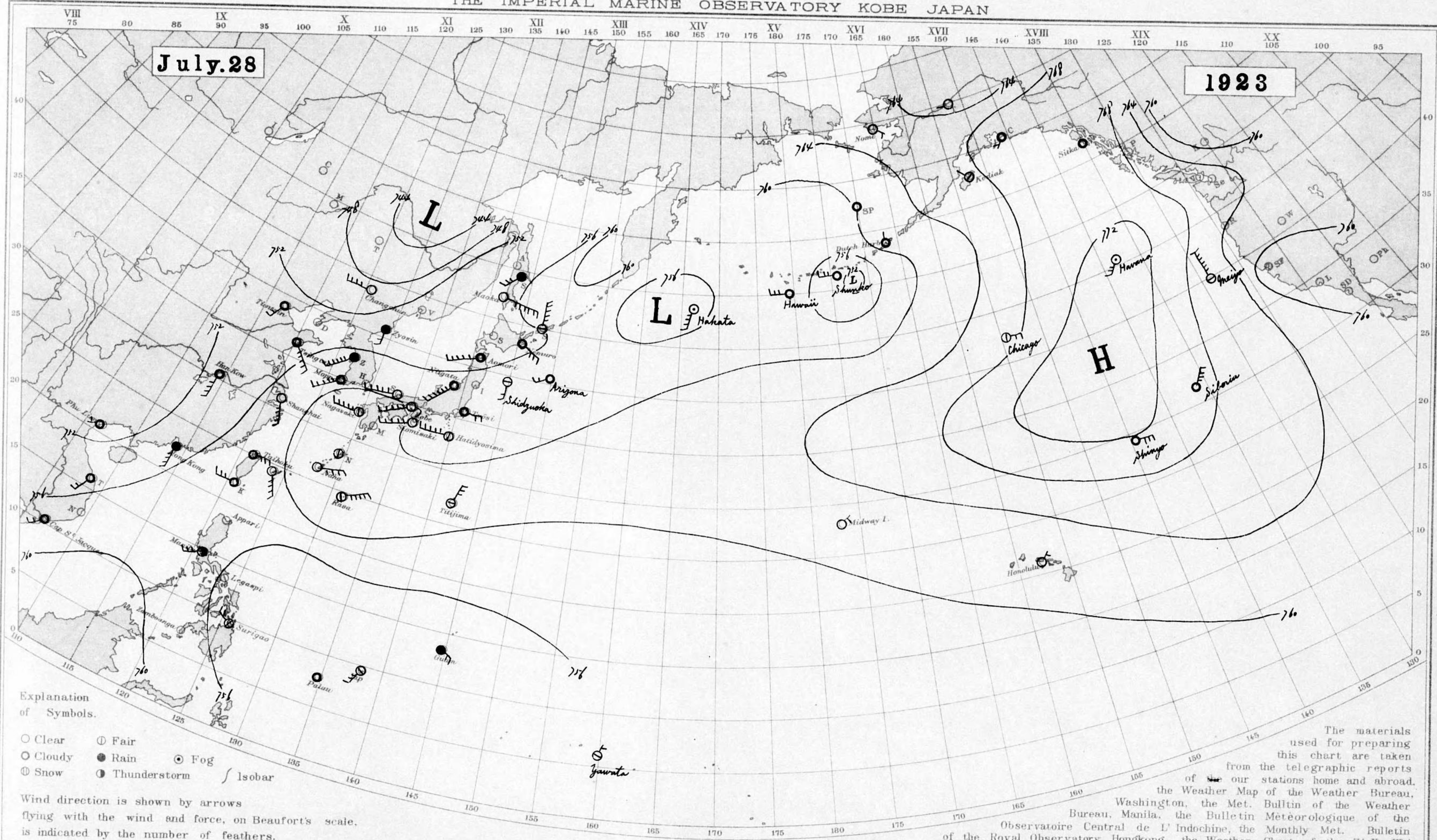
號八百二第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 209



July.28

1923

- 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 Meteorologique 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 Strd. Gr.)	757.8	760.3	761.5	759.3	760.8	757.9	759.1	760.8	758.5	754.9	755.9	751.1	759.8	752.8	749.2	754.5	754.9
Air Temperature (in C)	33.3	32.4	29.3	28.8	30.4	25.6	28.9	31.3	28.4	28.2	17.6	18.5	29.4	21.9	28.7	-	25.6
Direction and Force of Winds (0-12)	E 3	ENE 4	W 5	WSW 5	WSW 5	E 2	W 5	NNE 3	SW 6	WSW 5	ESE 3	ESE 6	SW 5	S 2	W 4	SSW 2	SE 5
Weather	cloudy	clear	fair	clear	clear	cloudy	fair	fair	cloudy	cloudy	cloudy	cloudy	cloudy	rain	clear	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	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.)	757.5	753.9	760.6	756.0	755.3	758.2	757.2	756.6	757.1	751.5	759.8	762.0	762.5	766.1	770.6	761.5	767.1
Air Temperature (in C)	31.9	-	30.4	27.9	24.	30.	29.	-	-	31.	25.	24.	24.	9.	14.	11.	12.
Direction and Force of Winds (0-12)	SSE 5	S 4	ENE 5	calm	S 4	WSW 3	WNW 2	SE 2	SW 3	WSW 1	SW 2	NE 1	NE 1	SE 1	calm	N -	NW -
Weather	clear	cloudy	fair	cloudy	rain	th.s.	fair	rain	fair	cloudy	cloudy	clear	clear	clear	cloudy	cloudy	fair

日八十月七年二十正大

圖氣天洋平大北

號九百一第

上海洋氣象臺

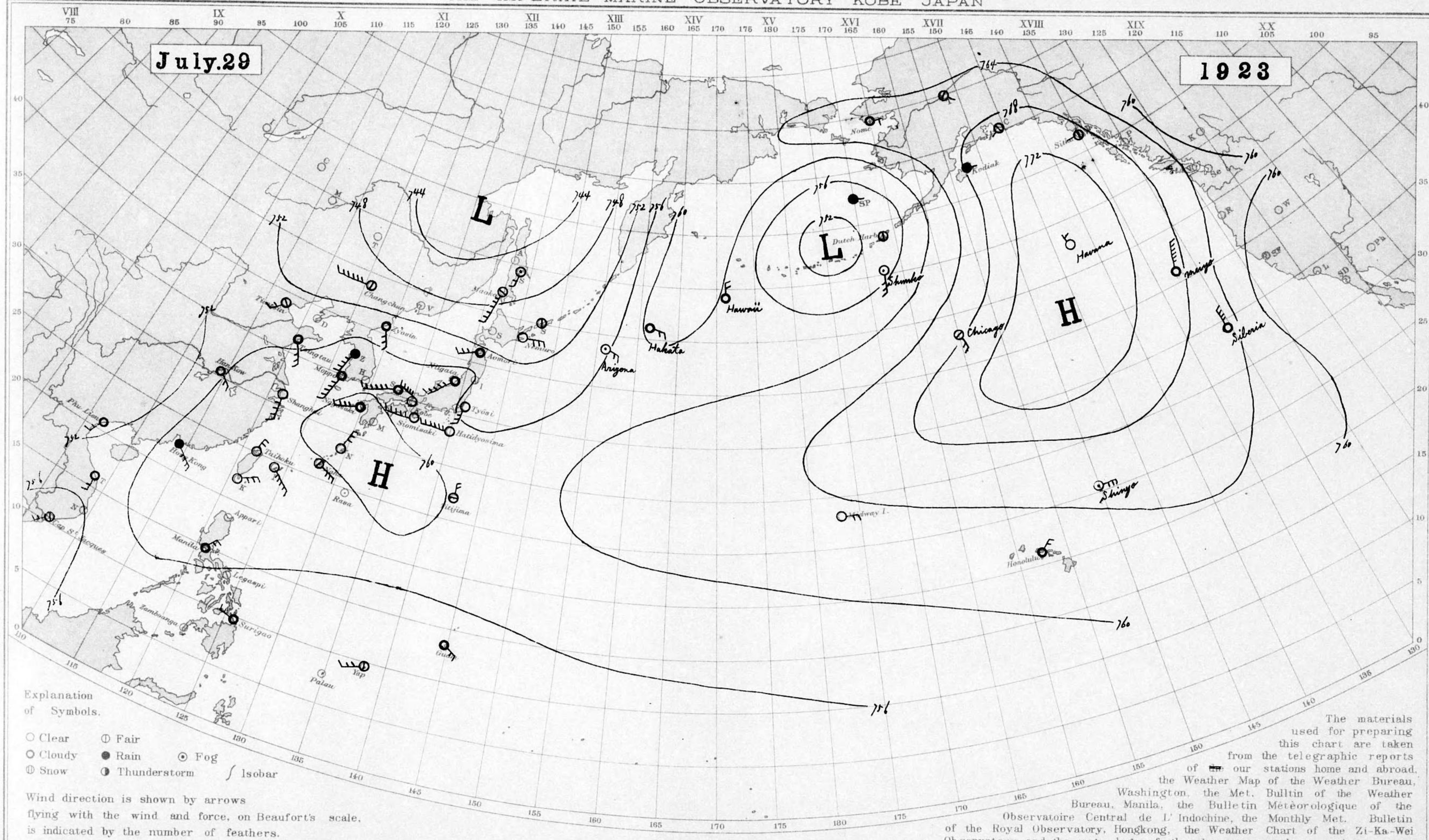
77

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 210



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.

洋氣象台

Station	Taihoku	Naha	Nagasaki	Siomisaki	Kobe	Tyosi	Hatidoyosima	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.)*	758.2	759.9	760.8	757.2	758.7	755.6	757.6	759.6	757.0	753.4	749.8	746.1	759.3	754.9	749.2	754.1	755.7
Air Temperature (in C)	32.5	31.8	29.3	29.6	31.1	28.2	28.8	30.8	25.8	28.5	32.4	21.0	28.4	26.2	30.0	-	28.9
Direction and Force of Winds (0-12)	NNE 2	ESE 3	WSW 4	W 5	WNW 5	SSW 3	W 6	N 2	SW 5	WSW 3	E 3	SSW 6	SSW 5	SSE 3	W 6	SW 2	SSE 3
Weather	clear	fair	cloudy	clear	clear	clear	clear	fair	cloudy	cloudy	clear	fair	cloudy	cloudy	fair	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.)*	757.9	755.8	-	-	757.1	758.2	757.1	756.3	755.4	751.7	760.1	762.0	763.5	765.0	768.6	754.9	768.0
Air Temperature (in C)	32.9	-	-	-	26.	27.	27.	-	-	30.	28.	26.	24.	17.	14.	12.	12.
Direction and Force of Winds (0-12)	S 4	SE 2	-	-	SE 4	NE 2	WNW 2	SE 2	WSW 3	SSW 2	SW 2	NE 2	E 2	E 1	W -	calm	E -
Weather	clear	cloudy	-	-	rain	cloudy	cloudy	cloudy	fair	cloudy	fair	cloudy	clear	cloudy	fair	fair	rain

日一月七年二十

圖氣天洋平大北

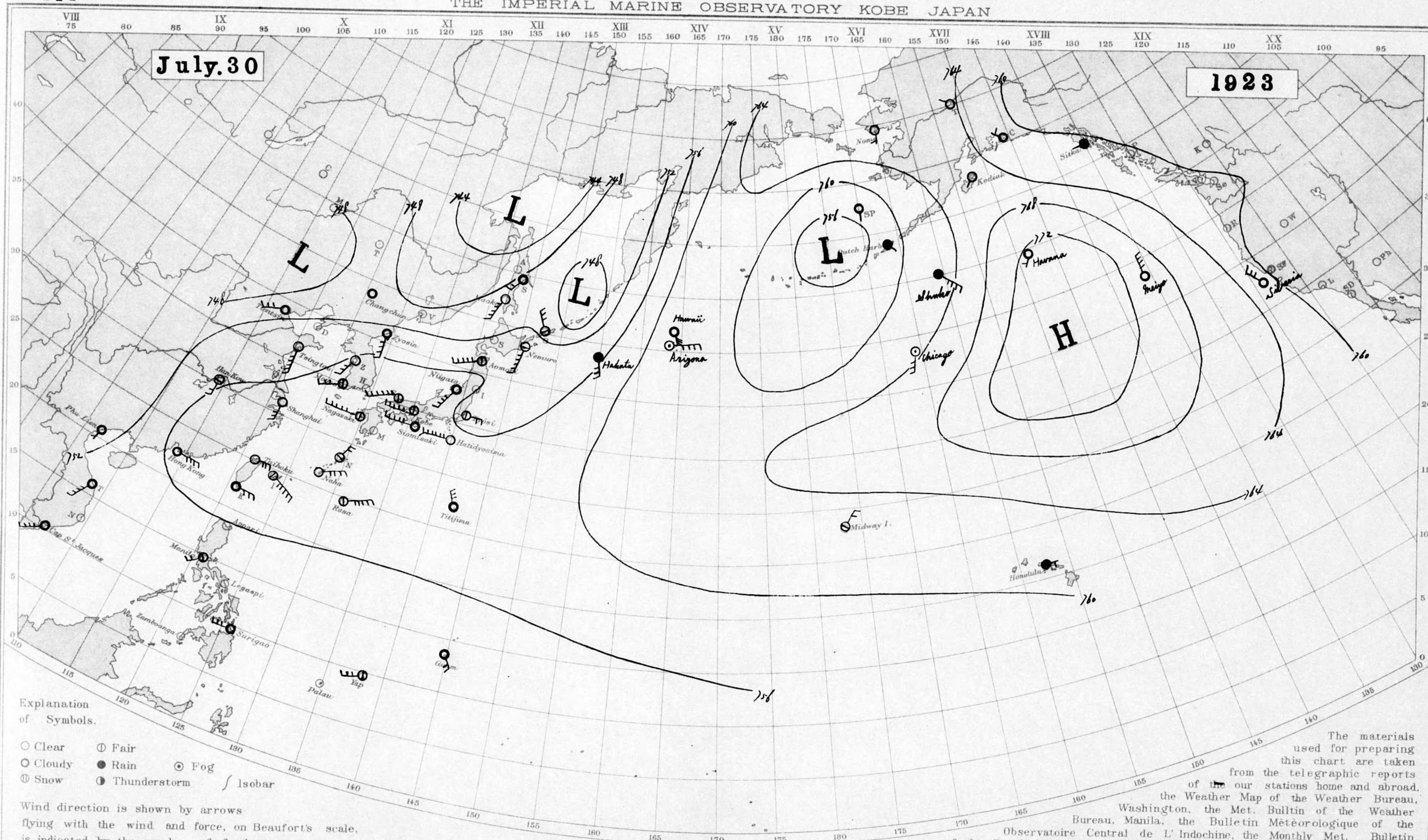
號十百二第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 211



July.30

1923

- 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	Simi saki	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 Strd. Gr.)	757.2	759.0	759.6	756.6	757.5	755.8	756.9	759.4	756.4	754.1	750.5	749.3	758.6	752.9	749.4	751.2	754.6
Air Temperature (in C)	33.9	31.3	29.5	30.8	30.5	27.5	29.6	31.2	26.4	28.2	29.7	20.4	29.5	19.7	27.5	-	27.8
Direction and Force of Winds (0-12)	E 3	ENE 4	W 5	W 5	W 5	E 2	W 5	NNW 3	SW 4	WSW 5	SSW 5	SSW 5	WSW 3	S 4	calm	WSW 3	S 5
Weather	clear	clear	fair	cloudy	fair	fair	clear	cloudy	cloudy	fair	clear	clear	fair	cloudy	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 Strd. Gr.)	757.3	755.8	758.9	-	757.4	*756.7	*755.9	*756.2	*755.9	*753.1	*759.7	761.0	763.0	767.1	760.5	759.5	764.5
Air Temperature (in C)	32.4	-	30.0	-	26.4	29.	28.	-	-	24.	28.	24.	26.	18.	12.	11.	14.
Direction and Force of Winds (0-12)	S 3	S 2	ENE 5	-	E 4	SW 2	W 3	SSE 2	WSW 3	SSW 1	SW 4	E 1	NE 2	S 1	W -	SE -	SW -
Weather	clear	fair	fair	-	cloudy	fair	cloudy	cloudy	fair	cloudy	cloudy	rain	fair	clear	rain	cloudy	clear

日十月七年一十正

圖氣天洋平大北

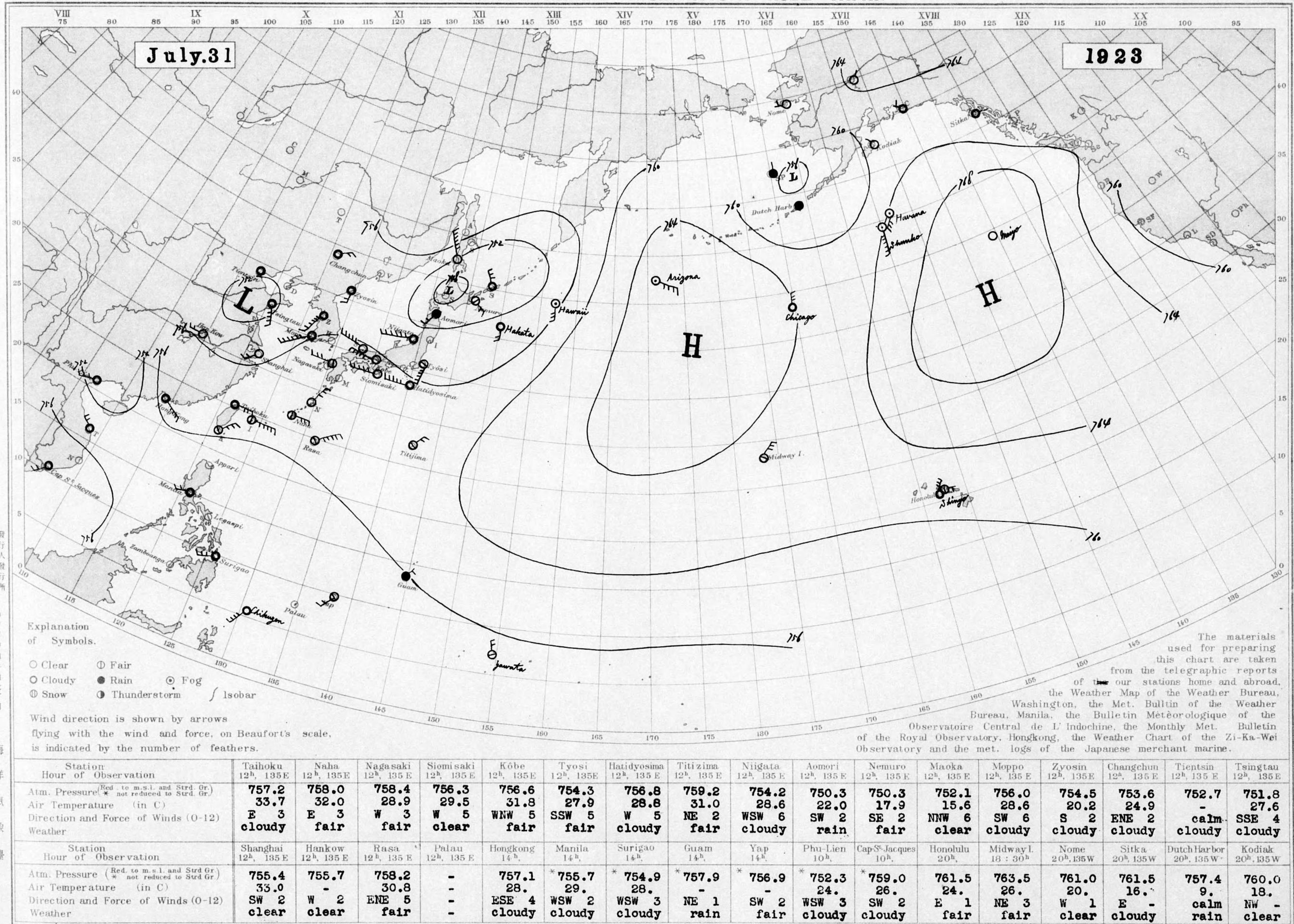
號一十百一第

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 212



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.

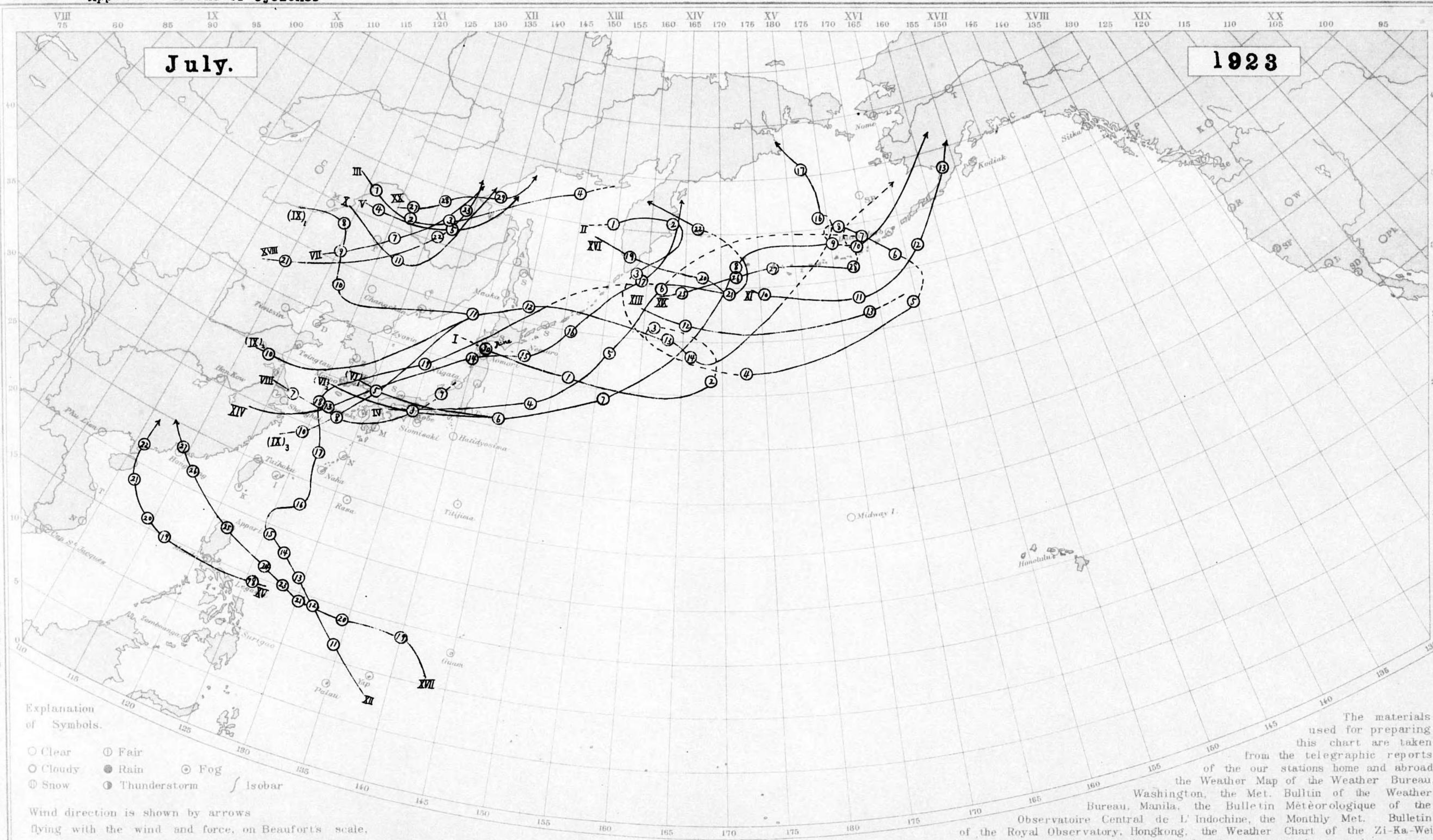
Station	Taihoku	Naha	Nagasaki	Siomisaki	Kobe	Tyosi	Hatidyosima	Titizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	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.)	757.2	758.0	758.4	756.3	756.6	754.3	756.8	759.2	754.2	750.3	750.3	752.1	756.0	754.5	753.6	752.7	751.8
Air Temperature (in C)	33.7	32.0	28.9	29.5	31.8	27.9	28.8	31.0	28.6	22.0	17.9	15.6	28.6	20.2	24.9	-	27.6
Direction and Force of Winds (0-12)	E 3	E 3	W 3	W 5	WNW 5	SSW 5	W 5	NE 2	WSW 6	SW 2	SE 2	NNW 6	SW 6	S 2	ENE 2	calm	SSE 4
Weather	cloudy	fair	fair	clear	fair	fair	cloudy	fair	cloudy	rain	fair	clear	cloudy	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	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.)	755.4	755.7	758.2	-	757.1	* 755.7	* 754.9	* 757.9	* 756.9	* 752.3	* 759.0	761.5	763.5	761.0	761.5	757.4	760.0
Air Temperature (in C)	33.0	-	30.8	-	28.	29.	28.	-	-	24.	26.	24.	26.	20.	16.	9.	18.
Direction and Force of Winds (0-12)	SW 2	W 2	ENE 5	-	ESE 4	WSW 2	WSW 3	NE 1	SW 2	WSW 3	SW 2	E 1	NE 3	W 1	E -	calm	NW -
Weather	clear	clear	fair	-	cloudy	cloudy	cloudy	rain	fair	cloudy	cloudy	fair	fair	clear	cloudy	rain	clear

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the time of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No Appendix: Tracks of Cyclones



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Explanation of Symbols.

- Clear
- ☉ Cloudy
- ⊖ Snow
- ⊙ Fair
- Rain
- ⊙ Thunderstorm
- ⊖ Fog
- 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.)																	
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-Jarques	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.)						*	*	*	*	*	*						
Air Temperature (in C)																	
Direction and Force of Winds (0-12)																	
Weather																	

不許複製

印刷所

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