

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

北 太 平 洋 天 氣 圖

大 正 十 三 年 八 月

神 戶

海 洋 氣 象 臺

# DAILY WEATHER CHARTS

OF THE

NORTH PACIFIC OCEAN.

AUGUST

1924



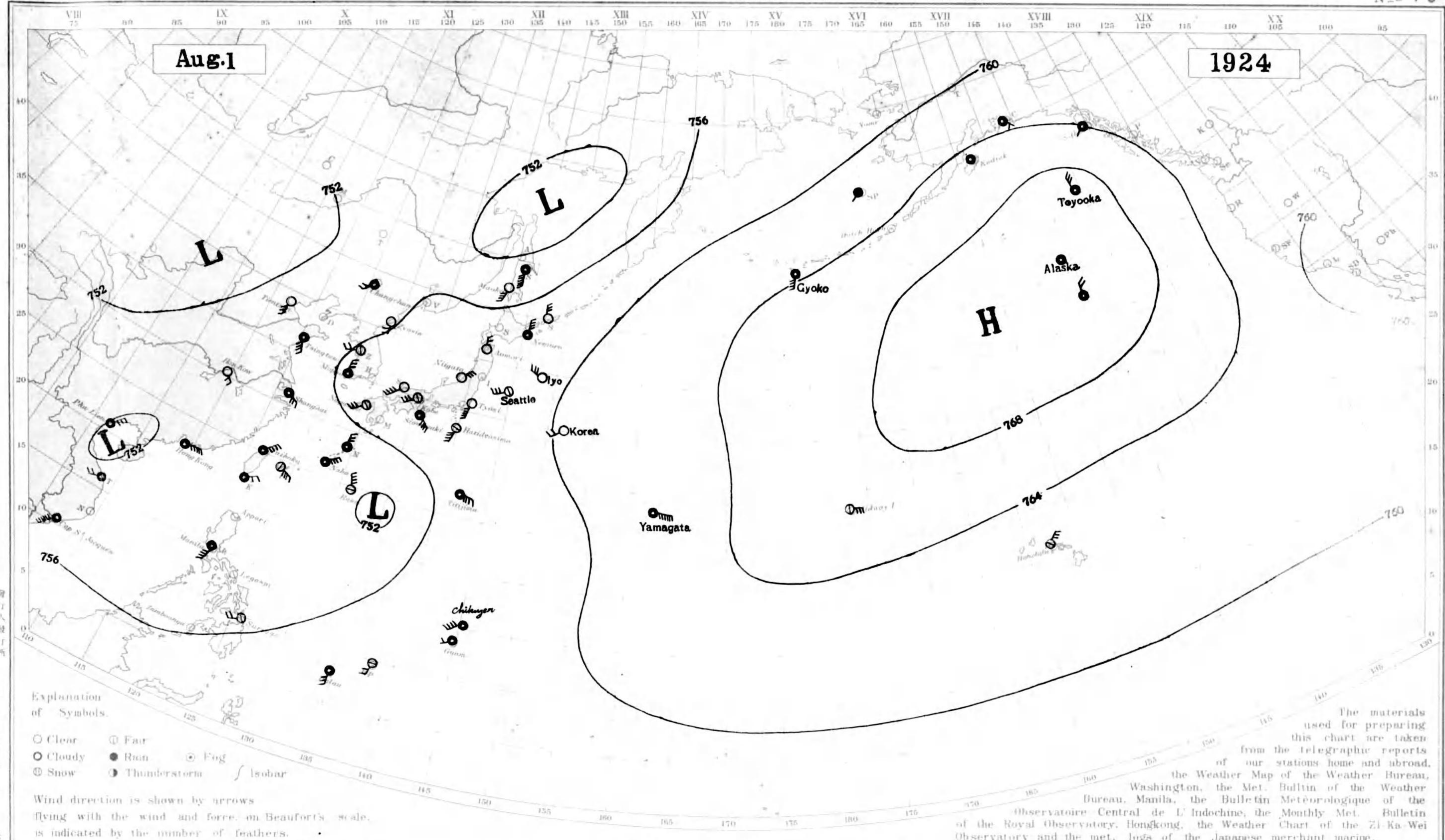
THE IMPERIAL MARINE OBSERVATORY,  
KOBE, JAPAN.

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 79



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.

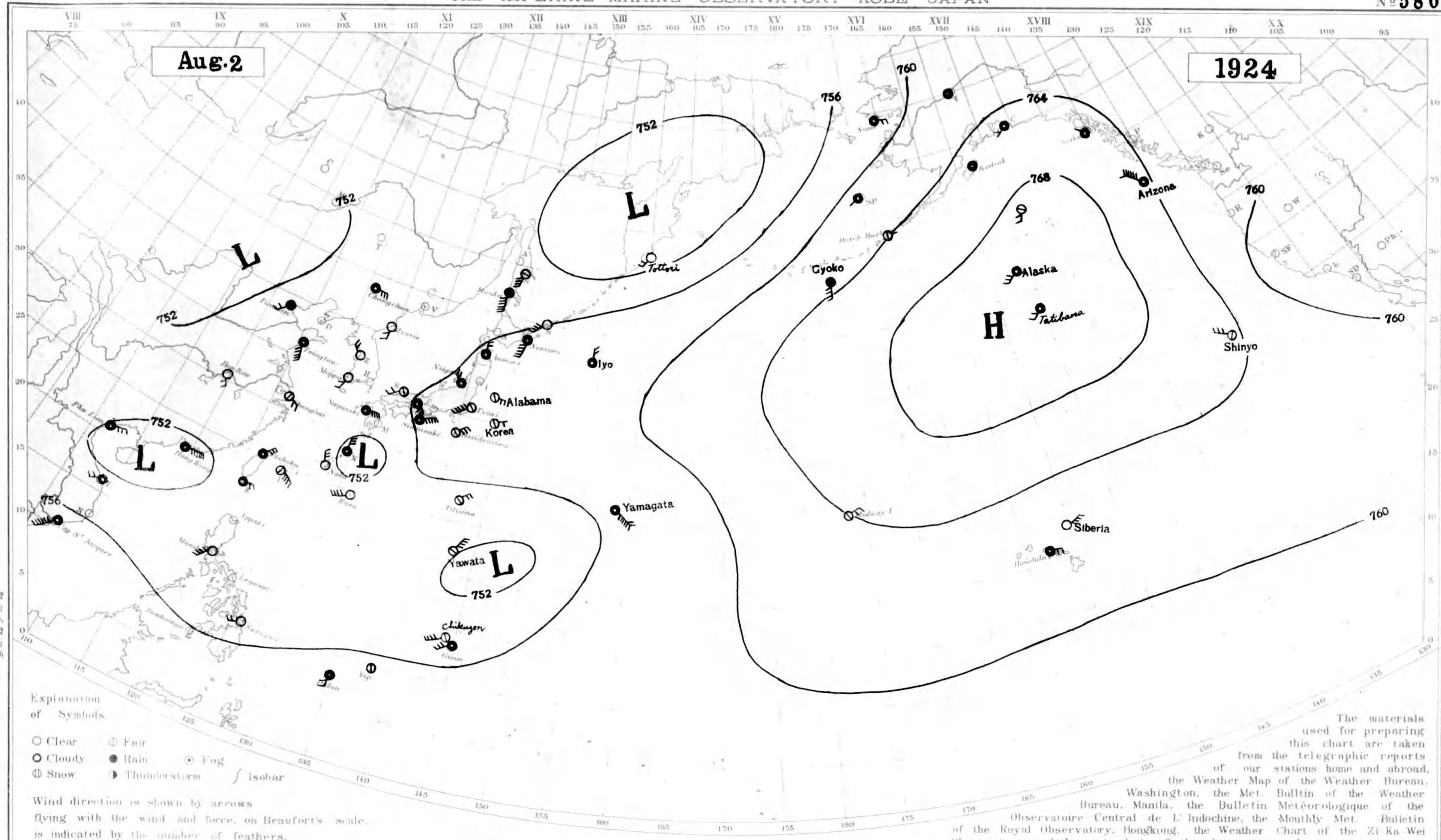
Station	Tokoku	Naha	Nagasaki	Siomiaki	Kobe	Tyosi	Hatidyosima	Fuzuzima	Niigata	Aomori	Nemuro	Maeka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>
Atm. Pressure (Red to sea, and Std. Gr.)	753.5	755.1	756.9	757.9	757.3	757.8	758.4	756.7	757.2	757.5	758.6	755.0	756.1	755.8	754.2	754.9	757.5
Air Temperature (in C)	32.0	27.0	30.0	29.5	32.4	29.0	30.0	29.0	32.0	28.6	16.3	22.2	31.6	26.5	26.8	32.2	24.7
Direction and Force of Winds (0-12)	NE 4	NE 4	SW 3	SE 4	SW 3	SSW 5	SSW 4	ESE 4	NE 3	N 2	N 4	SSW 4	N 5	S 2	SW 2	S 5	SSE 4
Weather	cloudy	cloudy	fair	cloudy	fair	clear	fair	cloudy	clear	clear	cloudy	clear	cloudy	clear	cloudy	clear	cloudy
Station	Shanghai	Hankow	Rosa	Padua	Hongkong	Manila	Surigo	Giam	Yap	Phu-Lien	Cap. S. Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	10 <sup>h</sup>	10 <sup>h</sup>	20 <sup>h</sup>	18 : 30 <sup>h</sup>	20 <sup>h</sup> , 135 <sup>W</sup>	20 <sup>h</sup> , 135 <sup>W</sup>	20 <sup>h</sup> , 135 <sup>W</sup>	20 <sup>h</sup> , 135 <sup>W</sup>
Atm. Pressure (Red to sea, and Std. Gr.)	756.0	754.9	753.7	757.6	752.9	754.9	757.1	758.0	759.2	753.5	757.9	762.0	765.0	-	764.0	-	765.0
Air Temperature (in C)	30.4	33.4	28.7	28.3	29.	28.	31.	-	-	25.	26.	24.	26.	-	13.	-	12.
Direction and Force of Winds (0-12)	ESE 3	SE 2	NNW 4	S 3	E 5	SSW 4	WSW 2	SW 1	SSW 2	NE 3	SW 6	NE 3	E 3	-	SW -	-	calm
Weather	cloudy	clear	fair	cloudy	cloudy	cloudy	fair	cloudy	fair	cloudy	cloudy	fair	fair	-	cloudy	-	cloudy

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 580



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.

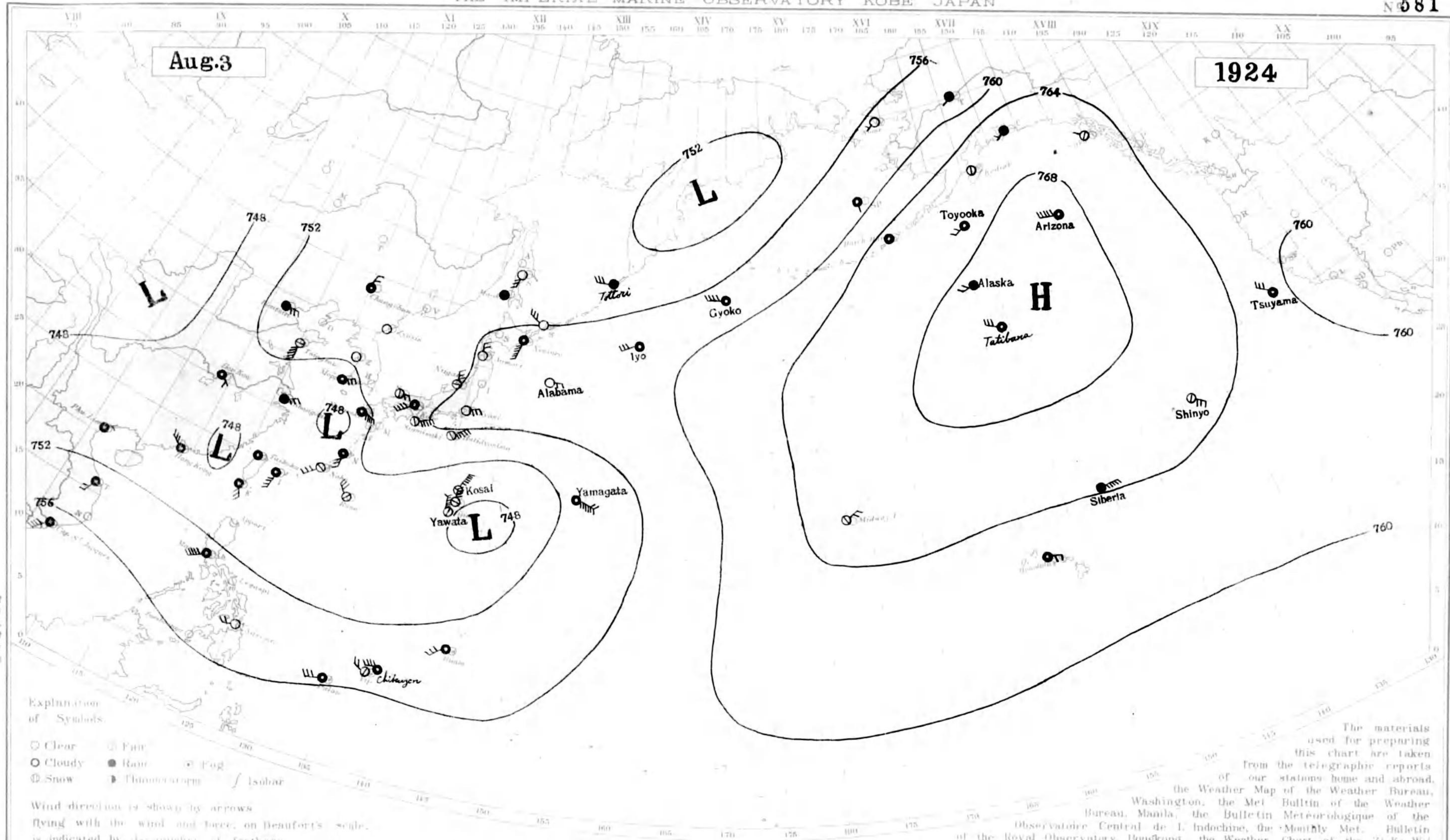
Station	Taihoku	Naha	Nagasaki	Siemisaki	Kobe	Tyosi	Hatidyosma	Thizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E
Atm. Pressure (Red to m + 1 and Sea to m)	752.8	753.2	753.4	756.9	756.3	757.9	757.8	755.0	756.8	756.3	757.1	753.9	754.0	754.4	754.8	752.6	754.9
Air Temperature (in C)	31.6	29.8	31.1	27.4	32.3	29.4	30.2	30.5	32.1	28.0	22.3	21.4	31.9	26.9	17.9	26.3	25.8
Direction and Force of Winds (1-12)	NE 3	NNW 3	E 4	ENE 5	SE 3	SW 5	NE 3	NE 2	NW 2	N 2	SSW 5	S 6	SSW 2	S 2	E 3	SW 2	SSE 5
Weather	cloudy	clear	cloudy	cloudy	cloudy	fair	fair	fair	cloudy	cloudy	cloudy	rain	clear	clear	cloudy	rain	cloudy
Station	Shanghai	Hankow	Rusa	Palau	Hongkong	Manila	Surigo	Guan	Yap	Phi Lien	Cap S Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	10 <sup>h</sup>	10 <sup>h</sup>	12 <sup>h</sup> , 135° E	10 <sup>h</sup> , 130 <sup>h</sup>	20 <sup>h</sup> , 135° W	20 <sup>h</sup> , 135° W	20 <sup>h</sup> , 135° W	20 <sup>h</sup> , 135° W
Atm. Pressure (Red to m + 1 and Sea to m)	754.9	753.0	753.9	756.9	751.4	755.8	757.2	756.0	757.8	753.5	758.0	762.0	764.0	758.4	764.5	764.0	764.5
Air Temperature (in C)	31.9	33.5	29.5	30.0	30.	27.	31.	-	-	29.	28.	24.	26.	12.	13.	17.	14.
Direction and Force of Winds (1-12)	ESE 2	SSE 2	WSW 4	S 2	E 6	SW 4	WSW 2	SW 3	calm	ENE 3	SW 6	E 2	NE 2	E 2	NW -	E -	calm
Weather	fair	clear	clear	cloudy	cloudy	clear	clear	cloudy	fair	cloudy	cloudy	cloudy	fair	cloudy	cloudy	fair	cloudy

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

N 581



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 here 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.

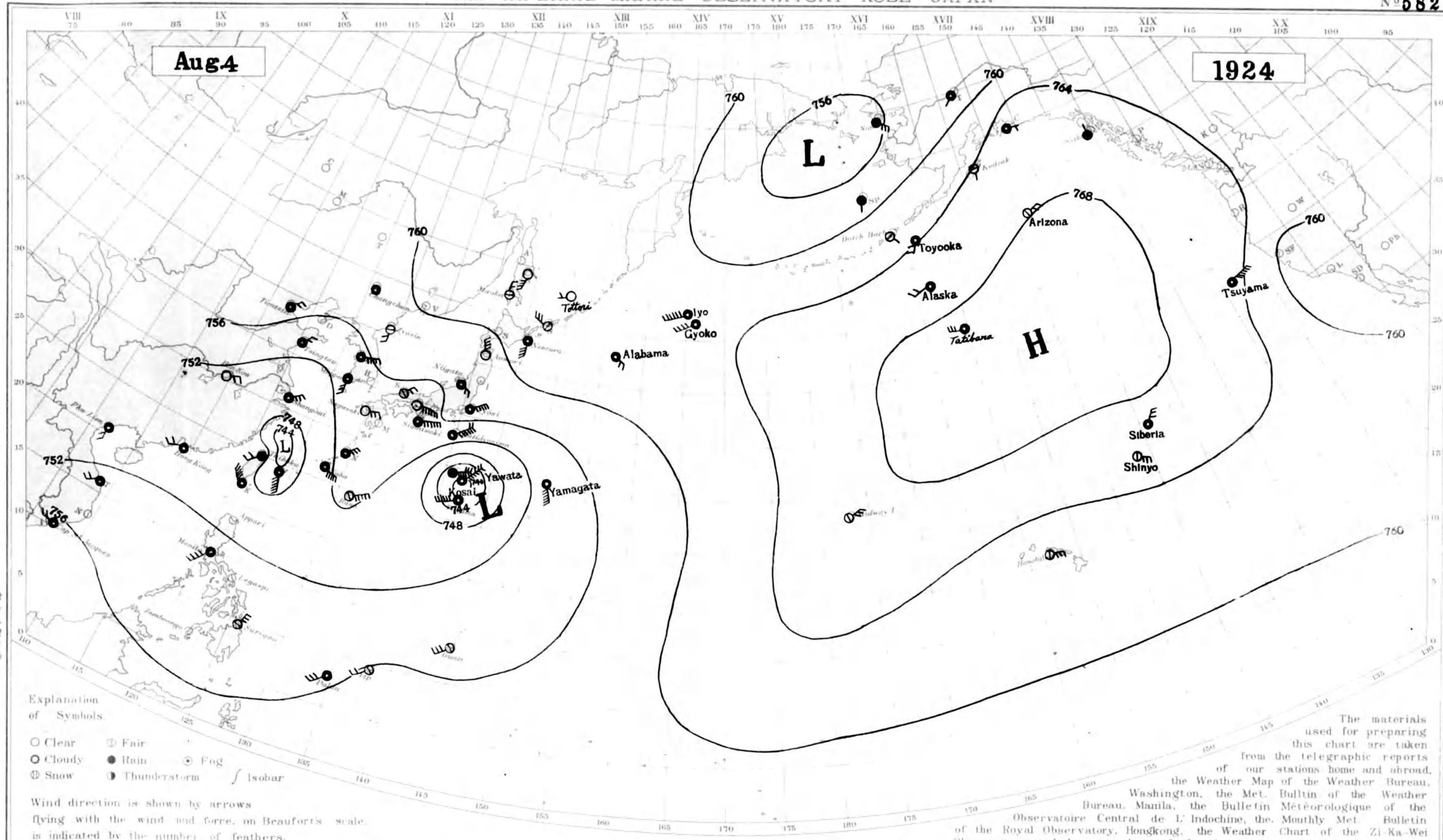
Station	Tsukuba	Naha	Nagasaki	Simoda	Kobe	Tyos	Hatoyosuna	Tokushima	Niigata	Aomori	Nemuro	Moeka	Moepo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 <sup>h</sup> 135° E	12 <sup>h</sup> 135° E	12 <sup>h</sup> 135° E	12 <sup>h</sup> 135° E	12 <sup>h</sup> 135° E	12 <sup>h</sup> 135° E	12 <sup>h</sup> 135° E	12 <sup>h</sup> 135° E	12 <sup>h</sup> 135° E	12 <sup>h</sup> 135° E	12 <sup>h</sup> 135° E	12 <sup>h</sup> 135° E	12 <sup>h</sup> 135° E	12 <sup>h</sup> 135° E	12 <sup>h</sup> 135° E	12 <sup>h</sup> 135° E	12 <sup>h</sup> 135° E
Air Pressure	750.1	751.5	750.2	755.8	755.3	757.3	755.4	750.1	755.9	756.7	756.6	755.1	751.5	755.2	756.6	752.5	753.4
Air Temperature	28.8	29.4	27.5	27.9	32.2	26.6	28.3	29.8	31.1	29.6	23.0	17.3	31.6	27.9	18.2	24.2	26.2
Direction and Force of Winds	calm	SW 3	ENE 5	ENE 5	SW 4	ENE 3	NE 5	N 4	N 3	N 2	SSW 6	calm	ENE 4	calm	NNE 2	E 3	S 5
Weather	cloudy	fair	cloudy	fair	cloudy	clear	fair	fair	fair	clear	cloudy	rain	cloudy	clear	cloudy	rain	fair
Station	Shanghai	Hankow	Rosa	Peking	Hongkong	Manila	Singapore	Canton	Yap	Phil. Is.	San Francisco	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 <sup>h</sup> 135° E	12 <sup>h</sup> 135° E	12 <sup>h</sup> 135° E	12 <sup>h</sup> 135° E	12 <sup>h</sup> 135° E	12 <sup>h</sup> 135° E	12 <sup>h</sup> 135° E	12 <sup>h</sup> 135° E	12 <sup>h</sup> 135° E	12 <sup>h</sup> 135° E	12 <sup>h</sup> 135° E	12 <sup>h</sup> 135° E	12 <sup>h</sup> 135° E	12 <sup>h</sup> 135° E	12 <sup>h</sup> 135° E	12 <sup>h</sup> 135° E	12 <sup>h</sup> 135° E
Air Pressure	751.4	750.9	750.7	755.9	751.4	755.0	756.1	753.9	756.8	752.6	758.5	762.0	764.6	756.4	764.5	764.5	764.5
Air Temperature	30.6	32.9	29.9	30.1	30.	28.	32.	29.	29.	29.	24.	26.	24.	13.	13.	18.	14.
Direction and Force of Winds	ENE 3	SE 1	NW 3	WSW 3	WNW 3	SW 5	WSW 2	SW 3	WNW 2	ENE 1	SW 4	E 2	NE 2	SW 1	NW -	calm	calm
Weather	cloudy	cloudy	fair	cloudy	cloudy	cloudy	clear	cloudy	fair	cloudy	cloudy	cloudy	fair	clear	fair	cloudy	fair

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 582



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.

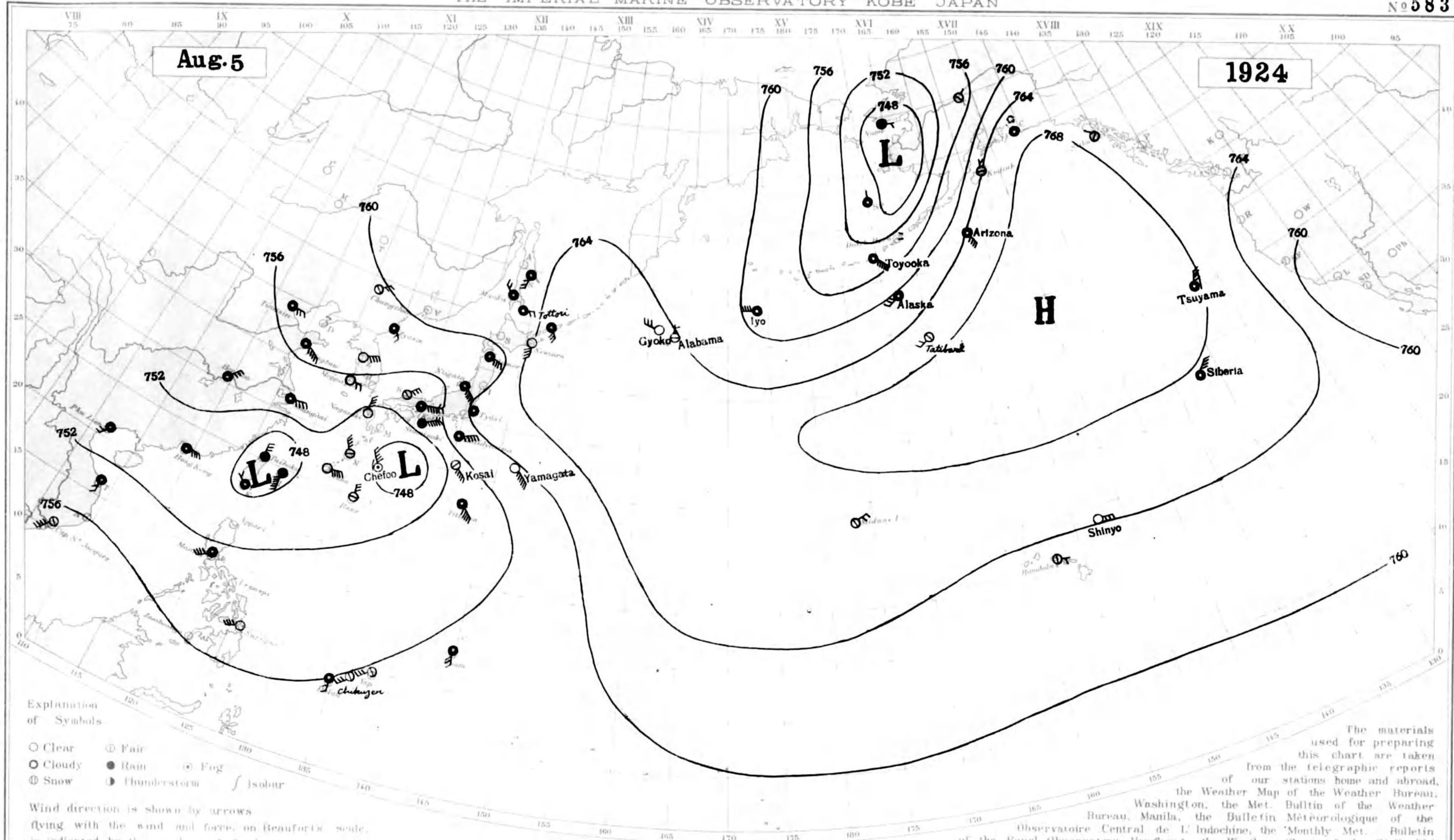
Station	Taihoku	Naha	Nagasaki	Siomasaki	Kobe	Tyosi	Hatidyosima	Titizima	Niigata	Asmori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsungtau
Hour of Observation	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E
Atm. Pressure (Red to sea level and corrected to Sea level)	749.5	751.1	754.2	754.6	755.1	757.0	752.3	742.0	757.3	758.2	761.2	762.5	753.9	759.9	768.0	758.3	752.9
Air Temperature (in °C)	26.0	28.9	31.0	30.3	32.2	25.0	25.9	26.8	33.0	28.0	19.8	19.6	27.4	29.6	22.0	24.8	27.8
Direction and Force of Winds (0-12)	SW 2	ESE 5	ENE 3	ENE 6	E 5	NE 5	NE 8	WSW 6	ESE 2	NNW 4	S 4	N 2	S 3	S 2	22.0	24.8	27.8
Weather	rain	cloudy	clear	cloudy	clear	cloudy	cloudy	cloudy	cloudy	clear	cloudy	fair	cloudy	fair	calm	NE 2	NNE 2
Station	Shanghai	Hankow	Rasa	Pidan	Hongkong	Manila	Surigao	Guam	Yap	Phi Lien	Cap S Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	10 <sup>h</sup>	10 <sup>h</sup>	20 <sup>h</sup>	18 <sup>h</sup> - 30 <sup>h</sup>	20 <sup>h</sup> , 135° W	20 <sup>h</sup> , 135° W	20 <sup>h</sup> , 135° W	20 <sup>h</sup> , 135° W
Atm. Pressure (Red to sea level and corrected to Sea level)	750.5	751.5	752.7	755.6	750.8	754.4	755.0	754.6	757.8	752.4	759.1	763.0	766.1	755.4	766.1	762.0	764.0
Air Temperature (in °C)	30.5	32.3	30.4	28.1	32.	26.	31.	-	-	30.	26.	26.	26.	11.	12.	20.	16.
Direction and Force of Winds (0-12)	NE 3	ENE 2	ENE 5	SW 3	WSW 2	SW 4	NNE 3	SW 3	SW 2	S 2	W 2	E 3	NE 3	SE 3	N -	SE -	S -
Weather	cloudy	clear	fair	cloudy	cloudy	cloudy	fair	fair	fair	cloudy	cloudy	fair	fair	rain	rain	fair	fair

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 583



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	Tyos	Hatidyosma	Titizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtan
Hour of Observation	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E
Atm. Pressure (Red to sea level and Std. 1013)	746.9	751.1	751.8	753.3	754.5	760.3	757.0	753.4	756.9	759.1	763.9	762.6	755.2	767.8	759.5	756.6	756.8
Air Temperature (in °C)	25.9	30.0	30.7	24.6	32.0	28.7	27.8	20.5	33.1	32.1	21.1	23.1	31.0	25.6	25.9	26.4	25.9
Direction and Force of Winds (10-12)	N 3	E 5	N 4	ENE 8	E 8	SE 4	ENE 5	SE 5	SE 5	ESE 4	S 4	NW 2	E 2	SE 2	NE 2	E 3	ESE 5
Weather	rain	clear	clear	rain	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	clear	cloudy	clear	cloudy	fair	cloudy	cloudy

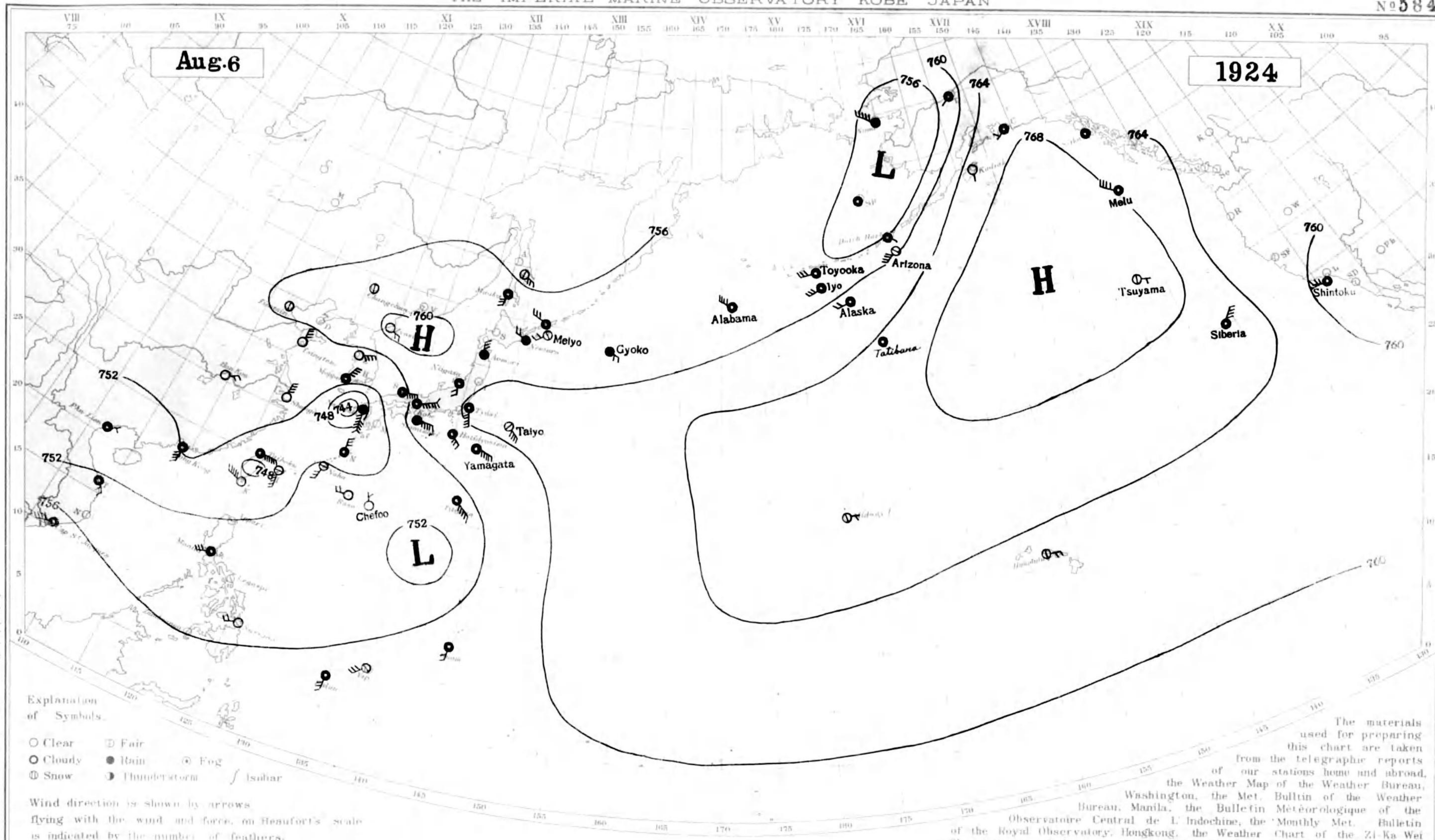
Station	Shanghai	Hankow	Rusa	Palau	Hongkong	Manila	SURIGAO	Guam	Yap	Phi Lien	Cap S. Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	10 <sup>h</sup>	10 <sup>h</sup>	20 <sup>h</sup>	18:30 <sup>h</sup>	20 <sup>h</sup> , 135 W	20 <sup>h</sup> , 135 W	20 <sup>h</sup> , 135 W	20 <sup>h</sup> , 135 W
Atm. Pressure (Red to sea level and Std. 1013)	753.7	753.5	751.5	756.0	750.8	753.7	755.0	757.1	757.4	751.1	758.7	763.5	766.1	747.3	767.1	-	764.0
Air Temperature (in °C)	30.2	27.8	30.9	27.1	30.	28.	32.	-	-	32.	27.	26.	26.	13.	13.	-	14.
Direction and Force of Winds (10-12)	E 4	NE 3	N 3	S 2	E 4	WSW 4	WSW 4	S 3	SW 3	SW 2	SW 4	E 1	NE 2	E 1	NW -	-	N -
Weather	cloudy	cloudy	fair	cloudy	cloudy	cloudy	clear	cloudy	fair	cloudy	fair	fair	fair	rain	fair	-	fair

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 584



印 發  
報 大 報 日 朝  
報 日 中 山 主 通 七 丁 日  
海 洋 氣 象 會 社

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	Tsuhoku 12° 135° E	Naha 12° 135° E	Nagasaki 12° 135° E	Siomisaki 12° 135° E	Kobe 12° 135° E	Tyosi 12° 135° E	Hattiyosma 12° 135° E	Tiizima 12° 135° E	Niigata 12° 135° E	Aomori 12° 135° E	Nemuro 12° 135° E	Maoka 12° 135° E	Moppo 12° 135° E	Zyosin 12° 135° E	Changchun 12° 135° E	Tientsin 12° 135° E	Tsingtau 12° 135° E
Hour of Observation																	
Atm. Pressure (Red to sea level and 30 in. to 1013.25 mb)	749.0	752.8	744.5	757.4	756.4	760.6	759.2	754.0	758.6	759.1	758.7	758.3	752.7	760.1	757.3	758.3	755.7
Air Temperature (in °C)	29.5	30.5	23.7	27.1	29.7	27.4	27.6	26.6	34.4	26.8	29.1	19.4	31.4	28.8	31.5	29.3	28.4
Direction and Force of Winds (10-12)	E 6	SSW 3	S 10	E 5	ENE 7	SSE 5	SE 3	SE 6	S 2	N 3	WNW 2	SSW 3	NNE 4	ESE 2	calm	calm	N 4
Weather	cloudy	fair	rain	rain	cloudy	cloudy	cloudy	cloudy	cloudy	rain	rain	cloudy	cloudy	clear	fair	fair	clear

Station	Shanghai 12° 135° E	Hankow 12° 135° E	Rosa 12° 135° E	Pusan 12° 135° E	Hongkong 14°	Manila 14°	Singao 14°	Quinn 14°	Yap 14°	Phu Lien 10°	Cap St Jacques 10°	Honolulu 20°	Midway I. 10° 30°	Nome 20° 135° W	Sitka 20° 135° W	Dutch Harbor 20° 135° W	Kodiak 20° 135° W
Hour of Observation																	
Atm. Pressure (Red to sea level and 30 in. to 1013.25 mb)	753.7	754.8	753.7	757.1	752.0	755.8	756.7	758.1	758.7	752.9	758.2	763.0	765.0	755.4	766.6	-	766.1
Air Temperature (in °C)	31.0	31.3	30.9	29.5	28.	25.	32.	-	-	29.	27.	24.	27.	9.	13.	-	13.
Direction and Force of Winds (10-12)	N 4	ENE 2	W 2	S 3	S 4	WSW 3	WSW 2	SSW 2	SW 3	ENE 1	WSW 4	E 2	E 1	NW 5	calm	SE -	S -
Weather	clear	clear	clear	cloudy	cloudy	clear	clear	cloudy	fair	cloudy	cloudy	fair	fair	rain	cloudy	cloudy	clear

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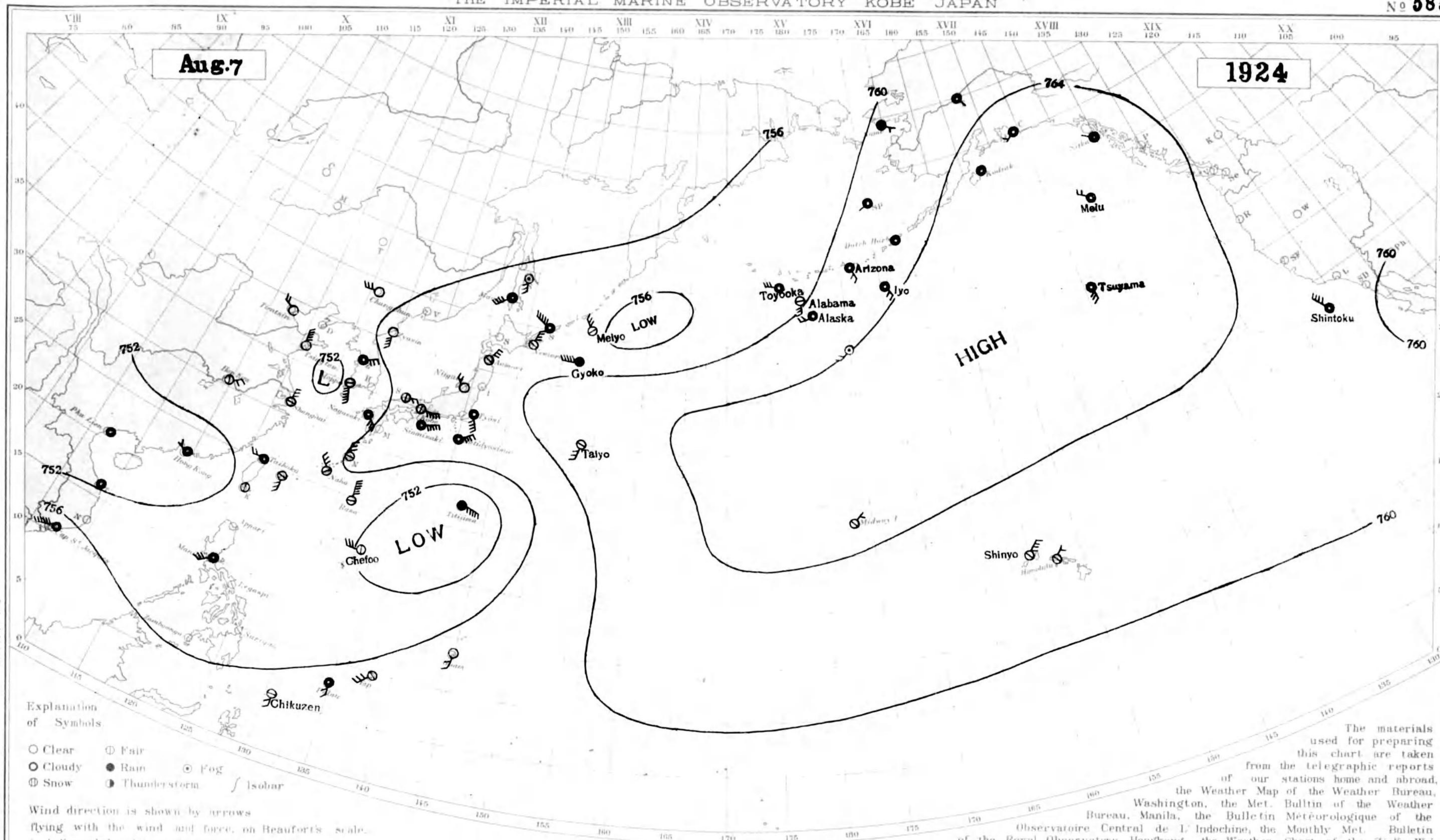
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# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 585



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	Shimonaki	Kobe	Tyosai	Hatidoyosima	Titiyama	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E
Atm. Pressure (Red to sea level and corrected to 30 in. Hg)	753.0	753.5	754.4	757.8	757.3	759.0	757.9	750.7	758.1	757.8	757.5	757.8	752.5	757.3	754.0	755.6	753.8
Air Temperature (in °C)	30.2	31.2	29.3	25.6	33.0	28.6	28.5	25.9	32.1	28.4	24.5	19.6	28.3	27.6	33.2	30.8	29.0
Direction and Force of Winds (in 12)	W 2	NW 3	SE 3	ENE 5	E 5	SSE 4	NE 4	ESE 5	NW 2	NNE 3	NNE 4	SW 4	SSE 6	S 4	W 3	WNW 2	N 5
Weather	cloudy	fair	cloudy	cloudy	fair	cloudy	cloudy	rain	clear	fair	fair	cloudy	fair	clear	clear	clear	clear
Station	Shanghai	Hankow	Rosa	Palau	Hongkong	Manila	SUPISO	Guam	Yap	Phi Lien	Cap S Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	10 <sup>h</sup>	10 <sup>h</sup>	20 <sup>h</sup>	10 : 30 <sup>h</sup>	20 <sup>h</sup> , 135° W	20 <sup>h</sup> , 135° W	20 <sup>h</sup> , 135° W	20 <sup>h</sup> , 135° W
Atm. Pressure (Red to sea level and corrected to 30 in. Hg)	752.7	754.5	753.0	757.1	751.4	755.8	-	757.0	757.9	752.8	758.4	762.5	764.5	760.5	765.5	763.0	767.1
Air Temperature (in °C)	30.0	31.0	31.9	27.5	32.	27.	-	-	-	28.	24.	24.	26.	11.	13.	17.	16.
Direction and Force of Winds (in 12)	N 3	ENE 2	N 6	S 2	WNW 1	SW 3	-	SSW 2	SW 3	calm	WSW 6	NE 1	NE 1	SE 1	NW -	calm	calm
Weather	fair	fair	fair	cloudy	cloudy	cloudy	-	clear	fair	cloudy	cloudy	fair	fair	rain	cloudy	cloudy	cloudy

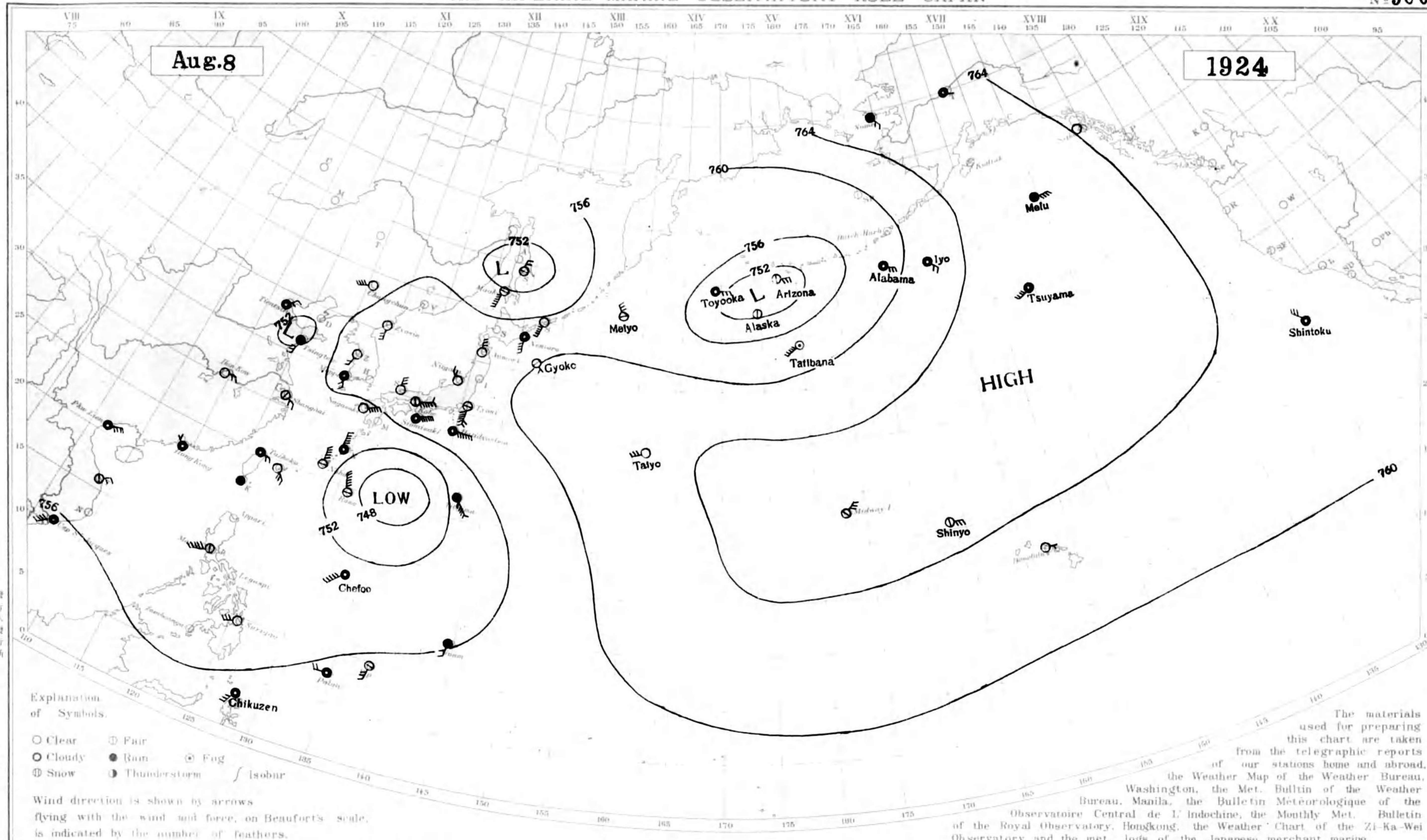


# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 586



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.

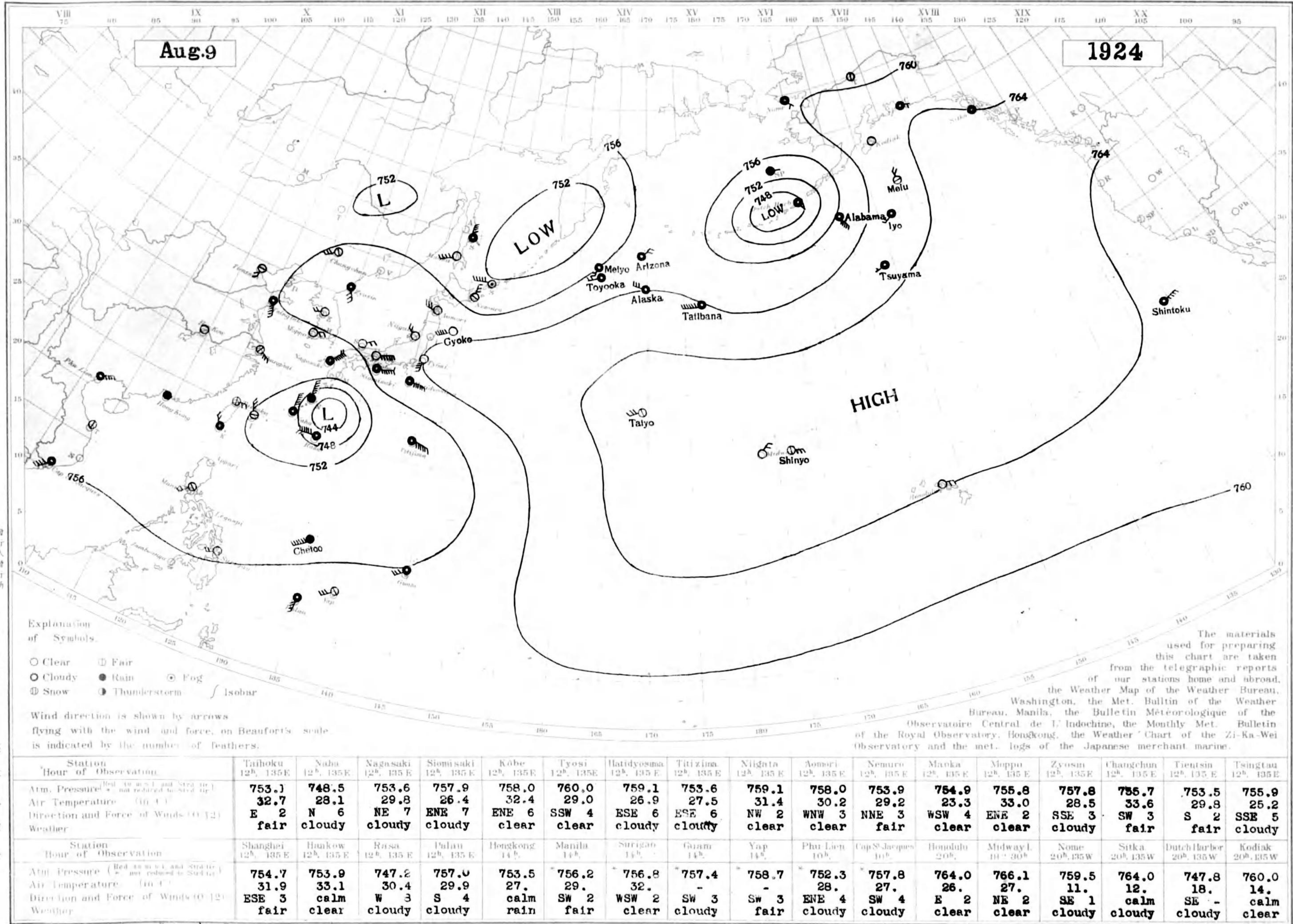
Station	Taihoku 12° 135 E	Naha 12° 135 E	Nagasaki 12° 135 E	Siomaki 12° 135 E	Kobe 12° 135 E	Tyosi 12° 135 E	Hatidyosima 12° 135 E	Titizima 12° 135 E	Niigata 12° 135 E	Aomori 12° 135 E	Nemuro 12° 135 E	Maoka 12° 135 E	Moppo 12° 135 E	Zyosin 12° 135 E	Changchun 12° 135 E	Tientsin 12° 135 E	Tsingtau 12° 135 E
Hour of Observation																	
Atm. Pressure (Red to 0.1 and Std to 1)	752.7	752.9	755.8	757.5	757.4	759.2	758.0	752.1	758.6	757.8	757.8	752.1	756.4	757.1	755.8	754.7	751.7
Air Temperature (in C)	32.3	29.7	29.9	26.5	32.2	29.3	27.1	26.1	32.1	19.5	24.0	31.1	29.6	29.6	33.2	29.4	24.6
Direction and Force of Winds (12)	E 2	N 5	ENE 5	ENE 6	ENE 7	S 8	E 6	SE 7	NW 2	N 3	S 4	SSW 6	SSE 2	S 3	WSW 4	NE 2	SSW 3
Weather	cloudy	fair	clear	cloudy	fair	fair	cloudy	rain	clear	clear	cloudy	fair	cloudy	clear	clear	cloudy	rain
Station	Shanghai 12° 135 E	Hankow 12° 135 E	Rosa 12° 135 E	Palau 12° 135 E	Hongkong 14°	Manila 14°	Souragan 14°	Guam 14°	Yap 14°	Phu Lien 10°	Cap S. Jacques 10°	Honolulu 20°	Midway I. 18 : 30°	Nome 20° 135 W	Sitka 20° 135 W	Dutch Harbor 20° 135 W	Kodiak 20° 135 W
Hour of Observation																	
Atm. Pressure (Red to 0.1 and Std to 1)	754.0	753.7	750.2	756.9	752.6	756.1	757.0	757.4	758.2	753.0	758.0	-	765.5	765.0	763.5	-	-
Air Temperature (in C)	32.5	32.5	30.9	28.8	27.	30.	31.	-	-	28.	28.	23.	27.	10.	14.	-	-
Direction and Force of Winds (12)	ESE 2	ENE 2	NNW 8	W 2	NW 1	WSW 5	WSW 3	SSW 2	SSW 3	ENE 4	SW 4	E 1	NE 3	SE 2	NW -	-	-
Weather	fair	clear	fair	cloudy	cloudy	fair	clear	rain	fair	cloudy	cloudy	clear	fair	rain	clear	-	-

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 587



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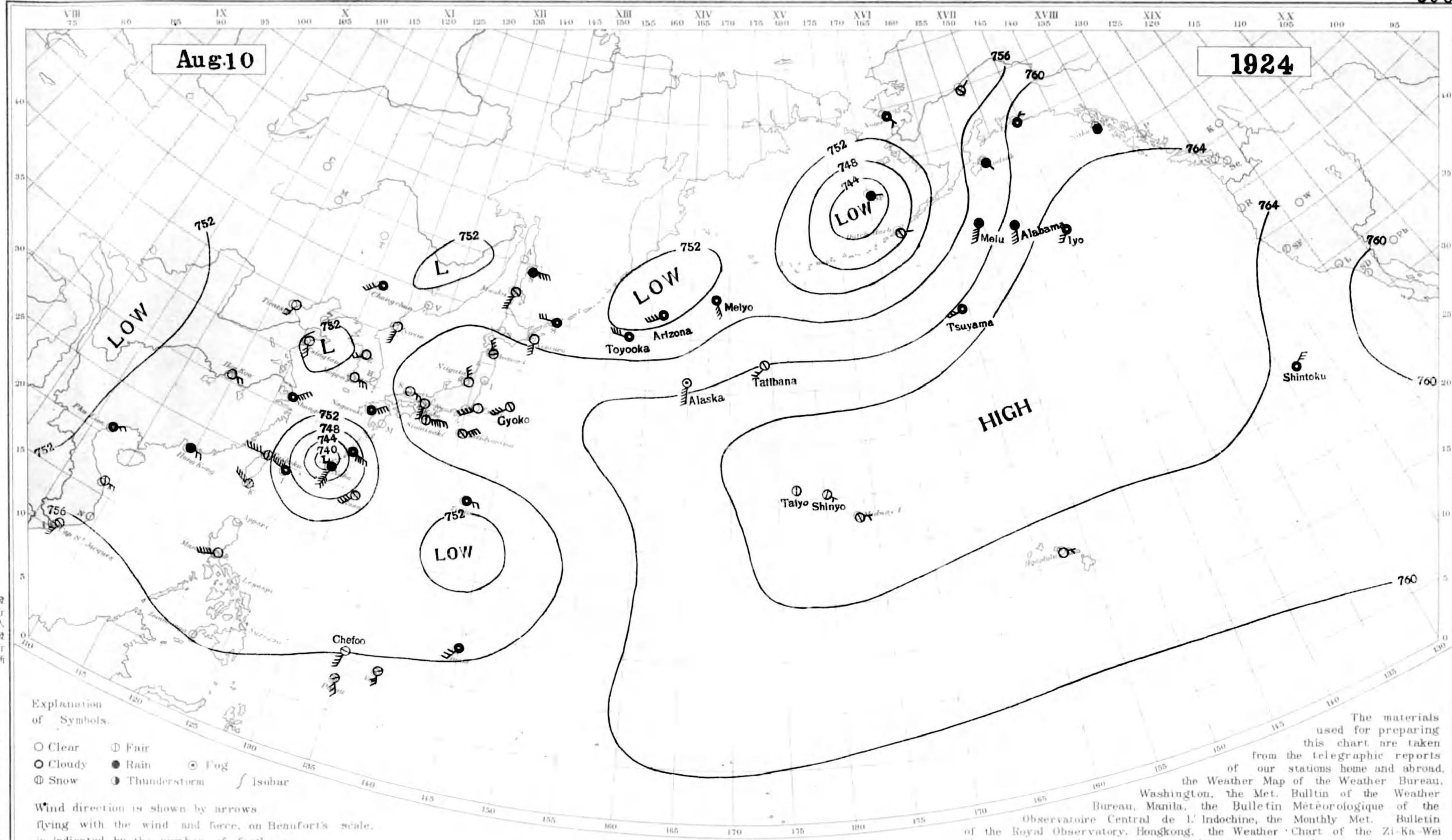
The materials used for preparing this chart are taken from the telegraphic reports of our stations home and abroad, the Weather Map of the Weather Bureau, Washington, the Met. Bulletin of the Weather Bureau, Manila, the Bulletin Météorologique of the Observatoire Central de l'Indochine, the Monthly Met.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

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 588



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.

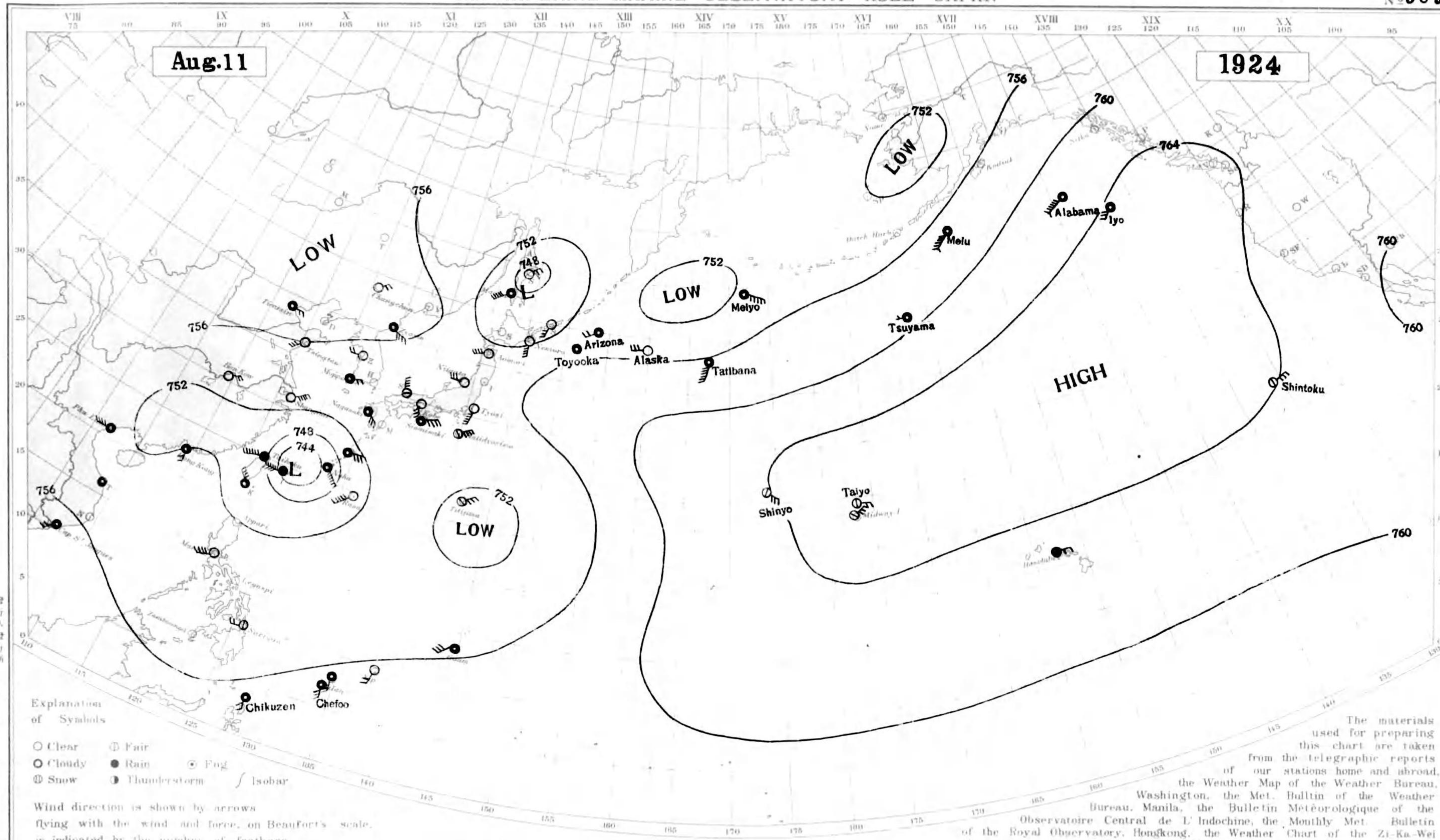
Station	Taihoku	Naha	Nagasaki	Siomasaki	Kobe	Tyosi	Hatidyosima	Titizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E
Atm. Pressure (Red. to sea level and corrected for height)	752.3	737.4	755.8	757.3	757.1	758.2	757.7	752.8	757.6	757.1	755.9	754.6	754.7	754.4	752.4	754.3	756.7
Air Temperature (in °C)	31.2	26.1	28.3	26.3	31.8	28.4	28.4	28.9	31.2	31.9	24.3	23.6	33.0	28.4	28.1	31.5	27.5
Direction and Force of Winds (0-12)	W 5	SSW 10	NE 4	ENE 6	S 4	SW 4	NE 4	E 2	NNW 3	NNW 3	S 4	SSW 5	E 3	SSW 5	SW 4	SSW 2	SSE 3
Weather	fair	rain	cloudy	fair	clear	clear	fair	cloudy	clear	fair	clear	fair	clear	clear	cloudy	clear	clear
Station	Shanghai	Hankow	Rusa	Pidau	Hongkong	Manila	Surigao	Guam	Yap	Phu Lien	Cap St Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	10 <sup>h</sup>	10 <sup>h</sup>	20 <sup>h</sup> , 135° W	18 <sup>h</sup> , 30 <sup>h</sup>	20 <sup>h</sup> , 135° W	20 <sup>h</sup> , 135° W	20 <sup>h</sup> , 135° W	20 <sup>h</sup> , 135° W
Atm. Pressure (Red. to sea level and corrected for height)	754.0	754.5	748.1	756.6	753.8	755.9	-	757.1	758.1	753.9	758.5	763.0	766.1	753.9	763.5	746.2	758.0
Air Temperature (in °C)	30.6	32.1	30.3	30.7	27.	30.	-	-	-	28.	29.	24.	27.	12.	12.	11.	19.
Direction and Force of Winds (0-12)	NE 5	E 2	SW 4	SSE 3	E 2	WSW 5	-	SW 3	SSE 3	ENE 2	SSW 4	E 1	E 1	SE 1	calm	E -	SE -
Weather	cloudy	clear	fair	fair	rain	clear	-	cloudy	fair	cloudy	fair	clear	fair	cloudy	rain	fair	rain

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 589



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	Simsaki	Kobe	Tyos	Hatidyosma	Titizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosui	Changchun	Tientsia	Tsingtau
Hour of Observation	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E
Atm. Pressure	749.3	745.3	753.5	756.0	755.6	755.0	755.2	751.7	755.6	753.5	750.2	748.2	754.3	756.2	758.3	757.9	756.0
Air Temperature	24.6	27.6	29.5	27.9	31.7	28.6	24.9	29.1	31.2	32.9	27.9	21.4	30.0	26.0	25.0	28.4	20.0
Direction and Force of Winds	WSW 6	SE 6	SE 3	ENE 4	S 3	SSW 5	NE 4	NE 3	W 3	WSW 4	S 4	SW 5	ESE 2	ESE 4	NE 2	E 2	SW 3
Weather	rain	cloudy	cloudy	cloudy	clear	clear	fair	fair	clear	clear	clear	cloudy	cloudy	cloudy	clear	cloudy	clear

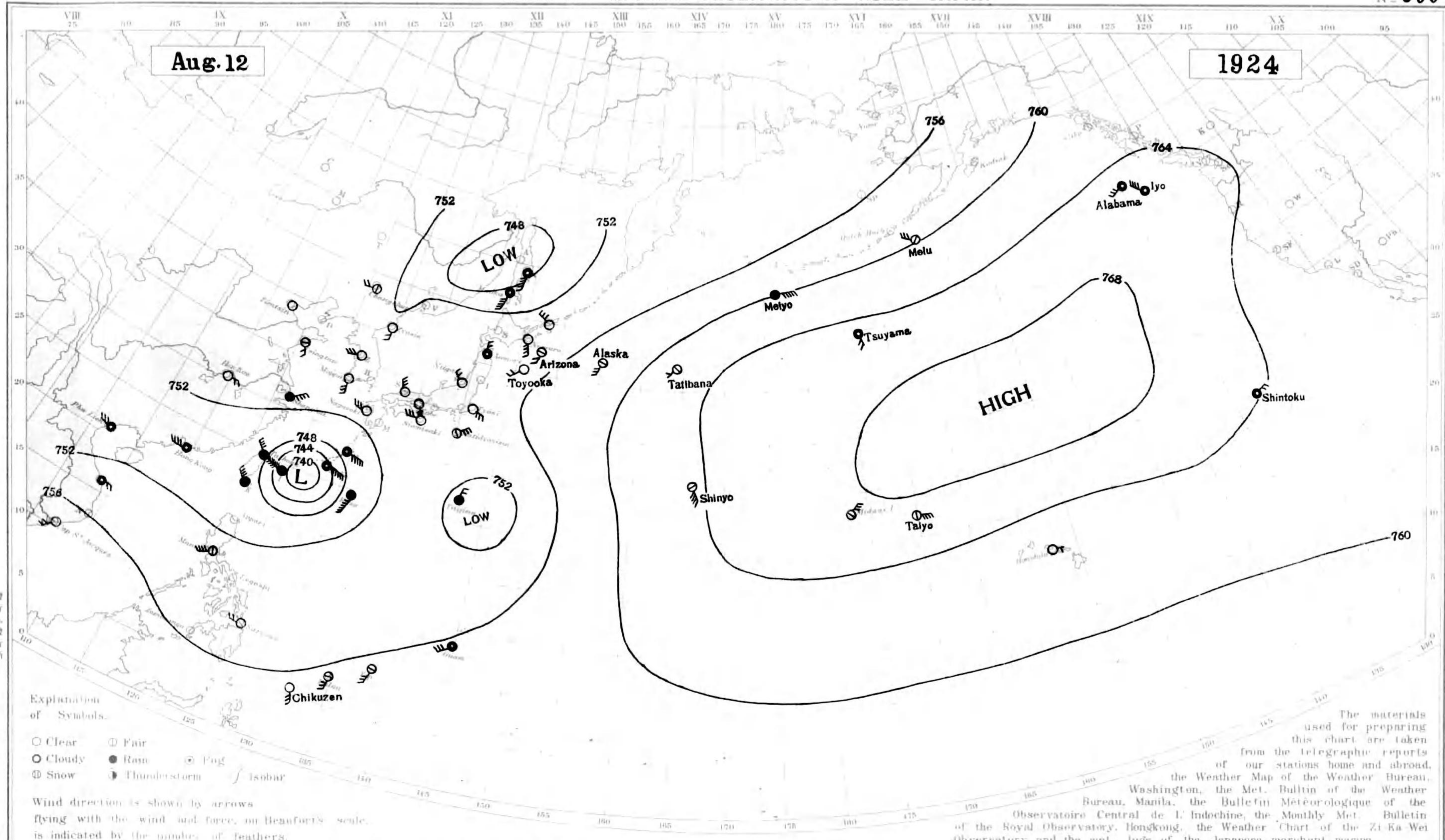
Station	Shanghai	Hankow	Rosa	Pulau	Hongkong	Manila	Sourabaya	Guam	Yap	Phu Lien	Cap S Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	10 <sup>h</sup>	20 <sup>h</sup>	20 <sup>h</sup>	30 <sup>h</sup>	20 <sup>h</sup> , 135 W	20 <sup>h</sup> , 135 W	20 <sup>h</sup> , 135 W	20 <sup>h</sup> , 135 W
Atm. Pressure	752.9	754.4	750.8	756.6	752.0	756.0	756.1	757.6	758.1	754.4	759.0	763.0	766.1	-	-	-	-
Air Temperature	31.6	32.7	30.1	30.5	28.	30.	32.	-	-	26.	30.	24.	27.	-	-	-	-
Direction and Force of Winds	NE 5	ENE 2	SW 5	S 3	S 2	WSW 4	WSW 2	SW 3	SSW 2	W 4	SW 2	E 2	NE 3	-	-	-	-
Weather	clear	clear	clear	cloudy	cloudy	clear	fair	cloudy	clear	cloudy	cloudy	rain	fair	-	-	-	-

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 590



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.

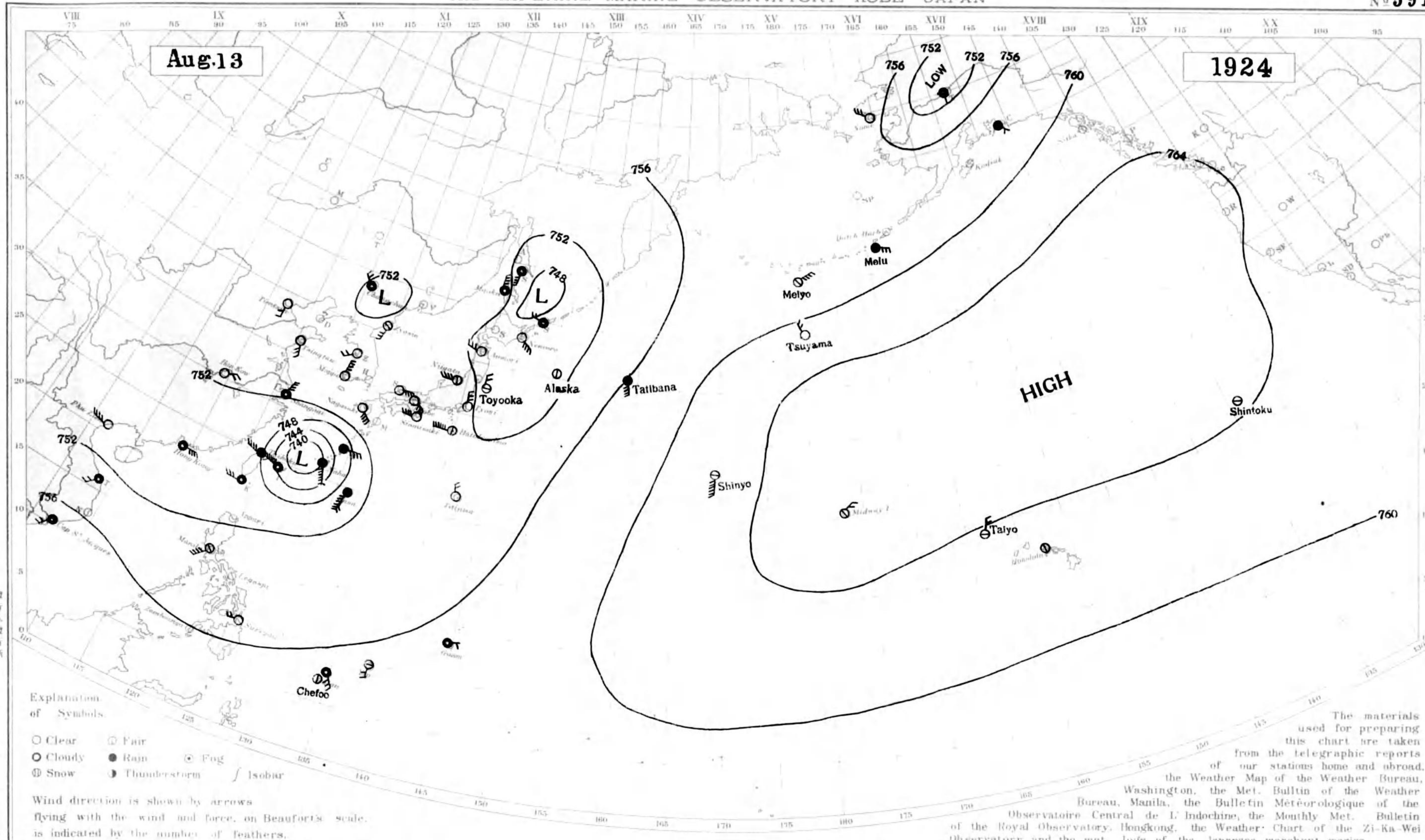
Station	Taihoku	Naha	Nagasaki	Siomaki	Kobe	Tyosi	Hatidyosima	Tsuzima	Nigata	Aomori	Nemuro	Maoka	Moppo	Zyosm	Changchun	Tientsin	Tsingtai
Hour of Observation	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E
Atm. Pressure	748.4	742.8	753.7	754.5	754.3	753.6	754.5	751.5	754.6	753.3	753.4	749.9	754.2	753.9	752.5	755.5	755.1
Air Temperature	28.1	17.8	30.9	28.4	31.2	29.4	28.4	27.9	31.4	32.1	25.4	21.2	30.8	28.1	28.9	30.4	29.4
Direction and Force of Winds	NW 4	ESE 6	WSW 3	W 3	SSE 3	ESE 3	NE 3	NNE 2	NW 2	N 2	SSE 4	SSW 5	S 3	S 2	W 2	calm	SSE 2
Weather	rain	cloudy	clear	clear	clear	clear	fair	rain	clear	cloudy	clear	cloudy	clear	clear	fair	clear	fair
Station	Shanghai	Hankow	Rusa	Palau	Hongkong	Manila	Singapore	Guam	Yap	Phi Lien	Cap S. Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12h, 135E	12h, 135E	12h, 135E	12h, 135E	14h	14h	14h	14h	14h	10h	10h	20h	14:30h	20h, 135W	20h, 135W	20h, 135W	20h, 135W
Atm. Pressure	752.8	753.9	750.2	756.5	749.9	755.5	756.3	757.9	758.1	753.1	759.4	763.5	767.1	-	-	-	-
Air Temperature	29.2	32.6	27.2	30.3	30.	30.	32.	-	-	30.	28.	24.	27.	-	-	-	-
Direction and Force of Winds	NE 4	E 2	SSW 6	S 3	W 4	WSW 4	W 2	SW 3	SSW 3	WNW 3	SW 2	E 1	NE 3	-	-	-	-
Weather	rain	clear	rain	fair	cloudy	fair	clear	cloudy	fair	cloudy	clear	clear	fair	-	-	-	-

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 591



Explanation of Symbols

○ Clear    ☉ Fair  
 ○ Cloudy    ● Rain    ☁ Fog  
 ⊕ Snow    ⚡ Thunderstorm

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	Simsaki	Kobe	Tyosi	Hatidyosma	Tiuzima	Nagata	Aomori	Nemuro	Muoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E
Atm. Pressure (Red in sea and black on land)	748.7	739.5	751.6	752.9	753.1	752.2	752.8	753.5	753.2	751.6	750.7	752.4	752.5	752.6	751.7	752.7	753.8
Air Temperature (in °C)	26.7	26.3	29.3	28.7	30.0	27.8	30.0	28.6	31.8	20.9	20.0	20.0	32.7	28.3	27.0	32.5	28.9
Direction and Force of Winds (0-12)	WNW 4	SSE 7	SE 4	W 4	SE 3	N 3	W 6	NNW 2	W 4	WNW 3	SE 4	N 4	N 4	SSW 3	NW 2	S 2	SSE 3
Weather	rain	rain	clear	clear	clear	clear	fair	clear	fair	clear	clear	cloudy	clear	fair	cloudy	clear	clear

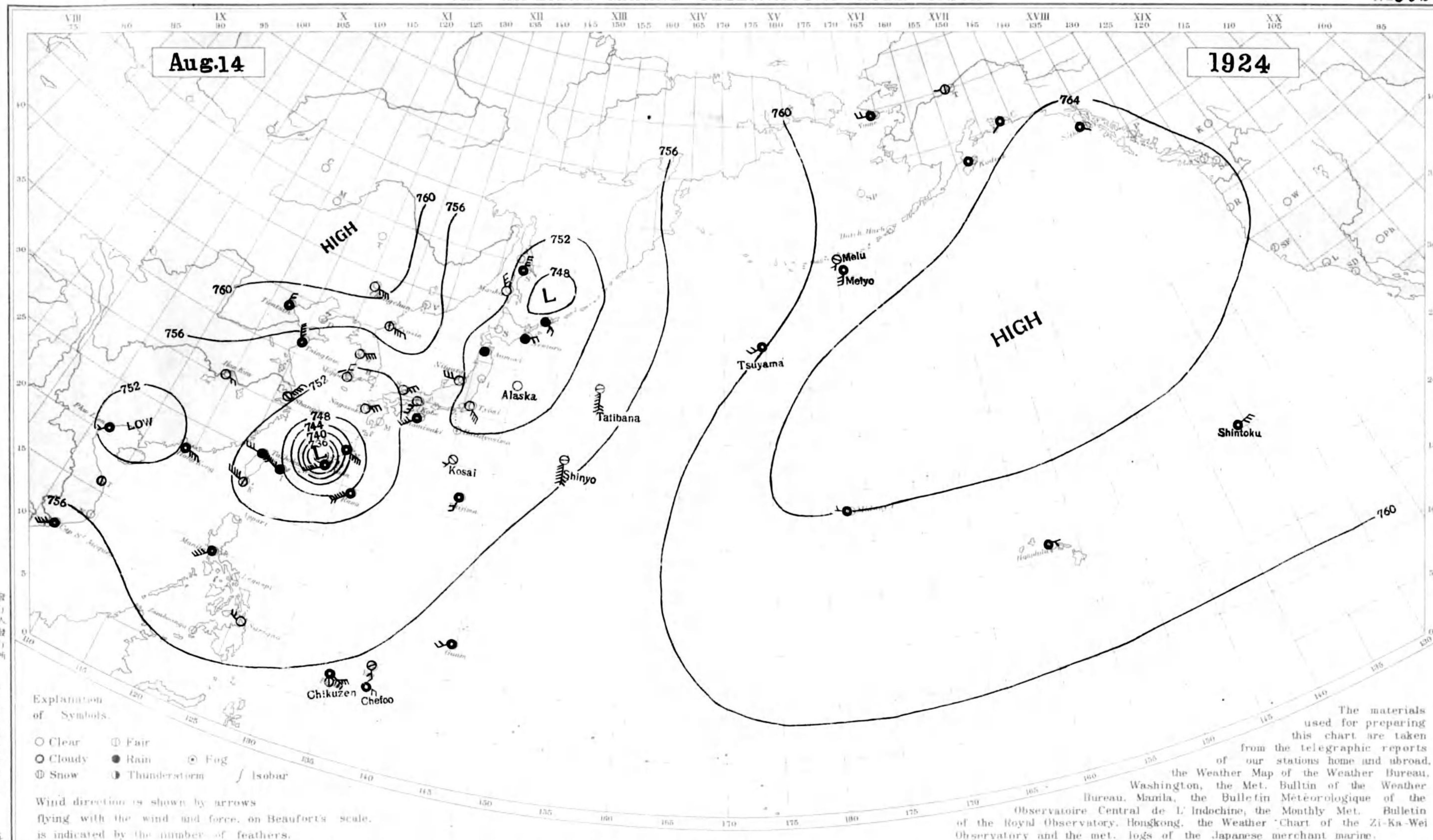
Station	Shanghai	Hankow	Rosa	Pelau	Hongkong	Manila	Surigao	Goum	Yap	Phu Lien	Cap S-Jacques	Honolulu	Midway I.	Nome	Sika	Dutch Harbor	Kodiak
Hour of Observation	12h, 135E	12h, 135E	12h, 135E	12h, 135E	14h	14h	14h	14h	14h	10h	10h	20h	18-30h	20h, 135W	20h, 135W	20h, 135W	
Atm. Pressure (Red in sea and black on land)	752.1	752.9	749.1	757.3	750.5	756.0	756.5	758.6	758.7	752.9	759.4	762.5	766.1	757.9	-	-	-
Air Temperature (in °C)	30.4	32.7	29.1	30.9	30.	31.	33.	-	-	30.	27.	24.	26.	8.	-	-	-
Direction and Force of Winds (0-12)	NNE 4	ENE 2	SSW 8	SE 5	E 4	SW 4	W 2	E 1	S 2	WNW 4	SW 2	E 1	NE 2	NW 3	-	-	-
Weather	cloudy	clear	rain	cloudy	cloudy	fair	clear	cloudy	fair	clear	cloudy	fair	fair	clear	-	-	-

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 592



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	Siomtsaki	Kobe	Tyosi	Hatidyosma	Titi zima	Niigata	Aomori	Nemuro	Muoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E
Atm. Pressure (Red to m.s.l. and Std. Gr.)	751.0	730.1	750.6	752.9	752.4	751.6	-	754.0	752.6	749.6	750.7	752.4	751.5	757.7	760.4	759.3	755.0
Air Temperature (in C)	19.0	26.4	30.8	28.0	32.4	29.2	-	29.5	30.2	26.7	18.2	17.8	33.7	25.0	23.7	27.8	30.0
Direction and Force of Winds (0-12)	W 3	SW 8	NE 3	SW 4	SSW 3	SE 4	-	SSW 2	W 3	calm	ENE 2	NNW 3	N 2	E 5	E 4	N 2	NNW 5
Weather	rain	cloudy	clear	cloudy	clear	clear	-	cloudy	clear	rain	rain	clear	clear	fair	clear	cloudy	cloudy

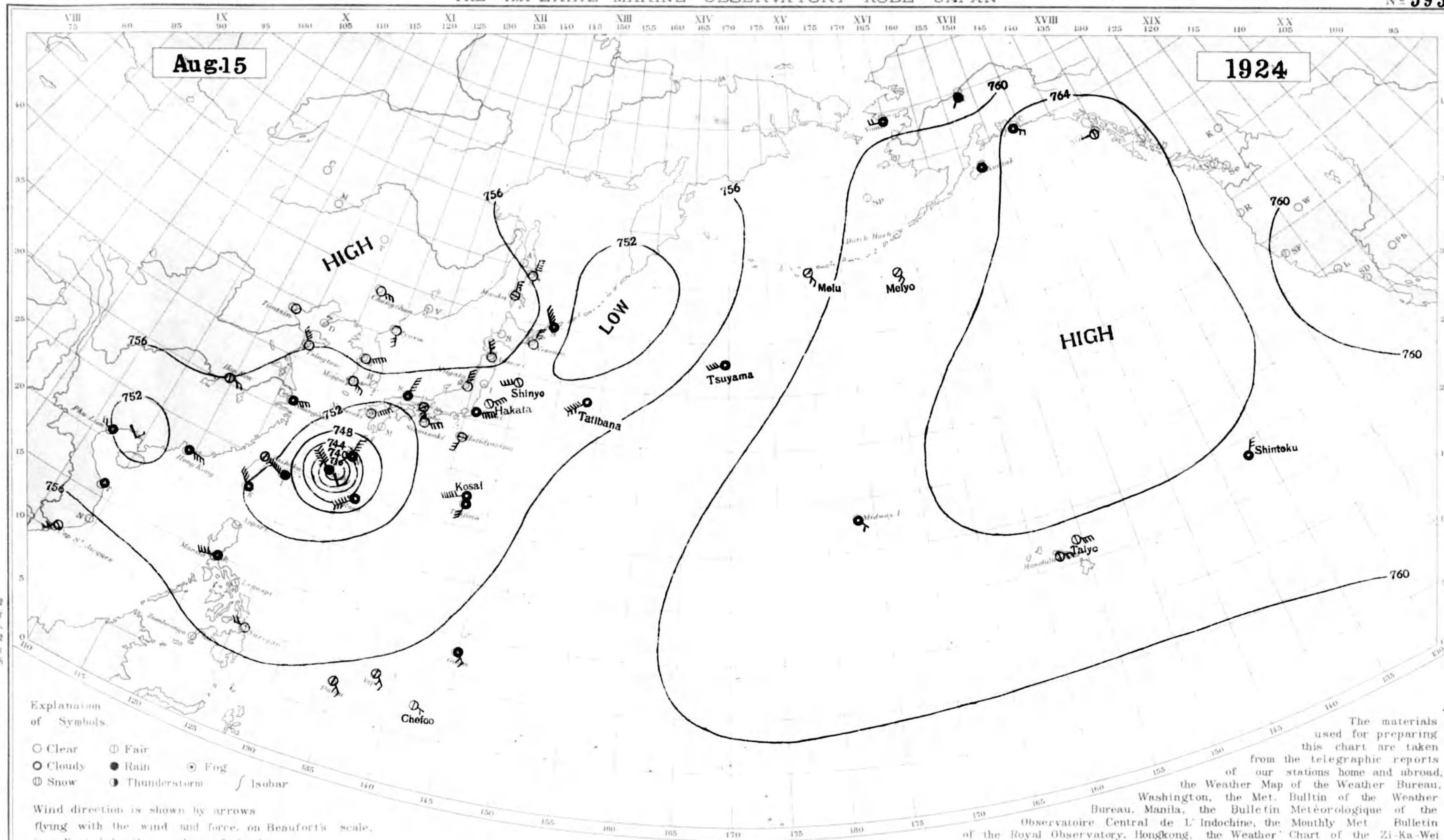
Station	Shanghai	Hankow	Rosa	Pelau	Hongkong	Mainia	Sourabaya	Giam	Yap	Phu-Lien	Cap-S-Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12h, 135E	12h, 135E	12h, 135E	12h, 135E	14h	14h	14h	14h	14h	10h	10h	20h	18:30h	20h, 135W	20h, 135W	20h, 135W	20h, 135W
Atm. Pressure (Red to m.s.l. and Std. Gr.)	752.6	754.1	747.5	757.0	752.0	755.9	755.8	758.2	758.7	753.6	758.9	762.0	764.0	761.5	764.5	-	763.0
Air Temperature (in C)	31.0	32.3	29.3	31.0	-	30.	32.	-	-	31.	27.	24.	24.	7.	12.	-	12.
Direction and Force of Winds (0-12)	NNE 5	E 2	SW 8	ESE 4	E 4	SW 4	WNW 2	SW 2	SSE 2	SW 1	WSW 4	E 1	W 1	W 2	SE -	-	calm
Weather	fair	clear	cloudy	cloudy	cloudy	cloudy	clear	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	-	cloudy

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 593



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, as 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	Kobe	Tyosi	Hatidyosuna	Titiyama	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E
Atm. Pressure (Red to m.s.l. and Std. Gr.)	752.8	731.0	750.2	752.6	752.5	754.5	753.4	7534.	755.6	756.7	755.3	757.7	754.0	759.3	757.2	758.0	756.0
Air Temperature (in C)	27.4	25.0	30.9	28.0	28.2	26.8	28.8	26.9	28.8	25.3	19.9	15.4	31.0	25.5	25.4	28.3	27.1
Direction and Force of Winds (0-12)	calm	NW 11	NE 7	ENE 4	SSE 3	ENE 5	SSW 3	SSW 3	N 4	NNW 3	NNE 4	N 4	ESE 3	SSE 3	E 3	calm	NW 5
Weather	fair	rain	clear	clear	fair	cloudy	fair	cloudy	clear	clear	clear	fair	clear	clear	clear	clear	clear
Station	Shanghai	Hankow	Rassa	Palau	Hongkong	Manila	SURIGAO	GUAM	Yap	Phu Lien	Cap S Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12h, 135E	12h, 135E	12h, 135E	12h, 135E	14h	14h	14h	14h	14h	10h	10h	20h	16:30h	20h, 135W	20h, 135W	20h, 135W	20h, 135W
Atm. Pressure (Red to m.s.l. and Std. Gr.)	754.2	756.0	745.2	756.8	752.3	756.9	756.1	758.5	758.6	753.9	758.9	763.5	761.0	759.5	766.6	-	762.0
Air Temperature (in C)	29.6	32.4	28.1	29.1	30.	29.	31.	-	-	31.	29.	26.	26.	8.	13.	-	12.
Direction and Force of Winds (0-12)	ENE 4	E 2	SW 9	SE 2	E 4	WSW 4	W 2	SE 2	SE 2	WNW 2	SW 2	E 2	SE 1	W 2	W -	-	calm
Weather	cloudy	fair	cloudy	fair	cloudy	cloudy	clear	cloudy	fair	cloudy	fair	fair	cloudy	cloudy	fair	-	cloudy

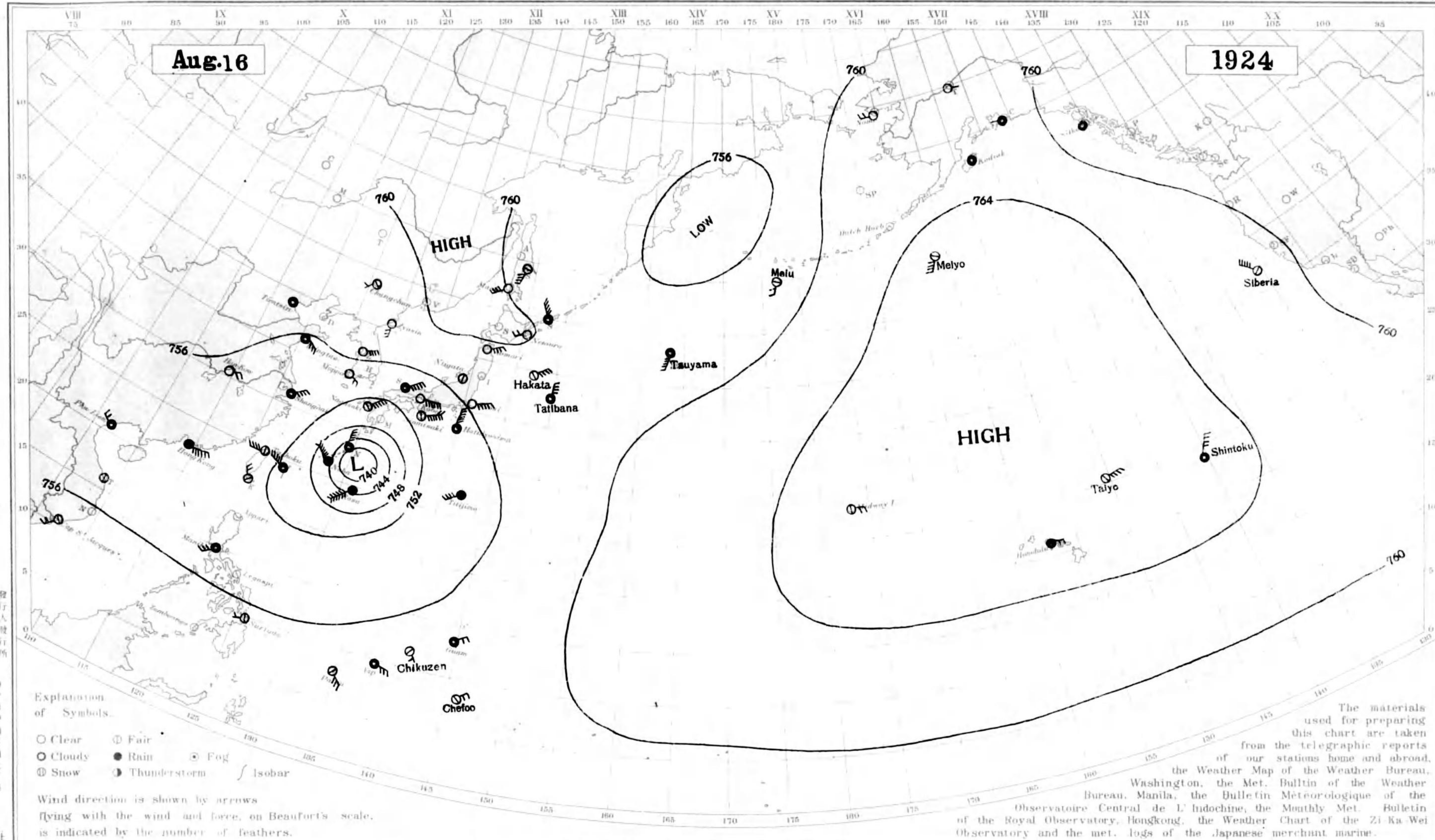


# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 594



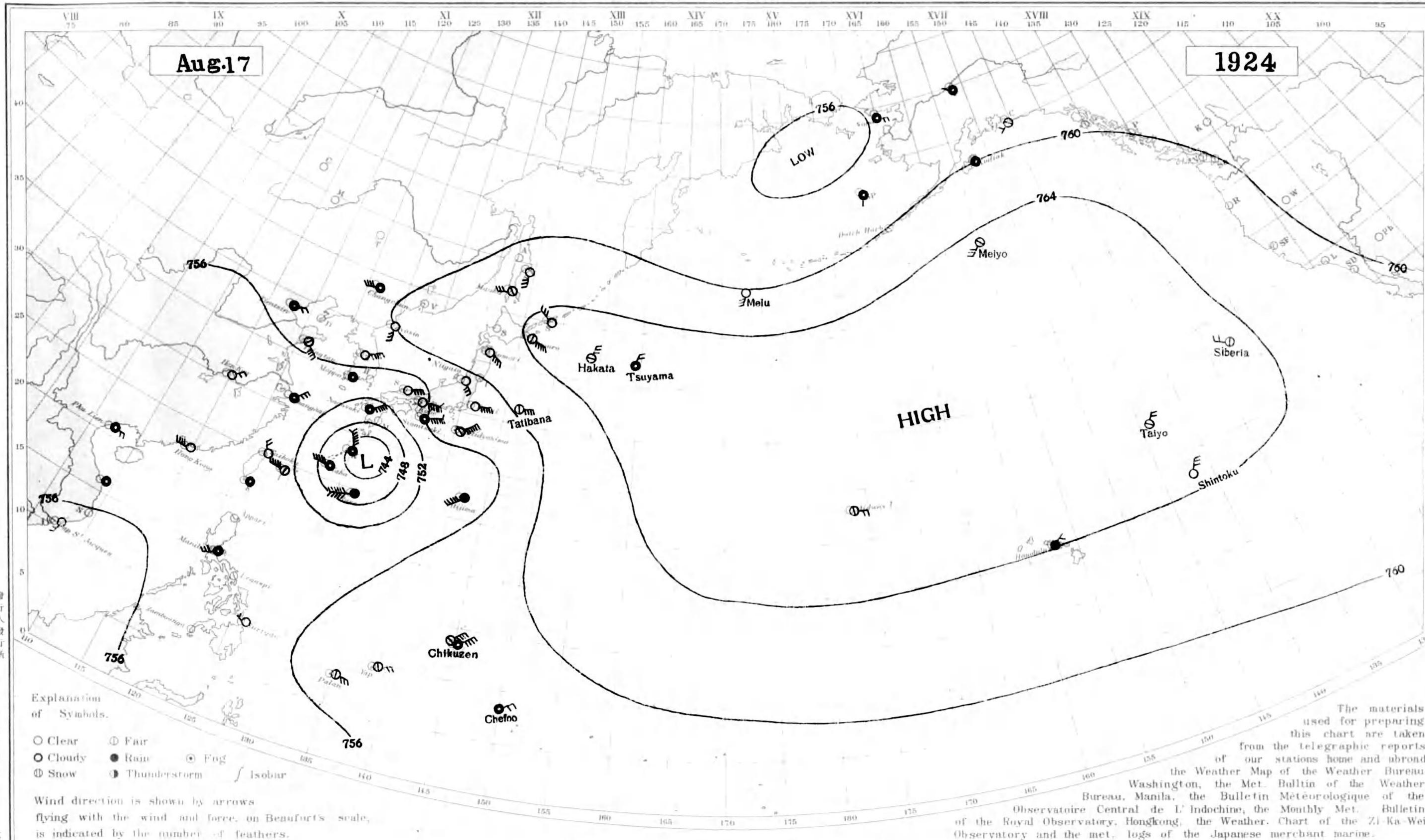
Station	Taihoku	Naha	Nagasaki	Siomi saki	Kobe	Tyosi	Hatidyosima	Tiizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E
Atm. Pressure (Red. to m.s.l. and Std. Pr.)	753.5	744.4	751.4	753.9	754.1	757.4	754.8	754.0	756.6	759.7	760.2	760.0	754.7	759.4	756.4	756.8	755.8
Air Temperature (in C°)	30.2	25.9	30.8	26.3	32.4	27.0	27.9	27.1	31.3	32.4	21.3	19.4	29.3	27.4	26.6	28.8	27.4
Direction and Force of Winds (1-12)	W 4	NW 7	NE 5	ENE 8	E 6	ENE 5	NNE 6	SW 4	calm	ENE 4	WSW 2	SW 4	ESE 2	S 3	SW 1	calm	ESE 3
Weather	fair	rain	fair	fair	clear	clear	cloudy	rain	fair	clear	clear	clear	clear	clear	fair	cloudy	cloudy
Station	Shanghai	Hankow	Rusa	Palau	Hongkong	Manila	Surigao	Guam	Yap	Phi-Lien	Cap-S-Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	10 <sup>h</sup>	10 <sup>h</sup>	20 <sup>h</sup>	10 : 30 <sup>h</sup>	20 <sup>h</sup> , 135 W	20 <sup>h</sup> , 135 W	20 <sup>h</sup> , 135 W	20 <sup>h</sup> , 135 W
Atm. Pressure (Red. to m.s.l. and Std. Pr.)	754.8	755.7	742.9	757.2	753.5	757.4	757.8	759.1	759.3	754.8	759.2	764.5	764.5	762.5	759.9	-	761.5
Air Temperature (in C°)	29.1	32.4	27.0	30.7	28.	30.	28.	-	-	29.	30.	24.	27.	9.	12.	-	12.
Direction and Force of Winds (1-12)	NE 4	ENE 2	SW 12	SE 3	E 6	SW 3	WSW 1	NE 2	ESE 3	NW 2	SW 2	E 2	E 2	W 2	calm	-	calm
Weather	cloudy	clear	rain	fair	rain	cloudy	fair	cloudy	cloudy	cloudy	fair	rain	fair	clear	cloudy	-	cloudy

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 595



甲 發行 人 發 行 所  
神 戶 市 中 山 手 通 七 丁 目  
海 軍 省 觀 望 所

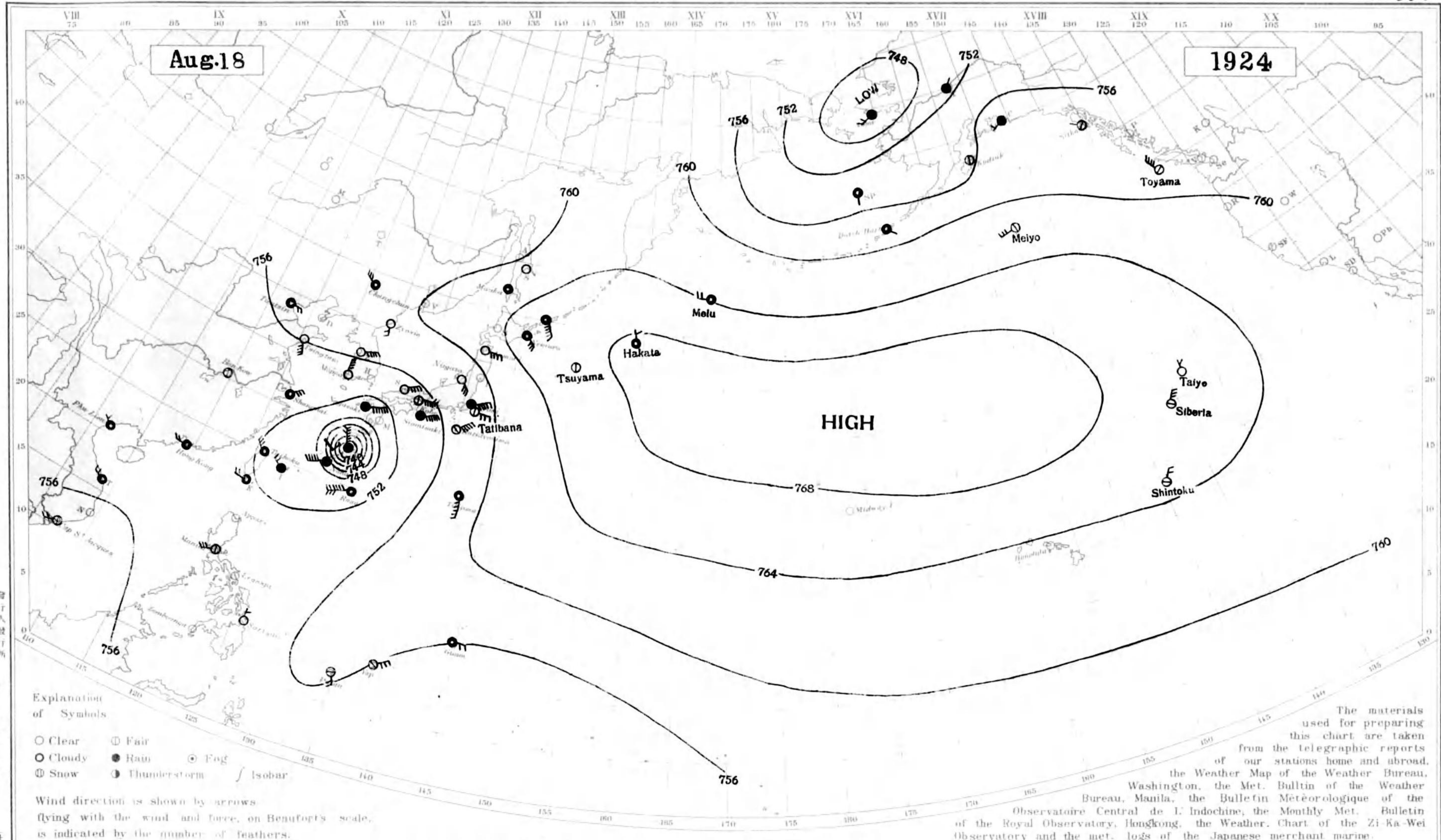
Station	Tsuhoku	Naha	Nagasaki	Siomisaki	Kobe	Tyosai	Hatidyosima	Titizima	Niigata	Aomori	Nemuro	Maeka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau	
Hour of Observation	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	
Atm. Pressure (Red to m.s.l. and Strain)	753.4	747.4	750.9	756.0	755.6	759.7	756.2	755.8	757.9	761.0	764.7	763.2	754.7	760.0	755.6	756.5	756.2	
Air Temperature (in C)	29.9	27.4	30.0	24.4	32.6	27.0	28.0	26.4	32.7	27.0	18.9	30.3	26.4	31.2	29.0	26.9		
Direction and Force of Winds (0-12)	NNW 2	W 5	NE 5	ENE 7	E 7	ENE 5	NE 6	SW 5	SE 3	ESE 4	ESE 5	WSW 3	ESE 3	S 3	WSW 4	ENE 2	SE 4	
Weather	clear	cloudy	cloudy	cloudy	clear	clear	fair	rain	clear	clear	fair	fair	cloudy	clear	cloudy	cloudy	fair	
Station	Shanghai	Hankow	Rusa	Palau	Hongkong	Manila	Surigo	Guam	Yap	Phi-Lien	Cap S Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak	
Hour of Observation	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	10 <sup>h</sup>	10 <sup>h</sup>	20 <sup>h</sup>	18-30 <sup>h</sup>	20 <sup>h</sup> , 135 W	20 <sup>h</sup> , 135 W	20 <sup>h</sup> , 135 W	20 <sup>h</sup> , 135 W	
Atm. Pressure (Red to m.s.l. and Strain)	754.9	755.1	746.3	757.1	754.1	756.9	757.3	757.7	758.2	755.1	759.3	764.0	766.1	756.9	-	-	760.0	
Air Temperature (in C)	29.3	33.0	26.3	30.3	30.	30.	30.	-	-	29.	29.	22.	26.	10.	-	-	13.	
Direction and Force of Winds (0-12)	NE 3	NE 2	WSW 10	ESE 3	W 4	WSW 3	WNW 1	NE 4	ENE 3	E 2	SSW 2	NE 1	E 2	E 2	W -	-	calm	
Weather	cloudy	clear	rain	fair	clear	cloudy	cloudy	cloudy	fair	cloudy	clear	rain	fair	cloudy	clear	-	cloudy	

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 596



印行人發行所  
神戸市中山手通七丁目

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.

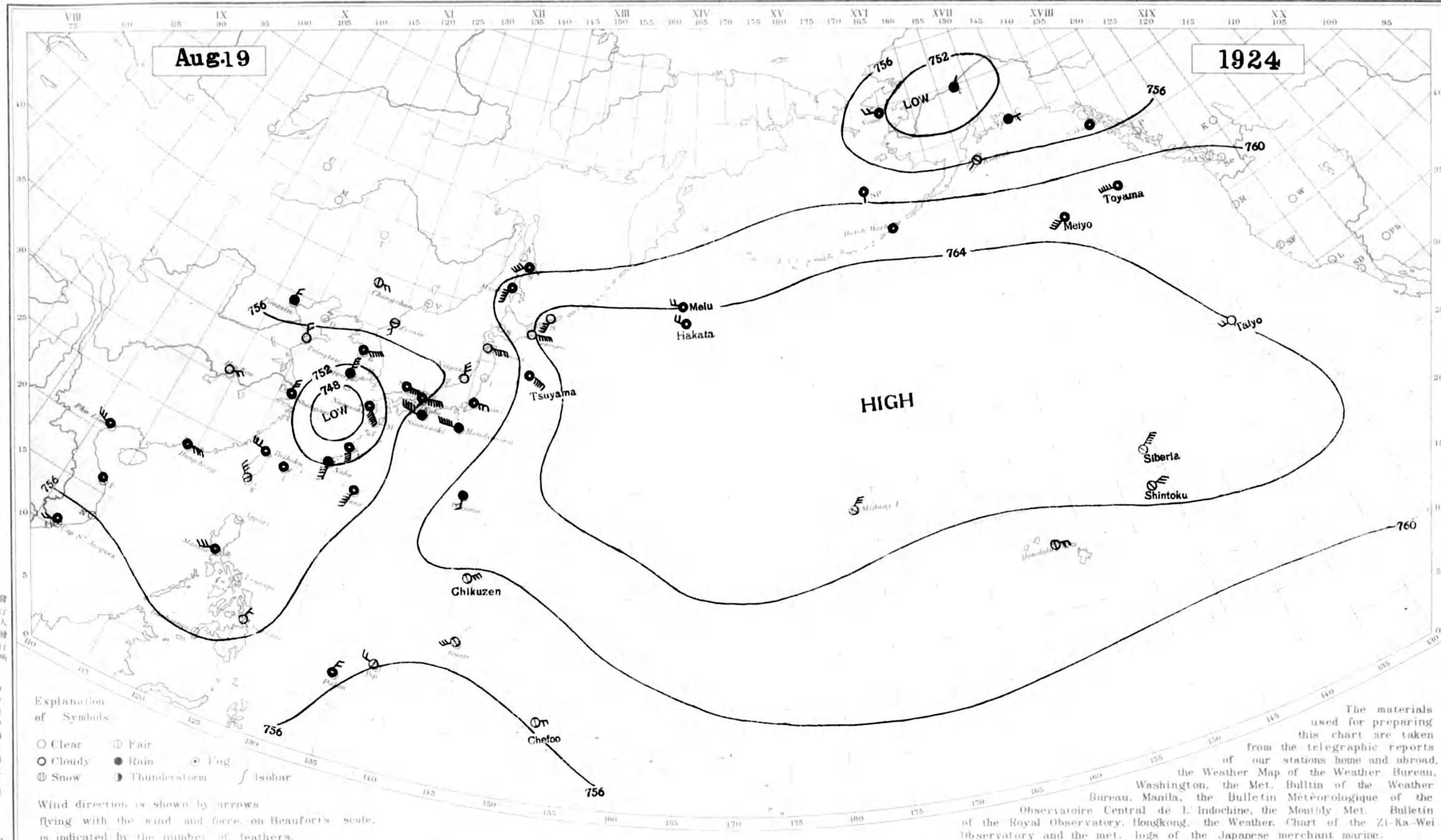
Station	Taihoku	Naha	Nagasaki	Simisaki	Kobe	Tyosi	Hatidyosima	Tilizima	Niigata	Aomori	Nemuro	Maoka	Moppe	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E
Atm. Pressure (Red on 0.1 and 0.2)	751.5	747.3	749.9	755.7	755.6	758.9	756.4	759.1	758.0	760.8	766.1	763.5	753.3	760.0	756.7	756.3	756.0
Air Temperature (in °C)	29.4	25.8	27.3	23.2	25.9	28.1	27.5	34.2	29.6	19.5	23.2	34.6	27.0	28.7	28.2	26.8	26.8
Direction and Force of Winds (0-12)	NW 3	WSW 5	ENE 7	ENE 6	E 8	ENE 5	NE 5	S 5	SE 3	E 4	SE 3	SW 4	N 5	S 2	NW 3	E 2	SSE 4
Weather	cloudy	rain	rain	rain	fair	rain	fair	cloudy	clear	clear	cloudy	cloudy	clear	clear	cloudy	cloudy	clear
Station	Shanghai	Hankow	Rosa	Peking	Hongkong	Manila	Sourabaya	Cebu	Yap	Phi Lien	Cap S Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	10 <sup>h</sup>	10 <sup>h</sup>	20 <sup>h</sup>	11:30 <sup>h</sup>	20 <sup>h</sup> , 135 W	20 <sup>h</sup> , 135 W	20 <sup>h</sup> , 135 W	20 <sup>h</sup> , 135 W
Atm. Pressure (Red on 0.1 and 0.2)	754.1	754.3	750.1	756.7	753.2	756.5	756.1	757.5	757.5	754.1	759.5	-	-	745.2	756.4	759.5	754.4
Air Temperature (in °C)	27.5	34.2	28.7	30.5	30.	31.	31.	-	-	30.	27.	-	-	9.	13.	17.	14.
Direction and Force of Winds (0-12)	NE 3	calm	WSW 9	SSE 2	W 2	WSW 3	N 1	E 2	NE 3	NW 1	WSW 2	-	-	SW 2	NW -	SE -	calm
Weather	cloudy	fair	cloudy	fair	cloudy	fair	clear	cloudy	fair	cloudy	fair	-	-	rain	fair	cloudy	fair

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 597



印 明 人 取 會 所  
神 戶 市 山 手 通 七 丁 目  
海 軍 省

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.

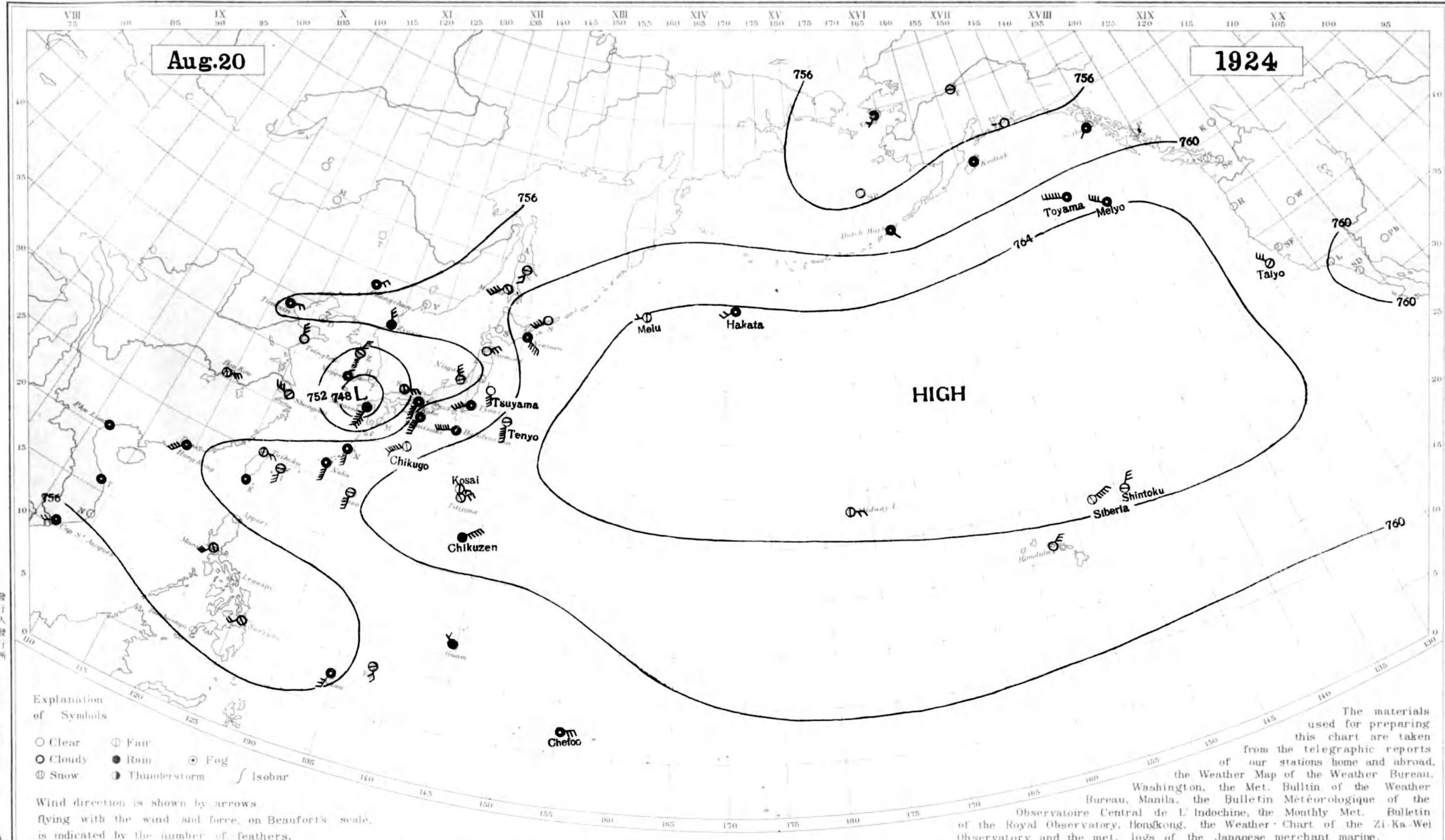
Station	Taihoku 12° 135° E	Saha 12° 135° E	Nagasaki 12° 135° E	Siomi saki 12° 135° E	Kobe 12° 135° E	Tyosu 12° 135° E	Hatoyosuna 12° 135° E	Titi zima 12° 135° E	Niigata 12° 135° E	Aomori 12° 135° E	Nemuro 12° 105° E	Maoka 12° 105° E	Mippu 12° 135° E	Zyosin 12° 135° E	Changchun 12° 135° E	Tientsin 12° 135° E	Tsingtau 12° 135° E
Hour of Observation																	
Atm. Pressure (Red to 0.3 and 0.4)	753.4	751.7	748.7	756.8	755.9	756.7	758.0	762.1	756.2	759.3	764.0	761.4	751.3	758.4	756.0	756.6	754.5
Air Temperature (in °C)	31.4	27.6	29.1	23.3	30.6	28.3	23.6	26.5	33.6	30.2	21.6	22.7	29.8	28.5	29.6	24.7	28.3
Direction and Force of Winds (12)	N 3	S 5	SE 7	WNW 5	E 6	E 3	W 6	S 2	N 3	E 5	E 5	SSW 5	N 4	S 2	E 2	N 2	NNW 2
Weather	cloudy	rain	cloudy	rain	cloudy	cloudy	rain	rain	clear	clear	clear	cloudy	rain	fair	fair	rain	clear
Station	Shanghai 12° 135° E	Hankow 12° 135° E	Rasa 12° 135° E	Palau 12° 135° E	Hongkong 14°	Manila 14°	SOFIAD 14°	Grom 14°	Yap 14°	Phi-Lien 10°	Cap S-Jacques 10°	Honolulu 20°	Midway I. 10 : 30°	Nome 20° 135° W	Sitka 20° 135° W	Dutch Harbor 20° 135° W	Kodiak 20° 135° W
Hour of Observation																	
Atm. Pressure (Red to 0.3 and 0.4)	752.4	753.9	755.6	756.3	753.8	757.0	756.8	758.2	757.5	754.4	758.7	762.5	764.5	752.3	755.4	762.0	754.4
Air Temperature (in °C)	30.8	33.2	28.0	28.3	30.	29.	32.	-	-	30.	27.	24.	26.	10.	12.	10.	17.
Direction and Force of Winds (12)	N 3	ENE 2	SSW 5	NNE 2	E 4	WSW 3	NNE 1	SW 3	WNW 2	WNW 3	WSW 2	E 2	NE 3	W 2	calm	calm	SW -
Weather	cloudy	clear	cloudy	cloudy	cloudy	cloudy	clear	fair	fair	cloudy	cloudy	fair	fair	cloudy	cloudy	cloudy	fair

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 598



印 刷 人 廣 告 所  
神 戶 市 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	Titizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>
Atm. Pressure (Red. to m.s.l. and Stral. 0 <sup>h</sup> )	756.1	757.3	746.9	757.1	755.8	756.9	759.9	761.4	755.5	756.5	761.9	759.8	748.7	756.2	754.7	756.5	754.4
Air Temperature (in C°)	32.0	37.2	25.0	27.1	27.7	29.6	27.9	28.6	34.4	30.8	20.9	25.4	27.6	22.2	22.9	24.0	29.2
Direction and Force of Winds (0-12)	E 2	S 5	SSW 10	SSW 6	S 5	SW 4	WSW 6	NE 2	NNW 2	NE 3	SE 5	SW 4	N 6	NNW 3	NE 2	ENE 2	NNW 3
Weather	fair	cloudy	rain	cloudy	cloudy	cloudy	cloudy	fair	fair	clear	cloudy	fair	cloudy	rain	cloudy	cloudy	clear

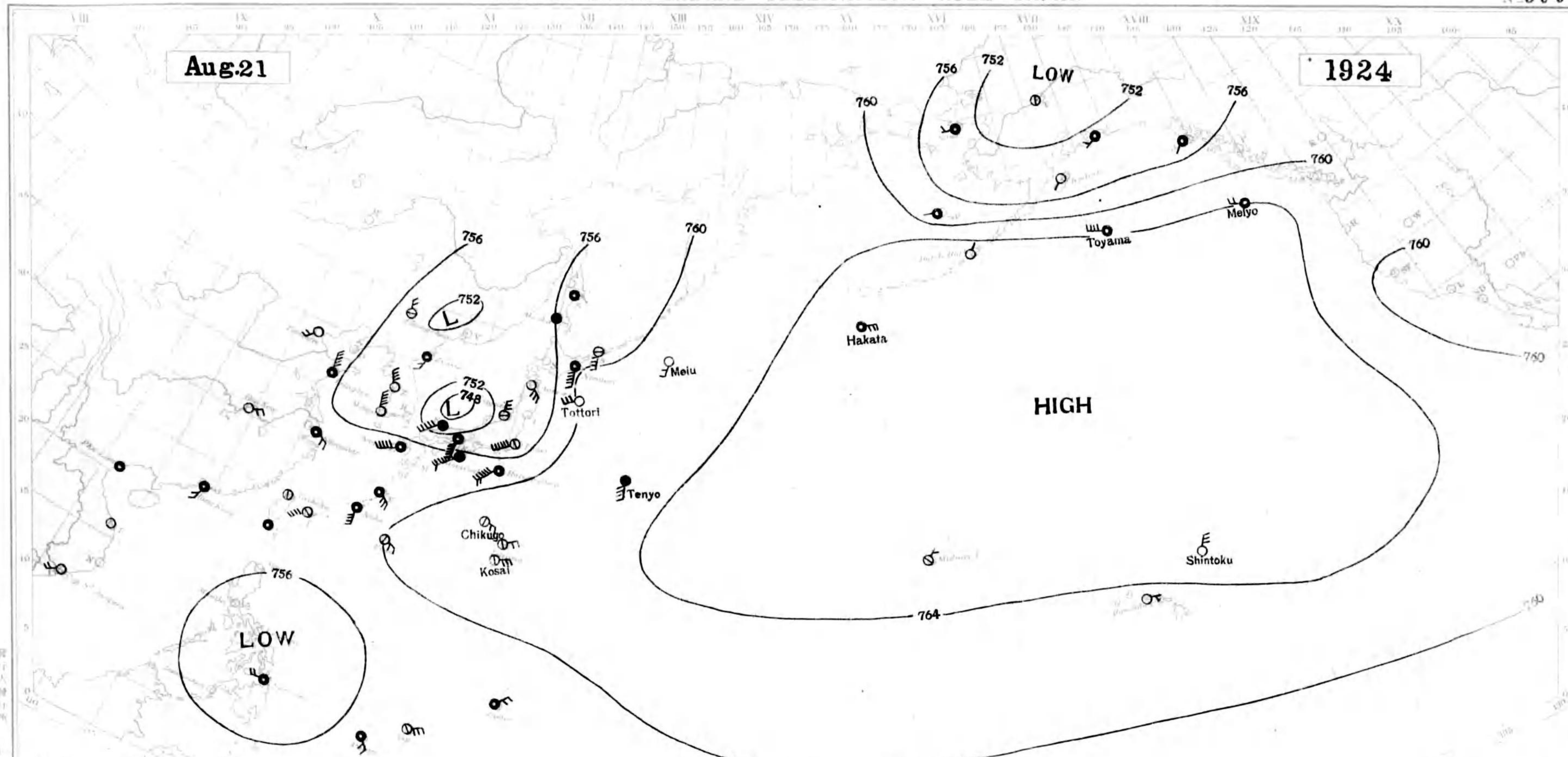
Station	Shanghai	Hankow	Riase	Palau	Hongkong	Manila	SUPISO	Guam	Yap	Phi Lien	Cap S Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	10 <sup>h</sup>	20 <sup>h</sup>	20 <sup>h</sup>	10 : 30 <sup>h</sup>	20 <sup>h</sup> , 135 <sup>W</sup>	20 <sup>h</sup> , 135 <sup>W</sup>	20 <sup>h</sup> , 135 <sup>W</sup>	20 <sup>h</sup> , 135 <sup>W</sup>
Atm. Pressure (Red. to m.s.l. and Stral. 0 <sup>h</sup> )	754.4	755.3	759.5	755.8	755.6	757.0	757.0	758.1	758.2	755.7	760.0	763.5	764.5	755.9	757.9	763.0	756.4
Air Temperature (in C°)	32.0	32.2	27.8	29.3	29.	32.	29.	-	-	30.	26.	26.	27.	9.	13.	11.	12.
Direction and Force of Winds (0-12)	WNW 3	ENE 2	S 4	SSW 3	SW 4	SW 3	SW 2	NW 1	SSE 2	calm	WSW 2	NE 3	E 2	SW 1	SW -	SE -	calm
Weather	fair	fair	fair	cloudy	cloudy	fair	fair	rain	fair	cloudy	cloudy	clear	fair	cloudy	cloudy	cloudy	cloudy

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Norm of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 599



Aug. 21

1924

Explanation of Symbols  
 ○ Clear    ☁ Partly cloudy  
 ☁ 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 & 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-Ku-Wei Observatory and the met. logs of the Japanese merchant marine.

Station	Taiyoku (125° 135E)	Naha (125° 135E)	Nagasaki (125° 135E)	Somazaki (125° 135E)	Kobe (125° 135E)	Tyosai (125° 135E)	Hattayama (125° 135E)	Fuzuno (125° 135E)	Niigata (125° 135E)	Aomori (125° 135E)	Nomura (125° 135E)	Maoka (125° 135E)	Mopu (125° 135E)	Zyosun (125° 135E)	Changlem (125° 135E)	Tientsin (125° 135E)	Tsingtau (125° 135E)
Hour of Observation																	
Atm. Pressure	757.9	759.1	756.1	756.5	754.7	755.0	759.1	761.1	752.6	754.0	759.9	756.0	755.2	752.9	755.1	757.9	756.7
Air Temperature	32.2	28.8	26.2	26.6	26.0	29.4	27.4	28.8	34.6	30.8	21.9	25.0	28.8	28.0	25.5	28.0	27.2
Direction and Force of Wind	calm	S 4	WSW 5	SW 7	S 7	SW 6	SW 8	ENE 2	N 3	SE 3	S 5	calm	NNW 5	SSW 2	N 2	SW 2	N 5
Weather	fair	cloudy	cloudy	rain	cloudy	fair	cloudy	fair	fair	clear	cloudy	rain	clear	cloudy	fair	clear	cloudy

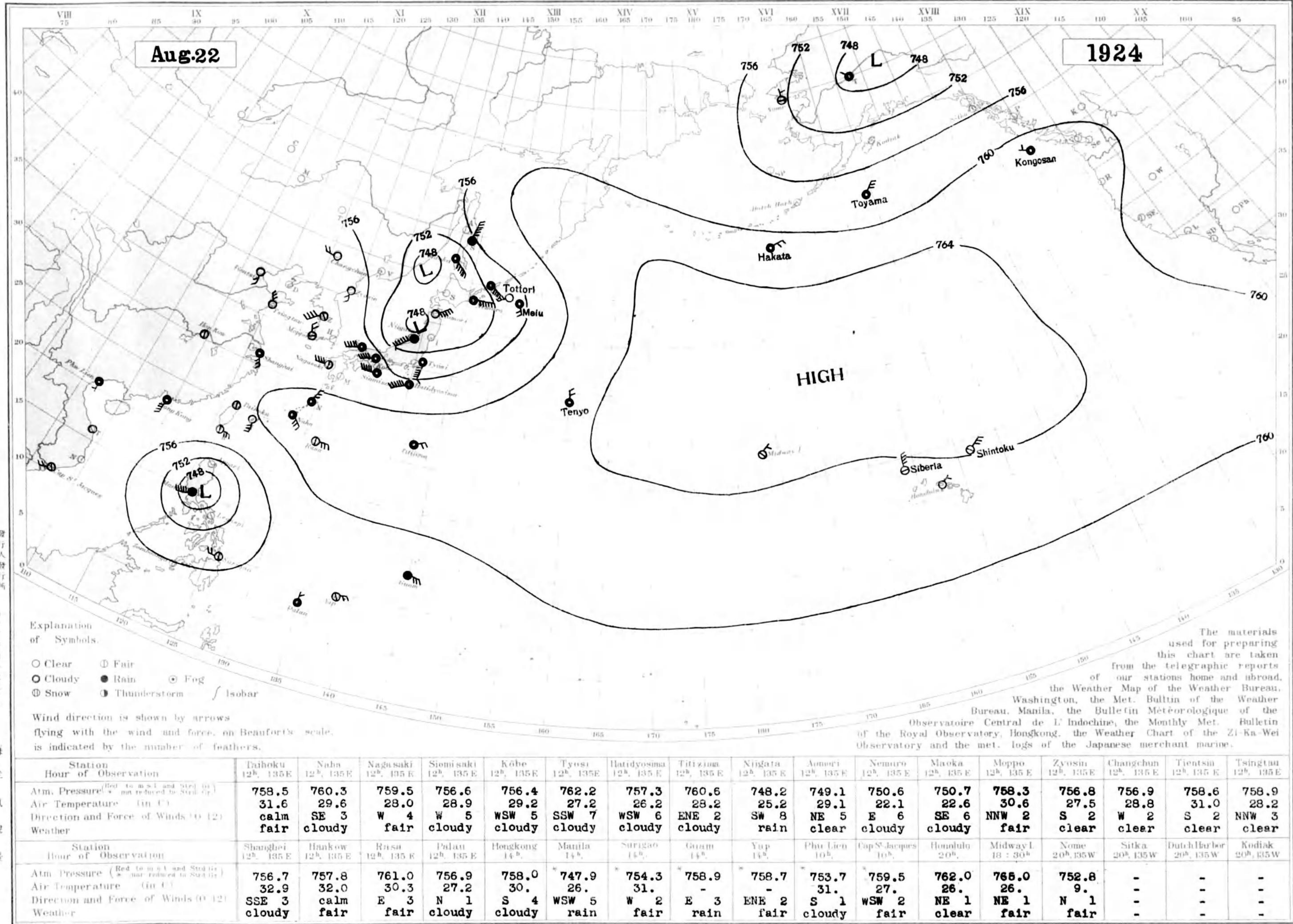
Station	Shanghai (125° 135E)	Hankow (125° 135E)	Peking (125° 135E)	Tientsin (125° 135E)	Hankow (125° 135E)	Manila (125° 135E)	Sourabaya (125° 135E)	Groen (125° 135E)	Yap (125° 135E)	Phil. Is. (125° 135E)	Top. Is. (125° 135E)	Honolulu (125° 135E)	Midway I. (125° 135E)	Nome (125° 135E)	Sitka (125° 135E)	Dutch Harbor (125° 135E)	Kodiak (125° 135E)
Hour of Observation																	
Atm. Pressure	756.1	756.8	760.0	756.8	757.1	-	755.6	758.1	758.5	757.7	759.9	763.5	765.0	753.4	755.4	765.0	754.4
Air Temperature	32.9	32.4	30.3	29.3	28.	-	29.	-	-	30.	26.	26.	27.	11.	12.	10.	-
Direction and Force of Wind	ESE 2	ENE 2	ESE 2	SE 2	SSW 2	-	W 2	NE 2	ENE 3	calm	WSW 2	E 1	NE 1	W 1	SW -	NE -	SW -
Weather	cloudy	clear	fair	cloudy	cloudy	-	cloudy	cloudy	fair	cloudy	clear	clear	fair	cloudy	cloudy	clear	clear

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 600



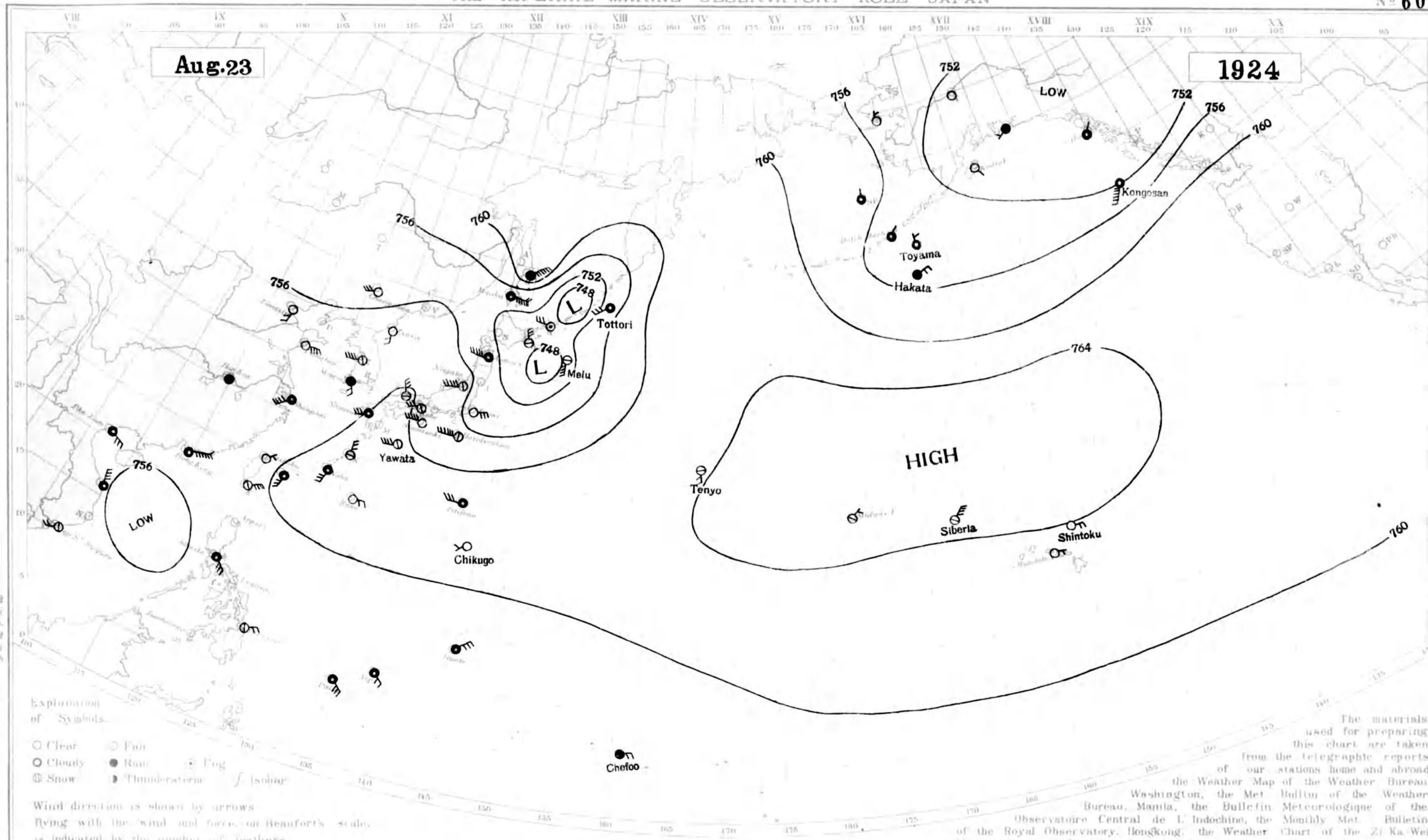
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# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 601



Explanation of Symbols

- Clear
- Cloudy
- ⊙ Rain
- ⊙ Snow
- ⊙ 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 Meteorologique of the Observatoire Central de L'Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Zi Ka Wai Observatory and the met. logs of the Japanese merchant marine.

Station	Tokoku 12° 135 E	Naha 12° 135 E	Nagasaki 12° 135 E	Stomizaki 12° 135 E	Kobe 12° 135 E	Tyosa 12° 135 E	Hatdyosuna 12° 135 E	Totigima 12° 135 E	Niigata 12° 135 E	Aomori 12° 135 E	Nemuro 12° 135 E	Maoka 12° 135 E	Meppo 12° 135 E	Zyosai 12° 135 E	Changchun 12° 135 E	Tientsin 12° 135 E	Usingtau 12° 135 E
Hour of Observation																	
Atm. Pressure (Red Sea Level)	758.7	761.5	760.0	757.8	759.7	755.9	757.0	760.9	757.7	754.5	748.9	753.2	759.1	758.3	754.8	756.9	758.0
Air Temperature (in °F)	33.3	28.9	28.7	28.7	29.3	28.5	29.1	28.6	27.5	28.8	23.0	14.3	26.2	29.7	30.4	31.2	28.2
Direction and Force of Winds (12)	NE 1	SSW 3	SW 3	W 5	SW 3	ENE 3	W 6	W 3	WSW 5	W 5	NNW 3	E 8	SSE 2	S 2	WSW 3	S 2	E 4
Weather	clear	cloudy	cloudy	clear	fair	clear	fair	cloudy	fair	cloudy	fair	cloudy	rain	clear	clear	clear	clear
Station	Shanghai 12° 135 E	Hankow 12° 135 E	Rusa 12° 135 E	Palau 12° 135 E	Hongkong 14°	Manila 14°	Singapore 11°	Canton 14°	Yap 14°	Phi Lien 10°	Cap S. Jacques 10°	Honolulu 20°	Midway I. 30°	Nome 20° 135 W	Sitka 20° 135 W	Unalakleet 20° 135 W	Kodiak 20° 135 W
Hour of Observation																	
Atm. Pressure (Red Sea Level)	757.5	758.5	761.1	757.4	757.4	759.0	758.6	758.9	759.4	758.8	759.6	762.5	765.0	753.9	747.3	755.9	748.8
Air Temperature (in °F)	28.3	27.7	30.0	29.9	30.	29.	28.	-	-	29.	27.	24.	26.	11.	13.	11.	11.
Direction and Force of Winds (12)	SW 4	calm	E 2	SE 3	ENE 7	SE 3	ENE 2	NE 3	SE 2	ESE 3	WSW 2	E 1	NE 1	N 1	NE -	NE -	SE -
Weather	cloudy	rain	clear	cloudy	cloudy	cloudy	fair	cloudy	cloudy	cloudy	fair	clear	fair	clear	cloudy	cloudy	clear

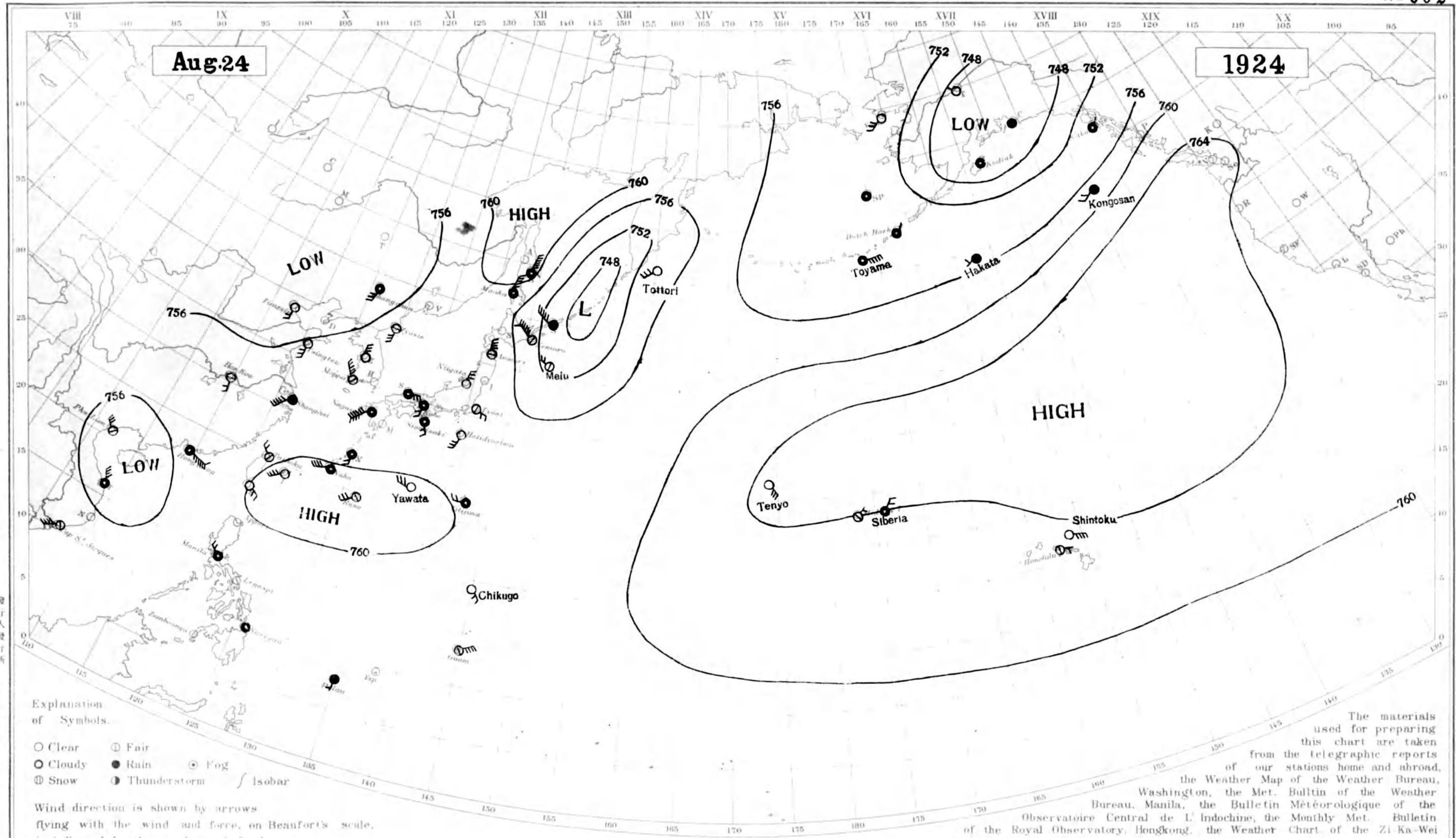


# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 602



印 發 行 人 設 計 所  
神 戶 市 中 山 手 通 七 丁 目  
海 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.

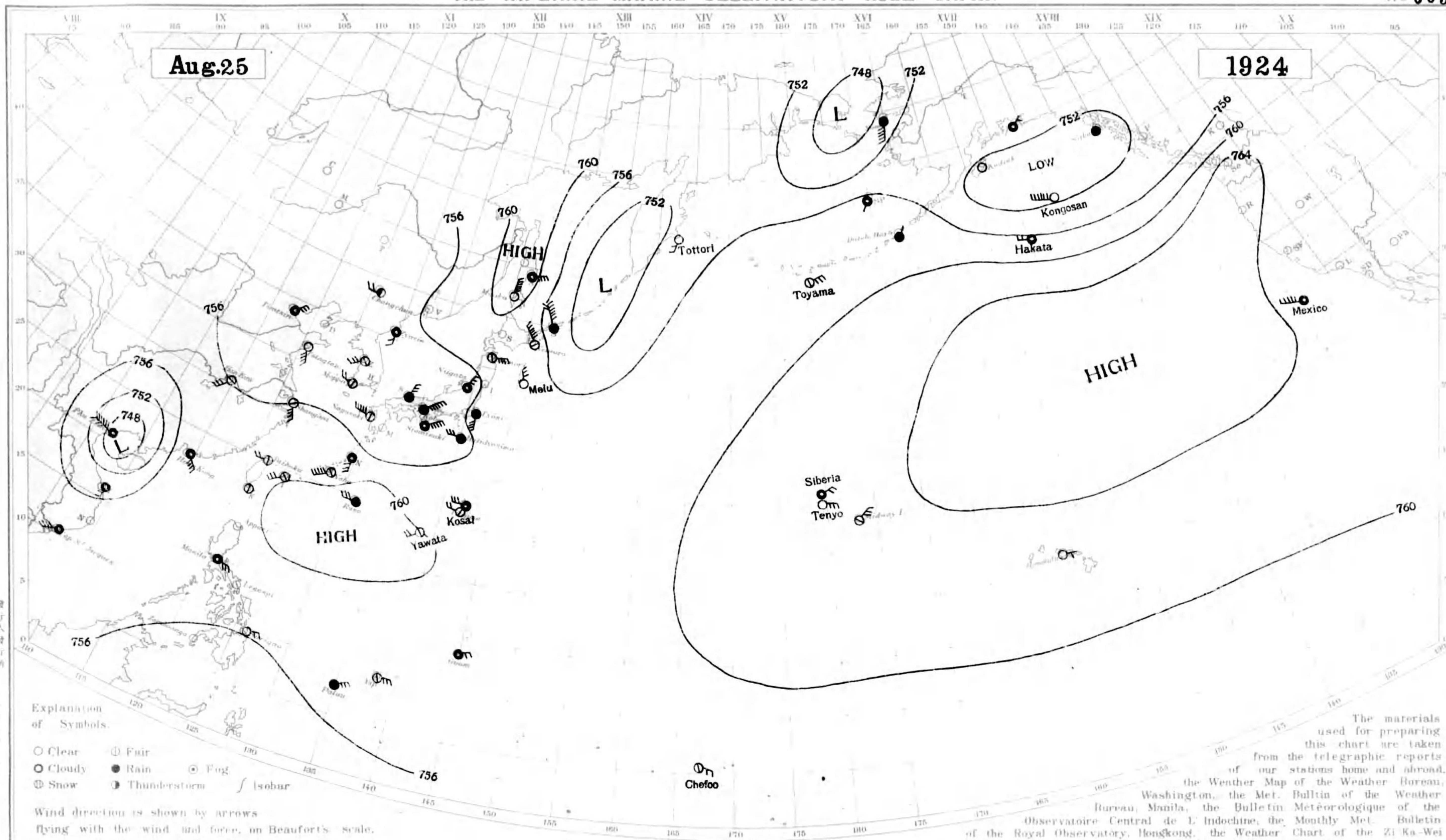
Station	Taihoku	Naha	Nagasaki	Siomi saki	Kobe	Tyosi	Hatidyosuma	Titizima	Niigata	Aomori	Nemuro	Maoka	Moopo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E
Atm. Pressure (Red. to m.s.l. and Sea level)	759.7	760.6	754.4	757.2	757.7	757.0	757.4	759.7	758.6	757.5	753.3	759.2	753.7	757.2	753.7	754.3	756.1
Air Temperature (in C)	32.2	28.6	27.0	28.4	28.0	29.0	28.8	29.0	28.2	24.9	17.3	15.6	28.0	27.8	28.4	29.3	28.8
Direction and Force of Winds (12)	NW 2	WSW 4	SW 10	SSE 2	S 2	ESE 2	SSW 3	W 2	NNE 3	N 4	NW 7	NNE 5	NW 5	S 3	SSW 3	S 2	S 3
Weather	fair	cloudy	cloudy	cloudy	cloudy	fair	clear	cloudy	clear	fair	fair	cloudy	fair	fair	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 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	10 <sup>h</sup>	10 <sup>h</sup>	20 <sup>h</sup>	10 <sup>h</sup> - 30 <sup>h</sup>	20 <sup>h</sup> , 135 W	20 <sup>h</sup> , 135 W	20 <sup>h</sup> , 135 W	20 <sup>h</sup> , 135 W
Atm. Pressure (Red. to m.s.l. and Sea level)	757.5	757.3	760.9	757.9	757.1	759.1	758.5	758.5	-	756.8	759.4	763.0	764.0	755.9	752.8	753.4	746.2
Air Temperature (in C)	27.8	32.4	30.5	26.7	29.	31.	26.	-	-	30.	27.	26.	24.	6.	10.	9.	11.
Direction and Force of Winds (12)	SW 5	S 2	SW 3	SSW 1	ESE 7	NW 2	calm	ENE 4	-	NW 3	WSW 4	E 1	NE 1	SW 3	NE -	NE -	calm
Weather	rain	fair	fair	rain	cloudy	cloudy	cloudy	cloudy	-	fair	fair	fair	fair	clear	cloudy	cloudy	cloudy

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 603



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.

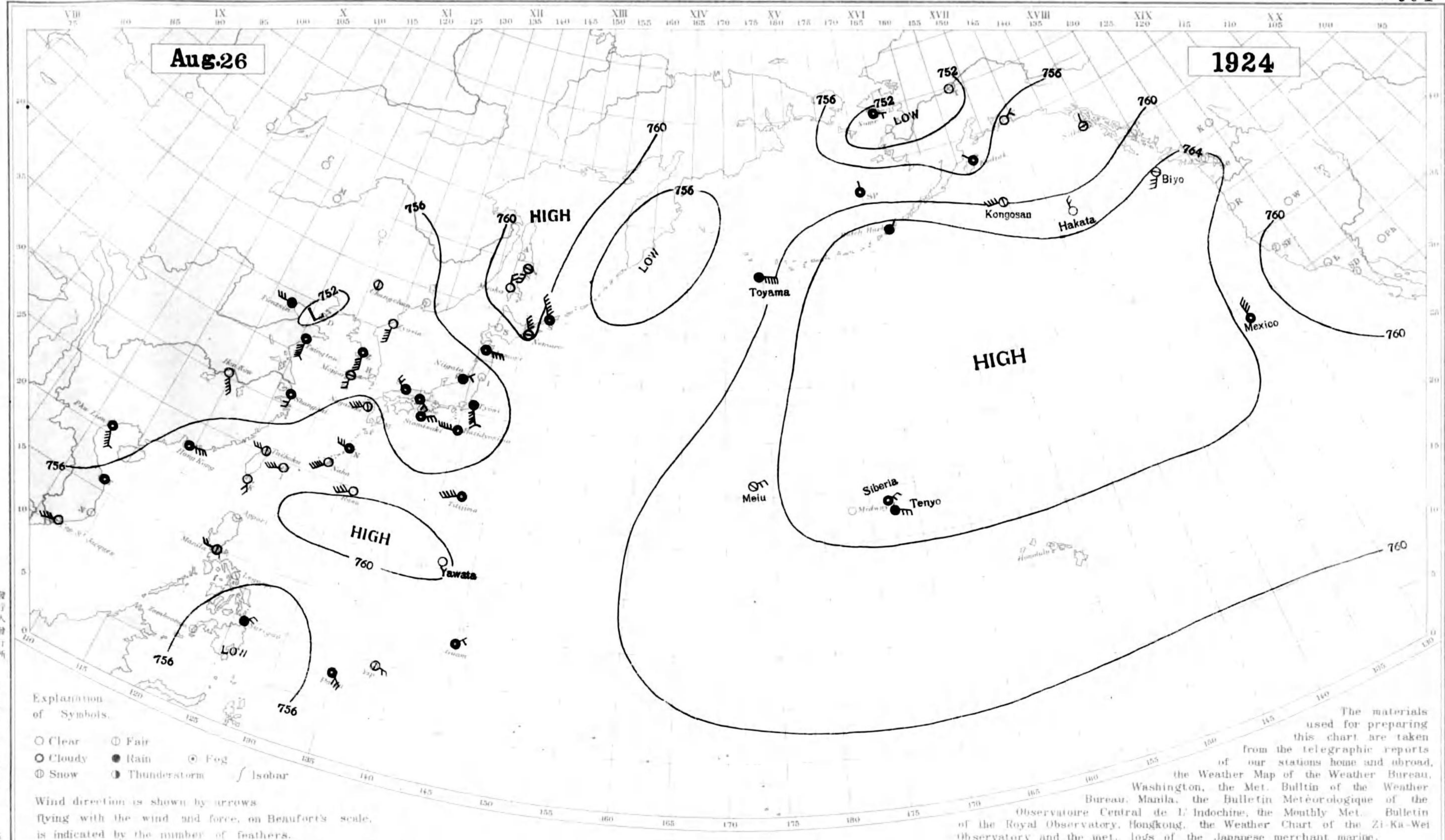
Station	Taihoku	Naha	Naga-saki	Stomi-saki	Kobe	Tyosi	Hatidyosima	Titizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E
Atm. Pressure (Red. to sea level and Std. Gr.)	759.4	759.1	755.2	752.5	752.8	757.0	755.4	758.5	755.2	757.8	757.1	760.8	755.5	755.7	752.5	752.9	755.5
Air Temperature (in C)	31.9	29.6	26.5	24.4	24.1	22.7	22.3	28.2	29.5	24.4	16.7	15.4	28.9	26.1	19.0	29.0	29.4
Direction and Force of Winds (0-12)	W 2	SW 5	WNW 5	NE 5	NE 6	S 4	W 3	W 3	NNE 3	ENE 4	NW 6	NNE 6	WNW 2	S 2	W 2	NE 2	SSE 4
Weather	fair	fair	fair	cloudy	rain	rain	rain	cloudy	cloudy	fair	fair	clear	fair	cloudy	th.s.	cloudy	clear
Station	Shanghai	Hankow	Rassa	Palau	Hongkong	Manila	Surigao	Guam	Yap	Phu Lien	Cap St. Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	10 <sup>h</sup>	10 <sup>h</sup>	20 <sup>h</sup>	18:30 <sup>h</sup>	20 <sup>h</sup> , 135 W	20 <sup>h</sup> , 135 W	20 <sup>h</sup> , 105 W	20 <sup>h</sup> , 105 W
Atm. Pressure (Red. to sea level and Std. Gr.)	756.0	756.0	760.6	757.3	758.9	758.3	757.6	758.6	758.4	748.8	759.2	763.0	763.0	748.3	750.3	758.4	751.8
Air Temperature (in C)	30.7	33.8	30.5	23.7	29.	29.	31.	-	-	25.	25.	26.	24.	9.	10.	8.	11.
Direction and Force of Winds (0-12)	SSE 4	SW 3	W 3	ENE 3	SE 4	E 3	ENE 2	ENE 2	E 3	WNW 10	WSW 4	E 1	NE 3	S 5	calm	NE -	calm
Weather	fair	fair	rain	rain	cloudy	cloudy	clear	cloudy	fair	cloudy	cloudy	clear	fair	rain	rain	rain	clear

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 604



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.

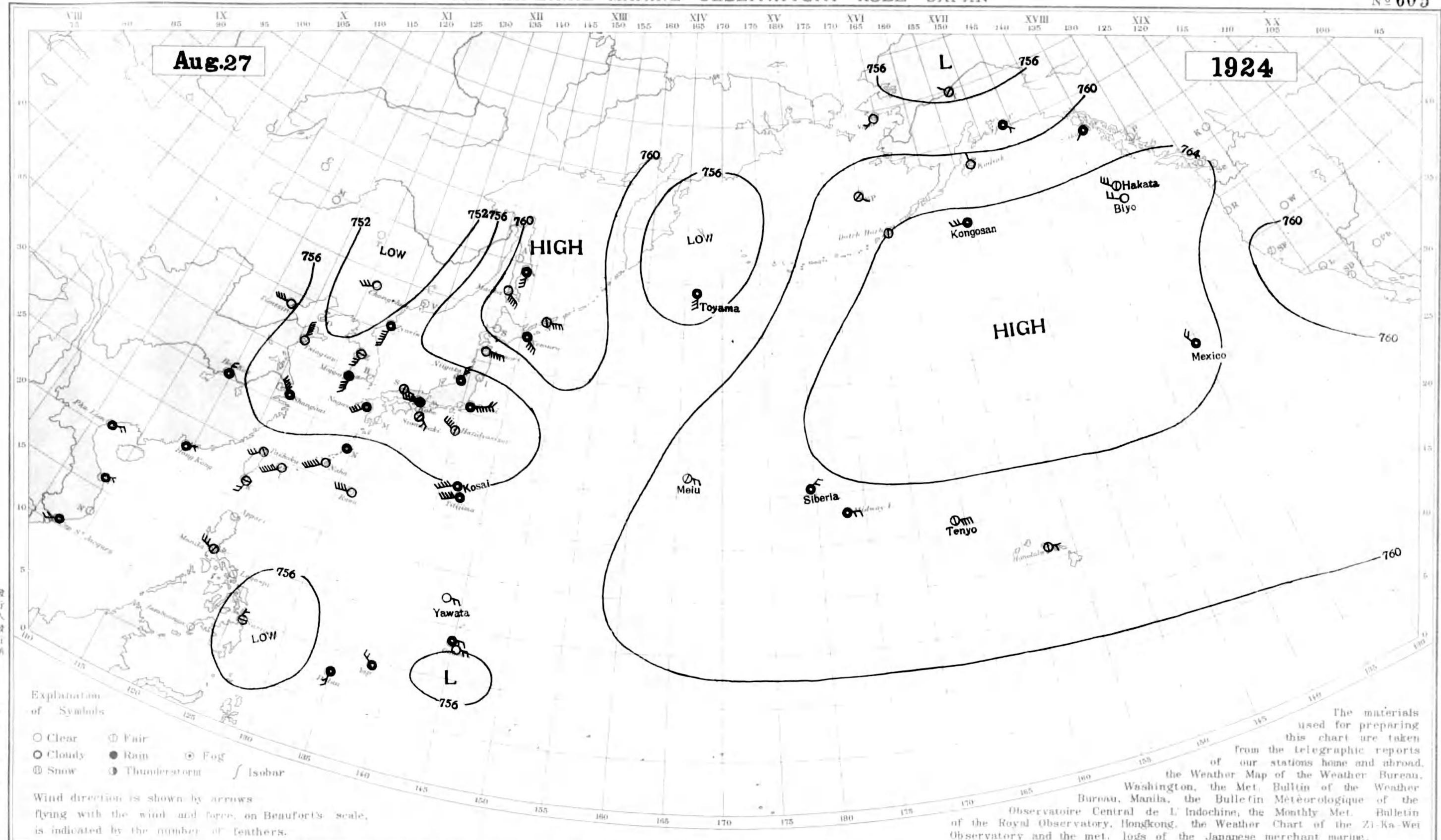
Station	Taihoku	Naha	Nagasaki	Siomisaki	Kobe	Tyos	Hatidyosma	Titizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E
Atm. Pressure (Red. to sea level and Std. Gr.)	758.6	758.8	756.1	753.0	753.0	752.6	750.9	757.3	755.2	756.5	760.1	761.0	755.7	753.7	753.1	753.2	752.8
Air Temperature (10 f)	31.7	30.0	27.3	24.0	27.4	21.7	26.7	28.4	21.6	26.6	16.8	16.6	29.0	25.4	25.8	25.8	29.0
Direction and Force of Winds (12)	W 3	SW 5	WSW 4	ENE 3	SE 2	SSE 7	W 5	WSW 5	NE 1	E 4	WSW 4	N 2	S 2	S 5	calm	W 3	S 7
Weather	fair	clear	fair	cloudy	cloudy	rain	cloudy	cloudy	rain	cloudy	fair	clear	fair	clear	fair	rain	cloudy
Station	Shanghai	Hankow	Rosa	Pelau	Hongkong	Manila	Surigao	Guam	Yap	Phi Lien	Cap St. Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	10 <sup>h</sup>	10 <sup>h</sup>	20 <sup>h</sup>	10 <sup>h</sup> - 30 <sup>h</sup>	20 <sup>h</sup> , 135 W	20 <sup>h</sup> , 135 W	20 <sup>h</sup> , 135 W	20 <sup>h</sup> , 135 W
Atm. Pressure (Red. to sea level and Std. Gr.)	755.7	755.3	759.6	756.5	759.2	757.9	757.0	758.3	758.4	756.6	759.3	-	-	751.8	756.4	764.5	755.4
Air Temperature (10 f)	29.0	33.1	30.5	29.5	30.	30.	28.	-	-	28.	27.	-	-	9.	9.	10.	10.
Direction and Force of Winds (12)	S 2	SSE 5	WSW 4	SE 3	E 4	W 2	NE 2	NE 1	ESE 2	SSE 7	WSW 4	-	-	E 1	N -	NE -	Nw -
Weather	cloudy	clear	clear	cloudy	cloudy	fair	rain	cloudy	fair	cloudy	clear	-	-	cloudy	fair	rain	cloudy

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 605



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.

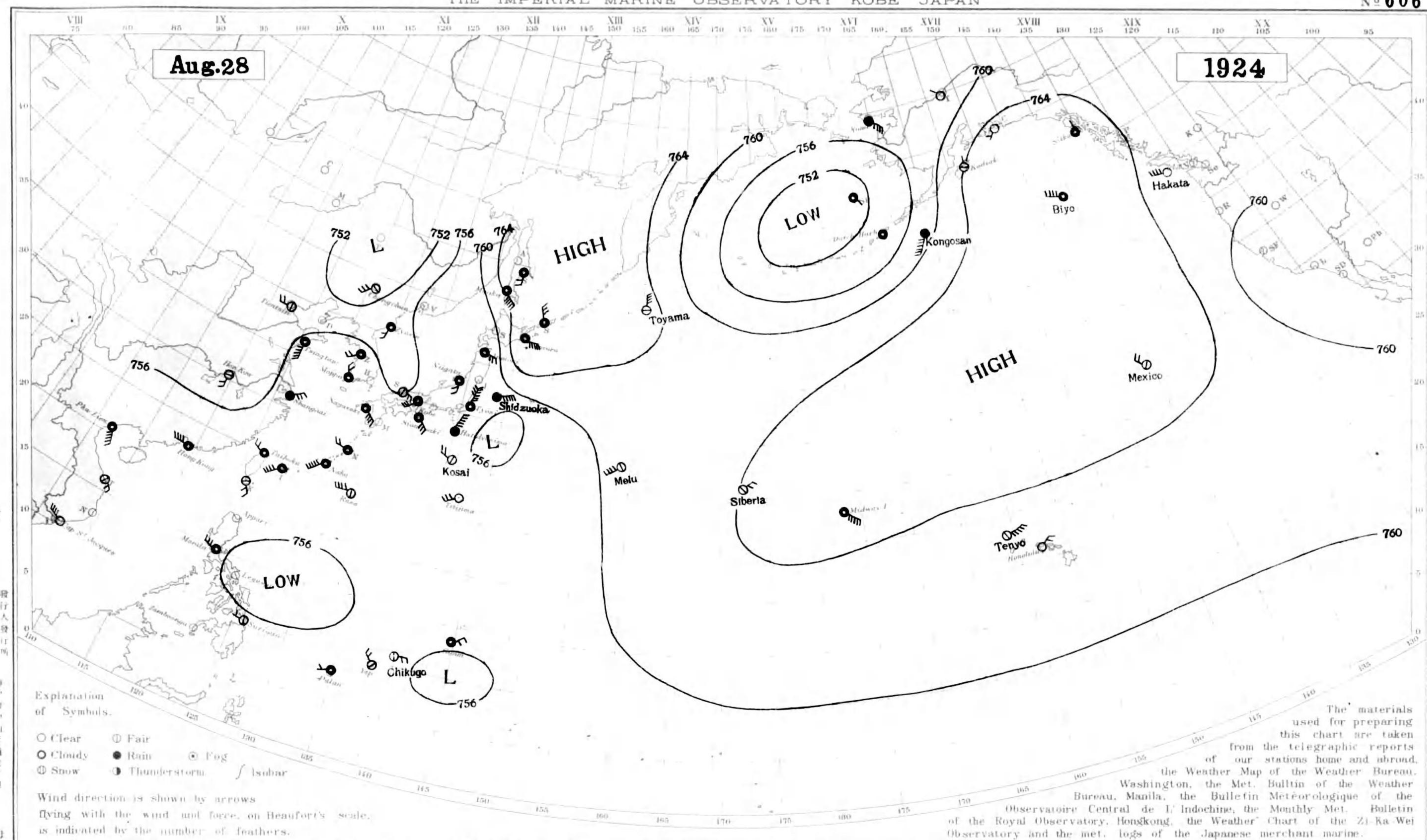
Station	Taihoku	Naha	Nagasaki	Simisaki	Kobe	Tyosi	Hatidyosima	Titizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E
Atm. Pressure	758.4	758.0	755.8	754.4	754.9	752.8	754.2	756.4	755.7	758.2	762.6	761.6	754.2	750.8	750.0	756.1	755.1
Air Temperature	29.4	29.4	28.8	27.8	26.2	24.0	27.2	27.8	27.0	24.7	14.5	16.7	24.2	25.2	25.0	27.2	27.2
Direction and Force of Winds	SW 3	SW 6	SW 4	SE 2	W 5	ENE 8	WNW 4	WSW 5	NNE 3	E 5	SE 4	SE 5	S 4	SSW 6	WSW 3	W 4	N .6
Weather	fair	clear	cloudy	fair	rain	cloudy	fair	cloudy	cloudy	clear	cloudy	clear	rain	cloudy	clear	clear	clear
Station	Shanghai	Hankow	Rassa	Pulau	Hongkong	Manila	Surigan	Guam	Yap	Phu Lien	Cap St. Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	10 <sup>h</sup>	10 <sup>h</sup>	20 <sup>h</sup>	18 : 30 <sup>h</sup>	20 <sup>h</sup> , 135 W	20 <sup>h</sup> , 135 W	20 <sup>h</sup> , 135 W	20 <sup>h</sup> , 135 W
Atm. Pressure	755.3	756.6	759.3	756.9	758.9	757.7	756.8	757.6	758.6	758.7	760.0	762.0	763.5	758.4	763.0	764.0	760.5
Air Temperature	28.8	29.1	30.7	29.8	30.	30.	27.	27.	27.	26.	25.	24.	23.	10.	12.	10.	10.
Direction and Force of Winds	NW 5	N 2	W 4	S 2	ENE 1	WNW 3	N 1	E 2	NW 2	ENE 2	WSW 2	E 1	E 2	SW 1	SW -	calm	N -
Weather	cloudy	cloudy	clear	cloudy	cloudy	fair	fair	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	clear	cloudy	fair	clear

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 606



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.

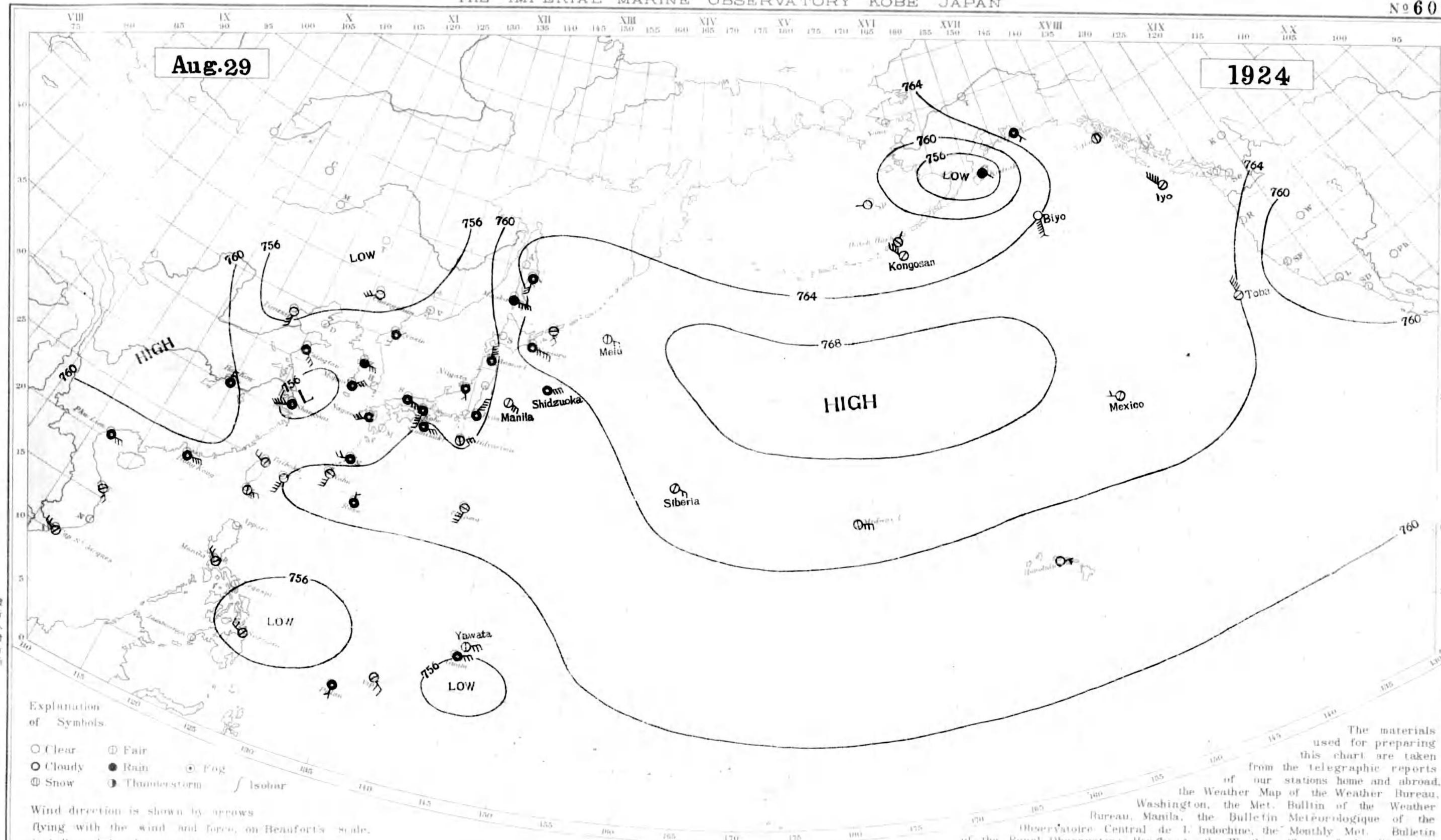
Station	Taihoku	Naha	Nagasaki	Simosaki	Kobe	Tyosai	Hatidyosima	Titizima	Niigata	Aomori	Nemuro	Maoka	Mopu	Zyosui	Changchun	Tientsin	Tsingtau
Hour of Observation	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E
Atm. Pressure (Reduction to Sea Level)	759.5	759.1	756.2	758.3	757.8	757.3	757.7	759.4	758.0	759.3	765.0	764.0	755.5	755.2	751.4	754.9	756.6
Air Temperature (in °C)	30.3	29.5	25.7	26.1	29.6	23.2	25.5	29.7	30.4	26.4	15.1	17.8	28.3	25.4	25.8	27.0	26.0
Direction and Force of Winds (0-12)	WNW 2	SW 5	SE 4	SE 3	SW 3	NNE 9	NNE 5	SW 3	S 2	ESE 3	ESE 5	SE 5	NNW 2	SSW 2	SW 3	W 2	S 5
Weather	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	rain	clear	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	fair	fair	cloudy
Station	Shanghai	Hankow	Rusa	Padou	Hongkong	Manila	Surigao	Guam	Yap	Phi Lien	Cap St. Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	14 <sup>h</sup>	13 <sup>h</sup>	13 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	10 <sup>h</sup>	10 <sup>h</sup>	20 <sup>h</sup>	10 : 30 <sup>h</sup>	20 <sup>h</sup> , 135° W	20 <sup>h</sup> , 135° W	20 <sup>h</sup> , 135° W	20 <sup>h</sup> , 135° W
Atm. Pressure (Reduction to Sea Level)	756.2	754.7	758.7	757.5	758.6	757.5	757.7	757.6	758.6	758.5	759.8	761.5	764.5	757.4	764.5	753.9	764.0
Air Temperature (in °C)	29.5	32.7	31.0	25.8	29.	30.	30.	-	-	29.	26.	24.	23.	8.	8.	12.	14.
Direction and Force of Winds (0-12)	NE 3	S 2	W 4	WSW 1	W 4	WNW 3	W 1	ENE 2	NW 2	SSE 5	WNW 4	NE 2	SE 5	SE 4	N -	calm	S -
Weather	rain	fair	fair	cloudy	cloudy	cloudy	fair	cloudy	fair	cloudy	clear	clear	cloudy	rain	cloudy	cloudy	fair

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 607



印 發 行 人 取 寄 所 所  
神 戶 市 中 山 手 通 七 丁 目  
海 軍 省 海 軍 省 海 軍 省  
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	Faiboku 12° 135 E	Naha 12° 135 E	Nagasaki 12° 135 E	Siomasaki 12° 135 E	Kobe 12° 135 E	Tyosai 12° 135 E	Hatidyosima 12° 135 E	Tsuzima 12° 135 E	Niigata 12° 135 E	Aomori 12° 135 E	Nemuro 12° 135 E	Macka 12° 135 E	Moppo 12° 135 E	Zyosin 12° 135 E	Chang-hun 12° 135 E	Tientsin 12° 135 E	Tsingtau 12° 135 E
Hour of Observation																	
Atm. Pressure (Red for sea and station)	759.3	760.3	758.3	760.1	759.1	759.8	759.9	760.7	758.6	759.9	764.9	762.5	756.1	757.3	753.6	755.9	758.8
Air Temperature (in C)	31.4	29.3	28.4	28.1	29.2	25.5	27.9	29.8	32.6	26.6	17.5	16.3	25.5	22.5	26.5	27.6	22.9
Direction and Force of Winds (1-12)	NNW 2	SSW 3	SW 3	E 3	S 5	NNE 5	NE 3	SSW 4	SSE 1	N 4	ESE 5	ESE 5	NE 3	SSW 2	WSW 3	S 3	SE 3
Weather	fair	fair	cloudy	cloudy	cloudy	cloudy	fair	fair	cloudy	cloudy	cloudy	rain	cloudy	cloudy	clear	clear	cloudy

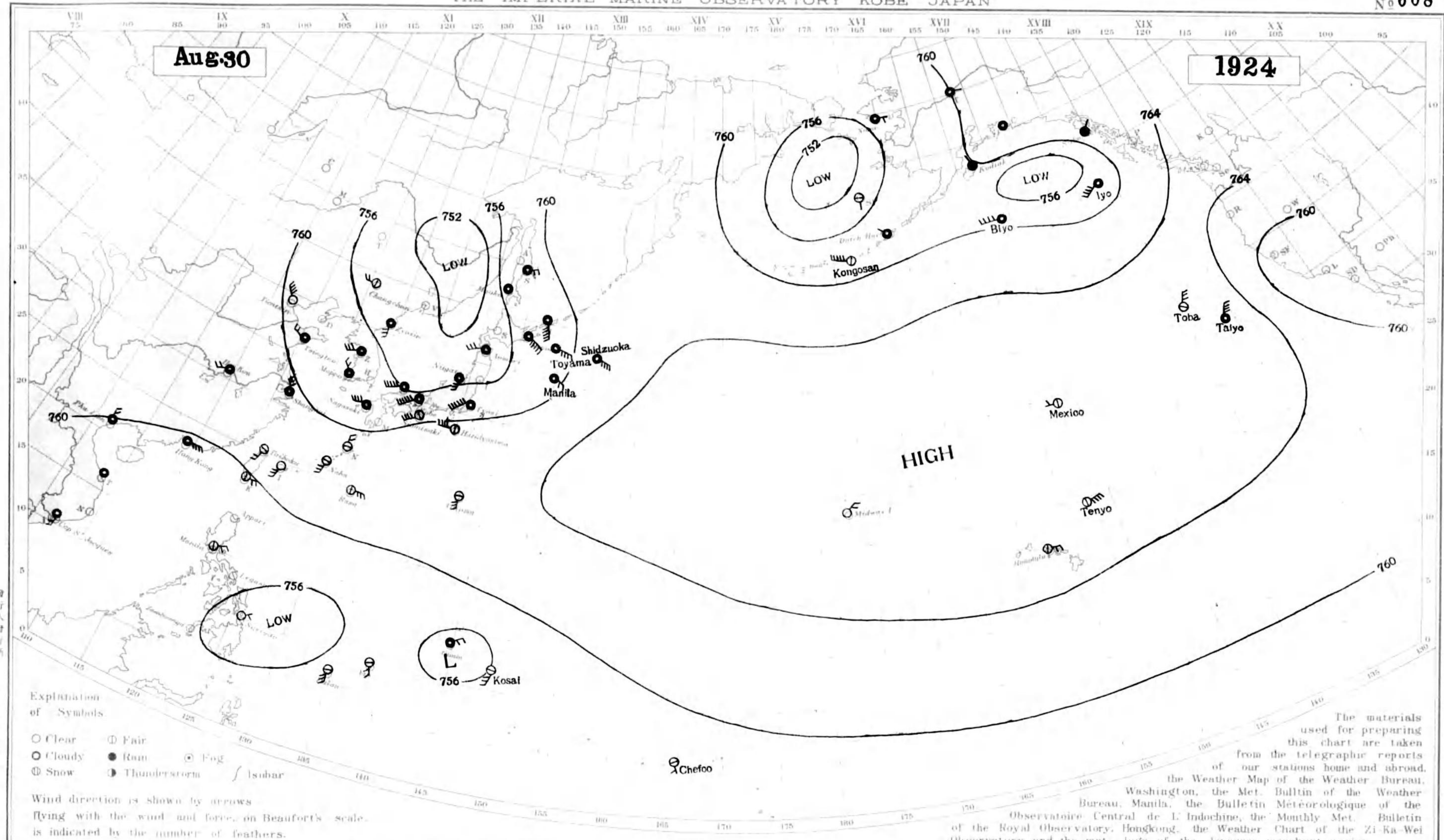
Station	Shanghai 12° 135 E	Hankow 12° 135 E	Rosa 12° 135 E	Pusan 12° 135 E	Hongkong 14°	Manila 14°	Sourabaya 14°	Guan 14°	Vap 14°	Phu Lien 14°	Cap St Jacques 14°	Honolulu 20°	Midway I. 16-30°	Nome 20° 135 W	Sitka 20° 135 W	Dutch Harbor 20° 135 W	Kodiak 20° 135 W
Hour of Observation																	
Atm. Pressure (Red for sea and station)	755.4	760.2	760.7	756.4	759.5	757.9	757.2	757.5	757.8	759.4	757.9	762.5	766.6	-	767.1	762.5	753.9
Air Temperature (in C)	31.6	23.0	33.0	25.5	29.	29.	32.	-	-	30.	27.	26.	22.	-	11.	9.	10.
Direction and Force of Winds (1-12)	WSW 5	N 2	N 1	S 1	E 4	NW 2	WNW 2	ENE 3	SE 2	E 3	WNW 2	E 1	E 3	-	calm	NE -	SE -
Weather	cloudy	cloudy	cloudy	cloudy	cloudy	fair	fair	cloudy	fair	cloudy	fair	clear	fair	-	fair	fair	rain

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 608



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	Taihoiku	Naha	Nagasaki	Siomi-saki	Kobe	Tyosi	Hatidoyama	Fuzuma	Niigata	Aomori	Nemuro	Muoka	Moppo	Zyosui	Changchun	Tientsin	Tsingtau
Hour of Observation	12 <sup>h</sup> , 135°E	12 <sup>h</sup> , 135°E	12 <sup>h</sup> , 135°E	12 <sup>h</sup> , 135°E	12 <sup>h</sup> , 135°E	12 <sup>h</sup> , 135°E	12 <sup>h</sup> , 135°E	12 <sup>h</sup> , 135°E	12 <sup>h</sup> , 135°E	12 <sup>h</sup> , 135°E	12 <sup>h</sup> , 135°E	12 <sup>h</sup> , 135°E	12 <sup>h</sup> , 135°E	12 <sup>h</sup> , 135°E	12 <sup>h</sup> , 135°E	12 <sup>h</sup> , 135°E	12 <sup>h</sup> , 135°E
Atm. Pressure (Red. to m. s. l. and Sta. 10')	760.1	761.8	758.7	759.2	758.2	758.1	760.6	762.2	755.9	753.9	758.0	756.5	758.9	755.4	753.7	759.8	759.2
Air Temperature (in C.)	32.2	29.8	28.1	28.0	29.2	27.4	28.6	30.2	32.0	28.7	17.5	18.2	24.8	25.6	19.3	25.8	24.0
Direction and Force of Winds (0-12)	SSW 2	SSW 3	W 4	SW 4	SW 7	SW 6	W 4	S 3	SSW 3	WSW 3	SE 5	calm	NW 2	S 3	W 2	NW 4	WNW 2
Weather	fair	fair	cloudy	fair	cloudy	cloudy	fair	fair	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	fair	clear	cloudy
Station	Shanghai	Hankow	Rusa	Pekin	Hongkong	Manila	Sourabaya	Guum	Yap	Phi Laien	Cap St Jacques	Honolulu	Midway I	Nome	Sikku	Dutch Harbor	Kodiak
Hour of Observation	12 <sup>h</sup> , 135°E	12 <sup>h</sup> , 135°E	12 <sup>h</sup> , 135°E	12 <sup>h</sup> , 135°E	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</sup>	10 <sup>h</sup>	10 <sup>h</sup>	20 <sup>h</sup>	01:30 <sup>h</sup>	20 <sup>h</sup> , 135°W	20 <sup>h</sup> , 135°W	20 <sup>h</sup> , 135°W	20 <sup>h</sup> , 135°W
Atm. Pressure (Red. to m. s. l. and Sta. 10')	760.3	763.0	760.9	756.4	759.3	758.8	756.7	757.2	758.0	761.5	758.3	764.5	765.0	759.5	761.0	757.4	760.0
Air Temperature (in C.)	26.3	24.0	30.6	29.2	32.	30.	31.	-	-	29.	27.	26.	26.	9.	10.	8.	10.
Direction and Force of Winds (0-12)	NNW 3	WSW 2	E 3	S 3	E 4	ENE 2	NE 1	ENE 2	SSE 2	N 2	S 2	E 2	NE 2	E 1	NE -	NW -	N -
Weather	cloudy	cloudy	fair	fair	cloudy	fair	clear	cloudy	fair	cloudy	cloudy	fair	clear	cloudy	rain	cloudy	rain

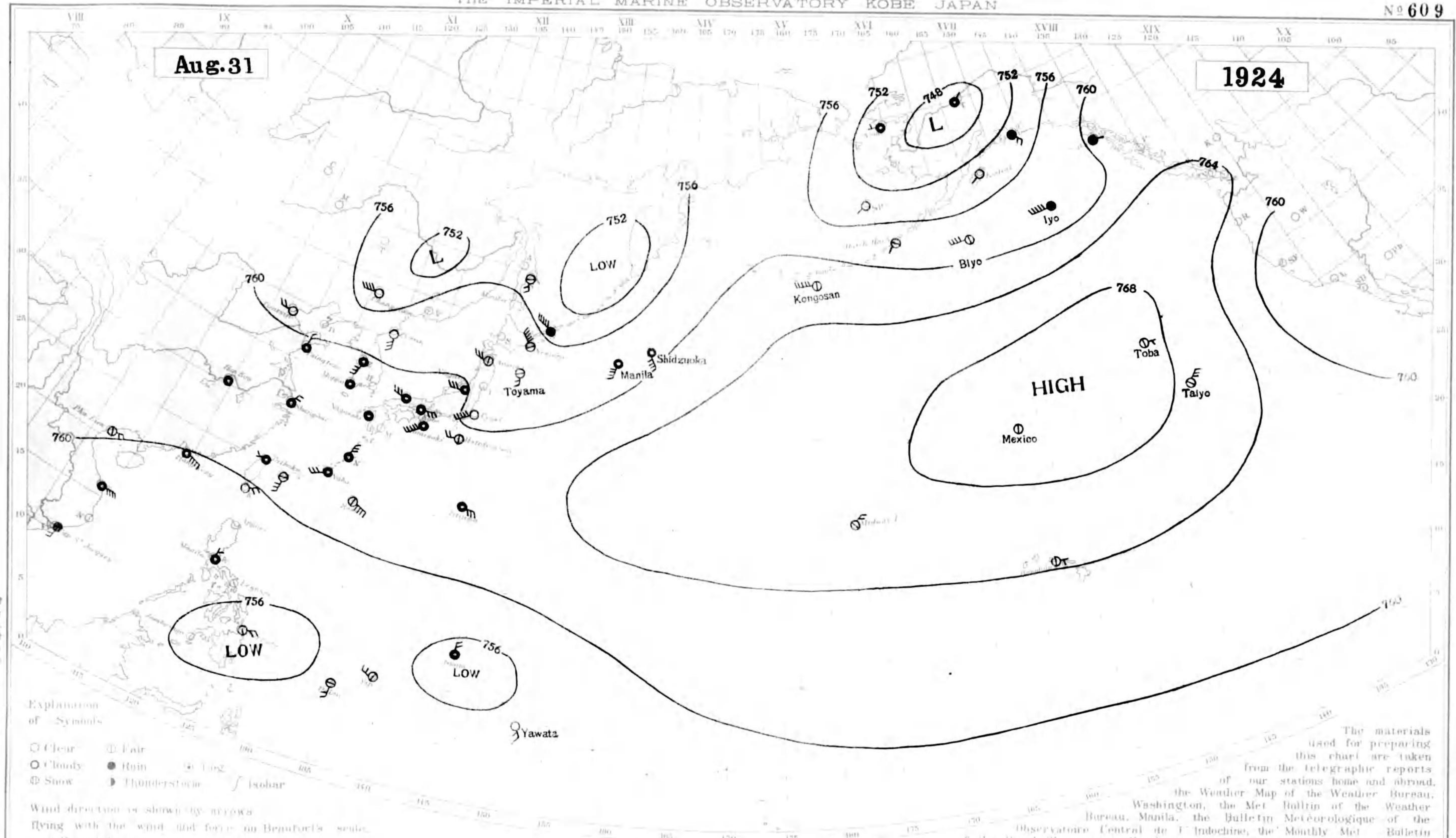
洋 氣 象 報

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 609



Explanation of Symbols  
 ○ Clear    ⊙ Fair  
 ○ Cloudy    ● Rain  
 ⊕ Snow    ⚡ Thunderstorm  
 — Isobar

Wind direction is shown by arrows flying with the wind and force in 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	Tsuhoku 12° 135 E	Naha 12° 135 E	Nagasaki 12° 135 E	Siomaki 12° 135 E	Kobe 12° 135 E	Lyso 12° 135 E	Hanryosoma 12° 135 E	Tiizima 12° 135 E	Nigata 12° 135 E	Ansei 12° 135 E	Nemuro 12° 135 E	Mooka 12° 135 E	Mopu 12° 135 E	Zyosan 12° 135 E	Changchun 12° 135 E	Tsitsin 12° 135 E	Tsingtan 12° 135 E
Atm. Pressure (1/4 in reduced to sea level)	760.2	761.6	760.3	760.7	760.1	758.9	761.7	763.0	760.4	758.2	756.5	756.5	760.2	758.4	755.8	759.7	761.3
Air temperature (1/4 in)	31.2	28.6	27.7	29.6	28.8	28.6	28.5	20.5	25.6	28.4	21.2	11.7	25.8	25.1	24.0	27.3	24.0
Direction and Force of Winds (1/2 in)	W 1	WSW 3	calm	SW 5	E 3	SW 5	W 2	ESE 3	W 3	WNW 3	NW 5	calm	calm	S 3	W 4	W 2	N 2
Weather	cloudy	cloudy	cloudy	cloudy	cloudy	clear	fair	cloudy	cloudy	fair	fair	clear	cloudy	clear	clear	clear	cloudy
Station	Shanghai 12° 135 E	Hankow 12° 135 E	Rangoon 12° 135 E	Panama 12° 135 E	Hongkong 14°	Manila 14°	Sourabaya 14°	Gorontalo 14°	Yap 14°	Pho Lien 10°	Cap de Jacques 10°	Honolulu 20°	Midway I. 01° 30°	Nome 20° 135 W	Sitka 20° 135 W	Dutch Harbor 20° 135 W	Kodiak 20° 135 W
Atm. Pressure (1/4 in reduced to sea level)	760.9	762.6	761.1	756.8	759.8	758.3	756.6	756.9	758.0	761.7	759.5	764.0	765.0	750.3	760.5	758.4	753.4
Air temperature (1/4 in)	24.3	25.6	30.0	30.0	30.0	27.0	29.0	29.0	29.0	30.0	23.0	26.0	24.0	10.0	12.0	10.0	11.0
Direction and Force of Winds (1/2 in)	NNE 2	calm	ESE 4	S 2	ESE 4	N 1	ENE 2	N 2	WNW 2	ENE 2	S 2	E 1	NE 2	W 1	E -	SW -	SW -
Weather	cloudy	cloudy	fair	fair	cloudy	cloudy	fair	cloudy	fair	fair	rain	fair	fair	cloudy	rain	fair	clear

日一三日八月三十一

圖氣大洋平大北

號九〇六第





不許複製

印刷所

海洋氣象臺

印刷者  
發行兼

海洋氣象臺

神戸市中山手通七丁目

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