

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

北太平洋天氣圖

大正十四年四月

神戶

海軍氣象臺

**DAILY WEATHER CHARTS**

OF THE

**NORTH PACIFIC OCEAN.**

APRIL

1925



THE IMPERIAL MARINE OBSERVATORY,

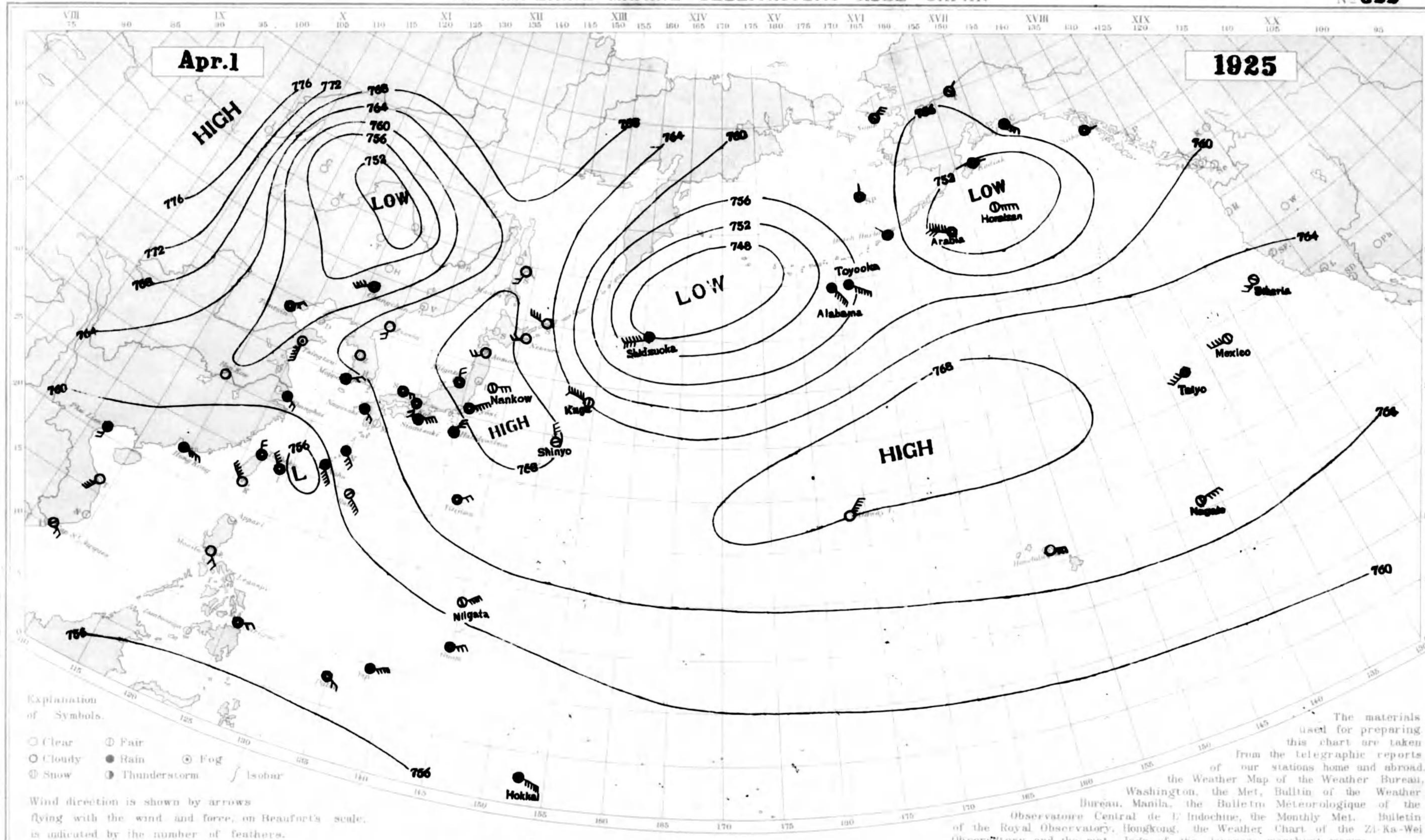
KOBE, JAPAN.

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 829



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 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 12 <sup>h</sup> , 135 E	Naha 12 <sup>h</sup> , 135 E	Nagasaki 12 <sup>h</sup> , 135 E	Simonsaki 12 <sup>h</sup> , 135 E	Kobe 12 <sup>h</sup> , 135 E	Tyosi 12 <sup>h</sup> , 135 E	Hatidzushima 12 <sup>h</sup> , 135 E	Titizima 12 <sup>h</sup> , 135 E	Niigata 12 <sup>h</sup> , 135 E	Aomori 12 <sup>h</sup> , 135 E	Nemuro 12 <sup>h</sup> , 135 E	Moeka 12 <sup>h</sup> , 135 E	Moppo 12 <sup>h</sup> , 135 E	Zyosin 12 <sup>h</sup> , 135 E	Changchun 12 <sup>h</sup> , 135 E	Tientsin 12 <sup>h</sup> , 135 E	Tsingtau 12 <sup>h</sup> , 135 E
Atm. Pressure (Red. to m.s.l. and Std. Gr.)	759.3	757.6	753.7	757.0	757.0	759.1	757.7	754.8	758.2	750.2	757.7	758.0	753.0	754.7	757.3	759.4	752.7
Air Temperature (in C)	23.0	21.8	14.1	13.7	16.6	12.0	16.4	22.3	11.5	9.0	5.2	1.5	14.1	6.5	6.9	9.8	6.3
Direction and Force of Winds (0-12)	NNW 2	SE 5	SE 2	ENE 4	S 2	NE 5	NNE 3	ENE 2	N 2	SW 2	WSW 2	- 1	ESE 2	S 2	SW 4	NE 2	S 5
Weather	cloudy	rain	rain	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	clear	clear	clear	cloudy	clear	cloudy	cloudy	fog

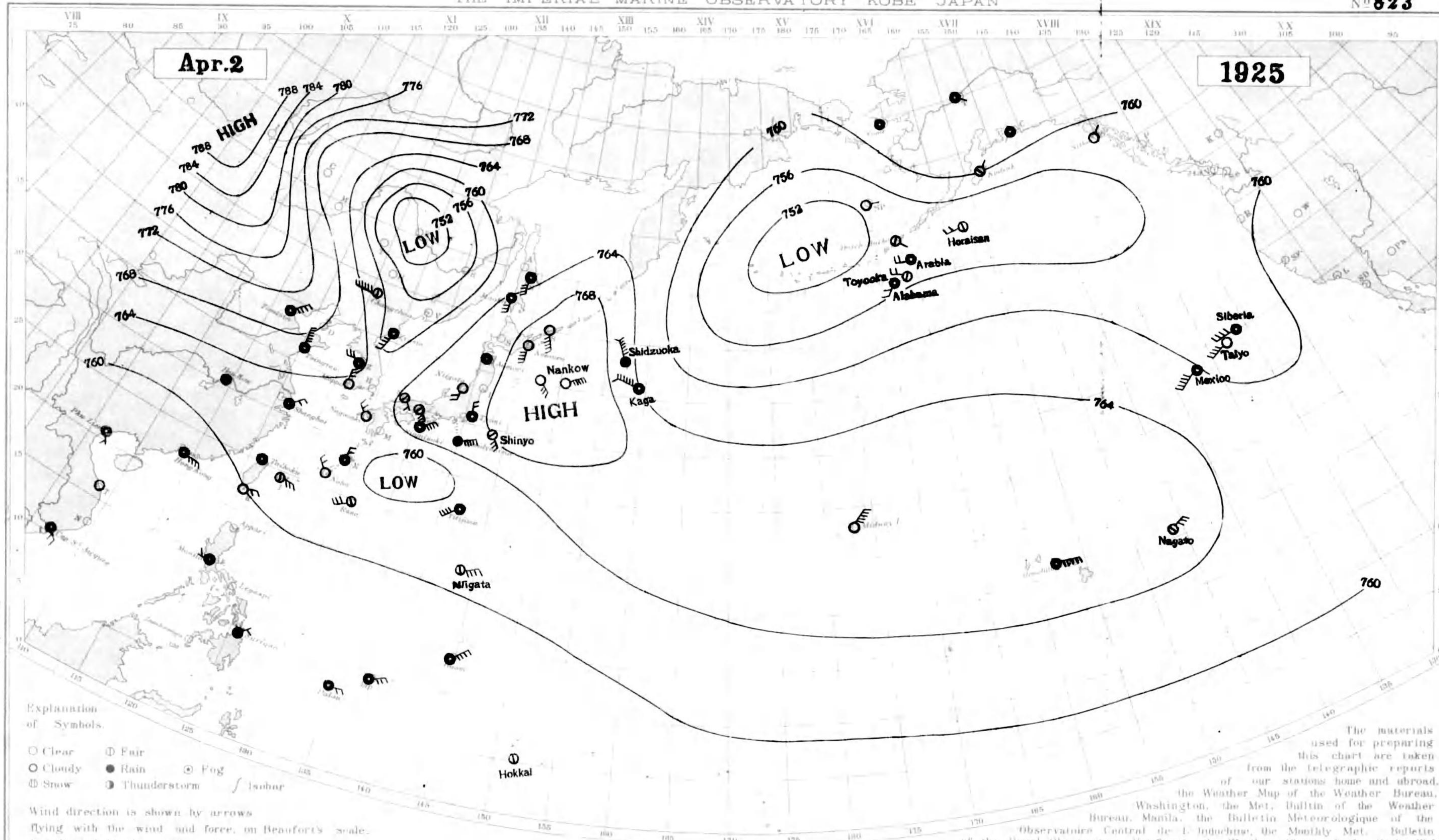
Station	Shanghai 12 <sup>h</sup> , 135 E	Hankow 12 <sup>h</sup> , 135 E	Rusa 12 <sup>h</sup> , 135 E	Palau 12 <sup>h</sup> , 135 E	Hongkong 14 <sup>h</sup>	Manila 14 <sup>h</sup>	Surigao 14 <sup>h</sup>	Guam 14 <sup>h</sup>	Yap 14 <sup>h</sup>	Phu-Lien 10 <sup>h</sup>	Cap-S-Jarques 10 <sup>h</sup>	Honolulu 20 <sup>h</sup>	Midway I. 18:30 <sup>h</sup>	Nome 20 <sup>h</sup> , 135 W	Sitka 20 <sup>h</sup> , 135 W	Dutch Harbor 20 <sup>h</sup> , 135 W	Kodiak 20 <sup>h</sup> , 135 W
Atm. Pressure (Red. to m.s.l. and Std. Gr.)	751.2	750.1	751.2	756.9	758.3	758.3	758.2	758.0	757.8	759.0	750.3	758.5	758.0	757.4	759.5	756.4	751.8
Air Temperature (in C)	12.0	18.6	20.6	28.8	19.4	34.	29.	-	-	20.	31.	22.	20.	- 6.	3.	0.	8.
Direction and Force of Winds (0-12)	ESE 2	- 1	SE 5	ESE 2	E 4	SE 2	ENE 2	ENE 3	ENE 5	S 2	ESE 2	E 3	NE 5	NE 3	E -	NW -	E -
Weather	rain	clear	fair	cloudy	rain	clear	cloudy	cloudy	rain	cloudy	fair	clear	clear	fair	cloudy	snow	cloudy

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 823



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 Ku Wei Observatory and the met. logs of the Japanese merchant marine.

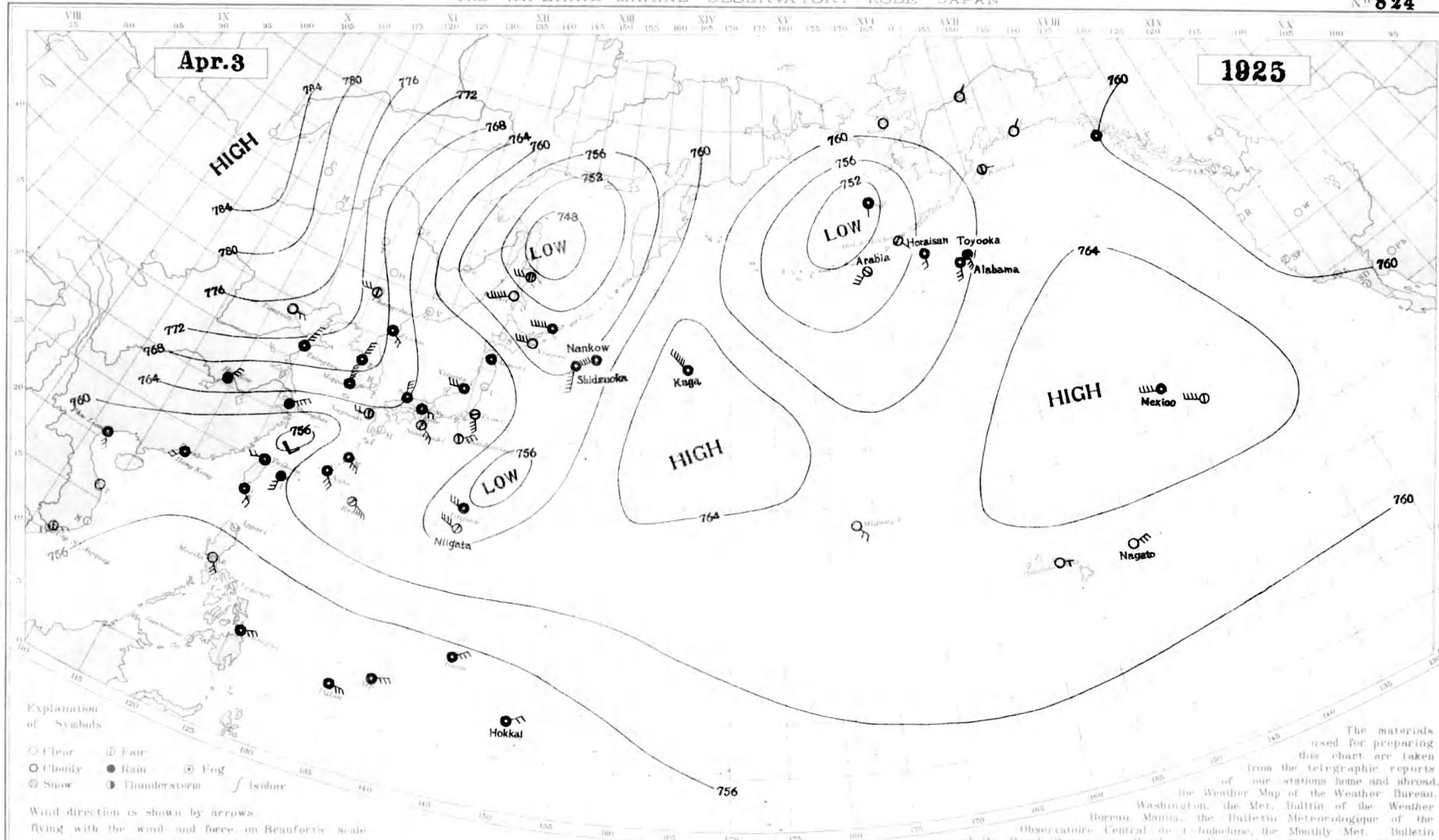
Station	Taihoku	Naha	Nagasaki	Simisaki	Kobe	Tyosai	Hatidyosma	Titizima	Niigata	Aomori	Nemuro	Mooka	Muppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 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 (Red to m.s.l. and Sea Gr)	761.4	761.6	763.5	764.7	764.7	767.3	764.5	761.3	765.8	767.0	771.4	764.1	763.8	768.7	763.3	771.5	765.2
Air Temperature (in C)	19.8	24.1	21.0	16.1	20.4	15.4	14.6	22.2	19.9	6.8	2.3	5.3	18.3	7.8	1.6	9.0	12.8
Direction and Force of Winds (0-12)	1 NW	2 NW	2 NW	4 NE	3 SE	2 N	5 E	4 SW	2 SSW	calm	4 S	3 S	3 N	4 SSW	6 W	4 NE	6 N
Weather	cloudy	clear	clear	cloudy	fair	cloudy	rain	cloudy	clear	cloudy	fair	cloudy	clear	cloudy	fair	cloudy	cloudy
Station	Shanghai	Hankow	Husa	Dalau	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>	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
Air Pressure (Red to m.s.l. and Sea Gr)	762.2	761.1	761.6	757.2	758.5	758.4	758.3	757.7	757.8	758.2	760.2	765.0	765.0	761.5	759.5	754.4	760.0
Air Temperature (in C)	14.8	17.0	24.6	29.7	21.	30.	27.	-	-	22.	30.	22.	20.	- 8.	4.	2.	2.
Direction and Force of Winds (0-12)	2 NE	1 -	3 WSW	2 E	4 E	1 W	1 NE	4 NE	3 ENE	1 SSE	2 SE	5 E	5 NE	calm	NE -	SE -	NE -
Weather	cloudy	cloudy	fair	cloudy	cloudy	cloudy	rain	cloudy	cloudy	cloudy	cloudy	cloudy	clear	cloudy	clear	fair	fair

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 824



Explanation of Symbols

- Clear
- ☁ Cloudy
- ☁☁ Rain
- ☁☁☁ Fog
- ☁☁☁☁ Thunderstorm
- ☁☁☁☁☁ Snow
- 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	Simsaki	Kobe	Tyos	Haidyosima	Tizuzina	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 Sea level)	759.5	761.2	762.5	763.5	763.2	762.8	763.1	756.7	763.2	761.0	755.8	753.2	765.5	765.6	769.2	775.6	770.5
Air Temperature (in C)	20.9	22.5	20.6	18.6	25.6	17.8	17.5	20.9	14.8	8.1	7.0	2.0	765.5	765.6	769.2	775.6	770.5
Direction and Force of Winds (1-12)	WSW 2	SE 3	W 2	ESE 3	E 2	SSE 4	NE 3	W 3	W 3	calm	W 4	WSW 6	N 5	SE 2	W 3	E 2	NNE 5
Weather	cloudy	cloudy	fair	fair	cloudy	fair	fair	cloudy	cloudy	cloudy	clear	clear	cloudy	cloudy	fair	clear	cloudy
Station	Shanghai	Hankow	Kusan	Padan	Hongkong	Manila	Sarigo	Guzin	Yap	Phi Lien	Cap St 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>	14 <sup>h</sup>	10 <sup>h</sup>	20 <sup>h</sup>	10 <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>	20 <sup>h</sup> , 135 <sup>W</sup>
Atm. Pressure (Red to m.s.l. and Sea level)	762.7	765.7	761.1	756.2	757.4	756.8	757.0	756.8	756.6	757.5	759.7	763.0	762.0	761.5	760.0	753.4	760.5
Air Temperature (in C)	7.9	6.3	24.7	28.8	26.	34.	29.	-	-	23.	29.	22.	21.	- 3.	6.	3.	1.
Direction and Force of Winds (1-12)	NE 4	NNE 3	ESE 5	E 3	SW 2	SE 3	ENE 3	NE 3	ENE 3	SSE 3	ENE 2	E 1	SE 2	-	calm	SE -	E -
Weather	rain	rain	fair	cloudy	cloudy	clear	cloudy	cloudy	cloudy	cloudy	fair	clear	clear	-	cloudy	fair	fair

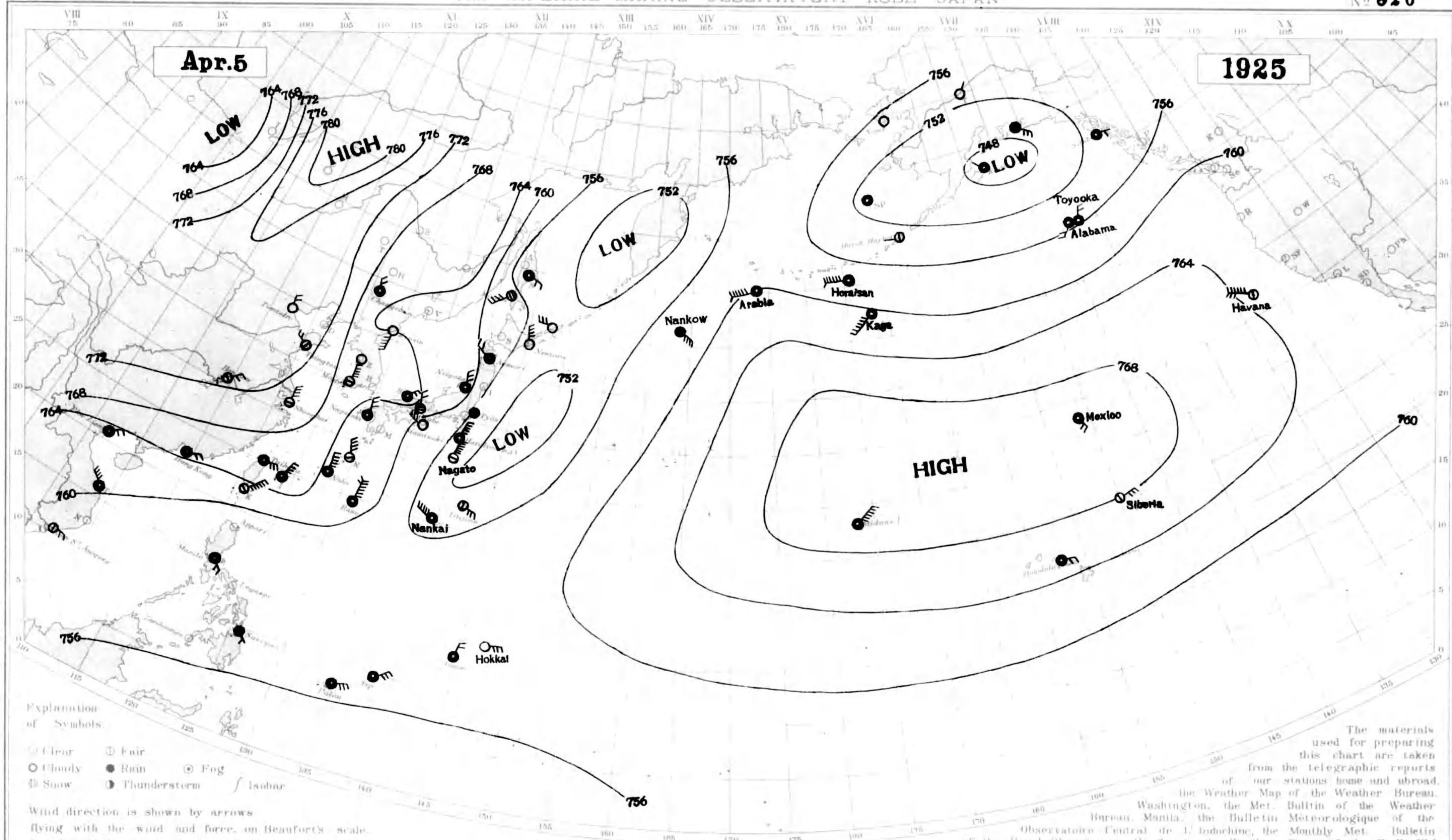


# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 826



Explanation of Symbols

- ☉ Clear
- ☁ Cloudy
- ☂ Rain
- ☂ Fog
- ☂ Snow
- ☂ Thunderstorm
- Isobar

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

The materials used for preparing this chart are taken from the telegraphic reports of our stations home and abroad. The Weather Map of the Weather Bureau, Washington, the Met. Bulletin of the Weather Bureau, Manila, the Bulletin 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	Tsuboku	Naha	Nagasaki	Simsaki	Kobe	Tyosi	Hatidyosima	Tiuzina	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 Gr.)	766.6	763.9	763.2	757.8	762.3	756.0	755.6	755.3	760.9	758.3	755.5	756.6	766.8	764.0	767.6	773.5	772.2
Air Temperature (in °C)	13.3	16.1	10.2	11.1	6.2	4.9	10.6	21.1	2.8	2.0	-1.5	-3.1	7.0	3.5	1.5	8.4	5.7
Direction and Force of Winds (0-12)	E 3	N 5	N 3	NW 3	NNW 2	NNE 6	NNE 5	ESE 3	N 3	NW 2	NNW 4	SW 4	N 5	SSW 4	N 2	N 2	NW 2
Weather	cloudy	cloudy	cloudy	clear	snow	rain	cloudy	fair	cloudy	cloudy	clear	snow	fair	clear	cloudy	clear	fair
Station	Shanghai	Hankow	Kassa	Pusan	Hongkong	Manila	Surigao	Guam	Yap	Phi Lim	Guap 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> , 160° W	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 Gr.)	770.8	772.5	761.0	756.7	764.5	758.3	758.4	757.4	757.4	765.2	760.0	-	771.1	753.9	752.3	754.4	747.8
Air Temperature (in °C)	8.3	10.1	20.1	29.5	14.	34.	26.	-	-	16.	29.	-	19.	-4.	3.	2.	3.
Direction and Force of Winds (0-12)	N 4	NE 2	NNE 8	ENE 3	ENE 2	SE 2	SE 1	NNE 2	NE 3	ENE 2	E 2	E 2	NE 6	-	E 1	W -	NW -
Weather	fair	fair	cloudy	cloudy	cloudy	cloudy	rain	cloudy	cloudy	cloudy	fair	cloudy	cloudy	clear	cloudy	fair	cloudy

日五廿月四年一

圖氣天洋平大北

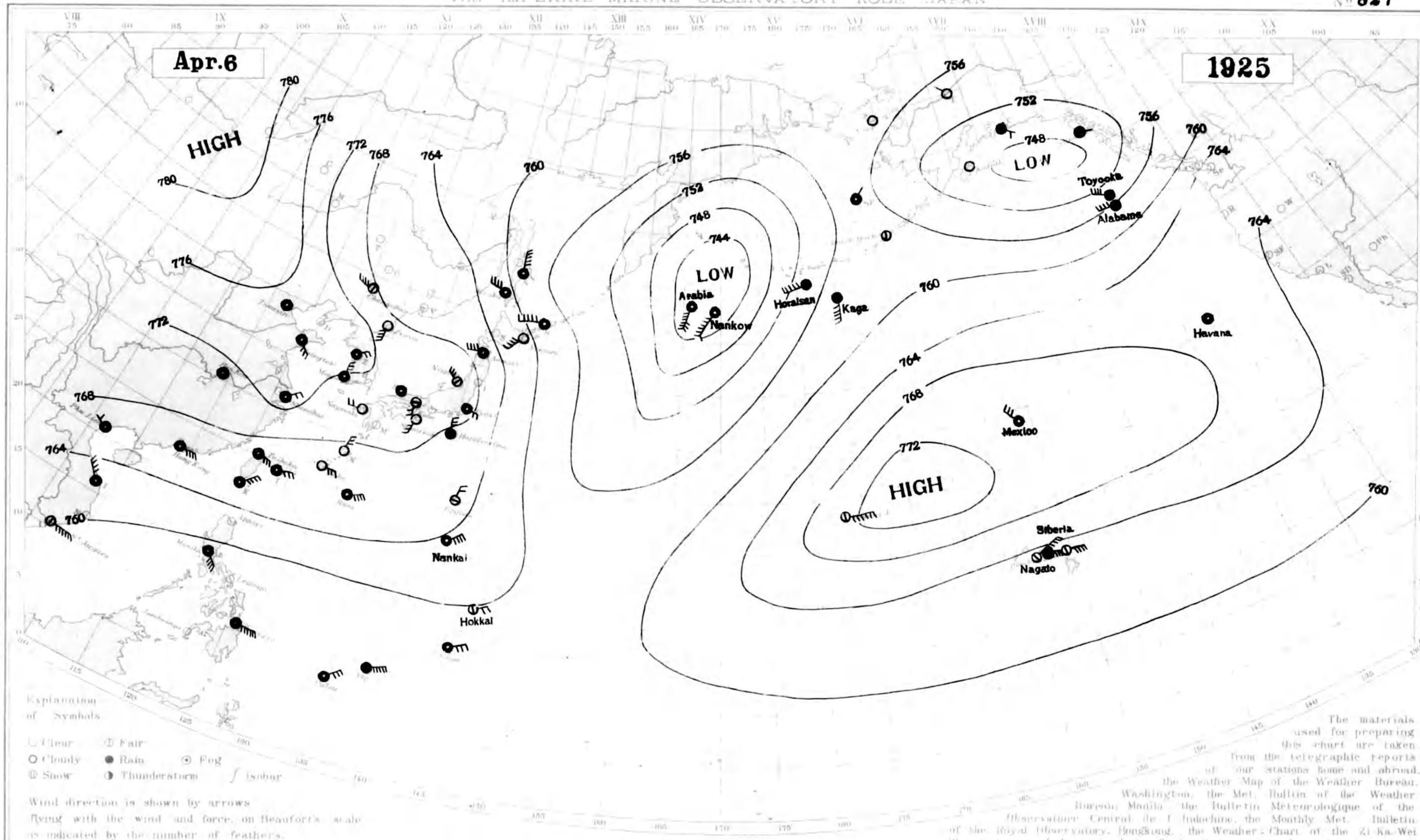
號六二八第

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(North of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 827



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 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, 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 123° 135 E	Naha 123° 135 E	Nagasaki 123° 135 E	Samsui 123° 135 E	Kobe 123° 135 E	Tyosui 123° 135 E	Haidyosima 123° 135 E	Tokuzima 123° 135 E	Nishino 123° 135 E	Aomori 123° 135 E	Nemuro 123° 135 E	Muska 123° 135 E	Moppo 123° 135 E	Zyosui 123° 135 E	Changchun 123° 135 E	Tientsin 123° 135 E	Tsingtau 123° 135 E
Hour of Observation																	
Atm. Pressure (Red to sea level and Sea level)	768.5	767.1	770.1	769.6	770.8	768.4	766.6	765.1	770.1	766.1	761.5	760.7	771.5	770.0	768.9	773.2	773.6
Air Temperature (in °C)	16.5	19.5	12.0	9.5	8.6	6.3	9.6	20.7	7.3	1.6	2.7	-1.8	8.7	4.6	5.2	8.3	6.3
Direction and Force of Winds (0-12)	E 4	E 3	W 2	SSW 3	S 2	ESE 2	N 3	NNE 2	NW 3	W 4	SW 4	WNW 4	N 3	S 4	WNW 4	- 1	ESE 3
Weather	cloudy	clear	clear	clear	fair	cloudy	rain	fair	fair	cloudy	cloudy	cloudy	cloudy	clear	fair	cloudy	cloudy
Station	Shanghai 123° 135 E	Hankow 123° 135 E	Kobe 123° 135 E	Peking 123° 135 E	Hongkong 143°	Manila 143°	Singapore 143°	Guam 143°	Yap 143°	Phil. Is. 143°	Cap. Jacques 143°	Honolulu 203°	Midway I. 173° 30'	Nano 203° 135 W	Sitka 203° 135 W	Dutch Harbor 203° 135 W	Kodiak 203° 135 W
Hour of Observation																	
Atm. Pressure (Red to sea level and Sea level)	772.2	770.5	765.6	758.4	764.9	761.1	759.5	-	759.0	766.9	761.2	763.5	771.6	756.9	748.8	756.4	749.8
Air Temperature (in °C)	7.1	8.5	22.1	29.5	14.	28.	30.	-	-	14.	28.	21.	19.	-10.	6.	3.	3.
Direction and Force of Winds (0-12)	NE 2	- 1	ESE 4	NE 3	E 4	SE 4	E 6	-	ENE 5	WNW 1	E 6	E 3	E 6	- 10.	E -	calm	calm
Weather	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	rain	cloudy	fair	rain	fair	clear	rain	fair	clear

日六廿月四年一

圖氣天洋平大北

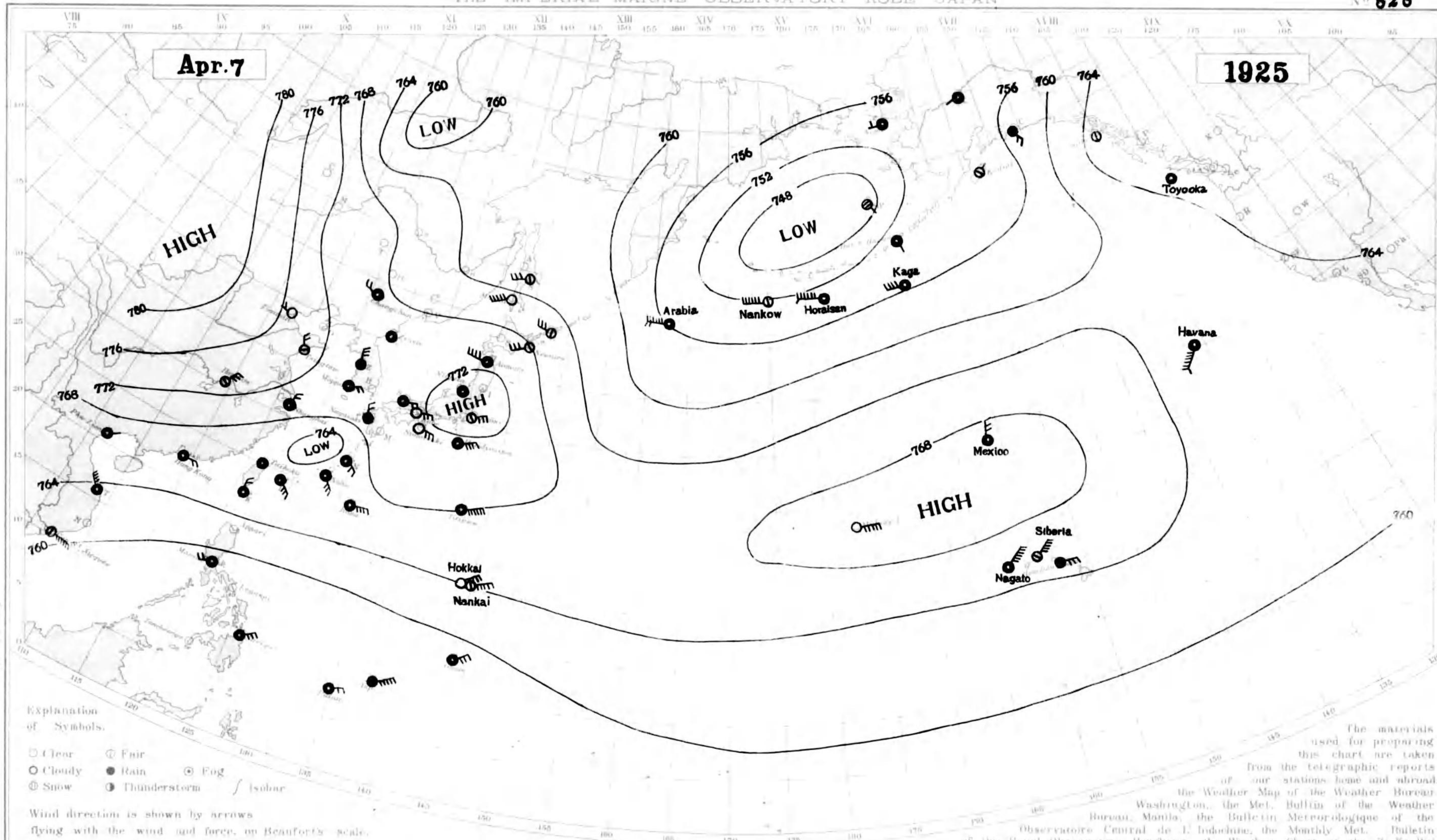
號七二八第

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 828



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 here 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 <sup>h</sup> , 135 <sup>o</sup> E	Naha 12 <sup>h</sup> , 135 <sup>o</sup> E	Nagasaki 12 <sup>h</sup> , 135 <sup>o</sup> E	Shimonaki 12 <sup>h</sup> , 135 <sup>o</sup> E	Kobe 12 <sup>h</sup> , 135 <sup>o</sup> E	Tyoso 12 <sup>h</sup> , 135 <sup>o</sup> E	Haidyosima 12 <sup>h</sup> , 135 <sup>o</sup> E	Tirizima 12 <sup>h</sup> , 135 <sup>o</sup> E	Nagato 12 <sup>h</sup> , 135 <sup>o</sup> E	Aomori 12 <sup>h</sup> , 135 <sup>o</sup> E	Nemuro 12 <sup>h</sup> , 135 <sup>o</sup> E	Mioka 12 <sup>h</sup> , 135 <sup>o</sup> E	Moppo 12 <sup>h</sup> , 135 <sup>o</sup> E	Zyusui 12 <sup>h</sup> , 135 <sup>o</sup> E	Chungchun 12 <sup>h</sup> , 135 <sup>o</sup> E	Tientsin 12 <sup>h</sup> , 135 <sup>o</sup> E	Tsingtau 12 <sup>h</sup> , 135 <sup>o</sup> E
Atm. Pressure (Red. to sea level and Std. Gr.)	766.6	766.5	768.3	771.0	771.5	773.0	771.6	767.9	773.1	771.7	768.2	764.7	769.4	770.2	768.1	771.6	773.7
Air Temperature (in C)	16.8	20.6	9.4	13.6	13.2	11.2	14.3	19.7	8.8	7.5	3.7	1.8	7.3	6.0	6.9	10.0	5.3
Direction and Force of Winds (0-12)	- 1	SE 3	N 2	ESE 3	E 3	ENE 3	ENE 4	ENE 6	calm	WNW 4	WSW 3	WSW 5	ESE 2	- 1	WNW 2	WNW 2	NNW 2
Weather	cloudy	cloudy	rain	clear	clear	clear	cloudy	cloudy	cloudy	cloudy	fair	clear	cloudy	cloudy	cloudy	fair	fair
Station Hour of Observation	Shanghai 12 <sup>h</sup> , 135 <sup>o</sup> E	Hankow 12 <sup>h</sup> , 135 <sup>o</sup> E	Rangoon 12 <sup>h</sup> , 135 <sup>o</sup> E	Palmyra 12 <sup>h</sup> , 135 <sup>o</sup> E	Hongkong 14 <sup>h</sup>	Manila 14 <sup>h</sup>	Sourabaya 14 <sup>h</sup>	Guam 14 <sup>h</sup>	Yap 14 <sup>h</sup>	Panama 10 <sup>h</sup>	San Francisco 10 <sup>h</sup>	Honolulu 20 <sup>h</sup>	Midway I. 03 : 30 <sup>h</sup>	Naha 20 <sup>h</sup> , 135 <sup>o</sup> W	Soko 20 <sup>h</sup> , 135 <sup>o</sup> W	Dutch Harbor 20 <sup>h</sup> , 135 <sup>o</sup> W	Kodiak 20 <sup>h</sup> , 135 <sup>o</sup> W
Atm. Pressure (Red. to sea level and Std. Gr.)	771.1	772.9	766.4	758.6	764.6	760.8	760.1	769.1	758.8	767.2	762.0	764.5	769.6	755.4	765.0	752.8	754.4
Air Temperature (in C)	10.1	10.8	22.4	27.5	17.	30.	31.	-	-	17.	23.	20.	17.	-12.	2.	3.	1.
Direction and Force of Winds (0-12)	ESE 2	ESE 3	E 4	ESE 2	E 2	WSW 2	ENE 3	NE 3	ENE 5	ENE -	E 6	E 3	E 5	W 1	calm	SE -	NE -
Weather	cloudy	fair	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	rain	cloudy	fair	rain	clear	cloudy	calm	cloudy	fair

日七廿月四年一四二一

圖氣天洋平大北

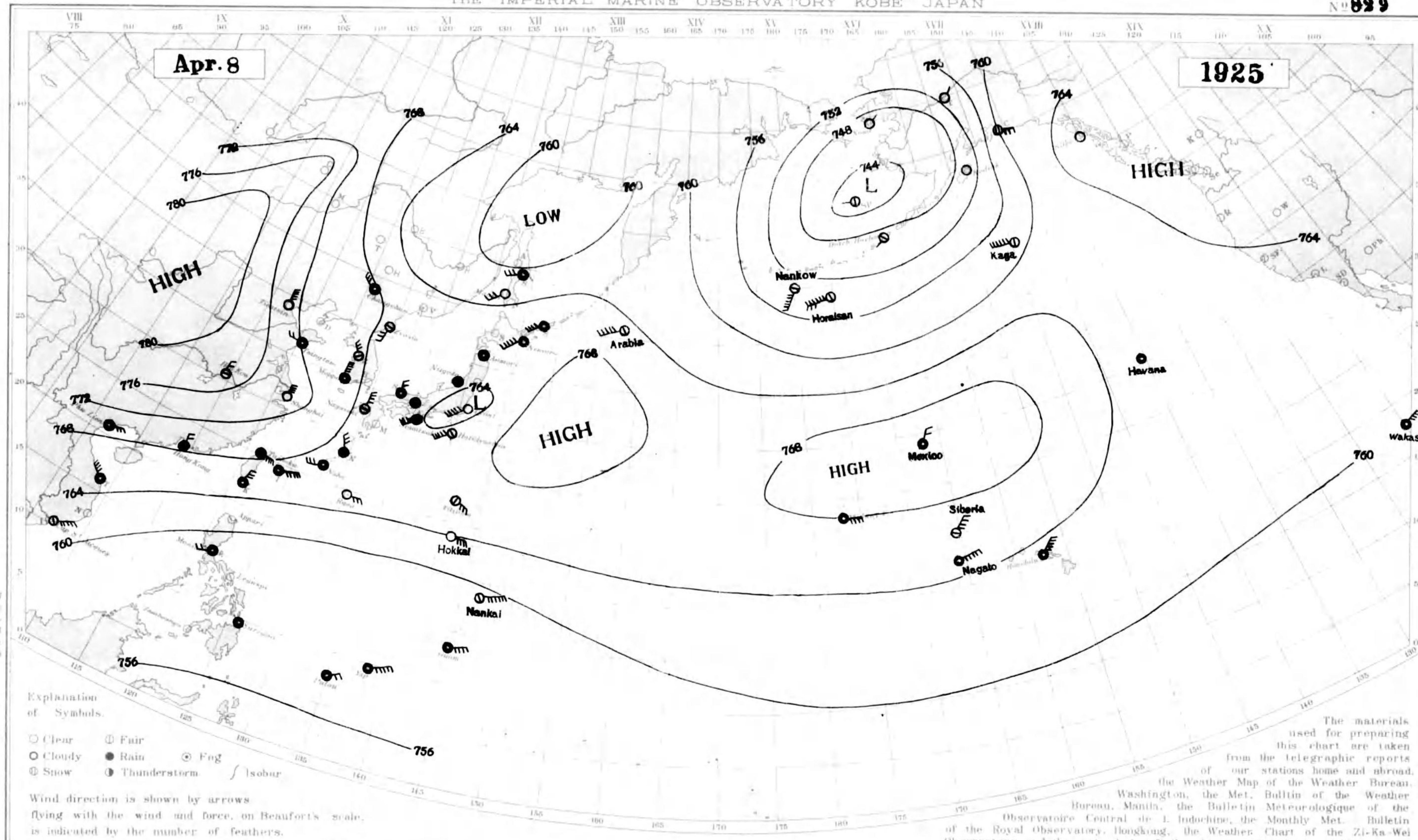
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# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No. 899



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 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.

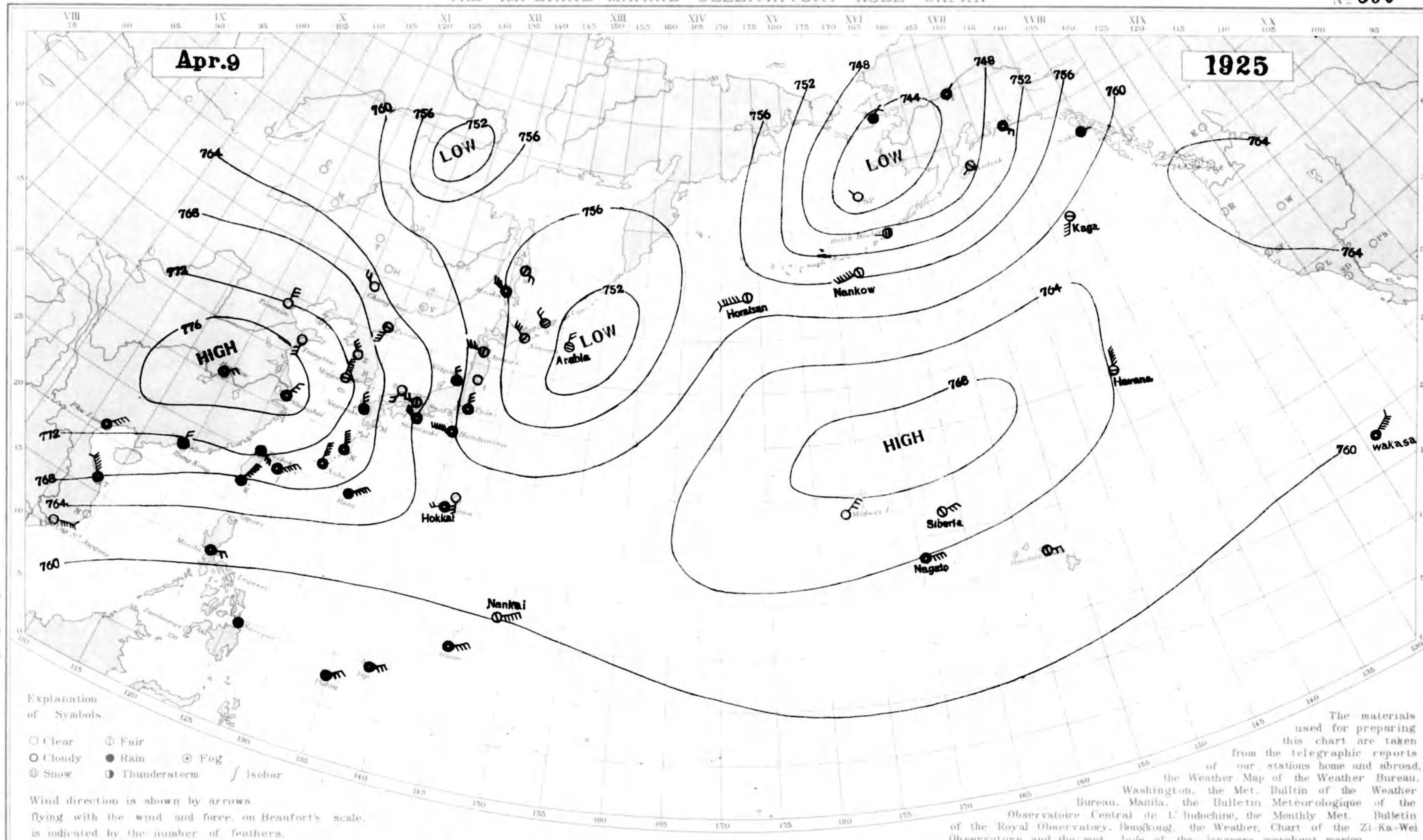
Station	Tsuhoku	Naha	Nagasaki	Suisunaki	Kobe	Tyosui	Hatidyosima	Tsuzima	Niigata	Aomori	Nomuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtan
Hour of Observation	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E
Atm. Pressure (Red to m.s.l. and Sea Gr.)	770.1	766.4	767.1	764.5	765.7	763.0	764.9	766.1	765.8	765.6	767.3	763.7	770.3	767.6	766.6	773.7	771.7
Air Temperature (in C)	15.4	21.7	12.0	13.5	9.0	15.8	18.2	22.3	8.7	7.3	3.0	2.9	9.0	7.5	5.9	9.2	11.5
Direction and Force of Winds (0-12)	E 4	WSW 3	N 4	SW 3	- 1	SW 5	SW 5	ESE 3	calm	calm	SW 5	SW 3	N 5	SSW 3	NW 3	N 4	W 2
Weather	rain	cloudy	fair	rain	rain	clear	fair	fair	rain	cloudy	cloudy	clear	cloudy	fair	cloudy	clear	cloudy
Station	Shanghai	Hankow	Hsiao	Palau	Hongkong	Manila	Surigao	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, 145E	14h, 145E	14h, 145E	14h, 145E	14h, 145E	10h, 150E	10h, 150E	20h, 155W	10:30h, 165W	20h, 135W	20h, 135W	20h, 135W	20h, 135W
Atm. Pressure (Red to m.s.l. and Sea Gr.)	773.9	777.4	765.6	767.4	768.8	760.8	760.3	766.1	766.3	770.7	762.0	762.5	766.0	747.8	765.0	748.8	748.3
Air Temperature (in C)	12.4	13.7	24.4	27.5	14.	31.	27.	-	-	15.	28.	21.	19.	- 6.	2.	1.	8.
Direction and Force of Winds (0-12)	N 4	N 2	E 3	ESE 2	N 2	WSW 2	calm	ESE 4	ESE 5	NNE 3	ESE 7	NE 5	E 4	NE -	calm	SW -	-
Weather	clear	fair	clear	cloudy	rain	cloudy	cloudy	cloudy	cloudy	cloudy	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 830



Explanation of Symbols.

- Clear
- ☁ Cloudy
- ⊖ Snow
- ⊙ Fair
- Rain
- ⊙ Fog
- ⊙ Thunderstorm
- Isohor

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.

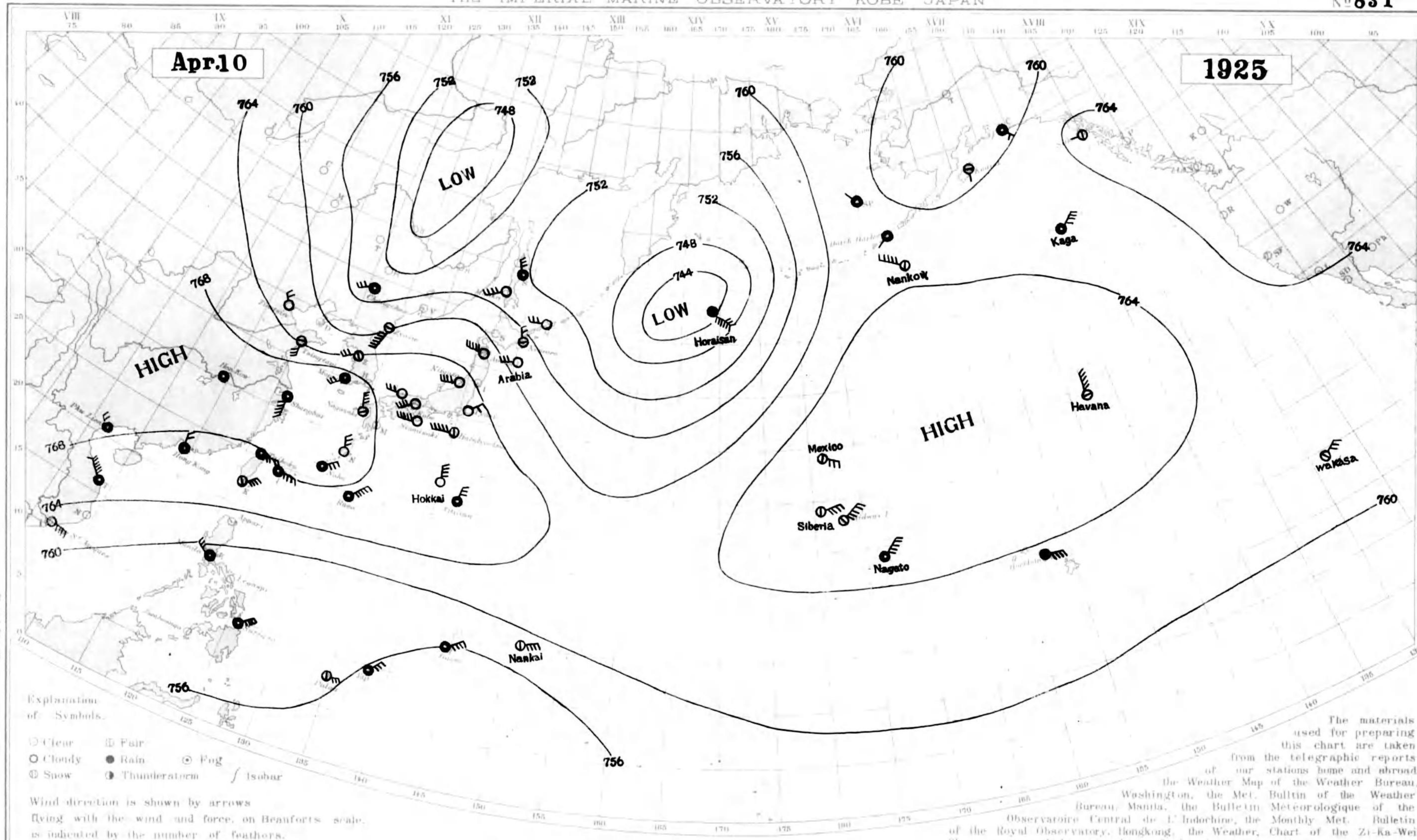
Station	Taihoku 12° 135 E	Naha 12° 135 E	Nagasaki 12° 135 E	Shimonoseki 12° 135 E	Kobe 12° 135 E	Tyoso 12° 135 E	Haridyosima 12° 135 E	Titi zima 12° 135 E	Niigata 12° 135 E	Aomori 12° 135 E	Nemuro 12° 135 E	Maoka 12° 135 E	Moppo 12° 135 E	Zyosin 12° 135 E	Changchun 12° 135 E	Tientsin 12° 135 E	Tsingtau 12° 135 E
Hour of Observation																	
Atm. Pressure (not reduced to 30 in. Hg)	773.3	770.3	769.4	763.8	765.6	759.8	760.6	762.3	763.8	759.4	755.5	756.0	772.4	764.5	765.4	772.0	774.6
Air Temperature (in C)	12.8	16.5	9.0	13.0	11.4	9.1	14.3	22.7	4.7	5.5	1.6	1.5	9.2	6.8	8.4	16.4	11.1
Direction and Force of Winds (0-12)	ESE 3	N 5	NNW 3	NW 3	W 2	N 3	W 6	S 3	WNW 2	WNW 3	NW 3	NW 3	N 5	SEW 4	NW 2	N 3	S 3
Weather	rain	cloudy	cloudy	cloudy	fair	cloudy	cloudy	clear	cloudy	fair	fair	cloudy	fair	fair	clear	clear	clear
Station	Shanghai 12° 135 E	Hankow 12° 135 E	Rasa 12° 135 E	Pelau 12° 135 E	Hongkong 14°	Manila 14°	Surigao 14°	Guam 14°	Yap 14°	Phi Lion 10°	Cap-S-Jarques 10°	Honolulu 20°	Midway I. 19° 30'	Nome 20° 135 W	Sitka 20° 135 W	Dutch Harbor 20° 135 W	Kodiak 20° 135 W
Hour of Observation																	
Atm. Pressure (not reduced to 30 in. Hg)	776.6	778.5	767.1	757.7	770.6	761.5	760.1	758.5	758.2	774.0	762.8	762.0	767.6	745.2	757.9	748.3	745.8
Air Temperature (in C)	12.4	13.0	19.9	27.5	16.	34.	28.	-	-	15.	28.	21.	19.	- 1.	7.	2.	2.
Direction and Force of Winds (0-12)	WNE 3	NE 2	NE 5	NE 3	N 2	ENE 2	calm	ENE 4	ENE 3	NE 4	ENE 7	E 2	NE 3	-	E -	W -	SW -
Weather	cloudy	cloudy	rain	cloudy	cloudy	cloudy	rain	cloudy	cloudy	cloudy	clear	fair	clear	cloudy	rain	snow	fair

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 831



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 12° 135 E	Naha 12° 135 E	Nagasaki 12° 135 E	Sumi-saki 12° 135 E	Kobe 12° 135 E	Tyosai 12° 135 E	Haidyosima 12° 135 E	Fuzuzima 12° 135 E	Niigata 12° 135 E	Aomori 12° 135 E	Nemuro 12° 135 E	Maoka 12° 135 E	Mopu 12° 135 E	Zyosin 12° 135 E	Changchun 12° 135 E	Tientsin 12° 135 E	Tsingtau 12° 135 E
Hour of Observation																	
Atm. Pressure (Reduction to sea level and Standard Gr.)	767.8	768.3	769.6	767.2	767.5	766.1	766.4	765.4	766.6	762.0	757.5	755.4	768.3	759.3	755.0	763.4	766.7
Air Temperature (in C°)	19.3	18.1	11.8	11.8	12.6	10.3	13.5	18.5	10.6	9.0	1.6	2.1	13.6	8.8	12.2	19.6	12.1
Direction and Force of Winds (0-12)	E 4	NE 3	NNW 4	W 5	SW 4	NE 2	W 5	NNE 3	W 4	WNW 5	NNW 2	WSW 4	SW 3	SSW 5	WSW 3	NW 2	S 3
Weather	cloudy	cloudy	fair	clear	clear	clear	fair	cloudy	clear	clear	fair	clear	cloudy	fair	cloudy	clear	fair
Station	Shanghai 12° 135 E	Hankow 12° 135 E	Russu 12° 135 E	Palau 12° 135 E	Hongkong 14°	Manila 14°	Surigao 14°	Guan 14°	Yap 14°	Phi Lien 10°	Cap. 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 (Reduction to sea level and Standard Gr.)	770.8	771.0	767.0	757.6	767.6	760.4	769.6	757.7	757.5	772.0	762.4	763.0	767.6	-	764.5	761.5	759.5
Air Temperature (in C°)	11.1	13.9	20.3	30.7	18.	31.	30.	-	-	15.	30.	22.	19.	-	3.	1.	3.
Direction and Force of Winds (0-12)	S 5	- 1	NE 5	E 5	N 2	WNW 3	NE 4	NE 4	NE 3	NW 2	E 4	E 4	NE 5	-	W -	SW -	S -
Weather	cloudy	cloudy	cloudy	fair	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	clear	rain	fair	-	fair	cloudy	fair

日一十月四年一四二一

圖氣天洋平大北

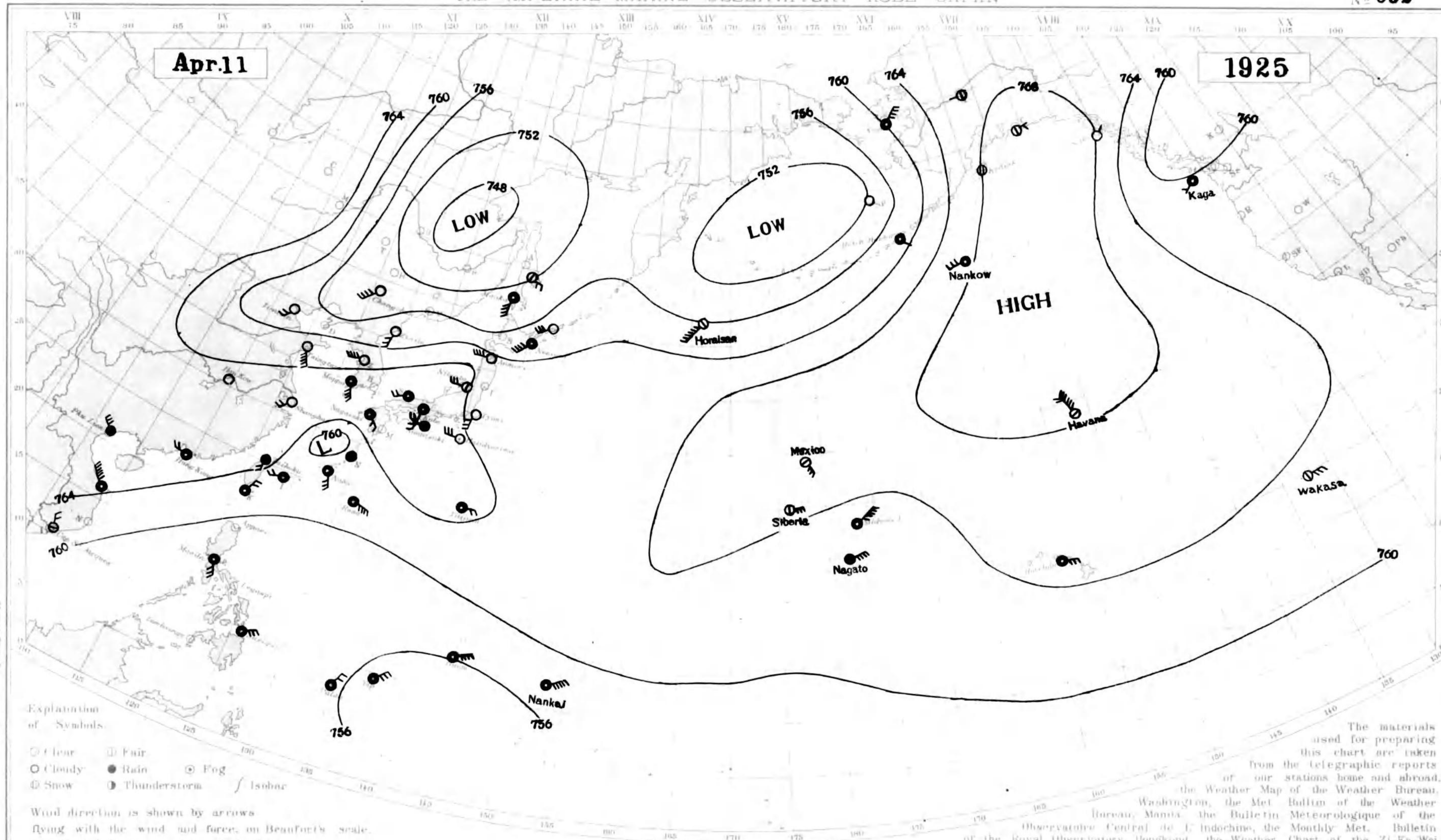
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# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Xnoon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 832



Explanation of Symbols.

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

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

The materials used for preparing this chart are taken from the telegraphic reports of our stations home and abroad, the Weather Map of the Weather Bureau, Washington, the Met Bulletin of the Weather Bureau, Manila, the Bulletin 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.

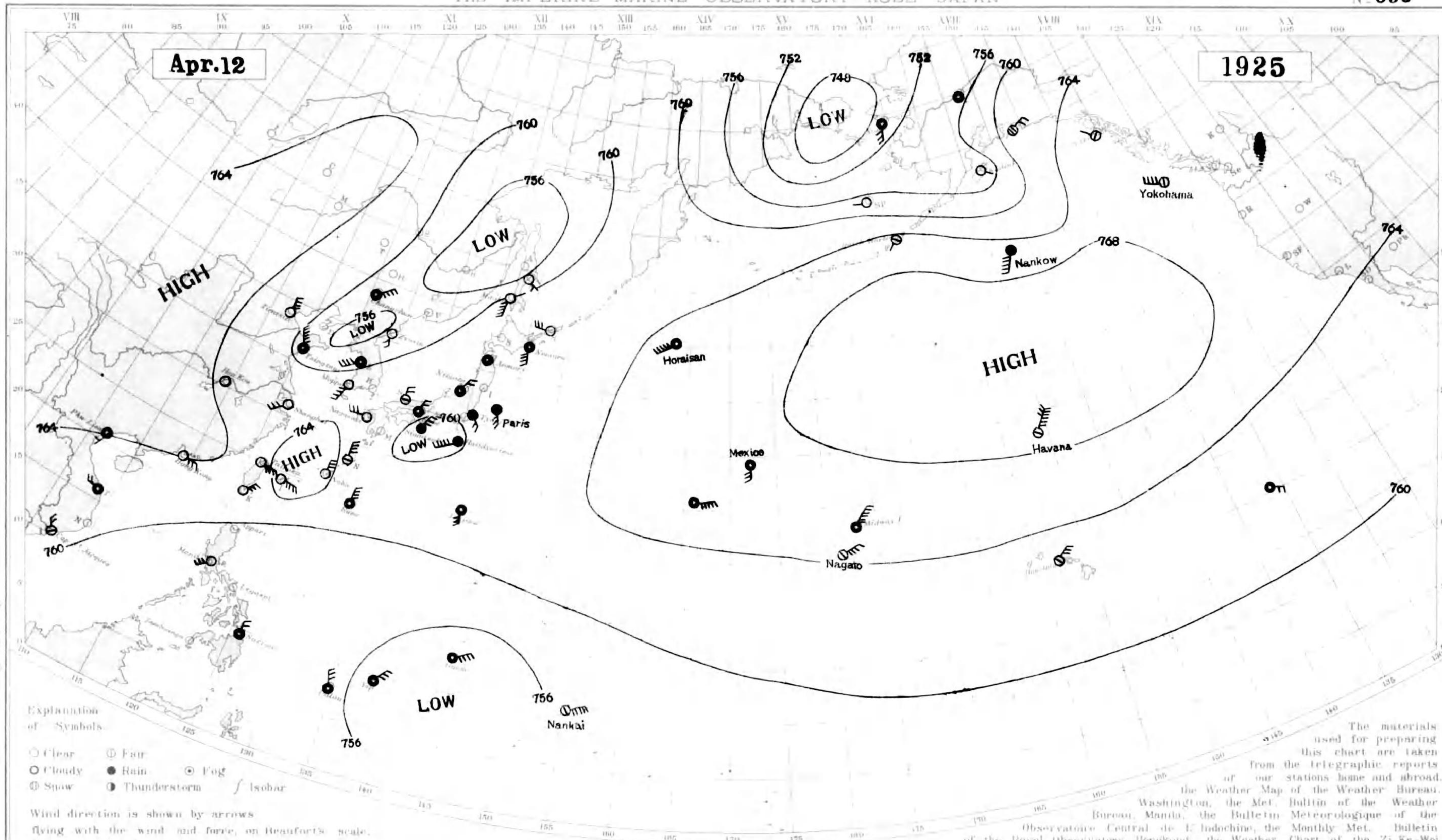
Station	Tsiboku	Naha	Nagasaki	Simsuaki	Kobe	Tyosa	Hanryosoma	Tsuzima	Niigata	Amuri	Nemuro	Muroka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <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 level and Std Gr)	766.0	763.1	765.1	765.5	765.1	763.5	766.4	765.3	764.2	761.1	759.1	754.5	764.5	756.1	752.6	757.4	760.2
Air Temperature (in C)	15.3	20.7	12.3	11.4	13.9	16.4	15.2	18.9	14.7	12.4	8.3	5.1	10.4	10.8	18.0	20.0	10.5
Direction and Force of Winds (0-12)	S 2	SSE 3	SE 2	WNW 2	SSW 2	SSW 3	W 3	E 2	W 3	W 4	SW 4	SSW 4	SSE 4	SSW 3	SW 4	SW 2	SSE 5
Weather	rain	cloudy	cloudy	rain	clear	clear	cloudy	cloudy	rain	clear	cloudy	cloudy	cloudy	clear	clear	clear	clear
Station	Shanghai	Hankow	Rasa	Peking	Hongkong	Manila	Sarigao	Guan	Yap	Phi-Lien	Cap St Jacques	Hondulu	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>	10 <sup>h</sup> - 20 <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 level and Std Gr)	765.2	766.7	763.2	756.9	765.5	759.4	758.9	757.6	756.9	760.2	762.6	764.5	766.1	760.0	768.0	759.5	768.0
Air Temperature (in C)	15.3	16.2	23.6	29.8	16.	31.	28.	-	-	13.	30.	22.	20.	- 8.	2.	-	4.
Direction and Force of Winds (0-12)	SW 2	- 1	ESE 4	WNE 2	W 2	SSE 3	ENE 3	ENE 4	NE 3	NW 3	NW 2	E 3	NE 5	- 8.	NE 4	SE -	calm
Weather	clear	clear	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	rain	fair	cloudy	cloudy	cloudy	clear	cloudy	fair

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(North of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 833



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 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.

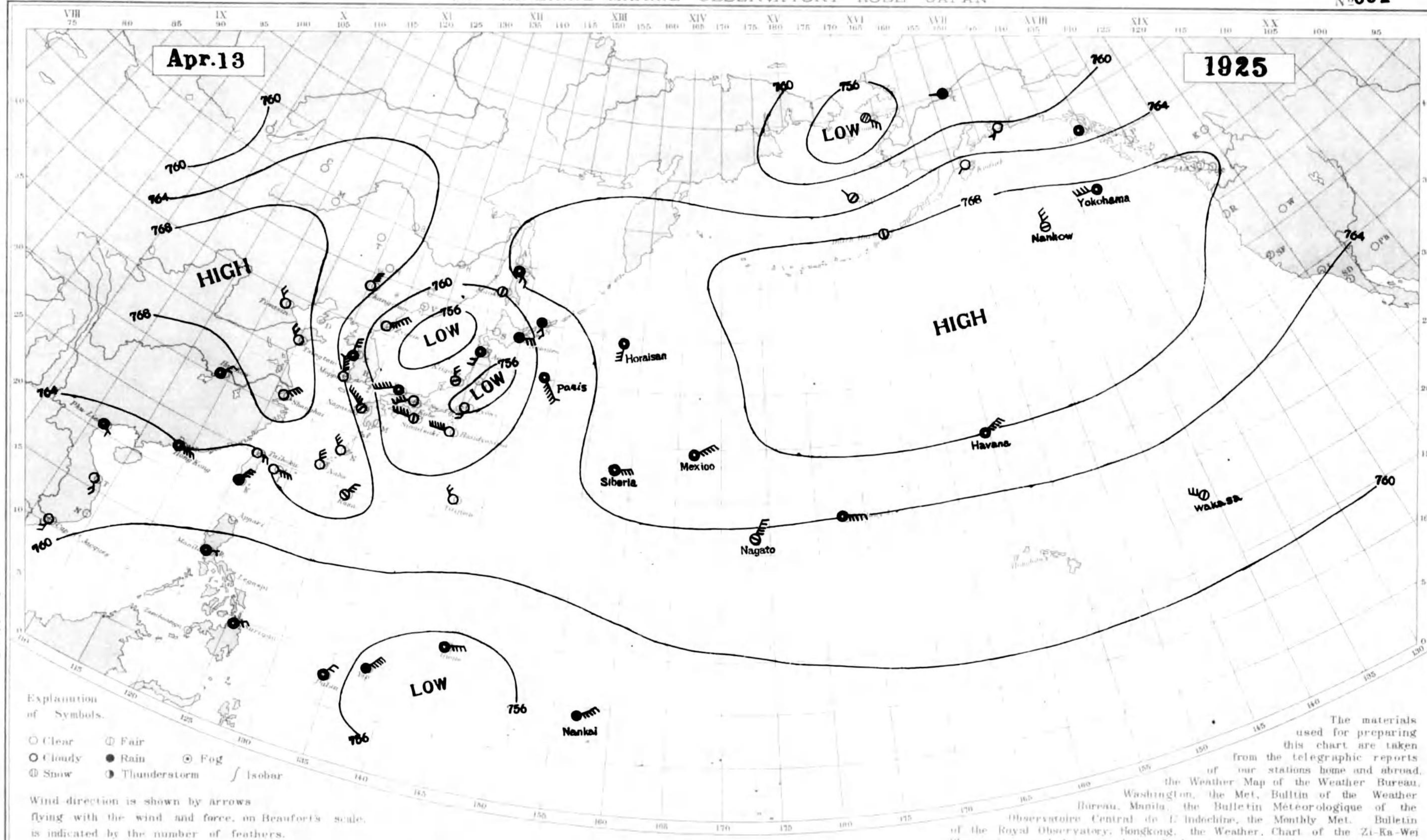
Station	Tokoku 12° 135E	Naha 12° 135E	Nagasaki 12° 135E	Sumiyoshi 12° 135E	Kobe 12° 135E	Tyosai 12° 135E	Hatidzushima 12° 135E	Tsuzushima 12° 135E	Nagato 12° 135E	Aomori 12° 135E	Nemuro 12° 135E	Maoka 12° 135E	Moppo 12° 135E	Zyosin 12° 135E	Chongchun 12° 135E	Tientsin 12° 135E	Tsingtau 12° 135E
Atm. Pressure (Red to sea level and 3290 ft.)	763.7	764.3	765.1	757.7	760.8	760.4	757.6	761.2	761.4	763.0	762.2	760.8	761.1	766.7	768.3	763.0	759.2
Air Temperature (in C)	22.0	20.0	13.0	14.0	10.8	13.6	16.0	22.3	12.8	10.4	7.1	7.6	17.2	8.4	4.4	13.8	15.6
Direction and Force of Winds (0-12)	E 4	N 3	W 3	NNE 3	NNE 2	SE 2	SW 5	S 3	NNE 2	calm	S 4	SSW 5	SSW 4	S 2	NE 4	N 4	NNW 6
Weather	clear	clear	clear	rain	cloudy	rain	rain	cloudy	cloudy	cloudy	cloudy	clear	clear	clear	cloudy	clear	clear
Station	Shanghai 12° 135E	Hankow 12° 135E	Rain 12° 135E	Peking 12° 135E	Hongkong 14°	Manila 14°	Surigao 14°	Guam 14°	Yap 14°	Phi Lien 14°	Cap St. Jacques 14°	Honolulu 20°	Midway I. 19° 30°	Nome 20° 135W	Sitka 20° 135W	Dutch Harbor 20° 135W	Kodiak 20° 135W
Atm. Pressure (Red to sea level and 3290 ft.)	762.1	763.5	762.5	756.7	764.0	759.5	759.0	761.8	766.6	766.5	762.8	763.5	764.5	748.8	765.0	764.5	754.4
Air Temperature (in C)	19.8	20.3	22.9	29.3	19	32	29	-	-	18	27	21	20	- 1	2	3	2
Direction and Force of Winds (0-12)	SW 3	- 1	N 4	NNW 3	E 3	WSW 3	N 2	ESE 4	NE 3	SSW 1	NW 2	NE 3	NE 6	S 3	NW -	SW -	SE -
Weather	clear	clear	cloudy	cloudy	clear	clear	cloudy	cloudy	cloudy	cloudy	fair	fair	cloudy	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. 834



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 12° 135 E	Naha 12° 135 E	Nagasaki 12° 135 E	Siomi-saki 12° 135 E	Kobe 12° 135 E	Tyosi 12° 135 E	Haidyosima 12° 135 E	Tsuzima 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
Atm. Pressure (Red to sea level and Std. Gr.)	763.5	765.8	763.1	758.2	757.4	755.7	758.6	762.0	757.0	757.1	757.7	760.0	764.2	757.7	764.8	769.8	769.2
Air Temperature (in C)	27.0	21.2	13.8	18.1	17.2	16.4	18.1	22.0	12.9	12.6	4.6	5.8	10.9	9.8	9.1	17.8	14.5
Direction and Force of Winds (0-12)	E 2	NW 3	NW 6	W 5	SW 4	SSW 2	W 6	NW 2	NNW 2	SSW 2	E 3	- 1	NNW 7	NE 6	NNE 4	NW 2	NW 2
Weather	clear	clear	fair	fair	clear	clear	clear	clear	fair	cloudy	rain	fair	clear	clear	clear	clear	clear
Station	Shanghai 12° 135 E	Hankow 12° 135 E	Rasa 12° 135 E	Pulau 12° 135 E	Hongkong 14°	Manila 14°	Surigao 14°	Guam 14°	Yap 14°	Phi-Lien 10°	Cap S. Jacques 10°	Honolulu 20°	Midway I. 19° 30°	Nome 20° 135 W	Sitka 20° 135 W	Dutch Harbor 20° 135 W	Kodiak 20° 135 W
Atm. Pressure (Red to sea level and Std. Gr.)	770.2	762.1	764.4	756.8	764.0	759.9	759.0	757.0	755.5	764.5	762.6	-	764.0	755.4	763.5	768.0	764.5
Air Temperature (in C)	14.6	20.0	21.9	29.8	21.	33.	27.	-	-	19.	31.	-	20.	- 1.	1.	4.	3.
Direction and Force of Winds (0-12)	NE 4	NE 2	NNE 3	NNE 2	E 4	ENE 1	ENE 2	ENE 4	NE 5	ESE 1	S 2	-	E 5	SE 3	calm	W -	SW -
Weather	clear	cloudy	fair	cloudy	cloudy	cloudy	cloudy	cloudy	rain	cloudy	clear	-	cloudy	snow	cloudy	fair	clear

日三一月四年四一正大

圖氣天洋平大北

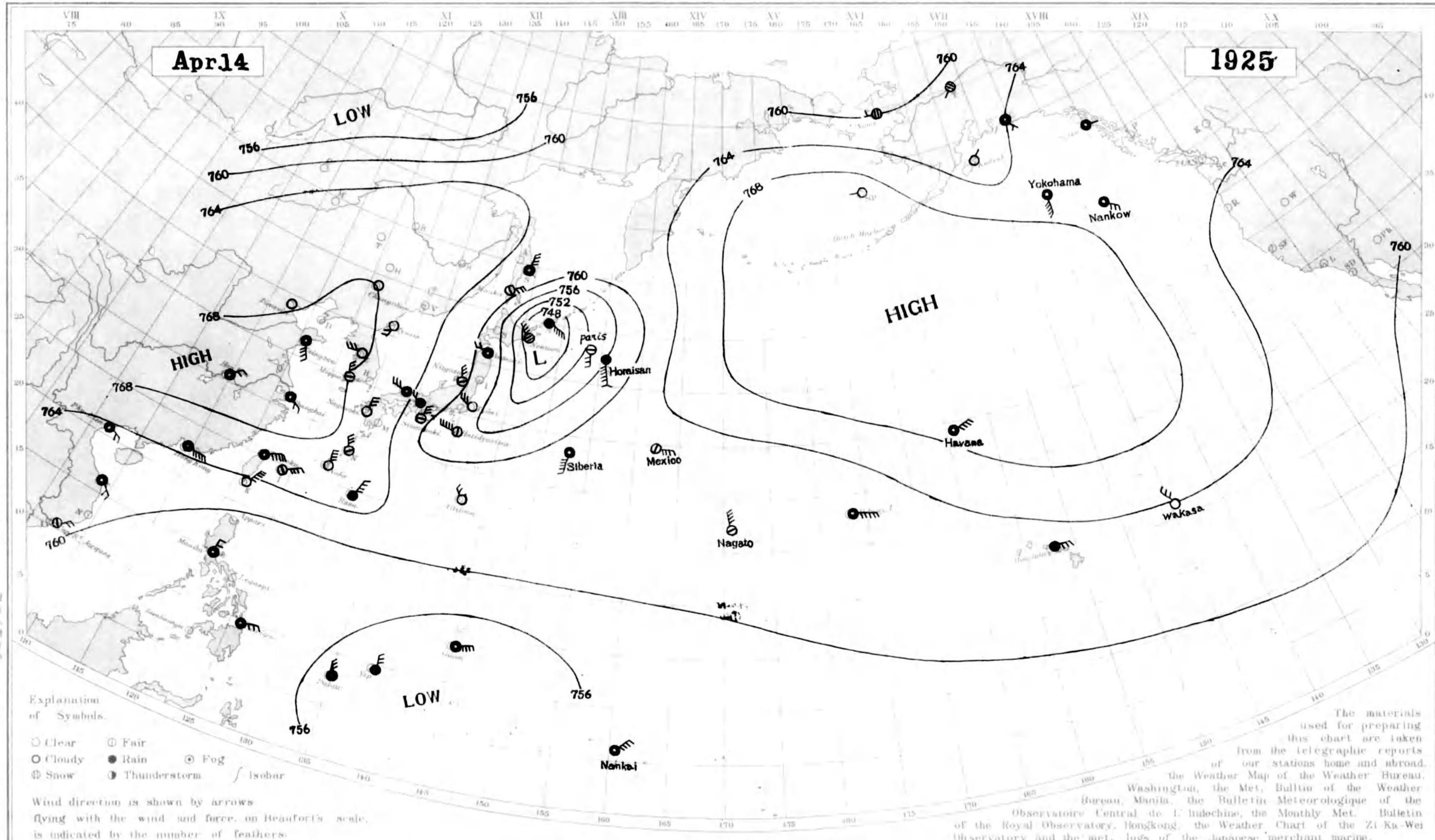
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# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 835



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	Tsuhoku	Naha	Nagasaki	Simsaki	Kobe	Tyosi	Hatidyosima	Totizima	Nagata	Aomori	Nemuro	Moaka	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 Stud Gr)	765.6	766.1	766.6	760.8	763.7	757.3	759.5	762.1	761.7	756.5	747.2	760.3	767.9	766.9	768.0	767.3	769.9
Air Temperature (in C)	20.7	19.8	15.0	16.6	12.2	16.2	16.8	21.5	11.1	9.4	1.2	4.7	12.2	9.6	13.5	19.0	14.6
Direction and Force of Winds (0-12)	ENE 5	N 4	N 3	N 3	WNW 2	WNW 3	W 5	NNW 3	NNW 3	W 2	NW 5	NE 4	NNW 3	SSW 2	- 1	- 1	SSE 4
Weather	cloudy	clear	clear	fair	rain	clear	fair	clear	fair	cloudy	snow	fair	fair	clear	clear	clear	cloudy

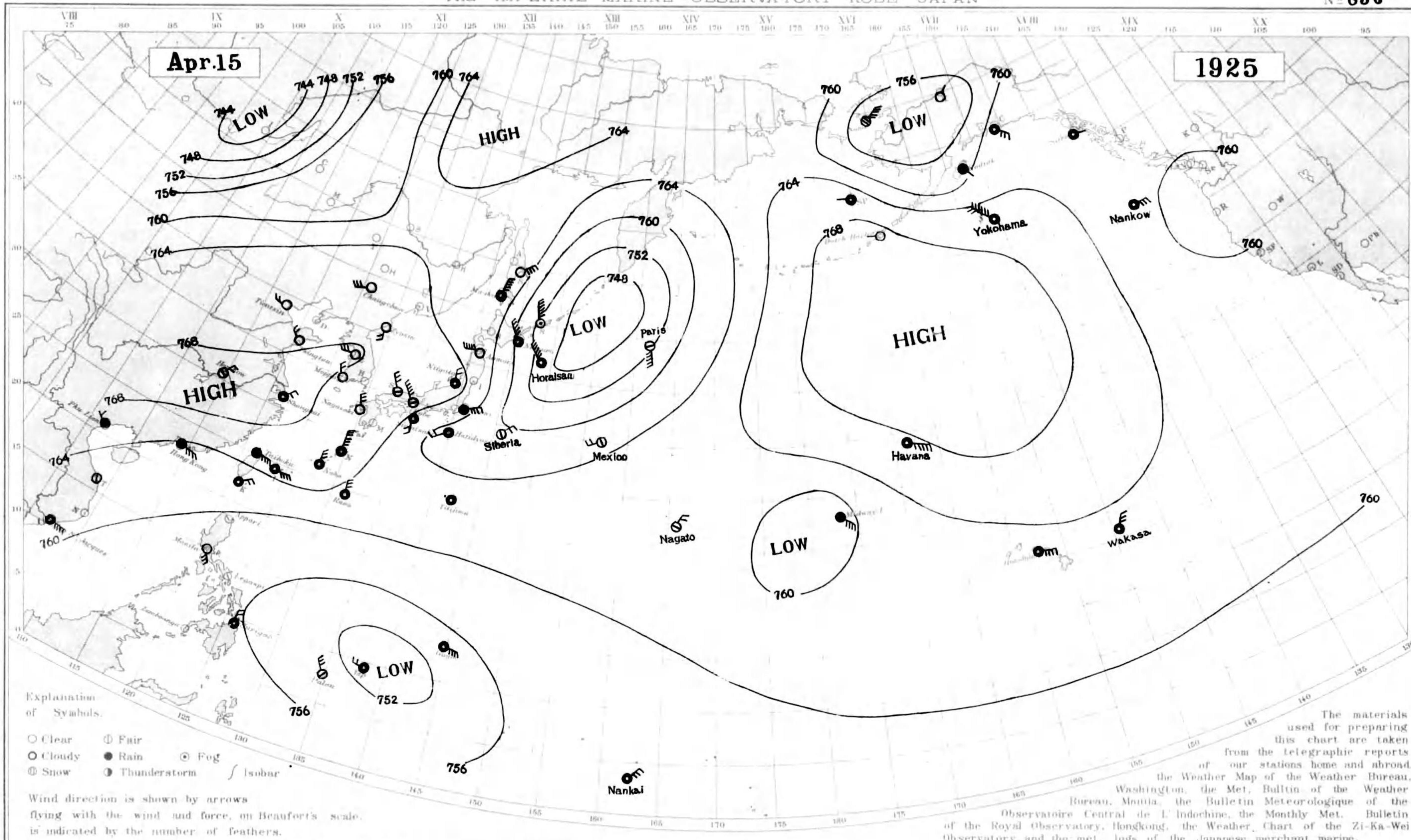
Station	Shanghai	Hankow	Rusan	Palau	Hongkong	Manila	Surigao	Buam	Yap	Phi Lien	Cape Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	12 <sup>h</sup> , 135 <sup>E</sup>	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>	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 Stud Gr)	769.0	770.4	764.9	755.5	764.5	759.0	758.4	756.5	755.3	764.1	761.8	763.5	762.0	760.0	767.6	-	761.0
Air Temperature (in C)	14.2	13.8	21.9	29.4	19.	32.	31.	-	-	22.	30.	24.	20.	0.	2.	-	2.
Direction and Force of Winds (0-12)	ESE 2	NE 2	NNE 4	NNW 3	E 5	N 2	ENE 3	E 4	N 3	ESE 2	ENE 2	E 3	E 5	W 1	E -	-	NE -
Weather	cloudy	cloudy	rain	cloudy	cloudy	cloudy	cloudy	cloudy	rain	cloudy	fair	rain	cloudy	snow	cloudy	-	-

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 836



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.

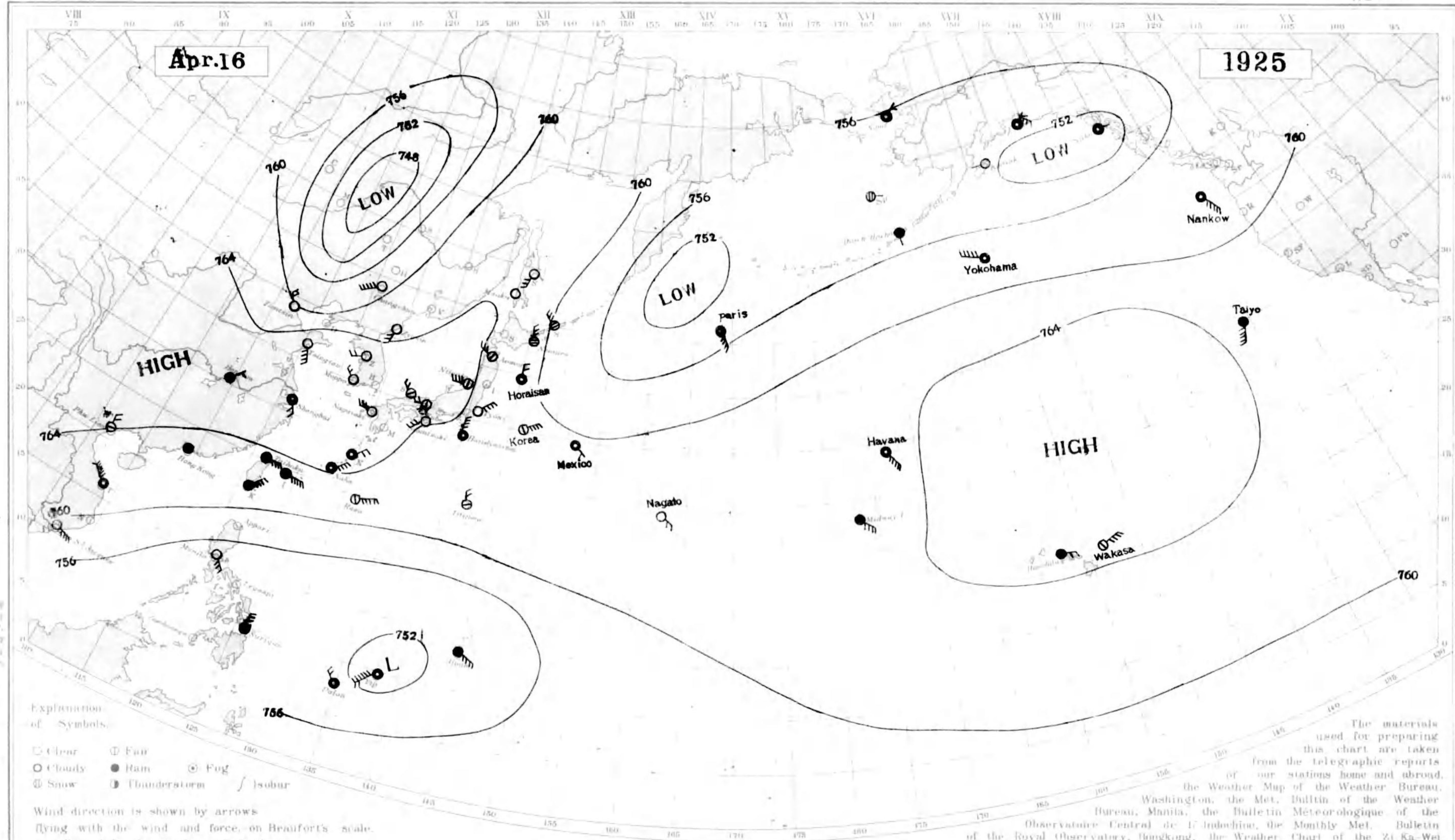
Station	Tsukuba	Naha	Nagasaki	Simsaki	Kobe	Tyosui	Hatidyosima	Tiuzina	Niigata	Aomori	Nemuro	Mooka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 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)	766.1	765.0	766.0	761.3	764.1	761.3	760.4	761.1	764.6	762.2	766.2	763.0	767.7	766.0	764.4	766.8	767.7
Air Temperature (in C)	14.6	19.3	15.2	15.4	18.6	11.2	15.2	19.1	9.3	9.2	1.0	3.9	14.5	12.0	17.9	20.0	18.1
Direction and Force of Winds (0-12)	E 4	N 3	NNW 3	S 2	NW 5	ENE 4	SW 2	- 1	N 2	W 4	NW 5	NNE 5	NNW 2	S 2	WSW 3	W 2	NW 2
Weather	rain	cloudy	clear	cloudy	fair	rain	cloudy	cloudy	cloudy	clear	cloudy	cloudy	clear	clear	clear	clear	clear
Station	Shanghai	Hankow	Raso	Palau	Hongkong	Manila	Surigao	Guam	Yap	Phi-Lien	Cap St Jacques	Honolulu	Midway I.	Nom	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> , 35 <sup>h</sup> W	20 <sup>h</sup> , 35 <sup>h</sup> W	20 <sup>h</sup> , 35 <sup>h</sup> W	20 <sup>h</sup> , 35 <sup>h</sup> W
Atm. Pressure (Red. to sea level and Std Gr)	769.7	770.7	763.4	754.6	763.7	758.3	757.5	756.0	762.6	766.3	761.7	763.0	769.5	754.9	761.5	769.6	757.4
Air Temperature (in C)	16.8	16.4	22.3	29.6	16.	33.	28.	-	-	17.1	28.	21.	20.	- 4.	3.	4.	1.
Direction and Force of Winds (0-12)	NE 2	NE 2	N 3	NW 3	E 4	SSE 3	N 2	ESE 4	W 2	NW 1	E 4	E 4	SE 4	-	E 5	W -	SE -
Weather	cloudy	fair	cloudy	fair	rain	clear	cloudy	cloudy	cloudy	rain	cloudy	cloudy	rain	snow	cloudy	clear	rain



# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No. 837



Explanation of Symbols:

- ☉ Clear
- ☁ Cloudy
- ☂ 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 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° 135E	Naha 12° 135E	Nagasaki 12° 135E	Somaki 12° 135E	Kobe 12° 135E	Tyosai 12° 135E	Hatodiyosima 12° 135E	Titizima 12° 135E	Nagata 12° 135E	Aomori 12° 135E	Nemuro 12° 135E	Maoka 12° 135E	Mopu 12° 135E	Zyosin 12° 135E	Changchun 12° 135E	Tientsin 12° 135E	Tsingtau 12° 135E
Hour of Observation																	
Atm. Pressure (not reduced to Sea Level)	763.9	764.7	766.8	764.0	765.2	762.6	761.7	761.8	765.6	763.0	760.9	763.7	767.2	763.5	767.9	760.3	764.8
Air Temperature (in C)	16.8	19.0	12.5	14.3	13.6	11.8	13.9	20.3	10.6	10.0	0.3	4.9	17.6	12.1	19.9	23.9	16.6
Direction and Force of Winds (0-12)	E 4	NE 4	WNW 3	SW 3	W 2	NE 4	N 4	WNW 2	W 4	WNW 3	NNW 3	- 1	NW 2	SSW 3	SW 5	NW 2	SSE 4
Weather	rain	cloudy	clear	clear	fair	clear	cloudy	fair	fair	fair	snow	clear	clear	clear	clear	clear	clear

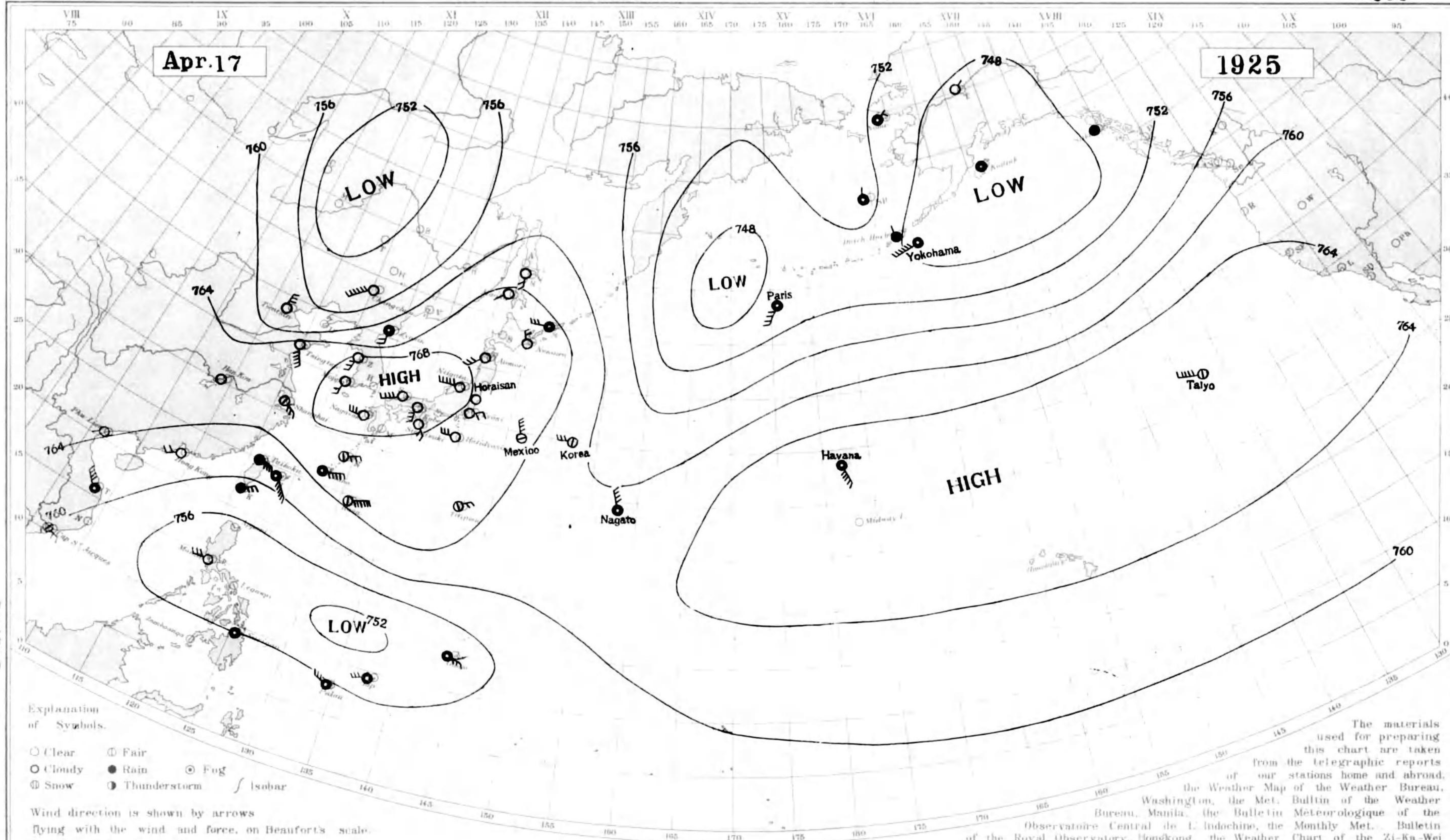
Station	Shanghai 12° 135E	Hankow 12° 135E	Kusan 12° 135E	Palau 12° 135E	Hongkong 14°	Manila 14°	Surigao 14°	Guam 14°	Yap 14°	Pbu Lien 10°	Cap St. Jacques 10°	Hondohi 20°	Midway I 10°-30°	Nome 20° 135W	Sikok 20° 135W	Dutch Harbor 20° 135W	Kodiak 20° 135W
Hour of Observation																	
Atm. Pressure (not reduced to Sea Level)	767.2	767.3	762.9	754.7	763.1	756.9	757.2	755.7	752.5	765.6	760.4	764.5	762.0	755.9	751.8	754.9	752.3
Air Temperature (in C)	19.5	20.0	22.4	27.3	16.	33.	28.	-	-	22.	28.	19.	20.	- 2.	8.	3.	1.
Direction and Force of Winds (0-12)	ENE 2	NE 1	ENE 5	NW 2	calm	SE 3	N 3	ESE 4	SW 8	N 2	E 4	E 2	SE 4	NE 1	E -	S -	W -
Weather	cloudy	cloudy	fair	cloudy	rain	clear	cloudy	rain	cloudy	clear	clear	rain	rain	cloudy	cloudy	rain	clear

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

N<sup>o</sup> 838



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 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.

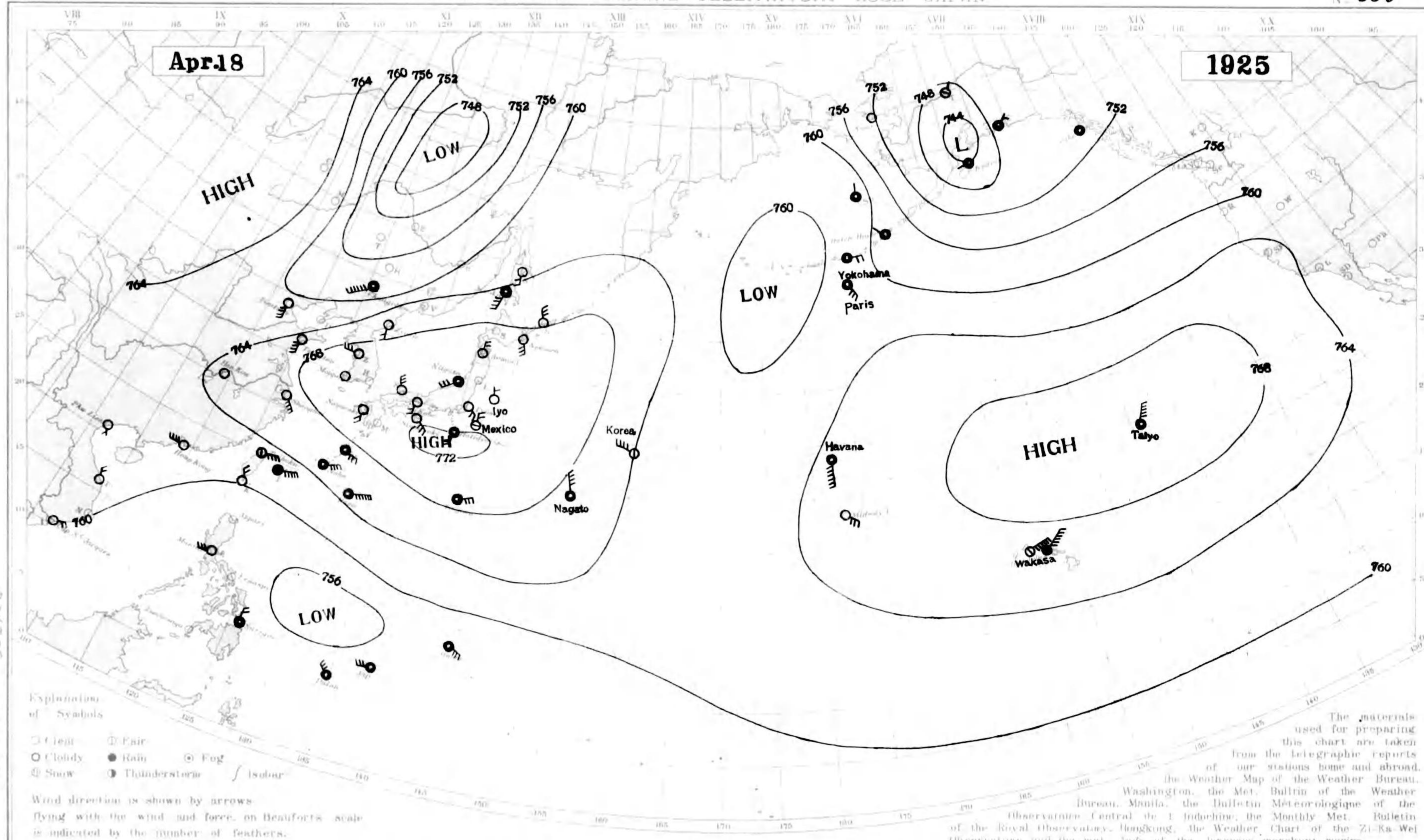
Station	Tsukuba	Naha	Nagasaki	Siomi saki	Kobe	Tyosa	Hatidyosima	Titi zima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 135 E	12 <sup>h</sup> , 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. Gr.)	760.3	765.5	769.0	769.8	769.2	767.7	767.9	764.7	769.6	766.6	765.5	765.5	768.3	763.3	754.4	758.9	764.5
Air Temperature (in C)	18.6	20.8	18.6	15.6	15.4	13.2	16.8	20.4	15.4	11.4	2.2	4.2	18.3	10.0	20.8	19.0	11.3
Direction and Force of Winds (0-12)	E 4	ENE 5	W 3	SE 2	S 3	ENE 2	W 3	NE 2	W 5	SW 3	WNW 2	SW 3	SSW 2	S 2	SW 6	N 3	SSE 5
Weather	rain	cloudy	clear	clear	clear	clear	clear	fair	clear	clear	clear	clear	clear	cloudy	clear	clear	clear
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 <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 Std. Gr.)	766.4	765.0	764.5	756.1	761.3	757.2	757.4	756.9	755.5	765.6	761.0	-	-	748.8	749.3	748.3	746.2
Air Temperature (in C)	18.5	19.5	21.4	30.8	22.	33.	28.	-	-	22.	30.	-	-	-2.	6.	2.	1.
Direction and Force of Winds (0-12)	ESE 3	- 1	ENE 6	WNW 3	WSW 2	W 3	calm	ESE 3	WSW 3	WSW -	E 2	-	-	NE 1	calm	N -	calm
Weather	fair	clear	fair	cloudy	clear	clear	cloudy	cloudy	cloudy	clear	fair	-	-	cloudy	rain	rain	cloudy

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the Meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 839



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	Dutoku 12° 135 E	Naha 12° 135 E	Nagasaki 12° 135 E	Simsaki 12° 135 E	Kobe 12° 135 E	Tyosa 12° 135 E	Hatidysma 12° 135 E	Tiuzina 12° 135 E	Niigata 12° 135 E	Aomori 12° 135 E	Nemuro 12° 135 E	Mouka 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 Std. Gr.)	761.4	765.7	770.7	771.9	771.7	771.5	772.0	768.9	771.6	770.3	768.8	766.6	770.3	765.3	757.1	761.2	767.4
Air Temperature (in C)	24.4	19.6	20.1	17.3	18.2	15.6	18.9	20.1	17.7	12.4	10.4	5.1	19.4	9.2	22.8	25.4	13.0
Direction and Force of Winds (0-12)	E 4	ENE 4	S 2	SE 3	SSW 2	SE 2	SSW 2	ENE 3	SW 3	NNE 2	SSE 3	SSW 4	- 1	S 2	SW 6	S 4	S 4
Weather	fair	cloudy	clear	clear	clear	clear	cloudy	cloudy	cloudy	clear	clear	cloudy	clear	clear	cloudy	clear	clear

Station	Shanghai 12° 135 E	Hankow 12° 135 E	Rosa 12° 135 E	Paiou 12° 135 E	Hongkong 14°	Manila 14°	Singao 14°	Guam 14°	Yap 14°	Phi Lien 14°	Cap-S-Jacques 10°	Honolulu 20°	Midway I. 13° 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 Std. Gr.)	766.8	764.6	764.2	757.5	762.2	758.0	758.4	758.3	758.0	764.6	762.0	766.1	764.5	762.3	750.3	760.9	744.7
Air Temperature (in C)	21.4	21.7	24.4	30.4	21.	32.	30.	-	32.	24.	28.	21.	22.	- 8.	2.	1.	0.
Direction and Force of Winds (0-12)	SE 4	- 1	ENE 6	NW 3	W 4	W 3	N 2	ENE 3	WSW 3	SSE 1	ENE 2	NE 6	SE 3	- 8.	calm	NW -	W -
Weather	clear	clear	cloudy	cloudy	clear	clear	cloudy	cloudy	cloudy	clear	cloudy	rain	clear	clear	cloudy	cloudy	cloudy

日八一月四年四一正

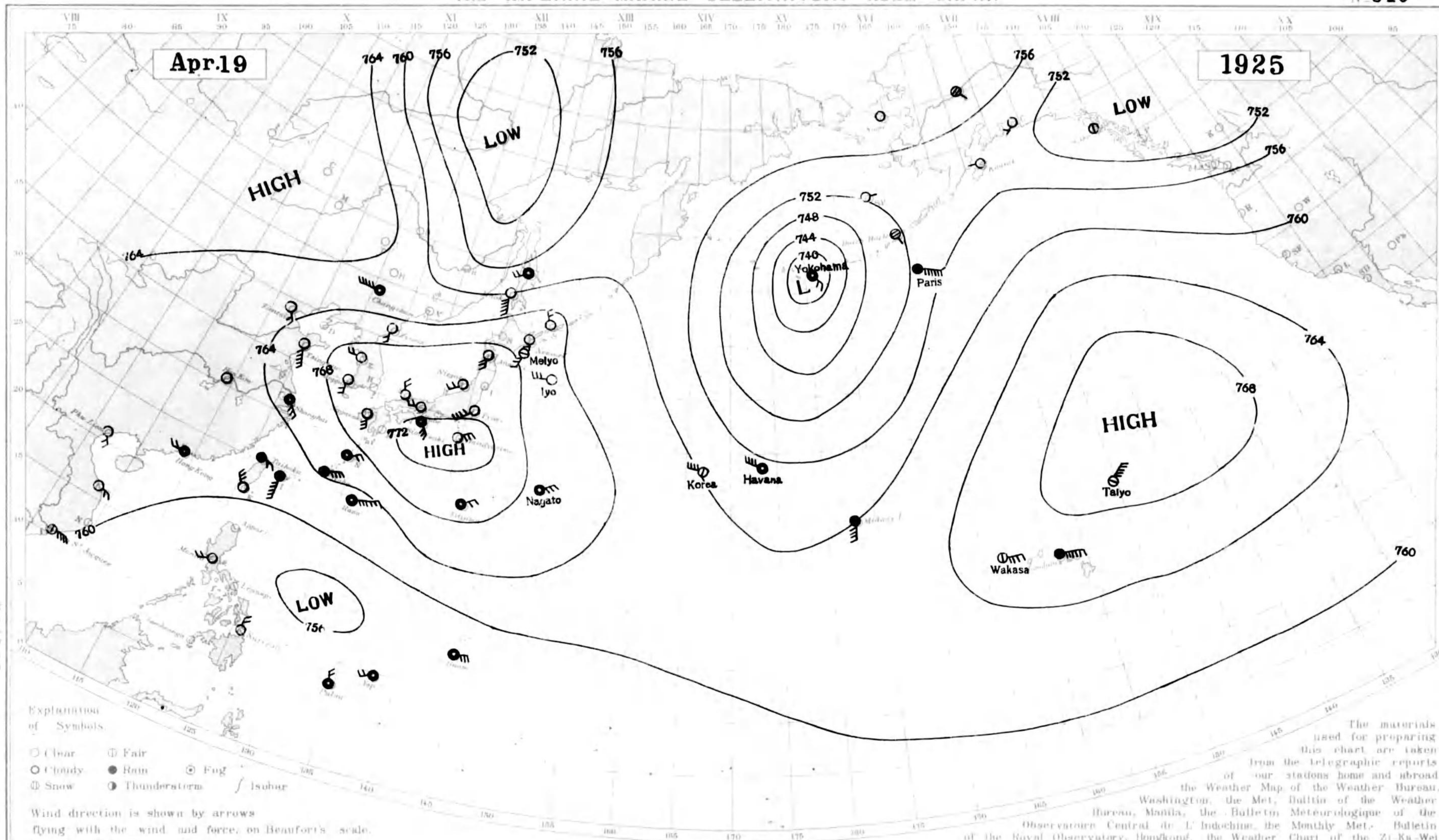
圖氣天洋平大北

號九三八第

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No. 840



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 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.

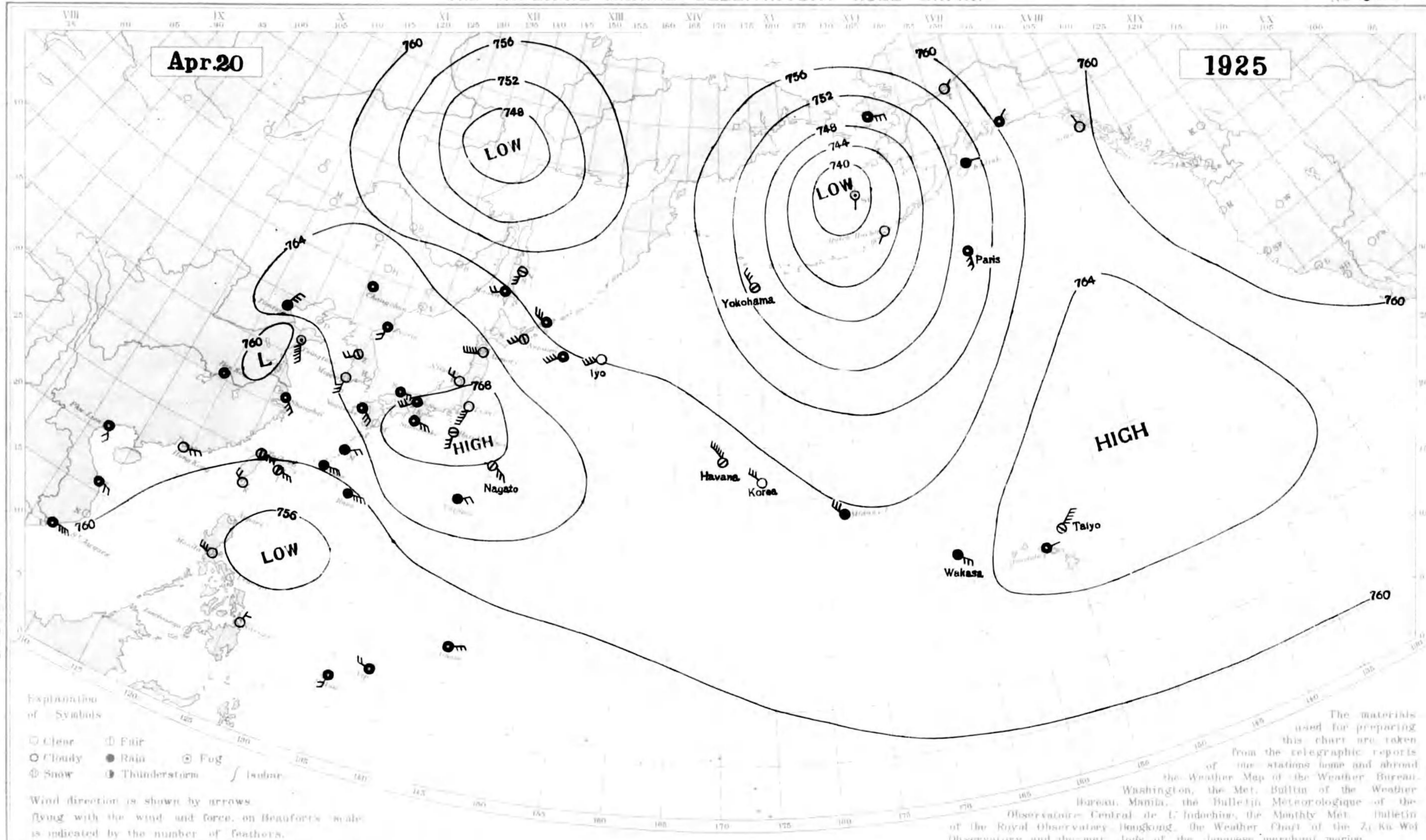
Station Hour of Observation	Tsukuba 12 <sup>h</sup> , 135°E	Naha 12 <sup>h</sup> , 135°E	Nagasaki 12 <sup>h</sup> , 135°E	Suisunuki 12 <sup>h</sup> , 135°E	Kobe 12 <sup>h</sup> , 135°E	Tyosai 12 <sup>h</sup> , 135°E	Hatidyosima 12 <sup>h</sup> , 135°E	Tsuzima 12 <sup>h</sup> , 135°E	Niigata 12 <sup>h</sup> , 135°E	Aomori 12 <sup>h</sup> , 135°E	Nemuro 12 <sup>h</sup> , 135°E	Muoka 12 <sup>h</sup> , 135°E	Moppo 12 <sup>h</sup> , 135°E	Zyosin 12 <sup>h</sup> , 135°E	Changchun 12 <sup>h</sup> , 135°E	Tientsin 12 <sup>h</sup> , 135°E	Tsingtau 12 <sup>h</sup> , 135°E
Atm. Pressure (Red on m.s.l. and Std Gr.)	761.2	764.1	770.1	772.2	771.8	771.3	772.4	768.4	770.6	768.4	765.5	760.9	769.4	765.8	762.1	763.0	767.1
Air Temperature (in C)	21.8	19.4	19.3	18.6	21.0	18.0	18.2	18.5	20.6	19.2	12.0	9.0	20.5	10.0	18.3	23.3	13.6
Direction and Force of Winds (0-12)	E 2	ENE 4	SSE 3	SE 3	W 2	SW 4	NE 3	NE 2	SW 2	SSW 3	S 2	S 5	S 2	S 2	W 5	SE 2	SSE 5
Weather	rain	rain	clear	cloudy	clear	clear	clear	cloudy	clear	clear	clear	fair	clear	clear	cloudy	clear	clear
Station Hour of Observation	Shanghai 12 <sup>h</sup> , 135°E	Hankow 12 <sup>h</sup> , 135°E	Rusa 12 <sup>h</sup> , 135°E	Pelou 12 <sup>h</sup> , 135°E	Hongkong 14 <sup>h</sup>	Manila 14 <sup>h</sup>	Surigao 14 <sup>h</sup>	Giam 14 <sup>h</sup>	Yap 14 <sup>h</sup>	Phu-Lien 10 <sup>h</sup>	Cap-S-Jacques 10 <sup>h</sup>	Honolulu 20 <sup>h</sup>	Midway I. 10:30 <sup>h</sup>	Nome 20 <sup>h</sup> , 135°W	Sitka 20 <sup>h</sup> , 135°W	Dutch Harbor 20 <sup>h</sup> , 135°W	Kodiak 20 <sup>h</sup> , 135°W
Atm. Pressure (Red on m.s.l. and Std Gr.)	766.2	763.4	763.0	758.5	762.8	756.3	758.5	758.5	758.6	765.0	762.5	765.0	760.0	759.5	750.8	751.8	755.4
Air Temperature (in C)	21.1	25.4	24.0	29.5	24.	33.	31.	-	-	23.	28.	20.	22.	-10.	4.	0.	3.
Direction and Force of Winds (0-12)	SE 3	- 1	ENE 6	ENE 2	W 2	WSW 2	N 2	E 3	WSW 2	SSE 2	E 4	E 6	S 4	- 0.	calm	SE -	W -
Weather	cloudy	clear	cloudy	cloudy	cloudy	clear	clear	cloudy	cloudy	clear	fair	rain	rain	clear	fair	snow	clear

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 841



Explanation of Symbols

- ☉ Clear
- ☁ Cloudy
- ☂ Rain
- ☁☂ Fog
- ☄ Thunderstorm
- Isotherm

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	Tsukuba 120° 135 E	Naha 125° 135 E	Nagasaki 129° 135 E	Suisan 129° 135 E	Kobe 129° 135 E	Tyosa 129° 135 E	Hatidyosima 129° 135 E	Tsuzima 129° 135 E	Niigata 129° 135 E	Aomori 129° 135 E	Nomuro 129° 135 E	Mooka 129° 135 E	Moppo 129° 135 E	Zyosin 129° 135 E	Changchun 129° 135 E	Tientsin 129° 135 E	Tsingtau 129° 135 E
Hour of Observation																	
Air Pressure (not reduced to sea level)	760.4	760.4	766.2	768.8	768.2	768.4	769.3	765.0	767.8	764.5	768.4	760.2	764.9	766.4	766.6	764.7	761.5
Air Temperature (in C)	25.6	20.8	16.6	17.2	19.3	19.0	17.9	19.5	21.9	22.2	21.6	7.5	20.1	12.4	7.6	7.3	10.3
Direction and Force of Winds (0-12)	E 3	E 4	SE 3	ESE 3	SW 3	SSW 5	S 3	ENE 2	WNW 2	WSW 5	SW 3	WSW 2	S 3	SSW 2	calm	NNE 3	SSE 6
Weather	fair	rain	cloudy	cloudy	clear	clear	fair	rain	clear	clear	fair	cloudy	clear	cloudy	cloudy	rain	fog

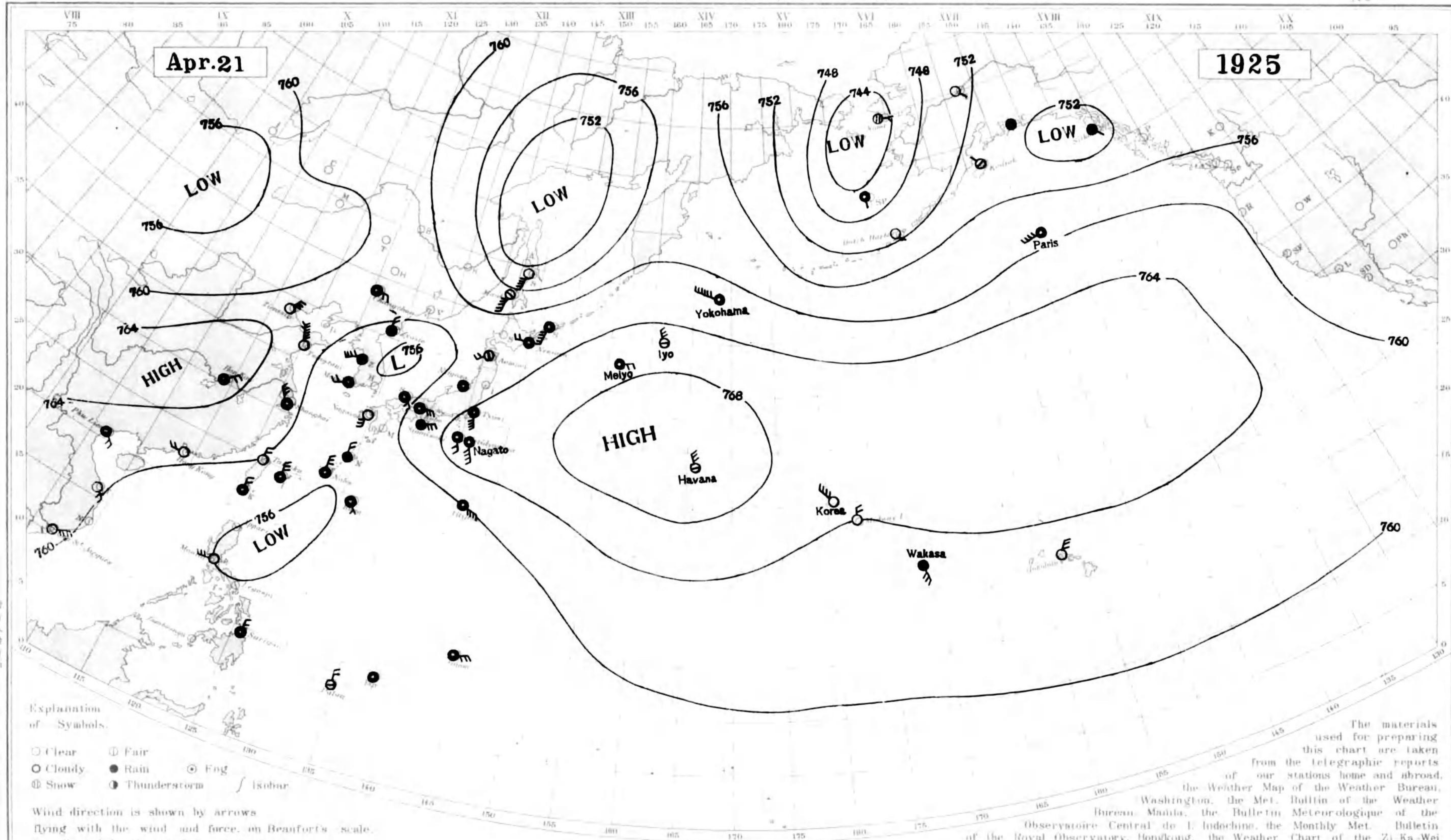
Station	Shanghai 121° 135 E	Hankow 122° 135 E	Rangoon 124° 135 E	Peking 129° 135 E	Hongkong 114°	Manila 120°	Singapore 104°	Canton 113°	Yap 124°	Phi Liep 107°	Cap-Saigon 107°	Honolulu 155°	Midway I. 170°	Nome 149° 135 W	Sitka 141° 135 W	Dutch Harbor 156° 135 W	Kodiak 154° 135 W
Hour of Observation																	
Air Pressure (not reduced to sea level)	762.0	760.8	759.9	767.9	761.6	758.0	757.8	758.4	758.0	763.4	762.2	764.5	760.5	748.8	760.0	742.7	755.9
Air Temperature (in C)	21.2	22.8	23.4	30.1	23.	33.	30.	-	-	23.	28.	21.	19.	- 3.	6.	7.	2.
Direction and Force of Winds (0-12)	SE 3	calm	E 4	SSW 2	ENE 4	W 3	NNE 1	ENE 3	WNW 2	SSW -	E 4	E 1	NW 3	E 3	N -	SW -	E -
Weather	cloudy	cloudy	rain	cloudy	clear	clear	clear	cloudy	cloudy	cloudy	cloudy	cloudy	rain	cloudy	clear	clear	rain

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 842



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.

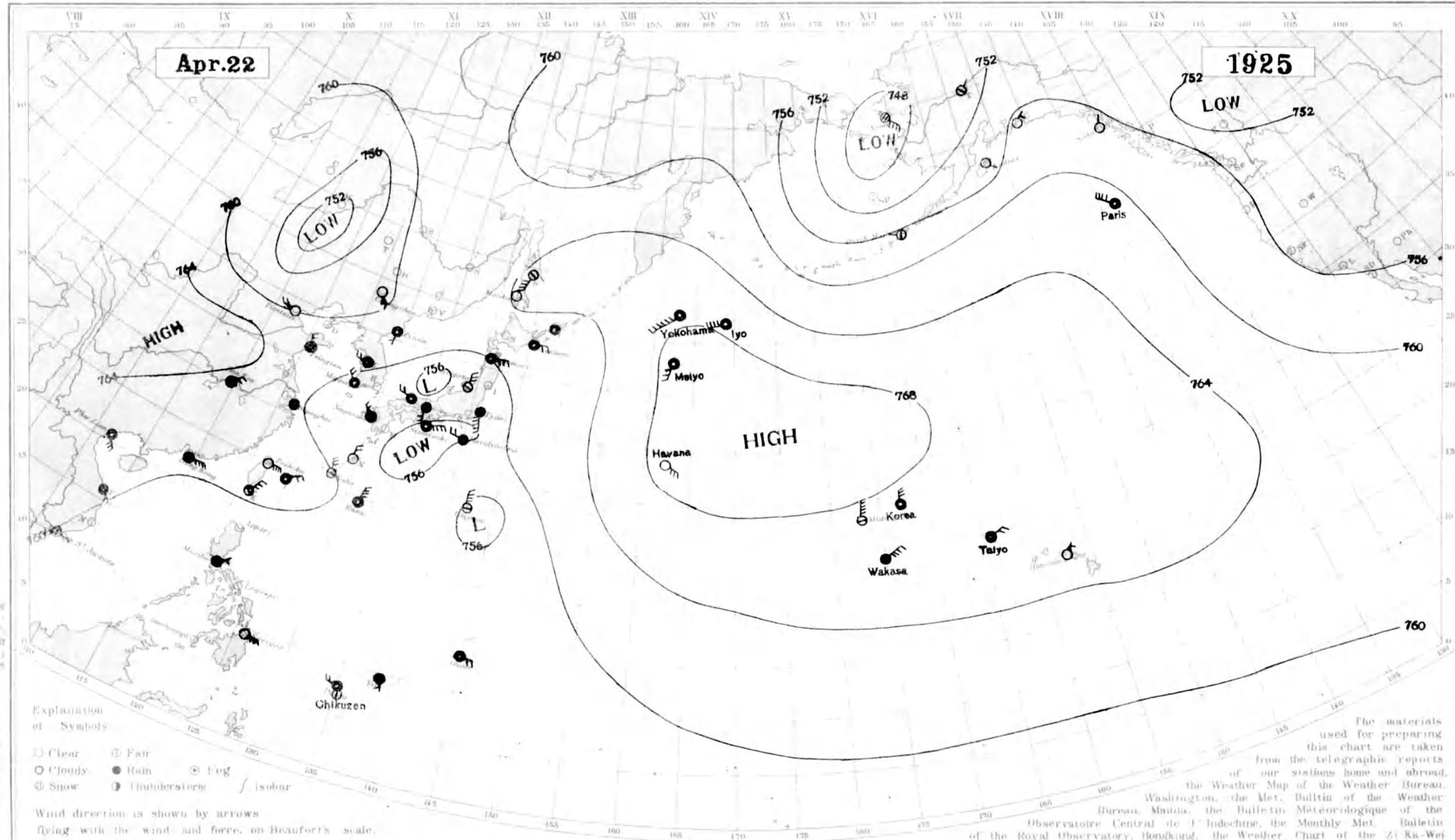
The materials used for preparing this chart are taken from the telegraphic reports of our stations home and abroad, the Weather Map of the Weather Bureau, Washington, the Met. Bulletin of the Weather Bureau, Manila, the Bulletin Meteorologique of the Observatoire Central de l'Indochine, the Monthly Met. 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	Simonsaki	Kobe	Tyonsi	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 m.c.l. and Std. Gr.)	760.0	758.0	759.9	762.8	762.0	765.2	764.4	759.9	762.6	762.6	761.5	758.6	757.1	759.4	761.0	763.3	760.1
Air Temperature (in C°)	6.9	22.2	21.6	16.9	18.8	19.6	19.3	20.8	19.7	17.7	6.3	8.4	10.3	8.6	12.8	17.8	13.5
Direction and Force of Winds (0-12)	N 2	N 3	S 3	ESE 3	E 3	SSE 4	SSE 2	ESE 4	calm	SW 2	WNW 2	SSW 5	WSW 2	N 2	E 2	NNW 3	NNW 8
Weather	clear	cloudy	clear	rain	cloudy	cloudy	cloudy	cloudy	cloudy	fair	cloudy	fair	cloudy	rain	cloudy	clear	clear
Station	Shanghai	Hankow	Rusa	Pidau	Hongkong	Manila	Saigo	Guam	Yap	Phi Lach	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.c.l. and Std. Gr.)	762.7	764.7	757.4	757.5	760.7	757.5	758.0	758.3	758.1	762.1	761.9	763.0	764.0	743.7	761.8	761.8	752.8
Air Temperature (in C°)	13.9	19.1	27.0	29.9	25.	33.	30.	-	-	24.	29.	22.	17.	1.	3.	6.	-
Direction and Force of Winds (0-12)	NW 4	NE 2	SE 1	N 2	W 2	W 3	N 2	E 3	calm	SE 2	ESE 4	NE 3	N 2	E 1	SE -	SE -	SE -
Weather	cloudy	cloudy	cloudy	fair	clear	clear	cloudy	cloudy	cloudy	cloudy	clear	clear	clear	snow	rain	clear	fair

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No. 843



Explanation of Symbols

- ☉ Clear
- ☁ Cloudy
- ☂ Rain
- ☃ Snow
- ☄ Thunderstorm
- ☉ Fair
- ☁ 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 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 Z. 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	Simotsuki 12° 135 E	Kobe 12° 135 E	Tyosui 12° 135 E	Hanryosima 12° 135 E	Tsuzima 12° 135 E	Niigata 12° 135 E	Aomori 12° 135 E	Nomuro 12° 135 E	Maoka 12° 135 E	Moppo 12° 135 E	Zyosui 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 Standard)	760.4	760.3	758.7	755.1	757.2	758.7	758.0	755.8	757.5	760.0	762.1	764.3	766.7	762.1	759.1	759.8	761.6
Air Temperature (in C)	25.5	22.0	14.6	19.4	14.0	14.4	17.4	23.8	18.2	17.0	8.4	7.1	14.2	12.8	17.6	21.0	11.5
Direction and Force of Winds (0-12)	E 4	NNW 3	NW 2	ENE 4	S 2	SSE 4	WNW 2	N 3	NNE 3	E 3	E 2	calm	NW 2	S 1	SE 2	W 2	N 2
Weather	clear	fair	cloudy	cloudy	rain	rain	rain	fair	cloudy	cloudy	cloudy	clear	cloudy	cloudy	clear	clear	cloudy

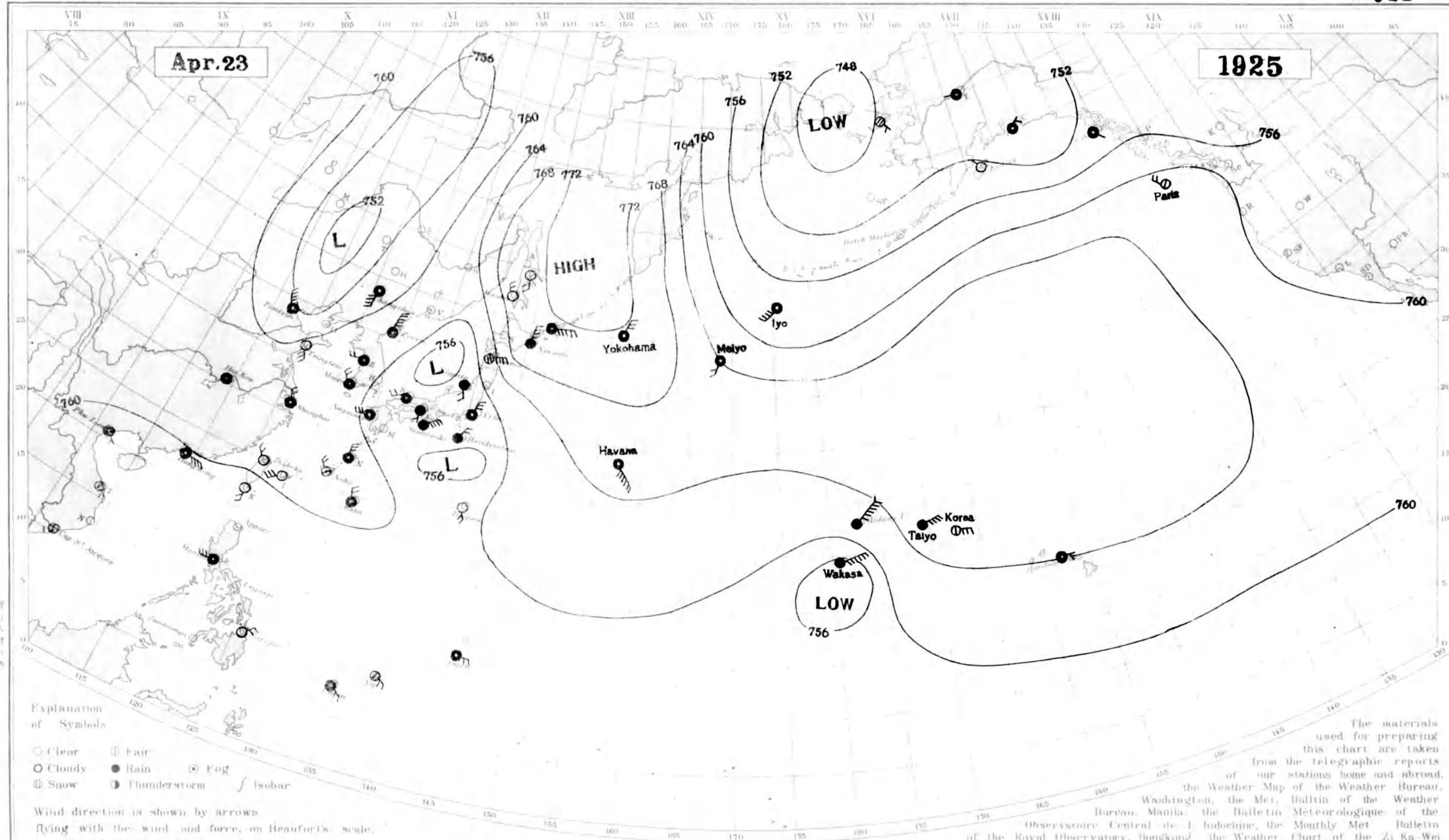
Station	Shanghai 12° 135 E	Hankow 12° 135 E	Rosa 12° 135 E	Polau 12° 135 E	Hongkong 14°	Manila 14°	Surigao 14°	Guam 14°	Yap 14°	Phu Lien 10°	Cap S. Jacques 10°	Honolulu 20°	Midway I. 19° 30°	Nome 20° 135 W	Sitka 20° 135 W	Dutch Harbor 20° 135 W	Kodiak 20° 135 W
Hour of Observation																	
Atm. Pressure (Red to sea level and Standard)	760.2	763.2	759.0	757.4	760.4	758.2	757.9	758.2	758.0	761.8	761.5	764.5	766.6	745.7	766.4	768.4	763.4
Air Temperature (in C)	19.5	11.4	24.4	31.0	21.	26.	32.	-	-	24.	30.	23.	18.	0.	6.	3.	4.
Direction and Force of Winds (0-12)	calm	NE 2	NNE 4	WNW 2	E 4	NE 1	E 3	E 2	SSE 1	SSE 3	E 2	WE 1	N 5	SE 4	N -	W -	SE -
Weather	cloudy	rain	cloudy	cloudy	cloudy	cloudy	clear	cloudy	cloudy	cloudy	fair	clear	fair	snow	clear	fair	clear

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 844



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	Tokoku	Naha	Nagasaki	Simsaki	Kobe	Tyosi	Hatidyosima	Tirizina	Nigata	Amori	Nemuro	Maoka	Moopo	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 level and Std. Gr.)	760.2	761.2	759.3	757.9	758.6	758.5	758.0	759.8	758.8	762.8	769.5	769.9	760.7	763.0	758.4	766.5	760.4
Air Temperature (in C)	25.3	22.4	16.4	17.0	14.9	16.2	17.7	23.7	17.8	7.8	1.2	7.8	15.2	12.5	18.5	18.4	13.8
Direction and Force of Winds (0-12)	clear	NW 2	W 3	NE 4	S 1	NNE 3	NNE 2	SSE 2	SSE 2	ENE 4	NNE 4	NNW 2	NW 2	NNE 5	SSW 4	NNW 4	SSE 3
Weather	clear	fair	cloudy	rain	rain	cloudy	rain	clear	rain	snow	rain	clear	cloudy	cloudy	cloudy	cloudy	clear
Station	Shanghai	Hankow	Husa	Peking	Hongkong	Manila	Surigao	Guan	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>	10 <sup>h</sup>	20 <sup>h</sup>	11:30 <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 level and Std. Gr.)	762.6	762.9	760.6	758.1	759.5	758.1	758.3	758.9	758.7	760.8	761.2	764.0	766.8	748.3	752.3	-	752.8
Air Temperature (in C)	15.3	15.4	24.9	29.6	23.	33.	32.	-	-	25.	28.	23.	18.	- 4.	6.	-	- 1.
Direction and Force of Winds (0-12)	NNW 2	calm	NNW 2	ESE 2	E 4	W 3	NE 2	E 2	ESE 2	SE 1	calm	E 1	NE 7	SE 1	SE -	-	NW -
Weather	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	clear	cloudy	fair	cloudy	fair	cloudy	rain	snow	cloudy	-	clear

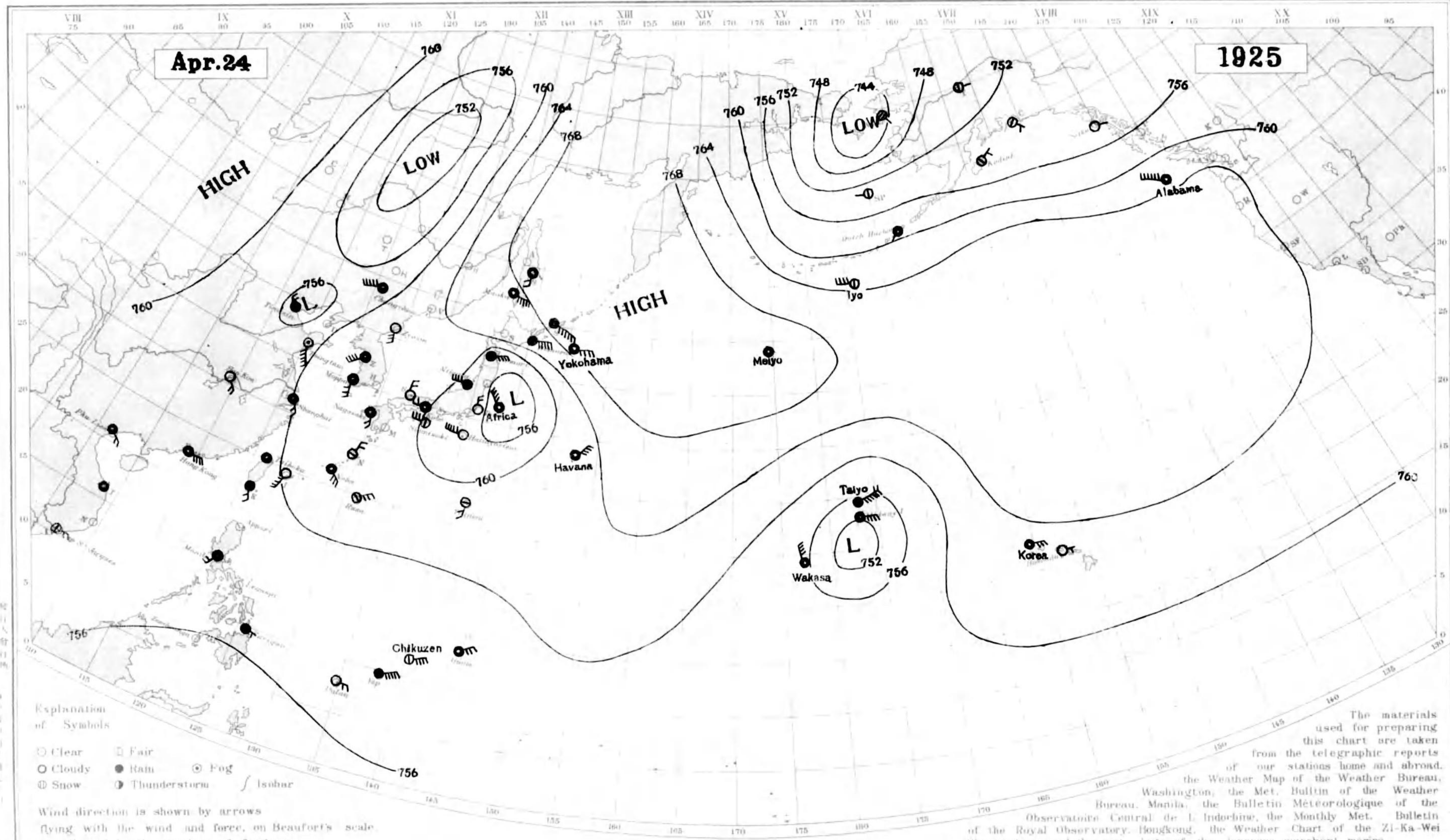


# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 845



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.

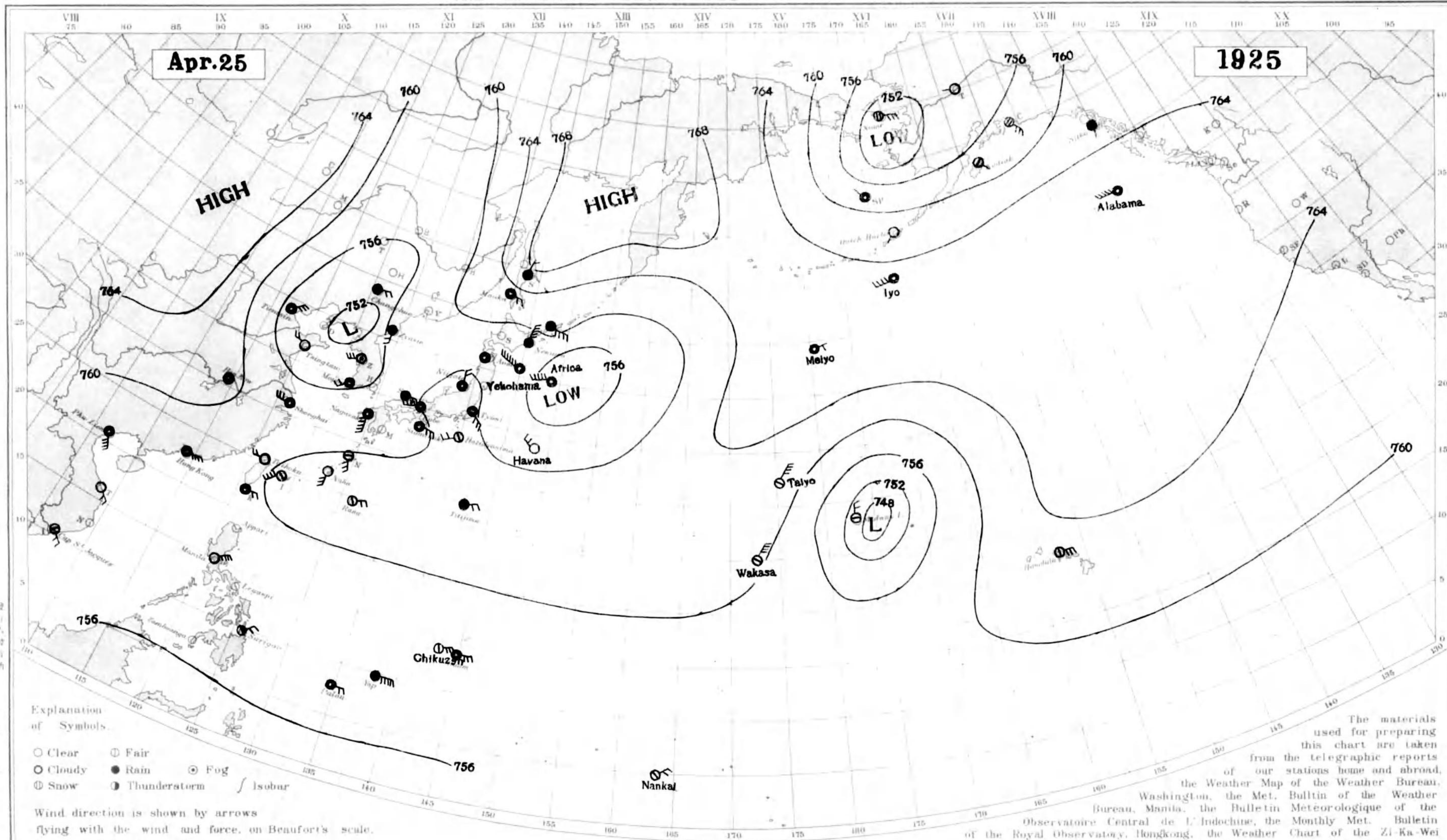
Station	Tathoku 12 <sup>h</sup> , 135E	Naha 12 <sup>h</sup> , 135E	Nagasaki 12 <sup>h</sup> , 135E	Sonotsuki 12 <sup>h</sup> , 135E	Kobe 12 <sup>h</sup> , 135E	Tyosai 12 <sup>h</sup> , 135E	Hattayama 12 <sup>h</sup> , 135E	Titizima 12 <sup>h</sup> , 135E	Niigata 12 <sup>h</sup> , 135E	Aomori 12 <sup>h</sup> , 135E	Nemuro 12 <sup>h</sup> , 135E	Maoka 12 <sup>h</sup> , 135E	Moppo 12 <sup>h</sup> , 135E	Zyosin 12 <sup>h</sup> , 135E	Changchun 12 <sup>h</sup> , 135E	Tientsin 12 <sup>h</sup> , 135E	Tsingtau 12 <sup>h</sup> , 135E
Hour of Observation																	
Atm. Pressure (Red to m.s.l. and Std Gr)	759.2	761.6	762.4	759.9	762.0	756.9	758.9	761.1	759.8	758.4	765.1	765.9	761.4	761.7	757.2	753.7	759.1
Air Temperature (in C)	24.9	23.0	19.7	19.3	17.3	14.6	20.4	23.9	11.1	9.1	1.8	10.0	15.9	9.8	19.2	11.5	9.9
Direction and Force of Winds (0-12)	- 1	ESE 3	SSE 2	W 3	W 2	N 2	W 5	S 2	W 4	ENE 4	E 5	ESE 5	S 3	S 3	WSW 5	NW 3	SSE 5
Weather	cloudy	cloudy	cloudy	clear	cloudy	clear	clear	fair	rain	rain	rain	cloudy	cloudy	clear	cloudy	rain	fog
Station	Shanghai 12 <sup>h</sup> , 135E	Hankow 12 <sup>h</sup> , 135E	Rasa 12 <sup>h</sup> , 135E	Pusan 12 <sup>h</sup> , 135E	Hongkong 14 <sup>h</sup>	Manila 14 <sup>h</sup>	Surigao 14 <sup>h</sup>	Guam 14 <sup>h</sup>	Yap 14 <sup>h</sup>	Phi-Lien 10 <sup>h</sup>	Cap S. Jacques 10 <sup>h</sup>	Honolulu 20 <sup>h</sup>	Midway I. 19 : 30 <sup>h</sup>	Nome 20 <sup>h</sup> , 135W	Sitka 20 <sup>h</sup> , 135W	Dutch Harbor 20 <sup>h</sup> , 135W	Kodiak 20 <sup>h</sup> , 135W
Hour of Observation																	
Atm. Pressure (Red to m.s.l. and Std Gr)	760.0	757.9	761.6	757.5	758.9	757.8	757.6	759.3	758.2	759.5	760.7	763.0	752.8	743.7	754.9	759.5	754.9
Air Temperature (in C)	15.9	21.0	33.7	30.7	23.	34.	28.	-	-	24.	32.	23.	21.	- 7.	9.	2.	3.
Direction and Force of Winds (0-12)	SE 2	SE 2	ENE 3	E 2	E 4	SSW 2	E 1	NE 3	ENE 5	ESE 2	E 2	E 1	E 4	SE 1	E -	SW -	NE -
Weather	cloudy	clear	fair	clear	cloudy	cloudy	rain	cloudy	rain	cloudy	fair	clear	cloudy	snow	clear	cloudy	fair

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 846



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	Tsukuba	Naha	Nagasaki	Somisaki	Kobe	Tyosai	Hatidyosma	Titizima	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 to m.s.l. and Std. Gr.)	758.1	761.0	758.5	760.5	759.7	760.1	761.6	762.1	760.2	759.4	759.0	762.4	755.5	758.8	753.9	755.2	754.8
Air Temperature (in C)	29.4	24.4	18.1	18.0	17.8	19.8	19.8	22.4	13.5	15.1	1.8	7.6	14.6	5.8	10.7	19.1	17.8
Direction and Force of Winds (0-12)	W 2	S 3	S 5	W 4	ESE 2	SE 3	WSW 2	ESE 2	N 2	calm	NNE 5	E 2	SW 2	S 2	ESE 2	NE 3	WNW 2
Weather	clear	clear	cloudy	cloudy	cloudy	cloudy	fair	rain	cloudy	cloudy	rain	cloudy	cloudy	rain	rain	cloudy	clear

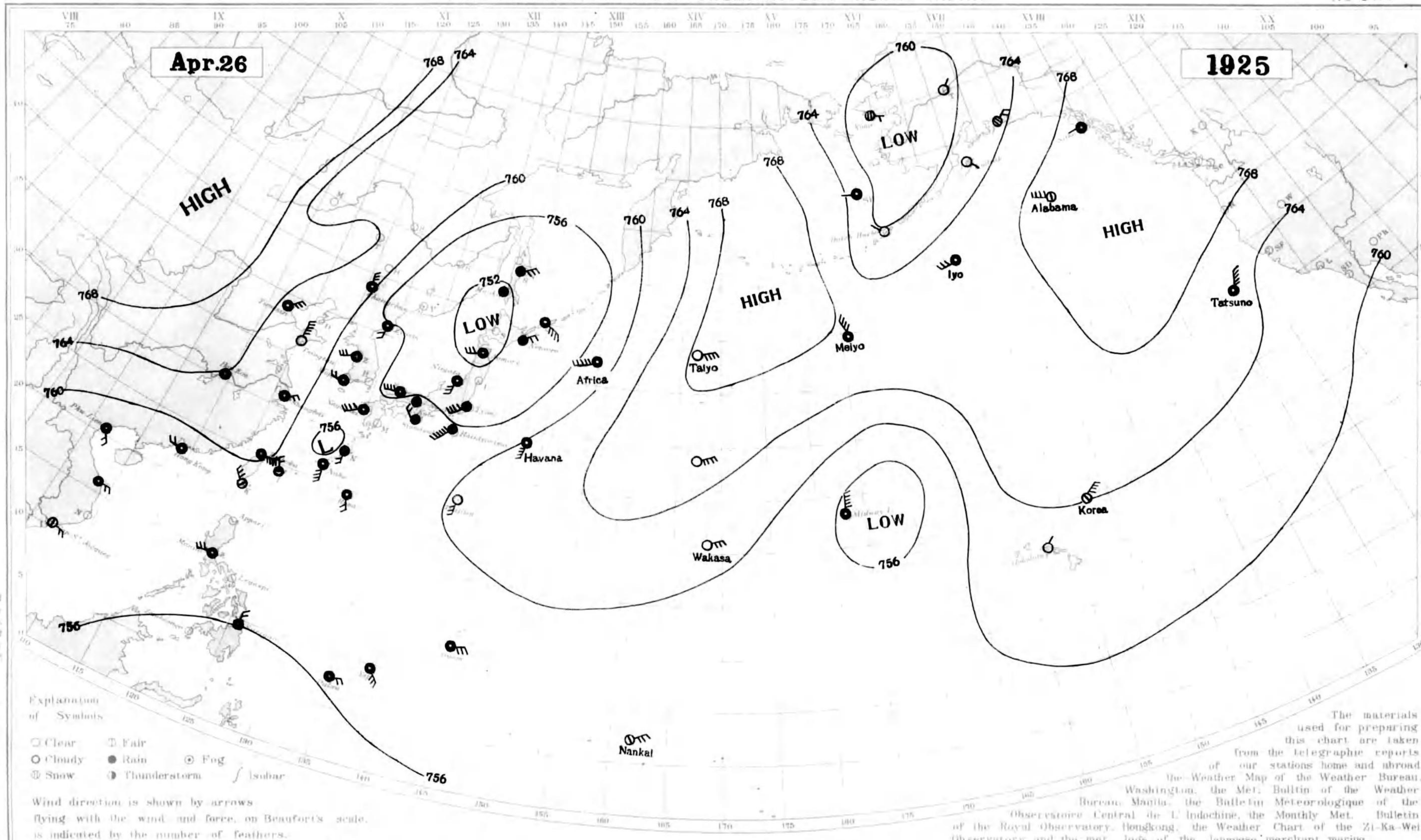
Station	Shanghai	Hankow	Rasa	Palau	Hongkong	Manila	Surigao	Guam	Yap	Phi Lien	Cap S. Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</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 m.s.l. and Std. Gr.)	759.3	761.4	761.2	757.0	759.5	758.5	758.1	758.6	757.5	759.4	760.4	763.0	749.8	751.3	761.5	763.0	756.9
Air Temperature (in C)	20.0	19.2	26.3	30.7	24.	33.	28.	-	-	23.	32.	22.	20.	- 7.	3.	1.	3.
Direction and Force of Winds (0-12)	W 3	calm	ESE 2	ESE 2	E 4	NE 4	NE 2	E 3	E 5	SSE 4	SE 2	E 3	N 2	E 3	S -	SW -	SE -
Weather	cloudy	cloudy	fair	cloudy	cloudy	clear	th.s:	cloudy	rain	cloudy	fair	fair	fair	snow	rain	clear	fair

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 847



Explanation of Symbols

- Clear
- ☁ Cloudy
- ☂ Rain
- ☃ Snow
- ⊙ Fair
- ⊙ 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-Wei Observatory and the met. logs of the Japanese merchant marine.

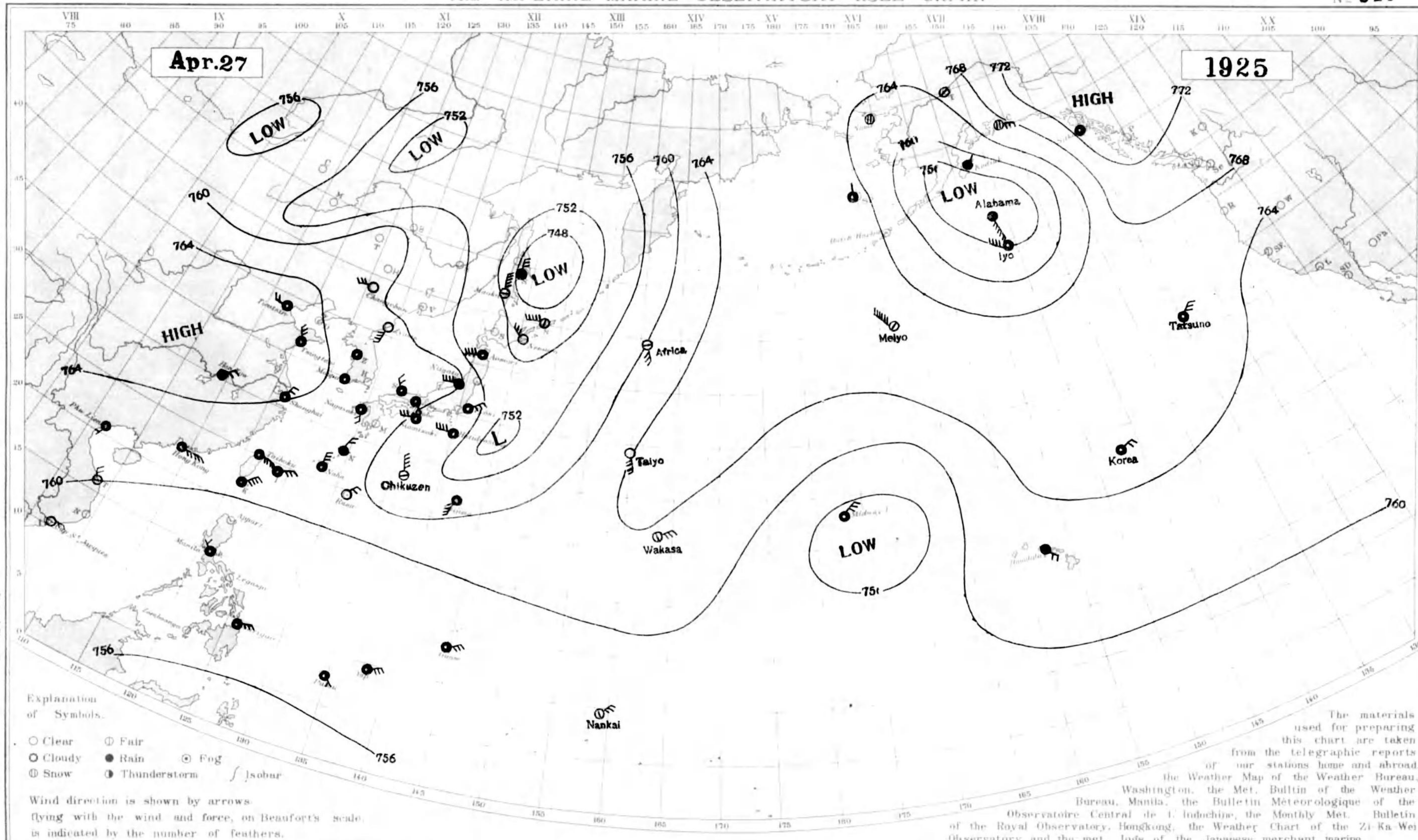
Station	Tokoku	Naha	Nagasaki	Sansuichi	Kobe	Tyosui	Haidyosma	Tiizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosui	Changchun	Tientsin	Tsingtau
Hour of Observation	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 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 Std. Gr.)	760.6	757.6	757.3	756.2	757.0	754.0	757.3	760.7	754.5	751.3	753.5	751.7	758.0	756.4	760.0	763.3	761.0
Air Temperature (In C°)	18.0	22.4	15.0	15.1	13.4	16.9	18.4	24.0	14.0	16.9	20.2	5.9	14.5	9.1	10.8	18.3	19.4
Direction and Force of Winds (0-12)	E 4	S 4	WSW 4	NW 2	- 1	SW 4	SW 6	S 3	SSW 3	WSW 3	NE 2	- 1	W 2	SSW 2	N 4	NE 3	N 5
Weather	cloudy	cloudy	cloudy	rain	rain	rain	rain	clear	cloudy	cloudy	rain	rain	cloudy	cloudy	cloudy	cloudy	clear
Station	Shanghai	Hankow	Hainan	Palou	Hongkong	Manila	Surigao	Guam	Yap	Phi-Lien	Cap-S-Jacques	Timohutu	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	20 <sup>h</sup> , 135° E	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 Std. Gr.)	762.1	764.0	759.5	756.7	758.9	757.7	757.5	758.5	757.8	759.3	759.7	763.0	755.4	758.4	769.1	760.0	762.0
Air Temperature (In C°)	20.4	20.4	25.9	30.1	26.	33.	29.	-	-	25.	31.	22.	20.	- 8.	4.	1.	3.
Direction and Force of Winds (0-12)	NE 2	- 1	SSE 2	E 2	W 2	W 3	N 2	E 3	SE 3	SSE 2	E 2	NE -	N 5	E 1	W -	NW -	SE -
Weather	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	fair	clear	cloudy	snow	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 848



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	Siomi saki	Kobe	Tyosai	Hatidyosima	Titizima	Niigata	Aomori	Nemuro	Moaka	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. Gr.)	762.2	761.9	761.3	758.2	761.0	757.0	756.6	759.5	760.3	755.3	750.9	752.0	762.1	761.5	761.2	765.5	765.0
Air Temperature (in °C)	17.5	18.9	14.0	17.4	13.8	16.3	18.8	13.5	11.1	12.3	12.6	4.1	17.2	10.5	16.4	17.6	14.8
Direction and Force of Winds (0-12)	E 5	N 3	S 2	W 3	SE 2	NE 3	W 4	SSW 4	W 4	WSW 4	NW 3	N 5	- 1	SSW 4	W 3	W 2	NNW 3
Weather	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	rain	cloudy	clear	fair	cloudy	clear	cloudy	cloudy	cloudy

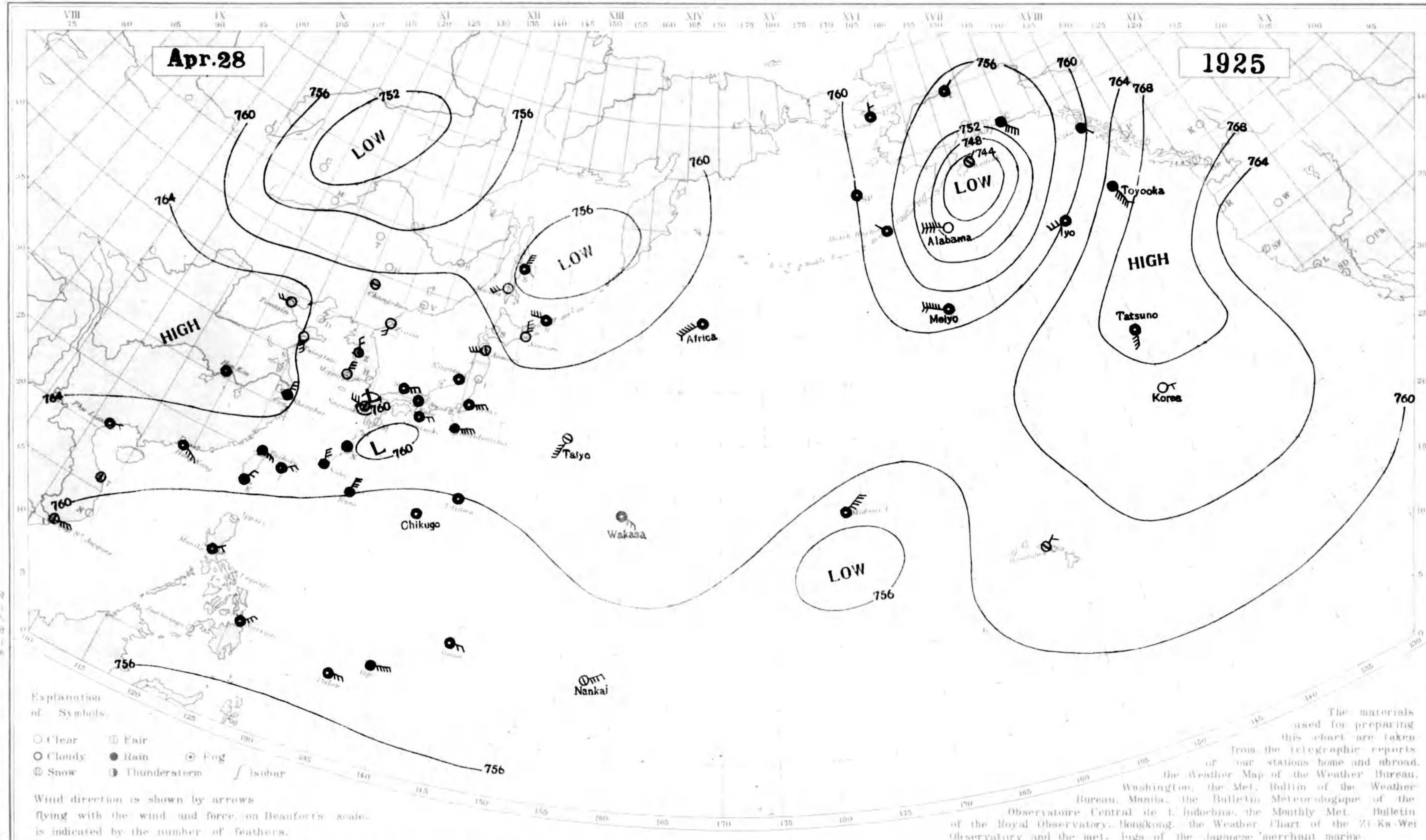
Station	Shanghai	Hankow	Rasa	Palau	Hongkong	Manila	Surigao	Guam	Yap	Phi Lien	Cap St. Jacques	Honolulu	Midway I.	Noine	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 <sup>h</sup> , 135°E	12 <sup>h</sup> , 135°E	12 <sup>h</sup> , 135°E	12 <sup>h</sup> , 135°E	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</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 m.s.l. and Std. Gr.)	764.0	766.3	760.6	757.8	761.3	758.0	758.0	758.5	758.5	762.2	760.4	762.5	754.4	763.0	773.2	-	756.4
Air Temperature (in °C)	16.8	16.9	23.6	28.4	21.1	32.	28.	-	-	24.	30.	21.	20.	- 6.	3.	-	2.
Direction and Force of Winds (0-12)	NNE 2	NE 2	NNE 2	SE 1	E 5	NW 1	ENE 3	ENE 3	ENE 3	SSW 1	E 2	SE 2	NE 3	NE 1	calm	-	NE -
Weather	cloudy	rain	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	clear	rain	cloudy	snow	cloudy	-	rain

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 849



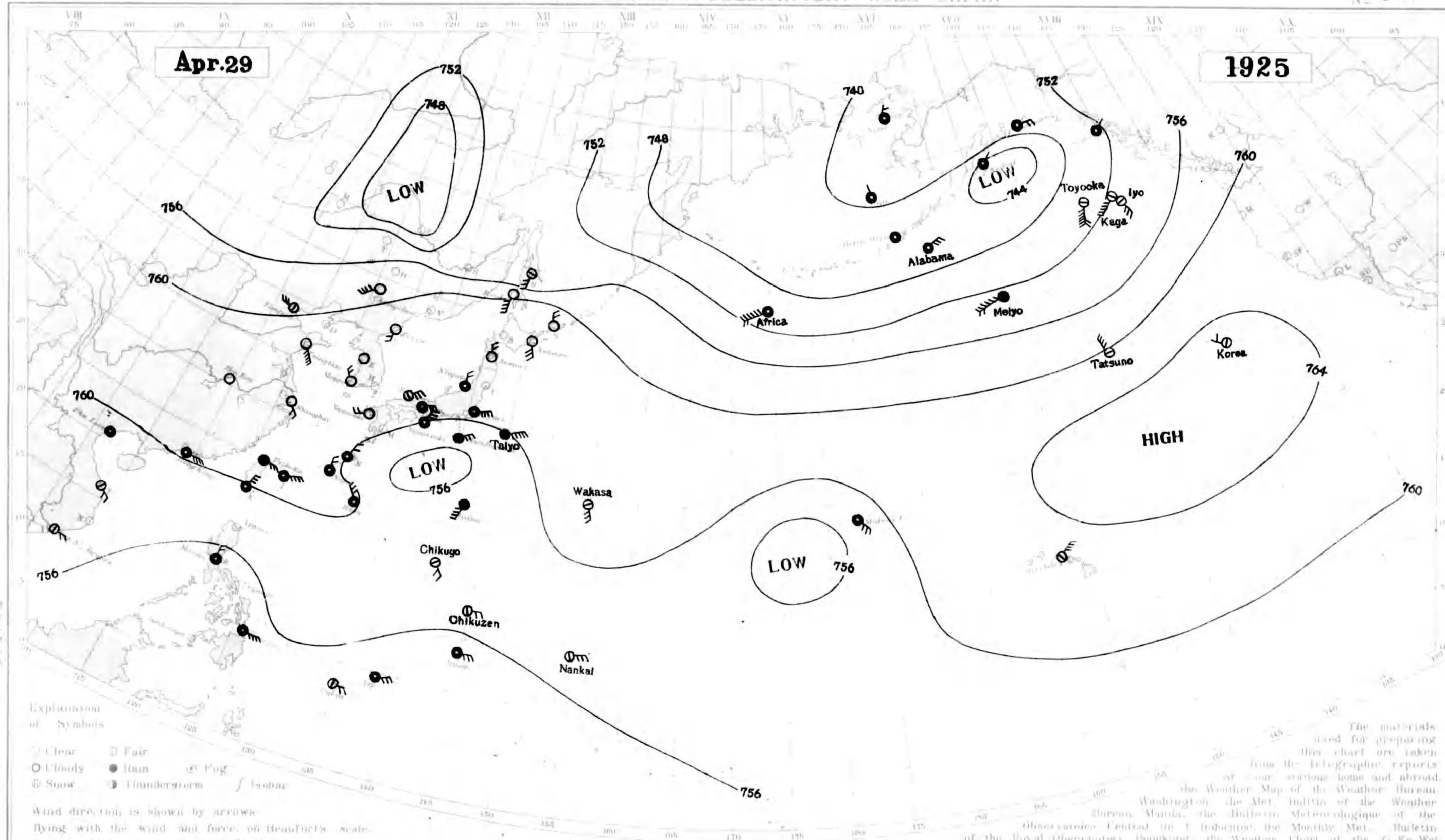
The materials used for preparing this chart are taken from the telegraphic reports of our stations home and abroad. The Weather Map of the Weather Bureau, Washington, the Met. Bulletin of the Weather Bureau, Manila, the Bulletin Meteorologique of the Observatoire Central de L'Indochine, the Monthly Met.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

Station	Tsukuba	Naha	Nagasaki	Simsuaki	Kobe	Tyosui	Hatidyosima	Tiizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyosui	Changchun	Tientsin	Tsingtau
Hour of Observation	12 <sup>h</sup> 135E	12 <sup>h</sup> 135E	12 <sup>h</sup> 135E	12 <sup>h</sup> 135E	12 <sup>h</sup> 135E	12 <sup>h</sup> 135E	12 <sup>h</sup> 135E	12 <sup>h</sup> 135E	12 <sup>h</sup> 135E	12 <sup>h</sup> 135E	12 <sup>h</sup> 135E	12 <sup>h</sup> 135E	12 <sup>h</sup> 135E	12 <sup>h</sup> 135E	12 <sup>h</sup> 135E	12 <sup>h</sup> 135E	12 <sup>h</sup> 135E
Atm. Pressure (Red to sea level and Sea level not reduced to Sea level)	763.5	761.8	759.7	760.6	761.5	763.1	760.9	760.0	763.7	761.2	759.2	758.8	762.2	762.3	760.2	764.9	763.9
Air Temperature (in C)	16.2	15.9	17.2	16.9	15.3	15.0	14.8	23.9	14.5	16.1	5.5	5.9	17.6	14.0	20.6	25.0	15.6
Direction and Force of Winds (0-12)	E 3	NNW 3	WNW 3	ENE 2	- 1	ENE 4	ENE 5	- 1	- 1	WSW 4	N 4	SW 3	N 3	S 2	N 2	W 2	SSE 3
Weather	rain	rain	fair	cloudy	cloudy	cloudy	rain	cloudy	cloudy	fair	clear	clear	clear	clear	fair	clear	clear
Station	Shanghai	Hankow	Raso	Palau	Hongkong	Manila	Surigao	Guzam	Yap	Phi Lien	Cap St. Jacques	Honolulu	Midway I	None	Siksa	Dutch Harbor	Kodiak
Hour of Observation	12 <sup>h</sup> 135E	12 <sup>h</sup> 135E	12 <sup>h</sup> 135E	12 <sup>h</sup> 135E	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> 20 <sup>h</sup>	20 <sup>h</sup> 135W	20 <sup>h</sup> 135W	20 <sup>h</sup> 135W	20 <sup>h</sup> 135W
Atm. Pressure (Red to sea level and Sea level not reduced to Sea level)	764.1	764.6	760.0	757.2	762.2	758.6	758.1	758.3	758.1	762.9	761.0	762.5	758.4	757.4	759.5	758.9	743.2
Air Temperature (in C)	18.3	19.2	20.4	29.6	20.	-	29.	-	-	24.	30.	23.	19.	- 3.	7.	- 1.	0.
Direction and Force of Winds (0-12)	N 3	- 1	N 4	E 3	ESE 4	NE 1	NE 3	E 2	ENE 5	ENE 1	E 4	NE 1	NE 5	N 1	SE -	NE -	NE -
Weather	cloudy	cloudy	rain	cloudy	cloudy	cloudy	cloudy	cloudy	rain	cloudy	fair	fair	cloudy	cloudy	rain	cloudy	fair

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Mean of the meridian of 135° E.)  
THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 850



Explanation of Symbols

- ☉ Clear
- ☁ Cloudy
- ☂ Rain
- ☃ Snow
- ☄ Thunderstorm
- ☁ Fog
- ☂ Isobar

Wind direction is shown by arrows flying with the wind and force of 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 various home and abroad stations, 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	Tsukuba	Naha	Nagasaki	Shimonoseki	Kobe	Tyosai	Hatidyosima	Tokushima	Niigata	Amoy	Nemuro	Moroka	Motoko	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 (not reduced to Sea level)	762.3	760.9	760.2	769.4	761.4	760.9	757.8	759.2	762.3	763.0	762.8	759.8	762.5	762.2	758.6	758.0	762.4
Air Temperature (in °C)	15.6	20.6	19.9	14.0	14.2	15.6	14.8	22.9	13.2	12.4	9.6	9.2	19.0	11.8	23.2	25.0	13.0
Direction and Force of Winds (0-12)	E 3	N 2	WSW 2	NNE 3	ESE 2	ENE 4	NE 3	SSW 4	N 2	N 2	SSE 3	SSW 4	NW 2	S 2	SW 4	W 3	SE 5
Weather	rain	cloudy	clear	cloudy	cloudy	cloudy	rain	rain	cloudy	clear	clear	clear	clear	clear	clear	fair	clear

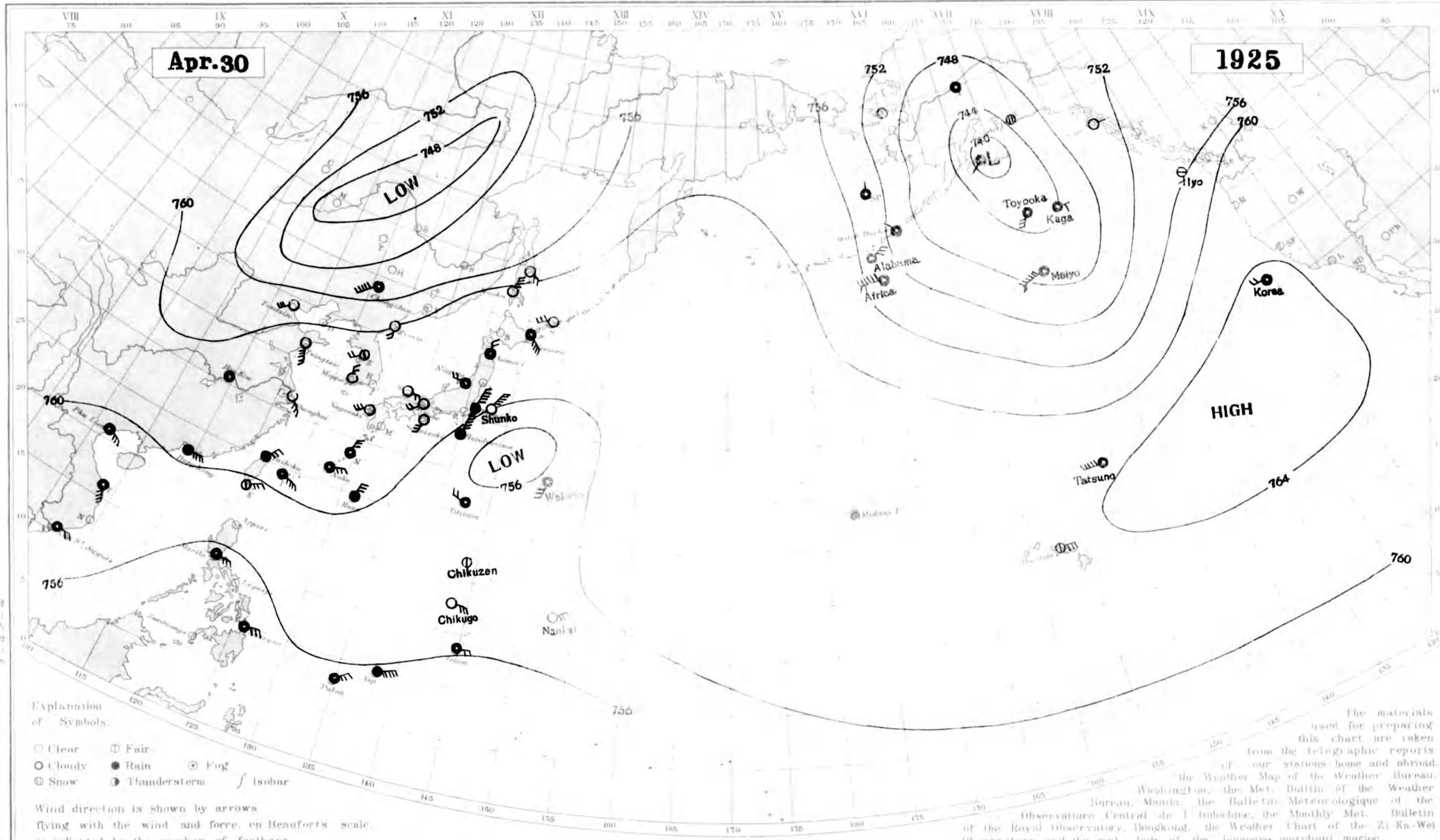
Station	Shanghai	Hankow	Rosa	Peking	Hongkong	Manila	Singapore	Guam	Yap	San Francisco	San Pedro de Macoris	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 <sup>h</sup> 135 E	12 <sup>h</sup> 135 E	12 <sup>h</sup> 135 E	12 <sup>h</sup> 135 E	14 <sup>h</sup>	14 <sup>h</sup>	14 <sup>h</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 (not reduced to Sea level)	764.1	763.0	760.1	756.7	760.4	757.4	757.3	757.2	757.4	760.8	759.5	763.0	758.9	748.8	751.8	747.8	743.7
Air Temperature (in °C)	18.1	22.4	21.9	30.8	20.4	27.	30.	30.	27.	21.	29.	22.	20.	- 2.	4.	0.	3.
Direction and Force of Winds (0-12)	SE 2	- 1	NW 3	E 2	E 4	N 2	E 4	E 3	ENE 3	calm	E 2	NE 4	SE 3	N 1	NE 4	calm	NE -
Weather	clear	clear	cloudy	fair	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	fair	fair	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. 851



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 12° 135 E	Naha 12° 135 E	Nagasaki 12° 135 E	Simsaki 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	Manko 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 m.s.l. and Std. Gr.)	762.1	762.8	762.8	760.3	761.9	760.8	757.7	758.9	761.8	762.1	762.9	760.5	763.6	760.0	753.1	757.2	762.3
Air Temperature (in C)	17.5	21.8	19.8	17.6	16.4	10.3	13.8	21.5	13.4	11.4	6.6	10.4	20.8	11.7	22.3	26.1	14.4
Direction and Force of Winds (0-12)	NE 3	ENE 3	WSW 3	SSW 3	SW 2	NNE 5	NNE 6	WNW 2	WNW 2	N 2	SE 4	NNE 3	N 2	S 2	SW 5	SW 3	SSE 5
Weather	rain	cloudy	clear	clear	clear	rain	rain	cloudy	cloudy	cloudy	cloudy	clear	clear	clear	cloudy	clear	clear

Station	Shanghai 12° 135 E	Hankow 12° 135 E	Rusa 12° 135 E	Palau 12° 135 E	Hongkong 14°	Manila 14°	Surigao 14°	Guam 14°	Yap 14°	Phi-Jen 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 m.s.l. and Std. Gr.)	763.1	760.8	762.1	756.2	760.4	757.4	757.6	757.5	757.1	759.3	758.9	763.0	761.0	748.3	750.8	749.8	739.6
Air Temperature (in C)	20.8	22.6	22.0	30.2	19.	32.	29.	-	-	24.	30.	22.	20.	4.	3.	2.	3.
Direction and Force of Winds (0-12)	SE 3	- 1	NNE 3	NE 3	E 4	E 3	ENE 3	E 2	ENE 5	ESE 3	E 2	E 3	calm	calm	E -	NW -	SW -
Weather	clear	cloudy	rain	cloudy	rain	cloudy	cloudy	cloudy	rain	cloudy	cloudy	rain	rain	clear	clear	cloudy	cloudy

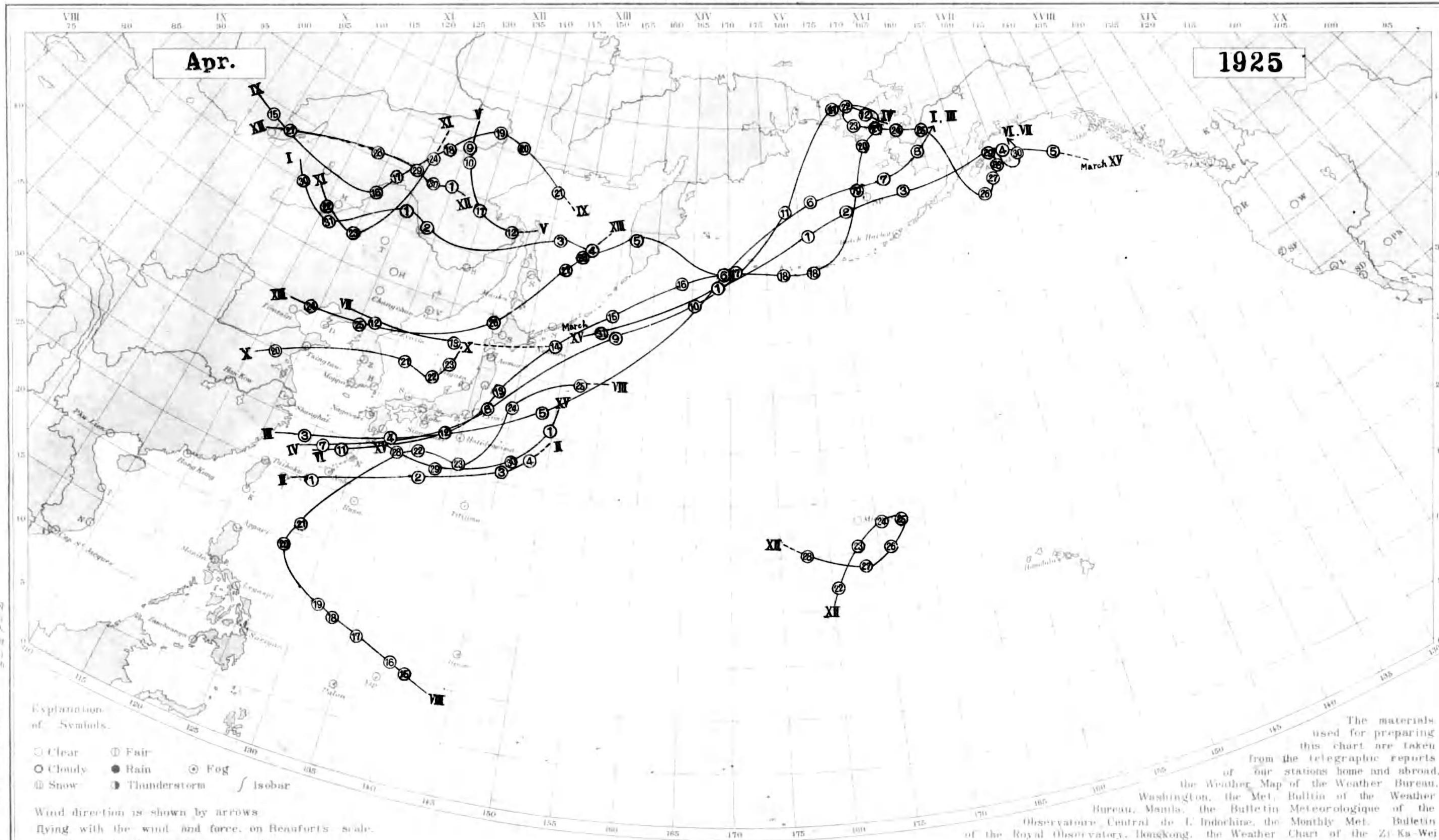
# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 2

Appendix; Tracks of Cyclones



海 軍 省 中 山 丁 七 丁 目 附 属 大 陸 観 測 所

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 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	Sabu	Nagasaki	Simsaki	Kobe	Tyosi	Hatidyosima	Tilizima	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.e.l. and Std. Pr.)																	
Air Temperature (in C)																	
Direction and Force of Winds (0-12)																	
Weather																	
Station	Shanghai	Hankow	Rasa	Palau	Hongkong	Manila	Surigao	Guam	Yap	Phu Lien	Cap S. Jacques	Honolulu	Midway I.	Nome	Sirken	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.e.l. and Std. Pr.)						*	*	*	*	*	*						
Air Temperature (in C)																	
Direction and Force of Winds (0-12)																	
Weather																	



不許複製

印刷所  
海  
洋  
氣  
象  
臺

神戸市中山手通七丁目

印刷者  
兼  
發  
行  
者  
海  
洋  
氣  
象  
臺

大正十四年九月十日發行  
大正十四年九月七日印刷

425

31

終