

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

大正十五年十二月

昭和二年十二月

神戶

海天氣象臺

**DAILY WEATHER CHARTS**

OF THE

**NORTH PACIFIC OCEAN,**

DECEMBER

**1926**



THE IMPERIAL MARINE OBSERVATORY.

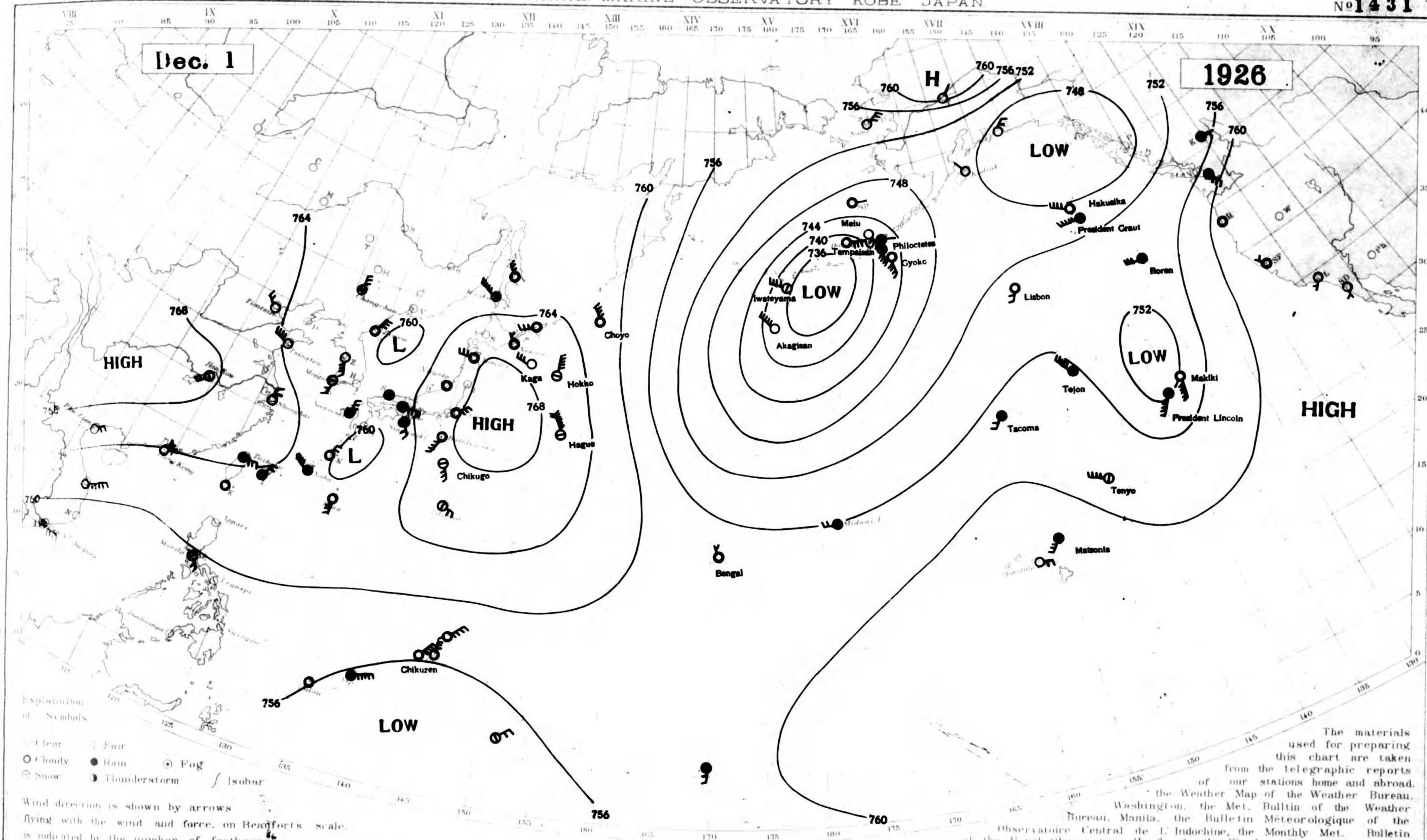
KOBE, JAPAN.



# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No. 1431



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 Naval Observatory, Vladivostok, and the met. logs of the Steamers.

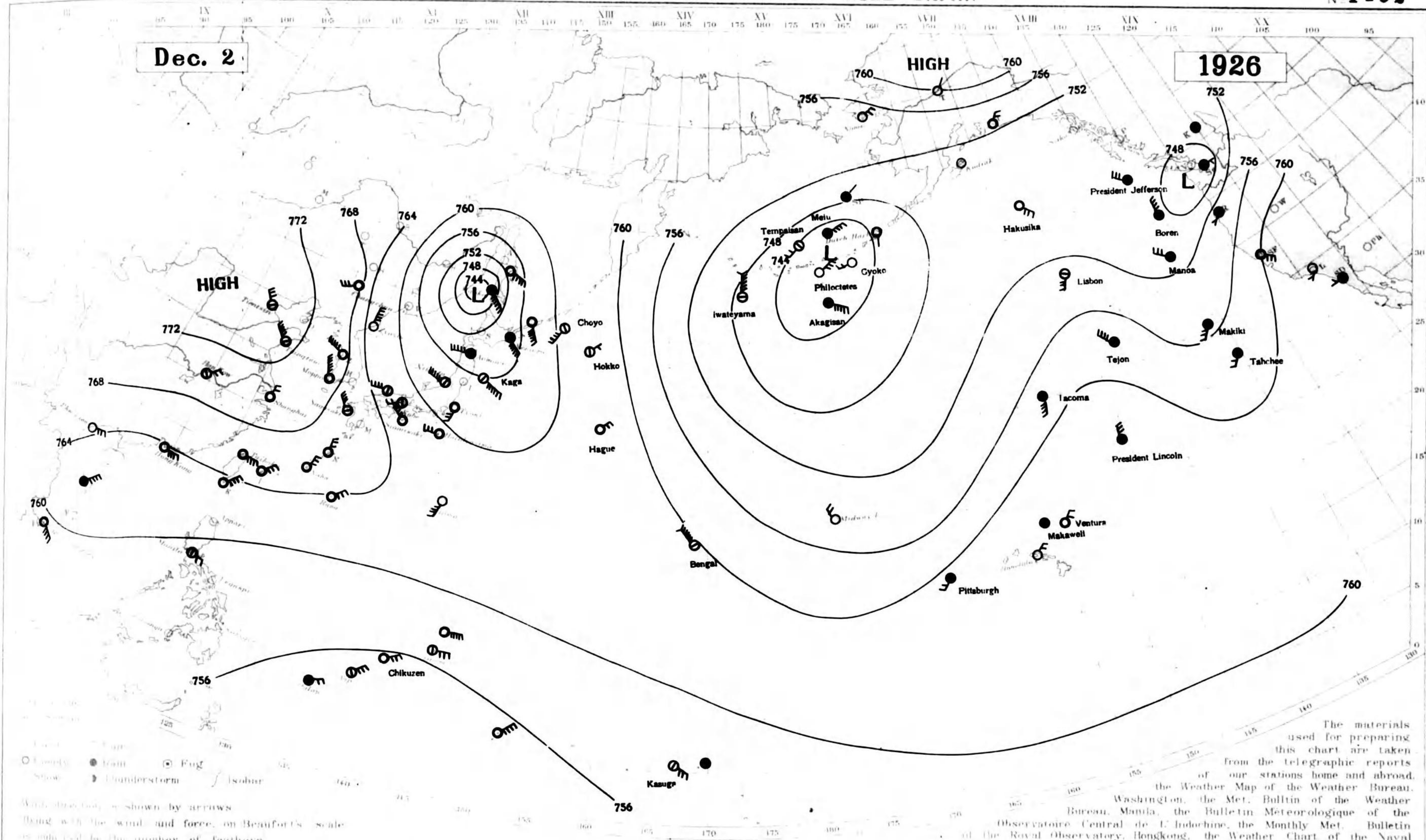
Station	Temperature	Naha	Nagasaki	Somotsuki	Kobe	Tyosu	Hatidyosma	Tiuzima	Nagata	Amori	Nemuro	Maoka	Moppo	Zyosin	Changchun	Tientsin	Tsingtau
Hour of Observation	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 135° E	12 <sup>h</sup> , 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 (not reduced to Sea Level)	764.9	762.4	761.1	763.4	763.5	767.8	765.5	765.9	766.9	767.9	766.0	763.4	765.5	761.4	762.1	765.7	763.7
Air Temperature (in C)	16.6	22.4	10.1	11.7	11.1	12.1	18.4	22.7	8.0	7.3	5.1	0.0	15.1	4.2	-10.8	4.8	9.4
Direction and Force of Winds (0-12)	E 3	WNW 4	N 3	SE 2	E 4	NE 3	SSW 4	ESE 2	calm	W 3	NW 1	WNW 5	S 2	ENE 3	N 3	NW 2	WNW 4
Weather	rain	rain	rain	rain	rain	cloudy	cloudy	fair	cloudy	cloudy	cloudy	snow	fair	cloudy	snow	clear	clear
Station	Temperature	Hankow	Ruso	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>	20 <sup>h</sup> , 135° 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	20 <sup>h</sup> , 135° W	
Atm. Pressure (not reduced to Sea Level)	765.7	766.3	762.8	765.3	764.0	769.4	-	767.7	766.0	766.5	760.6	761.0	765.9	764.9	-	748.2	748.3
Air Temperature (in C)	24.2	13.9	25.8	27.2	20.	28.	-	25.7	25.0	23.	25.	23.	21.	-12.	-	6.	1.
Direction and Force of Winds (0-12)	E 2	SW 2	S 3	calm	N 1	SE 2	-	N 4	ENE 5	NE 2	E 4	E 2	W 2	NE 3	-	E -	NW -
Weather	clear	fair	cloudy	cloudy	cloudy	fair	-	cloudy	rain	clear	rain	clear	rain	clear	-	rain	clear



# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No 1432



Legend for weather symbols:  
 ☉ Cloudy ☁ Rain ☁ Fog  
 ⚡ Thunderstorm

Wind direction is shown by arrows  
 Read 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 Meteorologique of the Observatoire Central de L'Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Naval Observatory, Vladivostok, and the met. logs of the Steamers.

Station	Temp'n	Wind	Weather
Enfuku (12° 13' N, 135° E)	765.7	E 4	cloudy
Naha (12° 13' N, 135° E)	766.1	NNE 3	cloudy
Nagasaki (12° 13' N, 135° E)	766.9	NW 4	fair
Saiki (12° 13' N, 135° E)	761.6	NW 4	cloudy
Kobe (12° 13' N, 135° E)	762.2	WSW 2	fair
Fuzi (12° 13' N, 135° E)	756.6	SSW 3	cloudy
Hatryosima (12° 13' N, 135° E)	760.5	W 3	cloudy
Titi zinet (12° 13' N, 135° E)	762.8	SSW 4	clear
Nogata (12° 13' N, 135° E)	756.9	WNW 5	fair
Aomori (12° 13' N, 135° E)	753.6	W 5	rain
Nemuro (12° 13' N, 135° E)	753.7	SE 6	rain
Moska (12° 13' N, 135° E)	744.9	SE 6	rain
Moppo (12° 13' N, 135° E)	768.6	NNW 6	cloudy
Zyosm (12° 13' N, 135° E)	761.2	N 5	clear
Changchun (12° 13' N, 135° E)	769.0	WSW 3	cloudy
Tientsin (12° 13' N, 135° E)	773.9	NW 3	fair
Tsingtau (12° 13' N, 135° E)	772.8	NW 5	fair
Shanghai (12° 13' N, 135° E)	769.6	N 2	cloudy
Hankow (12° 13' N, 135° E)	769.0	NE 2	fair
Wansa (12° 13' N, 135° E)	763.9	NE 3	cloudy
Yokohama (12° 13' N, 135° E)	755.2	ENE 2	rain
Hongkong (14° N, 135° E)	763.7	E 4	cloudy
Manila (14° N, 135° E)	759.1	E 2	fair
Surigao (14° N, 135° E)	-	-	-
Guam (14° N, 135° E)	757.6	E 3	fair
Yap (14° N, 135° E)	756.2	NE 3	fair
Plat Lant (10° N, 135° E)	766.0	ENE 3	clear
Cap St Jacques (10° N, 135° E)	761.1	ESE 4	cloudy
Honolulu (20° N, 135° W)	762.0	NE 2	clear
Midway I (18° 30' N, 135° W)	754.9	NW 2	clear
Nome (20° N, 135° W)	754.4	NE 2	clear
Sitka (20° N, 135° W)	-	-	-
Dutch Harbor (20° N, 135° W)	744.2	8	cloudy
Kodiak (20° N, 135° W)	751.3	-	clear

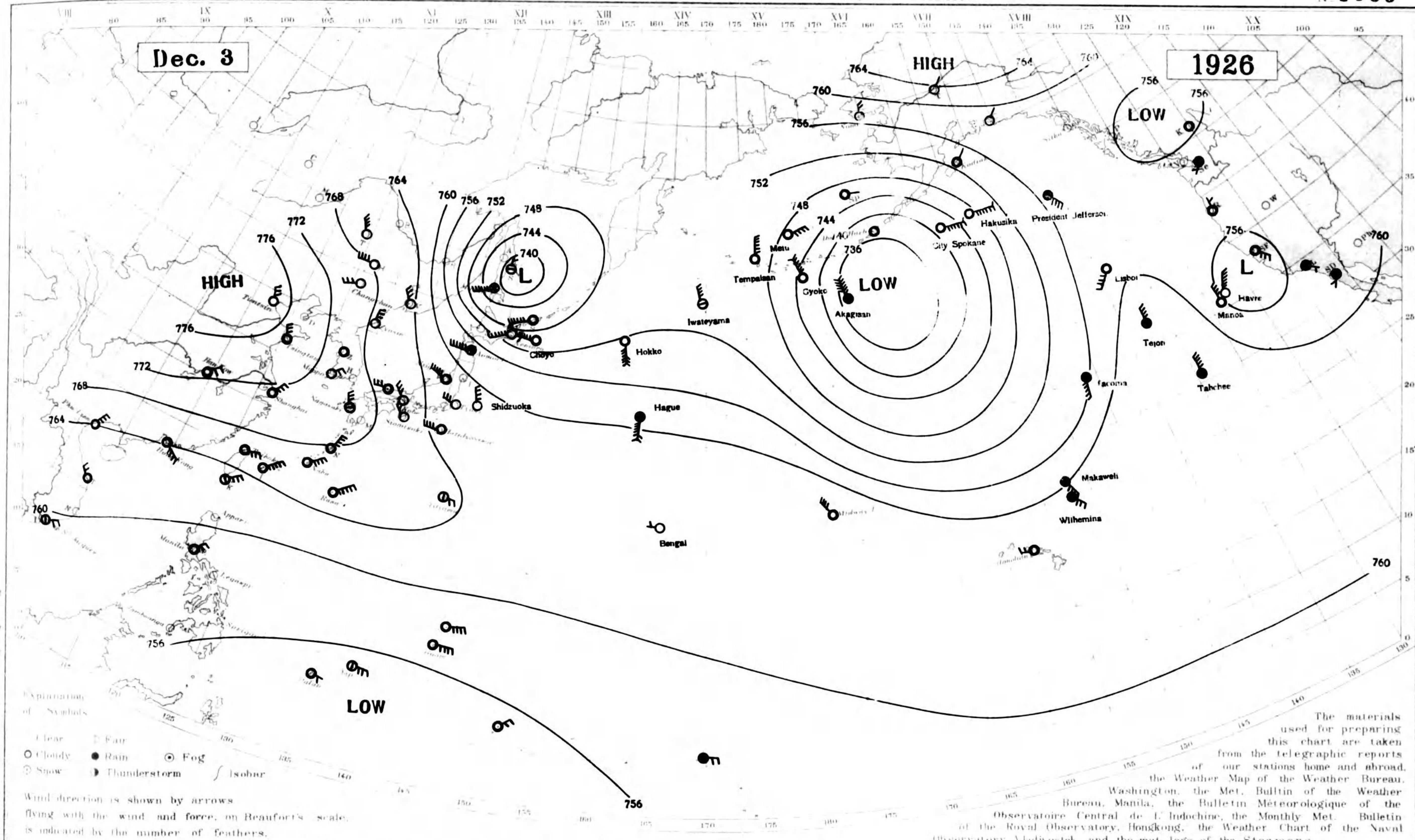


# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 1433



Explanation of Symbols

- ☉ Clear
- ☁ Cloudy
- ☂ Rain
- ☁ Fog
- ☁ Snow
- ☁ 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 Météorologique of the Observatoire Central de L'Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Naval Observatory, Vladivostok, and the met. logs of the Steamers.

Station	Tokyo 12° 135° E	Naha 12° 135° E	Nagasaki 12° 135° E	Singapore 12° 135° E	Kobe 12° 135° E	Yokohama 12° 135° E	Hankow 12° 135° E	Tientsin 12° 135° E	Nagasaki 12° 135° E	Amoy 12° 135° E	Nemuro 12° 135° E	Maoka 12° 135° E	Moppe 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 Sea Level)	765.3	766.1	769.7	764.7	767.1	760.2	763.4	764.6	762.6	757.8	748.5	742.9	771.4	767.6	770.7	777.3	774.6
Air Temperature (in °C)	22.9	21.8	8.9	13.8	9.6	13.1	14.4	23.2	7.1	-1.4	0.0	-7.2	5.1	-3.1	-13.4	-0.6	1.2
Direction and Force of Winds (0-12)	ENE 3	NE 4	NNW 3	NW 2	NNW 3	WNW 3	W 4	E 2	WNW 5	W 6	WSW 6	WSW 6	NE 2	N 3	WSW 5	NNW 3	NNW 3
Weather	cloudy	cloudy	fair	clear	fair	clear	cloudy	fair	cloudy	snow	clear	snow	clear	clear	clear	clear	cloudy

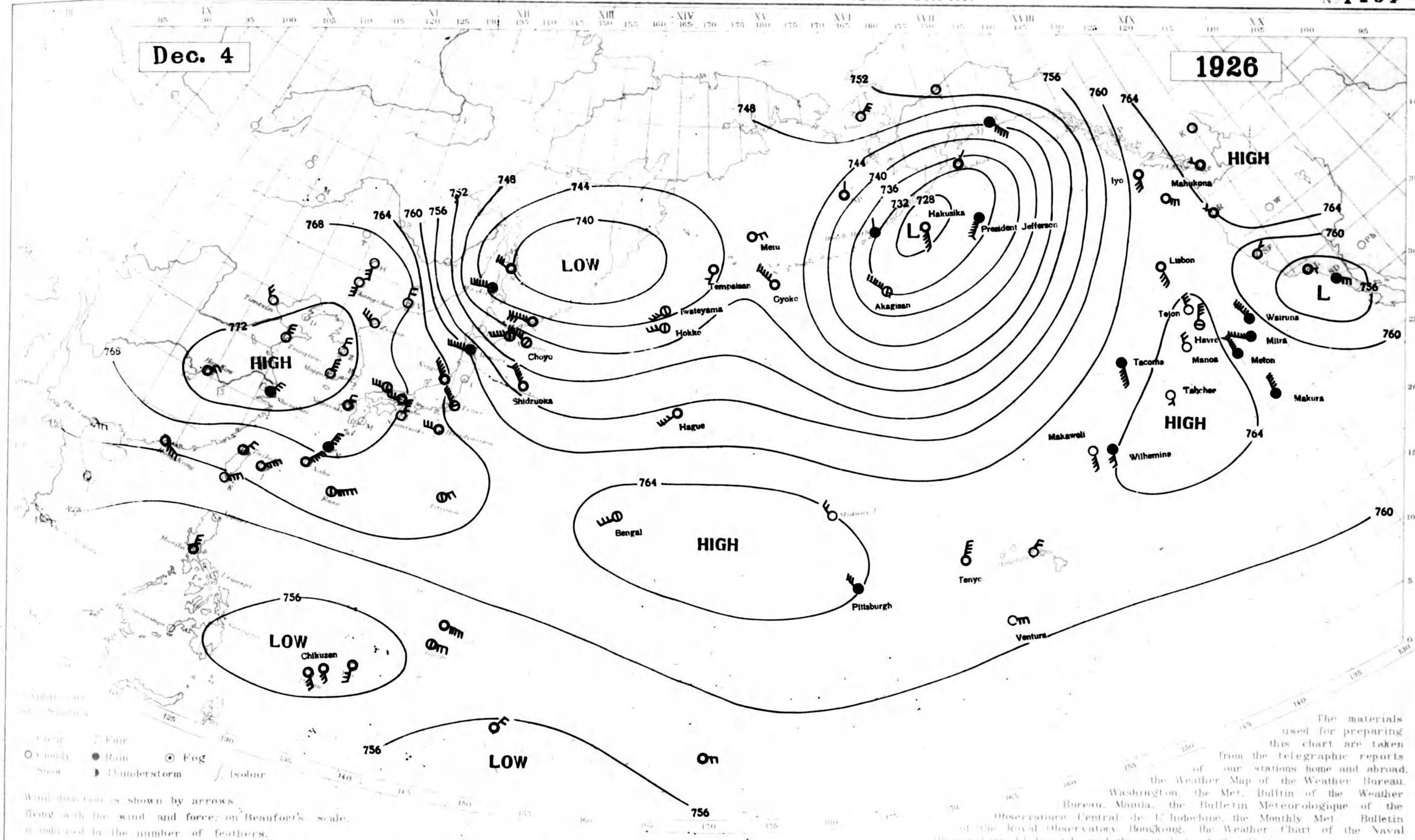
Station	Shanghai 12° 135° E	Hankow 12° 135° E	Rasat 12° 135° E	Peking 12° 135° E	Hongkong 14°	Manila 14°	Surigao 14°	Guan 14°	Yap 14°	Phi Lien 10°	Cap St Jacques 10°	Honolulu 20°	Midway I. 18 : 30°	Nome 20° 135° W	Sitka 20° 135° W	Dutch Harbor 20° 135° W	Kodiak 20° 135° W
Hour of Observation																	
Atm. Pressure (not reduced to Sea Level)	770.2	772.1	764.7	755.3	764.0	758.7	-	757.8	755.7	765.4	761.5	762.5	762.5	756.4	-	736.6	752.3
Air Temperature (in °C)	12.3	7.8	23.6	26.7	23.	27.	-	-	-	21.	26.	24.	19.	-18.	-	6.	7.
Direction and Force of Winds (0-12)	NNE 3	NE 2	NE 5	E 1	ESE 4	NE 2	-	-	-	E 4	E 3	NNE 3	ENE 2	N 2	-	calm	NE -
Weather	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	-	-	-	cloudy	fair	cloudy	cloudy	clear	-	cloudy	cloudy



# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No 1434



Legend for weather symbols:  
 ☁ Cloudy    ☂ Rain    ☁ Fog  
 ❄ Snow    ⚡ Thunderstorm    — Isobar

Wind direction as shown by arrows  
 along 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 Naval Observatory, Vladivostok, and the met. logs of the Steamers.

Station	Trukohu 12°N, 135°E	Naha 12°N, 135°E	Nagasaki 12°N, 135°E	Saigai 12°N, 135°E	Kobe 12°N, 135°E	Yokohama 12°N, 135°E	Hatayoshi 12°N, 135°E	Tokyo 12°N, 135°E	Nagasaki 12°N, 135°E	Amoy 12°N, 135°E	Nemuro 12°N, 135°E	Muska 12°N, 135°E	Mopu 12°N, 135°E	Zyosin 12°N, 135°E	Changchun 12°N, 135°E	Tientsin 12°N, 135°E	Singtau 12°N, 135°E
Barometric pressure (reduced to sea level)	766.0	767.2	770.5	766.4	768.4	762.9	765.1	764.3	766.3	759.8	749.1	742.9	772.4	763.8	769.9	771.4	774.7
Air temperature (1m)	20.8	21.1	7.9	11.3	9.4	10.8	12.4	21.9	4.4	-1.4	0.3	-7.2	8.0	-0.3	-8.9	1.7	0.7
Wind direction and force of Winds (0-12)	NNE 2	NE 5	N 2	N 4	W 3	NW 5	W 3	NE 2	NW 5	W 6	WSW 5	W 6	N 4	WNW 3	S 3	NW 2	N 3
Weather	cloudy	cloudy	cloudy	clear	cloudy	fair	cloudy	fair	cloudy	snow	fair	snow	clear	clear	clear	clear	clear
Station	Shanghai 12°N, 135°E	Hankow 12°N, 135°E	Russia 12°N, 135°E	Peking 12°N, 135°E	Hongkong 14°N	Manila 14°N	Singtau 14°N	Yokohama 14°N	Yap 14°N	Panama 10°N	San Francisco 10°N	Honolulu 20°N	Midway I. 18°N, 155°W	Naha 20°N, 135°E	Sitka 20°N, 135°W	Dutch Harbor 20°N, 135°W	Kodiak 20°N, 135°W
Barometric pressure (reduced to sea level)	772.8	773.3	766.0	755.3	764.3	758.0	-	757.9	756.0	766.5	761.5	762.0	764.0	749.3	-	732.5	735.0
Air temperature (1m)	10.0	7.3	22.8	28.6	22.	-	-	-	-	20.	28.	23.	14.	-	-	6.	6.
Wind direction and force of Winds (0-12)	NNE 3	NE 2	ENE 6	SE 3	ESE 4	N 3	-	E 3	S 3	ENE 3	ENE 2	NE 2	NW 2	NE 3	-	N -	NE -
Weather	rain	cloudy	fair	cloudy	cloudy	cloudy	-	fair	cloudy	cloudy	clear	clear	clear	clear	-	rain	cloudy

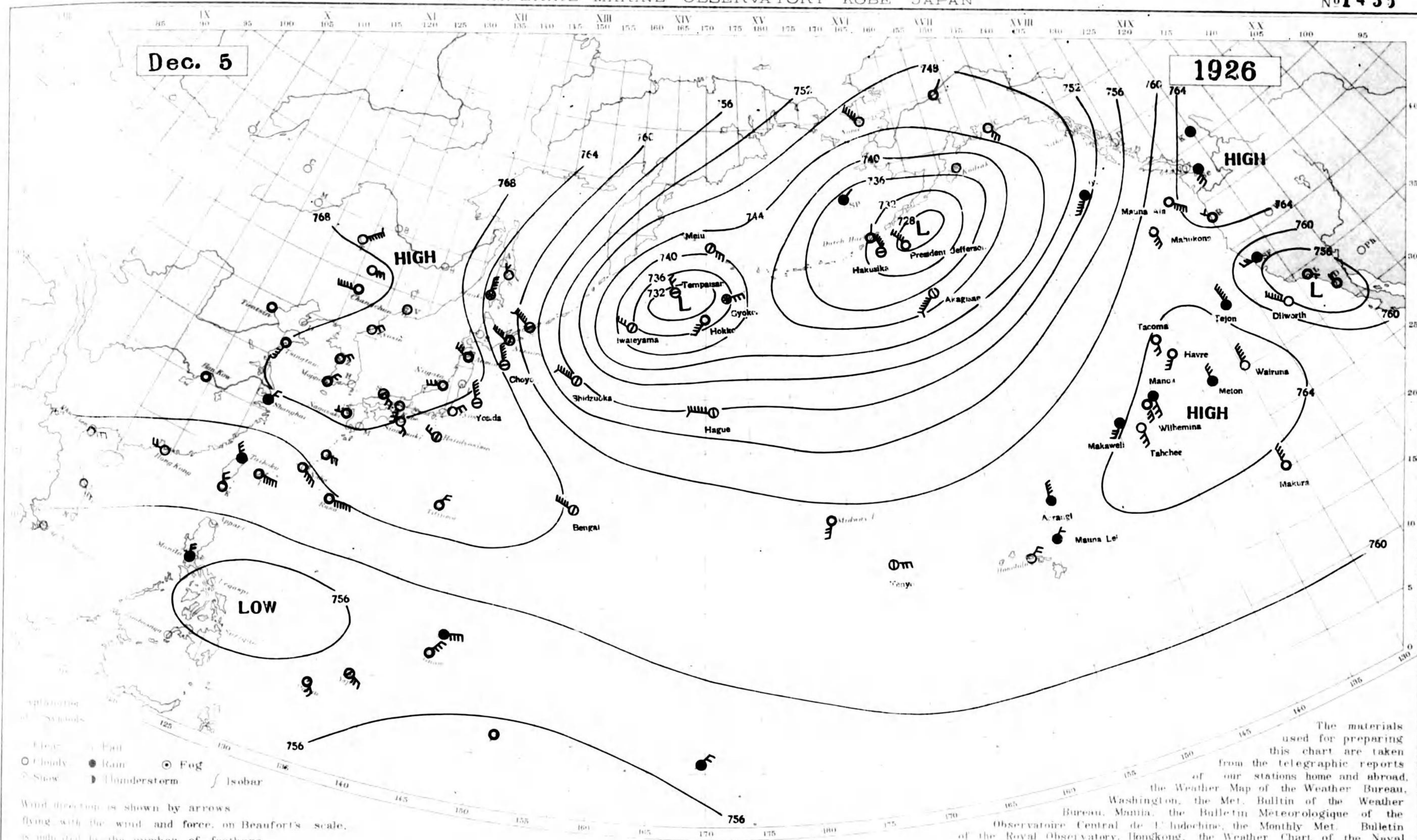


# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 1435



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 Naval Observatory, Vladivostok, and the met. logs of the Steamers.

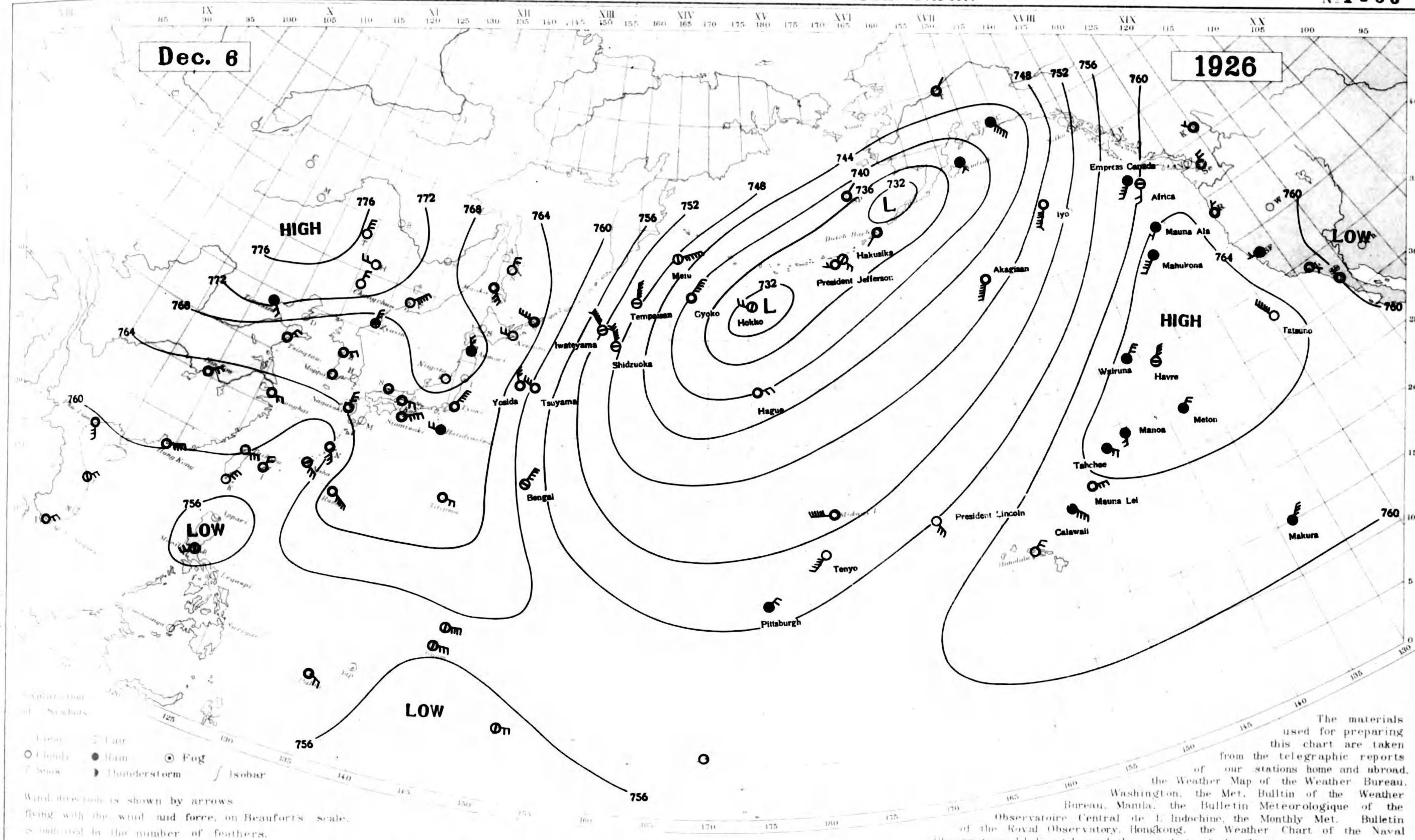
Station	Taihoku 12°N, 135°E	Naha 12°N, 135°E	Nagasaki 12°N, 135°E	Shimonoseki 12°N, 135°E	Kobe 12°N, 135°E	Tyosa 12°N, 135°E	Hatidyosima 12°N, 135°E	Tsuzushima 12°N, 135°E	Niigata 12°N, 135°E	Aomori 12°N, 135°E	Nemuro 12°N, 135°E	Mokoa 12°N, 135°E	Moppe 12°N, 135°E	Zyosin 12°N, 135°E	Changchun 12°N, 135°E	Tientsin 12°N, 135°E	Tsingtau 12°N, 135°E
Barometric Pressure (reduced to Sea Level)	762.6	763.3	768.6	767.9	769.3	767.7	767.4	765.7	770.3	768.4	761.9	763.2	769.5	768.5	765.7	767.6	767.9
Air Temperature (in °C)	20.9	22.8	10.3	12.5	9.9	10.4	13.9	21.1	5.4	2.3	2.5	-0.5	3.3	2.6	-7.1	0.4	9.9
Direction and Force of Winds (0-12)	NW 3	ESE 4	W 1	SE 2	S 3	NE 2	WNW 2	NE 2	WSW 3	WNW 3	WNW 5	N 5	NE 2	NE 2	W 5	- 1	SSW 3
Weather	rain	cloudy	cloudy	clear	clear	clear	fair	cloudy	cloudy	cloudy	fair	cloudy	cloudy	clear	cloudy	cloudy	cloudy
Station	Shanghai 12°N, 135°E	Hankow 12°N, 135°E	Rosa 12°N, 135°E	Pelau 12°N, 135°E	Hongkong 14°N	Manila 14°N	Surigao 14°N	Guam 14°N	Yap 14°N	Phi Lien 10°N	Cap S Jacques 10°N	Honolulu 20°N	Midway I 19°N, 30°W	Nome 20°N, 135°W	Sitka 20°N, 135°W	Dutch Harbor 20°N, 135°W	Kodiak 20°N, 135°W
Barometric Pressure (reduced to Sea Level)	767.2	767.7	763.9	766.7	761.9	756.4	-	758.7	758.0	765.0	760.9	761.5	760.5	744.7	-	731.5	736.1
Air Temperature (in °C)	10.1	9.6	24.0	30.0	22.0	26.0	-	-	-	21.0	27.0	23.0	20.0	-9.0	-	4.0	8.0
Direction and Force of Winds (0-12)	NNE 2	-	E 6	SE 2	W 2	NNW 2	-	NE 3	ESE 3	ENE 3	SW 2	NE 2	S 3	NW 5	-	N -	calm
Weather	rain	cloudy	cloudy	cloudy	clear	rain	-	cloudy	fair	cloudy	cloudy	clear	cloudy	clear	-	cloudy	clear



# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No 1436



Explanation of Symbols

- ☁ 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 Meteorologique of the Observatoire Central de l'Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Naval Observatory, Vladivostok, and the met. logs of the Steamers.

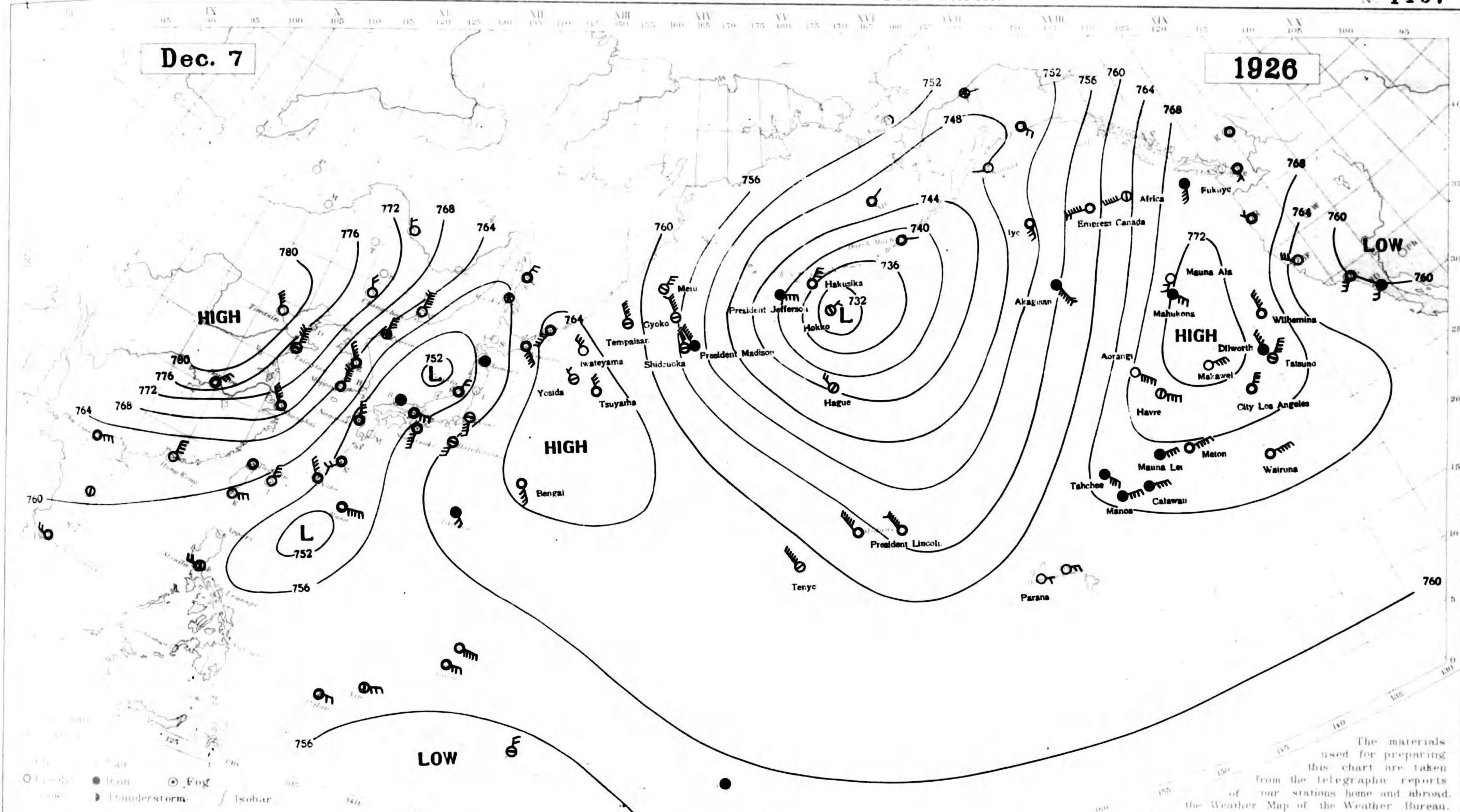
Station	Taihoku 12° 135° E	Naha 12° 135° E	Nagasaki 12° 135° E	Shimonoseki 12° 135° E	Kobe 12° 135° E	Yokohama 12° 135° E	Hatidyosima 12° 135° E	Tokushima 12° 135° E	Nagata 12° 135° E	Aomori 12° 135° E	Nemuro 12° 135° E	Mareka 12° 135° E	Moppe 12° 135° E	Zyosin 12° 135° E	Changchun 12° 135° E	Tientsin 12° 135° E	Tsingtau 12° 135° E
Bar. Pressure (Red. to sea level and Strid. 0°)	760.2	759.3	764.4	766.6	766.9	767.4	768.1	765.3	768.9	769.0	766.2	764.7	765.8	767.9	774.1	772.3	765.5
Air Temperature (in °C)	23.6	25.4	14.3	14.2	11.1	11.4	14.0	21.1	8.0	4.3	3.3	-1.0	8.2	0.7	-14.9	-5.3	7.4
Direction and Force of Winds (0-12)	E 3	ESE 3	N 3	ENE 4	E 2	NNE 5	W 2	E 2	- 1	NNW 2	W 2	SE 3	calm	N 3	N 2	SE 2	NNE 2
Weather	clear	fair	cloudy	cloudy	cloudy	cloudy	rain	cloudy	clear	rain	clear	cloudy	cloudy	snow	clear	rain	cloudy
Station	Shanghai 12° 135° E	Hankow 12° 135° E	Rusa 12° 135° E	Peking 12° 135° E	Hongkong 14°	Manila 14°	Surigao 14°	Guan 14°	Yap 14°	Phi Lien 10°	Cap St 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
Bar. Pressure (Red. to sea level and Strid. 0°)	763.7	763.6	764.8	756.5	760.1	755.3	-	757.5	-	761.2	759.3	761.0	751.3	-	-	754.1	757.1
Air Temperature (in °C)	15.7	9.7	24.4	30.0	21.0	29.0	-	-	-	23.0	26.0	24.0	21.0	-	-	4.0	6.0
Direction and Force of Winds (0-12)	E 2	NE 2	ESE 5	ESE 2	ENE 4	SW 2	-	E 3	-	SSE 3	NE 2	NE 2	N 6	-	-	SW	SE
Weather	cloudy	cloudy	cloudy	cloudy	cloudy	fair	-	fair	-	cloudy	cloudy	clear	cloudy	-	-	cloudy	rain



# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No 1437



○ Fog  
 ● Rain  
 ☁ Cloud  
 ⚡ Thunderstorm  
 — Isobar

Wind direction as shown by arrows  
 blowing with the wind and force on Beaufort's scale  
 indicated by the number of feathers

Station	Ethiopia 12° 13' N, 135° E	Naha 12° 13' N, 135° E	Nagasaki 12° 13' N, 135° E	Singapore 1° 17' N, 103° 47' E	Yokohama 12° 13' N, 135° E	Yokohama 12° 13' N, 135° E	Hatoyosima 12° 13' N, 135° E	Tsuzuma 12° 13' N, 135° E	Naha 12° 13' N, 135° E	Yokohama 12° 13' N, 135° E	Naha 12° 13' N, 135° E	Manila 12° 13' N, 135° E	Alaska 12° 13' N, 135° E	Mopu 12° 13' N, 135° E	Zyosin 12° 13' N, 135° E	Changchun 12° 13' N, 135° E	Tientsin 12° 13' N, 135° E	Tsingtau 12° 13' N, 135° E	
Barometric Pressure (mm Hg)	762.0	757.8	755.6	756.9	755.0	759.1	760.2	762.1	755.2	756.2	762.4	759.9	763.2	760.2	772.9	780.7	774.6		
Temperature (°C)	21.8	23.0	14.3	19.6	18.2	17.4	19.5	19.0	11.8	4.2	4.1	-1.0	3.7	-5.9	-19.3	-11.4	-7.2		
Direction and Force of Winds (0-12)	1 NW	4 NW	4 NNW	5 S	3 E	4 S	3 SSW	2 SE	2 NNE	1 -	5 SE	5 calm	8 N	4 N	2 NNW	4 NW	9 N		
Clouds	cloudy	cloudy	cloudy	cloudy	cloudy	fair	fair	rain	cloudy	rain	cloudy	cloudy	snow	cloudy	snow	clear	clear	fair	
Observation	Shanghai 12° 13' N, 135° E	Hankow 12° 13' N, 135° E	Rosa 12° 13' N, 135° E	Peking 12° 13' N, 135° E	Hongkong 11° 17' N, 114° 15' E	Manila 11° 17' N, 114° 15' E	Yokohama 12° 13' N, 135° E	Guam 14° 15' N, 144° 30' E	Yap 13° 15' N, 142° 30' E	Manila 12° 13' N, 135° E	Yokohama 12° 13' N, 135° E	Manila 12° 13' N, 135° E	Manila 12° 13' N, 135° E	Manila 12° 13' N, 135° E	Manila 12° 13' N, 135° E	Manila 12° 13' N, 135° E	Manila 12° 13' N, 135° E	Manila 12° 13' N, 135° E	Manila 12° 13' N, 135° E
Barometric Pressure (mm Hg)	770.6	779.2	753.9	757.0	762.2	756.6	-	758.1	757.5	763.1	759.8	761.0	756.4	752.3	-	759.1	749.8		
Temperature (°C)	5.8	3.0	24.8	29.5	23.	30.	-	-	-	25.	26.	23.	17.	-14.	-	6.	0.		
Direction and Force of Winds (0-12)	NW 5	NNE 3	E 5	E 2	N 4	W 2	-	E 3	E 3	E 3	W 2	E 2	NW 6	-	-	E -	W -		
Clouds	cloudy	cloudy	cloudy	cloudy	clear	fair	-	cloudy	fair	cloudy	cloudy	clear	cloudy	clear	-	cloudy	clear		

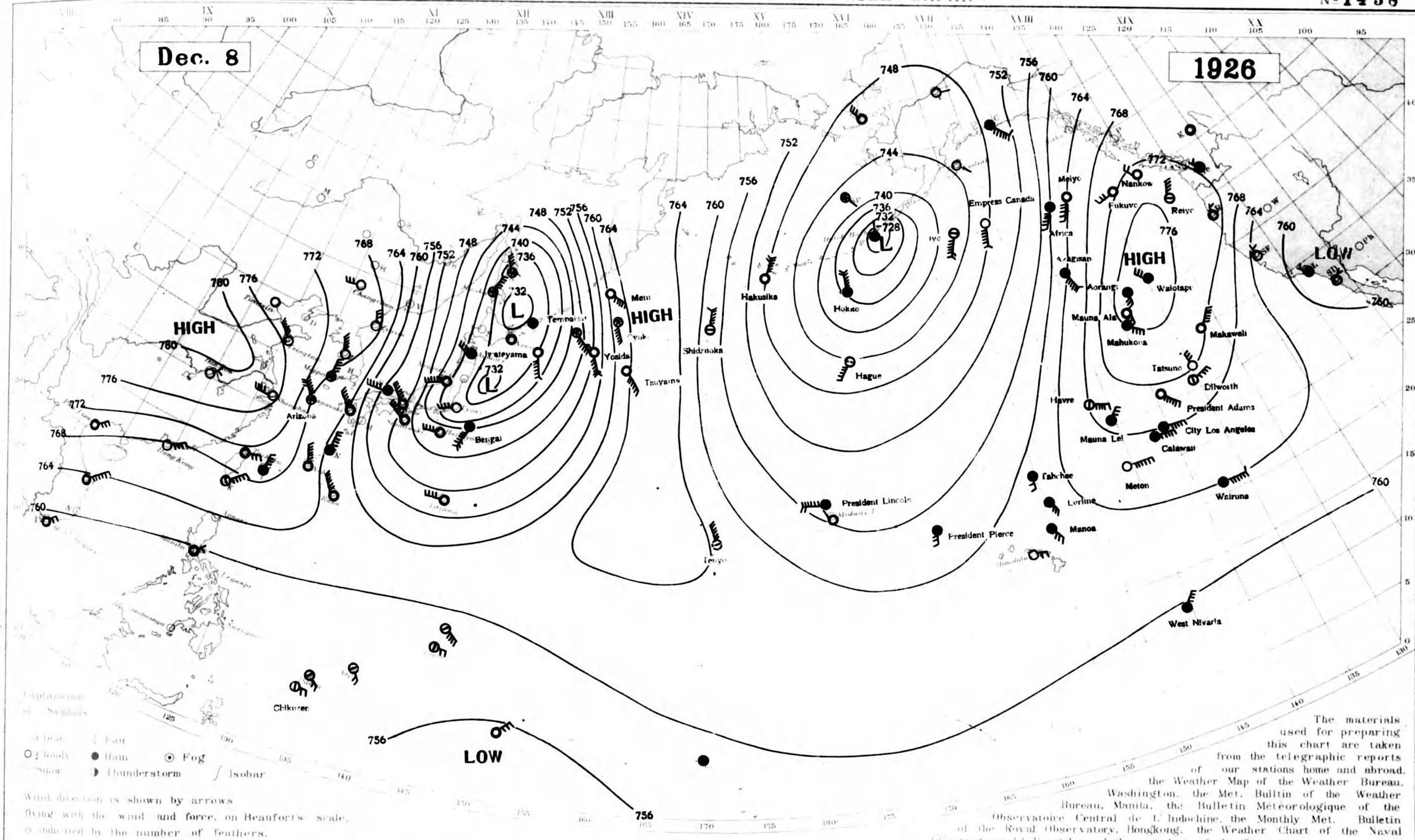
The materials used for preparing this chart are taken from the telegraphic reports of our stations home and abroad, the Weather Map of the Weather Bureau, Washington, the Met. Bulletin of the Weather Bureau, Manila, the Bulletin Meteorologique of the Observatoire Central de l'Indochine, the Monthly Met.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



# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No 1438



Explanation of Symbols  
 ☉ Clear ☁ Cloudy  
 ☂ Rain ☁ Fog  
 ❄ Snow ⚡ Thunderstorm  
 — Isobar

Wind direction is shown by arrows blowing 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 Naval Observatory, Vladivostok, and the met. logs of the Steamers.

Station	Tokoku 12°N, 135°E	Naha 12°N, 135°E	Nagasaki 12°N, 135°E	Shimonoseki 12°N, 135°E	Kobe 12°N, 135°E	Yokohama 12°N, 135°E	Hatidyosima 12°N, 135°E	Tsuzima 12°N, 135°E	Nagata 12°N, 135°E	Yonori 12°N, 135°E	Nemuro 12°N, 135°E	Mioka 12°N, 135°E	Moppo 12°N, 135°E	Zyosin 12°N, 135°E	Changchun 12°N, 135°E	Tientsin 12°N, 135°E	Tsingtau 12°N, 135°E
Bar. (Red to sea level and Sea Gr. not reduced to Sea Gr.)	772.3	765.8	764.0	750.6	754.0	737.4	745.3	752.6	740.4	739.2	732.5	736.5	766.8	768.7	769.0	774.9	775.4
Air Temperature (in C)	9.3	14.1	-0.1	5.5	1.8	16.7	18.2	21.8	5.4	3.8	4.3	-1.8	-5.4	-12.4	-22.2	-8.0	-8.5
Direction and Force of Winds (0-12)	ENE 3	NW 6	NW 6	NW 6	NW 6	WSW 4	W 4	W 4	WSW 6	WNW 3	- 1	NNE 5	N 6	NW 3	W 3	- 1	NW 6
Weather	cloudy	cloudy	cloudy	cloudy	cloudy	clear	cloudy	cloudy	cloudy	rain	cloudy	snow	snow	clear	clear	clear	clear
Station	Shanghai 12°N, 135°E	Hankow 12°N, 135°E	Rusa 12°N, 135°E	Peking 12°N, 135°E	Hongkong 14°N	Manila 14°N	Surigao 14°N	Guan 14°N	Yap 14°N	Phi Lien 10°N	Cap St Jacques 10°N	Honolulu 20°N	Midway I. 14°N, 170°W	Nome 20°N, 135°W	Sitka 20°N, 135°W	Dutch Harbor 20°N, 135°W	Kodiak 20°N, 135°W
Bar. (Red to sea level and Sea Gr. not reduced to Sea Gr.)	776.8	778.5	762.6	757.8	767.6	759.3	-	758.7	758.3	770.4	760.1	761.5	755.4	746.2	-	727.4	744.7
Air Temperature (in C)	-3.9	0.4	19.2	29.9	15.	28.	-	-	-	13.	25.	23.	14.	-12.	-	4.	7.
Direction and Force of Winds (0-12)	W 4	NE 1	NW 6	ESE 2	NE 4	NE 1	-	-	-	E 2	SE 2	NE 3	NE 2	E 2	NW 3	-	SE -
Weather	clear	clear	cloudy	fair	clear	cloudy	-	fair	fair	cloudy	cloudy	clear	cloudy	cloudy	-	rain	cloudy



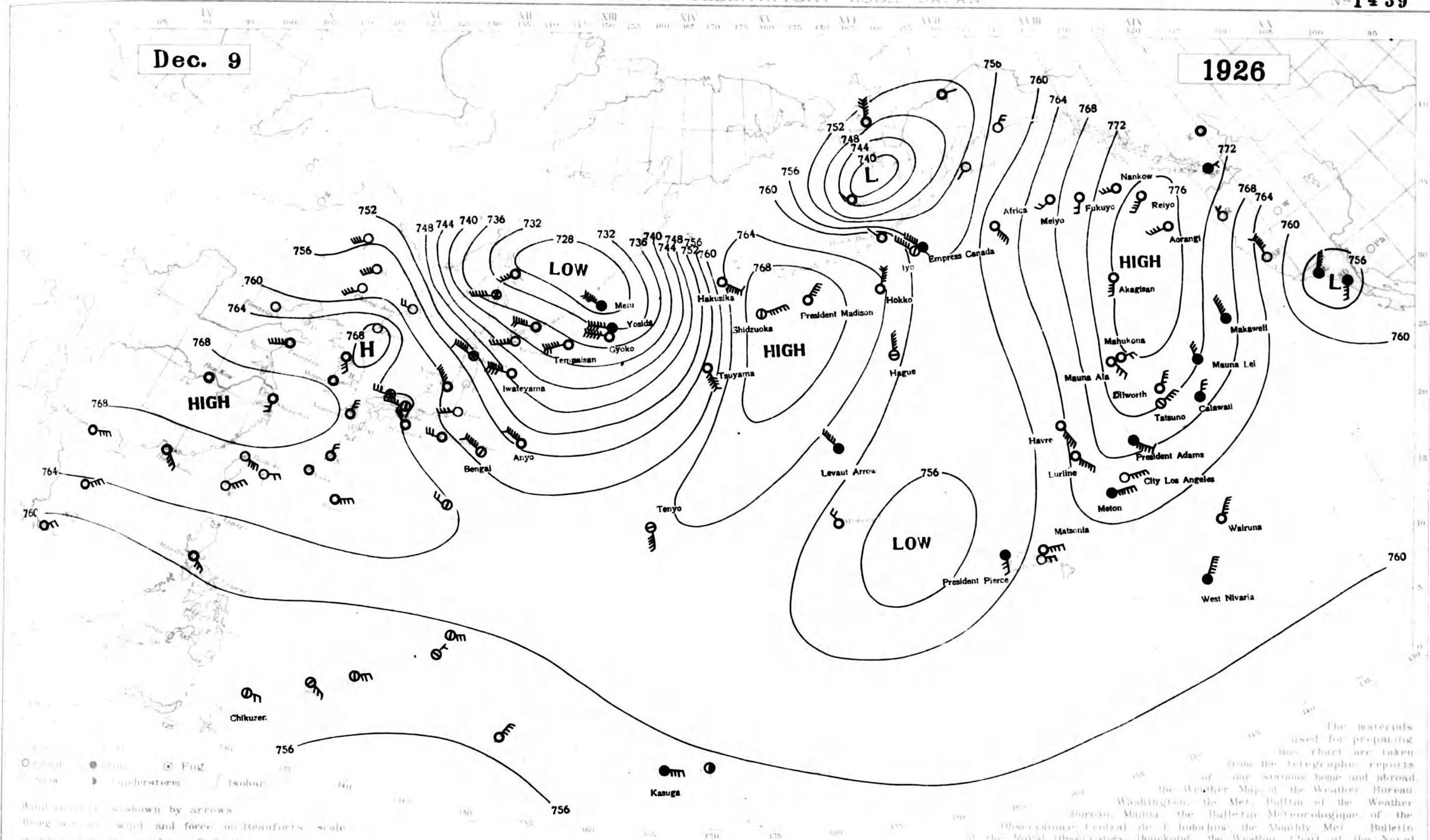
# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No 1439

Dec. 9

1926



Legend:  
 ○ Clear  
 ● Rain  
 ⊙ Fog  
 ☁ Cloud  
 ⚡ Thunderstorm  
 — Isobar

Wind direction is shown by arrows  
 Being set on wind and force on Beaufort's scale  
 denoted in 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, London, the Weather Chart of the Naval Observatory, Tokyo, and the met. logs of the steamers.

	Batavia 12° 13' S 107° 10' E	Solo 12° 13' S 107° 10' E	Nagasaki 32° 13' N 128° 10' E	Shanghai 31° 13' N 121° 10' E	Yokohama 35° 13' N 139° 10' E	Lyons 45° 13' N 4° 10' E	Daravosma 12° 13' S 135° E	Panama 12° 13' S 100° E	Nagasaki 32° 13' N 128° 10' E	Amoy 23° 13' N 113° 10' E	Nankow 23° 13' N 113° 10' E	Alaska 53° 13' N 133° 10' W	Alaska 53° 13' N 133° 10' W	Zyosin 12° 13' S 107° 10' E	Changchun 42° 13' N 125° 10' E	Tientsin 39° 13' N 117° 10' E	Tsingtau 37° 13' N 121° 10' E
Barometer (corrected to Sea Level)	766.5	767.4	767.8	763.7	764.6	757.7	761.6	764.3	759.6	752.0	740.9	733.5	767.7	768.8	767.1	763.6	767.0
Thermometer (corrected to Sea Level)	19.3	16.6	4.2	6.9	4.0	7.8	8.5	17.9	0.7	-6.4	-5.0	-11.0	-2.1	-3.5	-9.4	-3.6	-1.8
Direction and Force of Winds (0-12)	E 4	calm	N 3	NW 4	W 5	WSW 4	W 3	WNW 2	NW 6	WNW 7	WSW 6	WSW 6	- 1	- 1	SW 4	- 1	WSW 5
Remarks	clear	cloudy	cloudy	cloudy	fair	clear	cloudy	cloudy	cloudy	snow	clear	snow	cloudy	clear	clear	clear	cloudy
Barometer (corrected to Sea Level)	770.4	771.4	767.1	757.2	765.8	760.3	-	759.7	759.3	767.9	759.7	760.5	758.4	748.3	-	762.0	752.8
Thermometer (corrected to Sea Level)	0.4	3.1	18.4	30.4	18.	29.	-	-	-	15.	25.	23.	17.	-13.	-	-2.	0.
Direction and Force of Winds (0-12)	S 2	- 1	ENE 4	ESE 3	ESE 4	ESE 3	-	NE 1	ENE 3	ENE 4	NE 2	E 2	NW 2	N 9	-	NW -	SW -
Remarks	cloudy	cloudy	cloudy	fair	cloudy	cloudy	-	fair	fair	cloudy	cloudy	clear	cloudy	cloudy	-	cloudy	clear

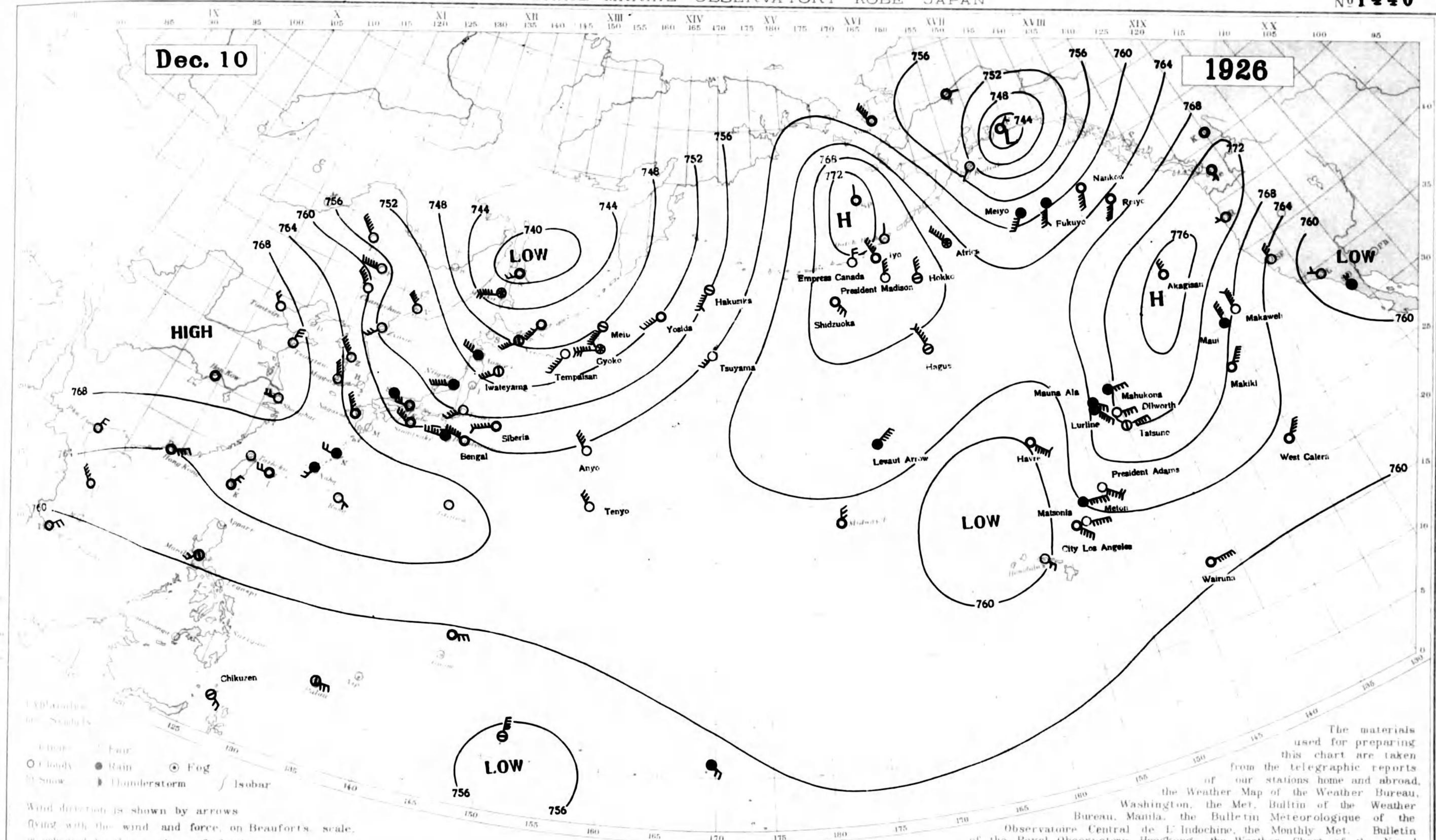


# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 1440



☁ Cloudy  
 ☉ Rain  
 ☁ Fog  
 ❄ Snow  
 ⚡ Thunderstorm  
 — Isobar

Wind direction is shown by arrows  
 (going 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 Meteorologique of the Observatoire Central de L'Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Naval Observatory, Vladivostok, and the met. logs of the Steamers.

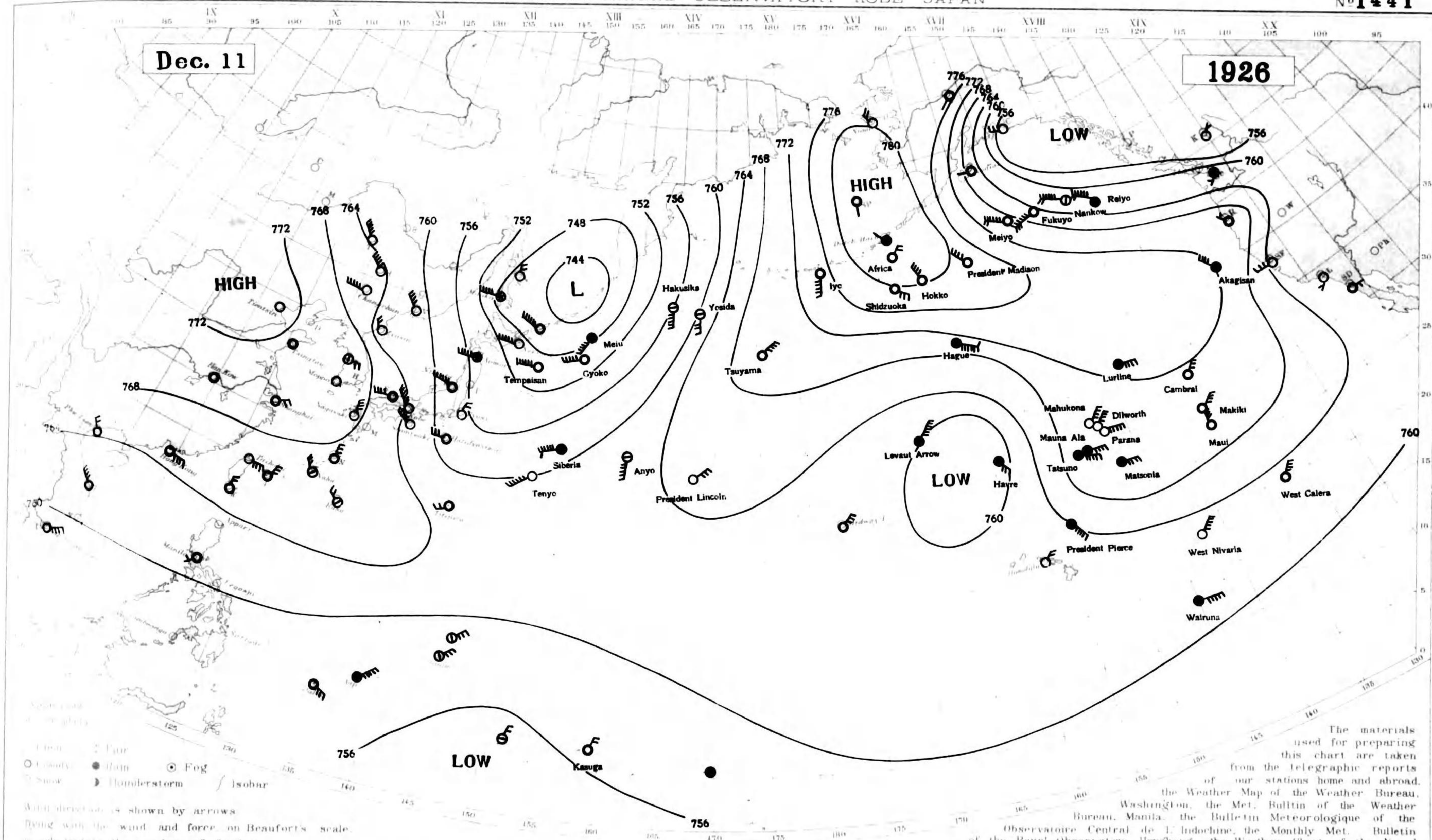
Station	Tsukuba 12 <sup>h</sup> , 135° E	Naha 12 <sup>h</sup> , 135° E	Nagasaki 12 <sup>h</sup> , 135° E	Stomachi 12 <sup>h</sup> , 135° E	Kobe 12 <sup>h</sup> , 135° E	Tyosai 12 <sup>h</sup> , 135° E	Hatidyosima 12 <sup>h</sup> , 135° E	Tsuzima 12 <sup>h</sup> , 135° E	Niigata 12 <sup>h</sup> , 135° E	Aomori 12 <sup>h</sup> , 135° E	Nemuro 12 <sup>h</sup> , 135° E	Macka 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 (reduced to Sea Level)	765.9	765.2	762.5	759.9	759.3	756.0	760.2	765.2	754.1	760.9	747.6	742.4	764.1	755.8	760.5	769.0	768.7
Air Temperature (in C)	20.3	20.8	11.9	13.4	11.4	11.6	12.8	20.0	7.4	3.3	3.9	-6.2	7.6	-2.2	-13.6	-1.6	-0.1
Direction and Force of Winds (0-12)	clear	SSW 2	NW 5	WNW 4	W 3	SW 4	W 5	- 1	WSW 6	WNW 4	SW 5	WSW 8	NNW 5	SW 3	NW 5	NW 2	N 3
Weather	clear	rain	cloudy	cloudy	cloudy	clear	rain	clear	rain	clear	fair	snow	clear	clear	clear	clear	clear
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>	Phi Lien 10 <sup>h</sup>	Cap St Jacques 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 (reduced to Sea Level)	768.5	769.9	766.0	758.1	764.0	760.1	-	-	-	766.5	760.8	759.5	763.5	758.4	-	770.1	752.3
Air Temperature (in C)	6.8	7.0	22.6	30.3	20.	28.	-	-	-	17.	27.	23.	17.	-13.	-	-1.	-3.
Direction and Force of Winds (0-12)	W 2	- 1	ESE 1	E 3	ENE 4	SW 2	-	-	-	N 2	NE 2	SE 2	N 3	NW 5	-	N -	SW -
Weather	clear	cloudy	clear	fair	cloudy	fair	-	-	-	cloudy	cloudy	clear	cloudy	cloudy	-	snow	clear



# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No 1441



☉ Clear    ☁ Partly  
 ☁ Cloudy    ☔ Rain    ☁ Fog  
 ❄ Snow    ⚡ Thunderstorm    — Isobar

Wind direction is shown by arrows  
 Flying with the wind and force on Beaufort's scale  
 and 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 Naval Observatory, Vladivostok, and the met. logs of the Steamers.

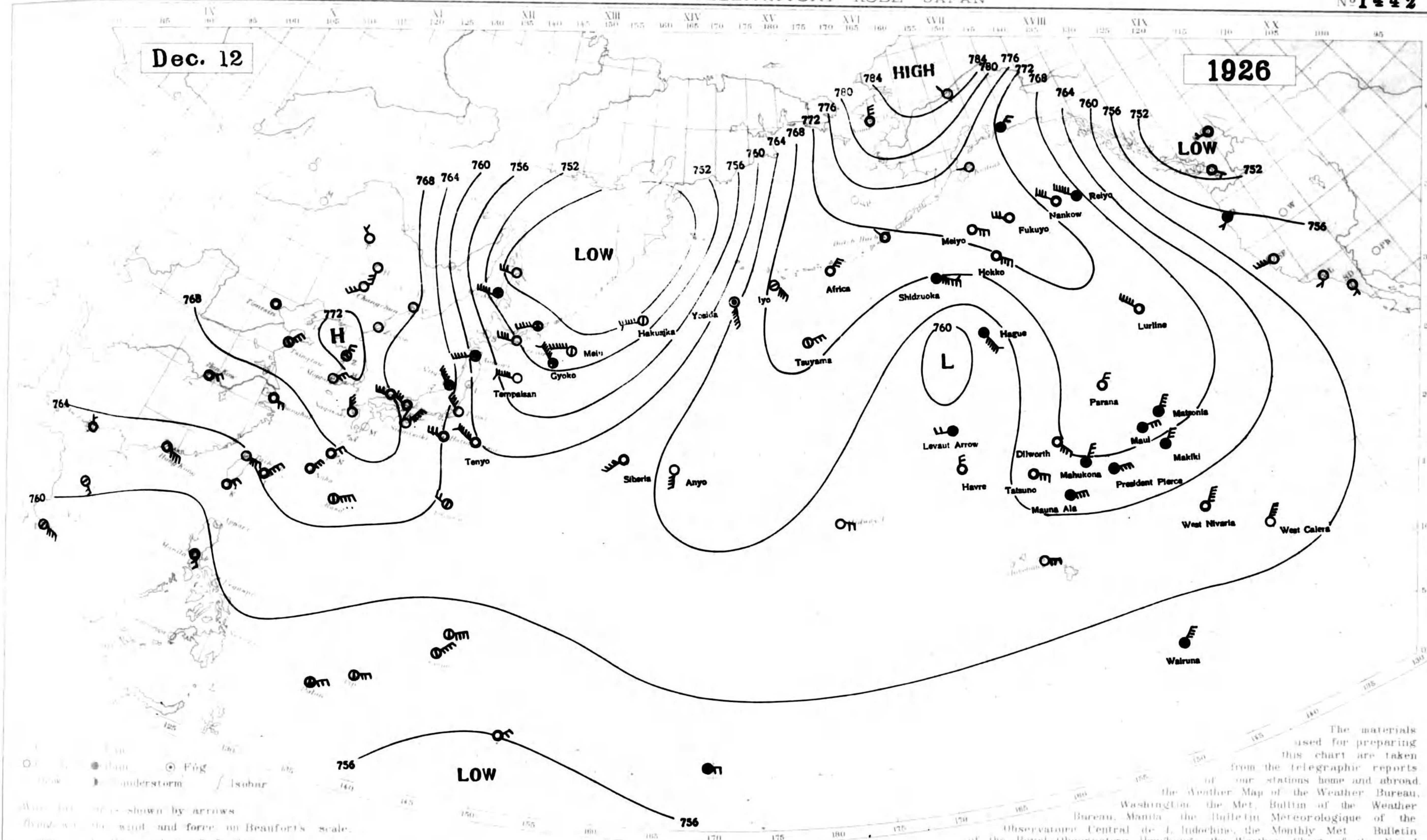
Station	Taihoku 12°N, 135°E	Naha 12°N, 135°E	Nagasaki 12°N, 135°E	Simsuiki 12°N, 135°E	Kobe 12°N, 135°E	Tyosai 12°N, 135°E	Hatsuyosima 12°N, 135°E	Tsuzima 12°N, 135°E	Nagata 12°N, 135°E	Aomori 12°N, 135°E	Nemuro 12°N, 135°E	Muroka 12°N, 135°E	Moppo 12°N, 135°E	Zyosin 12°N, 135°E	Changchun 12°N, 135°E	Tientsin 12°N, 135°E	Tsingtau 12°N, 135°E
Barometric Pressure (in Hg) not reduced to Sea Level	766.0	766.1	768.9	761.4	764.0	756.2	758.5	762.5	757.6	755.6	749.6	747.8	770.1	762.2	765.7	772.3	770.5
Air Temperature (in C)	22.1	20.3	7.1	10.5	7.4	8.6	13.6	21.4	5.4	-2.4	-2.5	-10.4	4.7	-4.7	-13.1	-2.8	4.5
Direction and Force of Winds (0-12)	E 4	NW 3	N 4	NW 5	NW 6	NNE 2	W 3	WSW 2	WNW 7	W 5	W 5	W 5	- 1	NW 2	W 5	- 1	- 1
Weather	clear	fair	clear	clear	clear	clear	cloudy	cloudy	cloudy	snow	clear	snow	clear	clear	clear	clear	cloudy
Station	Shanghai 12°N, 135°E	Hankow 12°N, 135°E	Rangoon 12°N, 135°E	Pulau 12°N, 135°E	Hongkong 14°N	Manila 14°N	Sourabaya 14°N	Guan 14°N	Yap 14°N	Phi Lien 10°N	Cap St Jacques 10°N	Honolulu 20°N	Midway I 10°N, 30°W	Nome 20°N, 135°W	Sitka 20°N, 135°W	Dutch Harbor 20°N, 135°W	Kodiak 20°N, 135°W
Barometric Pressure (in Hg) not reduced to Sea Level	768.7	769.7	765.0	757.1	764.3	760.5	-	757.8	757.6	765.6	760.2	760.5	761.5	779.8	-	780.3	764.5
Air Temperature (in C)	10.3	8.0	22.4	28.7	19.	26.	-	-	-	19.	27.	24.	17.	-16.	-	1.	1.
Direction and Force of Winds (0-12)	ESE 2	calm	NW 2	ESE 3	E 4	SW 1	-	-	-	NE 3	NE 5	NW 2	ENE 4	NE 2	NE 3	NW 2	W -
Weather	cloudy	cloudy	fair	cloudy	cloudy	cloudy	-	fair	rain	cloudy	cloudy	clear	cloudy	clear	-	rain	cloudy



# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No 1442



○ Rain    ☉ Fog  
 ☁ Cloud    ⚡ Thunderstorm    — Isobar  
 Wind direction shown by arrows  
 Feathers show the wind and force on Beaufort's scale  
 Number of feathers the number of fathoms

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 Naval Observatory, Vladivostok, and the met. logs of the Steamers.

Station	Taihoku 12° 135° E	Naha 12° 135° E	Nagasaki 12° 135° E	Suisunaki 12° 135° E	Kobe 12° 135° E	Yoshi 12° 135° E	Hatayama 12° 135° E	Tsuzuma 12° 135° E	Niigata 12° 135° E	Aomori 12° 135° E	Nemuro 12° 135° E	Moroka 12° 135° E	Moppo 12° 135° E	Zyosin 12° 135° E	Chang-hai 12° 135° E	Tientsin 12° 135° E	Tsingtau 12° 135° E
Barometer	763.7	766.1	769.6	766.4	768.2	761.0	764.0	763.5	765.2	759.7	753.0	750.4	770.4	768.6	770.2	769.6	770.1
Thermometer	26.0	20.7	8.6	10.0	6.8	9.8	10.4	19.9	1.7	-4.3	-4.3	-10.7	8.2	-1.5	-9.8	-1.4	7.2
Force of Winds (12)	E 4	NNE 3	NNW 3	NNE 5	WNW 3	NW 4	W 3	WNW 2	NW 5	WSW 5	W 4	W 5	NE 3	- 1	SW 3	- 1	NNE 3
Weather	clear	cloudy	clear	clear	cloudy	clear	cloudy	fair	snow	fog	clear	snow	clear	clear	clear	cloudy	fair
Station	Shanghai 12° 135° E	Hankow 12° 135° E	Rusa 12° 135° E	Pidai 12° 135° E	Hongkong 14°	Manila 14°	Surigao 14°	Guram 14°	Yap 14°	Phi Lien 10°	Cap St Jacques 10°	Honolulu 20°	Midway I 18 : 30°	None 20° 135° W	Sitka 20° 135° W	Dutch Harbor 20° 135° W	Kodiak 20° 135° W
Barometer	767.3	766.6	765.7	766.9	763.4	759.3	-	757.4	757.6	763.8	760.4	761.0	763.5	762.3	-	771.6	773.2
Thermometer	11.4	7.8	22.0	29.9	19.	29.	-	-	-	21.	27.	24.	17.	-11.	-	2.	1.
Force of Winds (12)	E 2	ENE 2	ENE 4	ENE 3	E 4	SE 2	-	NE 4	ENE 3	NW 1	E 4	E 3	E 2	N 3	-	NW	W
Weather	cloudy	cloudy	fair	fair	cloudy	cloudy	-	fair	fair	cloudy	fair	clear	clear	cloudy	-	rain	clear



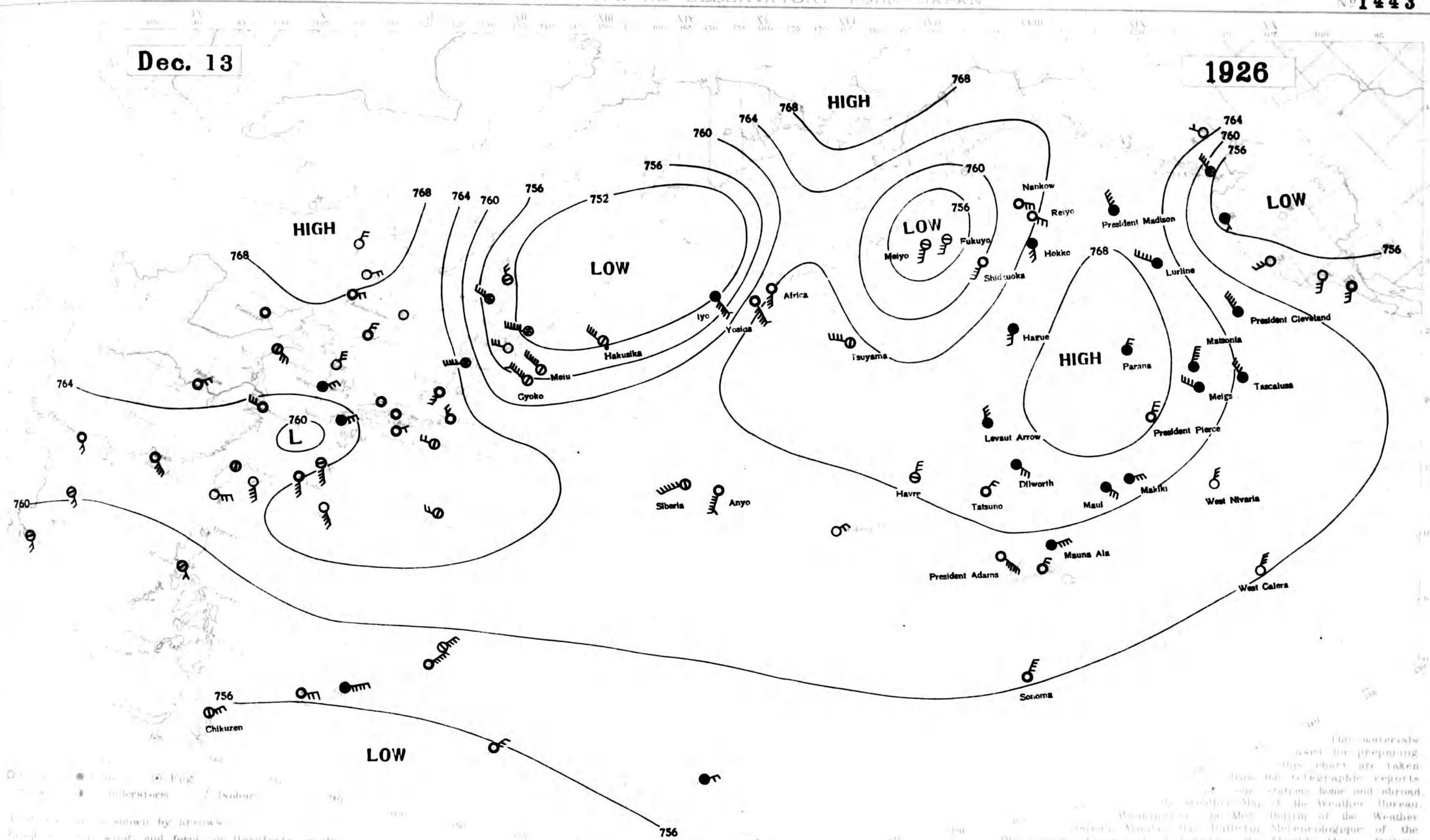
# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(North of the meridian of 135° E.)  
THE IMPERIAL MARINE OBSERVATORY FOR JAPAN

No 1443

Dec. 13

1926



This chart was prepared for the purpose of showing the general character of the weather in the North Pacific Ocean. The data are taken from the reports of the stations here and abroad. The chart is published by the Imperial Marine Observatory, Tokyo, Japan.

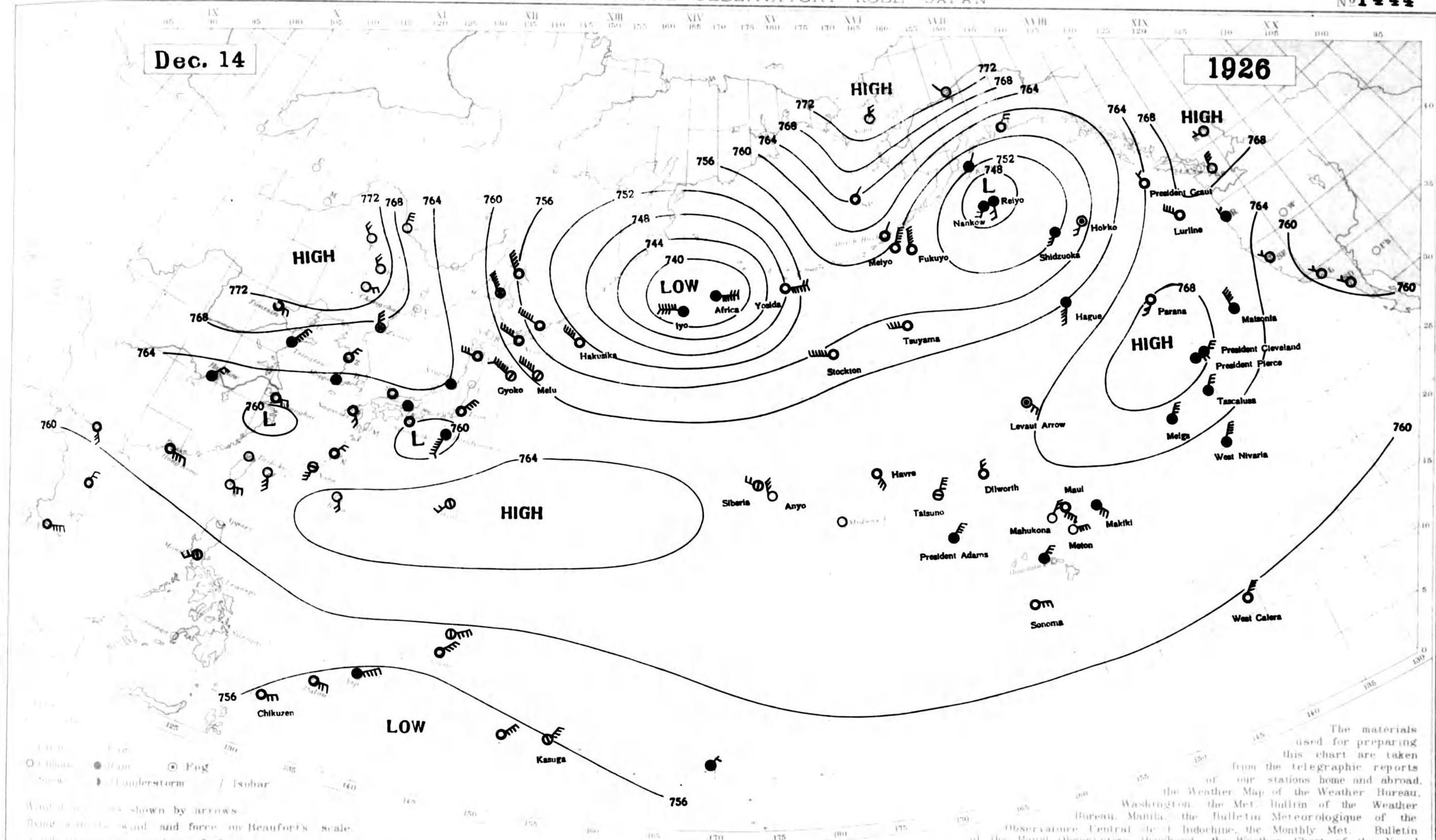
Station	Temperature	Barometer	Wind	Clouds	Visibility	Remarks
Yokohama	762.6	764.0	24.4	fair	- 1 SSE	cloudy
Shanghai	763.4	766.0	10.6	W 3	NNE 2	cloudy
Nankow	764.0	766.0	7.4	NNE 2	cloudy	
Yokohama	763.0	763.0	6.4	NE 3	SE 4	rain
Shanghai	766.4	766.4	12.4	NE 1	ENE 3	cloudy
Yokohama	767.5	767.5	6.6	- 1	ESE 4	cloudy
Shanghai	765.5	765.5	6.0	NW 2	SE 1	cloudy
Yokohama	766.4	766.4	12.4	W 2	SE 1	fair
Shanghai	765.6	765.6	19.9	W 2	SE 1	fair
Yokohama	767.4	767.4	3.8	SSW 3	ENE 5	rain
Shanghai	762.4	762.4	1.1	WSW 5	ESE 2	cloudy
Yokohama	755.1	755.1	0.7	W 3	SE 2	fair
Shanghai	753.9	753.9	- 5.0	WNW 4	NE 3	rain
Yokohama	767.4	767.4	0.4	N 2	ENE 2	cloudy
Shanghai	767.6	767.6	- 9.8	ENE 2	- 1	cloudy
Yokohama	767.0	767.0	2.0	-	-	fair
Shanghai	765.9	765.9	7.5	ESE 3	-	



# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No 1444



Legend:  
 ○ Clouds  
 ● Rain  
 ⊙ Fog  
 ⚡ Thunderstorm  
 — Isobar

Wind direction shown by arrows  
 Wind force shown on Beaufort's scale  
 Cloudiness shown by 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 Naval Observatory, Yokohama, and the met. logs of the Steamers.

Station	Tokoku 12° 135 E	Naha 12° 135 E	Nagasaki 12° 135 E	Singapore 12° 135 E	Kobe 12° 135 E	Yokohama 12° 135 E	Hatidyosima 12° 135 E	Tsushima 12° 135 E	Niigata 12° 135 E	Amoy 12° 135 E	Nemuro 12° 135 E	Mokoa 12° 135 E	Moppo 12° 135 E	Zyosin 12° 135 E	Changchun 12° 135 E	Tientsin 12° 135 E	Tsingtau 12° 135 E
Pressure	761.4	763.1	763.6	760.1	762.9	761.4	757.9	764.7	763.9	763.6	758.5	759.2	763.8	767.4	774.0	771.7	766.5
Temp. (C)	26.6	24.7	13.4	13.9	7.9	10.7	16.8	21.4	5.0	3.0	-1.1	-4.8	6.5	1.0	-13.3	-3.6	3.9
Wind (Dir & Force)	- 1	S 3	SE 2	- 1	- 1	NE 4	SSW 7	SW 2	- 1	W 3	WNW 5	NW 6	- 1	NNW 3	ESE 2	E 2	NNE 5
Weather	clear	fair	cloudy	cloudy	rain	cloudy	rain	fair	rain	cloudy	cloudy	snow	rain	snow	clear	cloudy	rain
Station	Shanghai 12° 135 E	Hankow 12° 135 E	Rangoon 12° 135 E	Batavia 12° 135 E	Hongkong 14°	Manila 14°	Surabaya 14°	Guzam 14°	Yap 14°	Phi Lien 10°	Cap St Jacques 10°	Honolulu 20°	Midway I 18° 20°	Nome 20° 135 W	Sitka 20° 135 W	Dutch Harbor 20° 135 W	Kodiak 20° 135 W
Pressure	760.8	762.9	764.7	755.8	760.1	759.1	-	757.9	756.7	761.9	760.2	760.5	762.0	772.3	-	741.7	766.3
Temp. (C)	12.8	7.4	25.0	29.7	23.	29.	-	-	-	23.	26.	21.	18.	-18.	-	1.	3.
Wind (Dir & Force)	E 2	NNE 2	SE 2	E 3	E 4	SW 2	-	NE 4	ESE 5	SE 3	ESE 4	NE 3	calm	N 2	-	NE -	NE -
Weather	cloudy	rain	clear	cloudy	cloudy	fair	-	cloudy	rain	cloudy	cloudy	rain	clear	clear	-	cloudy	rain



# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No 1445



○ Wind  
 ● Rain  
 ⊙ Fog  
 ☉ Thunderstorm  
 — Isobar  
 Wind direction as shown by arrows  
 Force of the wind and force on Beaufort's scale  
 Height of 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 Naval Observatory, Vladivostok, and the met. logs of the Steamers.

Observation	Tsukuba 12° 135E	Saku 12° 135E	Nagasaki 12° 135E	Suisan 12° 135E	Kobe 12° 135E	Yokohama 12° 135E	Hiroshima 12° 135E	Tokyo 12° 135E	Nagoya 12° 135E	Amoy 12° 135E	Shanghai 12° 135E	Mokoa 12° 135E	Mopu 12° 135E	Zyosin 12° 135E	Changchun 12° 135E	Tientsin 12° 135E	Tsingtau 12° 135E
Barometric Pressure (reduced to Sea Level)	762.0	761.7	757.5	756.0	759.8	761.4	758.0	760.8	762.8	763.0	762.1	755.5	755.9	762.7	769.8	773.6	772.3
Thermometer (at 5m)	23.5	25.3	22.4	11.4	8.6	6.0	12.6	22.5	3.8	2.1	0.1	-3.6	6.8	-2.2	-13.3	-2.8	-1.4
Direction and Force of Winds (0-12)	1 SSW 4 cloudy	4 SSW 4 cloudy	3 N 3 cloudy	4 ENE 4 rain	1 WNW 1 rain	3 NNE 3 rain	3 NE 3 rain	3 SW 3 clear	calm rain	3 WSW 3 cloudy	6 NW 6 snow	7 NNW 7 snow	3 NNE 3 rain	2 NNE 2 cloudy	3 ENE 3 cloudy	1 N 1 cloudy	4 N 4 clear
Observation	Shanghai 12° 135E	Hankow 12° 135E	Kobe 12° 135E	Peking 12° 135E	Hongkong 14°	Manila 14°	Sourabaya 14°	Cebu 14°	Yap 14°	Phi Lien 10°	Cap S. Jaques 10°	Honolulu 20°	Midway I 19° 30°	Nome 20° 135W	Sitka 20° 135W	Dutch Harbor 20° 135W	Kodiak 20° 135W
Barometric Pressure (reduced to Sea Level)	767.1	767.6	761.4	756.5	760.7	758.9	-	757.0	756.2	762.4	760.9	760.0	761.5	757.9	-	753.4	740.1
Thermometer (at 5m)	9.4	5.4	26.3	27.6	22.	29.	-	-	-	24.	27.	22.	18.	-17.	-	1.	2.
Direction and Force of Winds (0-12)	3 NNW 3 cloudy	2 NE 2 rain	3 SW 3 fair	2 E 2 cloudy	1 E 1 cloudy	1 W 1 cloudy	-	3 NE 3 fair	5 ENE 5 rain	2 SE 2 cloudy	3 ENE 3 fair	2 N 2 rain	calm cloudy	2 N 2 rain	-	N cloudy	W snow

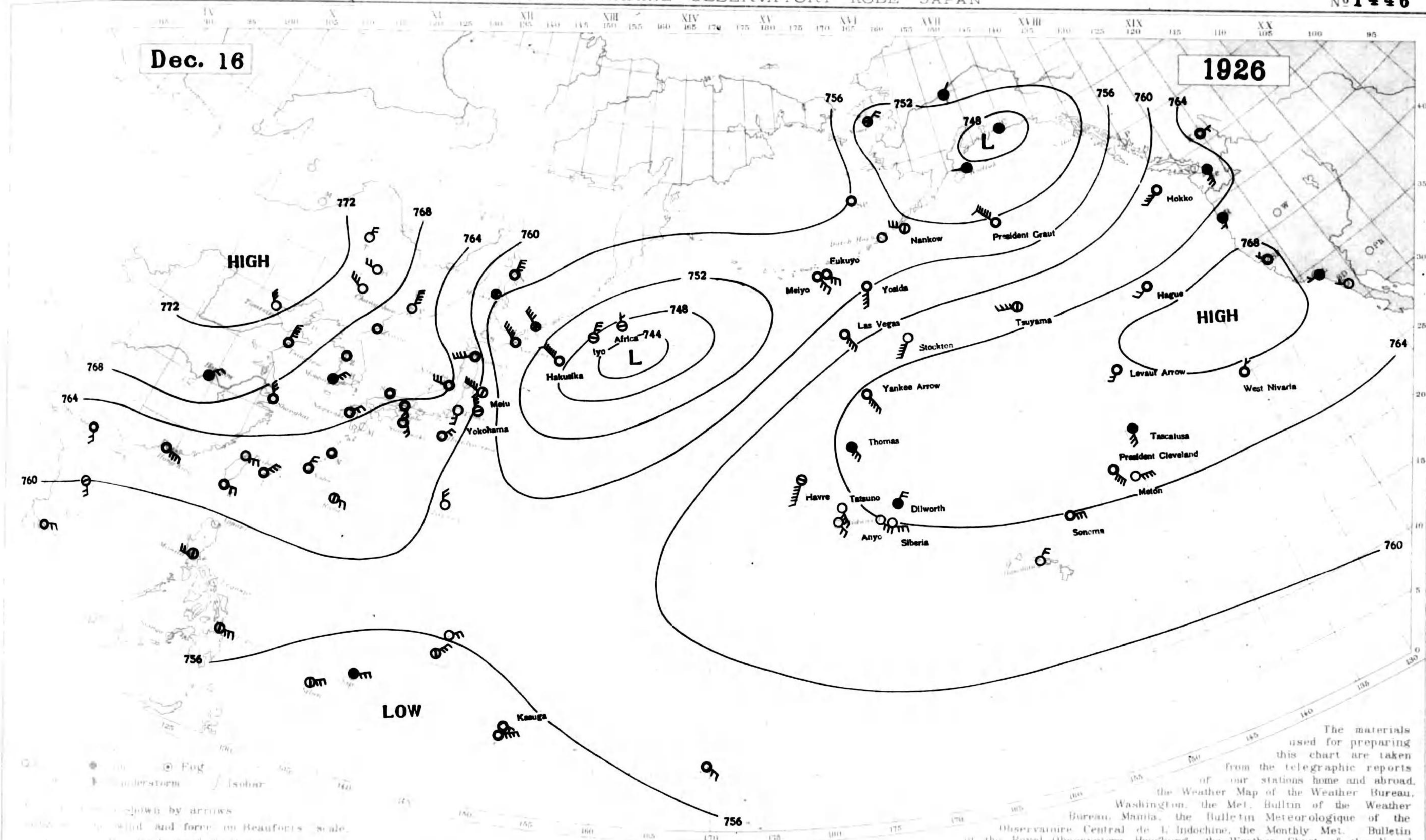


# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 1446



○ Fog  
 ☁ Understorm  
 — Isobar  
 — shown by arrows  
 — Wind and force in Beaufort's scale.  
 — 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 Naval Observatory, Vladivostok, and the met. logs of the Steamers.

	Batavia 12° 135 E	Naha 12° 135 E	Nagasaki 12° 135 E	Shimonoseki 12° 135 E	Kobe 12° 135 E	Yokohama 12° 135 E	Hatayama 12° 135 E	Tsuzuma 12° 135 E	Niigata 12° 135 E	Aomori 12° 135 E	Nemuro 12° 135 E	Moroka 12° 135 E	Mopu 12° 135 E	Zyosin 12° 135 E	Changchun 12° 135 E	Tientsin 12° 135 E	Tsingtau 12° 135 E
Temperature	762.4	761.9	764.1	762.0	763.8	762.0	762.2	759.0	764.1	761.2	755.6	756.0	766.1	765.5	769.1	772.6	770.2
Wind	E 3	N 2	NE 2	SE 2	SSE 2	S 2	NE 2	NNW 2	W 3	WSW 4	NW 5	calm	NNE 3	1.0	WNW 3	NW 3	N 5
Clouds	clear	cloudy	cloudy	cloudy	cloudy	clear	cloudy	clear	cloudy	cloudy	cloudy	snow	rain	cloudy	clear	clear	cloudy
	Shanghai 12° 135 E	Hankow 12° 135 E	Kusan 12° 135 E	Peking 12° 135 E	Hongkong 14°	Manila 14°	SURIGAO 14°	Guan 14°	Yap 14°	Phi Lien 10°	Cap St 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
Temperature	767.5	770.7	760.4	755.5	761.3	758.1	757.1	756.9	755.6	762.3	760.8	762.0	762.5	751.8	-	752.8	748.8
Wind	NNW 3	NNE 3	E 2	ESE 3	E 4	W 2	E 3	NE 3	ENE 3	SSE 2	ENE 2	NE 2	SE 2	NE 2	-	calm	-
Clouds	cloudy	rain	fair	fair	cloudy	fair	fair	fair	rain	cloudy	cloudy	clear	clear	snow	-	clear	rain

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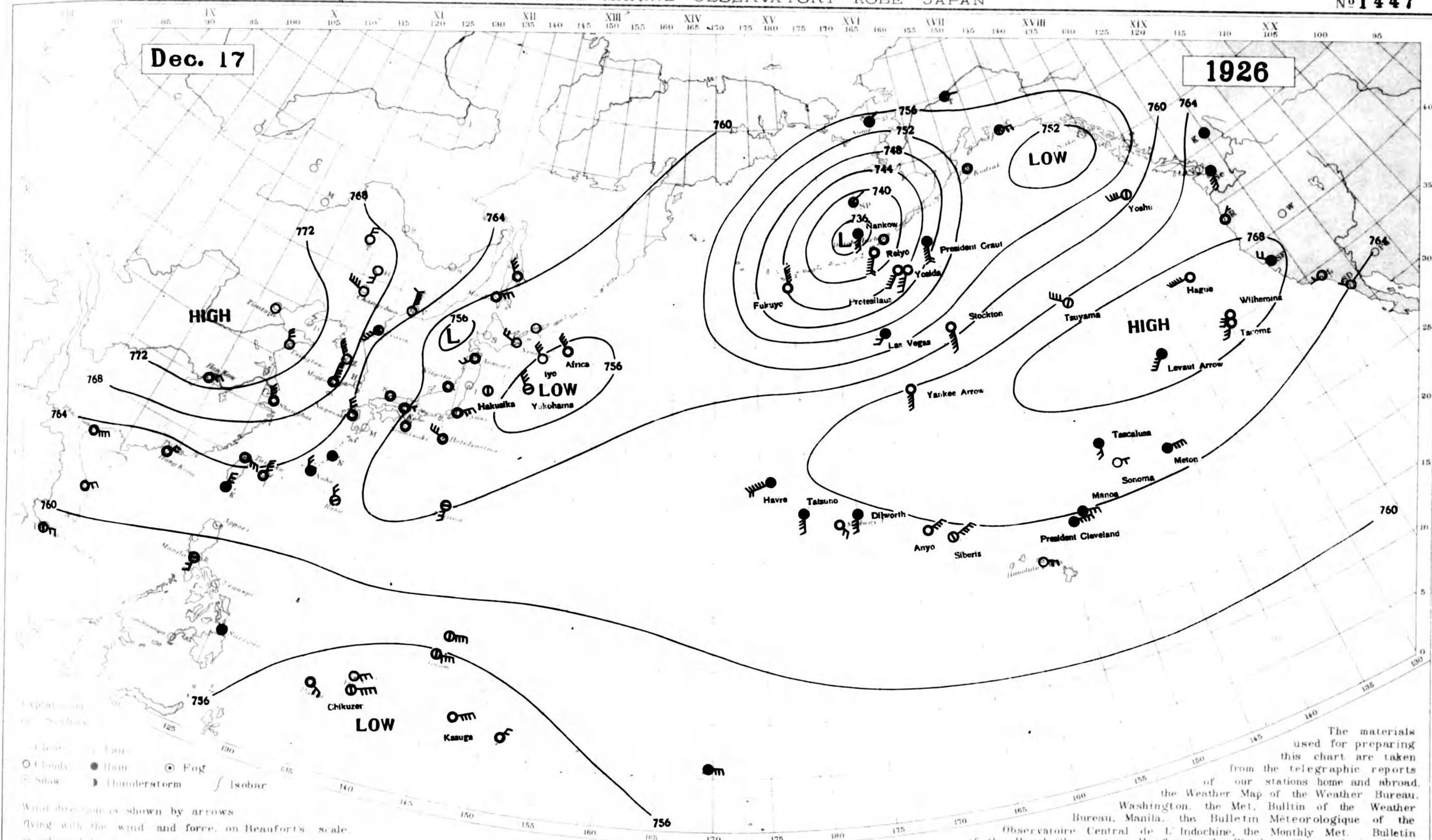
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# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No 1447



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 Naval Observatory, Vladivostok, and the met. logs of the Steamers.

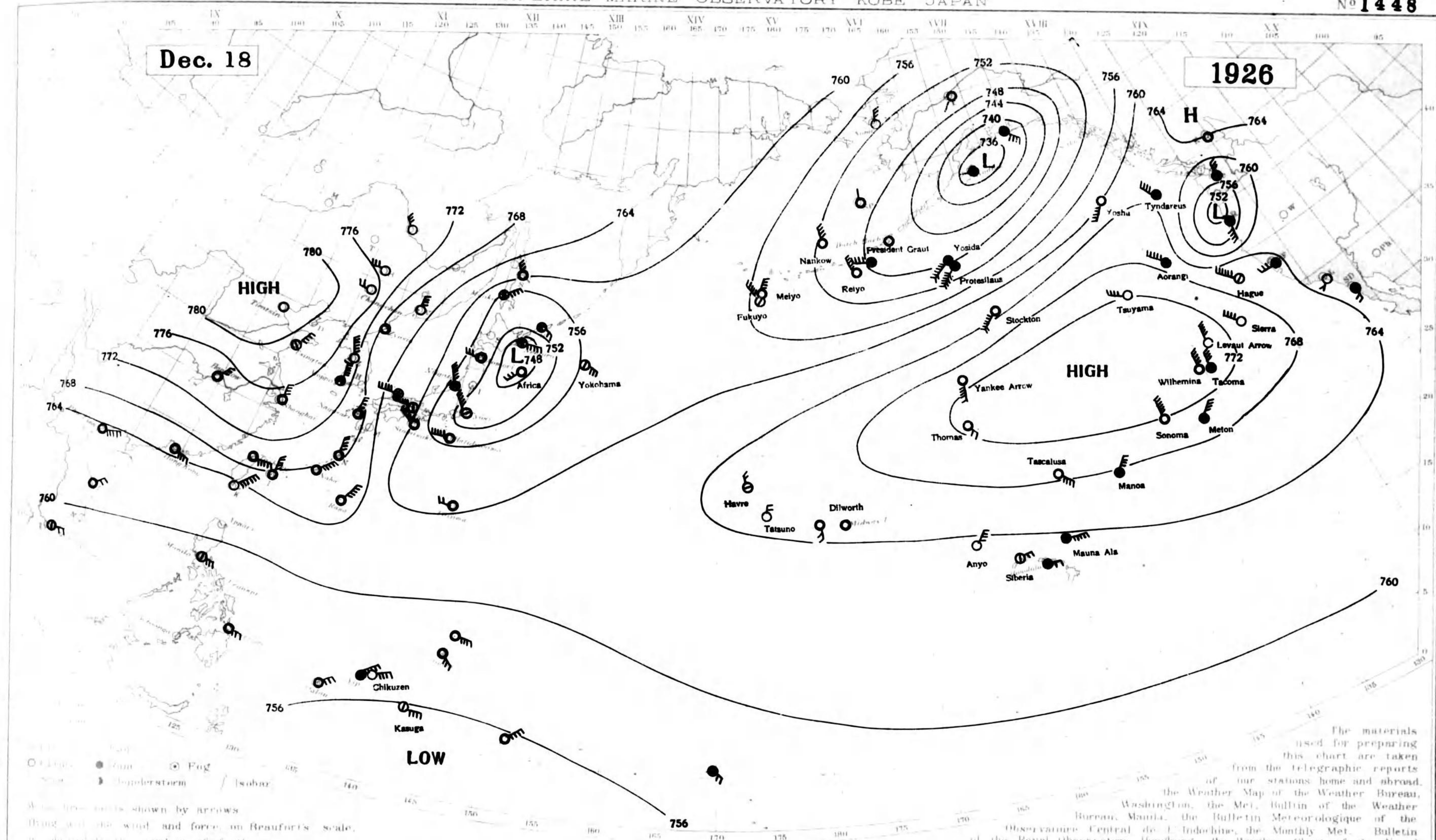
Station	Taihoku 12 <sup>h</sup> , 135° E	Naha 12 <sup>h</sup> , 135° E	Nagasaki 12 <sup>h</sup> , 135° E	Stomatsuki 12 <sup>h</sup> , 135° E	Kobe 12 <sup>h</sup> , 135° E	Fyusi 12 <sup>h</sup> , 135° E	Hatidyosima 12 <sup>h</sup> , 135° E	Titizima 12 <sup>h</sup> , 135° E	Niigata 12 <sup>h</sup> , 135° E	Aomori 12 <sup>h</sup> , 135° E	Nemuro 12 <sup>h</sup> , 135° E	Maoka 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
Barom. (reduced to sea level and corrected for temperature)	765.3	763.4	763.6	759.7	761.5	759.2	759.5	759.3	759.0	759.4	759.1	759.0	768.1	764.1	768.7	773.7	773.7
Air Temperature (in C)	19.5	19.8	10.3	13.2	8.2	9.6	14.4	22.7	7.8	4.6	2.6	-0.5	3.6	-5.8	-17.1	-1.4	-0.4
Direction and force of Winds (0-12)	E 3	NNW 2	NNW 3	- 1	ENE 1	NE 3	WNW 3	S 3	- 1	SW 2	WNW 2	ENE 3	N 6	SSW 4	WNW 4	- 1	NNW 3
Weather	cloudy	rain	cloudy	cloudy	cloudy	cloudy	cloudy	fair	cloudy	cloudy	clear	cloudy	cloudy	snow	clear	clear	clear
Station	Shanghai 12 <sup>h</sup> , 135° E	Hankow 12 <sup>h</sup> , 135° E	Rasa 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>	Phi Lien 10 <sup>h</sup>	Cap S. Jacques 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
Barom. (reduced to sea level and corrected for temperature)	770.8	773.3	761.3	755.6	763.7	758.7	757.0	757.2	756.4	763.4	759.7	762.0	763.0	754.4	-	737.6	753.4
Air Temperature (in C)	7.7	4.5	25.1	27.1	20.	28.	26.	-	-	23.	29.	23.	19.	-19.	-	4.	-3.
Direction and force of Winds (0-12)	NNW 3	NE 2	NNW 2	ENE 2	NNE 2	S 2	calm	E 4	ENE 3	ENE 4	ENE 2	E 2	SE 2	NE -	-	calm	calm
Weather	cloudy	cloudy	fair	cloudy	cloudy	fair	rain	fair	clear	cloudy	fair	clear	cloudy	rain	-	calm	cloudy



# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No 1448



○ Clear   ● Rain   ⊙ Fog  
 ☁ Clouds   ⚡ Thunderstorm   / Isobar  
 Wind direction shown by arrows  
 Wind speed and force on Beaufort's scale  
 Cloud cover 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 Naval Observatory, Vladivostok, and the met. logs of the Steamers.

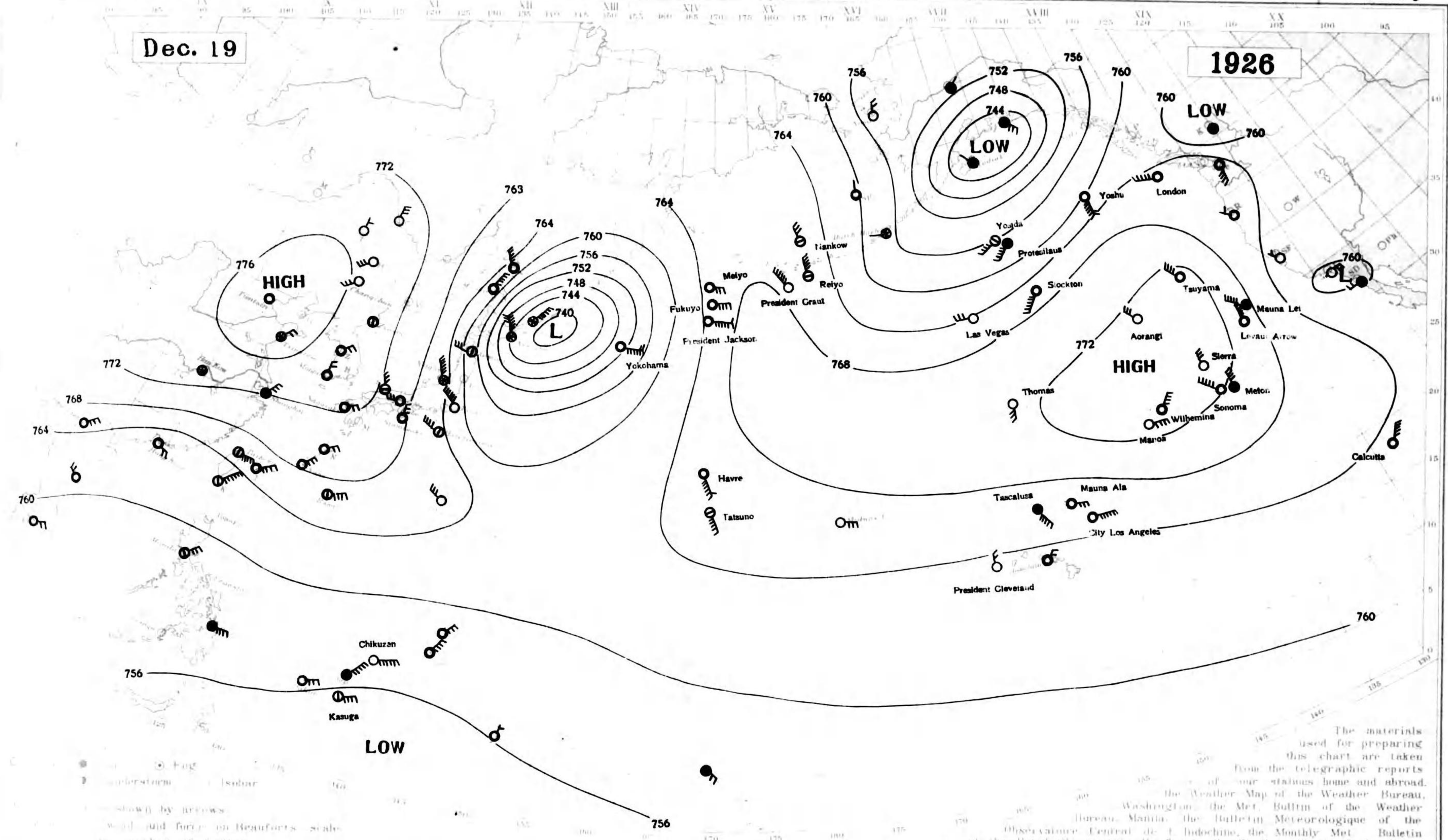
Observation	Tsukuba 12° 135 E	Naha 12° 135 E	Nagasaki 12° 135 E	Stomatsuki 12° 135 E	Kobe 12° 135 E	Tyoso 12° 135 E	Hattayama 12° 135 E	Tsuzuma 12° 135 E	Niigata 12° 135 E	Aomori 12° 135 E	Nemuro 12° 135 E	Mokoa 12° 135 E	Moppe 12° 135 E	Zyosin 12° 135 E	Chungchin 12° 135 E	Tientsin 12° 135 E	Tsingtau 12° 135 E
Temperature (reduced to Sea level)	769.4	767.9	769.2	769.3	761.1	750.7	755.5	759.5	754.8	753.0	747.7	755.9	773.4	767.2	777.3	782.2	779.5
Barometer (at Sea level)	17.4	18.6	3.9	5.7	4.2	8.4	12.2	22.1	-0.9	0.2	0.9	-0.2	-0.6	-6.7	-12.5	-3.5	-3.2
Direction and Force of Winds (0-12)	E 5	NE 5	E 4	NW 6	W 6	NW 5	W 5	W 2	NW 6	W 3	E 5	NE 4	N 7	- 1	W 2	- 1	NNE 4
Weather	cloudy	cloudy	cloudy	cloudy	fair	fair	cloudy	cloudy	snow	cloudy	snow	snow	snow	cloudy	clear	clear	fair
Observation	Shanghai 12° 135 E	Hankow 12° 135 E	Raso 12° 135 E	Pulau 12° 135 E	Hongkong 14°	Manila 14°	Surigao 14°	Guzam 14°	Yap 14°	Phi Lien 10°	Cap-S Jacques 10°	Honolulu 20°	Midway I. 19° 20°	Nome 20° 135 W	Sitka 20° 135 W	Dutch Harbor 20° 135 W	Kodiak 20° 135 W
Temperature (reduced to Sea level)	776.3	774.5	765.3	756.2	764.9	759.7	757.2	758.4	757.0	765.0	760.0	762.0	764.5	752.8	-	745.2	754.6
Barometer (at Sea level)	6.8	5.5	21.9	28.1	18.	32.	28.	28.	-	19.	27.	23.	19.	-21.	-	4.	1.
Direction and Force of Winds (0-12)	N 3	NNE 3	NNE 5	NE 3	E 4	E 3	E 3	SE 3	ENE 5	ENE 5	ENE 2	E 2	calm	N 3	-	calm	W -
Weather	cloudy	cloudy	cloudy	cloudy	cloudy	fair	cloudy	cloudy	rain	cloudy	fair	rain	cloudy	clear	-	cloudy	rain



# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No 1449



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 Naval Observatory, Vladivostok; and the met. logs of the Steamers.

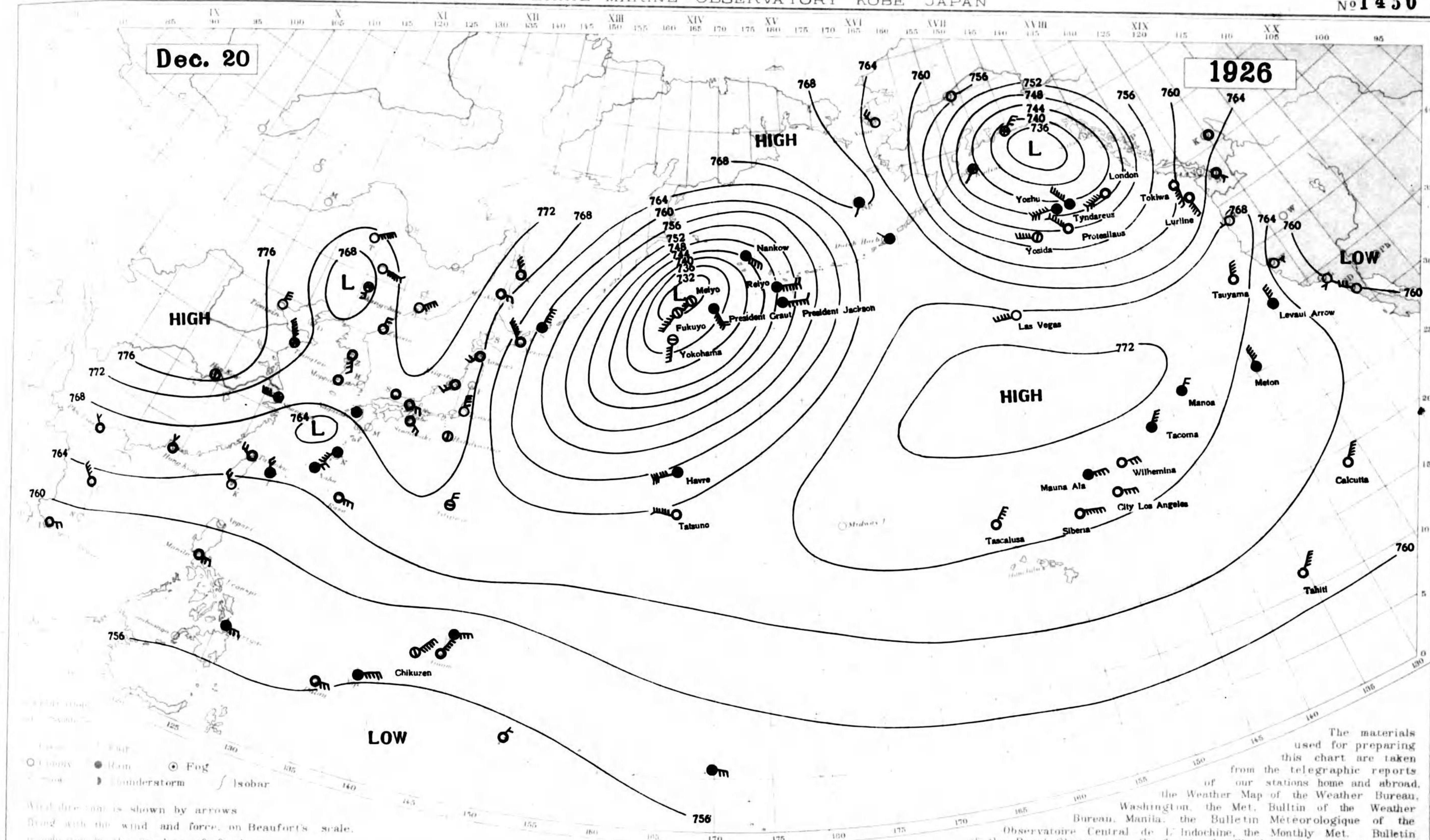
	Fukuroku 12° 135° E	Naha 12° 135° E	Yokosuka 12° 135° E	Shimonoseki 12° 135° E	Kobe 12° 135° E	Yokohama 12° 135° E	Hankow 12° 135° E	Tientsin 12° 135° E	Ningpo 12° 135° E	Amoy 12° 135° E	Nankin 12° 135° E	Mosko 12° 135° E	Algeria 12° 135° E	Zyoson 12° 135° E	Changebay 12° 135° E	Tientsin 12° 135° E	Tsingtau 12° 135° E
Barometer (at Sea Level)	764.7	768.5	772.5	768.4	770.4	760.3	764.2	764.5	764.1	759.3	743.9	761.0	774.3	774.2	775.5	776.6	776.5
Direction of Winds (10-12)	E 5	NE 3	ENE 2	N 3	W 3	NW 6	WNW 4	NW 3	NNW 6	W 3	NNW 9	NNE 5	N 2	0.7	- 6.7	- 1.6	0.4
Force of Winds (10-12)	fair	cloudy	cloudy	cloudy	cloudy	clear	fair	clear	snow	fair	snow	cloudy	cloudy	fair	clear	cloudy	snow
Barometer (at Station)	772.0	774.1	766.1	756.1	763.2	759.0	757.5	758.4	757.2	765.8	760.6	762.0	766.6	754.4	-	756.4	741.7
Direction of Winds (10-12)	NNE 3	- 1	ENE 4	ENE 3	E 2	NE 3	E 4	NE 4	NE 5	NE 3	ENE 2	NE 2	E 3	N 2	-	W -	NW -
Force of Winds (10-12)	rain	snow	fair	cloudy	cloudy	fair	rain	cloudy	rain	cloudy	cloudy	cloudy	clear	clear	-	snow	rain



# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No 1450



Station	Taihoku 12°N, 135°E	Naha 12°N, 135°E	Nagasaki 12°N, 135°E	Simisaki 12°N, 135°E	Kobe 12°N, 135°E	Tyosai 12°N, 135°E	Hattidzushima 12°N, 135°E	Tatizima 12°N, 135°E	Niigata 12°N, 135°E	Aomori 12°N, 135°E	Nemuro 12°N, 135°E	Maoka 12°N, 135°E	Moppo 12°N, 135°E	Zyosin 12°N, 135°E	Changchun 12°N, 135°E	Tientsin 12°N, 135°E	Tsingtau 12°N, 135°E
Barometric Pressure (mm Hg)	766.1	764.5	769.9	769.6	771.1	769.5	768.6	766.7	771.7	768.8	762.2	768.2	770.0	771.5	765.5	774.9	772.6
Air Temperature (°C)	20.4	18.7	7.0	10.0	6.5	7.2	11.8	17.2	1.5	4.8	1.8	-1.2	5.0	-1.0	-5.2	-4.4	-0.9
Direction and Force of Winds (0-12)	WNW 2	NE 2	- 1	ESE 2	E 2	N 4	- 1	N 2	SW 2	SW 2	NW 6	E 2	- 1	N 2	S 2	N 3	NNW 6
Weather	cloudy	rain	rain	fair	cloudy	clear	fair	feir	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	snow	clear	snow
Station	Shanghai 12°N, 135°E	Hankow 12°N, 135°E	Rasa 12°N, 135°E	Dalau 12°N, 135°E	Hongkong 14°N	Mirida 14°N	Surigo 14°N	Guam 14°N	Yap 14°N	Phi Lien 10°N	Cap St Jacques 10°N	Honolulu 20°N	Midway I. 18°N, 30°W	Nome 20°N, 135°W	Sitka 20°N, 135°W	Dutch Harbor 20°N, 135°W	Kodiak 20°N, 135°W
Barometric Pressure (mm Hg)	771.2	776.6	765.6	766.4	764.9	759.2	757.6	758.1	756.8	768.4	760.0	-	-	762.5	-	766.1	744.2
Air Temperature (°C)	4.5	2.6	22.5	29.5	21.	30.	25.	-	-	15.	26.	-	-	-18.	-	-5.	-11.
Direction and Force of Winds (0-12)	W 4	- 1	E 3	E 3	NNW 1	E 3	E 3	NE 4	ENE 5	NW 1	ENE 2	-	-	-	-	NW	SW
Weather	cloudy	fair	cloudy	cloudy	cloudy	cloudy	rain	cloudy	rain	cloudy	cloudy	-	-	clear	-	rain	snow

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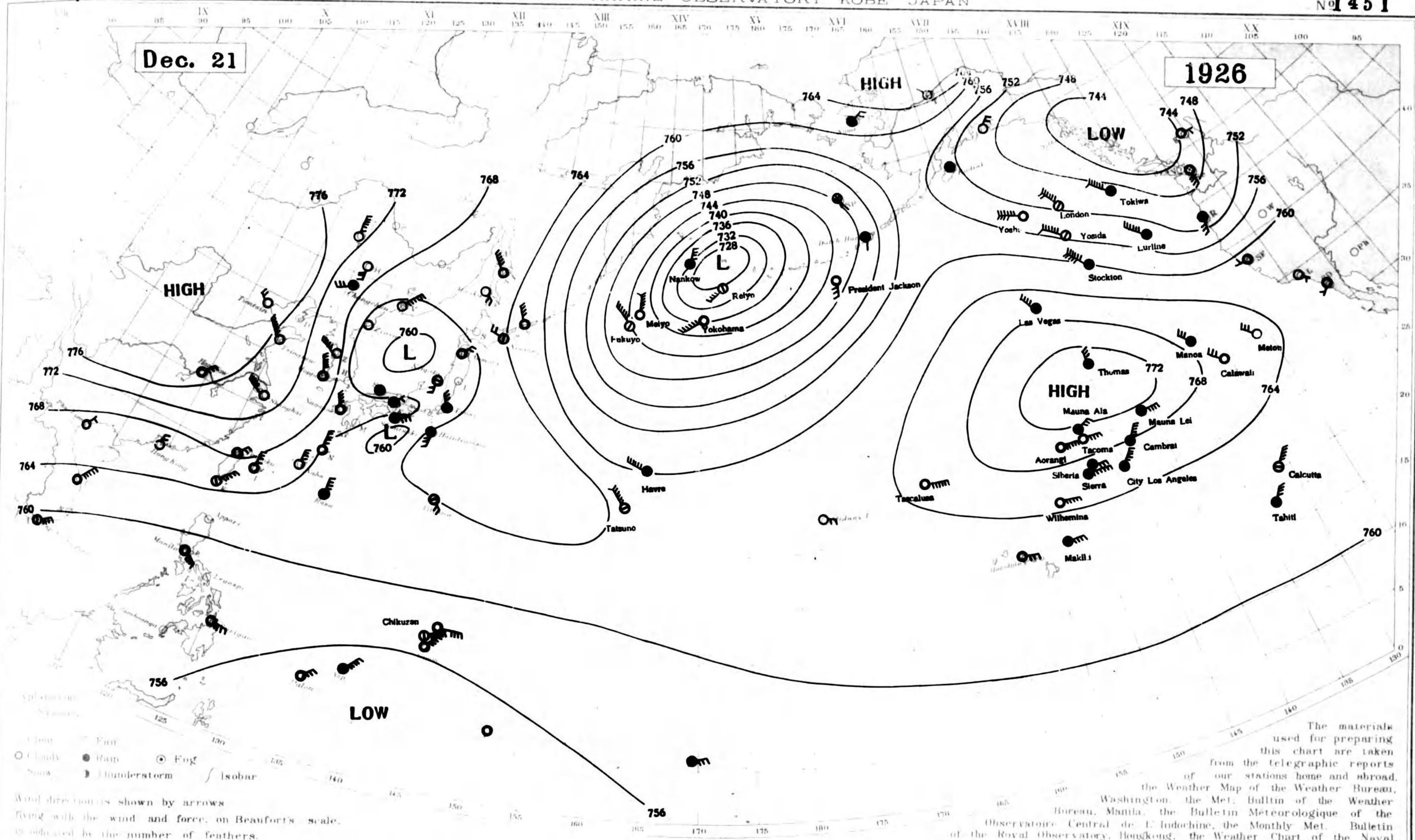
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# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No. 451



Legend for weather symbols:  
 ☉ Clear  
 ☁ Cloudy  
 ☂ Rain  
 ☂ Thunderstorm  
 ☁ Fog  
 — Isobar

Wind directions shown by arrows  
 (Type 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 Meteorologique of the Observatoire Central de L'Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Naval Observatory, Vlodjostok, and the met. logs of the Steamers.

Station	Taihoku 12°N, 135°E	Naha 12°N, 135°E	Nagasaki 12°N, 135°E	Suisunoko 12°N, 135°E	Kobe 12°N, 135°E	Iyosaki 12°N, 135°E	Hatidyosima 12°N, 135°E	Tokuzima 12°N, 135°E	Niigata 12°N, 135°E	Aomori 12°N, 135°E	Nemuro 12°N, 135°E	Moeka 12°N, 135°E	Moppe 12°N, 135°E	Zyosin 12°N, 135°E	Changchun 12°N, 135°E	Tientsin 12°N, 135°E	Tsingtau 12°N, 135°E
Bar. (Pressure reduced to Sea Level)	769.8	764.7	766.2	761.9	764.2	762.1	764.2	764.0	761.4	762.9	764.4	765.1	769.2	762.7	770.2	777.5	775.5
Therm. (Temperature in °C)	15.0	21.3	9.0	9.2	6.0	8.8	11.0	20.4	4.2	4.8	1.0	-1.2	1.2	-1.3	-16.9	-5.6	-5.0
Wind (Direction and Force of Winds (0-12))	NE 2	N 4	NW 4	ESE 3	NE 1	NW 3	S 3	SE 2	S 2	NE 2	WNW 2	SE 2	NW 6	- 1	WSW 3	NW 2	NW 6
Weather	cloudy	clear	cloudy	rain	rain	rain	rain	fair	fair	cloudy	fair	clear	cloudy	clear	snow	clear	clear
Station	Shanghai 12°N, 135°E	Hankow 12°N, 135°E	Rasa 12°N, 135°E	Pelau 12°N, 135°E	Hongkong 14°N	Manila 14°N	Surigao 14°N	Guan 14°N	Yap 14°N	Phi Laen 10°N	Cap St Jacques 10°N	Honolulu 20°N, 135°W	Midway I. 18°N, 135°W	Nome 20°N, 135°W	Sitka 20°N, 135°W	Dutch Harbor 20°N, 135°W	Kodiak 20°N, 135°W
Bar. (Pressure reduced to Sea Level)	774.9	778.0	762.8	764.6	766.7	769.1	767.2	767.5	766.2	768.9	769.5	762.5	762.0	762.5	-	748.8	752.8
Therm. (Temperature in °C)	2.4	2.1	23.4	28.9	19.	32.	28.	-	-	16.	27.	23.	19.	-19.	-	3.	-8.
Wind (Direction and Force of Winds (0-12))	WNW 5	NNE 3	N 4	NE 3	N 2	ESE 4	E 4	NE 4	NE 5	NNE 1	ESE 4	E 3	E 2	NE 2	-	S -	calm
Weather	clear	cloudy	rain	cloudy	clear	cloudy	cloudy	cloudy	rain	cloudy	fair	cloudy	clear	rain	-	rain	rain



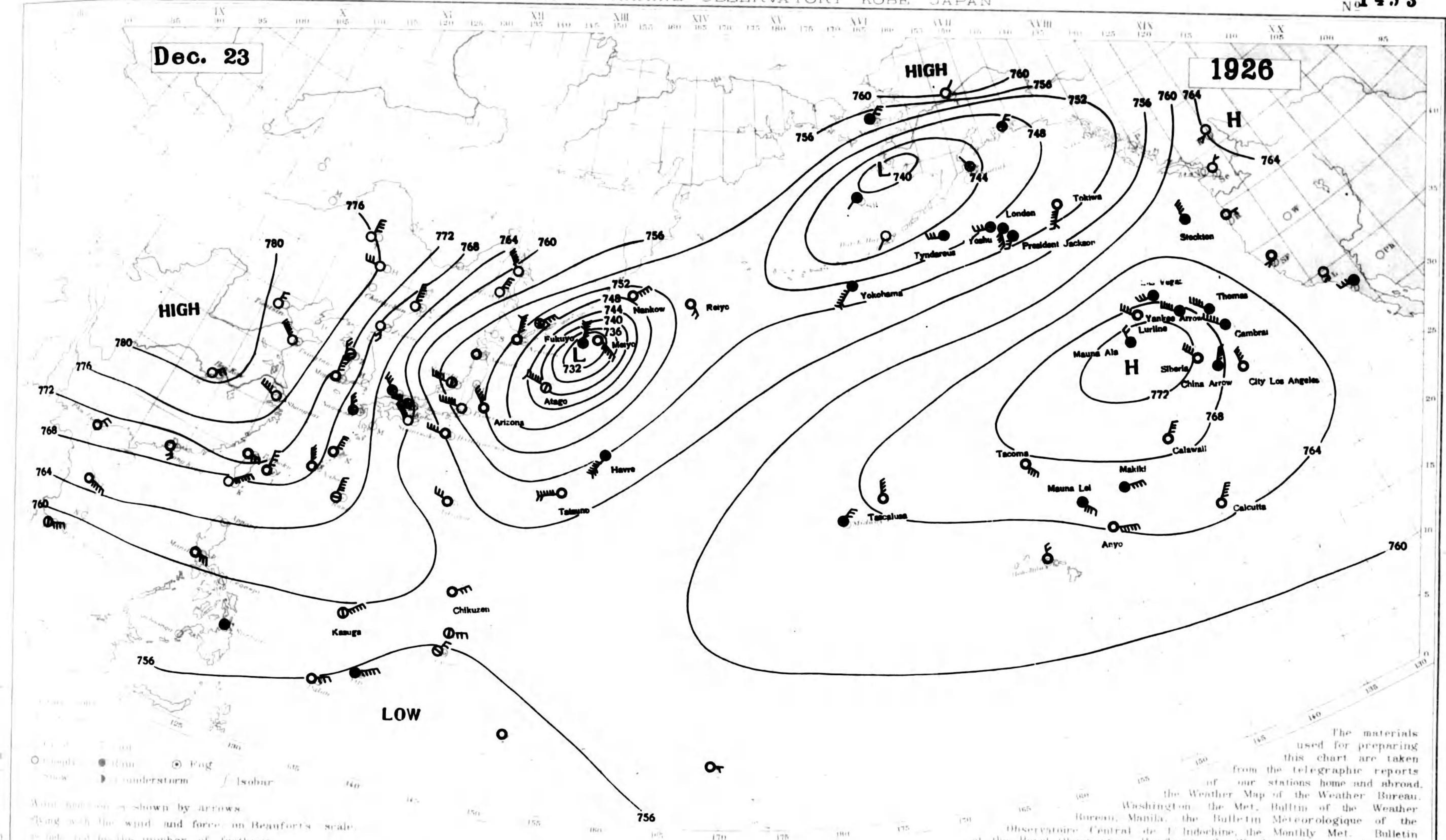




# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No. 1453



Wind direction is shown by arrows.  
Flying with the wind, and force on Beaufort's scale.  
Isobars are indicated by the number of feet.

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 Naval Observatory, Yokohama, and the met. logs of the Steamers.

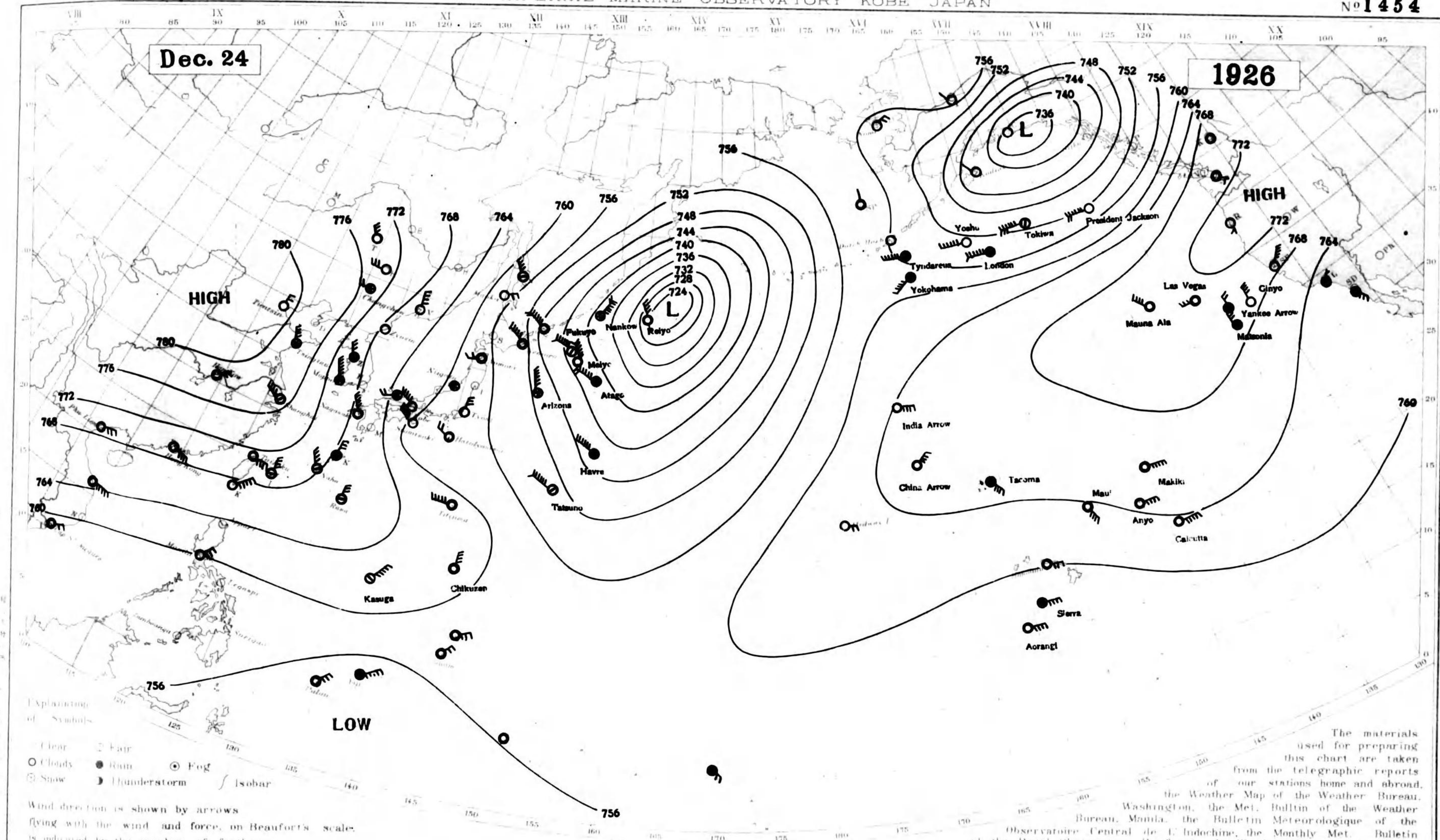
Station	Temp	Wind	Cloud	Bar	Temp	Wind	Cloud	Bar	Temp	Wind	Cloud	Bar	Temp	Wind	Cloud	Bar	Temp	Wind	Cloud	Bar
Tokyo	773.5	E 3	cloudy	775.5	London	751.3	W 5	fair	751.3	W 5	fair	751.3	W 5	fair	751.3	W 5	fair	751.3	W 5	fair
Naha	768.7	NNW 5	cloudy	768.7	Yokohama	758.4	W 3	cloudy	758.4	W 3	cloudy	758.4	W 3	cloudy	758.4	W 3	cloudy	758.4	W 3	cloudy
Nagasaki	767.3	NNW 3	snow	767.3	Yokohama	758.4	W 3	cloudy	758.4	W 3	cloudy	758.4	W 3	cloudy	758.4	W 3	cloudy	758.4	W 3	cloudy
Suisaki	760.0	NW 6	clear	760.0	Yokohama	758.4	W 3	cloudy	758.4	W 3	cloudy	758.4	W 3	cloudy	758.4	W 3	cloudy	758.4	W 3	cloudy
Kobe	761.0	W 4	snow	761.0	Yokohama	758.4	W 3	cloudy	758.4	W 3	cloudy	758.4	W 3	cloudy	758.4	W 3	cloudy	758.4	W 3	cloudy
Yokohama	750.5	W 6	clear	750.5	Yokohama	758.4	W 3	cloudy	758.4	W 3	cloudy	758.4	W 3	cloudy	758.4	W 3	cloudy	758.4	W 3	cloudy
Hiroshima	756.0	W 4	cloudy	756.0	Yokohama	758.4	W 3	cloudy	756.0	W 4	cloudy	756.0	W 4	cloudy	756.0	W 4	cloudy	756.0	W 4	cloudy
Fuzhou	758.4	W 3	cloudy	758.4	Yokohama	758.4	W 3	cloudy	758.4	W 3	cloudy	758.4	W 3	cloudy	758.4	W 3	cloudy	758.4	W 3	cloudy
Nagasaki	751.3	W 5	fair	751.3	Yokohama	758.4	W 3	cloudy	751.3	W 5	fair	751.3	W 5	fair	751.3	W 5	fair	751.3	W 5	fair
Amoy	751.7	W 1	cloudy	751.7	Yokohama	758.4	W 3	cloudy	751.7	W 1	cloudy	751.7	W 1	cloudy	751.7	W 1	cloudy	751.7	W 1	cloudy
Nankow	747.9	N 7	cloudy	747.9	Yokohama	758.4	W 3	cloudy	747.9	N 7	cloudy	747.9	N 7	cloudy	747.9	N 7	cloudy	747.9	N 7	cloudy
Mooka	757.7	NNE 4	clear	757.7	Yokohama	758.4	W 3	cloudy	757.7	NNE 4	clear	757.7	NNE 4	clear	757.7	NNE 4	clear	757.7	NNE 4	clear
Mopu	770.8	N 6	cloudy	770.8	Yokohama	758.4	W 3	cloudy	770.8	N 6	cloudy	770.8	N 6	cloudy	770.8	N 6	cloudy	770.8	N 6	cloudy
Zyoson	767.6	SSE 2	clear	767.6	Yokohama	758.4	W 3	cloudy	767.6	SSE 2	clear	767.6	SSE 2	clear	767.6	SSE 2	clear	767.6	SSE 2	clear
Chungchun	775.9	calm	clear	775.9	Yokohama	758.4	W 3	cloudy	775.9	calm	clear	775.9	calm	clear	775.9	calm	clear	775.9	calm	clear
Tientsin	779.7	N 2	clear	779.7	Yokohama	758.4	W 3	cloudy	779.7	N 2	clear	779.7	N 2	clear	779.7	N 2	clear	779.7	N 2	clear
Tsingtau	778.0	NW 6	clear	778.0	Yokohama	758.4	W 3	cloudy	778.0	NW 6	clear	778.0	NW 6	clear	778.0	NW 6	clear	778.0	NW 6	clear
Shanghai	777.6	WNW 4	clear	777.6	Yokohama	758.4	W 3	cloudy	777.6	WNW 4	clear	777.6	WNW 4	clear	777.6	WNW 4	clear	777.6	WNW 4	clear
Hankow	780.4	NE 2	clear	780.4	Yokohama	758.4	W 3	cloudy	780.4	NE 2	clear	780.4	NE 2	clear	780.4	NE 2	clear	780.4	NE 2	clear
Rusa	765.0	N 5	fair	765.0	Yokohama	758.4	W 3	cloudy	765.0	N 5	fair	765.0	N 5	fair	765.0	N 5	fair	765.0	N 5	fair
Peking	756.0	ENE 3	cloudy	756.0	Yokohama	758.4	W 3	cloudy	756.0	ENE 3	cloudy	756.0	ENE 3	cloudy	756.0	ENE 3	cloudy	756.0	ENE 3	cloudy
Hongkong	769.7	SE 2	cloudy	769.7	Yokohama	758.4	W 3	cloudy	769.7	SE 2	cloudy	769.7	SE 2	cloudy	769.7	SE 2	cloudy	769.7	SE 2	cloudy
Manila	760.4	E 3	cloudy	760.4	Yokohama	758.4	W 3	cloudy	760.4	E 3	cloudy	760.4	E 3	cloudy	760.4	E 3	cloudy	760.4	E 3	cloudy
Surigo	758.3	calm	rain	758.3	Yokohama	758.4	W 3	cloudy	758.3	calm	rain	758.3	calm	rain	758.3	calm	rain	758.3	calm	rain
Guam	757.2	W 2	fair	757.2	Yokohama	758.4	W 3	cloudy	757.2	W 2	fair	757.2	W 2	fair	757.2	W 2	fair	757.2	W 2	fair
Yap	756.8	ENE 5	rain	756.8	Yokohama	758.4	W 3	cloudy	756.8	ENE 5	rain	756.8	ENE 5	rain	756.8	ENE 5	rain	756.8	ENE 5	rain
Phil. Is.	771.9	NNE 2	cloudy	771.9	Yokohama	758.4	W 3	cloudy	771.9	NNE 2	cloudy	771.9	NNE 2	cloudy	771.9	NNE 2	cloudy	771.9	NNE 2	cloudy
Cap. Is.	760.3	ENE 4	fair	760.3	Yokohama	758.4	W 3	cloudy	760.3	ENE 4	fair	760.3	ENE 4	fair	760.3	ENE 4	fair	760.3	ENE 4	fair
Honolulu	761.0	N 2	cloudy	761.0	Yokohama	758.4	W 3	cloudy	761.0	N 2	cloudy	761.0	N 2	cloudy	761.0	N 2	cloudy	761.0	N 2	cloudy
Midway I.	763.0	NE 3	rain	763.0	Yokohama	758.4	W 3	cloudy	763.0	NE 3	rain	763.0	NE 3	rain	763.0	NE 3	rain	763.0	NE 3	rain
Nome	754.4	NE 3	rain	754.4	Yokohama	758.4	W 3	cloudy	754.4	NE 3	rain	754.4	NE 3	rain	754.4	NE 3	rain	754.4	NE 3	rain
Sitka	-	-	-	-	Yokohama	758.4	W 3	cloudy	-	-	-	-	-	-	-	-	-	-	-	
Dutch Harbor	742.2	SW	clear	742.2	Yokohama	758.4	W 3	cloudy	742.2	SW	clear	742.2	SW	clear	742.2	SW	clear	742.2	SW	clear
Kodiak	743.2	NW	snow	743.2	Yokohama	758.4	W 3	cloudy	743.2	NW	snow	743.2	NW	snow	743.2	NW	snow	743.2	NW	snow



# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No 1454



Explaining 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 Naval Observatory, Albatross, and the met. logs of the Steamers.

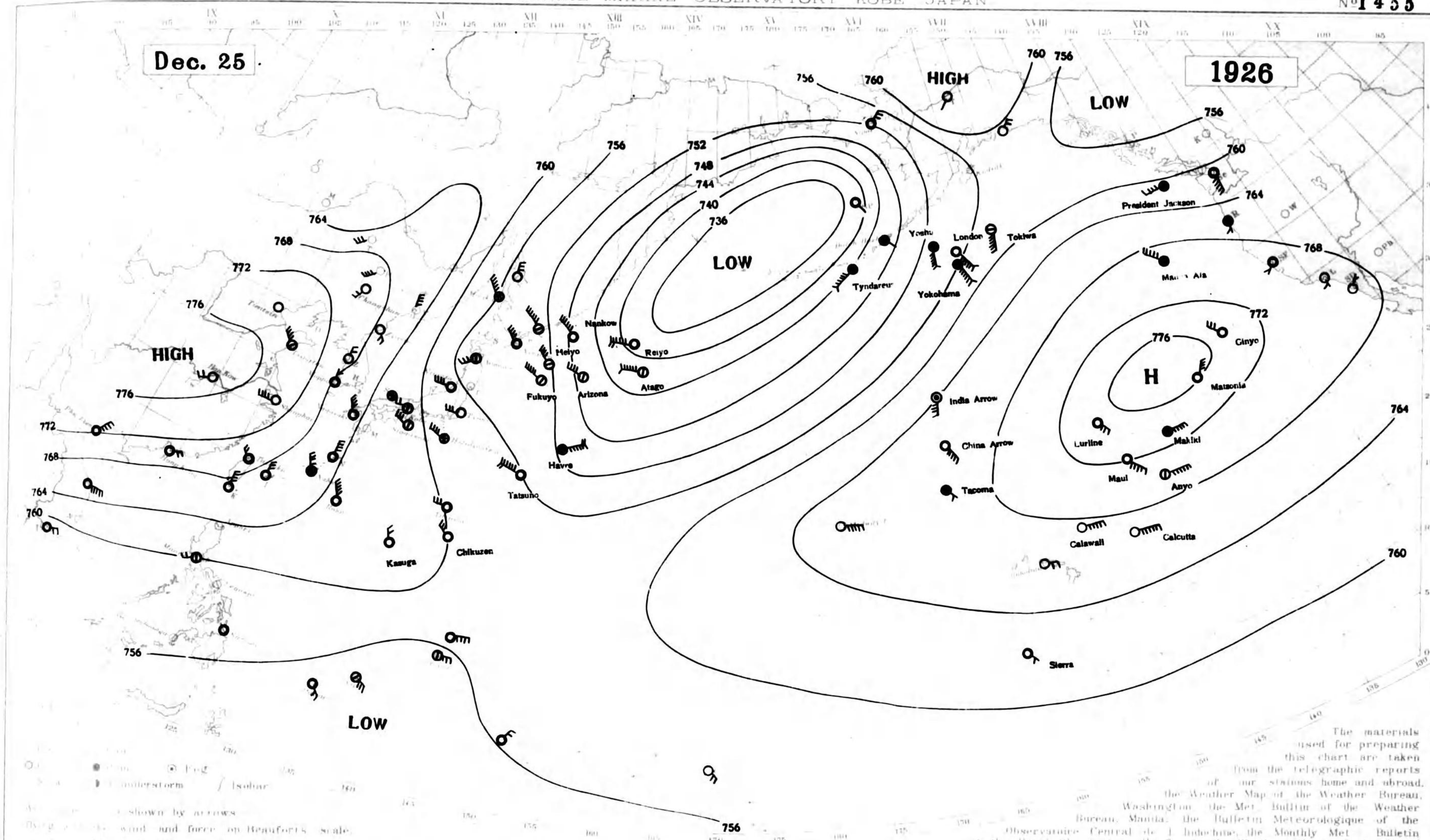
Station	Taihoku 12° 135 E	Naha 12° 135 E	Nagasaki 12° 135 E	Suisun 12° 135 E	Kobe 12° 135 E	Tyosu 12° 135 E	Hatayoshi 12° 135 E	Tsuzima 12° 135 E	Niigata 12° 135 E	Aomori 12° 135 E	Nemuro 12° 135 E	Manko 12° 135 E	Moppo 12° 135 E	Zyosin 12° 135 E	Changchun 12° 135 E	Tientsin 12° 135 E	Tsingtau 12° 135 E
Hour of observation																	
Atm. Pressure (red. to sea level and Std. Gr.)	771.6	768.1	766.9	759.6	760.2	758.9	758.3	760.1	758.4	756.6	752.2	756.5	769.5	767.5	775.1	780.3	777.4
Air Temperature (in C)	11.2	16.0	2.9	6.5	3.8	6.2	9.1	17.0	0.1	-0.1	-2.2	-5.8	-2.1	-5.1	-20.1	-5.8	-6.8
Direction and Force of Winds (10 12)	E 4	NNW 4	NNW 5	NW 5	WNW 5	N 3	WNW 2	W 5	- 1	WSW 2	NW 5	ENE 2	NNW 6	- 1	W 2	N 2	NNW 4
Weather	cloudy	fair	cloudy	clear	clear	clear	cloudy	cloudy	snow	cloudy	cloudy	clear	snow	clear	snow	clear	snow
Station	Shanghai 12° 135 E	Hankow 12° 135 E	Rosa 12° 135 E	Pdau 12° 135 E	Hongkong 14°	Manila 14°	Sarigao 14°	Guam 14°	Yap 14°	Phi Lien 10°	Cap St. 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 sea level and Std. Gr.)	776.4	778.0	765.9	755.4	768.5	760.2	-	757.9	756.4	770.4	760.6	760.0	762.0	754.9	-	755.9	742.2
Air Temperature (in C)	-0.2	1.8	17.9	28.3	15.	29.	-	-	-	14.	25.	23.	18.	-22.	-	3.	1.
Direction and Force of Winds (10 12)	WNW 4	NE 2	N 3	NE 3	E 4	NE 3	-	-	-	ENE 3	ENE 2	E 3	E 2	NE 2	-	calm	NW
Weather	fair	cloudy	fair	cloudy	cloudy	clear	-	cloudy	rain	cloudy	cloudy	cloudy	clear	clear	-	clear	clear



# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No. 1455



Dec. 25

1926

Legend:  
 ○ Wind direction and force  
 ○ Fog  
 ○ Thunderstorm  
 ○ Isobar

Wind direction shown by arrows  
 Wind force shown by 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 Naval Observatory, Vladivostok, and the met. logs of the Steamers.

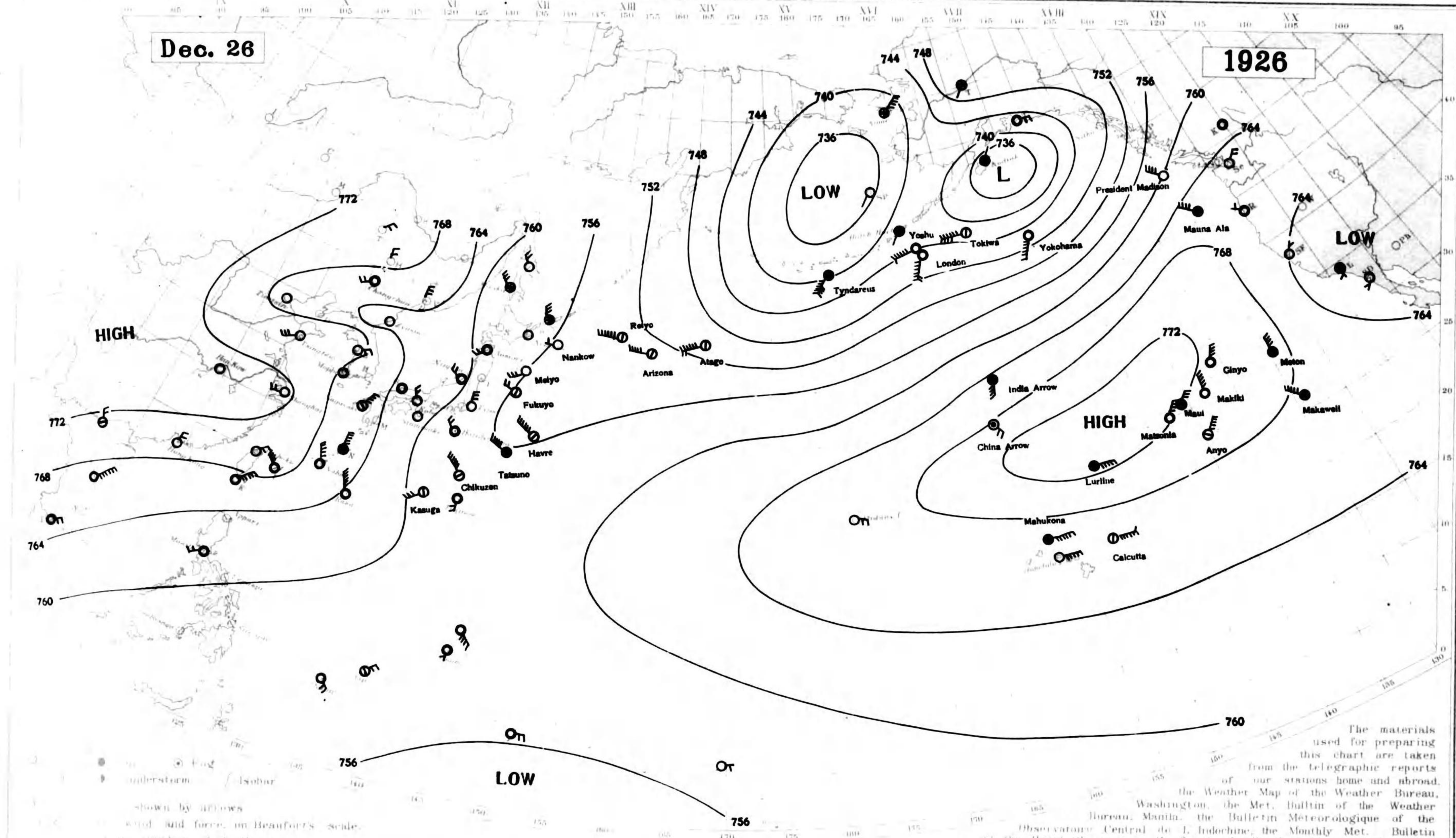
	Tsushima 12° 13' N, 135° E	Sabu 12° 13' N, 135° E	Nagasaki 12° 13' N, 135° E	Suisan-aki 12° 13' N, 135° E	Kobe 12° 13' N, 135° E	Fuzhou 12° 13' N, 135° E	Hankow 12° 13' N, 135° E	Tientsin 12° 13' N, 135° E	Yokohama 12° 13' N, 135° E	Nagata 12° 13' N, 135° E	Amoy 12° 13' N, 135° E	Nomuro 12° 13' N, 135° E	Manila 12° 13' N, 135° E	Molopo 12° 13' N, 135° E	Zyosm 12° 13' N, 135° E	Changchun 12° 13' N, 135° E	Tientsin 12° 13' N, 135° E	Tsingtau 12° 13' N, 135° E
Barometric Pressure (mm Hg)	771.0	765.8	765.6	761.4	762.4	757.7	759.4	759.5	759.4	755.4	755.0	756.1	767.8	765.6	769.7	774.0	773.4	
Temperature (°C)	9.0	13.5	1.3	6.3	4.3	6.3	7.5	15.9	0.2	0.4	-2.1	-6.0	-2.2	-3.5	-17.1	-6.0	-5.0	
Direction of Winds (0-12)	N 2	NNW 4	NNW 4	W 2	W 2	W 3	WNW 4	W 3	W 4	SW 3	NW 4	NW 5	N 1	SE 2	SSW 2	- 4	NW 4	
Force of Winds (0-12)	cloudy	rain	cloudy	fair	fair	clear	snow	cloudy	cloudy	fair	cloudy	snow	cloudy	clear	clear	clear	clear	
Direction of Winds (0-12)																		
Force of Winds (0-12)																		
Weather	clear	clear	cloudy	cloudy	cloudy	fair	cloudy	cloudy	cloudy	fair	cloudy	cloudy	cloudy	cloudy	clear	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 1456



Dec. 26

1926

● Fog  
○ Under storm  
— Isobar  
— shown by arrows  
— wind and force, on Beaufort's scale  
— 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 Naval Observatory, Vladivostok, and the met. logs of the Steamers.

	Batavia 12° 135 E	Sabu 12° 135 E	Nagasaki 32° 135 E	Sibiraki 32° 135 E	Kobe 32° 135 E	Yokohama 32° 135 E	Hatayoshi 32° 135 E	Tokyo 32° 135 E	Nagasaki 32° 135 E	Amoy 23° 115 E	Nanto 23° 115 E	Macao 22° 115 E	Moppe 22° 115 E	Zyosin 22° 115 E	Changchun 42° 135 E	Tientsin 39° 115 E	Tsingtau 37° 115 E
Barometer (mm)	771.4	766.9	765.9	760.4	762.5	759.3	759.1	758.0	761.2	759.4	758.4	758.4	767.5	764.0	766.3	766.7	769.0
Thermometer (mm)	11.3	13.0	2.9	7.6	5.8	5.5	7.9	16.9	1.4	-0.2	-1.6	-6.0	-0.5	-2.3	-15.8	-0.1	0.0
Direction of Winds (12)	NE 2	NNW 5	NNE 4	- 1	NNW 2	N 3	NW 2	S 2	WNW 2	SW 2	- 1	NW 3	- 1	- 1	WSW 2	- 1	WSW 3
Force of Winds (12)	clear	cloudy	fair	clear	clear	clear	cloudy	cloudy	cloudy	cloudy	clear	snow	cloudy	clear	cloudy	clear	clear
	Shanghai 31° 135 E	Hankow 32° 135 E	Rosa 32° 135 E	Peking 39° 115 E	Hongkong 22° 115 E	Manila 14° 115 E	Singapore 1° 115 E	Canton 23° 115 E	Yap 13° 115 E	Phil. Is. 10° 115 E	Cap. Jacques 10° 115 E	Honolulu 21° 155 W	Midway I. 18° 155 W	Nome 20° 135 W	Sitka 20° 135 W	Dutch Harbor 20° 135 W	Kodiak 20° 135 W
Barometer (mm)	772.1	773.9	763.9	757.6	769.1	760.9	-	758.6	759.5	772.9	771.2	765.5	766.1	737.1	-	740.7	735.1
Thermometer (mm)	1.8	5.9	18.9	29.1	14.	26.	-	-	-	14.	27.	24.	19.	-7.	-	6.	3.
Direction of Winds (12)	W 2	- 1	NNW 7	SE 2	N 2	WSW 2	-	S 1	NE 2	NNW 2	ESE 2	E 5	E 2	NE 5	-	SW -	NE -
Force of Winds (12)	clear	clear	cloudy	cloudy	clear	cloudy	-	cloudy	fair	fair	cloudy	clear	clear	snow	-	rain	rain







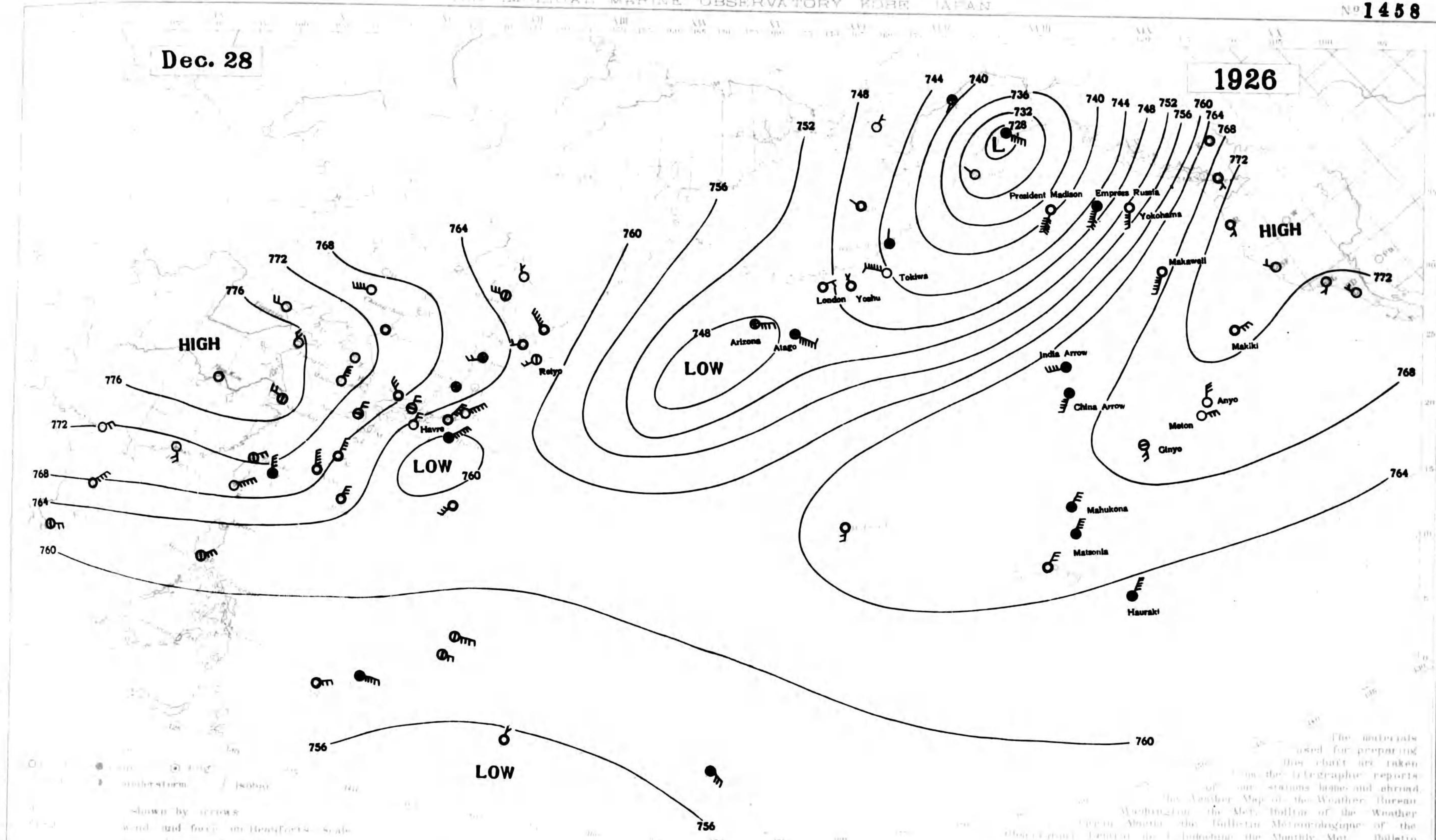
# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No 1458

Dec. 28

1926



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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, Albany, the Bulletin Météorologique of the Observatoire Central de l'Indonésie, the Monthly Met. Bulletin of the Imperial Marine Observatory, the Weather Chart of the Naval Observatory, and the reports of the stations.

	London (51° 30' N, 0° 00' W)	San Francisco (37° 49' N, 122° 25' W)	Yokohama (35° 28' N, 139° 41' E)	Manila (14° 35' N, 121° 02' E)	Shanghai (31° 10' N, 121° 29' E)	Amoy (23° 33' N, 113° 29' E)	Hankow (30° 35' N, 114° 17' E)	Peking (39° 55' N, 116° 28' E)	Harbin (45° 45' N, 126° 53' E)	Yokohama (35° 28' N, 139° 41' E)	Manila (14° 35' N, 121° 02' E)	Shanghai (31° 10' N, 121° 29' E)	Amoy (23° 33' N, 113° 29' E)	Hankow (30° 35' N, 114° 17' E)	Peking (39° 55' N, 116° 28' E)	Harbin (45° 45' N, 126° 53' E)	Yokohama (35° 28' N, 139° 41' E)	Manila (14° 35' N, 121° 02' E)	Shanghai (31° 10' N, 121° 29' E)	Amoy (23° 33' N, 113° 29' E)	Hankow (30° 35' N, 114° 17' E)	Peking (39° 55' N, 116° 28' E)	Harbin (45° 45' N, 126° 53' E)	
Barometer (mm)	773.8	769.1	770.2	763.9	766.6	763.4	759.8	761.0	767.5	766.3	763.7	762.9	773.5	769.1	768.3	774.5	776.5							
Wind (Force)	NE 2	NNW 5	N 2	N 2	N 2	NE 5	NE 7	SW 3	- 0.9	1.4	- 0.7	- 4.6	2.4	0.2	- 7.8	- 1.6	- 4.5							
Weather	fair	cloudy	fair	clear	fair	clear	rain	cloudy	snow	snow	cloudy	fair	clear	cloudy	clear	clear	clear							
Temperature (°C)	777.0	777.3	765.6	757.2	770.0	761.9	-	759.3	757.7	773.5	762.5	765.5	766.6	745.2	-	745.7	730.5							
Humidity (%)	1.1	6.1	18.2	29.3	16.	28.	-	-	-	18.	25.	22.	20.	-21.	-	1.	1.							
Direction of Wind	WNW 2	- 1	N 3	ENE 3	SE 2	NE 3	-	E 2	E 5	WNW 2	ENE 2	NE 3	S 2	NE 1	-	N -	NW -							
State of Sky	fair	clear	cloudy	cloudy	clear	fair	-	fair	rain	clear	fair	cloudy	cloudy	clear	-	rain	clear							

和略

北太平洋気象圖

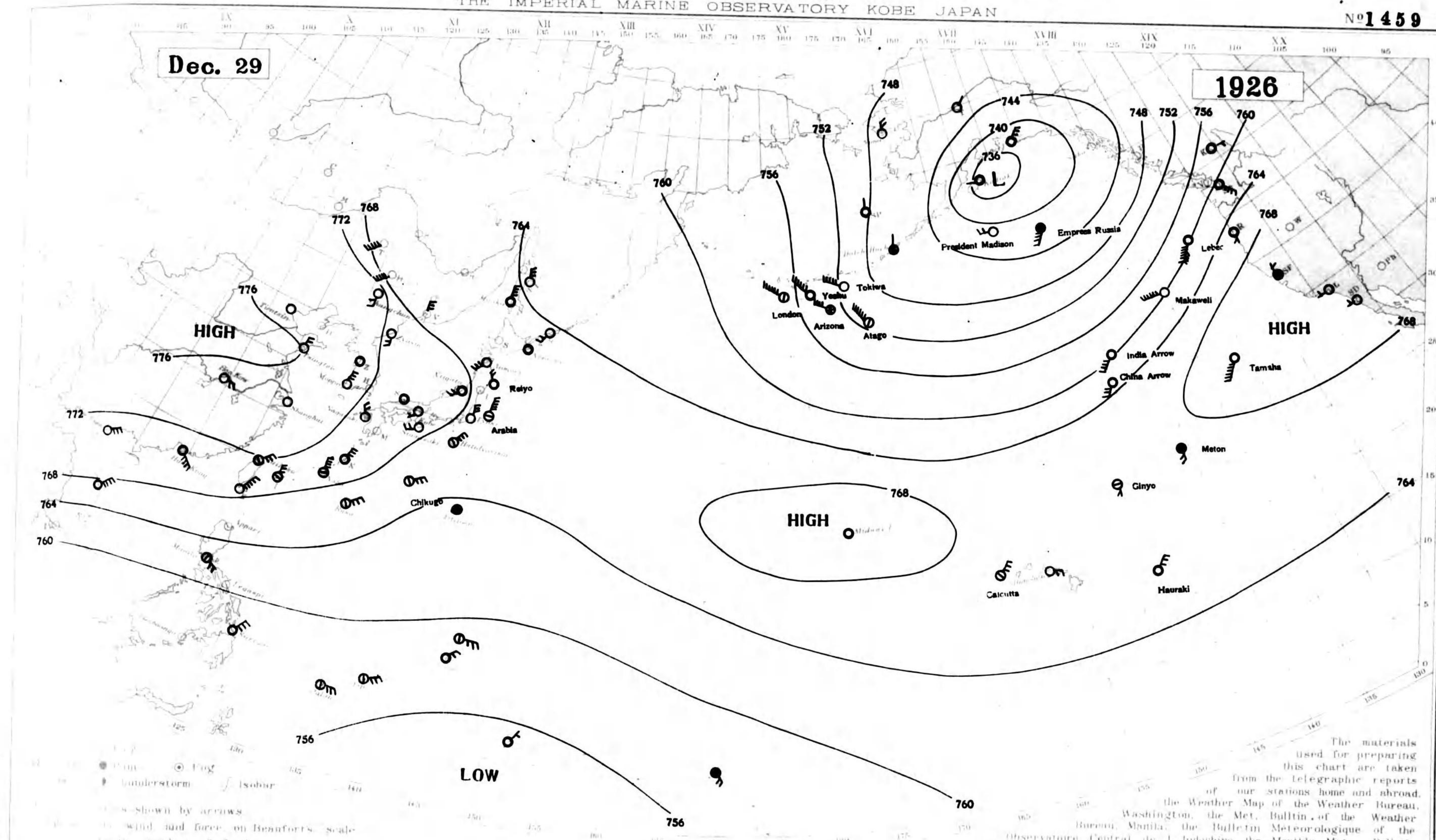
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# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No. 1459



● Fog  
 ○ Fog  
 \* Thunderstorm  
 / Isobar  
 - Snow shown by arrows  
 - Wind and force on Beaufort's scale  
 - 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 Naval Observatory, Vladivostok, and the met. logs of the Steamers.

Observation	Enboku 12° 135° E	Naha 12° 135° E	Nagasaki 12° 135° E	Suisun 12° 135° E	Kobe 12° 135° E	Yokohama 12° 135° E	Hatidyosima 12° 135° E	Fuzuma 12° 135° E	Nagata 12° 135° E	Amami 12° 135° E	Nanto 12° 135° E	Miyako 12° 135° E	Mopu 12° 135° E	Zyosin 12° 135° E	Changechun 12° 135° E	Tientsin 12° 135° E	Tsingtau 12° 135° E
Barometer (reduced to Sea Level)	771.8	768.6	771.2	768.2	769.8	767.3	767.1	763.6	769.1	766.6	764.3	764.3	773.1	771.7	773.0	774.0	775.9
Direction of Winds (10-12)	NE 3	N 4	NNW 2	WSW 2	SW 1	N 3	NNE 3	- 1	SW 2	SW 3	- 1	N 4	N 3	S 2	- 9.5	- 2.6	- 0.6
Force of Winds (10-12)	fair	fair	clear	clear	clear	clear	fair	rain	cloudy	snow	cloudy	cloudy	clear	clear	clear	clear	clear
Observation	Shanghai 12° 135° E	Hankow 12° 135° E	Ko-sa 12° 135° E	Peking 12° 135° E	Hongkong 14°	Manila 14°	Sourabaya 14°	Gouan 14°	Yap 14°	Phi Lien 14°	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
Barometer (reduced to Sea Level)	775.0	774.1	767.3	757.1	769.7	761.8	759.5	758.0	757.8	771.7	-	765.0	769.1	746.8	-	746.2	735.1
Direction of Winds (10-12)	calm	E 2	NE 3	E 3	ESE 4	ESE 2	NNE 3	NE 2	ESE 3	NE 3	-	E 2	calm	N 2	-	N -	-
Force of Winds (10-12)	clear	clear	fair	fair	cloudy	fair	cloudy	cloudy	fair	clear	-	clear	cloudy	clear	-	snow	cloudy

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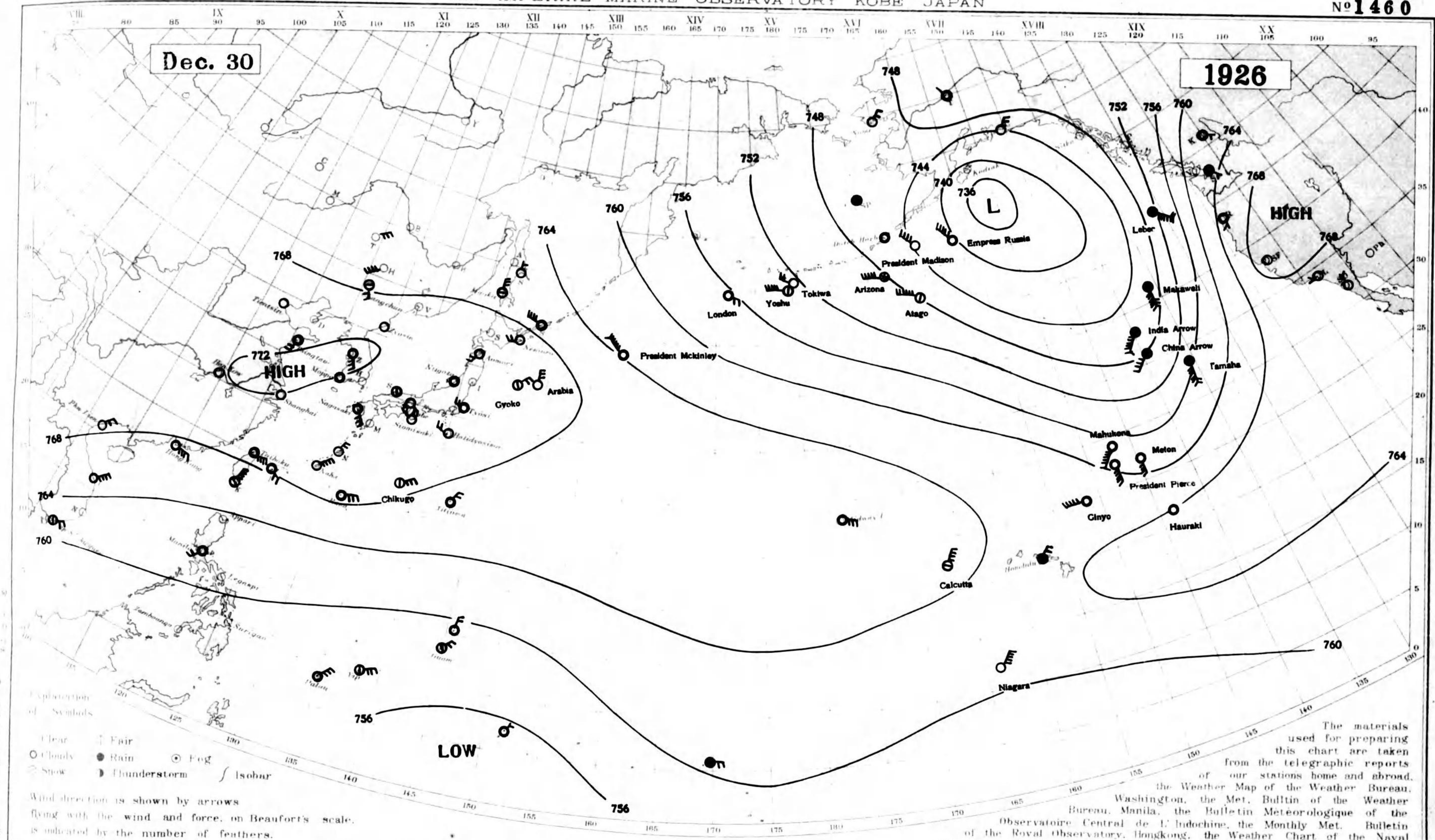
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# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No 1460



Explanation of Symbols  
 Clear ☐ Fair ☐  
 Cloudy ○ Rain ● Fog ○  
 Snow ❄ Flounderstorm ⚡ Isobar —  
 Wind direction as 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 Naval Observatory, Vladivostok, and the met. logs of the Steamers.

Station	Taihoku 12 <sup>h</sup> , 135 <sup>E</sup>	Naha 12 <sup>h</sup> , 135 <sup>E</sup>	Nagasaki 12 <sup>h</sup> , 135 <sup>E</sup>	Simsaki 12 <sup>h</sup> , 135 <sup>E</sup>	Kobe 12 <sup>h</sup> , 135 <sup>E</sup>	Tyosi 12 <sup>h</sup> , 135 <sup>E</sup>	Batdyosma 12 <sup>h</sup> , 135 <sup>E</sup>	Titizima 12 <sup>h</sup> , 135 <sup>E</sup>	Niigata 12 <sup>h</sup> , 135 <sup>E</sup>	Amoy 12 <sup>h</sup> , 135 <sup>E</sup>	Nemuro 12 <sup>h</sup> , 135 <sup>E</sup>	Maoka 12 <sup>h</sup> , 135 <sup>E</sup>	Moppo 12 <sup>h</sup> , 135 <sup>E</sup>	Zyosin 12 <sup>h</sup> , 135 <sup>E</sup>	Changchun 12 <sup>h</sup> , 135 <sup>E</sup>	Tientsin 12 <sup>h</sup> , 135 <sup>E</sup>	Tsingtau 12 <sup>h</sup> , 135 <sup>E</sup>
Atm. Pressure (reduced to m.s.l. and Std Gr)	769.4	768.3	771.3	770.0	771.1	770.2	770.3	766.3	771.1	770.0	768.5	765.9	772.0	770.1	767.6	769.3	771.5
Air Temperature (in C)	18.9	13.4	8.1	12.8	8.0	6.5	13.2	17.0	2.8	5.2	-0.3	-0.6	2.6	2.2	-7.1	-1.6	4.0
Direction and Force of Winds (0-12)	E 4	NE 4	SE 3	WNW 2	SE 2	WNW 2	WNW 2	NE 2	- 1	SW 2	WSW 2	N 3	calm	- 1	SE 2	- 1	SSW 2
Weather	cloudy	clear	cloudy	clear	clear	cloudy	clear	cloudy	cloudy	clear	clear	fair	cloudy	clear	fair	clear	cloudy

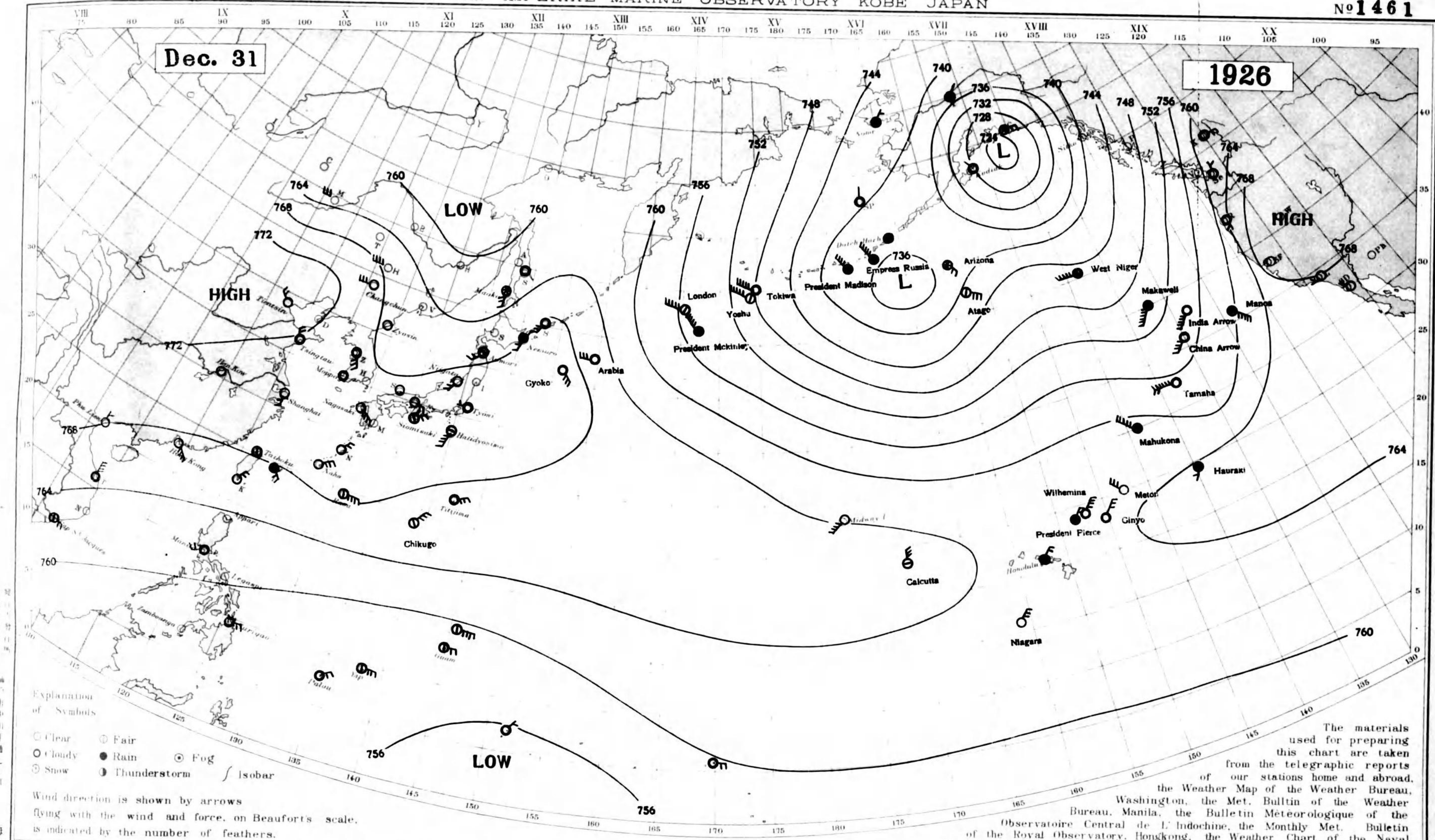
Station	Shanghai 12 <sup>h</sup> , 135 <sup>E</sup>	Hankow 12 <sup>h</sup> , 135 <sup>E</sup>	Rasa 12 <sup>h</sup> , 135 <sup>E</sup>	Pulau 12 <sup>h</sup> , 135 <sup>E</sup>	Hongkong 14 <sup>h</sup>	Manila 14 <sup>h</sup>	Surigao 14 <sup>h</sup>	Guam 14 <sup>h</sup>	Yap 14 <sup>h</sup>	Phi Lien 10 <sup>h</sup>	Cap St-Jacques 10 <sup>h</sup>	Honolulu 20 <sup>h</sup>	Midway I. 16 : 30 <sup>h</sup>	Nome 20 <sup>h</sup> , 135 <sup>W</sup>	Sitka 20 <sup>h</sup> , 135 <sup>W</sup>	Dutch Harbor 20 <sup>h</sup> , 135 <sup>W</sup>	Kodiak 20 <sup>h</sup> , 135 <sup>W</sup>
Atm. Pressure (Red. to m.s.l. and Std Gr)	771.9	771.9	768.3	757.8	767.3	761.0	-	758.9	758.3	770.7	762.7	763.5	767.1	746.8	-	745.2	739.6
Air Temperature (in C)	9.6	8.4	19.5	26.0	17.	26.	-	-	-	20.	28.	22.	20.	-21.	-	0.	-3.
Direction and Force of Winds (0-12)	calm	calm	ENE 3	NE 3	E 4	SW 2	-	NE 2	ENE 3	NE 2	ENE 2	NE 2	E 3	NE 2	-	calm	calm
Weather	clear	clear	cloudy	cloudy	cloudy	cloudy	-	fair	fair	clear	fair	rain	cloudy	clear	-	cloudy	clear



# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No 1461



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 Naval Observatory, Vladivostok, and the met. logs of the Steamers.

Station	Taihoku	Naha	Nagasaki	Simsaki	Kobe	Tyosi	Hatidyosima	Titizina	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)	768.4	769.5	770.7	769.1	770.5	769.6	769.9	766.5	769.5	767.8	767.9	762.8	770.3	765.9	769.6	773.9	771.5
Air Temperature (in C)	19.6	19.3	11.7	12.3	8.2	7.8	15.8	18.2	3.5	6.1	0.7	2.0	4.6	2.3	-10.5	-1.9	0.1
Direction and Force of Winds (0-12)	calm	ESE 3	ESE 4	NE 2	E 2	W 1	SSW 4	ESE 3	SSW 2	SW 2	SSW 2	S 3	- 1	- 1	W 3	NW 2	NNW 2
Weather	fair	clear	clear	fair	clear	cloudy	fair	cloudy	clear	fair	snow	snow	cloudy	clear	clear	clear	cloudy
Station	Shanghai	Hankow	Rasa	Palau	Hongkong	Manila	Surigao	Guam	Yap	Phu Lien	Cap S. Jacques	Honolulu	Midway I.	Nome	Sitka	Dutch Harbor	Kodiak
Hour of Observation	12 <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)	770.1	770.7	768.4	758.3	767.6	761.2	769.4	769.5	768.6	769.6	763.1	763.5	764.0	742.2	-	737.6	728.0
Air Temperature (in C)	10.6	9.4	20.4	27.7	18.	29.	29.	-	-	18.	24.	22.	21.	-19.	-	-6.	-1.
Direction and Force of Winds (0-12)	S 2	- 1	E 4	ESE 2	ESE 4	WSW 2	E 2	E 2	E 3	N 1	E 2	NE 2	SW 4	NE 1	-	calm	NW -
Weather	clear	clear	fair	cloudy	clear	cloudy	cloudy	fair	fair	clear	fair	rain	clear	rain	-	rain	cloudy

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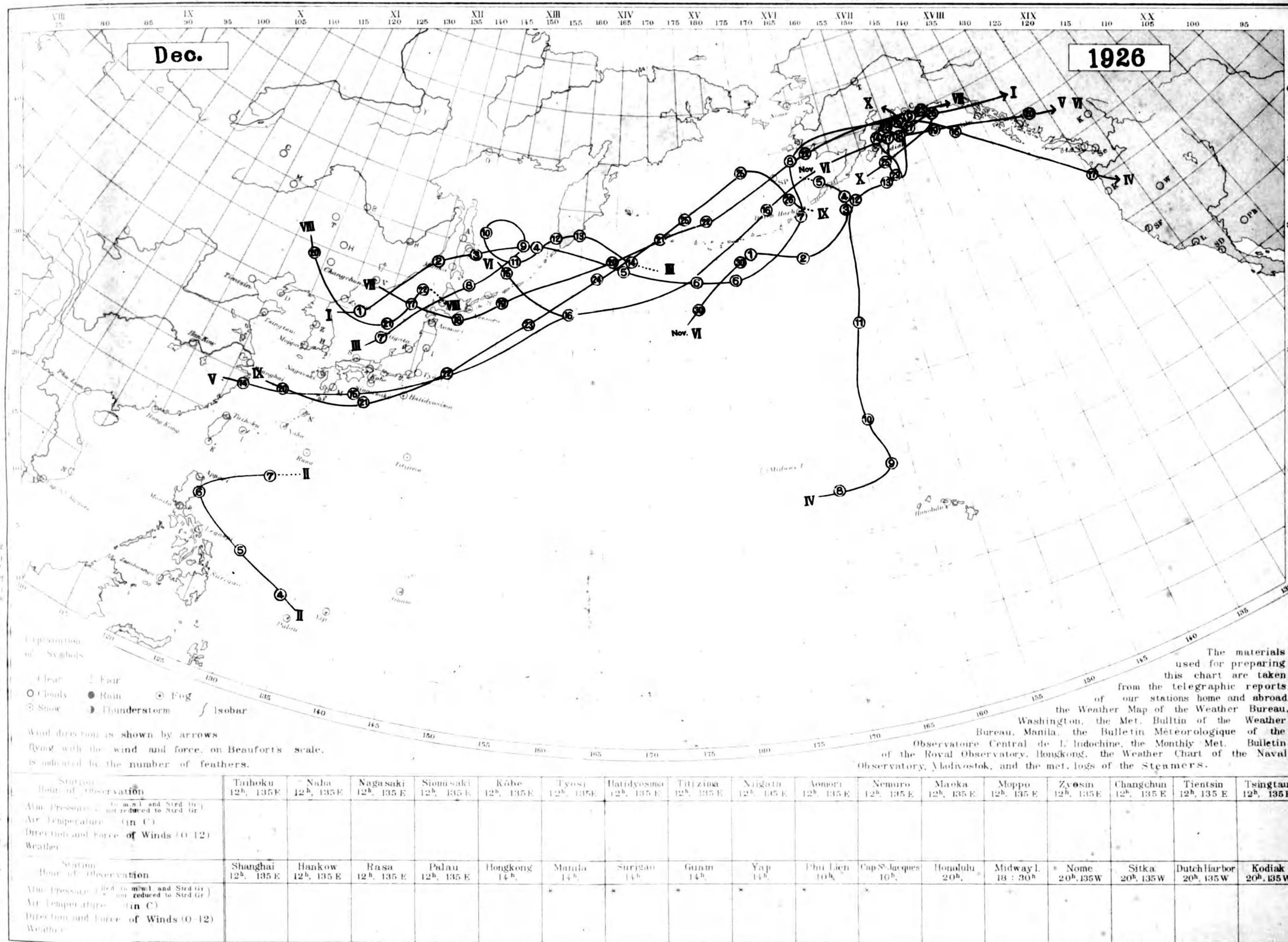
# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No

Appendix; Tracks of Cyclones



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