北太平洋天氣圖

昭和四年九月

神戶

海洋氣象臺

DAILY WEATHER CHARTS

OF THE

NORTH PACIFIC OCEAN.

SEPTEMBER

1929

THE IMPERIAL MARINE OBSERVATORY,

KOBE, JAPAN.

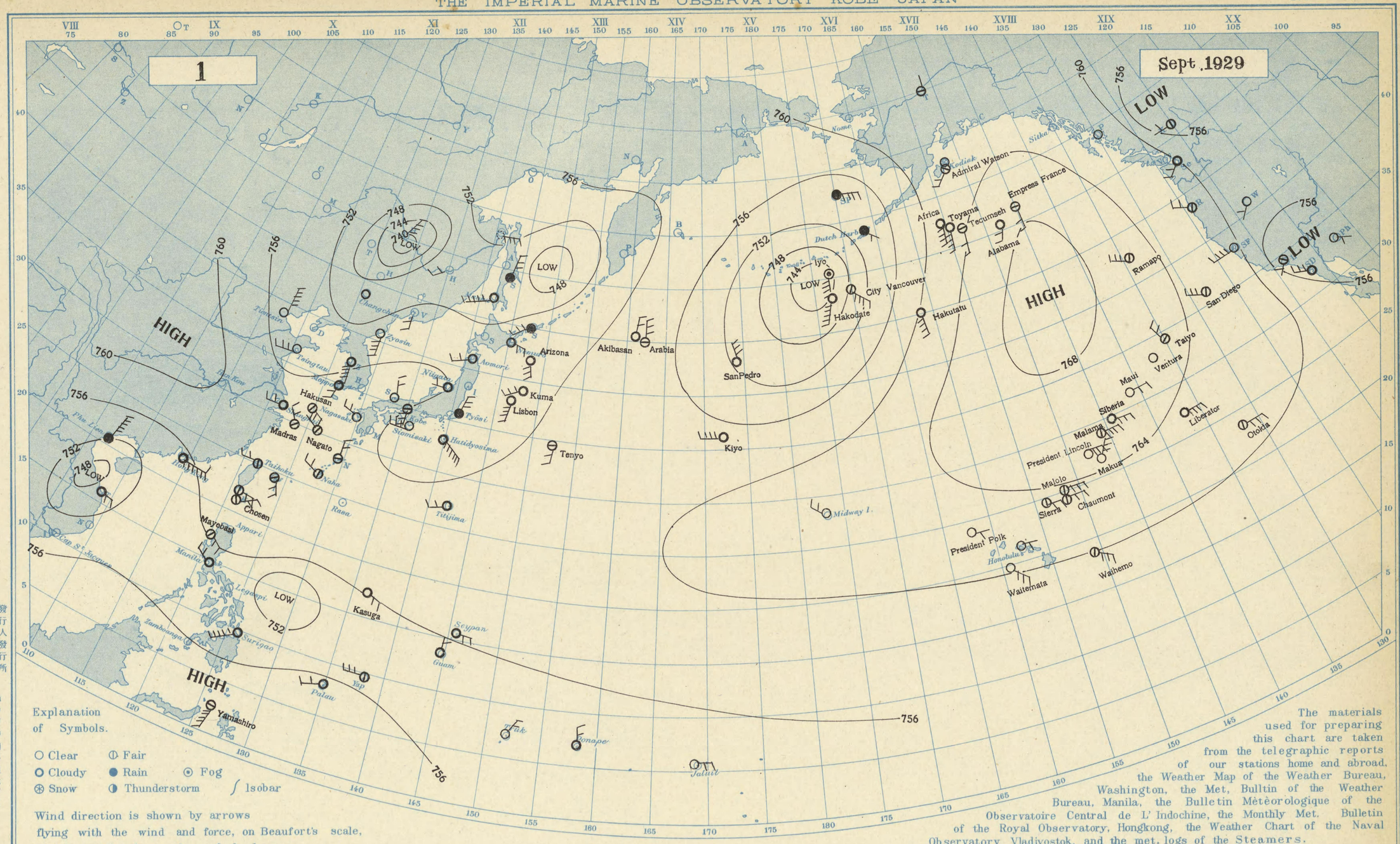
寄贈
5.5.19
帝國圖書館

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2436



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. Bulltin of the Weather Bureau, Manila, the Bulletin Mètèorologique 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 / Hour of Observation	Taihoku 12h, 135 E	Naha 12h, 135 E	Nagasaki 12h, 135 E	Siomisaki 12h, 135 E	Kôbe 12h, 135 E	Tyôsi 12h, 135 E	Hatidyôsima 12h, 135 E	Titizima 12h, 135 E	Niigata 12h, 135 E	Aomori 12h, 135 E	Nemuro 12h, 135 E	Maoka 12h, 135 E	Moppo 12h, 135 E	Zyôsin 12h, 135 E	Changchun 12h, 135 E	Tientsin 12h, 135 E	Tsingtau 12h, 135 E
Atm. Pressure (Red. to m.s.l. and Strd. Gr.)	757.8	758.0	757.3	754.9	755.8	754.6	755.6	758.7	756.0	755.5	752.4	750.0	757.0	752.8	749.6	754.9	755.2
* not reduced to Strd. Gr.	32.0	29.9	28.6	30.7	29.9	25.1	29.2	31.8	26.5	25.8	21.6	16.2	26.0	22.3	17.8	24.2	26.0
Air Temperature (in C)	W 2	WNW 2	WNW 2	W 3	S 3	NNE 3	SE 6	WSW 2	W 1	WSW 2	ESE 2	WSW 5	SSW 2	S 4	- 1	N 5	W 3
Direction and Force of Winds (0-12)	fair	fair	clear	clear	fair	rain	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	clear	cloudy	clear	clear
Weather																	

Station / Hour of Observation	Shanghai 12h, 135 E	Hankow 12h, 135 E	Rasa 12h, 135 E	Palau 12h, 135 E	Hongkong 10h,	Manila 14h,	Surigao 14h,	Guam 14h,	Yap 14h,	Phu-Lien 10h,	Truk 6h	Jaluit 8h	Honolulu 20h,	Midway I. 18:30h	Nome 20h, 135W	Dutch Harbor Midnight, G.M.T	Kodiak Midnight, G.M.T
Atm. Pressure (Red. to m.s.l. and Strd Gr.)	756.5	759.8	-	756.3	755.7	*756.5	* 754.9	*756.9	* 757.6	752.2	755.1	756.7	760.5	761.5	-	753.9	761.0
* not reduced to Strd Gr.)	31.2	26.9	-	28.4	26.0	29.0	28.0	-	-	25.0	26.4	27.2	26.0	-	-	13.0	18.0
Air Temperature (in C)	W 2	- 1	-	WSW 2	E 7	NW 2	SW 5	N 1	W 3	NNE 5	NE 2	E 2	E 1	NW 2	-	SE 1	calm
Direction and Force of Winds (0-12)	cloudy	clear	-	cloudy	cloudy	cloudy	cloudy	cloudy	fair	rain	-	-	clear	clear	-	rain	clear
Weather																	

發行人 印刷人 神戸市中山手通七丁目 海洋氣象臺

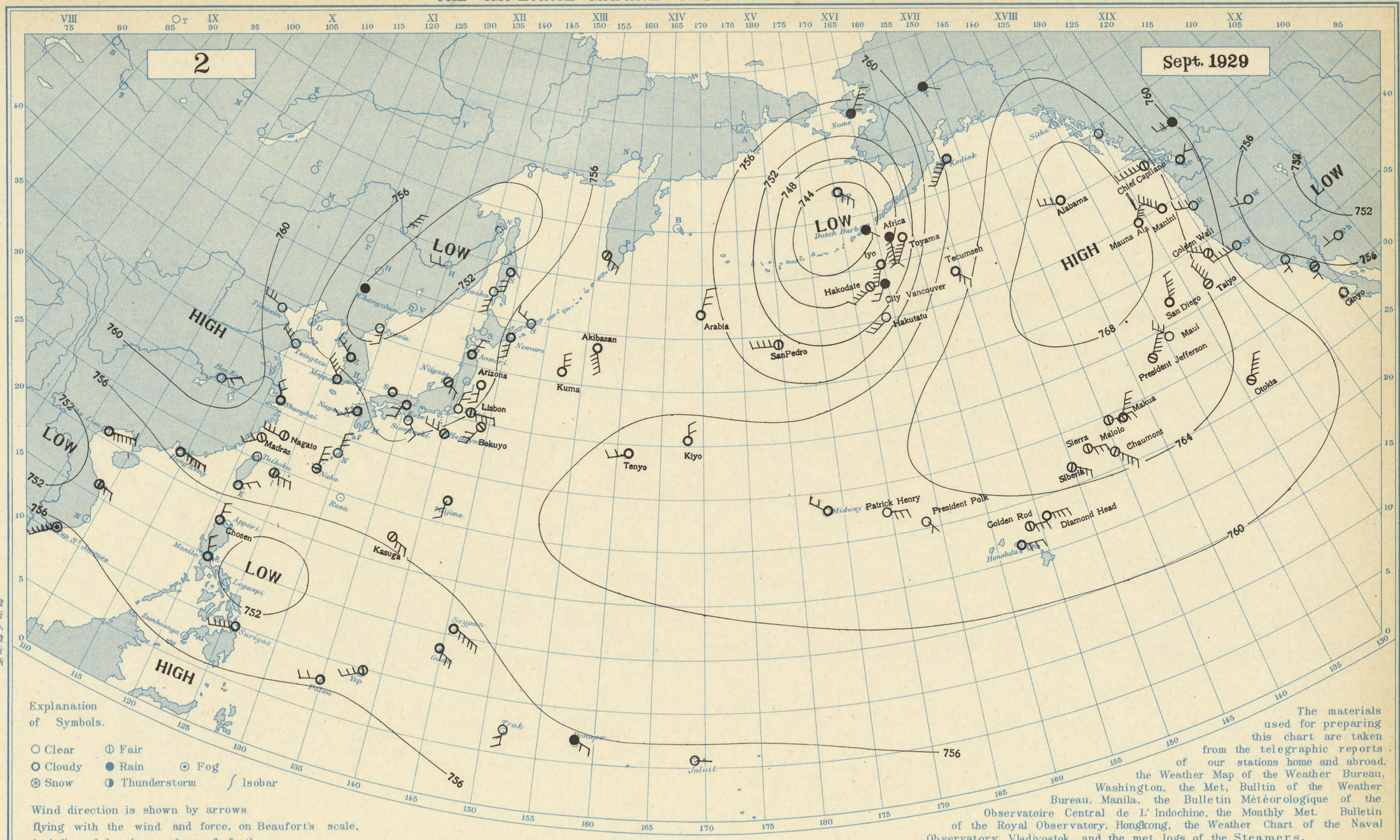
昭和四年九月一日 北太平洋天氣圖 第二四三六號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 2437



Explanation of Symbols.

○ Clear ◑ Fair

● Cloudy ● Rain ⊙ Fog

⊛ Snow ◑ Thunderstorm ∫ Isobar

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Station / Hour of Observation	Taihoku 12h, 135E	Naha 12h, 135E	Nagasaki 12h, 135E	Siomisaki 12h, 135E	Kôbe 12h, 135E	Tyôsi 12h, 135E	Hatidyôsima 12h, 135E	Titizima 12h, 135E	Niigata 12h, 135E	Aomori 12h, 135E	Nemuro 12h, 135E	Maoka 12h, 135E	Moppo 12h, 135E	Zyôsin 12h, 135E	Changchun 12h, 135E	Tientsin 12h, 135E	Tsingtau 12h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr. / * not reduced to Strd. Gr.)	756.4	757.4	756.6	755.9	755.3	755.8	756.4	758.7	754.6	754.8	756.2	753.6	756.6	751.1	751.9	757.3	757.5
Air Temperature (in C)	33.3	30.2	28.0	28.9	31.3	27.0	29.5	26.0	28.9	24.2	21.5	21.0	25.6	22.9	12.0	24.3	24.1
Direction and Force of Winds (0-12)	- 1	N 3	SW 2	SE 2	SSW 2	NNE 2	WNW 3	S 2	SE 2	NE 2	S 3	SSW 3	NW 4	S 2	calm	W 3	NW 3
Weather	clear	fair	cloudy	clear	cloudy	clear	fair	cloudy	fair	cloudy	cloudy	clear	cloudy	clear	rain	clear	clear

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Rasa 12h, 135E	Palau 12h, 135E	Hongkong 10h,	Manila 14h,	Surigao 14h,	Guam 14h,	Yap 14h,	Phu-Lien 10h,	Truk 6h	Jaluit 8h	Honolulu 20h,	Midway I. 18:30h	Nome 20h, 135W	Dutch Harbor Midnight, G.M.T.	Kodiak Midnight, G.M.T.
Atm. Pressure (Red. to m.s.l. and Strd Gr. / * not reduced to Strd Gr.)	759.1	761.0	-	756.0	756.7	*753.2	* 754.4	*755.6	* 756.9	753.3	754.7	756.4	761.0	761.5	754.9	742.7	760.5
Air Temperature (in C)	28.6	29.0	-	28.3	28.0	25.0	27.0	-	-	26.0	26.4	29.7	27.0	-	10.0	13.0	12.0
Direction and Force of Winds (0-12)	NW 2	NE 2	-	WSW 2	E 5	NNW 2	WSW 5	SE 3	SW 3	ENE 7	S 2	E -	E 3	NW 2	NE 5	SE 1	SW 6
Weather	cloudy	clear	-	cloudy	cloudy	cloudy	cloudy	cloudy	fair	cloudy	-	-	cloudy	cloudy	rain	rain	cloudy

發行人 印刷人 神戸市中山手通七丁目 海洋氣象臺

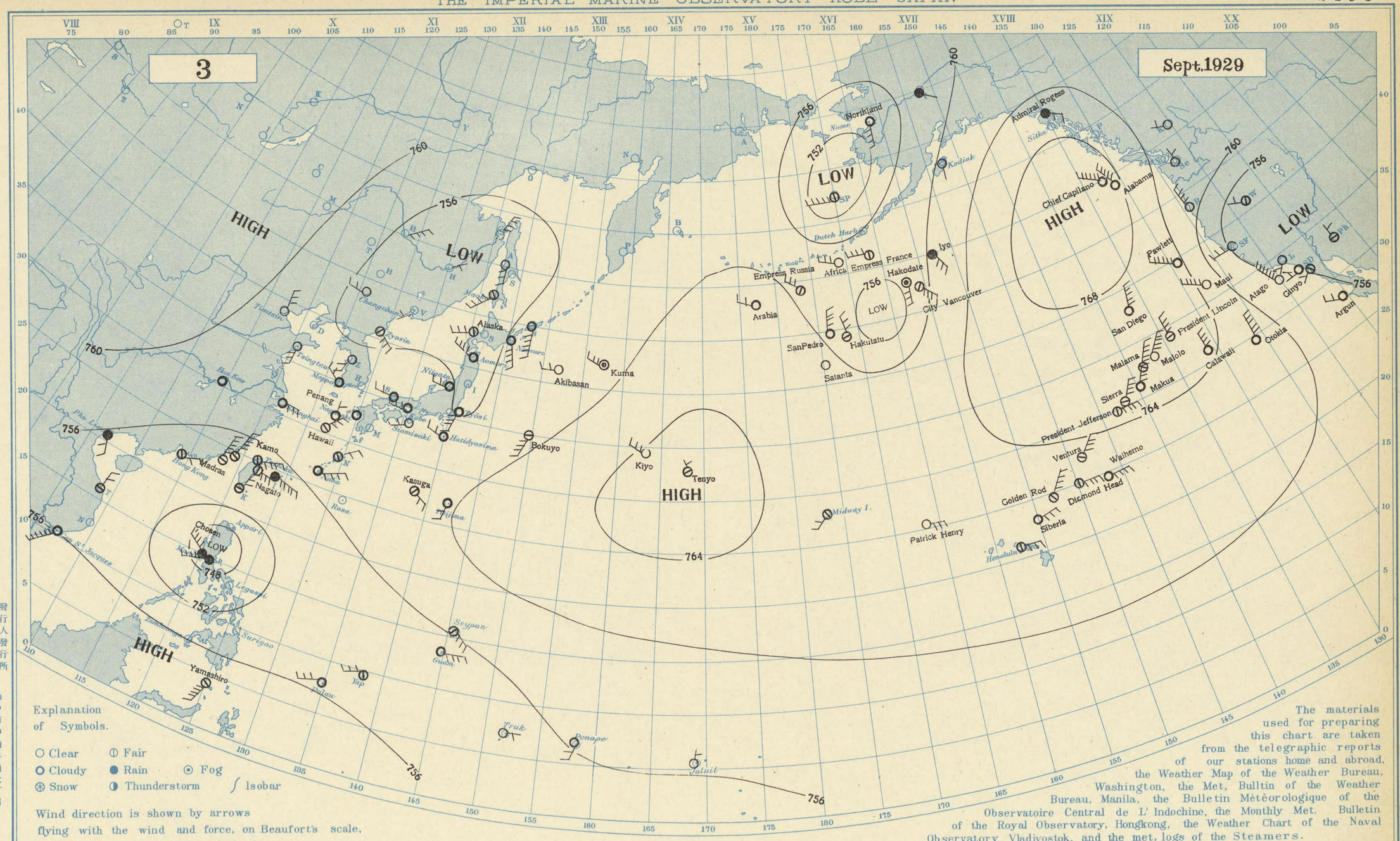
昭和四年九月二日 北太平洋天氣圖 第二四三七號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 2438



Explanation of Symbols.

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● Cloudy ● Rain ⊙ Fog

⊛ Snow ◑ Thunderstorm ∫ Isobar

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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, Bulltin of the Weather Bureau, Manila, the Bulletin Mètèorologique 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 / Hour of Observation	Taihoku 12h, 135E	Naha 12h, 135E	Nagasaki 12h, 135E	Siomisaki 12h, 135E	Kôbe 12h, 135E	Tyôsi 12h, 135E	Hatidyôsima 12h, 135E	Titizima 12h, 135E	Niigata 12h, 135E	Aomori 12h, 135E	Nemuro 12h, 135E	Maoka 12h, 135E	Moppo 12h, 135E	Zyôsin 12h, 135E	Changchun 12h, 135E	Tientsin 12h, 135E	Tsingtau 12h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr. / * not reduced to Strd. Gr.)	755.1	756.9	759.2	756.9	757.6	755.8	757.7	759.9	757.3	755.8	756.7	753.4	758.7	755.2	754.7	758.1	757.7
Air Temperature (in C)	33.1	30.6	25.5	28.5	29.6	28.6	29.8	29.1	26.5	25.3	20.7	20.2	26.1	22.1	18.0	26.7	26.2
Direction and Force of Winds (0-12)	ENE 4	ENE 4	- 1	WSW 2	W 3	SSW 4	WNW 2	SSW 2	W 2	NW 4	SSE 4	SW 4	NW 2	SE 3	W 2	N 3	S 3
Weather	fair	cloudy	cloudy	clear	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	fair	cloudy	fair	clear	clear	clear

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Rasa 12h, 135E	Palau 12h, 135E	Hongkong 10h,	Manila 14h,	Surigao 14h,	Guam 14h,	Yap 14h,	Phu-Lien 10h,	Truk 6h	Jaluit 8h	Honolulu 20h,	Midway I. 18:30h	Nome 20h, 135W	Dutch Harbor 16h, 135W	Kodiak 12h, 135W
Atm. Pressure (Red. to m.s.l. and Strd Gr. / * not reduced to Strd Gr.)	758.9	758.9	-	755.9	755.7	*746.7	* -	*755.4	* 756.5	756.1	755.1	757.4	761.0	762.5	-	-	760.5
Air Temperature (in C)	28.8	28.6	-	28.8	31.0	26.0	-	-	-	25.0	26.5	27.4	27.0	-	-	-	-
Direction and Force of Winds (0-12)	E 3	- 1	-	WSW 3	ENE 2	WSW 6	-	E 4	WSW 3	SSE 2	E 1	N 1	E 3	SW 2	-	-	S 1
Weather	cloudy	cloudy	-	cloudy	fair	rain	-	cloudy	fair	rain	-	-	fair	fair	-	-	clear

印刷人販賣所 神戸市中山手通七丁目 海洋氣象臺

發行人發行所

昭和四年九月三日

北太平洋天氣圖

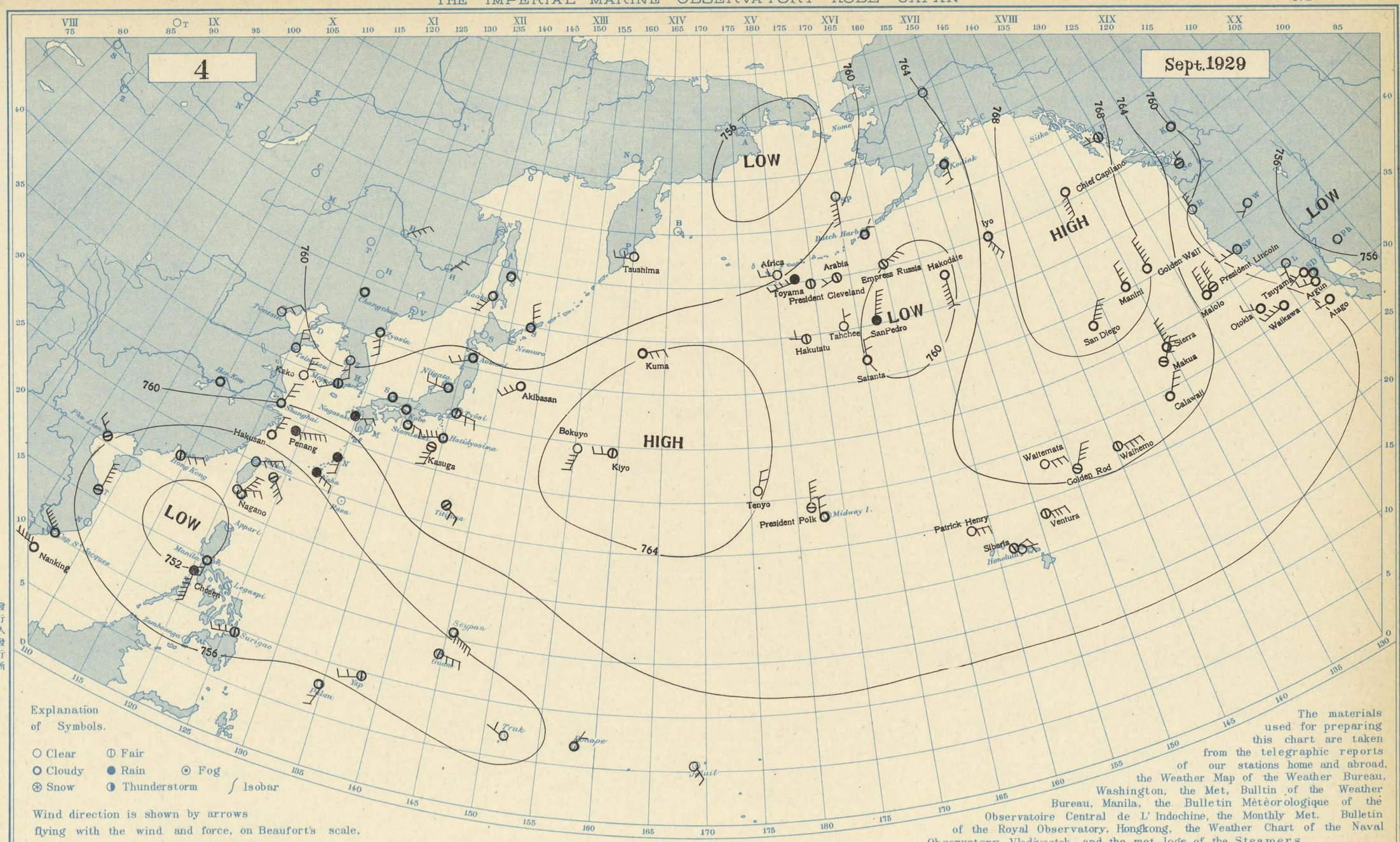
第二四三八號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№2439



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.

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Station / Hour of Observation	Taihoku 12h, 135E	Naha 12h, 135E	Nagasaki 12h, 135E	Siomisaki 12h, 135E	Kôbe 12h, 135E	Tyôsi 12h, 135E	Hatidyôsima 12h, 135E	Titizima 12h, 135E	Niigata 12h, 135E	Aomori 12h, 135E	Nemuro 12h, 135E	Maoka 12h, 135E	Moppo 12h, 135E	Zyôsin 12h, 135E	Changchun 12h, 135E	Tientsin 12h, 135E	Tsingtau 12h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr. / * not reduced to Strd. Gr.)	754.2	756.2	761.6	760.5	761.5	760.3	761.1	761.6	761.7	760.4	759.4	757.0	760.4	759.3	759.1	761.4	761.3
Air Temperature (in C)	32.9	27.0	22.3	27.6	26.1	27.6	28.3	31.2	27.0	23.2	18.3	18.7	28.4	21.6	17.9	26.5	24.0
Direction and Force of Winds (0-12)	ENE 4	ESE 3	ENE 2	ESE 2	- 1	ESE 2	WSW 4	SE 2	W 2	WSW 2	- 1	SW 3	SW 2	SSE 3	calm	NE 2	NNW 2
Weather	clear	rain	rain	cloudy	cloudy	fair	cloudy	fair	cloudy	cloudy	fair	cloudy	fair	cloudy	cloudy	clear	clear

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Rasa 12h, 135E	Palau 12h, 135E	Hongkong 10h,	Manila 14h,	Surigao 14h,	Guam 14h,	Yap 14h,	Phu-Lien 10h,	Truk 6h	Jaluit 8h	Honolulu 20h,	Midway I. 18:30h	Nome 20h, 135W	Dutch Harbor Midnight, G. M. T.	Kodiak Midnight, G. M. T.
Atm. Pressure (Red. to m.s.l. and Strd Gr. / * not reduced to Strd Gr.)	759.6	760.6	-	756.9	754.1	*752.6	*755.4	*756.7	*757.2	756.1	755.6	758.8	761.0	763.0	-	762.0	763.0
Air Temperature (in C)	27.5	26.9	-	29.4	30.0	28.0	32.0	-	-	30.0	24.0	24.7	27.0	-	-	10.0	16.0
Direction and Force of Winds (0-12)	NNE 3	- 1	-	SSW 2	ENE 3	S 2	WSW 3	ESE 3	WSW 2	NW 2	NW 1	SSE 2	E 1	N 2	-	NE 1	S 2
Weather	cloduy	cloudy	-	cloudy	fair	cloudy	fair	fair	fair	fair	-	-	clear	cloudy	-	cloudy	cloudy

印刷人販賣所 神戸市中山手通七丁目 海洋氣象臺

發行人發行所

昭和四年九月四日

北太平洋天氣圖

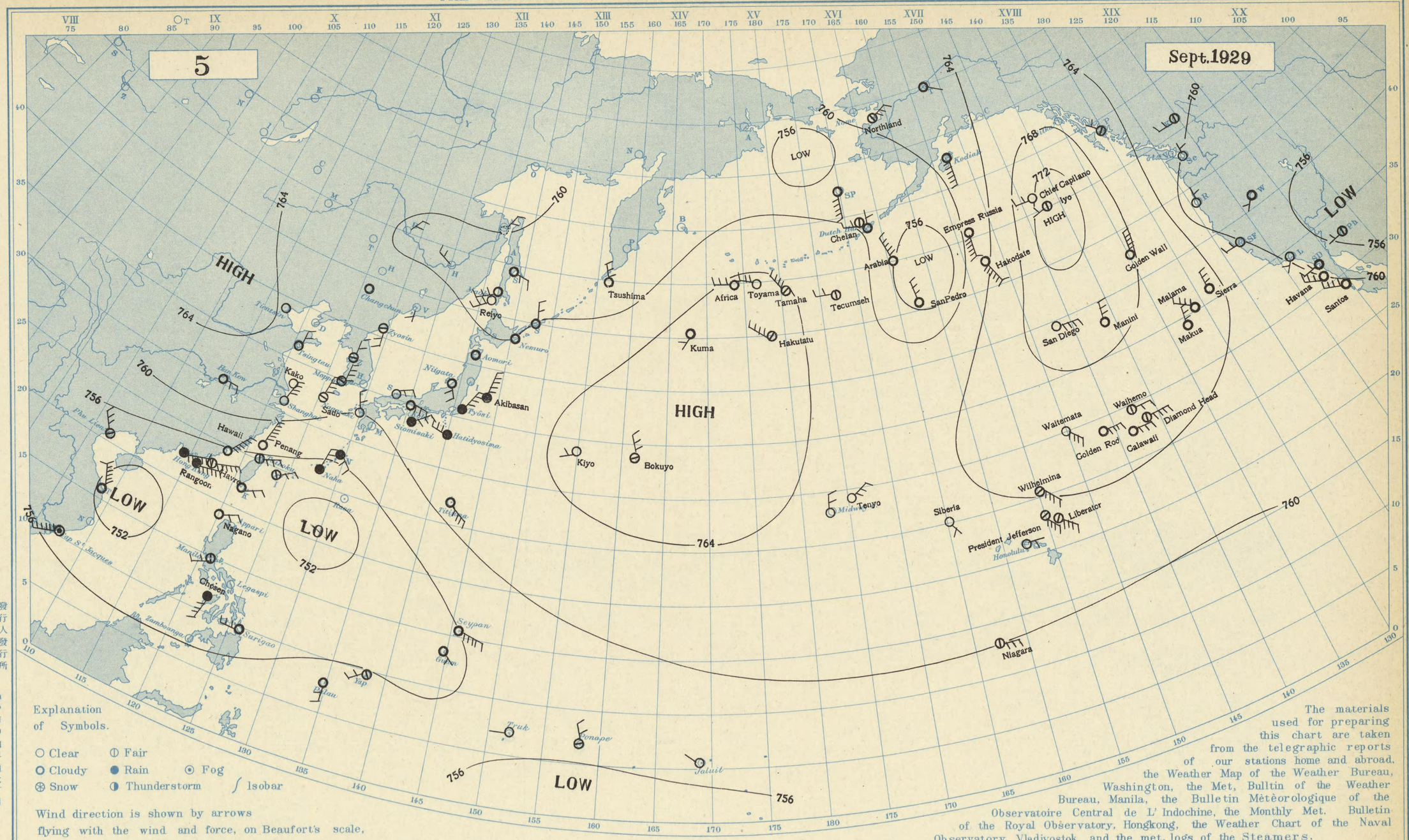
第二四三九號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2440



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, Bulltin of the Weather Bureau, Manila, the Bulletin Mètèorologique 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 / Hour of Observation	Taihoku 12h, 135E	Naha 12h, 135E	Nagasaki 12h, 135E	Siomisaki 12h, 135E	Kôbe 12h, 135E	Tyôsi 12h, 135E	Hatidyôsima 12h, 135E	Titizima 12h, 135E	Niigata 12h, 135E	Aomori 12h, 135E	Nemuro 12h, 135E	Maoka 12h, 135E	Moppo 12h, 135E	Zyôsin 12h, 135E	Changchun 12h, 135E	Tientsin 12h, 135E	Tsingtau 12h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr. / * not reduced to Strd. Gr.)	756.1	754.8	759.9	759.7	760.4	760.4	760.4	760.7	760.5	761.8	759.9	759.2	761.5	760.6	761.1	762.9	763.2
Air Temperature (in C)	32.6	26.9	25.6	20.3	23.2	20.6	24.1	31.6	21.3	22.0	17.2	17.3	27.5	23.2	19.0	27.1	24.4
Direction and Force of Winds (0-12)	ENE 3	NNE 3	NNW 2	NE 3	ESE 3	NE 4	WNW 3	SE 4	SSE 2	- 1	- 1	WSW 3	N 4	S 2	calm	- 1	N 2
Weather	fair	rain	clear	rain	cloudy	rain	rain	cloudy	cloudy	cloudy	cloudy	cloudy	fair	fair	cloudy	clear	cloudy

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Rasa 12h, 135E	Palau 12h, 135E	Hongkong 10h,	Manila 14h,	Surigao 14h,	Guam 14h,	Yap 14h,	Phu-Lien 10h,	Truk 6h	Jaluit 8h	Honolulu 20h,	Midway I. 18:30h	Nome 20h, 135W	Dutch Harbor Midnight G.M.T.	Kodiak Midnight G.M.T.
Atm. Pressure (Red. to m.s.l. and Strd Gr. / * not reduced to Strd Gr.)	762.0	761.3	-	757.2	754.9	*755.9	*756.6	*755.3	*757.8	754.4	756.6	758.0	762.0	763.5	-	760.0	760.5
Air Temperature (in C)	28.2	28.5	-	28.9	29.0	30.0	31.0	-	-	32.0	25.4	27.4	27.0	-	-	12.0	13.0
Direction and Force of Winds (0-12)	NNE 4	E 2	-	S 2	ENE 7	WSW 2	W 3	SE 1	SW 2	NW 3	W -	NW -	E 1	N 2	-	N 1	S 6
Weather	clear	cloudy	-	cloudy	rain	fair	cloudy	cloudy	fair	fair	-	-	clear	clear	-	cloudy	cloudy

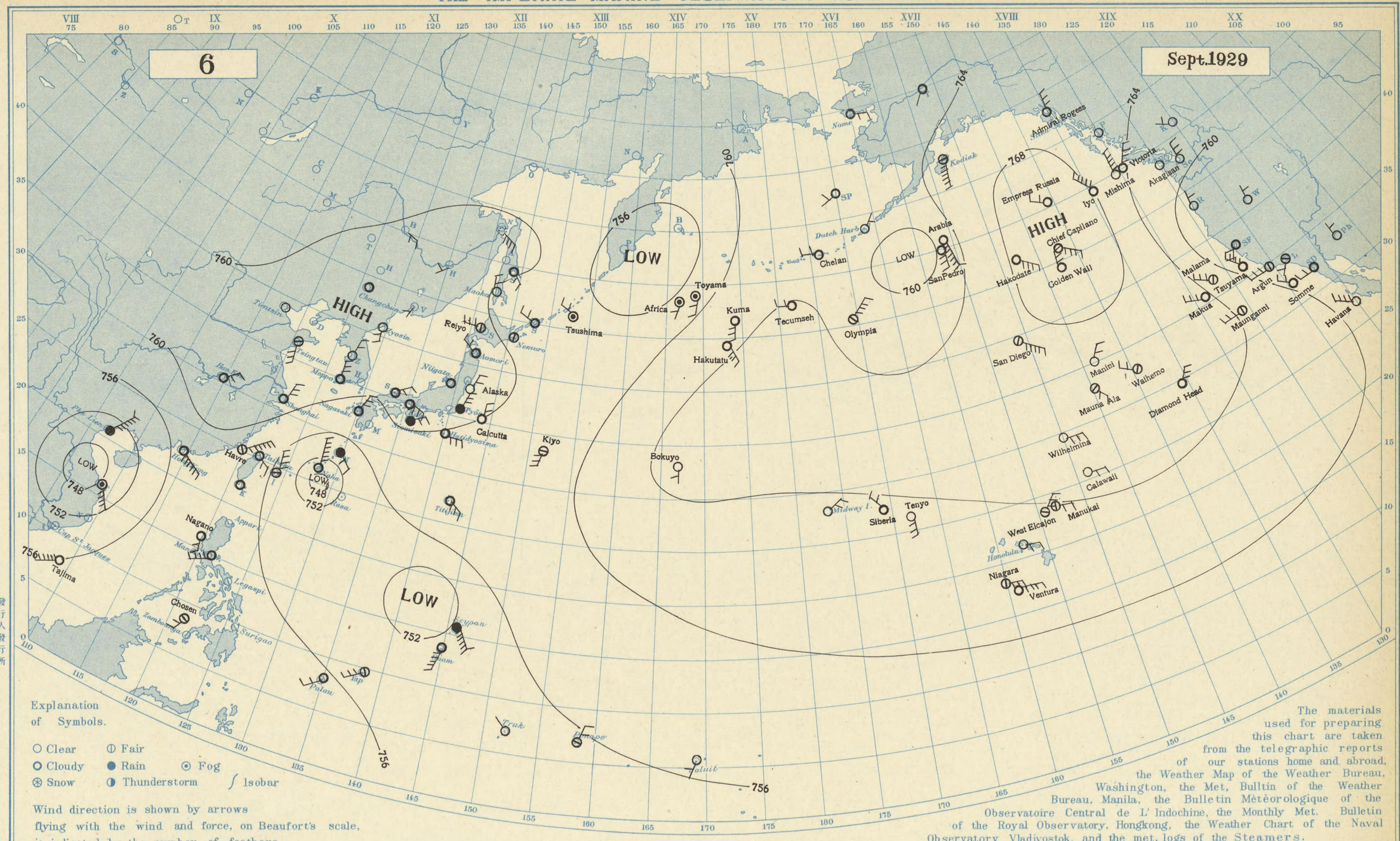
發行人發行所 印刷人販賣所 神戸市中山手通七丁目 海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 2441



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Station / Hour of Observation	Taihoku 12h, 135E	Naha 12h, 135E	Nagasaki 12h, 135E	Siomisaki 12h, 135E	Kôbe 12h, 135E	Tyôsi 12h, 135E	Hatidyôsima 12h, 135E	Titizima 12h, 135E	Niigata 12h, 135E	Aomori 12h, 135E	Nemuro 12h, 135E	Maoka 12h, 135E	Moppo 12h, 135E	Zyôsin 12h, 135E	Changchun 12h, 135E	Tientsin 12h, 135E	Tsingtau 12h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr.; * not reduced to Strd. Gr.)	757.8	750.5	758.9	760.4	760.2	760.3	759.7	758.7	761.1	760.9	759.6	759.9	761.4	762.5	761.3	760.6	763.0
Air Temperature (in C)	27.8	27.1	26.6	21.4	26.8	21.6	26.2	31.3	24.4	23.6	19.2	17.6	26.5	23.5	20.6	27.8	26.2
Direction and Force of Winds (0-12)	ESE 2	N 6	NE 3	ENE 2	SE 3	NE 3	E 3	SE 3	- 1	WNW 2	- 1	N 2	N 3	S 2	- 1	- 1	S 3
Weather	cloudy	cloudy	cloudy	rain	cloudy	rain	cloudy	cloudy	cloudy	cloudy	fair	clear	cloudy	clear	cloudy	clear	fair

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Rasa 12h, 135E	Palau 12h, 135'E	Hongkong 10h,	Manila 14h,	Surigao 14h,	Guam 14h,	Yap 14h,	Phu-Lien 10h,	Truk 6h	Jaluit 8h	Honolulu 20h,	Midway I. 18:30h	Nome 20h, 135W	Dutch Harbor	Kodiak
Atm. Pressure (Red. to m.s.l. and Strd Gr.; * not reduced to Strd Gr.)	761.4	762.8	-	756.2	756.7	* 757.0	* -	* 753.8	* 756.3	751.0	756.0	758.2	762.0	763.5	761.5	761.5	765.5
Air Temperature (in C)	27.5	25.6	-	29.5	26.0	28.0	-	-	-	28.0	28.0	26.6	26.0	-	18.0	13.0	16.0
Direction and Force of Winds (0-12)	NNE 3	NE 2	-	SW 2	ESE 6	WSW 4	-	SSW 5	SW 3	NNE 7	NW -	SSW 1	E 2	NE 2	E 2	NE 1	S 6
Weather	cloudy	cloudy	-	cloudy	cloudy	cloudy	-	cloudy	fair	rain	-	-	clear	clear	cloudy	clear	fair

Midnight, G. M. T. Midnight, G. M. T.

昭和四年九月六日 北太平洋天氣圖 第一四四二號

印刷人 販賣所 神戸市中山手通七丁目 發行人 發行所 海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

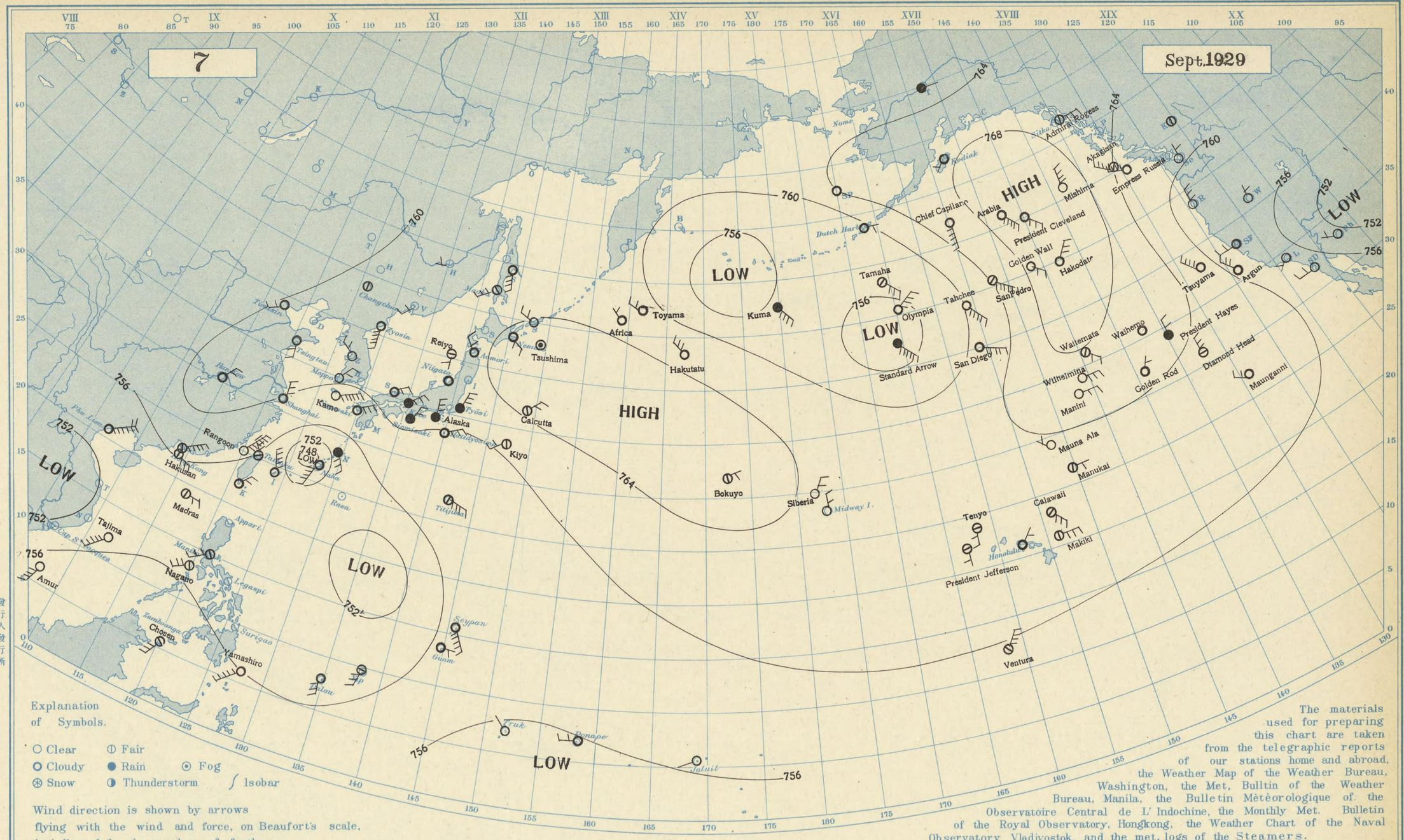
(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2442

7

Sept. 1929



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, Bulltin of the Weather Bureau, Manila, the Bulletin Mètèorologique 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 / Hour of Observation	Taihoku 12h, 135E	Naha 12h, 135E	Nagasaki 12h, 135E	Siomisaki 12h, 135E	Kôbe 12h, 135E	Tyôsi 12h, 135E	Hatidyôsima 12h, 135E	Titizima 12h, 135E	Niigata 12h, 135E	Aomori 12h, 135E	Nemuro 12h, 135E	Maoka 12h, 135E	Moppo 12h, 135E	Zyôsin 12h, 135E	Changchun 12h, 135E	Tientsin 12h, 135E	Tsingtau 12h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr.) (* not reduced to Strd. Gr.)	756.1	749.8	758.7	761.1	762.0	761.8	759.5	757.1	762.5	763.5	764.2	762.4	760.6	761.8	760.4	760.0	761.7
Air Temperature (in C)	29.1	28.6	24.1	20.2	21.2	23.2	26.8	31.3	22.5	23.1	15.0	18.5	28.6	21.5	20.8	27.0	26.9
Direction and Force of Winds (0-12)	NW 3	SSW 5	ENE 3	NE 2	NE 3	NNE 3	ENE 3	ESE 4	- 1	NNW 2	SE 2	SW 3	NE 2	S 5	- 1	WSW 2	S 2
Weather	fair	cloudy	cloudy	rain	rain	rain	cloudy	fair	cloudy	cloudy	cloudy	fair	clear	cloudy	fair	cloudy	cloudy

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Rasa 12h, 135E	Palau 12h, 135E	Hongkong 10h,	Manila 14h,	Surigao 14h,	Guam 14h,	Yap 14h,	Phu-Lien 10h,	Truk 6h	Jaluit 8h	Honolulu 20h,	Midway I. 18:30h	Nome 20h, 135W	Dutch Harbor Midnight, G. M. T.	Kodiak Midnight, G. M. T.
Atm. Pressure (Red. to m.s.l. and Strd Gr.) (* not reduced to Strd Gr.)	760.0	761.4	-	755.1	756.4	*755.4	* -	*756.9	* 756.5	754.7	756.0	758.3	761.5	763.5	-	760.0	766.1
Air Temperature (in C)	26.7	25.1	-	28.8	28.0	27.0	-	-	-	29.0	26.5	29.1	26.0	-	-	11.0	13.0
Direction and Force of Winds (0-12)	N 3	NNE 2	-	S 3	ENE 5	SW 3	-	E 1	SSW 3	ENE 8	NW -	WSW -	NE 1	N 2	-	E 1	SW 1
Weather	cloudy	cloudy	-	cloudy	fair	fair	-	cloudy	fair	cloudy	-	-	cloudy	clear	-	cloudy	cloudy

印刷人 阪賣所 神戸市中山手通七丁目 發行人 發行所 海洋氣象臺

昭和四年九月七日 北太平洋天氣圖 第二四四二號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

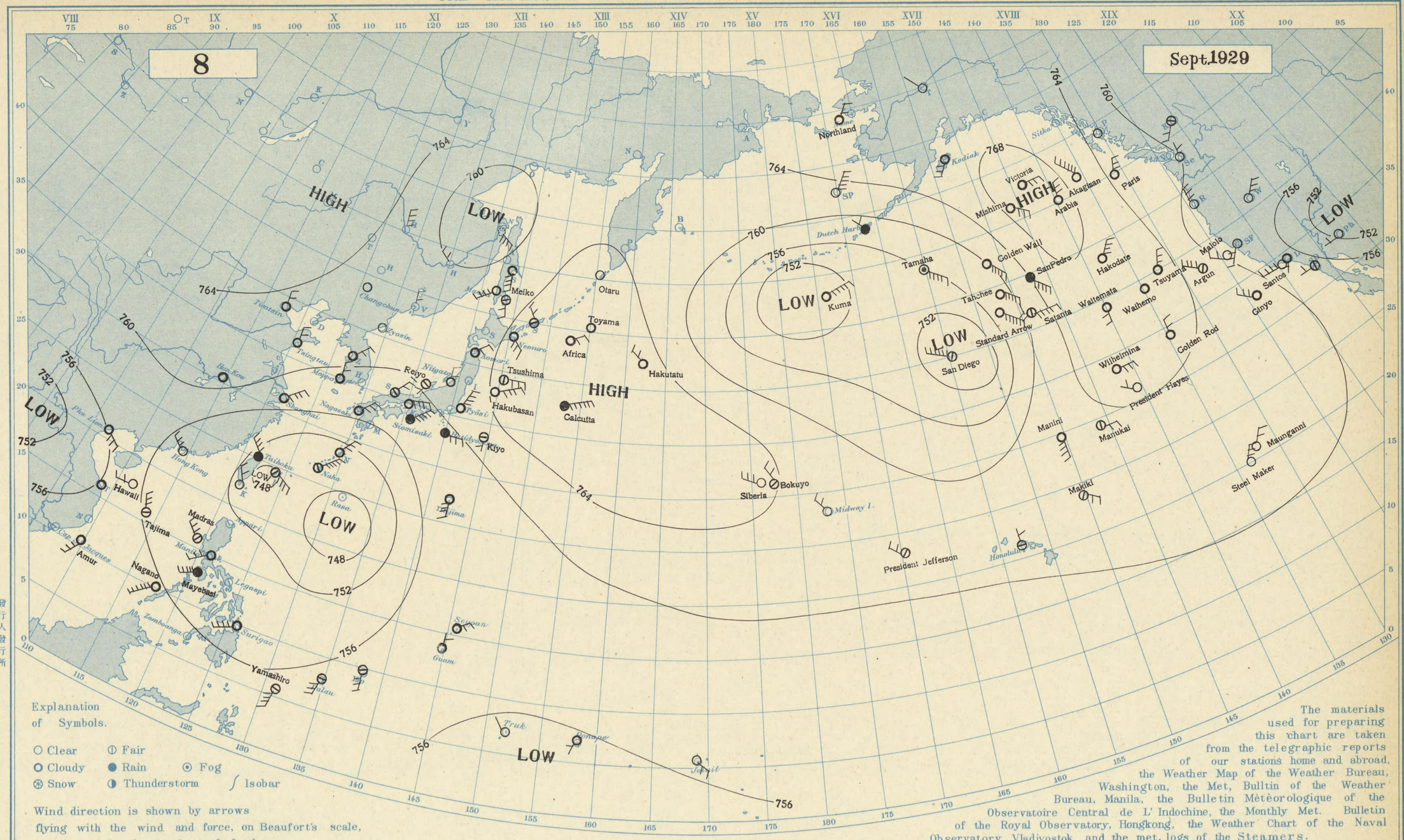
(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2443

8

Sept. 1929



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, Bulltin of the Weather Bureau, Manila, the Bulletin Mètèorologique 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 / Hour of Observation	Taihoku 12h, 135E	Naha 12h, 135E	Nagasaki 12h, 135E	Siomisaki 12h, 135E	Kôbe 12h, 135E	Tyôsi 12h, 135E	Hatidyôsima 12h, 135E	Titizima 12h, 135E	Niigata 12h, 135E	Aomori 12h, 135E	Nemuro 12h, 135E	Maoka 12h, 135E	Moppo 12h, 135E	Zyôsin 12h, 135E	Changchun 12h, 135E	Tientsin 12h, 135E	Tsingtau 12h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr. / * not reduced to Strd. Gr.)	751.8	750.1	756.1	758.1	758.6	760.9	758.2	758.1	761.1	761.9	764.7	761.6	759.7	762.7	763.5	763.5	761.6
Air Temperature (in C)	25.8	30.1	28.2	22.3	24.8	23.0	24.9	25.7	24.8	24.4	14.5	18.4	24.5	23.9	20.2	24.8	24.8
Direction and Force of Winds (0-12)	NW 4	NE 5	NE 3	NE 5	E 4	NE 4	E 3	S 4	N 2	NE 2	SE 3	SW 4	N 2	- 1	calm	N 2	N 2
Weather	rain	fair	cloudy	rain	cloudy	cloudy	rain	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	clear	clear	cloudy	cloudy

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Rasa 12h, 135E	Palau 12h, 135E	Hongkong 10h,	Manila 14h,	Surigao 14h,	Guam 14h,	Yap 14h,	Phu-Lien 10h,	Truk 6h	Jaluit 8h	Honolulu 20h,	Midway I. 18:30h	Nome 20h, 135W	Dutch Harbor Midnight, G.M.T.	Kodiak Midnight, G.M.T.
Atm. Pressure (Red. to m.s.l. and Strd Gr. / * not reduced to Strd Gr.)	758.5	760.6	-	756.7	754.7	*753.8	* 755.4	*758.1	* 758.0	755.9	755.7	758.4	760.5	763.5	-	755.4	767.1
Air Temperature (in C)	26.0	25.7	-	29.4	29.0	28.0	30.0	-	-	28.0	26.0	28.0	27.0	-	-	9.0	12.0
Direction and Force of Winds (0-12)	NE 4	- 1	-	SSW 3	NW 3	SW 3	WSW 4	N 1	S 3	ESE 3	NW -	SE 2	N 1	NW 2	-	NW 1	SW 3
Weather	cloudy	cloudy	-	fair	clear	cloudy	cloudy	cloudy	fair	cloudy	-	-	fair	clear	-	rain	cloudy

發行人 發行所 神戸市中山手通七丁目 海洋氣象臺
印刷人 販賣所

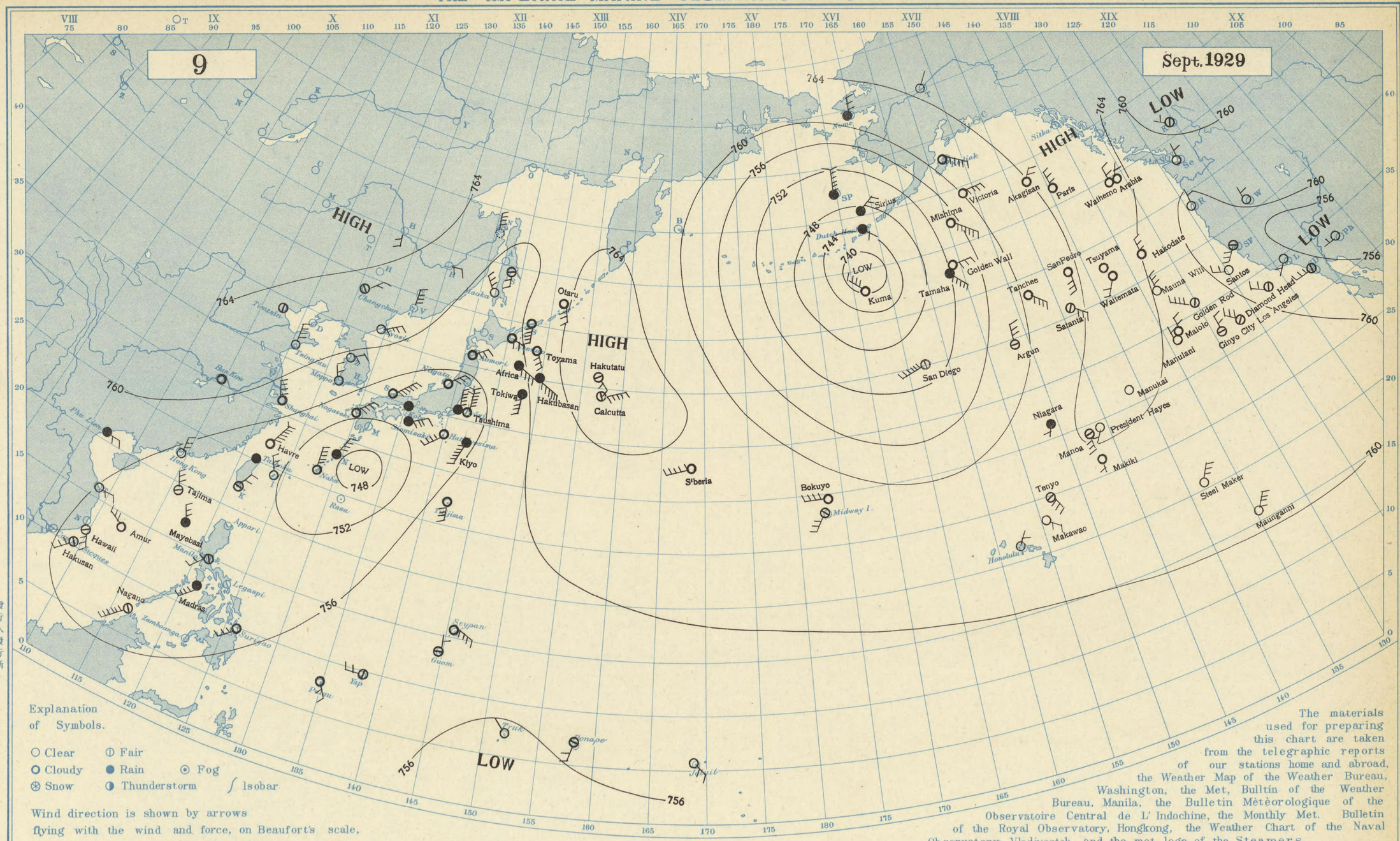
昭和四年九月八日 北太平洋天氣圖 第二四四三號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 2444



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, Bulltin of the Weather Bureau, Manila, the Bulletin Mètèorologique 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 / Hour of Observation	Taihoku 12h, 135E	Naha 12h, 135E	Nagasaki 12h, 135E	Siomisaki 12h, 135E	Kôbe 12h, 135E	Tyôsi 12h, 135E	Hatidyôsima 12h, 135E	Titizima 12h, 135E	Niigata 12h, 135E	Aomori 12h, 135E	Nemuro 12h, 135E	Maoka 12h, 135E	Moppo 12h, 135E	Zyôsin 12h, 135E	Changchun 12h, 135E	Tientsin 12h, 135E	Tsingtau 12h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr.)	754.0	750.0	752.1	752.3	753.3	754.5	754.5	758.2	755.3	757.4	759.6	759.5	757.0	762.6	763.5	763.0	761.3
Air Temperature (in C)	25.2	28.6	26.6	21.9	23.8	22.0	27.5	29.5	24.3	23.0	18.2	17.0	27.8	21.9	22.4	27.7	25.2
Direction and Force of Winds (0-12)	- 1	N 5	NE 4	ENE 4	calm	N 5	SW 4	S 4	NE 3	ENE 3	ESE 3	NNW 3	NNW 2	ENE 4	NE 2	- 1	N 4
Weather	rain	cloudy	cloudy	rain	rain	rain	cloudy	cloudy	cloudy	cloudy	cloudy	clear	clear	clear	fair	fair	clear

Station / Hour of Observation	Shanghai 12h, 135 E	Hankow 12h, 135 E	Rasa 12h, 135 E	Palau 12h, 135 E	Hongkong 10h,	Manila 14h,	Surigao 14h,	Guam 14h,	Yap 14h,	Phu-Lien 10h,	Truk 6h	Jaluit 8h	Honolulu 20h,	Midway I. 18:30h	Nome 20h, 135W	Dutch Harbor	Kodiak
Atm. Pressure (Red. to m.s.l. and Strd Gr.)	758.7	760.8	-	758.5	755.2	* 754.7	* 756.8	* 757.5	* 759.4	756.7	755.6	758.9	761.0	761.0	761.0	744.7	762.5
Air Temperature (in C)	27.6	28.3	-	30.0	31.0	29.0	30.0	-	-	29.0	24.3	24.7	26.0	-	8.0	13.0	11.0
Direction and Force of Winds (0-12)	NNW 4	- 1	-	SSE 2	N 3	SW 3	SW 3	N 1	W 2	E 2	NW -	SE 2	NE 1	SW 3	N 3	SE 1	SE 6
Weather	cloudy	cloudy	-	cloudy	clear	fair	cloudy	fair	fair	rain	-	-	clear	fair	rain	rain	cloudy

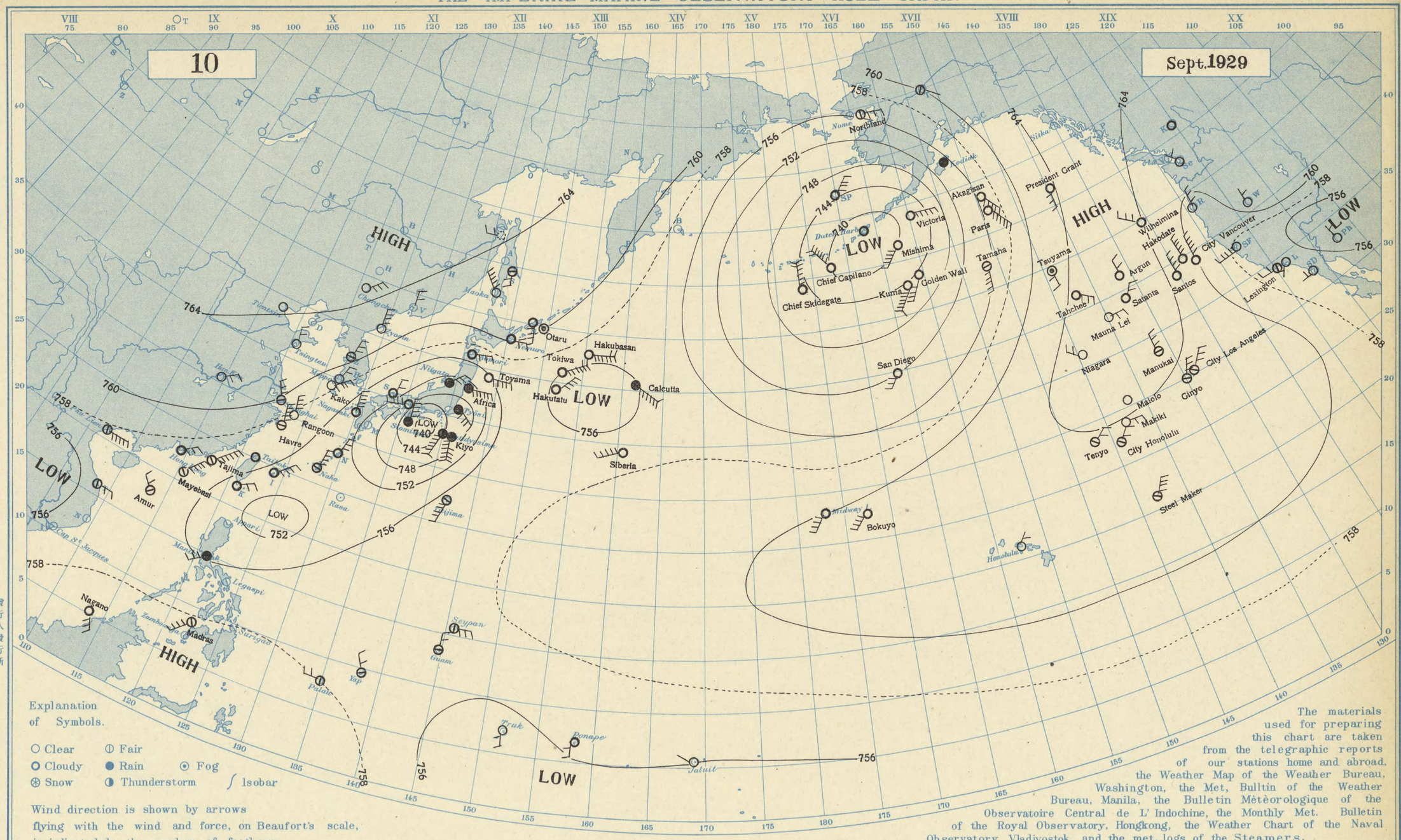
発行人 発行所
印刷人 販賣所
神戸市中山手通七丁目
海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 2445



The materials used for preparing this chart are taken from the telegraphic reports of our stations home and abroad, the Weather Map of the Weather Bureau, Washington, the Met, Bulltin of the Weather Bureau, Manila, the Bulletin Mètèorologique 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 / Hour of Observation	Taihoku 12h, 135E	Naha 12h, 135E	Nagasaki 12h, 135E	Siomisaki 12h, 135E	Kôbe 12h, 135E	Tyôsi 12h, 135E	Hatidyôsima 12h, 135E	Titizima 12h, 135E	Niigata 12h, 135E	Aomori 12h, 135E	Nemuro 12h, 135E	Maoka 12h, 135E	Moppo 12h, 135E	Zyôsin 12h, 135E	Changchun 12h, 135E	Tientsin 12h, 135E	Tsingtau 12h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr. / * not reduced to Strd. Gr.)	757.5	755.0	754.7	742.6	748.1	746.8	743.8	757.0	751.2	756.7	760.0	762.4	758.6	762.6	764.7	764.3	762.4
Air Temperature (in C)	25.6	27.9	22.7	22.8	24.0	25.3	26.8	28.5	19.5	20.4	18.0	16.4	27.0	21.0	24.6	27.6	24.4
Direction and Force of Winds (0-12)	- 1	NNE 4	N 5	N 5	W 4	SE 4	SSW 7	SSW 5	NE 3	E 3	E 2	NNW 5	NNE 2	N 4	NE 3	- 1	N 2
Weather	cloudy	fair	cloudy	rain	cloudy	rain	rain	fair	rain	cloudy	cloudy	clear	clear	clear	clear	clear	clear

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Rasa 12h, 135E	Palau 12h, 135E	Hongkong 10h,	Manila 14h,	Surigao 14h,	Guam 14h,	Yap 14h,	Phu-Lien 10h,	Truk 6h	Jaluit 8h	Honolulu 20h,	Midway I. 18:30h	Nome 20h, 135W	Dutch Harbor Midnight G. M. T.	Kodiak Midnight G. M. T.
Atm. Pressure (Red. to m.s.l. and Strd Gr. / * not reduced to Strd Gr.)	760.0	762.5	-	758.0	757.2	*756.1	* -	*757.4	* 758.9	757.8	755.8	757.7	762.0	760.0	-	738.1	755.9
Air Temperature (in C)	26.9	28.9	-	30.3	27.0	26.0	-	-	-	29.0	26.8	26.9	27.0	-	-	12.0	10.0
Direction and Force of Winds (0-12)	NNW 3	ENE 2	-	W 2	ENE 3	SW 3	-	N 2	NNW 2	E 5	S 2	WNW -	NE 1	SW 4	-	calm	calm
Weather	fair	clear	-	fair	cloudy	rain	-	fair	fair	fair	-	-	clear	cloudy	-	cloudy	rain

發行人 印刷人 神戸市中山手通七丁目 海洋氣象臺

昭和四年九月一日

北太平洋天氣圖

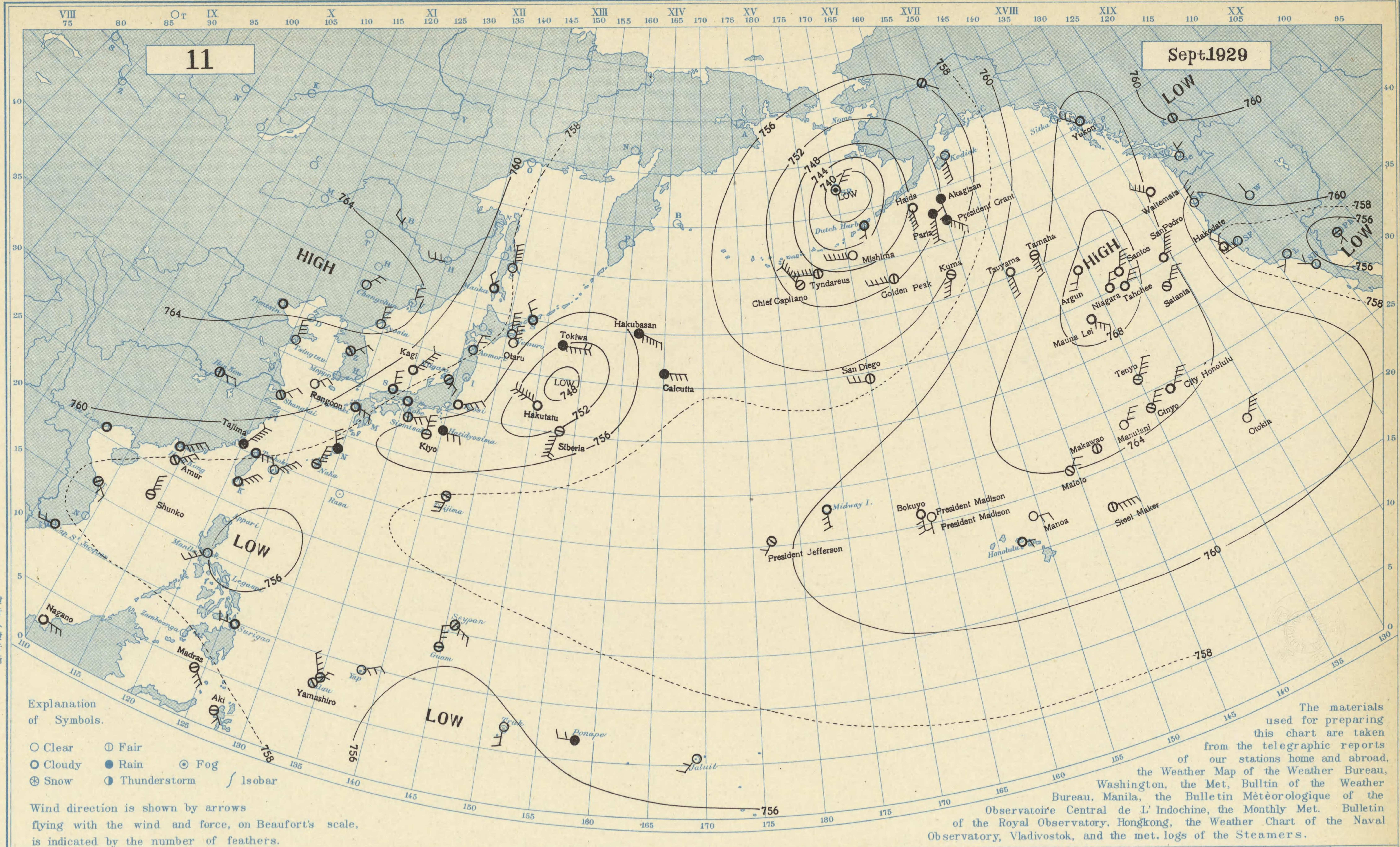
第四四二五號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian. of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 2446



Explanation of Symbols.

○ Clear　⦶ Fair
O 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, Bulltin of the Weather Bureau, Manila, the Bulletin Mètèorologique 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 / Hour of Observation	Taihoku 12h, 135E	Naha 12h, 135E	Nagasaki 12h, 135E	Siomisaki 12h, 135E	Kôbe 12h, 135E	Tyôsi 12h, 135E	Hatidyôsima 12h, 135E	Titizima 12h, 135E	Niigata 12h, 135E	Aomori 12h, 135E	Nemuro 12h, 135E	Maoka 12h, 135E	Moppo 12h, 135E	Zyôsin 12h, 135E	Changchun 12h, 135E	Tientsin 12h, 135E	Tsingtau 12h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr.) (* not reduced to Strd. Gr.)	758.7	756.8	759.2	756.2	756.8	757.9	755.9	758.3	757.6	758.8	757.7	758.7	761.8	765.1	765.5	765.1	763.6
Air Temperature (in C)	25.0	26.9	22.7	25.2	25.6	21.4	24.4	28.5	25.1	21.9	15.8	16.6	25.3	21.0	20.5	24.6	24.0
Direction and Force of Winds (0-12)	E 3	NNE 5	ESE 3	ENE 3	- 1	ENE 4	E 3	SSW 3	SE 2	NNE 2	N 4	NNW 2	- 1	N 3	NE 2	- 1	N 4
Weather	cloudy	fair	cloudy	fair	cloudy	cloudy	rain	fair	fair	clear	clear	cloudy	clear	clear	clear	cloudy	clear

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Rasa 12h, 135E	Palau 12h, 135E	Hongkong 10h,	Manila 14h,	Surigao 14h,	Guam 14h,	Yap 14h,	Phu-Lien 10h,	Truk 6h	Jaluit 8h	Honolulu 20h,	Midway I. 18:30h	Nome 20h, 135W	Dutch Harbor Midnight G.M.T	Kodiak Midnight G.M.T.
Atm. Pressure (Red. to m.s.l. and Strd Gr.) (* not reduced to Strd Gr.)	762.1	762.1	-	757.4	758.2	*756.3	*757.4	*757.1	*757.4	759.5	755.1	758.4	761.5	760.5	-	740.7	752.3
Air Temperature (in C)	26.3	28.2	-	29.8	27.0	30.0	30.0	-	-	28.0	26.5	25.7	24.0	-	-	11.0	13.0
Direction and Force of Winds (0-12)	NE 2	E 2	-	NNW 4	ENE 5	SW 4	W 2	N 3	ENE 3	calm	S 2	SW 2	E 2	S 3	-	S 1	S 5
Weather	fair	fair	-	fain	cloudy	clear	cloudy	fair	clear	cloudy	-	-	cloudy	cloudy	-	cloudy	clear

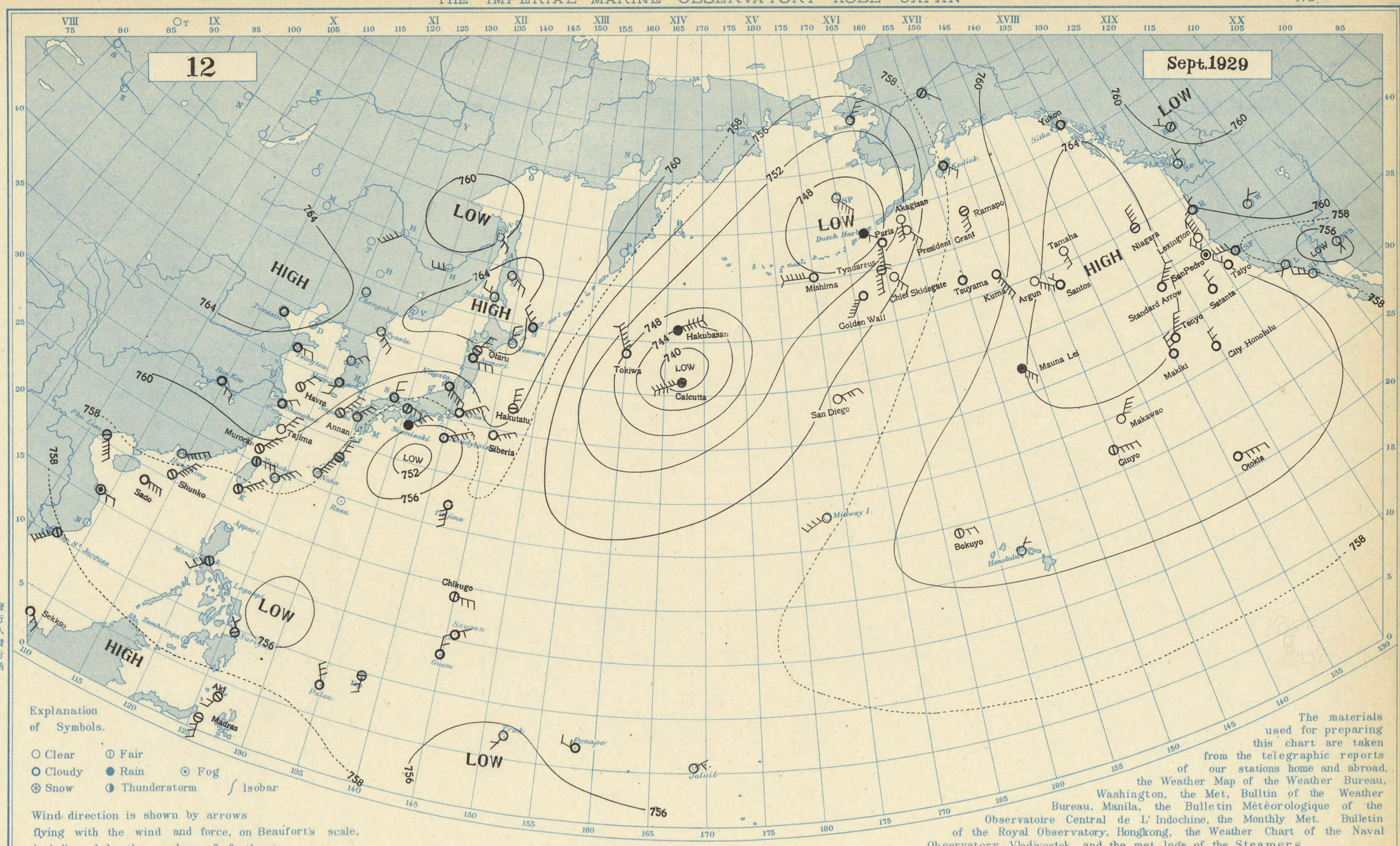
發行人發行所
印刷人販賣所
神戸市中山手通七丁目
海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 2447



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. Bulltin of the Weather Bureau, Manila, the Bulletin Météorologique of the Observatoire Central de L' Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Naval Observatory, Vladivostok, and the met. logs of the Steamers.

Station / Hour of Observation	Taihoku 12h, 135E	Naha 12h, 135E	Nagasaki 12h, 135E	Siomisaki 12h, 135E	Kôbe 12h, 135E	Tyôsi 12h, 135E	Hatidyôsima 12h, 135E	Titizima 12h, 135E	Niigata 12h, 135E	Aomori 12h, 135E	Nemuro 12h, 135E	Maoka 12h, 135E	Moppo 12h, 135E	Zyôsin 12h, 135E	Changchun 12h, 135E	Tientsin 12h, 135E	Tsingtau 12h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr.)	758.6	758.1	759.0	756.5	757.5	758.8	753.6	757.4	758.3	762.4	764.6	765.3	761.9	763.4	763.9	764.3	763.2
* not reduced to Strd. Gr.	29.4	26.6	23.6	20.2	23.9	22.1	24.7	29.0	23.5	21.3	16.4	16.5	24.0	22.6	23.0	23.6	21.4
Air Temperature (in C)	E 3	NNE 5	NE 3	NE 4	ESE 2	ENE 6	ENE 5	S 4	SE 5	E 3	N 2	WNW 2	SSW 2	SE 3	calm	- 1	E 2
Direction and Force of Winds (0-12)	fair	clear	cloudy	rain	fair	cloudy	cloudy	cloudy	cloudy	cloudy	clear	clear	cloudy	clear	clear	cloudy	cloudy
Weather																	

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Rasa 12h, 135E	Palau 12h, 135E	Hongkong 10h,	Manila 14h,	Surigao 14h,	Guam 14h,	Yap 14h,	Phu-Lien 10h,	Truk 6h	Jaluit 8h	Honolulu 20h,	Midway I. 18:30h	Nome 20h, 135W	Dutch Harbor Midnight, G.M.T	Kodiak Midnight, G.M.T.
Atm. Pressure (Red. to m.s.l. and Strd Gr.)	761.7	760.8	-	757.5	758.2	*757.2	* 757.3	*757.2	* 757.7	757.8	756.2	758.8	760.5	757.4	752.3	747.8	758.4
* not reduced to Strd Gr.	26.6	26.9	-	29.5	28.0	31.0	32.0	-	-	30.0	25.8	28.0	26.0	-	12.0	10.0	10.0
Air Temperature (in C)	ENE 2	ESE 2	-	NNW 3	ENE 6	SW 3	NW 1	N 2	S 2	SSE 5	SW 1	ENE 1	NE 1	SW 4	NE 3	SE 1	SE 2
Direction and Force of Winds (0-12)	cloudy	cloudy	-	cloudy	clear	fair	fair	cloudy	fair	fair	-	-	clear	clear	cloudy	rain	cloudy
Weather																	

発行人 印刷人 神戸市中山手通七丁目 海洋氣象臺

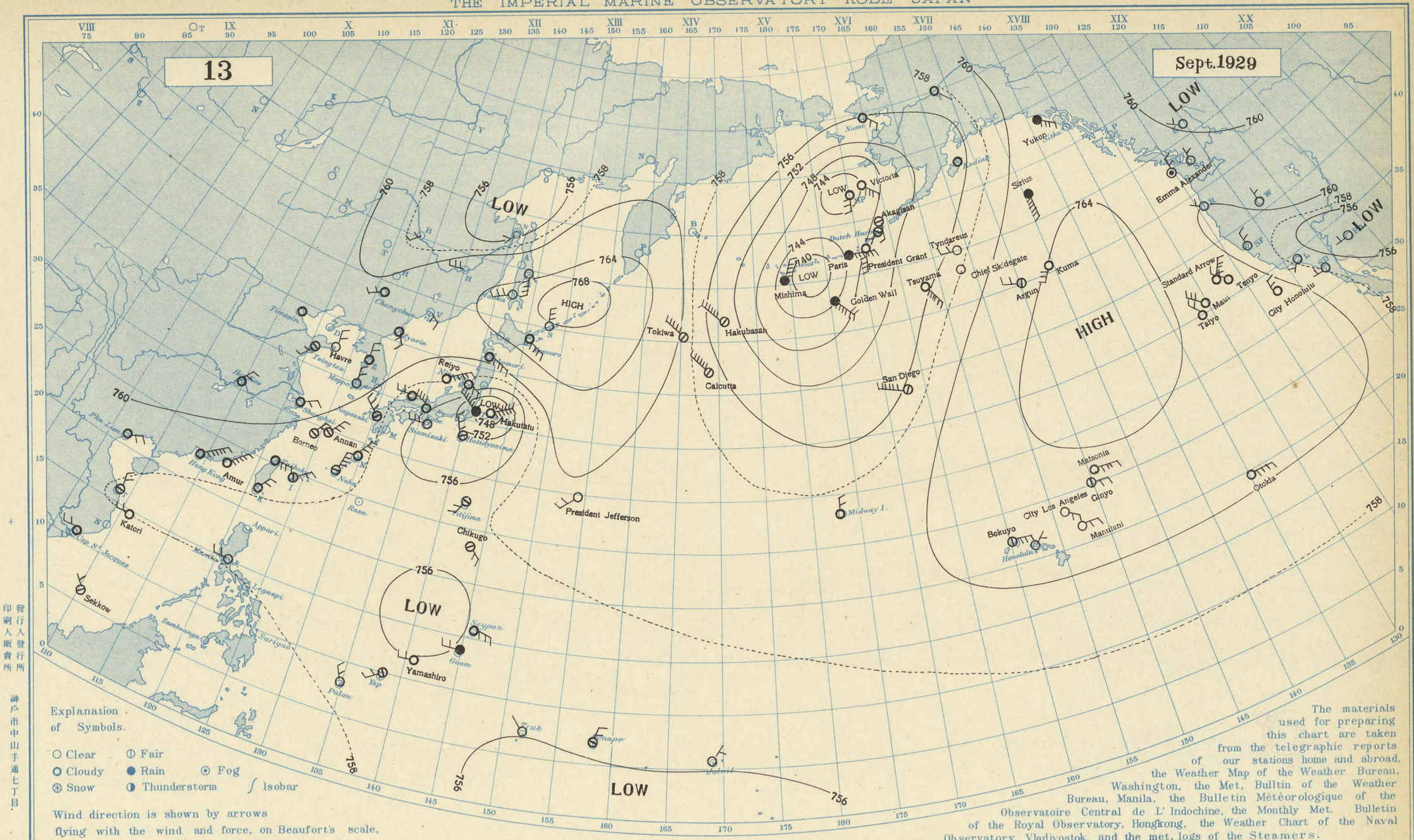
昭和四年九月一日 北太平洋天氣圖 第二四四七號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№2448



Explanation of Symbols.

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● 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, Bulltin of the Weather Bureau, Manila, the Bulletin Météorologique of the Observatoire Central de L' Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Naval Observatory, Vladivostok, and the met. logs of the Steamers.

Station / Hour of Observation	Taihoku 12h, 135E	Naha 12h, 135E	Nagasaki 12h, 135E	Siomisaki 12h, 135E	Kôbe 12h, 135E	Tyôsi 12h, 135E	Hatidyôsima 12h, 135E	Titizima 12h, 135E	Niigata 12h, 135E	Aomori 12h, 135E	Nemuro 12h, 135E	Maoka 12h, 135E	Moppo 12h, 135E	Zyôsin 12h, 135E	Changchun 12h, 135E	Tientsin 12h, 135E	Tsingtau 12h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr.)	759.5	758.9	759.5	755.8	756.1	748.2	755.2	756.8	757.3	761.4	766.2	764.3	761.2	762.4	760.4	762.4	762.8
* not reduced to Strd. Gr.																	
Air Temperature (in C)	29.6	26.5	23.2	24.1	23.1	17.2	22.4	29.4	16.9	18.0	15.1	17.9	26.0	22.9	20.7	24.1	24.8
Direction and Force of Winds (0-12)	E 3	NNE 4	NW 3	W 3	WNW 4	NW 8	NNW 3	SW 2	SE 2	ESE 4	ESE 4	WSW 3	N 2	SSE 2	WSW 2	- 1	SSW 2
Weather	cloudy	fair	fair	clear	cloudy	rain	fair	fair	cloudy	cloudy	cloudy	clear	clear	cloudy	cloudy	cloudy	fair

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Rasa 12h, 135E	Palau 12h, 135E	Hongkong 10h,	Manila 14h,	Surigao 14h,	Guam 14h,	Yap 14h,	Phu-Lien 10h,	Truk 6h	Jaluit 8h	Honolulu 20h,	Midway I. 18:30h	Nome 20h, 135W	Dutch Harbor Midnight, G.M.T.	Kodiak Midnight, G.M.T.
Atm. Pressure (Red. to m.s.l. and Strd Gr.)	761.5	762.9	-	757.2	759.0	*758.3	* -	*756.6	* 758.4	758.6	756.5	757.9	760.5	758.4	756.4	749.3	755.4
* not reduced to Strd Gr.										29.0	25.8	29.4	27.0	-	11.0	11.0	12.0
Air Temperature (in C)	26.5	22.7	-	29.6	27.0	31.0	-	-	-	ENE 2	NW -	NE 1	NE 1	N 2	SE 2	SW 1	calm
Direction and Force of Winds (0-12)	ENE 2	NNE 2	-	NNW 2	ENE 6	W 2	-	W 2	SW 2	cloudy	-	-	clear	cloudy	cloudy	fair	cloudy
Weather	cloudy	cloudy	-	clear	cloudy	clear	-	rain	fair								

印刷人販賣所 神戸市中山手通七丁目 海洋氣象臺 發行人發行所

昭和四年九月一日

北太平洋天氣圖

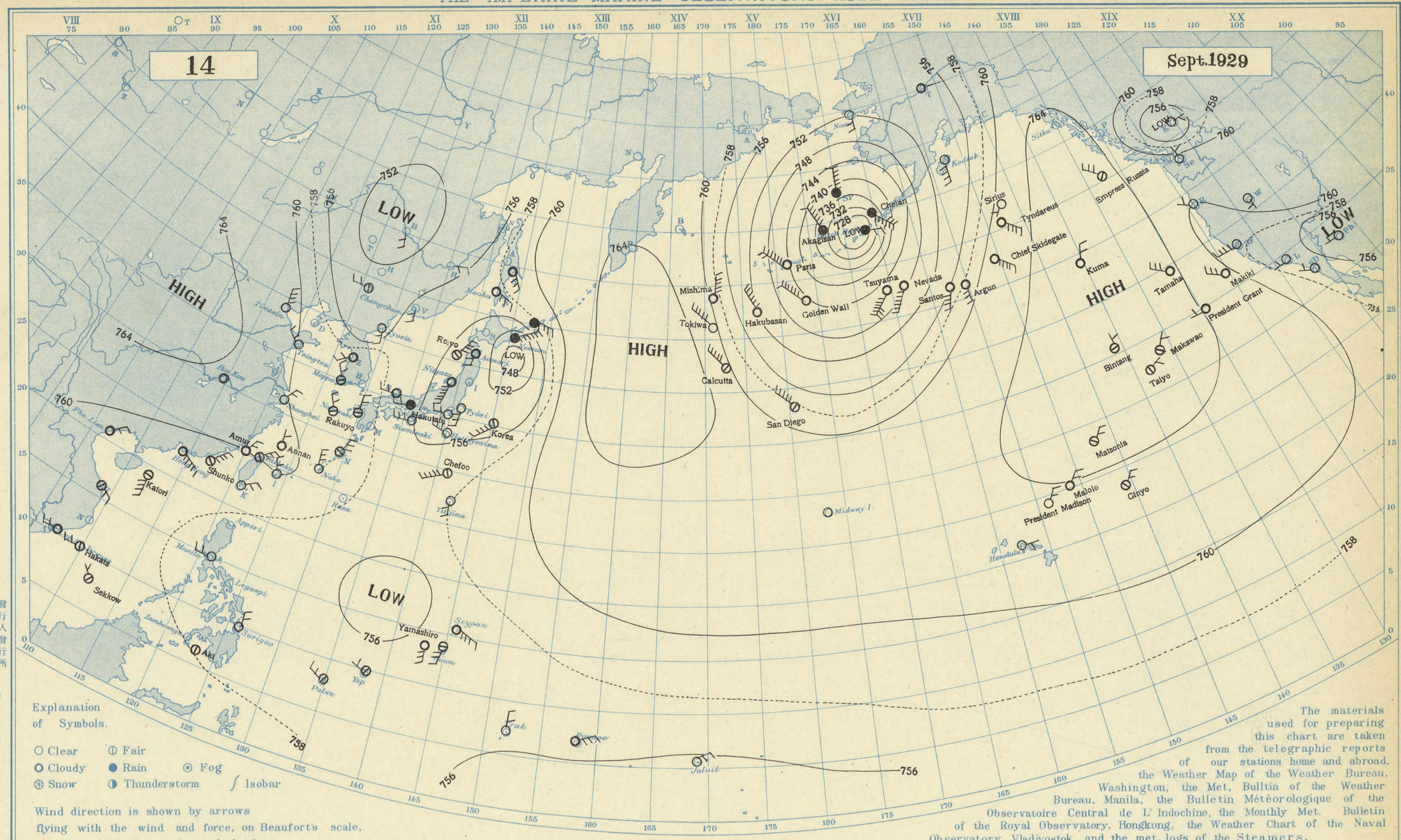
第二四四八號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2449



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, Bulltin of the Weather Bureau, Manila, the Bulletin Mètèorologique 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 / Hour of Observation	Taihoku 12h, 135 E	Naha 12h, 135 E	Nagasaki 12h, 135 E	Siomisaki 12h, 135 E	Kôbe 12h, 135 E	Tyôsi 12h, 135 E	Hatidyôsima 12h, 135 E	Titizima 12h, 135 E	Niigata 12h, 135 E	Aomori 12h, 135 E	Nemuro 12h, 135 E	Maoka 12h, 135 E	Moppo 12h, 135 E	Zyôsin 12h, 135 E	Changchun 12h, 135 E	Tientsin 12h, 135 E	Tsingtau 12h, 135 E
Atm. Pressure (Red. to m.s.l. and Strd. Gr.) * not reduced to Strd. Gr.	759.9	759.2	759.2	756.0	757.0	753.5	755.9	758.0	754.7	754.1	749.6	757.3	759.6	755.8	755.3	762.6	759.9
Air Temperature (in C)	31.2	26.8	24.4	25.8	24.0	24.9	25.2	28.8	23.2	16.0	13.6	18.1	24.6	20.2	15.2	22.7	25.8
Direction and Force of Winds (0-12)	NE 3	N 3	N 2	W 3	W 2	SSW 3	WNW 3	S 2	SSW 6	SSW 2	ENE 7	ESE 3	NNW 2	S 2	W 2	N 4	NW 2
Weather	fair	clear	fair	clear	rain	clear	clear	clear	cloudy	cloudy	rain	cloudy	fair	clear	fair	clear	clear

Station / Hour of Observation	Shanghai 12h, 135 E	Hankow 12h, 135 E	Rasa 12h, 135 E	Palau 12h, 135 E	Hongkong 10h,	Manila 14h,	Surigao 14h,	Guam 14h,	Yap 14h,	Phu-Lien 10h,	Truk 6h	Jaluit 8h	Honolulu 20h,	Midway I. 18:30h	Nome 20h, 135W	Dutch Harbor	Kodiak
Atm. Pressure (Red. to m.s.l. and Strd Gr.) * not reduced to Strd Gr.	760.1	763.0	-	757.0	759.8	*757.9	* 757.7	*757.2	* 757.6	759.7	756.9	757.4	761.5	761.0	752.3	726.9	754.4
Air Temperature (in C)	27.1	23.7	-	30.2	27.0	32.0	31.0	-	-	27.0	29.0	29.7	26.0	-	13.0	12.0	16.0
Direction and Force of Winds (0-12)	NNE 2	- 1	-	WNW 2	ESE 5	W 2	N 2	SSW 3	WNW 1	NE 2	N 2	ENE 2	E 1	calm	S 2	E 2	S 4
Weather	clear	cloudy	-	fair	cloudy	clear	clear	fair	fair	cloudy	-	-	clear	clear	clear	rain	clear

Midnight, G. M. T. Midnight, G. M. T.

印刷人販賣所 神戸市中山手通七丁目 海洋氣象臺 發行人發行所

昭和四年九月一日

北太平洋天氣圖

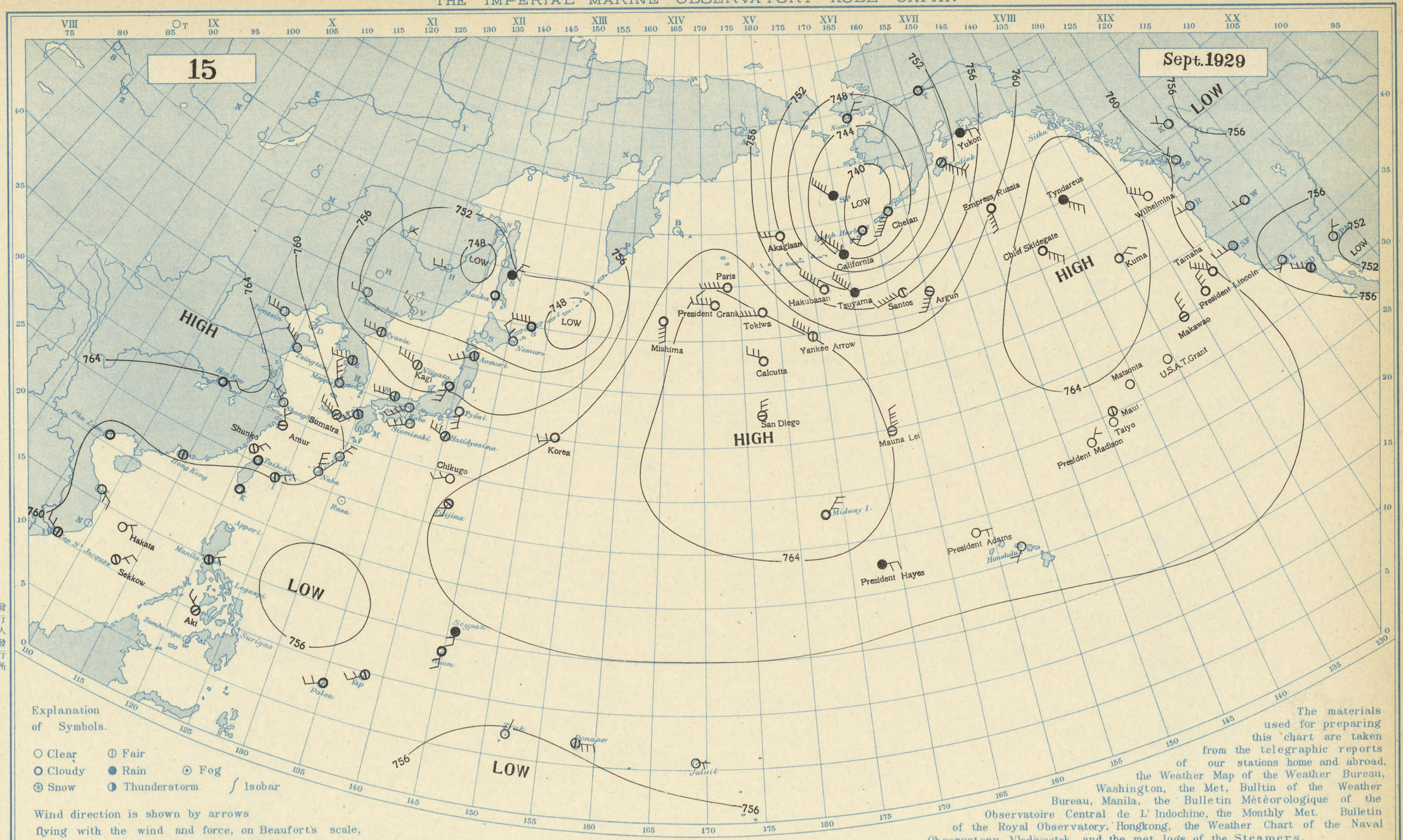
第二四四九號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 2450



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, Bulltin of the Weather Bureau, Manila, the Bulletin Mètèorologique 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 / Hour of Observation	Taihoku 12h, 135E	Naha 12h, 135E	Nagasaki 12h, 135E	Siomisaki 12h, 135E	Kôbe 12h, 135E	Tyôsi 12h, 135E	Hatidyôsima 12h, 135E	Titizima 12h, 135E	Niigata 12h, 135E	Aomori 12h, 135E	Nemuro 12h, 135E	Maoka 12h, 135E	Moppo 12h, 135E	Zyôsin 12h, 135E	Changchun 12h, 135E	Tientsin 12h, 135E	Tsingtau 12h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr.) (* not reduced to Strd. Gr.)	760.3	759.9	759.3	757.4	757.7	756.4	758.0	760.4	755.8	753.9	751.7	750.0	759.7	753.1	751.1	761.1	761.4
Air Temperature (in C)	29.7	26.9	26.3	26.3	25.4	24.4	20.8	29.9	24.1	24.7	19.6	14.7	24.6	21.4	15.0	21.3	22.3
Direction and Force of Winds (0-12)	- 1	N 3	SW 3	WSW 3	SW 4	S 3	WNW 3	SSW 2	SSW 4	WSW 3	NNW 2	- 1	NNW 4	W 3	W 2	W 3	NW 4
Weather	cloudy	clear	fair	clear	clear	clear	fair	fair	cloudy	fair	clear	cloudy	clear	fair	clear	clear	clear

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Rasa 12h, 135E	Palau 12h, 135E	Hongkong 10h,	Manila 14h,	Surigao 14h,	Guam 14h,	Yap 14h,	Phu-Lien 10h,	Truk 6h	Jaluit 8h	Honolulu 20h,	Midway I. 18:30h	Nome 20h, 135W	Dutch Harbor 16h, 135W	Kodiak 15h, 135W
Atm. Pressure (Red. to m.s.l. and Strd Gr.) (* not reduced to Strd Gr.)	761.8	763.7	-	757.1	760.5	*757.4	* -	*758.5	*758.4	759.5	756.4	758.9	760.5	765.0	744.2	738.1	748.8
Air Temperature (in C)	29.0	26.2	-	28.7	26.0	28.0	-	-	-	29.0	27.8	29.4	26.0	-	12.0	10.0	12.0
Direction and Force of Winds (0-12)	NW 2	ENE 2	-	WSW 2	calm	ENE 1	-	S 2	SW 2	calm	NNE -	E 1	SW 1	NE 3	NE 2	SW 1	SE 8
Weather	clear	cloudy	-	cloudy	fair	fair	-	cloudy	fair	cloudy	-	-	clear	cloudy	cloudy	cloudy	fair

Midnight, G.M.T. Midnight, G.M.T.

印刷人 販賣所 神戸市中山手通七丁目 發行人 發行所 海洋氣象臺

昭和四年九月一日

北太平洋天氣圖

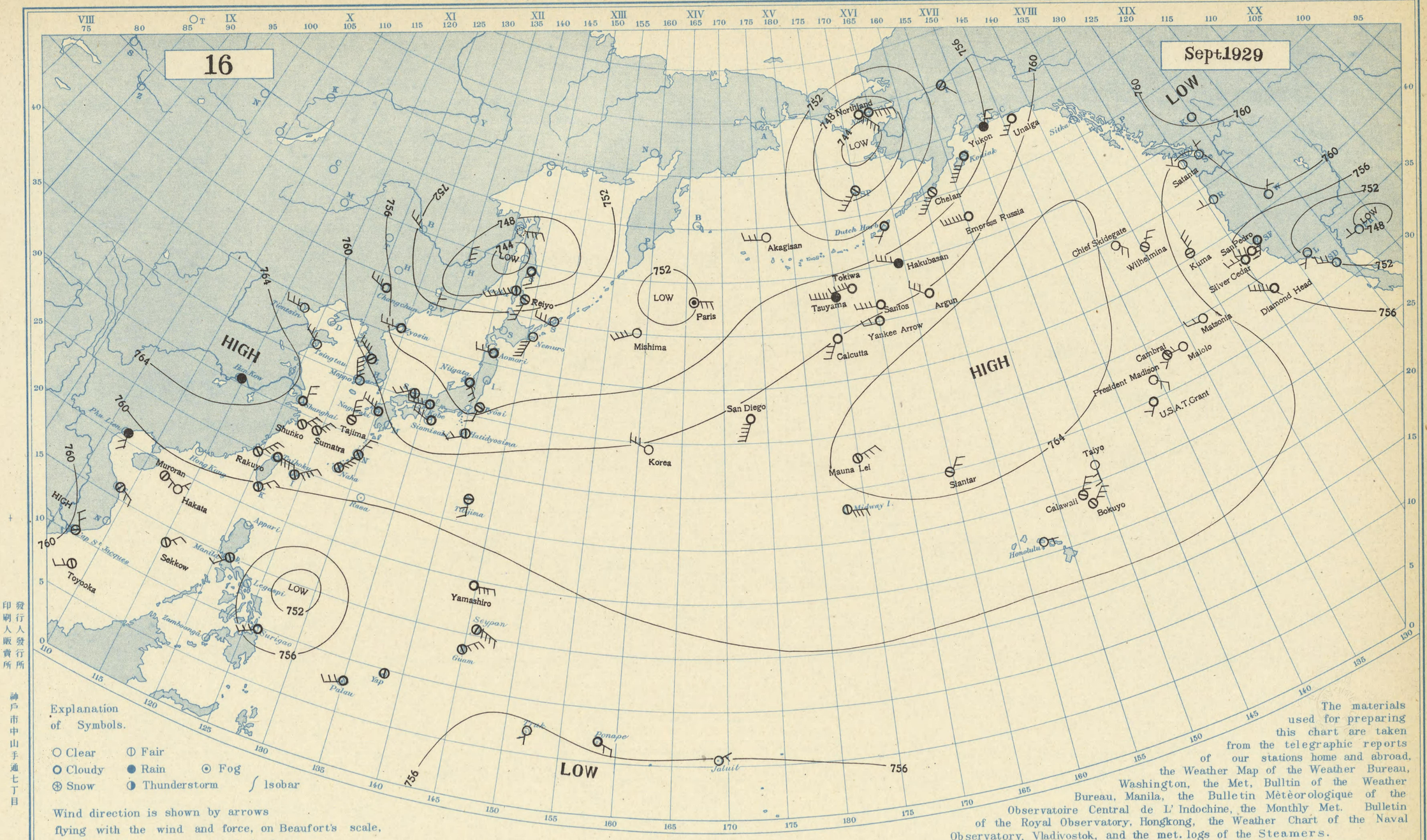
第二四五〇號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 2451



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, Bulltin of the Weather Bureau, Manila, the Bulletin Météorologique of the Observatoire Central de L' Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Naval Observatory, Vladivostok, and the met. logs of the Steamers.

Station / Hour of Observation	Taihoku 12h, 135E	Naha 12h, 135E	Nagasaki 12h, 135E	Siomisaki 12h, 135E	Kôbe 12h, 135E	Tyôsi 12h, 135E	Hatidyôsima 12h, 135E	Titizima 12h, 135E	Niigata 12h, 135E	Aomori 12h, 135E	Nemuro 12h, 135E	Maoka 12h, 135E	Moppo 12h, 135E	Zyôsin 12h, 135E	Changchun 12h, 135E	Tientsin 12h, 135E	Tsingtau 12h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr. / * not reduced to Strd. Gr.)	761.0	761.1	761.2	757.7	757.8	755.9	758.3	761.2	755.9	754.7	753.3	748.2	761.5	754.3	756.5	762.2	763.1
Air Temperature (in C)	29.1	26.5	24.3	24.6	25.4	25.2	25.4	30.1	22.7	22.7	20.7	15.4	24.6	20.2	13.4	24.4	24.0
Direction and Force of Winds (0-12)	E 4	NNE 4	WNW 4	WNW 3	W 4	SSW 2	WSW 2	S 2	SSE 3	W 3	SW 5	WSW 6	NNW 5	W 3	WNW 3	W 3	NW 3
Weather	cloudy	fair	cloudy	cloudy	cloudy	fair	fair	fair	cloudy	cloudy	clear	fair	clear	cloudy	cloudy	clear	clear

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Rasa 12h, 135E	Palau 12h, 135E	Hongkong 10h,	Manila 14h,	Surigao 14h,	Guam 14h,	Yap 14h,	Phu-Lien 10h,	Truk 6h	Jaluit 8h	Honolulu 20h,	Midway I. 18:30h	Nome 20h, 135W	Dutch Harbor 10h, 135W	Kodiak 10h, 135W
Atm. Pressure (Red. to m.s.l. and Strd Gr. / * not reduced to Strd Gr.)	763.7	764.9	-	757.9	-	* 756.9	* 756.7	* 757.9	* 759.6	759.8	755.9	757.6	760.5	763.5	745.7	752.3	753.0
Air Temperature (in C)	27.6	23.5	-	28.8	-	30.0	28.0	-	-	24.0	25.8	30.1	24.0	-	10.0	10.0	10.0
Direction and Force of Winds (0-12)	N 2	- 1	-	WSW 3	-	SW 2	WSW 3	NE 3	calm	S 2	S 1	ENE 1	E 1	E 4	E 5	SW 1	SW 5
Weather	cloudy	raim	-	cloudy	-	fair	cloudy	fair	fair	rain	-	-	clear	fair	cloudy	cloudy	cloudy

Midnight, G. M. T. Midnight, G. M. T.

印刷人 阪資所 神戸市中山手通七丁目 発行人 発行所 海洋氣象臺

昭和四年九月一日

北太平洋天氣圖

第二四五一號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

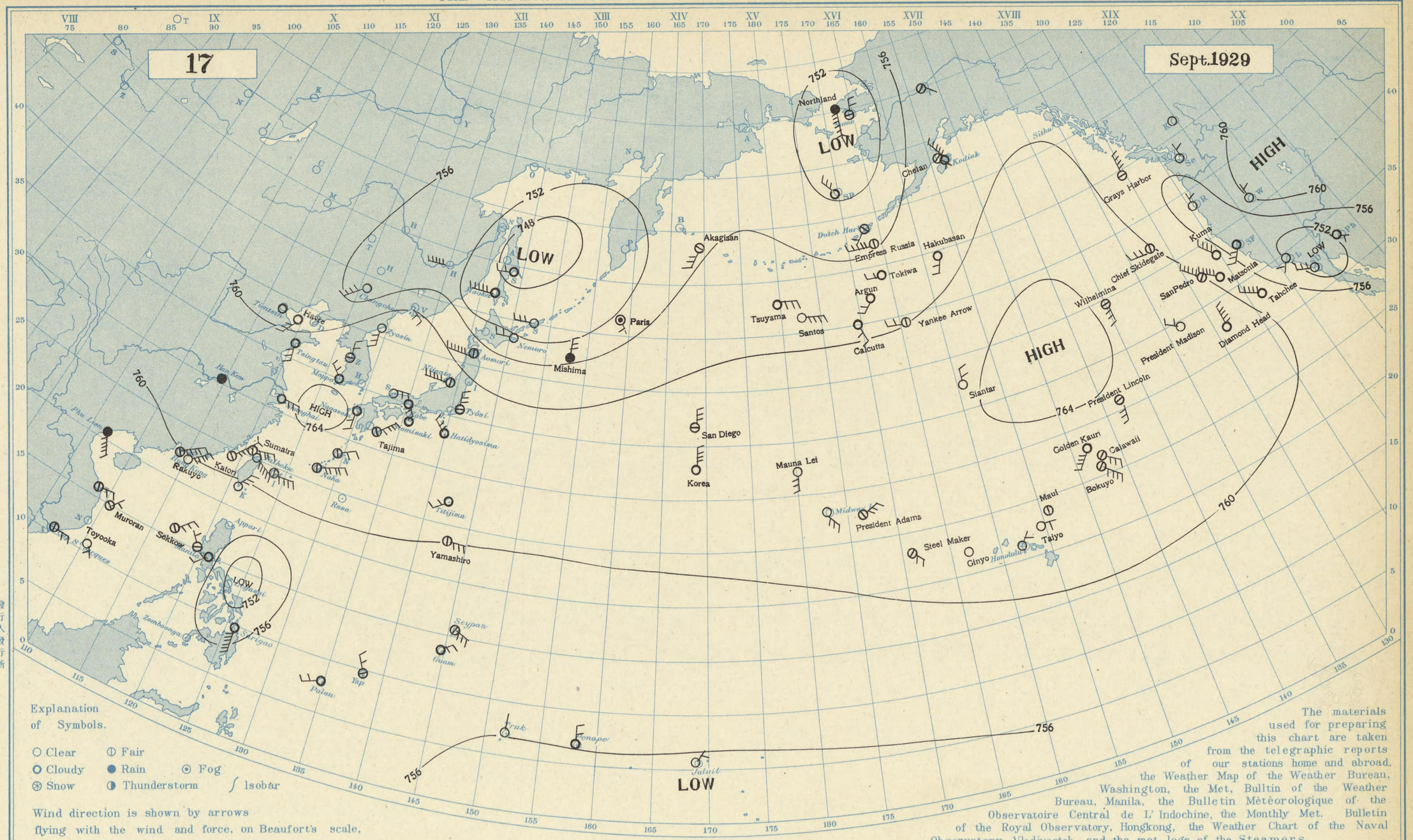
(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 2452

17

Sept. 1929



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, Bulltin of the Weather Bureau, Manila, the Bulletin Mètèorologique 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 / Hour of Observation	Taihoku 12h, 135E	Naha 12h, 135E	Nagasaki 12h, 135E	Siomisaki 12h, 135E	Kôbe 12h, 135E	Tyôsi 12h, 135E	Hatidyôsima 12h, 135E	Titizima 12h, 135E	Niigata 12h, 135E	Aomori 12h, 135E	Nemuro 12h, 135E	Maoka 12h, 135E	Moppo 12h, 135E	Zyôsin 12h, 135E	Changchun 12h, 135E	Tientsin 12h, 135E	Tsingtau 12h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr.)	760.4	761.2	763.7	762.7	763.5	761.0	762.1	761.6	762.7	759.0	752.2	750.2	763.7	761.0	754.4	759.0	762.1
* not reduced to Strd. Gr.	31.4	28.1	24.8	23.9	23.7	23.4	24.7	31.0	21.9	19.4	19.3	15.8	25.2	20.4	24.2	21.5	24.0
Air Temperature (in C)	ESE 5	ENE 5	S 2	- 1	SSE 2	N 3	NW 3	SW 2	W 5	W 6	W 2	W 5	NW 2	S 3	SW 4	- 1	S 3
Direction and Force of Winds (0-12)	clear	fair	cloudy	cloudy	cloudy	fair	cloudy	cloudy	fair	fair	clear	cloudy	cloudy	clear	clear	cloudy	cloudy
Weather																	

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Rasa 12h, 135E	Palau 12h, 135E	Hongkong 10h,	Manila 14h,	Surigao 14h,	Guam 14h,	Yap 14h,	Phu-Lien 10h,	Truk 6h	Jaluit 8h	Honolulu 20h,	Midway I. 18:30h	Nome 20h, 135W	Dutch Harbor Midnight G. M. T.	Kodiak Midnight G. M. T.
Atm. Pressure (Red. to m.s.l. and Strd Gr.)	763.0	762.5	-	758.1	760.0	*756.4	* 756.2	*758.1	* 758.8	758.9	756.5	756.9	761.0	761.5	751.8	752.8	757.9
* not reduced to Strd Gr.	25.4	18.4	-	29.3	27.0	26.0	30.0	-	-	26.0	24.8	29.8	26.0	-	9.0	11.0	12.0
Air Temperature (in C)	E 3	- 1	-	WSW 2	ENE 5	SW 2	S 6	NE 2	NNW 2	SSE 5	N -	NE 1	NE 1	SE 3	N 2	SW 1	NW 5
Direction and Force of Winds (0-12)	cloudy	rain	-	cloudy	fair	cloudy	cloudy	cloudy	fair	rain	-	-	clear	clear	fair	fair	cloudy
Weather																	

発行人 印刷人 販賣所 神戸市中山手通七丁目 海洋氣象臺

昭和四年九月一日

北太平洋天氣圖

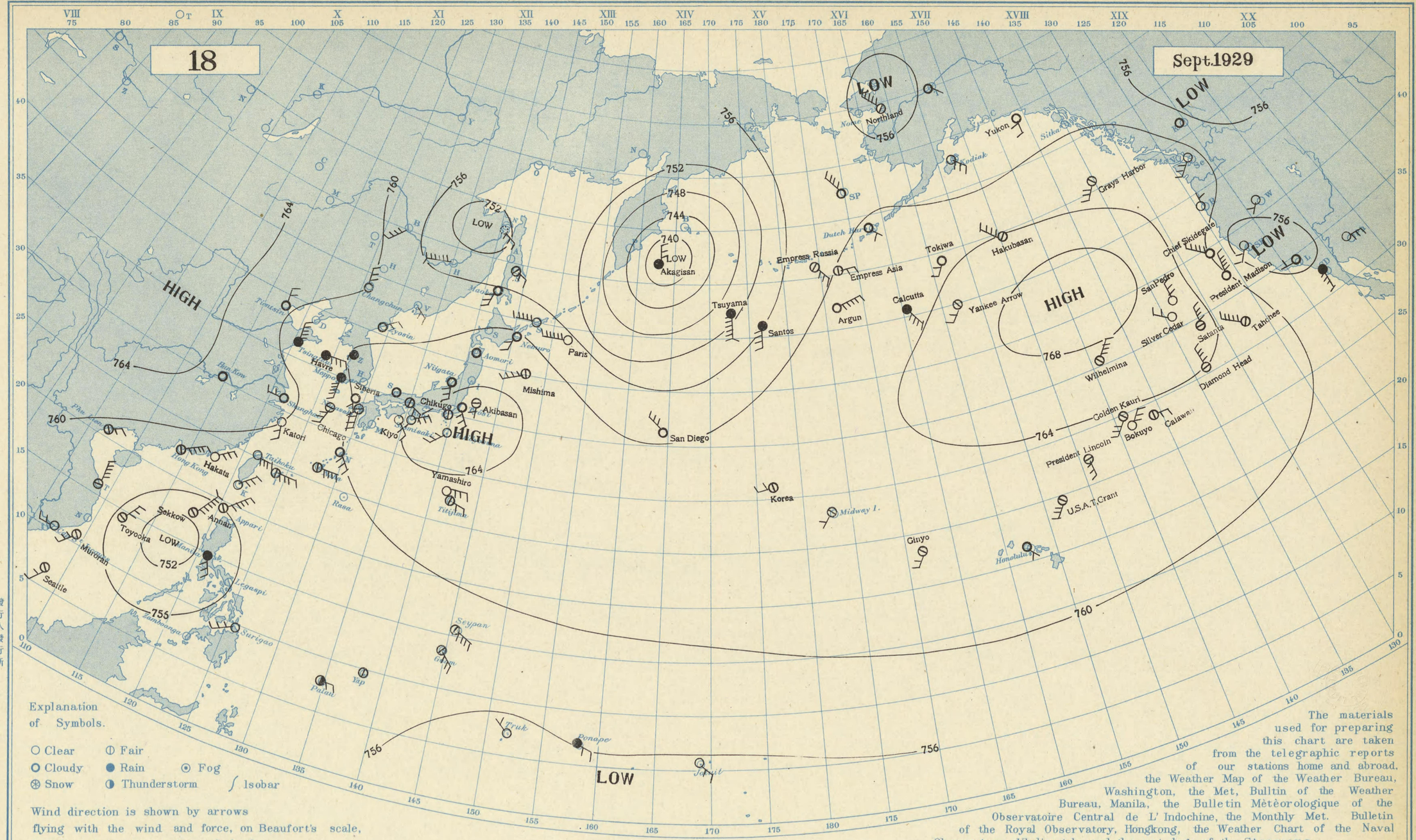
第二四五二號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2453



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.

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Station / Hour of Observation	Taihoku 12h, 135E	Naha 12h, 135E	Nagasaki 12h, 135E	Siomisaki 12h, 135E	Kôbe 12h, 135E	Tyôsi 12h, 135E	Hatidyôsima 12h, 135E	Titizima 12h, 135E	Niigata 12h, 135E	Aomori 12h, 135E	Nemuro 12h, 135E	Maoka 12h, 135E	Moppo 12h, 135E	Zyôsin 12h, 135E	Changchun 12h, 135E	Tientsin 12h, 135E	Tsingtau 12h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr. / * not reduced to Strd. Gr.)	757.8	759.4	761.5	764.0	763.4	764.6	764.3	762.4	762.9	762.6	760.4	756.7	758.2	757.7	760.0	760.2	758.8
Air Temperature (in C)	32.8	29.6	26.2	24.2	26.4	24.6	26.0	31.7	21.8	21.0	19.5	18.6	23.2	20.2	11.2	21.6	16.7
Direction and Force of Winds (0-12)	E 4	E 4	S 3	ENE 3	SE 2	SSE 3	SW 3	ESE 2	S 3	- 1	SSW 2	SSW 3	S 5	NE 2	N 3	N 2	N 5
Weather	clear	fair	fair	clear	fair	cloudy	clear	fair	cloudy	cloudy	cloudy	cloudy	rain	cloudy	cloudy	cloudy	rain

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Rasa 12h, 135E	Palau 12h, 135E	Hongkong 10h,	Manila 14h,	Surigao 14h,	Guam 14h,	Yap 14h,	Phu-Lien 10h,	Truk 6h	Jaluit 8h	Honolulu 20h,	Midway I. 18:30h	Nome 20h, 135W	Dutch Harbor 16h, 135W Midnight G.M.T.	Kodiak 16h, 135W Midnight G.M.T.
Atm. Pressure (Red. to m.s.l. and Strd Gr. / * not reduced to Strd Gr.)	760.6	763.5	-	759.2	759.0	*754.3	*757.4	*758.3	*759.4	759.4	755.9	757.0	761.5	762.0	-	761.5	756.9
Air Temperature (in C)	22.1	21.8	-	24.0	29.0	24.0	32.0	-	-	28.0	27.5	30.7	27.0	-	-	10.0	13.0
Direction and Force of Winds (0-12)	W 2	- 1	-	E 2	ENE 5	SSE 3	WSW 3	SE 3	calm	ENE 2	NW 1	SE 2	SE 1	SW 1	-	SE 1	SE 3
Weather	cloudy	cloudy	-	th.s	fair	rain	clear	fair	fair	fair	-	-	cloudy	fair	-	cloudy	clear

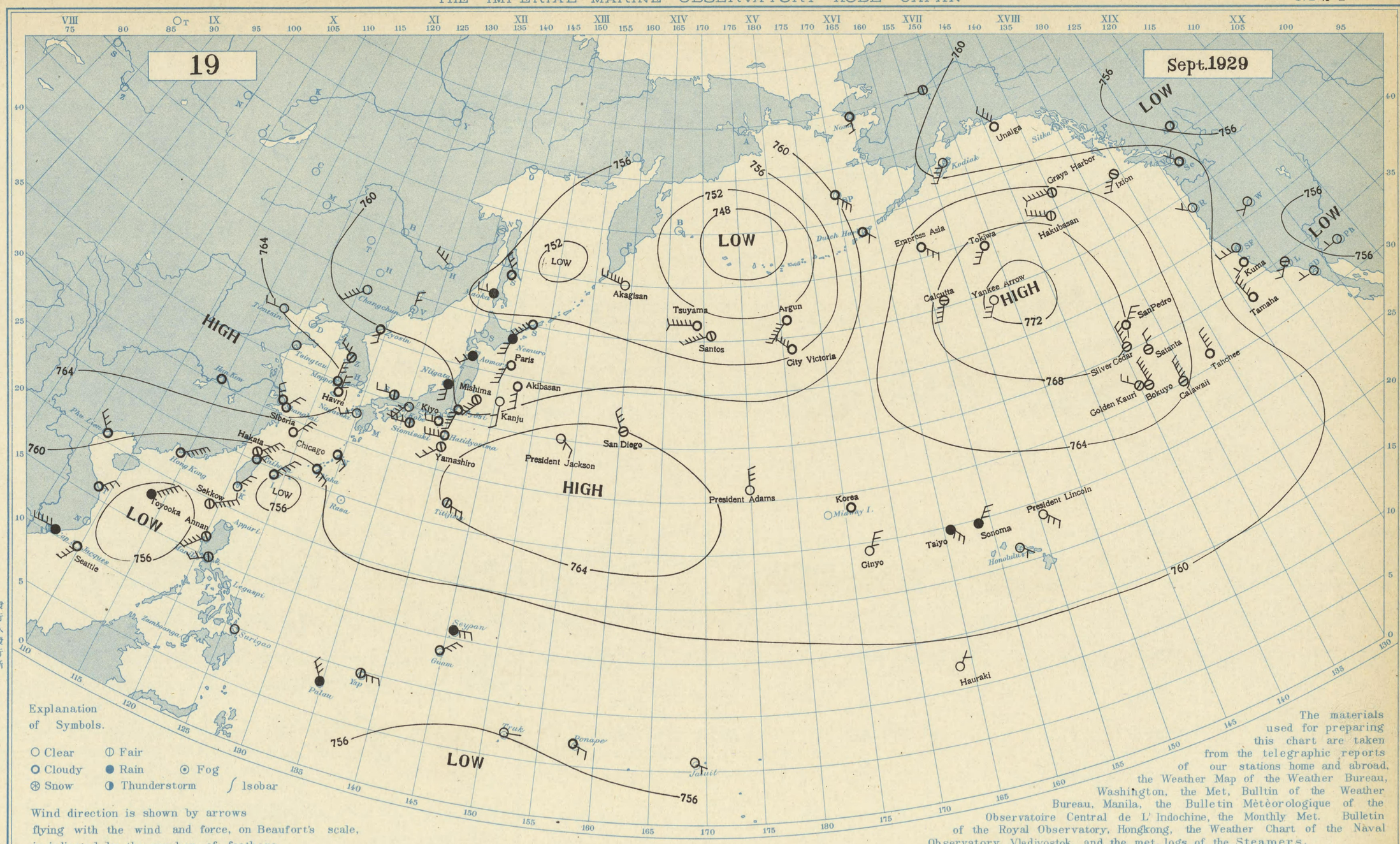
發行人發行所 印刷人販賣所 神戸市中山手通七丁目 海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2454



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, Bulltin of the Weather Bureau, Manila, the Bulletin Mètèorologique 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 / Hour of Observation	Taihoku 12h, 135E	Naha 12h, 135E	Nagasaki 12h, 135E	Siomisaki 12h, 135E	Kôbe 12h, 135E	Tyôsi 12h, 135E	Hatidyôsima 12h, 135E	Titizima 12h, 135E	Niigata 12h, 135E	Aomori 12h, 135E	Nemuro 12h, 135E	Maoka 12h, 135E	Moppo 12h, 135E	Zyôsin 12h, 135E	Changchun 12h, 135E	Tientsin 12h, 135E	Tsingtau 12h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr.)	759.4	759.7	763.1	762.6	761.8	760.0	763.1	764.2	760.7	755.7	757.4	755.0	764.9	760.2	758.2	763.8	765.5
* not reduced to Strd. Gr.	29.5	26.8	27.7	27.8	30.0	25.9	27.5	31.8	18.7	19.2	18.9	14.6	21.6	19.1	18.7	23.5	22.6
Air Temperature (in C)	NE 2	ESE 3	WSW 2	W 3	SSW 4	SSW 5	W 4	ESE 3	S 3	SW 2	SSW 3	W 2	N 3	S 2	SW 5	W 2	calm
Direction and Force of Winds (0-12)	cloudy	cloudy	clear	fair	clear	cloudy	cloudy	fair	rain	rain	rain	rain	cloudy	cloudy	clear	clear	clear
Weather																	

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Rasa 12h, 135E	Palau 12h, 135E	Hongkong 10h,	Manila 14h,	Surigao 14h,	Guam 14h,	Yap 14h,	Phu-Lien 10h,	Truk 6h	Jaluit 8h	Honolulu 20h,	Midway I. 18:30h	Nome 20h, 135W	Dutch Harbor Midnight G. M. T	Kodiak Midnight G. M. T
Atm. Pressure (Red. to m.s.l. and Strd Gr.)	764.3	765.5	-	757.9	759.0	* 757.6	* 758.3	* 758.8	* 759.2	760.7	756.4	758.8	761.5	-	762.0	760.5	757.9
* not reduced to Strd Gr.)	24.3	25.0	-	27.6	29.0	28.0	32.0	-	-	28.0	26.8	24.3	27.0	-	7.0	10.0	13.0
Air Temperature (in C)	NNW 2	- 1	-	NNW 3	ENE 6	WSW 2	calm	NE 3	E 3	NW 3	E -	ESE 1	SE 1	-	S 2	SE 1	SW 4
Direction and Force of Winds (0-12)	cloudy	cloudy	-	rain	cloudy	fair	clear	cloudy	fair	cloudy	-	-	clear	-	cloudy	cloudy	clear
Weather																	

発行人 印刷人 神戸市中山手通七丁目 海洋氣象臺

昭和四年九月一日

北太平洋天氣圖

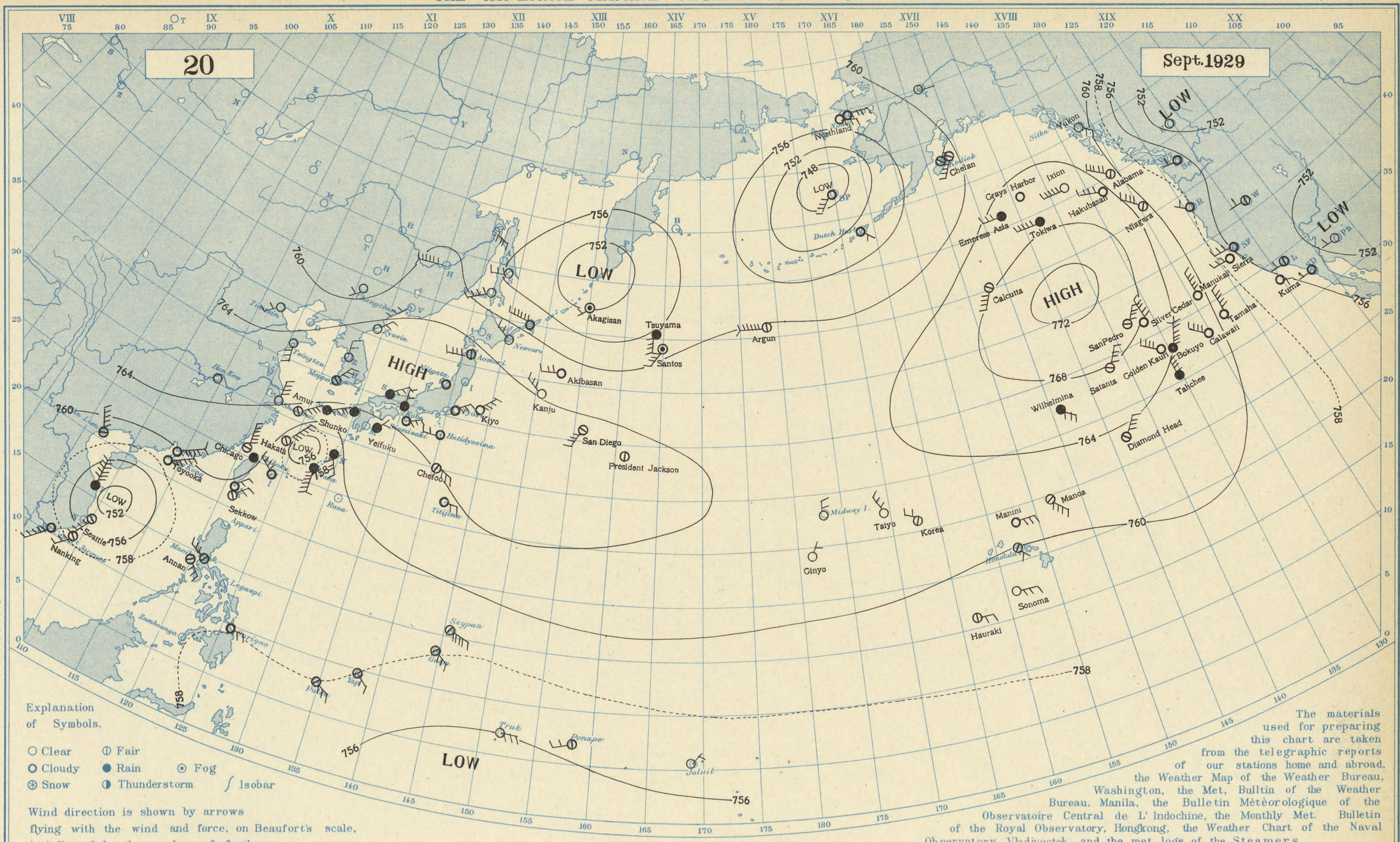
第四五四二號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№2455



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, Bulltin of the Weather Bureau, Manila, the Bulletin Mètèorologique 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 / Hour of Observation	Taihoku 12h, 135E	Naha 12h, 135E	Nagasaki 12h, 135E	Siomisaki 12h, 135E	Kôbe 12h, 135E	Tyôsi 12h, 135E	Hatidyôsima 12h, 135E	Titizima 12h, 135E	Niigata 12h, 135E	Aomori 12h, 135E	Nemuro 12h, 135E	Maoka 12h, 135E	Moppo 12h, 135E	Zyôsin 12h, 135E	Changchun 12h, 135E	Tientsin 12h, 135E	Tsingtau 12h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr. / * not reduced to Strd. Gr.)	761.0	756.7	763.8	764.4	764.7	765.6	765.0	763.7	766.4	765.9	761.3	758.8	765.2	764.7	758.3	763.1	766.0
Air Temperature (in C)	25.8	27.6	21.9	23.2	22.5	24.0	27.7	32.0	23.1	21.3	18.0	15.9	23.7	20.7	24.2	25.4	24.2
Direction and Force of Winds (0-12)	- 1	S 7	- 1	ENE 3	N 2	ENE 3	W 2	E 2	- 1	W 4	NW 2	WSW 4	NNE 3	NNE 2	SW 1	SW 2	S 3
Weather	rain	rain	rain	cloudy	rain	cloudy	cloudy	cloudy	cloudy	fair	clear	clear	fair	clear	clear	clear	clear

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Rasa 12h, 135E	Palau 12h, 135E	Hongkong 10h,	Manila 14h,	Surigao 14h,	Guam 14h,	Yap 14h,	Phu-Lien 10h,	Truk 6h	Jaluit 8h	Honolulu 20h,	Midway I. 18:30h	Nome 20h, 135W	Dutch Harbor 16h, 135W	Kodiak 16h, 135W
Atm. Pressure (Red. to m.s.l. and Strd Gr. / * not reduced to Strd Gr.)	764.6	765.5	-	758.1	759.5	*759.5	*759.1	*758.7	*759.0	759.0	756.0	759.1	760.0	762.0	758.9	752.3	758.4
Air Temperature (in C)	25.9	26.5	-	29.6	27.0	32.0	30.0	-	-	29.0	26.8	28.3	26.0	-	8.0	13.0	12.0
Direction and Force of Winds (0-12)	N 4	- 1	-	ESE 3	ENE 7	WNW 3	E 2	SE 3	SE 2	NNW 5	E 3	ENE 1	SE 1	N 2	E 4	SE 1	NE 1
Weather	clear	clear	-	fair	cloudy	fair	cloudy	fair	fair	fair	-	-	fair	clear	cloudy	cloudy	fair

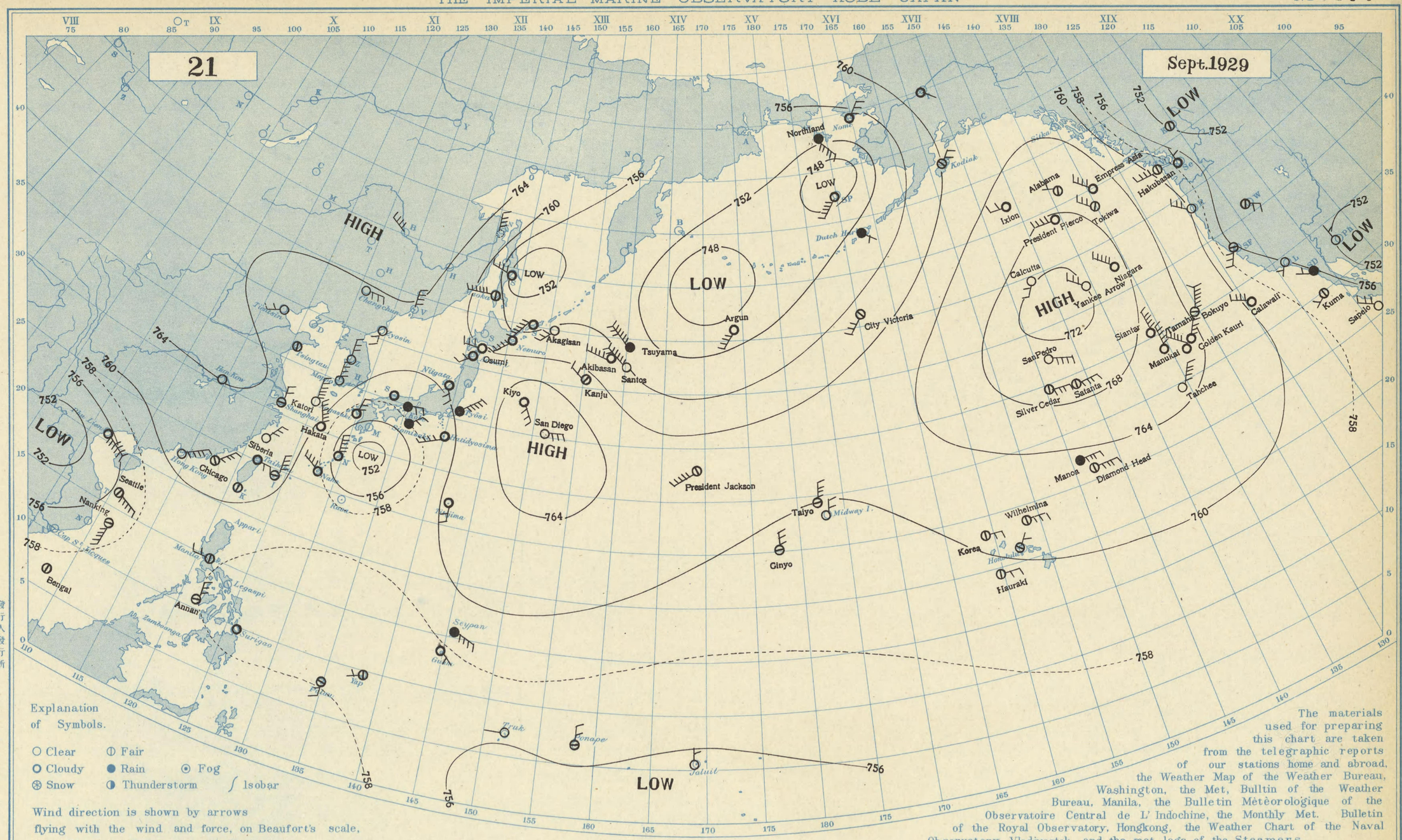
發行人發行所 印刷人販賣所 神戸市中山手通七丁目 海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2456



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, Bulltin of the Weather Bureau, Manila, the Bulletin Météorologique of the Observatoire Central de L' Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Naval Observatory, Vladivostok, and the met. logs of the Steamers.

Station / Hour of Observation	Taihoku 12h, 135E	Naha 12h, 135E	Nagasaki 12h, 135E	Siomisaki 12h, 135E	Kôbe 12h, 135E	Tyôsi 12h, 135E	Hatidyôsima 12h, 135E	Titizima 12h, 135E	Niigata 12h, 135E	Aomori 12h, 135E	Nemuro 12h, 135E	Maoka 12h, 135E	Moppo 12h, 135E	Zyôsin 12h, 135E	Changchun 12h, 135E	Tientsin 12h, 135E	Tsingtau 12h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr. / * not reduced to Strd. Gr.)	762.3	758.6	756.3	758.1	759.0	760.6	758.4	760.6	761.2	761.1	756.4	756.5	760.7	762.3	762.3	761.6	763.3
Air Temperature (in C)	28.7	27.5	22.9	20.2	20.2	19.2	27.1	28.6	21.2	21.4	17.8	11.8	26.4	23.3	18.0	27.0	24.3
Direction and Force of Winds (0-12)	E 2	WNW 4	NNE 3	NE 2	E 2	NE 5	WSW 4	S 2	SSE 2	SW 2	SW 5	W 6	N 4	S 2	E 3	WSW 2	- 1
Weather	cloudy	cloudy	cloudy	rain	rain	rain	cloudy	cloudy	cloudy	cloudy	cloudy	fair	clear	clear	clear	clear	fair

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Rasa 12h, 135E	Palau 12h, 135E	Hongkong 10h,	Manila 14h,	Surigao 14h,	Guam 14h,	Yap 14h,	Phu-Lien 10h,	Truk 6h	Jaluit 8h	Honolulu 20h,	Midway I. 18:30h	Nome 20h, 135W	Dutch Harbor Midnight, G. M. T.	Kodiak Midnight, G. M. T.
Atm. Pressure (Red. to m.s.l. and Strd Gr. / * not reduced to Strd Gr.)	763.6	763.7	-	758.0	761.0	*758.7	* 758.1	*758.9	* 758.7	755.9	756.6	756.9	760.5	759.5	755.4	753.4	760.0
Air Temperature (in C)	24.7	28.5	-	29.6	28.0	31.0	29.0	-	-	25.0	25.4	30.6	27.0	-	9.0	12.0	12.0
Direction and Force of Winds (0-12)	N 2	- 1	-	S 2	ENE 5	W 2	calm	SE 1	WSW 1	ESE 10	W -	N 1	NE 1	N 2	NE 3	SE 1	NE 2
Weather	fair	clear	-	fair	clear	fair	cloudy	cloudy	fair	cloudy	-	-	fair	clear	cloudy	rain	fair

發行人 印刷人 神戸市中山手通七丁目 海洋氣象臺

昭和四年九月一日

北太平洋天氣圖

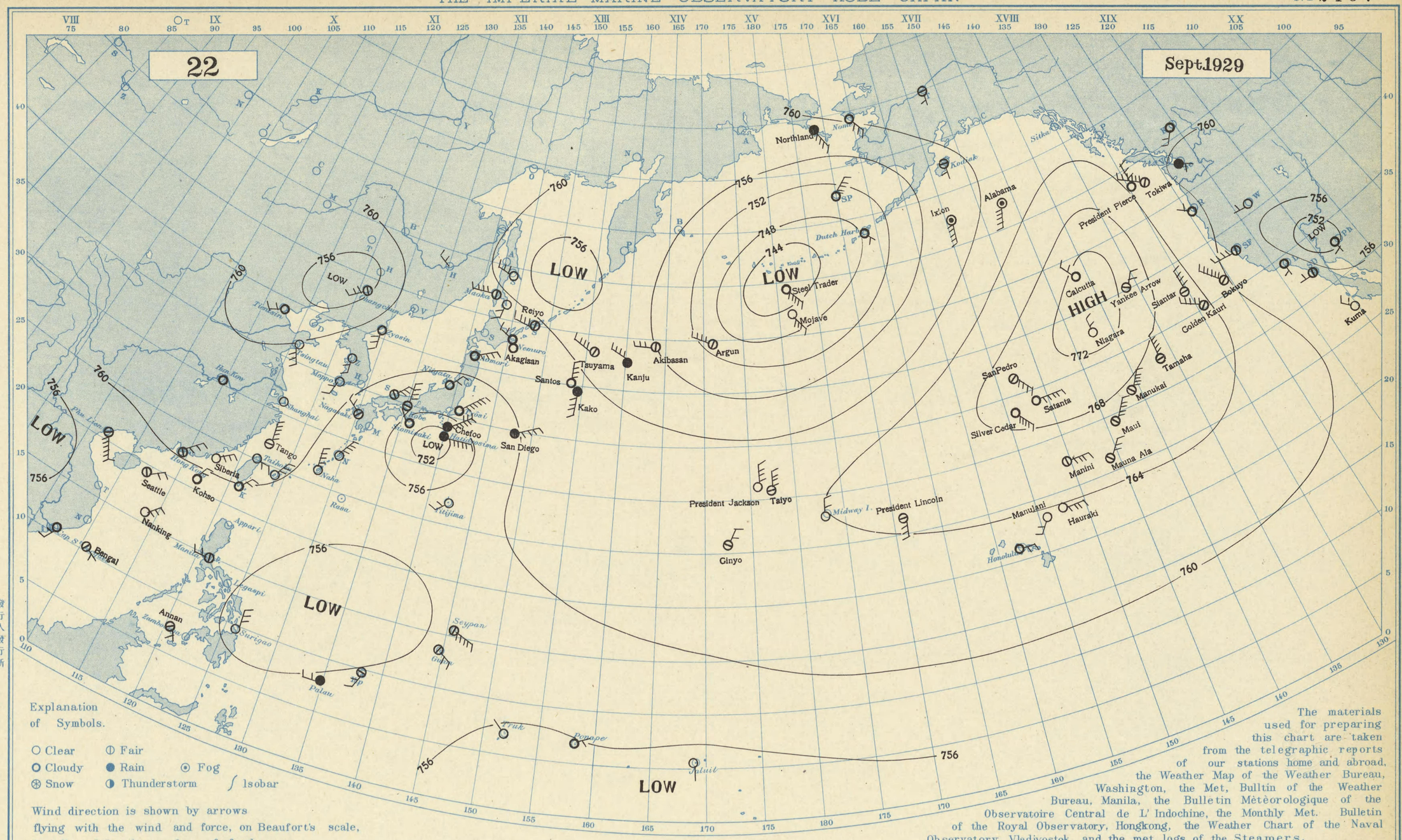
第二四五六號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 2457



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, Bulltin of the Weather Bureau, Manila, the Bulletin Mètèorologique 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 / Hour of Observation	Taihoku 12h, 135E	Naha 12h, 135E	Nagasaki 12h, 135E	Siomisaki 12h, 135E	Kôbe 12h, 135E	Tyôsi 12h, 135E	Hatidyôsima 12h, 135E	Titizima 12h, 135E	Niigata 12h, 135E	Aomori 12h, 135E	Nemuro 12h, 135E	Maoka 12h, 135E	Moppo 12h, 135E	Zyôsin 12h, 135E	Changchun 12h, 135E	Tientsin 12h, 135E	Tsingtau 12h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr. / * not reduced to Strd. Gr.)	760.6	758.9	759.0	755.9	756.0	756.7	751.9	757.9	758.7	761.3	761.7	760.5	760.9	762.2	755.8	757.5	760.1
Air Temperature (in C)	29.0	26.9	23.8	23.6	27.2	20.4	21.5	30.3	21.5	18.6	14.9	12.8	25.8	20.2	23.4	23.6	24.8
Direction and Force of Winds (0-12)	E 2	N 4	NW 2	NNW 1	N 4	NE 6	E 6	SW 2	NNE 2	ENE 4	WNW 2	W 4	SSW 2	S 3	SW 3	WSW 2	SSE 3
Weather	clear	clear	fair	cloudy	fair	cloudy	rain	clear	cloudy	cloudy	cloudy	fair	clear	cloudy	fair	cloudy	clear

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Rasa 12h, 135E	Palau 12h, 135E	Hongkong 10h,	Manila 14h,	Surigao 14h,	Guam 14h,	Yap 14h,	Phu-Lien 10h,	Truk 6h	Jaluit 8h	Honolulu 20h,	Midway I. 18:30h	Nome 20h, 135W	Dutch Harbor Midnight, G. M. T	Kodiak Midnight, G. M. T.
Atm. Pressure (Red. to m.s.l. and Strd Gr. / * not reduced to Strd Gr.)	761.4	760.8	-	756.3	760.3	*757.1	*756.2	*757.2	*757.4	759.5	755.9	756.3	761.5	764.0	760.5	748.3	757.4
Air Temperature (in C)	26.2	27.3	-	26.1	30.0	32.0	30.0	-	-	29.0	27.5	29.0	27.0	-	9.0	11.0	13.0
Direction and Force of Winds (0-12)	calm	- 1	-	W 2	NE 3	W 2	N 3	SE 2	SSW 2	SSE 7	NW 1	S 1	E 2	N 2	SE 3	SE 1	S 1
Weather	clear	cloudy	-	rain	fair	fair	clear	fair	fair	fair	-	-	cloudy	clear	cloudy	cloudy	fair

發行人 印刷人 神戸市中山手通七丁目 海洋氣象臺

昭和四年二月九日

北太平洋天氣圖

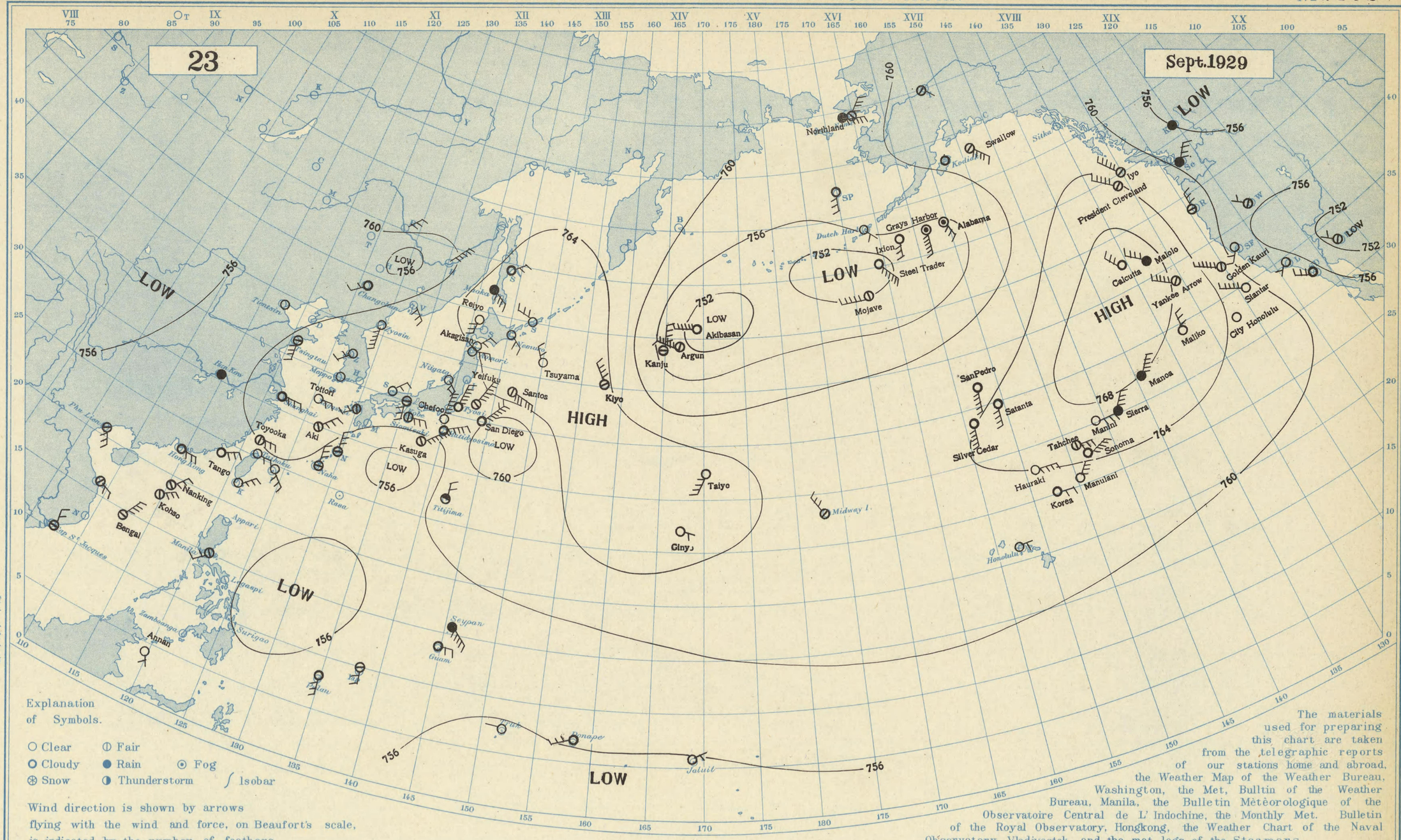
第二四五七號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2458



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, Bulltin of the Weather Bureau, Manila, the Bulletin Météorologique of the Observatoire Central de L' Indochine, the Monthly Met. Bulletin of the Royal Observatory, Hongkong, the Weather Chart of the Naval Observatory, Vladivostok, and the met. logs of the Steamers.

Station / Hour of Observation	Taihoku 12h, 135E	Naha 12h, 135E	Nagasaki 12h, 135E	Siomisaki 12h, 135E	Kôbe 12h, 135E	Tyôsi 12h, 135E	Hatidyôsima 12h, 135E	Titizima 12h, 135E	Niigata 12h, 135E	Aomori 12h, 135E	Nemuro 12h, 135E	Maoka 12h, 135E	Moppo 12h, 135E	Zyôsin 12h, 135E	Changchun 12h, 135E	Tientsin 12h, 135E	Tsingtau 12h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr. * not reduced to Strd. Gr.)	759.2	759.7	760.2	761.3	760.9	762.2	760.6	760.4	762.1	763.6	757.2	764.3	762.2	760.6	758.0	758.3	760.4
Air Temperature (in C)	30.5	26.2	27.1	24.5	26.7	20.3	21.5	23.8	22.9	21.3	15.5	12.5	25.2	20.1	18.3	28.6	25.0
Direction and Force of Winds (0-12)	E 2	N 3	SW 2	E 3	S 3	NNE 6	ENE 5	N 2	SE 2	E 3	SE 2	SE 4	- 1	S 5	SW 2	- 1	S 4
Weather	clear	fair	fair	fair	fair	cloudy	cloudy	th.s	clear	clear	clear	rain	clear	clear	cloudy	clear	fair

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Rasa 12h, 135E	Palau 12h, 135E	Hongkong 10h,	Manila 14h,	Surigao 14h,	Guam 14h,	Yap 14h,	Phu-Lien 10h,	Truk 6h	Jaluit 8h	Honolulu 20h,	Midway I. 18:30h	Nome 20h, 135W	Dutch Harbor Midnight, G. M. T.	Kodiak Midnight, G. M. T.
Atm. Pressure (Red. to m.s.l. and Strd Gr. * not reduced to Strd Gr.)	760.7	759.3	-	756.7	759.2	*757.2	* -	*757.9	* 758.3	759.3	755.9	757.6	761.5	761.5	758.9	756.4	760.5
Air Temperature (in C)	26.1	22.9	-	28.6	29.0	30.0	-	-	-	30.0	26.2	29.0	26.0	-	13.0	13.0	12.0
Direction and Force of Winds (0-12)	E 3	- 1	-	S 3	E 3	SW 2	-	E 2	S 2	SSE 3	W -	ENE 1	E 1	NW 3	NE 4	SE 1	calm
Weather	cloudy	rain	-	cloudy	cloudy	fair	-	cloudy	fair	fair	-	-	clear	fair	fair	clear	cloudy

發行人 印刷人 販賣所 神戸市中山手通七丁目 海洋氣象臺

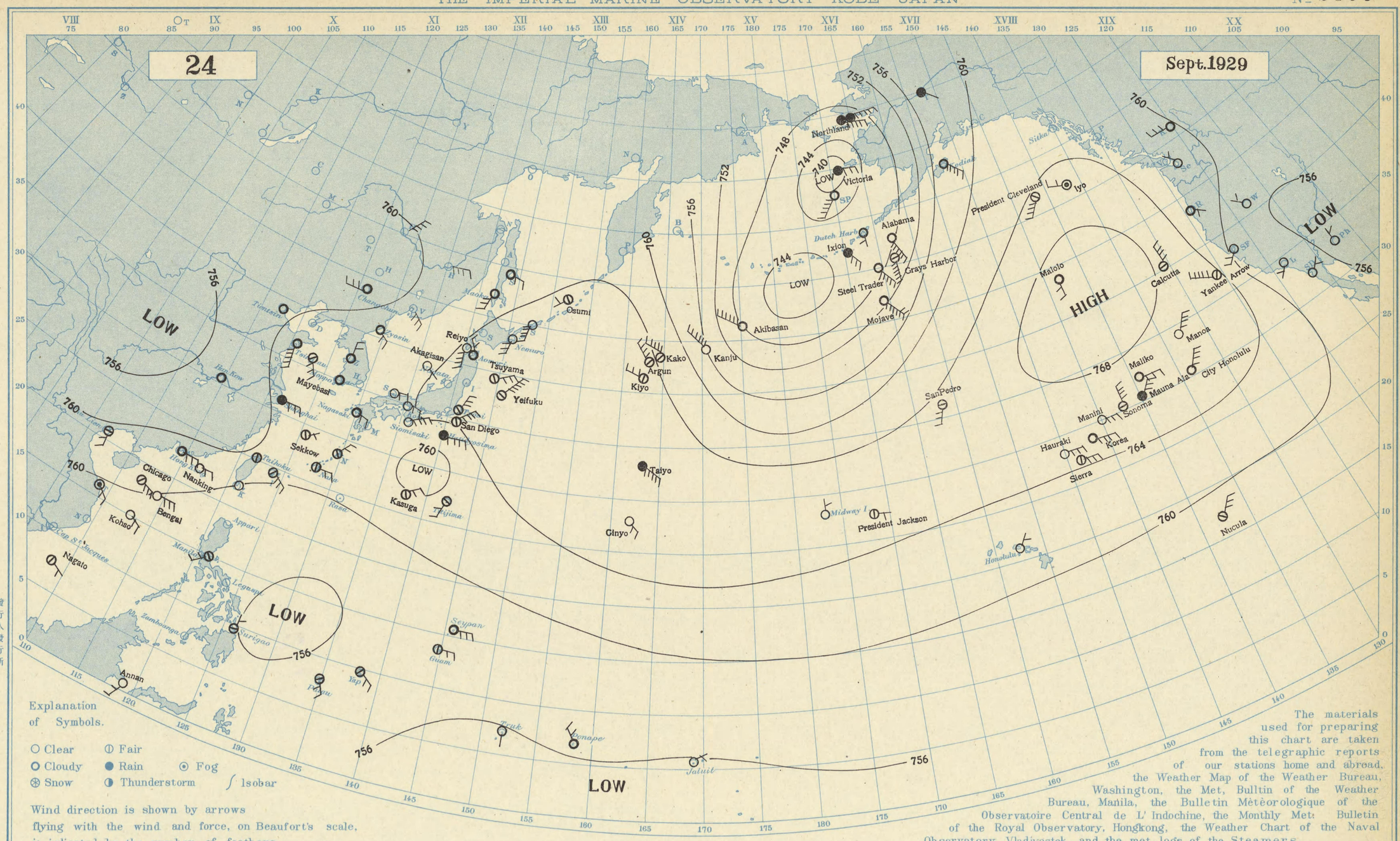
昭和四年 九月二三日 北太平洋天氣圖 第二四五八號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2459



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, Bulltin of the Weather Bureau, Manila, the Bulletin Mètèorologique 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 / Hour of Observation	Taihoku 12h, 135E	Naha 12h, 135E	Nagasaki 12h, 135E	Siomisaki 12h, 135E	Kôbe 12h, 135E	Tyôsi 12h, 135E	Hatidyôsima 12h, 135E	Titizima 12h, 135E	Niigata 12h, 135E	Aomori 12h, 135E	Nemuro 12h, 135E	Maoka 12h, 135E	Moppo 12h, 135E	Zyôsin 12h, 135E	Changchun 12h, 135E	Tientsin 12h, 135E	Tsingtau 12h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr.) (* not reduced to Strd. Gr.)	759.9	760.7	762.6	763.7	763.7	764.7	763.1	761.3	764.2	765.2	766.5	762.8	763.3	762.2	758.5	759.4	761.1
Air Temperature (in C)	31.0	28.2	25.3	23.6	25.4	21.0	21.0	29.5	23.5	19.5	16.2	16.3	24.9	19.5	20.6	24.7	24.6
Direction and Force of Winds (0-12)	- 1	E 2	ESE 2	ENE 4	ESE 2	NE 3	E 4	SSW 2	- 1	NNW 2	SSW 3	SSW 3	- 1	SE 2	W 3	- 1	S 5
Weather	fair	fair	cloudy	clear	clear	fair	rain	fair	fair	cloudy	clear	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Rasa 12h, 135E	Palau 12h, 135E	Hongkong 10h,	Manila 14h,	Surigao 14h,	Guam 14h,	Yap 14h,	Phu-Lien 10h,	Truk 6h	Jaluit 8h	Honolulu 20h,	Midway I. 18:30h	Nome 20h, 135W	Dutch Harbor	Kodiak
Atm. Pressure (Red. to m.s.l. and Strd Gr.) (* not reduced to Strd Gr.)	760.7	757.7	-	757.7	760.5	* 757.8	* 757.1	* 758.3	* 758.8	760.1	756.1	757.5	760.5	764.5	747.3	746.2	756.9
Air Temperature (in C)	21.8	24.3	-	29.1	28.0	30.0	31.0	-	-	30.0	25.3	31.2	27.0	-	10.0	11.0	12.0
Direction and Force of Winds (0-12)	E 3	- 1	-	SSE 2	E 3	SW 2	N 1	E 2	SE 2	S 2	S -	ENE 1	NE 1	N 1	E 5	S 1	SE 5
Weather	rain	cloudy	-	fair	cloudy	fair	fair	fair	fair	fair	-	-	clear	clear	rain	cloudy	cloudy

Midnight G. M. T. Midnight G. M. T.

発行所 発行人 印刷人 販賣所 神戸市中山手通七丁目 海洋氣象臺

昭和四年四月九日 北太平洋氣象圖 第二四五九號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

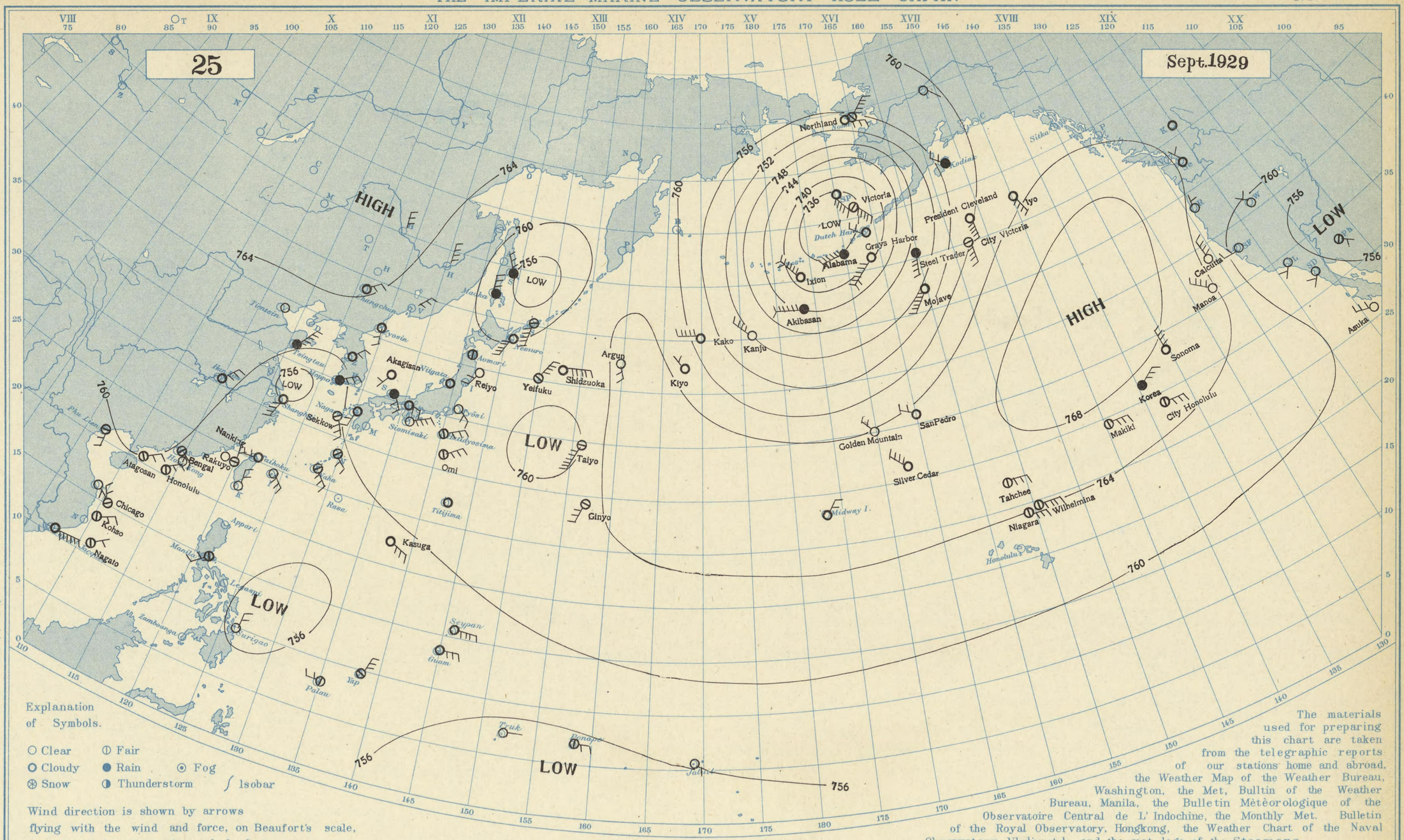
(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2460

25

Sept. 1929



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, Bulltin of the Weather Bureau, Manila, the Bulletin Mètèorologique 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 / Hour of Observation	Taihoku 12h, 135E	Naha 12h, 135E	Nagasaki 12h, 135E	Siomisaki 12h, 135E	Kôbe 12h, 135E	Tyôsi 12h, 135E	Hatidyôsima 12h, 135E	Titizima 12h, 135E	Niigata 12h, 135E	Aomori 12h, 135E	Nemuro 12h, 135E	Maoka 12h, 135E	Moppo 12h, 135E	Zyôsin 12h, 135E	Changchun 12h, 135E	Tientsin 12h, 135E	Tsingtau 12h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr.) (* not reduced to Strd. Gr.)	758.9	759.5	760.7	762.6	762.3	763.0	763.6	761.0	762.5	761.6	759.8	756.6	759.2	763.1	765.2	761.1	760.2
Air Temperature (in C)	29.5	27.6	27.4	24.3	25.7	21.6	24.1	30.7	24.8	23.1	15.8	12.6	22.0	21.2	14.2	28.6	18.8
Direction and Force of Winds (0-12)	W 2	SE 3	SSW 2	ENE 4	ESE 2	SE 2	ENE 3	- 1	- 1	- 1	SW 5	N 3	ENE 3	S 2	NE 2	- 1	NNE 5
Weather	cloudy	fair	cloudy	clear	cloudy	clear	fair	cloudy	cloudy	fair	cloudy	rain	rain	cloudy	cloudy	clear	rain

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Rasa 12h, 135E	Palau 12h, 135E	Hongkong 10h,	Manila 14h,	Surigao 14h,	Guam 14h,	Yap 14h,	Phu-Lien 10h,	Truk 6h	Jaluit 8h	Honolulu 20h,	Midway I. 18:30h	Nome 20h, 135W	Dutch Harbor	Kodiak
																Midnight, G.M.T.	Midnight, G.M.T.
Atm. Pressure (Red. to m.s.l. and Strd Gr.) (* not reduced to Strd Gr.)	755.8	761.0	-	757.1	759.8	* 756.9	* 756.5	* 756.9	* 757.9	759.8	756.1	758.0	-	765.0	755.9	737.6	758.4
Air Temperature (in C)	25.7	21.9	-	29.6	29.0	32.0	31.0	-	-	31.0	25.4	26.6	-	-	6.0	10.0	9.0
Direction and Force of Winds (0-12)	SSW 4	NNE 3	-	W 2	SE 2	SW 2	N 2	E 3	NNE 3	S 2	E 1	ESE 1	-	NE 2	NE 5	NW 2	NW 2
Weather	cloudy	cloudy	-	fair	fair	fair	clear	cloudy	fair	fair	-	-	-	cloudy	fair	cloudy	rain

發行人 發行所 印刷人 販賣所 神戸市中山手通七丁目 海洋氣象臺

昭和四年九月二十五日

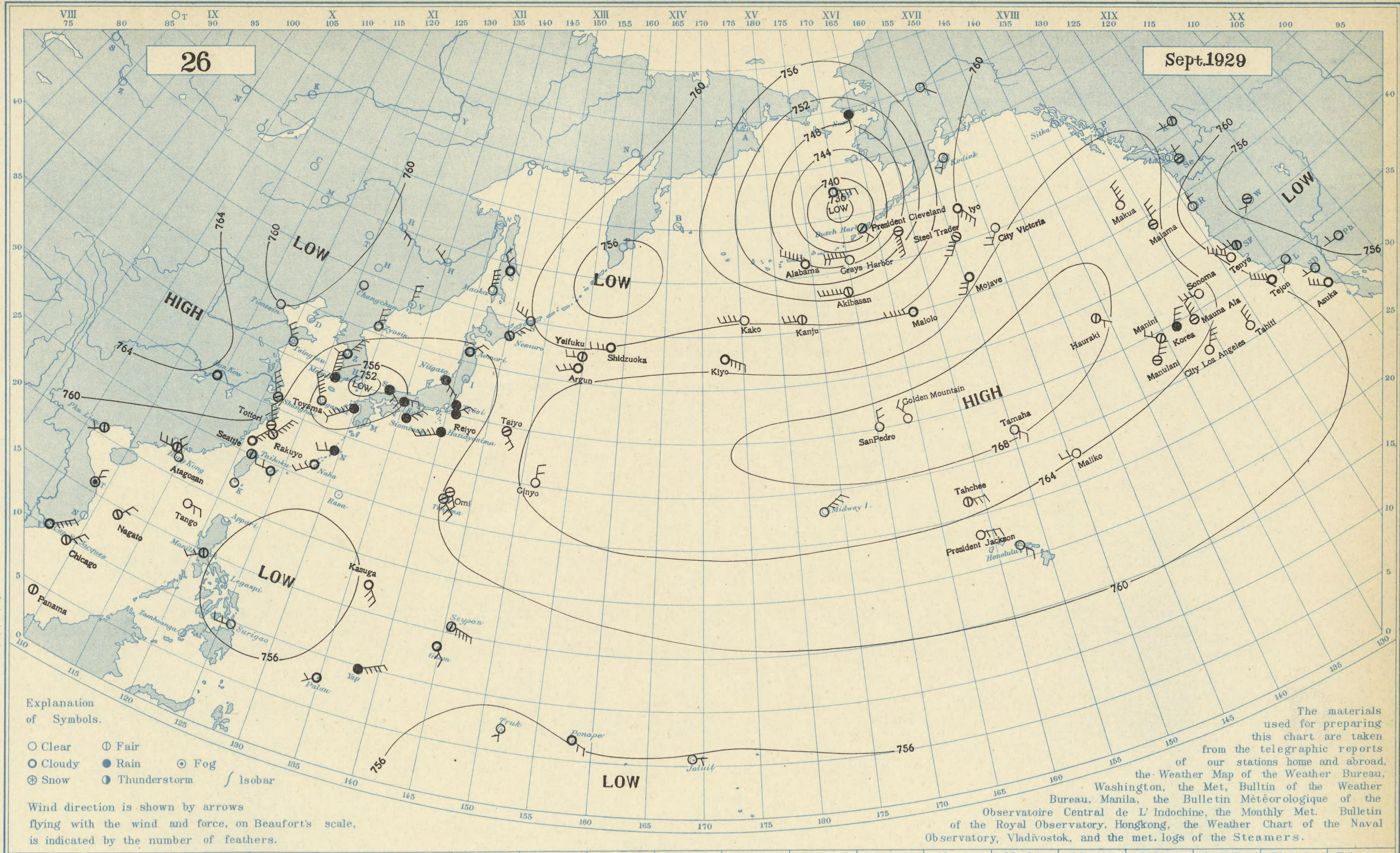
北太平洋天氣圖

第二四六〇號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN



Station / Hour of Observation	Taihoku 12^h, 135E	Naha 12^h, 135E	Nagasaki 12^h, 135E	Siomisaki 12^h, 135E	Kôbe 12^h, 135E	Tyôsi 12^h, 135E	Hatidyôsima 12^h, 135E	Titizima 12^h, 135E	Niigata 12^h, 135E	Aomori 12^h, 135E	Nemuro 12^h, 135E	Maoka 12^h, 135E	Moppo 12^h, 135E	Zyôsin 12^h, 135E	Changchun 12^h, 135E	Tientsin 12^h, 135E	Tsingtau 12^h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr.; * not reduced to Strd. Gr.)	758.3	757.8	754.1	756.8	756.0	759.2	759.1	760.1	758.3	759.8	760.7	761.6	755.4	762.0	761.6	759.9	761.8
Air Temperature (in C)	31.0	28.8	22.9	23.8	21.4	22.0	23.9	30.4	19.7	20.8	15.9	12.8	19.2	17.9	16.4	26.7	21.2
Direction and Force of Winds (0-12)	- 1	SW 3	SW 7	NE 3	E 2	calm	WSW 5	SE 3	SE 3	NE 2	NE 3	N 4	N 7	N 3	calm	- 1	NNW 3
Weather	fair	cloudy	rain	rain	rain	rain	rain	fair	rain	cloudy	fair	clear	rain	cloudy	clear	clear	clear

Station / Hour of Observation	Shanghai 12^h, 135E	Hankow 12^h, 135E	Rasa 12^h, 135E	Palau 12^h, 135E	Hongkong 10^h,	Manila 14^h,	Surigao 14^h,	Guam 14^h,	Yap 14^h,	Phu-Lien 10^h,	Truk 6^h	Jaluit 8^h	Honolulu 20^h,	Midway I. 18:30h	Nome 20^h, 135W	Dutch Harbor Midnight, G. M. T.	Kodiak Midnight, G. M. T.
Atm. Pressure (Red. to m.s.l. and Strd Gr.; * not reduced to Strd Gr.)	760.8	763.5	-	756.6	757.9	*756.4	*756.2	*757.5	*757.4	759.2	755.9	757.1	762.5	766.1	748.8	737.6	759.5
Air Temperature (in C)	23.8	23.7	-	27.6	31.0	32.0	31.0	-	-	29.0	26.2	30.2	24.0	-	9.0	11.0	13.0
Direction and Force of Winds (0-12)	NNW 4	- 1	-	SW 1	W 3	WSW 2	W 2	SE 2	ENE 5	WSW 1	S 1	E 1	SE 2	NE 4	S 2	SE 1	SW 1
Weather	fair	cloudy	-	cloudy	fair	fair	clear	cloudy	rain	fair	-	-	clear	clear	rain	fair	clear

發行人發行所
印刷人販賣所
神戸市中山手通七丁目
海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

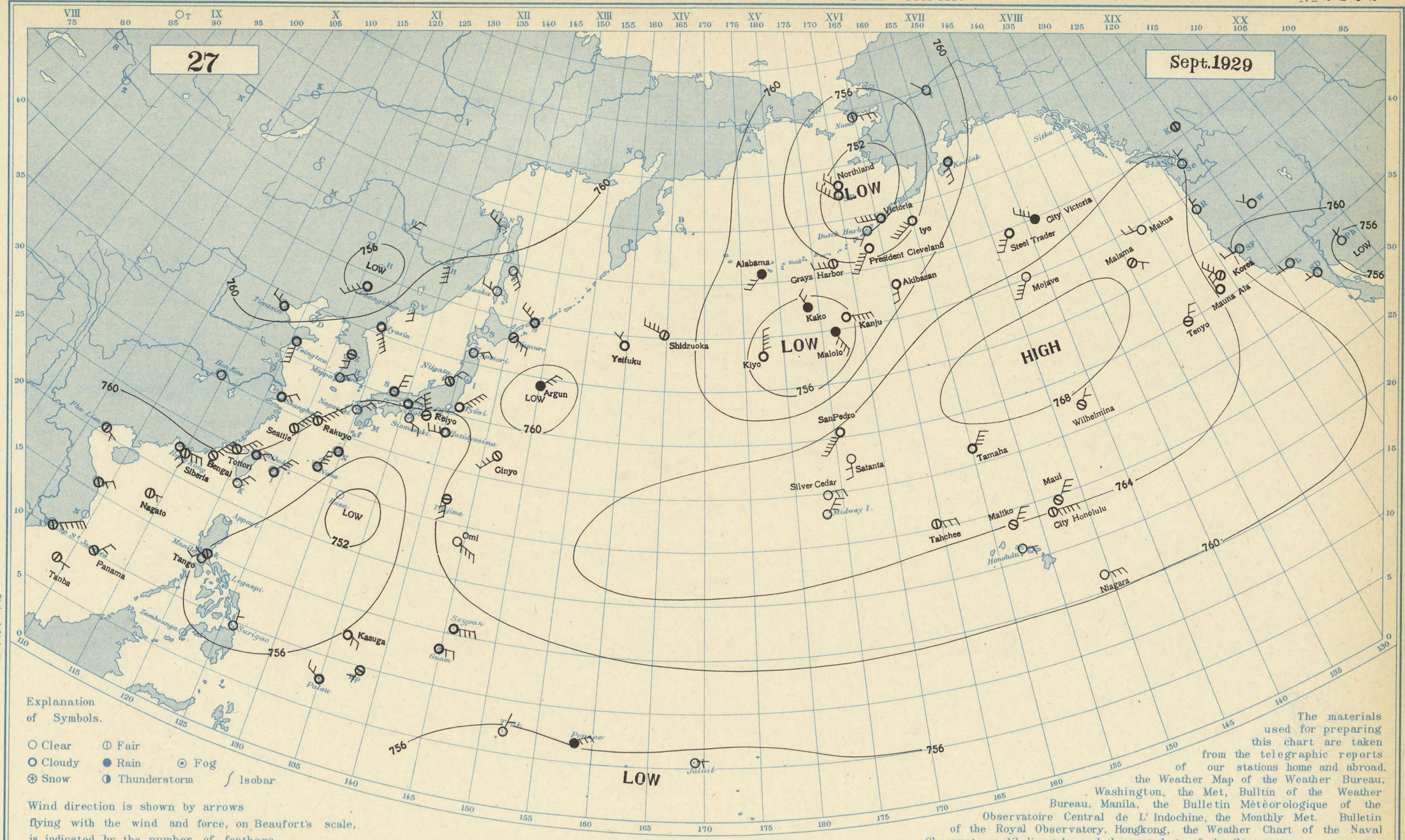
(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 2462

27

Sept. 1929



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, Bulltin of the Weather Bureau, Manila, the Bulletin Mètèorologique 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 / Hour of Observation	Taihoku 12h, 135E	Naha 12h, 135E	Nagasaki 12h, 135E	Siomisaki 12h, 135E	Kôbe 12h, 135E	Tyôsi 12h, 135E	Hatidyôsima 12h, 135E	Titizima 12h, 135E	Niigata 12h, 135E	Aomori 12h, 135E	Nemuro 12h, 135E	Maoka 12h, 135E	Moppo 12h, 135E	Zyôsin 12h, 135E	Changchun 12h, 135E	Tientsin 12h, 135E	Tsingtau 12h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr.; * not reduced to Strd. Gr.)	760.0	756.8	759.7	759.1	760.5	760.4	759.4	760.7	761.6	761.2	761.3	762.3	762.3	761.5	753.8	758.0	761.2
Air Temperature (in C)	27.8	27.1	25.3	26.4	25.2	21.2	24.8	29.8	23.1	21.9	15.4	13.0	24.5	19.3	21.8	22.3	24.6
Direction and Force of Winds (0-12)	ENE 2	NNE 4	NE 2	ESE 2	NE 2	NE 5	W 3	S 3	NNE 2	ENE 2	ESE 3	WNW 2	ENE 2	SSE 5	SW 4	WNW 2	S 4
Weather	cloudy	cloudy	clear	clear	cloudy	cloudy	cloudy	fair	fair	clear	fair	clear	clear	cloudy	cloudy	cloudy	cloudy

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Rasa 12h, 135E	Palau 12h, 135E	Hongkong 10h,	Manila 14h,	Surigao 14h,	Guam 14h,	Yap 14h,	Phu-Lien 10h,	Truk 6h	Jaluit 8h	Honolulu 20h,	Midway I. 18:30h	Nome 20h, 135W	Dutch Harbor 16h, 135W	Kodiak 16h, 135W
Atm. Pressure (Red. to m.s.l. and Strd Gr.; * not reduced to Strd Gr.)	761.3	761.7	-	757.1	759.0	* 756.2	* 756.4	* 757.9	* 758.3	759.3	755.8	757.2	763.0	766.6	754.9	751.8	758.9
Air Temperature (in C)	25.5	25.7	-	29.2	29.0	32.0	32.0	-	-	31.0	28.8	30.3	26.0	-	12.0	10.0	11.0
Direction and Force of Winds (0-12)	ENE 2	- 1	-	WNW 3	ESE 2	SW 2	N 1	E 2	SSW 1	ESE 1	NNE 1	E 1	E 1	NE 3	E 3	SW 1	S 3
Weather	cloudy	clear	-	cloudy	cloudy	fair	clear	cloudy	fair	fair	-	-	clear	clear	fair	clear	cloudy

Midnight, G. M. T. Midnight, G. M. T.

発行人 印刷人 販賣所 神戸市中山手通七丁目

海洋氣象臺

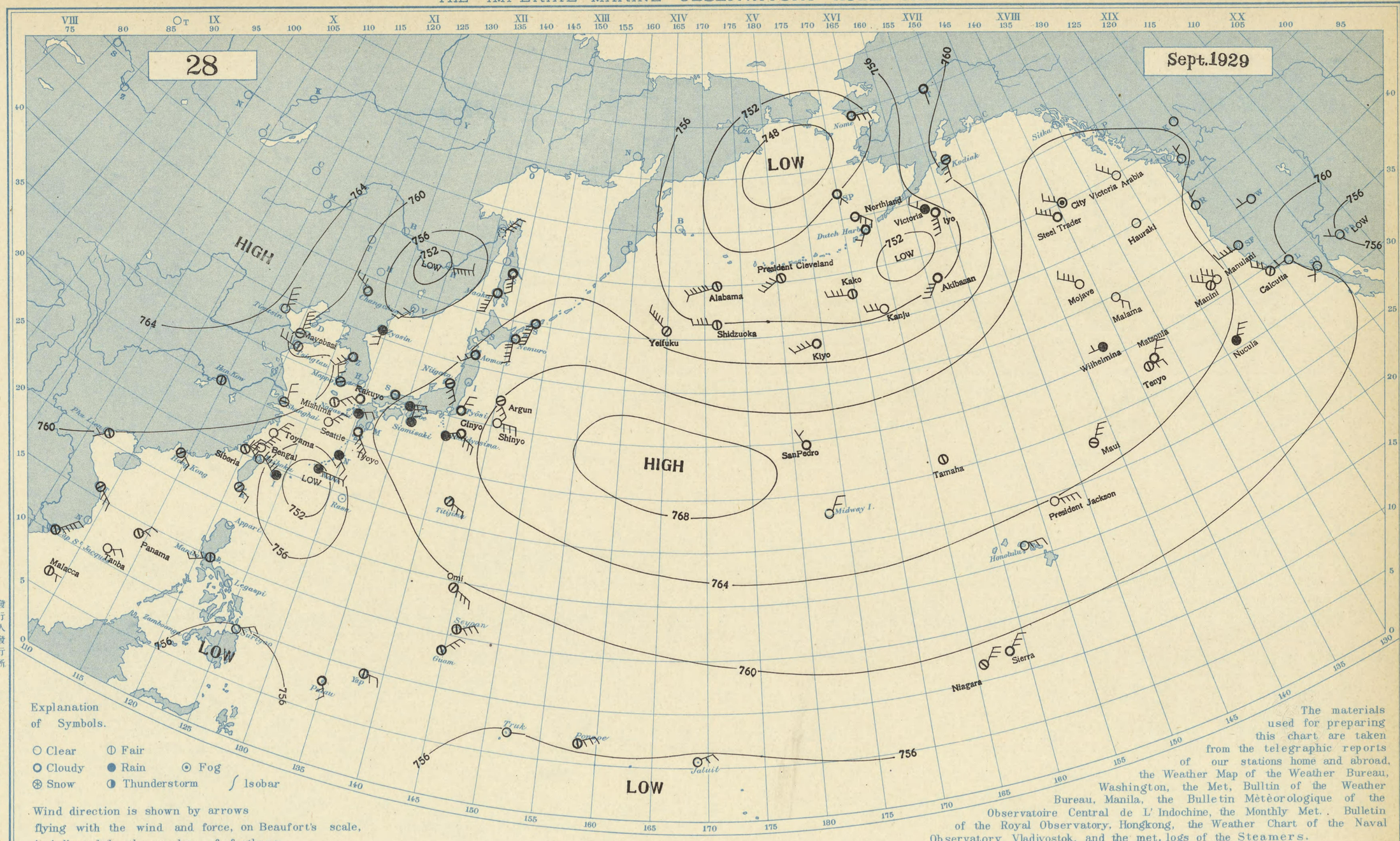
昭和四年九月二十七日 北太平洋天氣圖 第二四六二號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 2463



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, Bulltin of the Weather Bureau, Manila, the Bulletin Mètèorologique 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 / Hour of Observation	Taihoku 12h, 135E	Naha 12h, 135E	Nagasaki 12h, 135E	Siomisaki 12h, 135E	Kôbe 12h, 135E	Tyôsi 12h, 135E	Hatidyôsima 12h, 135E	Titizima 12h, 135E	Niigata 12h, 135E	Aomori 12h, 135E	Nemuro 12h, 135E	Maoka 12h, 135E	Moppo 12h, 135E	Zyôsin 12h, 135E	Changchun 12h, 135E	Tientsin 12h, 135E	Tsingtau 12h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr.)	757.8	750.1	759.2	761.3	760.7	763.3	762.4	762.5	760.3	760.8	762.8	756.9	759.9	758.0	759.4	763.7	759.7
* not reduced to Strd. Gr.																	
Air Temperature (in C)	28.4	26.2	21.0	23.3	21.8	21.6	24.0	30.0	27.4	24.0	16.8	14.1	29.6	18.1	10.6	19.8	25.2
Direction and Force of Winds (0-12)	WNW 3	E 7	ENE 2	N 2	E 2	NE 2	ENE 2	ESE 3	SSE 3	SW 2	S 5	SSW 5	NNW 2	S 2	NW 3	N 4	WNW 3
Weather	clear	rain	rain	rain	rain	cloudy	rain	fair	fair	cloudy	cloudy	cloudy	fair	rain	cloudy	clear	fair

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Rasa 12h, 135E	Palau 12h, 135E	Hongkong 10h,	Manila 14h,	Surigao 14h,	Guam 14h,	Yap 14h,	Phu-Lien 10h,	Truk 6h	Jaluit 8h	Honolulu 20h,	Midway I. 18:30h	Nome 20h, 135W	Dutch Harbor Midnight, G.M.T.	Kodiak Midnight, G.M.T.
Atm. Pressure (Red. to m.s.l. and Strd Gr.)	760.1	761.9	-	757.8	758.7	*757.1	*757.1	*758.0	*759.0	760.0	756.2	757.3	762.0	766.1	751.3	749.8	761.0
* not reduced to Strd Gr.																	
Air Temperature (in C)	26.0	27.2	-	29.7	31.0	32.0	33.0	-	-	30.0	27.5	27.9	26.0	-	9.0	7.0	11.0
Direction and Force of Winds (0-12)	N 2	- 1	-	SSE 2	SE 2	WSW 3	ENE 3	NE 3	E 2	SW 1	E -	ENE 2	E 3	NE 2	E 3	SW 1	S 3
Weather	fair	fair	-	cloudy	fair	fair	clear	fair	fair	fair	-	-	clear	clear	cloudy	cloudy	fair

発行人 印刷人 神戸市中山手通七丁目 海洋氣象臺

昭和四年九月二八日

北太平洋天氣圖

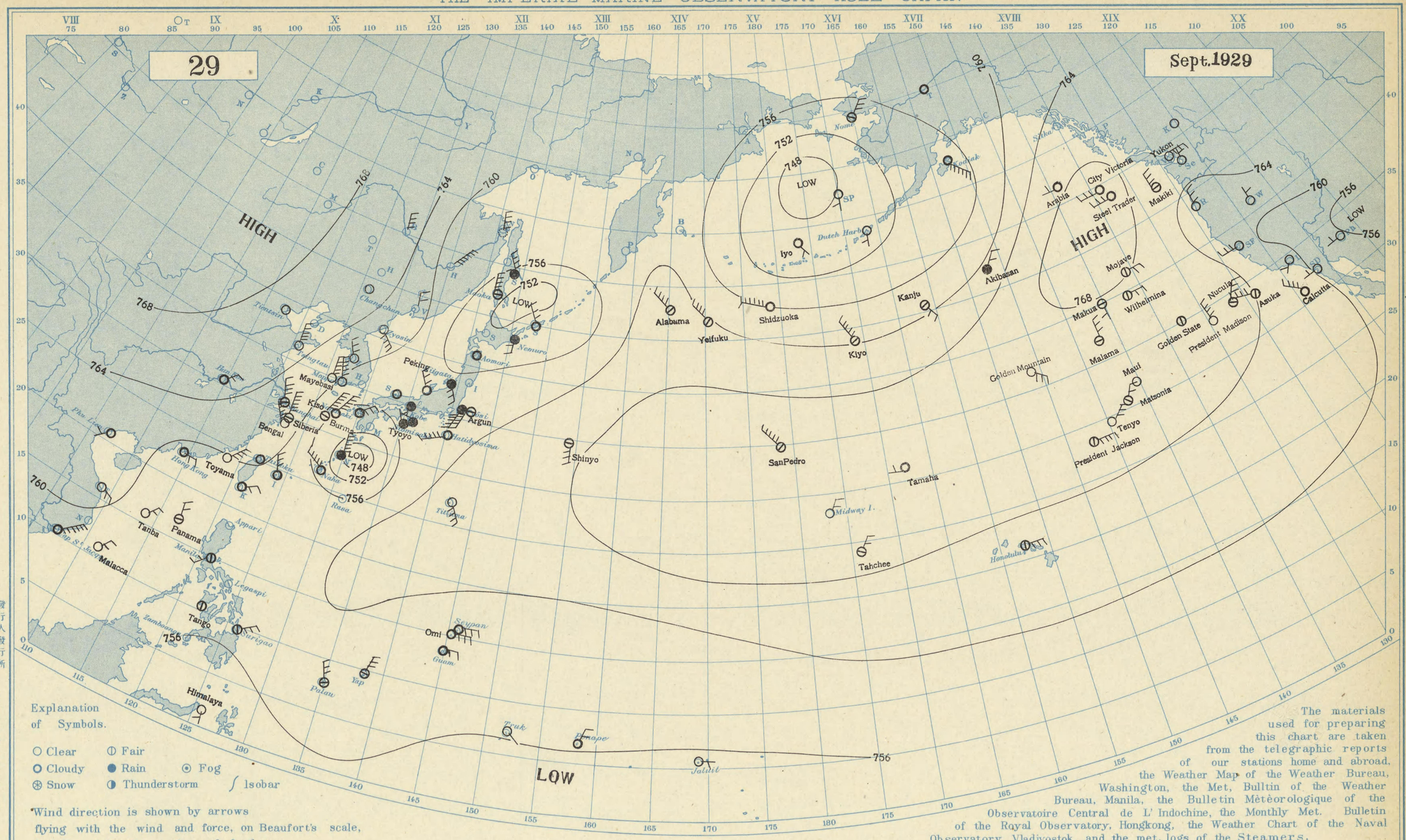
第四二六三號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 2464



The materials used for preparing this chart are taken from the telegraphic reports of our stations home and abroad, the Weather Map of the Weather Bureau, Washington, the Met, Bulltin of the Weather Bureau, Manila, the Bulletin Mètèorologique 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 / Hour of Observation	Taihoku 12h, 135E	Naha 12h, 135E	Nagasaki 12h, 135E	Siomisaki 12h, 135E	Kôbe 12h, 135E	Tyôsi 12h, 135E	Hatidyôsima 12h, 135E	Titizima 12h, 135E	Niigata 12h, 135E	Aomori 12h, 135E	Nemuro 12h, 135E	Maoka 12h, 135E	Moppo 12h, 135E	Zyôsin 12h, 135E	Changchun 12h, 135E	Tientsin 12h, 135E	Tsingtau 12h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr.)	760.6	755.9	755.0	756.9	757.0	756.2	758.3	761.0	756.2	754.1	753.3	753.5	759.7	762.0	766.3	767.1	765.3
* not reduced to Strd. Gr.	26.8	27.3	22.1	22.7	22.0	23.3	27.3	30.6	20.5	22.6	17.0	13.4	21.8	16.7	11.9	22.6	20.4
Air Temperature (in C)	- 1	WNW 5	NE 3	W 1	- 1	SSW 5	WSW 5	SSE 4	SSE 3	- 1	S 2	N 4	NNW 5	SE 4	- 1	- 1	N 5
Direction and Force of Winds (0-12)	cloudy	cloudy	cloudy	rain	rain	rain	cloudy	clear	rain	cloudy	rain	fair	clear	clear	clear	clear	clear
Weather																	

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Rasa 12h, 135E	Palau 12h, 135E	Hongkong 10h,	Manila 14h,	Surigao 14h,	Guam 14h,	Yap 14h,	Phu-Lien 10h,	Truk 6h	Jaluit 8h	Honolulu 20h,	Midway I. 18:30h	Nome 20h, 135W	Dutch Harbor 19h, 135W	Kodiak 19h, 135W
Atm. Pressure (Red. to m.s.l. and Strd Gr.)	762.7	766.0	-	758.2	759.5	* 757.7	* 757.5	* 757.6	* 758.7	760.6	756.6	757.4	762.0	766.1	754.9	750.8	754.9
* not reduced to Strd Gr.)	24.5	20.7	-	28.5	20.0	32.0	32.0	-	-	29.0	24.8	25.0	26.0	-	10.0	11.0	11.0
Air Temperature (in C)	NNW 4	NE 2	-	NNW 3	E 2	SW 2	ENE 3	E 2	NNE 3	SW 1	SE -	E 1	E 3	NE 2	NE 3	S 1	SE 6
Direction and Force of Winds (0-12)	fair	cloudy	-	fair	cloudy	fair	fair	cloudy	fair	cloudy	-	-	fair	clear	fair	clear	cloudy
Weather																	

Midnight, G. M. T. Midnight, G. M. T.

発行人 印刷人 神戸市中山手通七丁目 海洋氣象臺

昭和四年 九月二九日

北太平洋天氣圖

第四六四二號

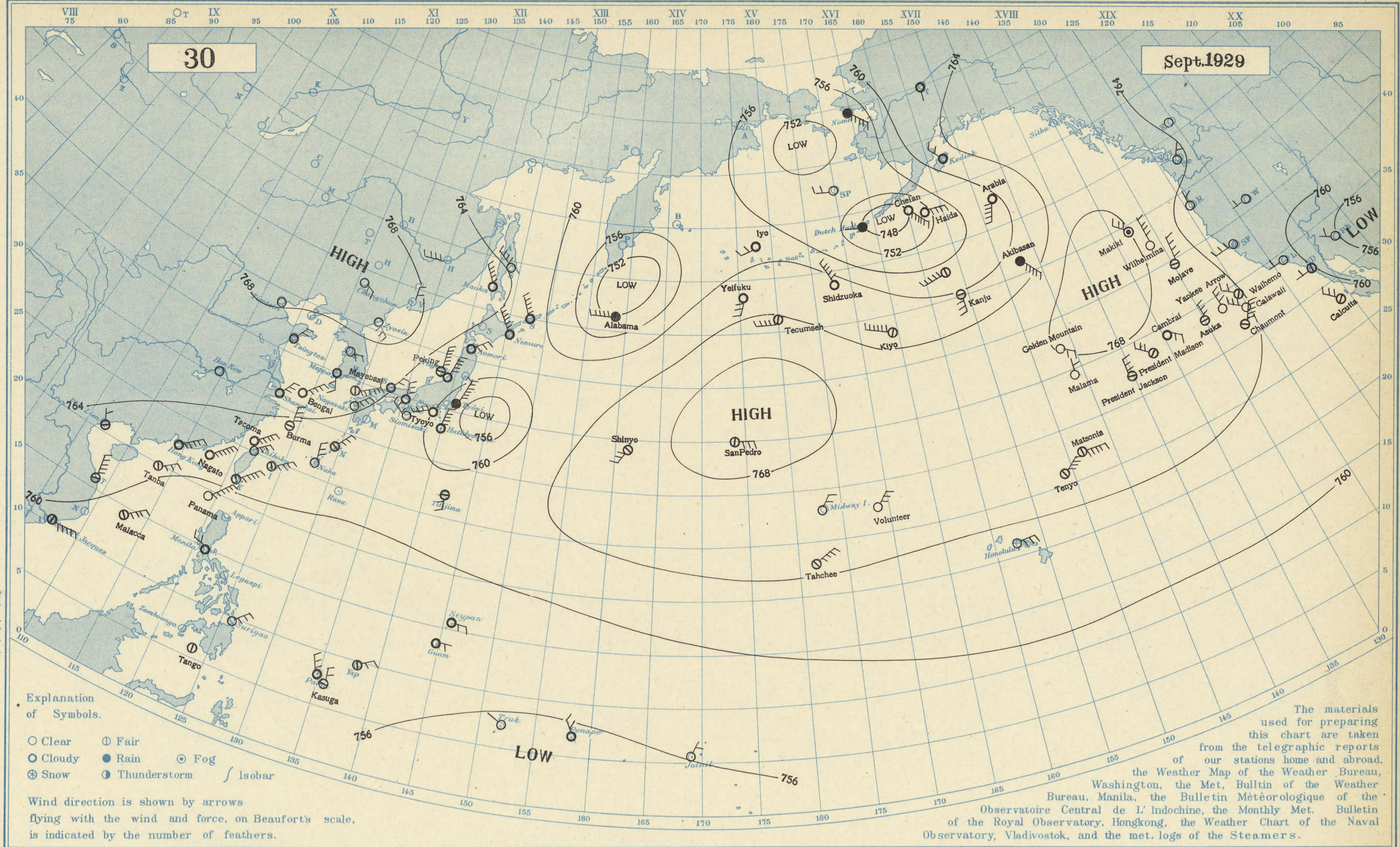
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 2465

30 Sept. 1929



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, Bulltin of the Weather Bureau, Manila, the Bulletin Mètèorologique 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 / Hour of Observation	Taihoku 12h, 135E	Naha 12h, 135E	Nagasaki 12h, 135E	Siomisaki 12h, 135E	Kôbe 12h, 135E	Tyôsi 12h, 135E	Hatidyôsima 12h, 135E	Titizima 12h, 135E	Niigata 12h, 135E	Aomori 12h, 135E	Nemuro 12h, 135E	Maoka 12h, 135E	Moppo 12h, 135E	Zyôsin 12h, 135E	Changchun 12h, 135E	Tientsin 12h, 135E	Tsingtau 12h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr.) (* not reduced to Strd. Gr.)	763.1	761.4	764.1	759.1	762.3	756.4	759.0	761.4	761.7	763.2	761.6	765.6	766.1	769.8	768.7	768.1	767.3
Air Temperature (in C)	28.6	26.4	20.8	24.9	22.2	18.0	23.7	30.9	18.7	16.5	12.0	8.4	22.4	16.4	15.2	22.6	19.6
Direction and Force of Winds (0-12)	NE 3	N 3	NE 3	NW 3	N 3	NNE 8	NNE 5	S 2	NNE 5	NE 3	NNW 6	NNW 5	SSE 2	SE 3	ESE 2	- 1	NNE 2
Weather	clear	clear	clear	clear	cloudy	rain	cloudy	fair	cloudy	cloudy	cloudy	cloudy	cloudy	clear	clear	clear	cloudy

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Rasa 12h, 135E	Palau 12h, 135E	Hongkong 10h,	Manila 14h,	Surigao 14h,	Guam 14h,	Yap 14h,	Phu-Lien 10h,	Truk 6h	Jaluit 8h	Honolulu 20h,	Midway I. 18:30h	Nome 20h, 135W	Dutch Harbor Midnight, G.M.T.	Kodiak Midnight, G.M.T.
Atm. Pressure (Red. to m.s.l. and Strd Gr.) (* not reduced to Strd Gr.)	765.8	767.0	-	757.1	759.8	*758.2	*757.6	*757.8	*757.6	762.5	756.2	757.9	762.5	765.0	753.9	748.3	763.5
Air Temperature (in C)	23.7	24.2	-	18.6	28.0	30.0	31.0	-	-	29.0	25.6	29.6	24.0	-	8.0	7.0	11.0
Direction and Force of Winds (0-12)	NNE 3	- 1	-	NNW 3	ENE 5	WNW 2	NE 3	E 1	ENE 2	NNW 1	WNW -	NE 1	E 3	NE 2	SE 5	W 1	NW 2
Weather	cloudy	clear	-	cloudy	cloudy	cloudy	clear	cloudy	fair	fair	-	-	clear	clear	rain	rain	cloudy

發行人發行所
印刷人販賣所
神戸市中山手通七丁目
海洋氣象臺

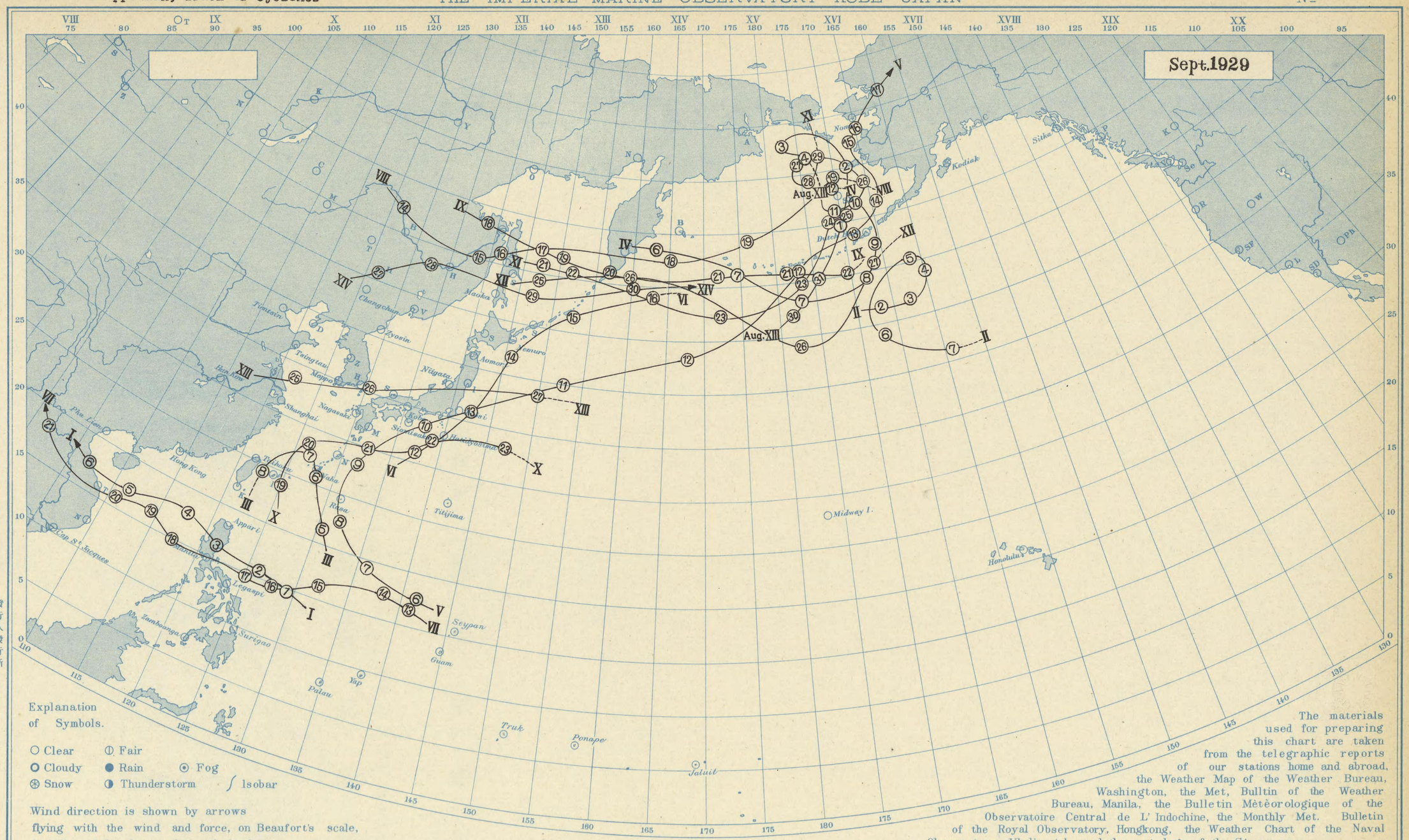
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

Appendix; Track of Cyclones

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No



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.

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Station / Hour of Observation	Taihoku 12h, 135E	Naha 12h, 135E	Nagasaki 12h, 135E	Siomisaki 12h, 135E	Kôbe 12h, 135E	Tyôsi 12h, 135E	Hatidyôsima 12h, 135E	Titizima 12h, 135E	Niigata 12h, 135E	Aomori 12h, 135E	Nemuro 12h, 135E	Maoka 12h, 135E	Moppo 12h, 135E	Zyôsin 12h, 135E	Changchun 12h, 135E	Tientsin 12h, 135E	Tsingtau 12h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr. / * not reduced to Strd. Gr.)																	
Air Temperature (in C)																	
Direction and Force of Winds (0-12)																	
Weather																	

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Rasa 12h, 135E	Palau 12h, 135E	Hongkong 10h,	Manila 14h,	Surigao 14h,	Guam 14h,	Yap 14h,	Phu-Lien 10h,	Truk 6h	Jaluit 8h	Honolulu 20h,	Midway I. 18:30h	Nome 20h, 135W	Dutch Harbor 16h, 135W	Kodiak 16h, 135W
Atm. Pressure (Red. to m.s.l. and Strd Gr. / * not reduced to Strd Gr.)						*	*	*	*								
Air Temperature (in C)																	
Direction and Force of Winds (0-12)																	
Weather																	

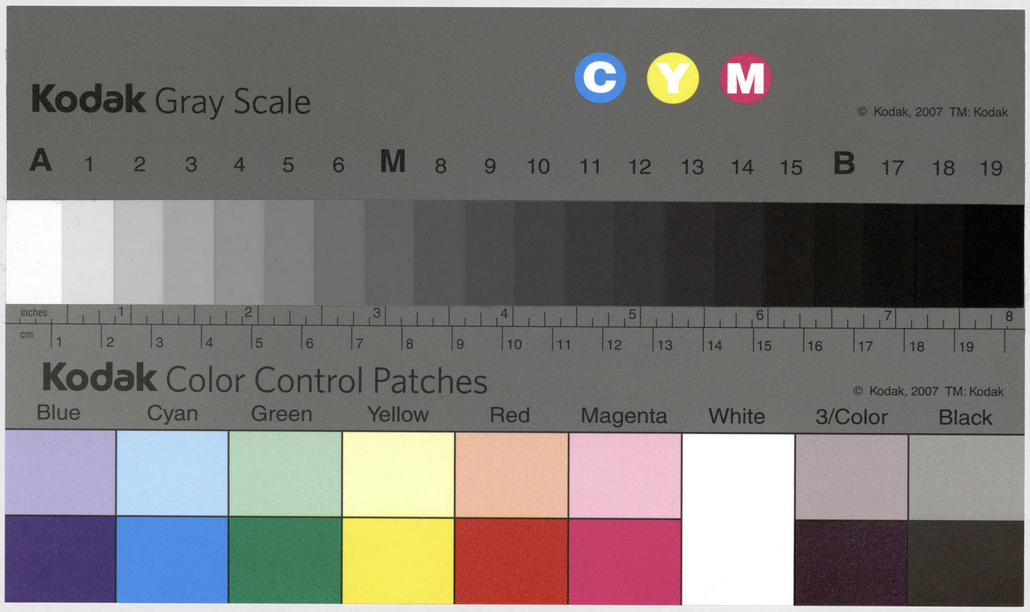
発行人 発行所 印刷人 販賣所 神戸市中山手通七丁目 海洋氣象臺

昭和四年九月 日 附錄 低氣壓經路 北太平洋天氣圖 第 號

昭和五年四月十六日發行
昭和五年四月十四日印刷

不許複製

印刷所　海洋氣象臺
印刷者
發行兼　海洋氣象臺
神戸市中山手通七丁目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