北太平洋天氣圖

昭和六年八月

神戶

海洋氣象臺

DAILY WEATHER CHARTS

OF THE

NORTH PACIFIC OCEAN.

AUGUST

1931

THE IMPERIAL MARINE OBSERVATORY,

KOBE, JAPAN.

寄贈
74. 4
帝國圖書館

十

發行人　發行所
印刷人　販賣所

神戸市中山手通七丁目

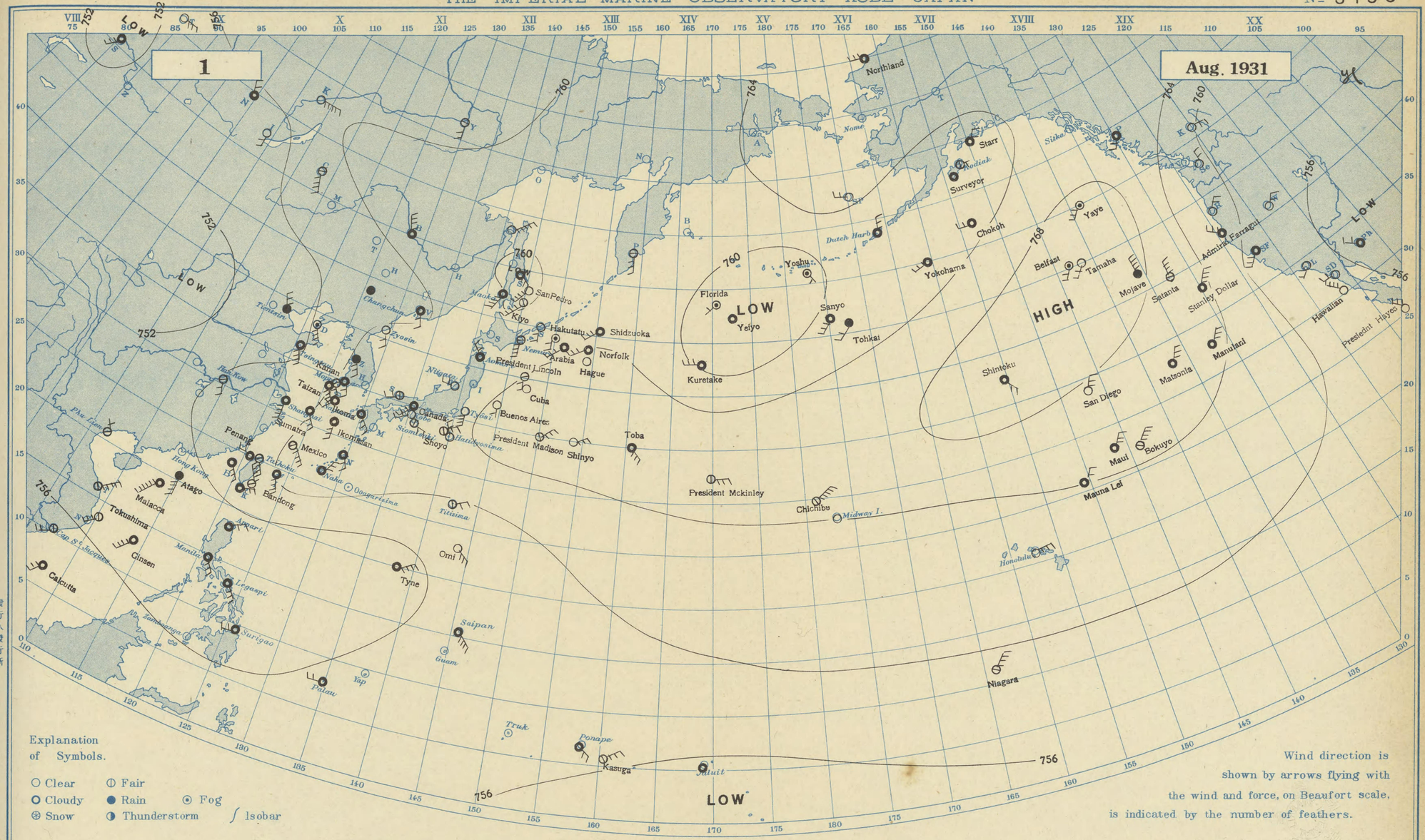
海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3135



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 scale, is indicated by the number of feathers.

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	760.9	762.9	762.8	762.4	763.8	763.6	759.6	762.5	762.4	762.1	760.5	761.6	760.1	758.4	753.1	755.9
Air Temperature (in C)	34.7	31.1	27.8	28.8	29.5	27.4	28.2	32.2	28.6	22.8	19.7	17.3	28.4	24.3	23.1	22.8	24.0
Direction and Force of Winds (0-12)	SE 3	NE 3	SE 3	ESE 2	SW 3	S 4	NNW 2	ENE 2	W 2	NW 2	S 4	SSW 4	SSE 2	SSE 2	- 1	NNW 3	SSE 4
Weather	fair	cloudy	cloudy	fair	cloudy	clear	clear	fair	clear	cloudy	fair	cloudy	cloudy	clear	rain	rain	cloudy

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Saipan 12h, 135E	Palau 12h, 135E	Truk 7h,	Ponape 12h, 135E	Jaluit 8h,	Hongkong 10h,	Manila 14h	Phu-Lien 10h,	Surigao 13h,	Yap 13h,	Honolulu Midnight G.M.T.	Midway I. Midnight G.M.T.	Nome 14h, 165W	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.)	758.4	756.1	756.7	756.6	-	757.1	756.9	-	* 755.8	* 755.0	* 755.3	* -	761.5	764.0	-	763.0	761.5
Air Temperature (in C)	31.5	34.1	29.7	28.7	-	26.9	28.0	-	28.0	31.0	29.0	-	24.0	-	-	11.0	13.0
Direction and Force of Winds (0-12)	S 4	SSE 2	SE 4	W 2	-	SE 2	calm	-	SE 3	NW 1	W 2	-	E 3	calm	-	N 3	E 1
Weather	cloudy	fair	cloudy	cloudy	-	cloudy	cloudy	-	cloudy	fair	cloudy	-	clear	clear	-	cloudy	fair

発行人 印刷人 神戸市中山手通七丁目 海洋氣象臺

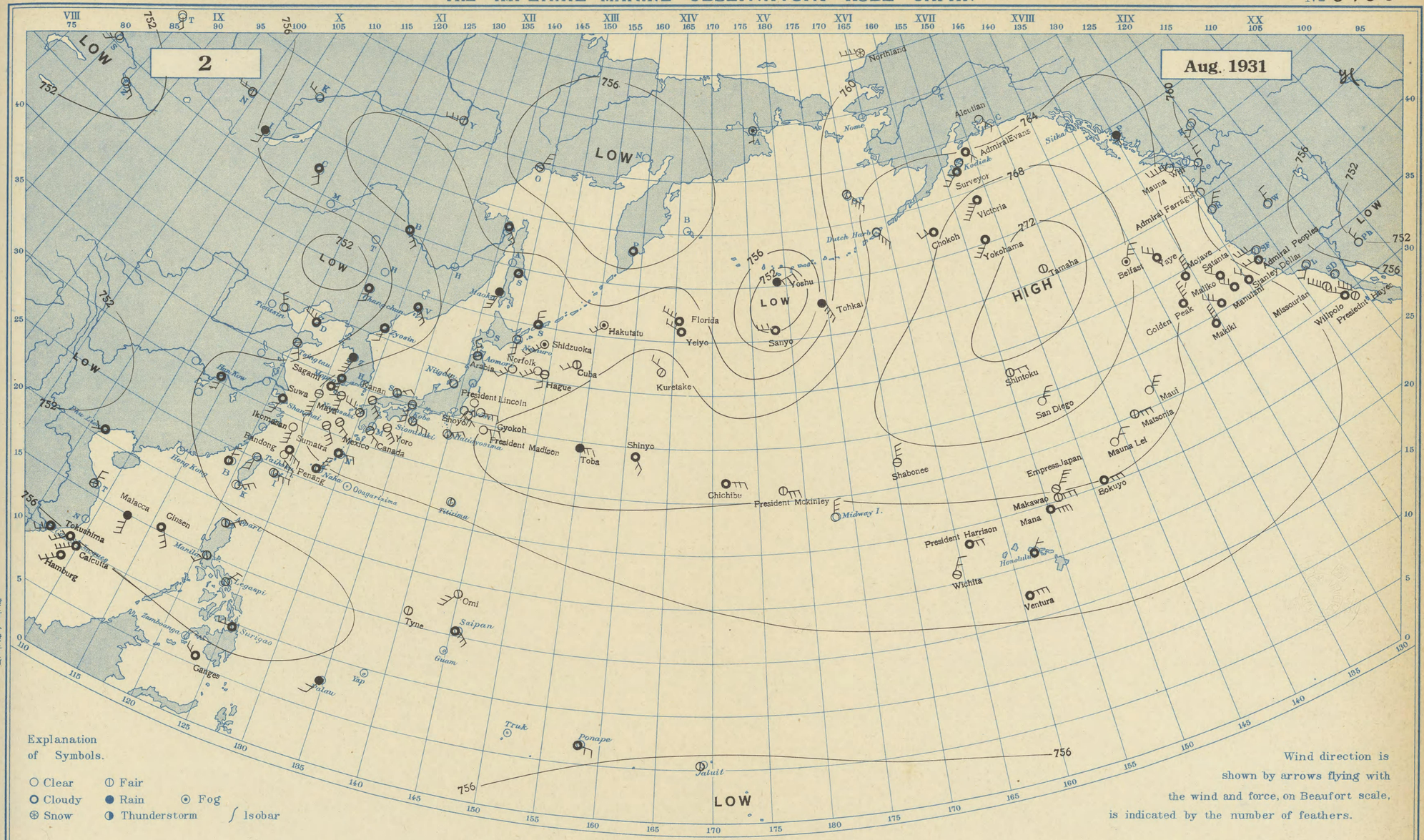
昭和六年八月一日 北太平洋天氣圖 第五三一三號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3136



Station / Hour of Observation	Taihoku 12h, 135E	Naha 12h, 135E	Nagasaki 12h, 135 E	Siomisaki 12h, 135 E	Kôbe 12h, 135E	Tyôsi 12h, 135E	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, 135E	Changchun 12h, 135 E	Tientsin 12h, 135 E	Tsingtau 12h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr. / * not reduced to Strd. Gr.)	758.3	759.6	761.9	763.1	762.5	764.3	763.8	760.2	762.6	762.4	761.7	760.9	760.4	758.7	752.7	754.8	755.4
Air Temperature (in C)	33.9	31.0	29.5	28.0	30.0	27.5	26.6	30.8	27.5	26.5	25.2	18.1	26.7	25.3	25.1	29.2	25.4
Direction and Force of Winds (0-12)	S 2	NE 4	WNW 3	ESE 3	S 3	ESE 3	ENE 3	- 1	NW 2	NNW 2	S 2	SSW 4	S 4	S 2	S 2	NW 2	SSE 2
Weather	clear	cloudy	fair	fair	fair	clear	fair	fair	clear	fair	clear	rain	cloudy	cloudy	cloudy	clear	fair

Station / Hour of Observation	Shanghai 12h, 135 E	Hankow 12h, 135 E	Saipan 12h, 135 E	Palau 12h, 135 E	Truk 7h,	Ponape 12h, 135 E	Jaluit 8h,	Hongkong 10h,	Manila 14h	Phu-Lien 10h,	Surigao 13h,	Yap 13,	Honolulu Midnight G.M.T.	Midway I. Midnight G.M.T.	Nome 14h, 165W	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.)	758.3	756.7	757.8	757.1	-	757.3	757.0	-	* 754.7	* 752.8	* 754.9	* -	761.0	763.0	-	762.0	764.5
Air Temperature (in C)	32.0	33.3	28.9	28.6	-	28.9	28.2	-	33.0	29.0	29.0	-	23.0	-	-	16.0	13.0
Direction and Force of Winds (0-12)	SSW 3	S 2	SE 3	SSW 2	-	ESE 2	calm	-	SW 2	WSW 1	W 2	-	NE 1	N 3	-	SE 4	calm
Weather	cloudy	cloudy	cloudy	rain	-	cloudy	fair	-	fair	cloudy	cloudy	-	cloudy	clear	-	clear	clear

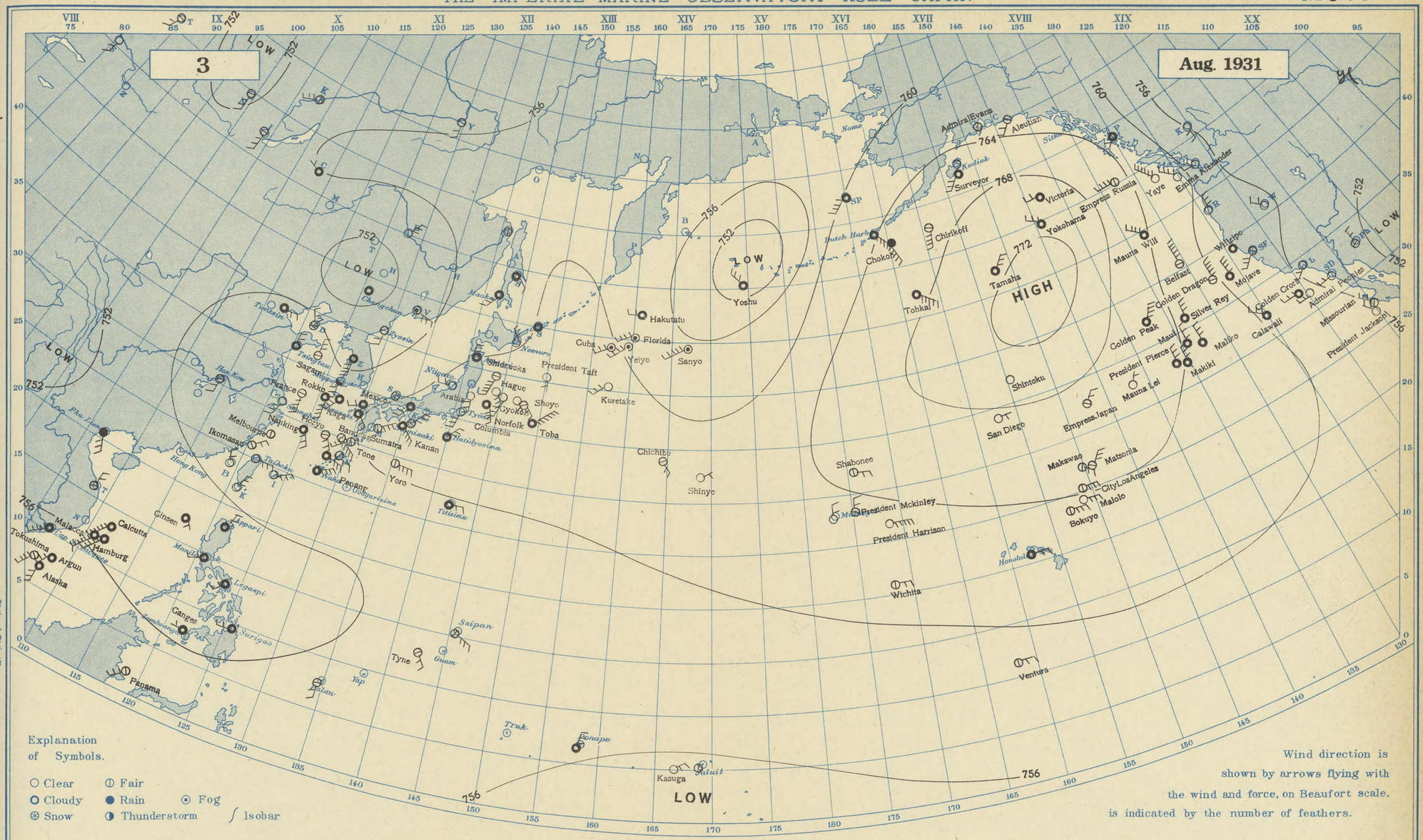
發行人 發行所 印刷人 販賣所 神戸市中山手通七丁目 海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3137



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.)	756.7	757.6	760.6	761.7	761.1	762.2	761.8	759.4	760.6	760.0	759.8	758.2	758.2	752.8	751.8	756.9	756.1
(* not reduced to Strd. Gr.)																	
Air Temperature (in C)	34.6	31.1	28.6	27.4	29.8	27.3	26.2	30.1	29.8	28.9	21.8	19.7	23.7	24.0	19.6	28.0	26.0
Direction and Force of Winds (0-12)	E 3	ENE 4	SE 3	NE 3	SW 2	SSW 3	NE 3	E 2	W 2	N 2	NNW 2	SW 3	S 3	S 2	- 1	E 2	N 2
Weather	clear	cloudy	cloudy	fair	cloudy	clear	cloudy	cloudy	clear	cloudy	clear	cloudy	th.s	fair	cloudy	cloudy	cloudy

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Saipan 12h, 135E	Palau 12h, 135E	Truk 7h,	Ponape 12h, 135E	Jaluit 8h,	Hongkong 10h,	Manila 14h	Phu-Lien 10h,	Surigao 15h,	Yap 15h,	Honolulu Midnight G.M.T.	Midway I. Midnight G.M.T.	Nome 14h, 165W	Dutch Harbor Midnight G.M.T.	Kodiak Midnight G.M.T.
Atm. Pressure (Red. to m.s.l. and Strd Gr.)	757.3	757.1	757.5	756.8	-	756.6	757.3	-	* 755.4	* 754.4	* 754.6	* -	762.0	761.5	-	764.0	764.5
(* not roduced to Strd Gr.)																	
Air Temperature (in C)	32.3	34.5	29.6	30.3	-	30.0	28.3	-	30.0	24.0	31.0	-	26.0	-	-	12.0	21.0
Direction and Force of Winds (0-12)	SSW 3	S 2	ESE 3	S 2	-	NNE 3	calm	-	WSW 2	SE 3	W 2	-	E 2	N 2	-	SE 4	calm
Weather	clear	fair	fair	fair	-	cloudy	fair	-	cloudy	rain	cloudy	-	loudy	clear	-	cloudy	clear

印刷人 海洋氣象臺 神戸市中山手通七丁目 發行人 發行所

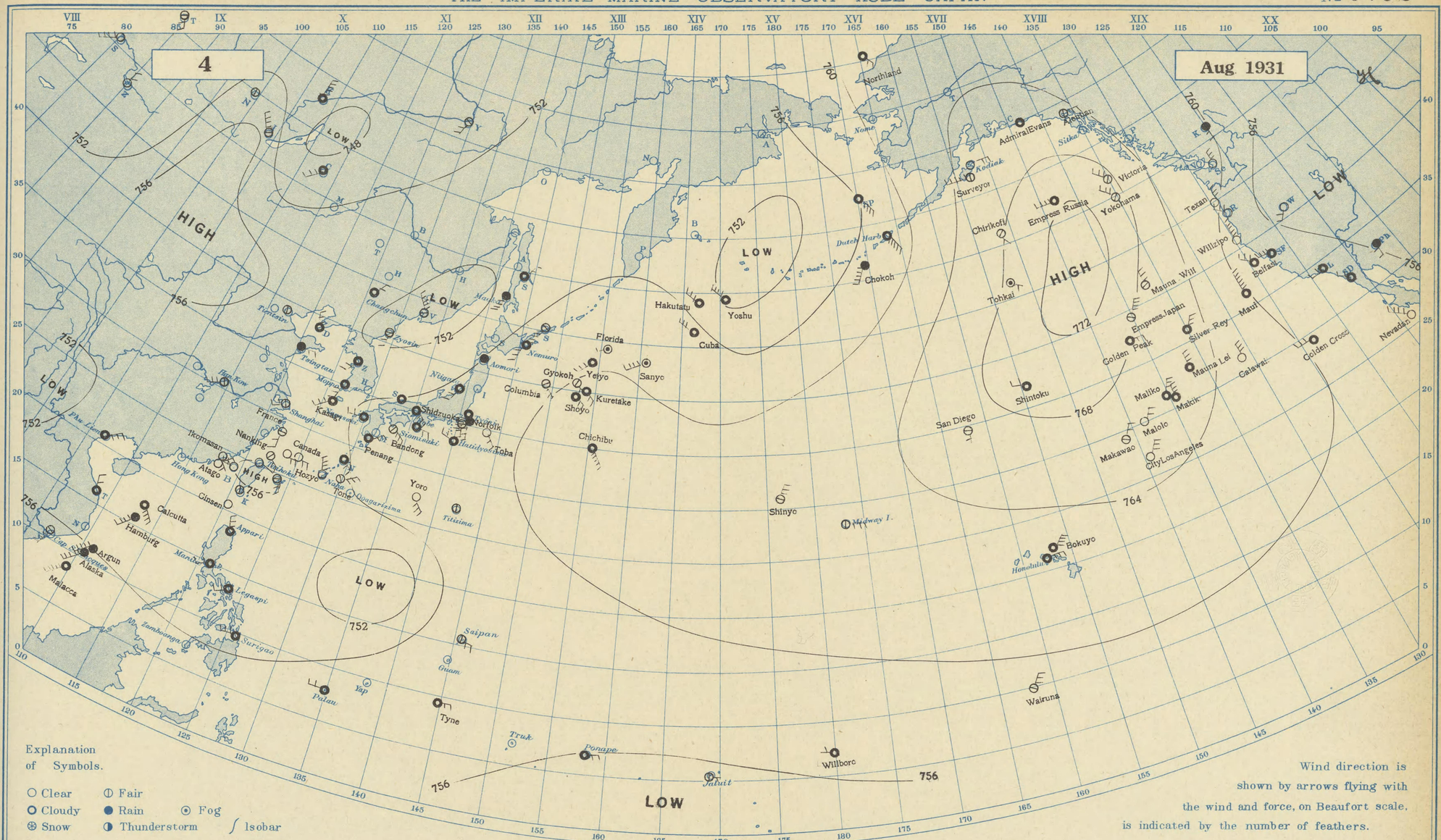
昭和六年八月三日 北太平洋天氣圖 第三一三七號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3138



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.)	755.9	755.6	757.3	758.4	757.9	758.3	758.8	758.5	756.3	756.0	756.8	752.4	755.5	750.6	753.2	755.4	754.9
Air Temperature (in C)	33.6	30.2	29.5	28.5	27.8	26.7	27.7	30.1	28.0	23.7	20.1	22.3	24.9	23.4	23.5	28.0	21.2
Direction and Force of Winds (0-12)	- 1	NNW 4	W 2	ESE 2	SE 2	SSW 4	WNW 2	- 1	SW 2	- 1	SSW 3	SSW 4	SSW 3	S 2	NE 2	- 1	E 2
Weather	clear	clear	cloudy	cloudy	cloudy	cloudy	cloudy	fair	cloudy	rain	cloudy	rain	cloudy	fair	cloudy	fair	rain

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Saipan 12h, 135E	Palau 12h, 135E	Truk 7h,	Ponape 12h, 135E	Jaluit 8h,	Hongkong 10h,	Manila 14h	Phu-Lien 10h,	Surigao 13h,	Yap 13h,	Honolulu Midnight G.M.T.	Midway I. Midnight G.M.T.	Nome 14h, 165W	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.)	754.5	754.4	756.6	757.1	-	755.9	756.8	-	* 754.5	*753.4	*754.7	* -	762.5	761.5	-	758.4	765.0
Air Temperature (in C)	33.5	33.7	29.2	29.2	-	30.8	29.7	-	31.0	26.0	25.0	-	26.0	-	-	12.0	17.0
Direction and Force of Winds (0-12)	WSW 2	WSW 3	ESE 2	W 2	-	E 2	E 1	-	WSW 2	NE 3	W 3	-	E 3	E 3	-	SE 5	E 2
Weather	fair	fair	fair	cloudy	-	cloudy	fair	-	cloudy	cloudy	cloudy	-	cloudy	fair	-	cloudy	clear

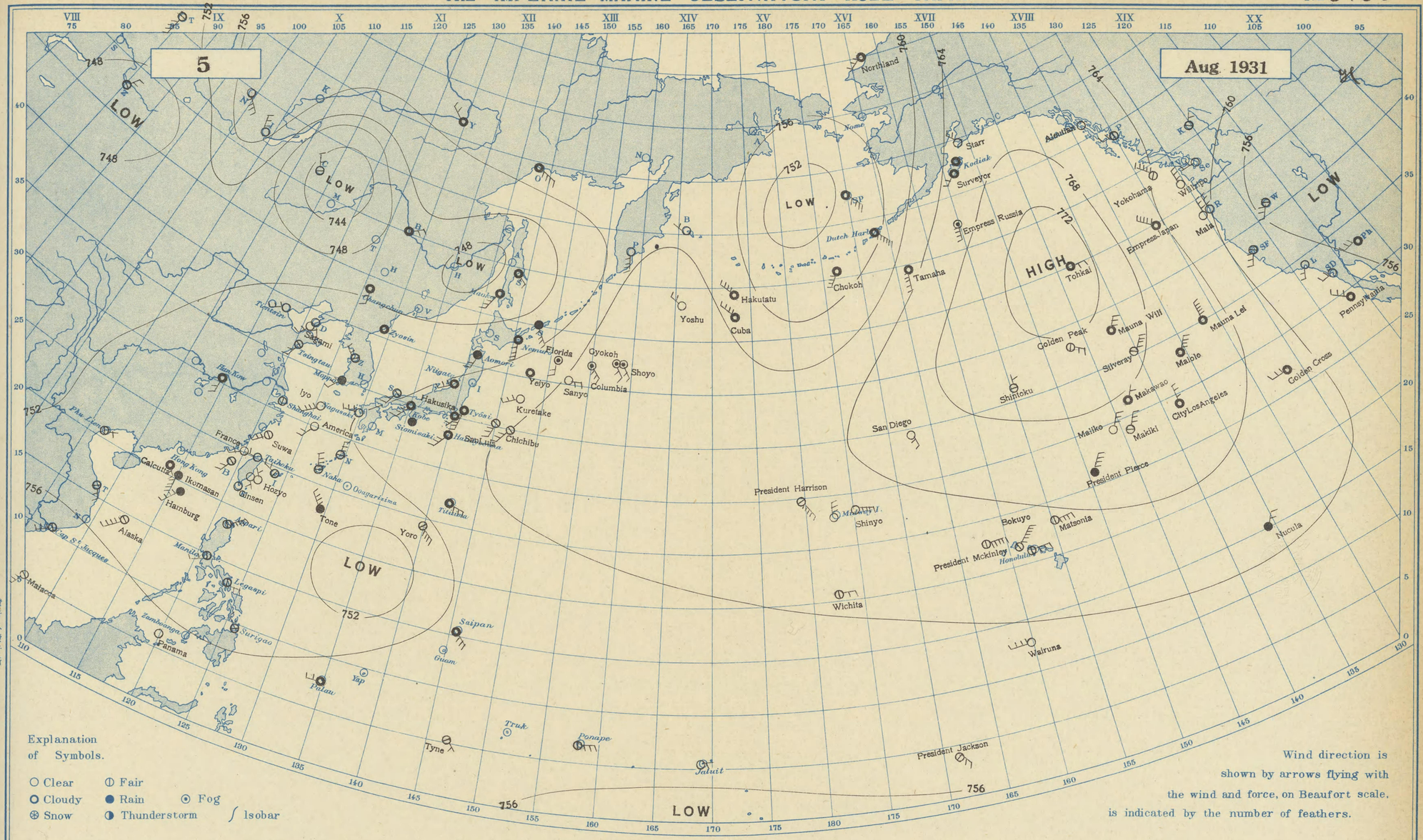
發行人發行所 印刷人販賣所 神戸市中山手通七丁目 海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№3139



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 scale, is indicated by the number of feathers.

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.)	755.1	755.4	756.3	758.1	757.3	757.5	759.2	758.3	756.8	754.8	755.3	749.5	754.3	754.4	751.5	753.1	754.8
* not reduced to Strd. Gr.																	
Air Temperature (in C)	32.7	30.4	30.4	24.8	30.4	27.0	27.6	28.8	29.2	24.0	17.9	17.3	25.5	23.5	26.5	29.4	24.8
Direction and Force of Winds (0-12)	W 2	NNW 4	W 3	- 1	SW 3	SSW 5	SW 3	ESE 3	WSW 3	SSW 2	S 4	SSW 4	SW 3	- 1	S 2	WSW 3	SSW 2
Weather	clear	fair	clear	rain	cloudy	cloudy	cloudy	cloudy	cloudy	rain	cloudy	cloudy	rain	cloudy	cloudy	clear	fair

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Saipan 12h, 135E	Palau 12h, 135E	Truk 7h,	Ponape 12h, 135E	Jaluit 8h,	Hongkong 10h,	Manila 14h	Phu-Lien 10h,	Surigao 13h,	Yap 15h,	Honolulu Midnight G.M.T.	Midway I. Midnight G.M.T.	Nome 14h, 165W	Dutch Harbor Midnight G.M.T.	Kodiak Midnight G.M.T.
Atm. Pressure (Red. to m.s.l. and Strd Gr.)	754.6	753.3	756.3	756.8	-	756.3	758.4	-	* 755.6	*753.6	*754.5	* -	762.0	763.0	-	755.4	767.1
* not reduced to Strd Gr.)																	
Air Temperature (in C)	32.8	30.9	28.4	27.8	-	31.1	30.6	-	33.0	29.0	31.0	-	26.0	-	-	12.0	16.0
Direction and Force of Winds (0-12)	calm	S 2	SE 3	W 2	-	E 3	E 1	-	WSW 2	ENE 1	NW 2	-	E 3	N 3	-	SE 6	calm
Weather	fair	cloudy	cloudy	cloudy	-	fair	fair	-	fair	fair	fair	-	fair	clear	-	cloudy	cloudy

印刷人 眞喜志 所 神戸市中山手通七丁目 海洋氣象臺 発行人 発行所

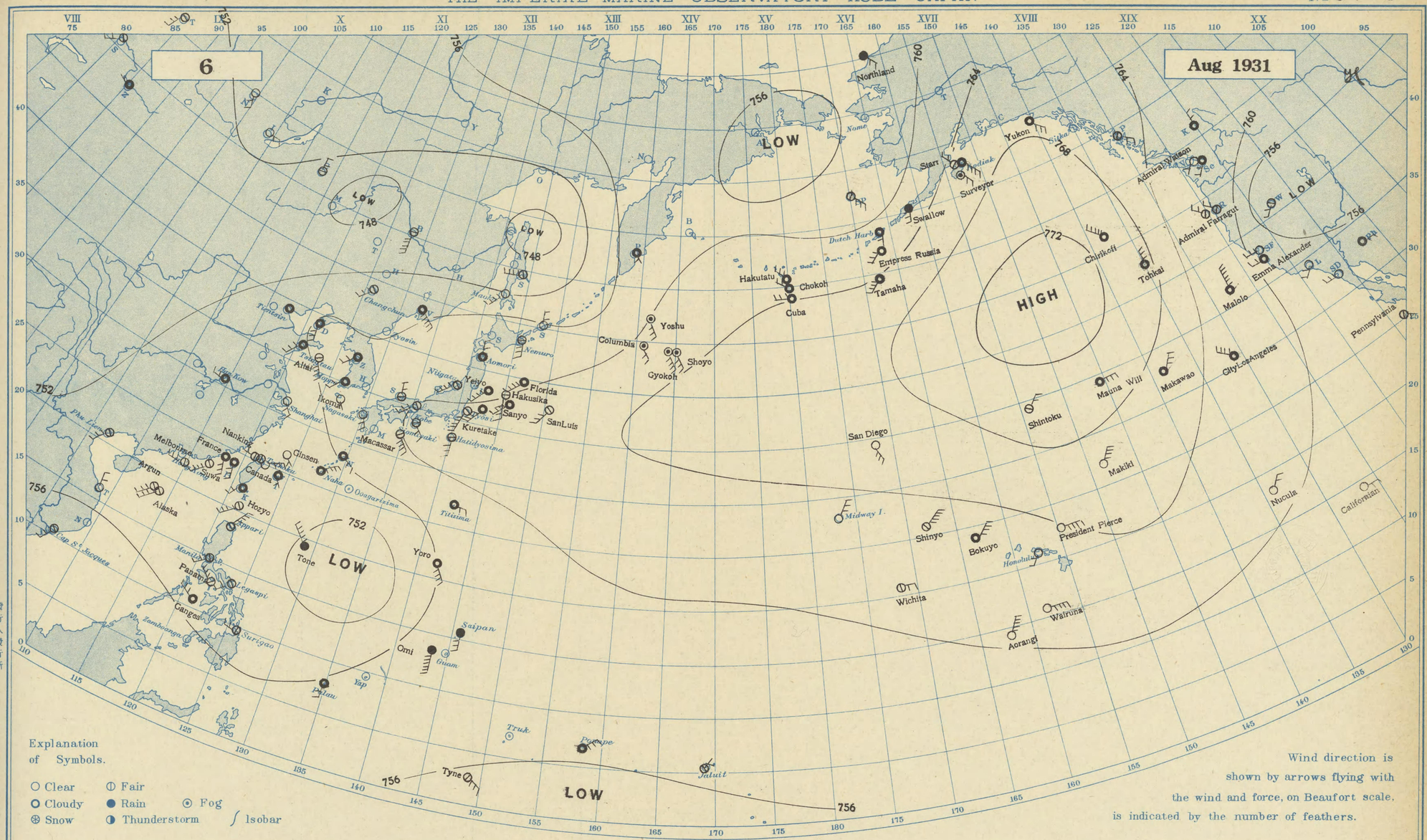
昭和六年八月五日 北太平洋天氣圖 第三一三九號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3140



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 scale, is indicated by the number of feathers.

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.)	755.3	755.2	758.7	760.6	760.2	760.1	761.7	758.8	759.5	758.0	756.7	754.0	757.8	755.7	752.6	755.4	755.4
Air Temperature (in C)	32.5	31.2	29.8	29.0	31.8	27.8	28.8	30.0	30.5	23.8	23.5	20.0	28.9	23.6	27.0	31.4	22.8
Direction and Force of Winds (0-12)	- 1	ENE 4	SSE 2	SE 2	SW 3	SSW 5	S 3	E 2	SW 4	N 2	S 3	SSW 4	SSW 2	- 1	SW 3	- 1	SSW 3
Weather	fair	cloudy	clear	fair	fair	fair	fair	cloudy	fair	cloudy	fair	clear	cloudy	clear	fair	cloudy	cloudy

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Saipan 12h, 135E	Palau 12h, 135E	Truk 7h,	Ponape 12h, 135E	Jaluit 8h,	Hongkong 10h,	Manila 14h	Phu-Lien 10h,	Surigao 13h,	Yap 13h,	Honolulu Midnight G.M.T.	Midway I. Midnight G.M.T.	Nome 14h, 165W	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.)	754.6	752.8	757.0	756.1	-	756.2	758.4	-	* 755.2	* 753.9	* 754.1	* -	761.5	763.0	-	762.5	765.0
Air Temperature (in C)	30.8	29.7	27.1	29.3	-	30.8	30.7	-	33.0	31.0	31.0	-	24.0	-	-	13.0	13.0
Direction and Force of Winds (0-12)	SE 2	W 2	S 3	S 2	-	ENE 3	ENE 1	-	WSW 2	SSW 3	W 2	-	SW 2	NE 3	-	S 2	SE 4
Weather	clear	cloudy	rain	cloudy	-	cloudy	fair	-	fair	fair	fair	-	clear	clear	-	cloudy	cloudy

発行人 印刷人 神戸市中山手通七丁目 海洋氣象臺

昭和六年八月六日

北太平洋天氣圖

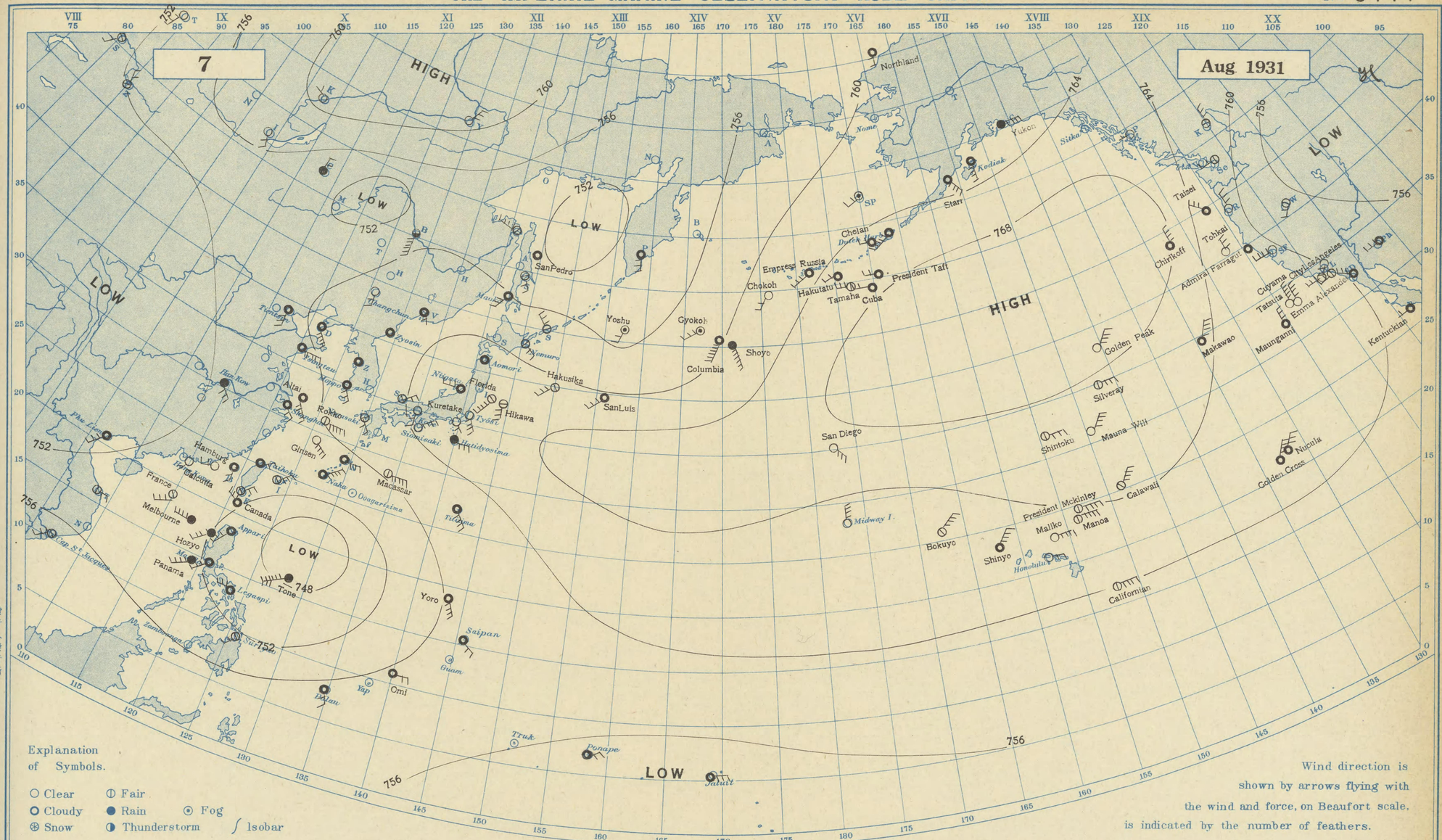
第三一四〇號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3141



Explanation of Symbols.

○ Clear ◐ Fair ⊙ Fog
● Cloudy ● Rain
⊛ Snow ◑ Thunderstorm ∫ Isobar

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

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.)	752.7	753.3	758.4	760.9	760.4	762.0	761.8	758.5	761.1	764.1	757.6	756.6	758.2	759.3	756.4	755.4	754.5
Air Temperature (in C)	33.3	30.9	31.2	27.5	32.6	29.6	28.0	28.2	30.0	26.1	25.4	18.3	30.2	24.9	28.3	30.0	24.5
Direction and Force of Winds (0-12)	ENE 2	ENE 5	SE 2	ENE 4	S 2	SSE 4	E 3	SE 4	W 3	calm	ESE 2	SSW 3	SSE 3	- 1	S 2	S 3	E 5
Weather	cloudy	cloudy	fair	clear	clear	clear	rain	cloudy	cloudy	cloudy	fair	cloudy	cloudy	cloudy	clear	cloudy	cloudy

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Saipan 12h, 135E	Palau 12h, 135E	Truk 7h,	Ponape 12h, 135E	Jaluit 8h,	Hongkong 10h,	Manila 14h	Phu-Lien 10h,	Surigao 15h,	Yap 13h,	Honolulu Midnight G.M.T.	Midway I. Midnight G.M.T.	Nome 14h, 165W	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.)	753.9	752.1	756.6	756.3	-	754.9	757.0	-	* 752.4	*751.5	*752.3	* -	761.0	762.5	-	762.0	762.0
Air Temperature (in C)	30.5	27.2	28.5	28.2	-	30.4	27.4	-	33.0	30.0	32.0	-	24.0	-	-	13.0	12.0
Direction and Force of Winds (0-12)	ESE 2	ESE 3	ESE 2	SSE 2	-	ENE 2	E 3	-	SW 3	SSW 3	SW 2	-	E 2	N 4	-	SW 5	S 4
Weather	cloudy	rain	cloudy	cloudy	-	cloudy	cloudy	-	cloudy	cloudy	fair	-	clear	clear	-	cloudy	cloudy

發行人 發行所 印刷人 印刷所 神戸市中山手通七丁目 海洋氣象臺

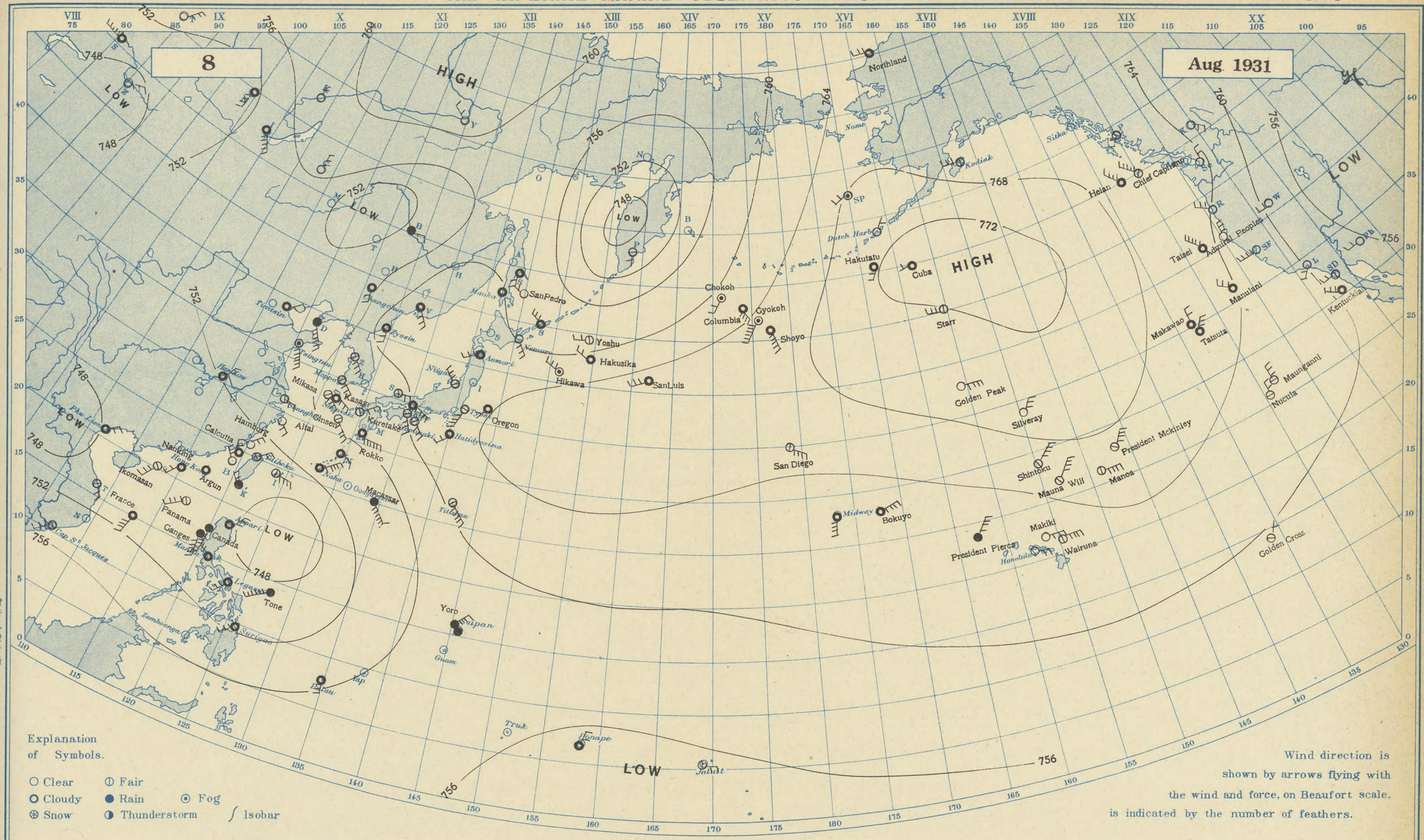
昭和六年 八月 七日 北太平洋天氣圖 第三一四一號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3142



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 scale, is indicated by the number of feathers.

Station / Hour of Observation	Taihoku 12h, 135E	Naha 12h, 135E	Nagasaki 12h, 135 E	Siomisaki 12h, 135 E	Kôbe 12h, 135E	Tyôsi 12h, 135E	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, 135E	Changchun 12h, 135 E	Tientsin 12h, 135 E	Tsingtau 12h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr. / * not reduced to Strd. Gr.)	751.2	752.2	757.7	761.4	760.2	763.0	763.2	760.5	762.0	762.6	759.6	760.7	757.3	760.6	756.0	753.7	753.8
Air Temperature (in C)	34.2	31.1	31.8	28.7	32.7	27.6	28.7	29.2	30.0	27.1	23.3	16.7	30.5	23.4	25.0	26.0	24.6
Direction and Force of Winds (0-12)	NE 2	ENE 5	ENE 3	ESE 3	ESE 4	SSW 4	SW 2	ESE 5	NNW 3	WSW 3	SE 3	- 1	ESE 3	S 2	S 2	ENE 2	SSE 6
Weather	fair	cloudy	fair	fair	cloudy	fair	cloudy	fair	fair	cloudy	clear	cloudy	fair	cloudy	cloudy	cloudy	fog

Station / Hour of Observation	Shanghai 12h, 135 E	Hankow 12h, 135 E	Saipan 12h, 135 E	Palau 12h, 135 E	Truk 7h,	Ponape 12h, 135 E	Jaluit 8h,	Hongkong 10h,	Manila 14h	Phu-Lien 10h,	Surigao 13h,	Yap 13h,	Honolulu Midnight G.M.T.	Midway I. Midnight G.M.T.	Nome 14h, 165W	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.)	754.0	752.0	756.5	755.8	-	754.7	757.0	-	* 752.2	* 748.3	* 752.5	* -	761.5	762.0	-	770.6	765.5
Air Temperature (in C)	31.2	26.3	25.6	29.1	-	27.1	27.5	-	30.0	31.0	31.0	-	24.0	-	-	16.0	20.0
Direction and Force of Winds (0-12)	E 2	NNE 2	- 1	S 3	-	NNE 2	E 2	-	WNW 2	ENE 2	SW 3	-	E 2	S 4	-	NE 1	W 3
Weather	fair	cloudy	rain	cloudy	-	cloudy	fair	-	cloudy	cloudy	cloudy	-	clear	cloudy	-	clear	fair

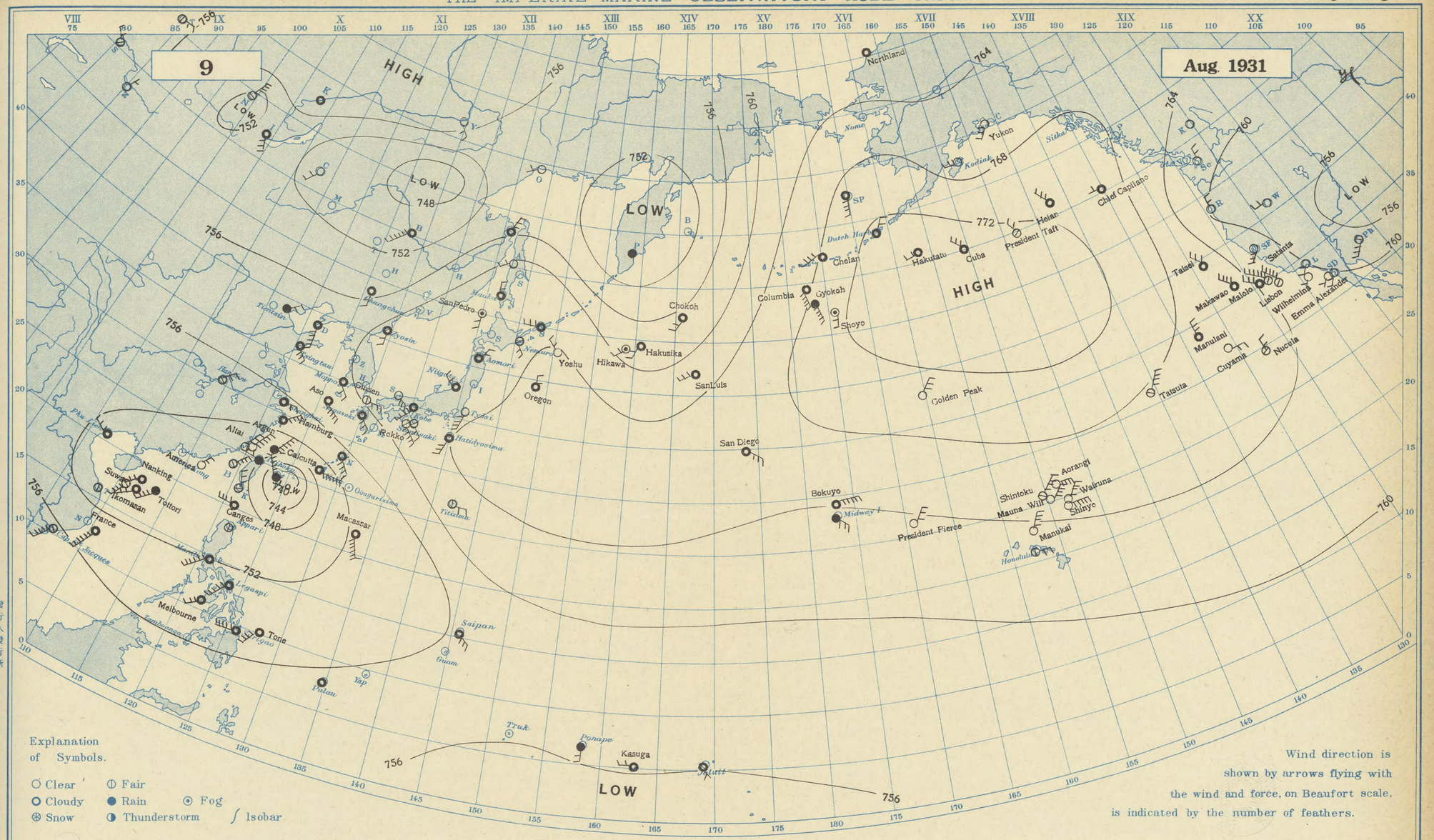
發行人 發行所
印刷人 販賣所
神戸市中山手通七丁目
海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№3143



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.)	750.6	748.9	759.4	763.6	763.2	762.7	764.1	761.7	762.9	763.1	763.3	762.2	759.4	760.3	755.8	757.1	757.6
Air Temperature (in C)	27.6	31.1	30.9	29.1	32.0	29.4	29.4	30.9	29.0	26.2	22.0	17.5	31.5	24.8	25.7	26.8	25.4
Direction and Force of Winds (0-12)	W 2	E 7	ESE 3	SE 2	SW 4	SSW 4	SSW 3	E 2	WNW 2	NNE 2	SE 2	N 2	SE 2	S 2	S 2	ENE 2	SE 3
Weather	rain	cloudy	cloudy	fair	cloudy	clear	cloudy	fair	cloudy	cloudy	fair	cloudy	cloudy	cloudy	cloudy	rain	cloudy

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Saipan 12h, 135E	Palau 12h, 135E	Truk 7h,	Ponape 12h, 135E	Jaluit 8h,	Hongkong 10h,	Manila 14h	Phu-Lien 10h,	Surigao 13h,	Yap 13h,	Honolulu Midnight G.M.T.	Midway I. Midnight G.M.T.	Nome 14h, 165W	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.)	755.1	754.1	756.2	757.4	-	756.4	757.4	-	* 752.7	*751.5	*754.3	* -	762.0	762.5	-	773.2	767.6
Air Temperature (in C)	31.0	31.4	27.4	29.1	-	26.6	27.5	-	29.0	26.0	31.0	-	24.0	-	-	12.0	21.0
Direction and Force of Winds (0-12)	E 2	ENE 2	SE 3	- 1	-	S 2	SE 1	-	SW 6	WNW 3	W 5	-	E 2	SE 3	-	NE 2	W 3
Weather	cloudy	fair	cloudy	cloudy	-	rain	cloudy	-	cloudy	cloudy	cloudy	-	fair	rain	-	cloudy	clear

印刷人 神戸市中山手通七丁目 海洋氣象臺
發行人 發行所

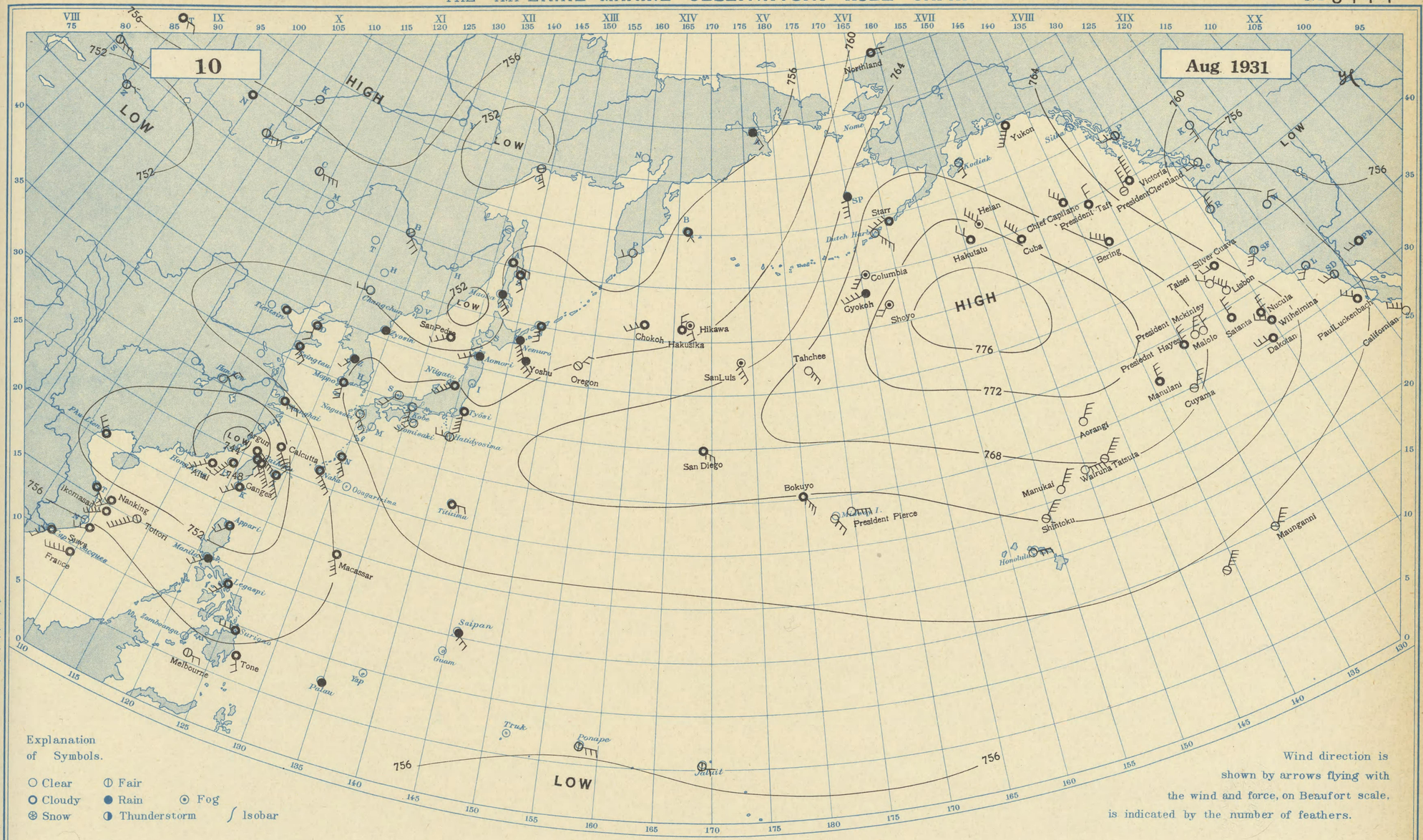
昭和六年八月九日　北太平洋天氣圖　第三四一三號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 3144



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.)	746.7	755.6	760.6	762.0	761.5	759.7	762.2	761.1	760.3	757.0	757.8	754.8	759.7	756.5	755.9	758.2	758.2
* not reduced to Strd. Gr.																	
Air Temperature (in C)	28.3	29.7	31.6	28.7	31.2	27.2	28.5	31.0	31.0	25.0	16.0	16.0	30.4	22.0	27.5	28.1	26.4
Direction and Force of Winds (0-12)	SE 2	ESE 5	SE 3	SW 2	S 3	S 5	W 2	E 2	SW 5	WSW 3	SSE 4	SE 4	S 3	- 1	W 2	- 1	ESE 3
Weather	cloudy	cloudy	clear	clear	clear	cloudy	fair	cloudy	cloudy	rain	rain	rain	cloudy	rain	clear	cloudy	cloudy

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Saipan 12h, 135E	Palau 12h, 135E	Truk 7h,	Ponape 12h, 135E	Jaluit 8h,	Hongkong 10h,	Manila 14h	Phu-Lien 10h,	Surigao 13h,	Yap 15h,	Honolulu Midnight G.M.T.	Midway I. Midnight G.M.T.	Nome 14h, 165W	Dutch Harbor Midnight G.M.T.	Kodiak Midnight G.M.T.
Atm. Pressure (Red. to m.s.l. and Strd Gr.)	753.7	752.9	756.5	758.3	-	756.3	758.2	-	* 753.6	* 751.5	* 755.5	* -	762.5	762.5	-	769.6	767.1
* not reduced to Strd Gr.																	
Air Temperature (in C)	30.1	33.6	26.7	25.4	-	30.5	30.1	-	27.0	27.0	30.0	-	26.0	-	-	20.0	19.0
Direction and Force of Winds (0-12)	E 3	NE 3	SE 3	calm	-	E 3	E 1	-	SW 3	NW 3	W 3	-	E 3	SE 3	-	SE 4	S 2
Weather	cloudy	clear	rain	rain	-	fair	fair	-	rain	cloudy	cloudy	-	clear	clear	-	clear	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

昭和六年八月一日〇

北太平洋天氣圖

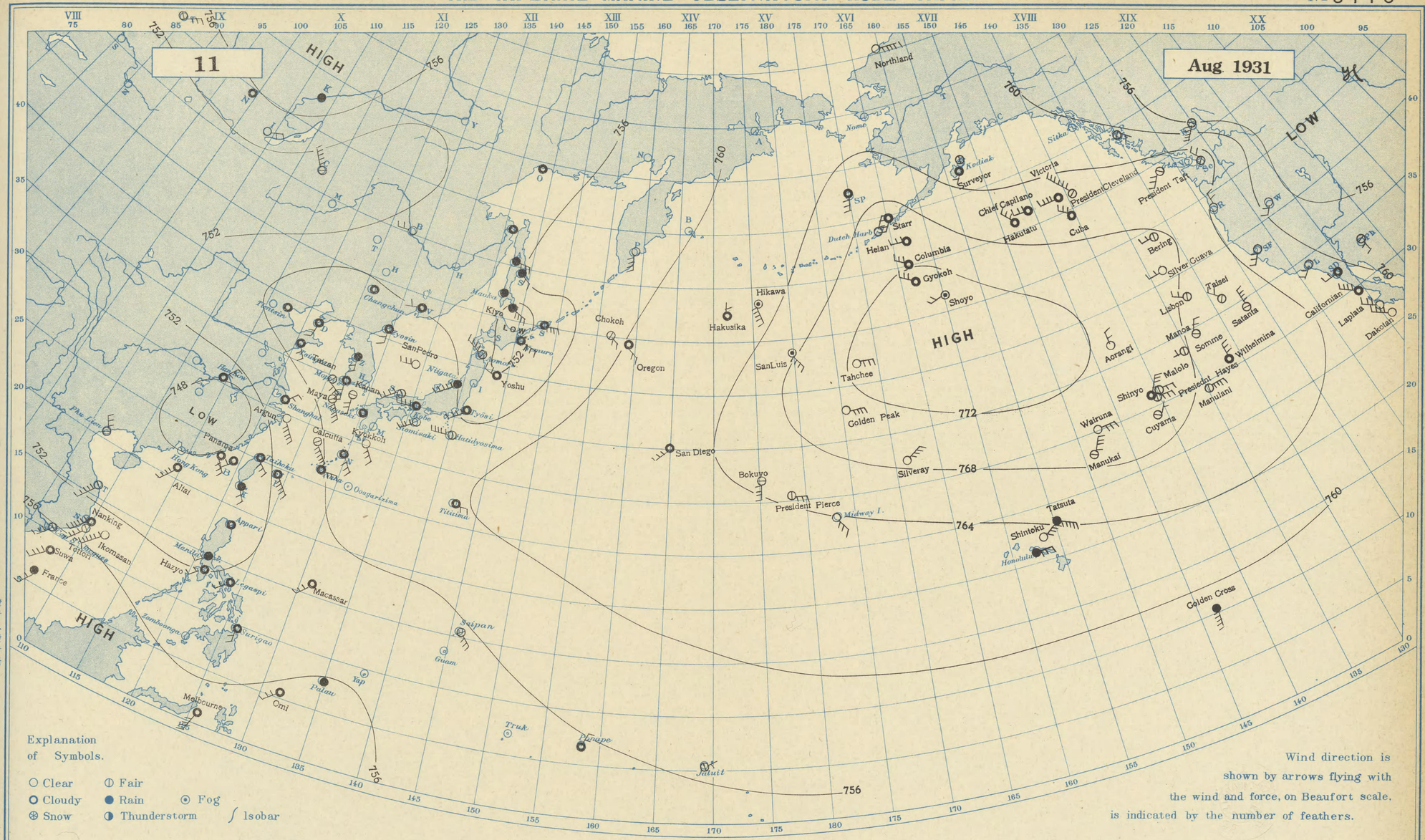
第三一四四號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 3145



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 scale, is indicated by the number of feathers.

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.)	750.9	755.9	759.9	758.8	758.8	755.7	759.1	759.8	756.5	752.8	752.0	752.9	758.9	757.2	756.3	756.2	756.9
Air Temperature (in C)	30.4	30.2	30.9	28.5	30.5	26.6	28.6	30.1	25.1	25.8	14.3	17.8	29.5	28.1	28.5	29.2	26.0
Direction and Force of Winds (0-12)	ESE 3	E 4	- 1	WSW 4	W 4	SW 4	W 5	E 2	SW 5	WNW 4	ESE 3	- 1	S 3	S 2	- 1	- 1	SE 2
Weather	cloudy	cloudy	cloudy	clear	cloudy	cloudy	fair	cloudy	rain	fair	cloudy	rain	cloudy	cloudy	cloudy	cloudy	cloudy

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Saipan 12h, 135E	Palau 12h, 135E	Truk 7h,	Ponape 12h, 135E	Jaluit 8h,	Hongkong 10h,	Manila 14h	Phu-Lien 10h,	Surigao 13h,	Yap 13h,	Honolulu Midnight G.M.T.	Midway I. Midnight G.M.T.	Nome 14h, 165W	Dutch Harbor Midnight G.M.T.	Kodiak Midnight G.M.T.
Atm. Pressure (Red. to m.s.l. and Strd Gr.)	754.1	748.3	755.6	756.4	-	755.9	758.4	-	*752.3	*749.9	*754.1	* -	761.5	764.0	-	770.6	761.5
Air Temperature (in C)	30.4	30.9	29.0	27.8	-	30.4	30.2	-	25.0	30.0	28.0	-	24.0	-	-	19.0	18.0
Direction and Force of Winds (0-12)	NE 2	NE 4	SE 3	- 1	-	NE 2	ENE 1	-	WSW 2	NNW 3	S 2	-	E 3	SE 3	-	NE 3	calm
Weather	cloudy	cloudy	fair	rain	-	cloudy	fair	-	rain	fair	cloudy	-	rain	clear	-	clear	fair

發行人發行所 神戶市中山手通七丁目 海洋氣象臺 印刷人印刷所

昭和六年八月一日

北太平洋天氣圖

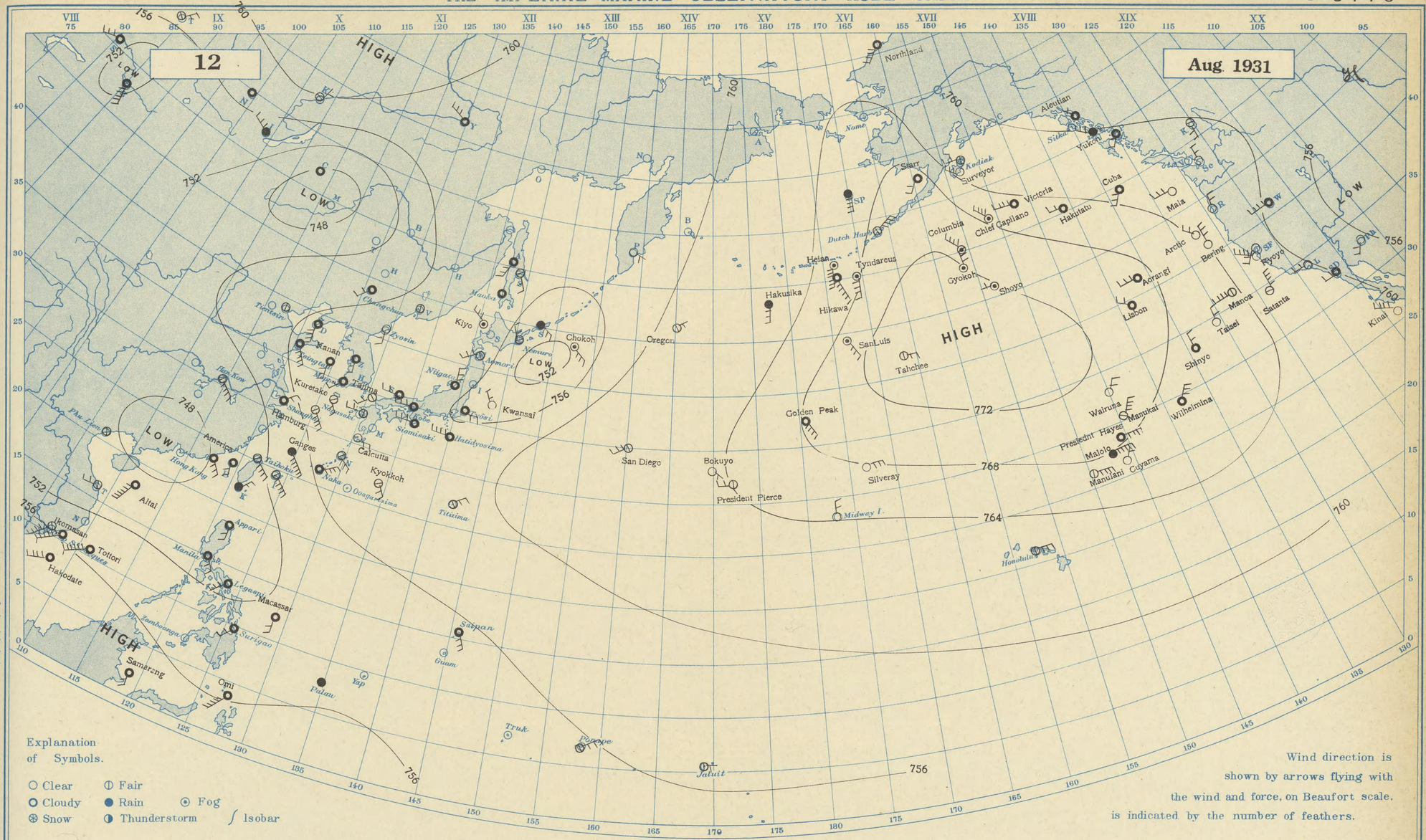
第一三四五號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№3146



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.)	750.4	756.4	759.3	757.4	757.8	755.9	757.5	759.3	757.7	757.1	754.9	756.8	758.8	756.7	753.5	753.8	756.3
Air Temperature (in C)	33.0	30.2	31.0	28.4	29.1	27.4	28.6	30.4	25.9	26.1	17.3	16.6	30.1	25.9	29.6	33.6	27.8
Direction and Force of Winds (0-12)	ESE 4	ENE 4	W 2	W 3	W 3	E 2	W 4	ENE 2	N 3	WSW 3	NNW 2	- 1	SW 2	S 2	SW 2	- 1	SSE 4
Weather	fair	cloudy	fair	cloudy	cloudy	cloudy	cloudy	fair	cloudy	fair	fair	cloudy	cloudy	clear	cloudy	fair	cloudy

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Saipan 12h, 135E	Palau 12h, 135E	Truk 7h,	Ponape 12h, 135E	Jaluit 8h,	Hongkong 10h,	Manila 14h	Phu-Lien 10h,	Surigao 13h,	Yap 13h,	Honolulu Midnight G.M.T.	Midway I. Midnight G.M.T.	Nome 14h, 165W	Dutch Harbor Midnight G.M.T.	Kodiak Midnight G.M.T.
Atm. Pressure (Red. to m.s.l. and Strd Gr.)	755.7	751.0	755.7	755.7	-	755.6	758.5	-	* 752.3	*748.2	*753.4	* -	761.5	764.0	-	771.1	762.5
Air Temperature (in C)	30.8	32.2	28.6	25.7	-	30.9	29.5	-	26.0	31.0	27.0	-	26.0	-	-	18.0	22.0
Direction and Force of Winds (0-12)	ENE 2	ESE 4	SSE 3	- 1	-	ENE 3	E 1	-	SSE 2	calm	SW 2	-	E 3	N 2	-	NE 4	W 2
Weather	cloudy	fair	cloudy	rain	-	fair	fair	-	cloudy	fair	cloudy	-	fair	clear	-	fair	fair

発行人発行所 神戸市中山手通七丁目 海洋氣象臺
印刷人販賣所

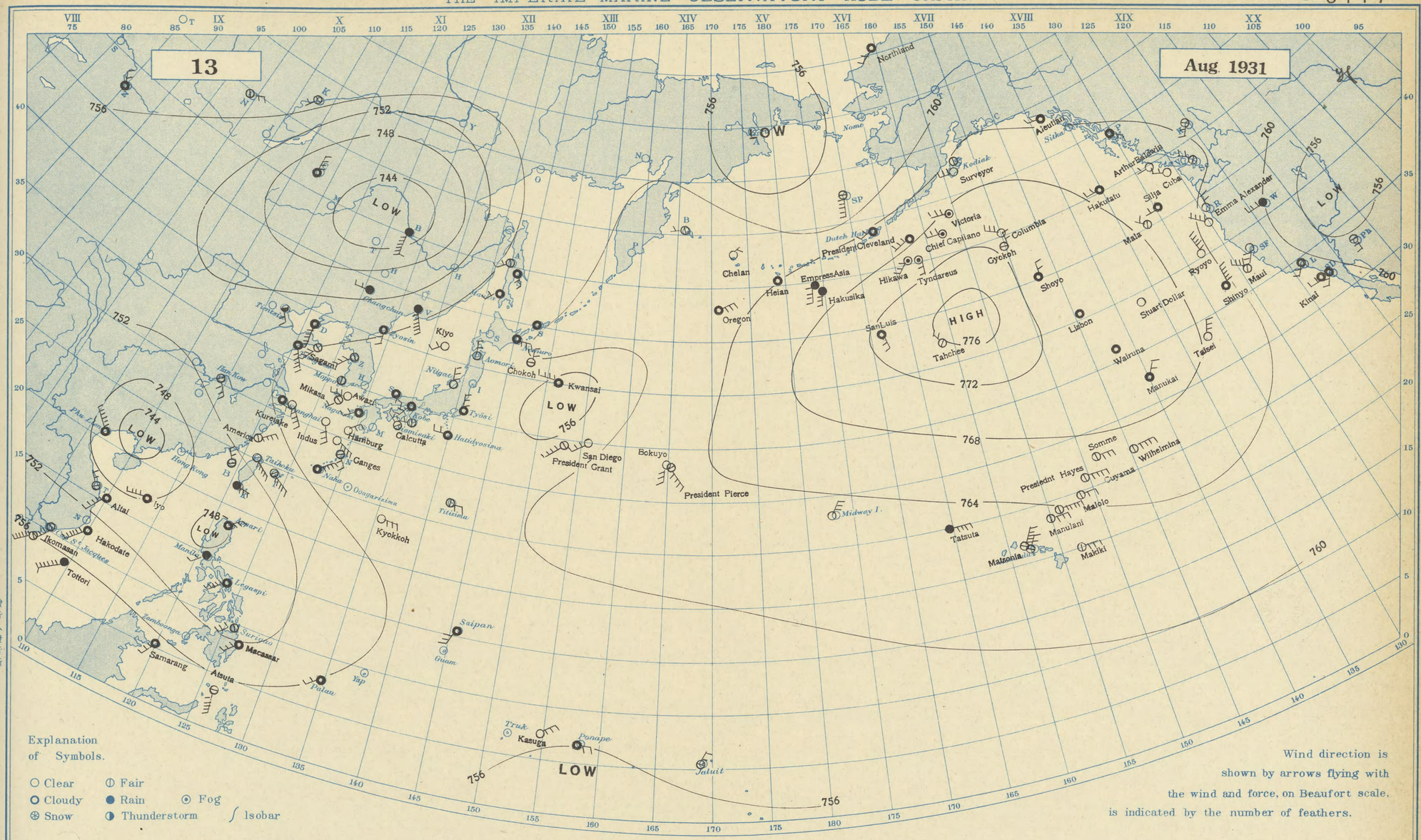
昭和六年八月一二日 北太平洋天氣圖 第三一四六號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 3147



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.)	752.3	756.6	758.5	756.9	757.9	757.4	757.9	758.6	758.3	758.3	759.7	758.2	758.5	755.0	749.7	752.9	755.1
Air Temperature (in C)	33.1	30.9	31.4	30.4	27.8	23.2	28.0	31.3	26.1	26.8	15.1	17.9	29.8	27.5	23.0	24.2	27.6
Direction and Force of Winds (0-12)	ESE 5	ENE 4	WSW 2	W 2	SSW 2	N 3	W 2	E 2	N 3	N 2	E 3	SW 2	- 1	S 2	W 2	SE 2	SSE 5
Weather	clear	cloudy	cloudy	fair	cloudy	cloudy	cloudy	fair	clear	clear	cloudy	cloudy	fair	cloudy	rain	th.s	cloudy

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Saipan 12h, 135E	Palau 12h, 135E	Truk 7h,	Ponape 12h, 135E	Jaluit 8h,	Hongkong 10h,	Manila 14h	Phu-Lien 10h,	Surigao 13h,	Yap 13h,	Honolulu Midnight G.M.T.	Midway I. Midnight G.M.T.	Nome 14h, 165W	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.)	756.2	752.8	756.7	755.9	-	756.0	758.3	-	* 751.9	*747.7	*753.1	* -	762.0	753.5	-	765.0	764.5
Air Temperature (in C)	31.1	33.4	28.3	28.9	-	29.3	30.5	-	26.0	26.0	30.0	-	26.0	-	-	18.0	21.0
Direction and Force of Winds (0-12)	E 2	SE 3	SSW 3	SW 2	-	E 2	NE 2	-	SW 2	NW 6	WSW 3	-	NE 2	NE 3	-	SW 2	calm
Weather	cloudy	fair	cloudy	cloudy	-	cloudy	fair	-	rain	cloudy	fair	-	fair	clear	-	cloudy	fair

發行人 發行所 印刷人 印刷所 神戸市中山手通七丁目 海洋氣象臺

昭和六年八月一日三

北太平洋天氣圖

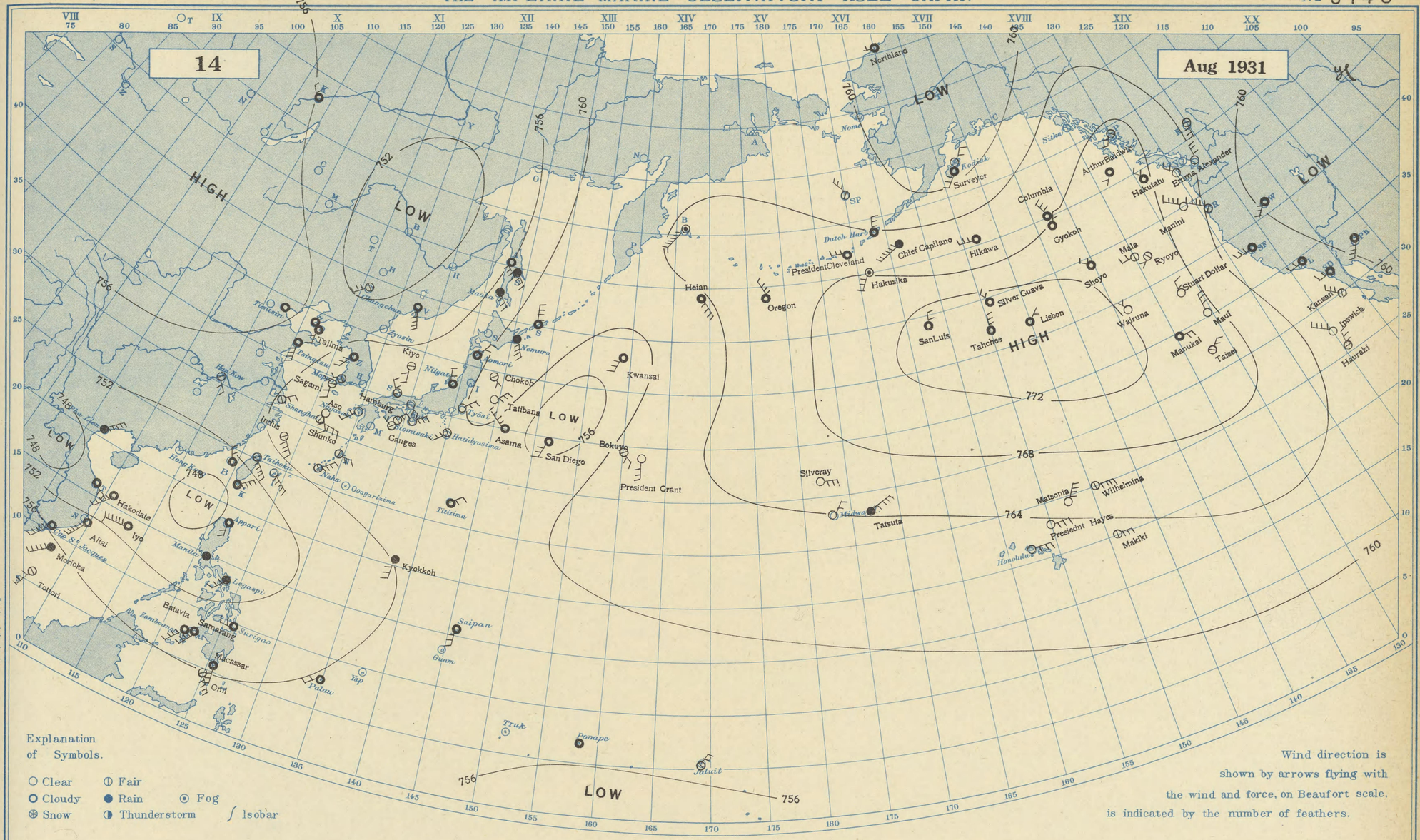
第三一四七號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3148


14
Aug 1931
HIGH
LOW
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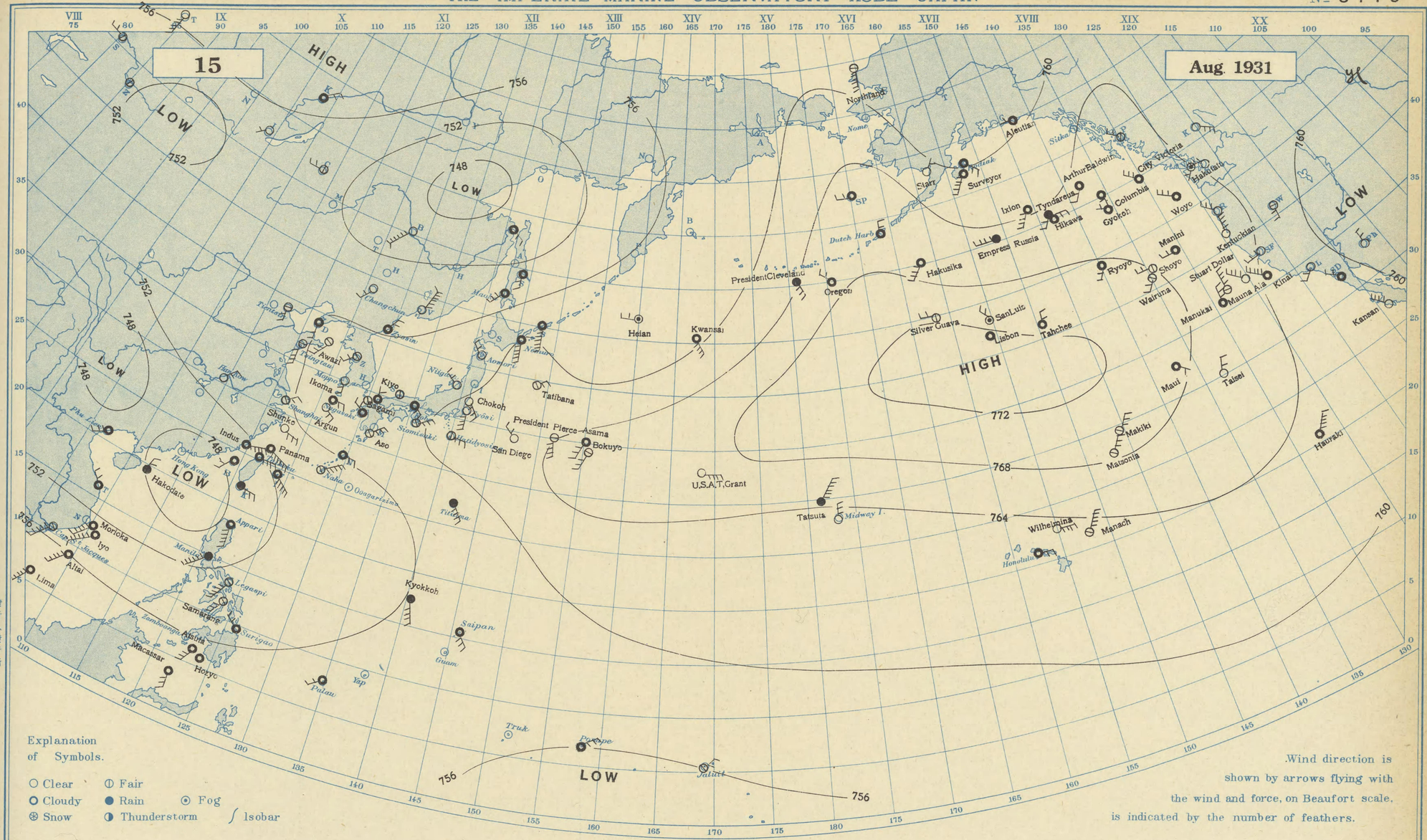
Northland
Nome
Kodiak
Surveyor
Sitka
Columbia
Gyokoh
Arthur Ludwig
Hakutatu
Emma Alexander
Manini
Dutch Harbor
President Cleveland
Chief Capilano
Hikawa
Hakusika
Heian
Oregon
Silver Cuava
Lisbon
SanLuis
Tahchee
Shoyo
Mala
Ryoyo
Wafruna
Stuart Dollar
Maui
Manukai
Taisei
Kansan
Inswich
Hauraki
Kwansai
Chokoh
Tatibana
Asama
San Diego
Bokuyo
President Grant
Silveray
Midway
Tatsuta
Matsonia
Wilhelmina
President Hayes
Makiki
Honolulu
Kyokkoh
Saipan
Guam
Yap
Palau
Truk
Ponape
Jaluit
Hakodate
Iyo
Altai
Morioka
Tattori
Appari
Legaspi
Batavia
Samarang
Surigao
Macassar
Ormi
Ganges
Shunko
Sagami
Haimburg
Kiyo
Niigata
Aomori
Yenuro
Tyôsi
Hatidyôsima
Titizima
Taihoku
Naha
Nagasaki
Siomisaki
Kôbe
Shanghai
Hankow
Changchun
Tientsin
Tsingtau
Yap Islands
Manila
Hongkong
Saigon
Tourane
Hong Kong
Swatow
Amoy
Foochow
Wenchow
Ningpo
Chefoo
Port Arthur
Vladivostok
Gensan
Fusan
Nagasaki
Kagosima
Tokara Is.
Oshima
Hatidyôsima
Tyôsi
Kwansai
Tatibana
Asama
Bokuyo
Midway I.
Honolulu
Dutch Harbor
Kodiak
Nome
Sitka
Columbia
Gyokoh
Hakutatu
Manini
Ryoyo
Shoyo
Mala
Wafruna
Stuart Dollar
Maui
Manukai
Taisei
Kansan
Inswich
Hauraki
Matsonia
Wilhelmina
President Hayes
Makiki
Tatsuta
Silveray
Jaluit
Ponape
Truk
Yap
Palau
Saipan
Guam
Kyokkoh
Batavia
Samarang
Surigao
Macassar
Ormi
Legaspi
Appari
Hakodate
Iyo
Altai
Morioka
Tattori
Ganges
Shunko
Sagami
Haimburg
Kiyo
Niigata
Aomori
Yenuro
Chokoh
Tatibana
Asama
San Diego
Bokuyo
President Grant
Kwansai

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3149

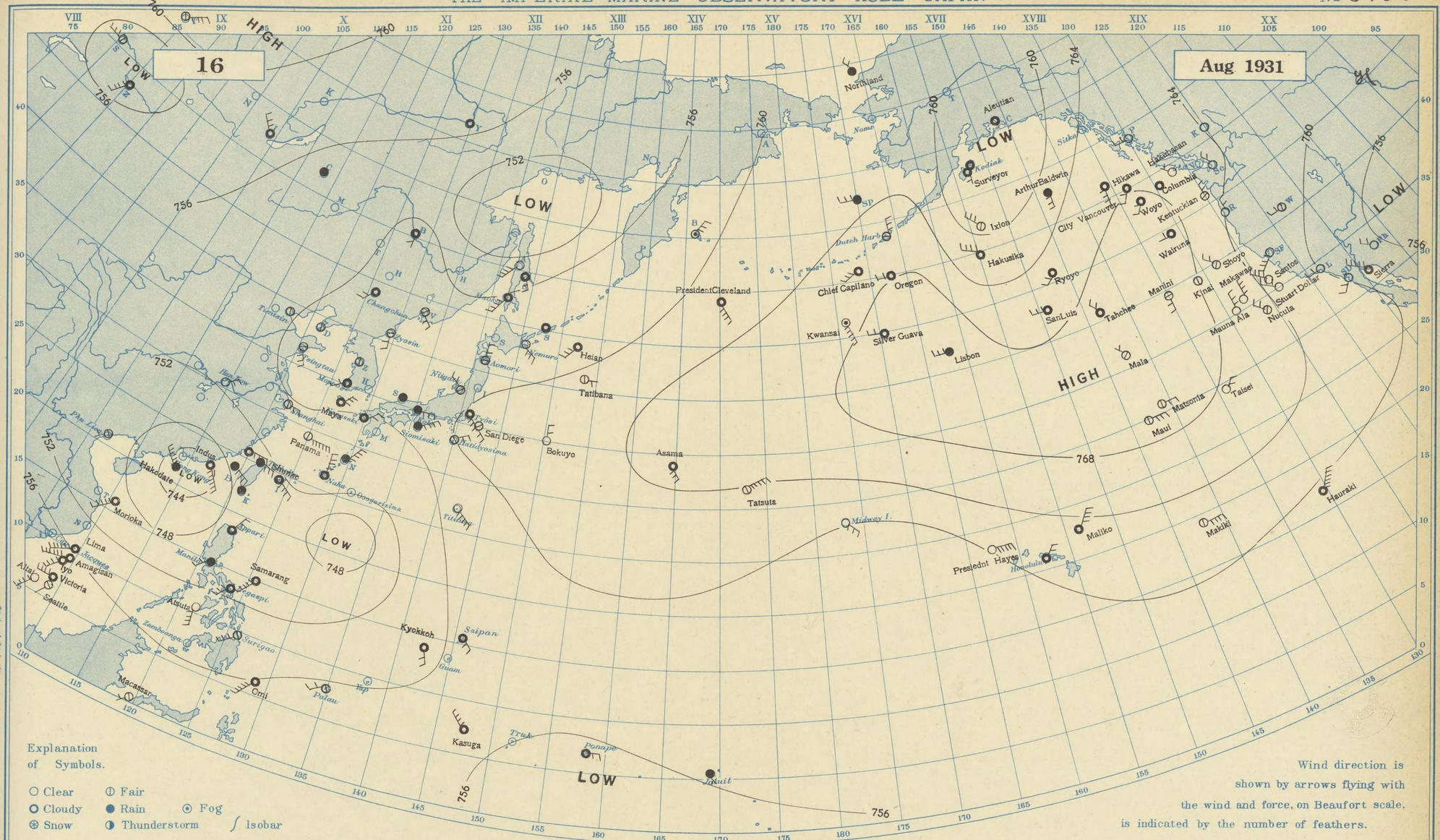

15
Aug. 1931
HIGH
LOW
HIGH
LOW
LOW
LOW
LOW
Northland
Nome
Attu
Aleutian
Sitka
Victoria
Hakodate
Surveyor
Ixion
Tyndareus
Arthur Baldwin
City
Columbia
Gyokoh
Woyo
Hakutatu
Empress Russia
Hikawa
Dutch Harb.
President Cleveland
Oregon
Hakusika
Ryoyo
Shoyo
Marini
Wairuna
Manukai
Stuart Dollar
Mauna Ala
Kinai
Kentuckian
Kansan
Silver Guava
San Luis
Lisbon
Tahchee
Maui
Taisei
Makiki
Matsonia
Hauraki
Wilhelmina
Manach
Honolulu
Midway I.
Tatsuta
U.S.A.T. Grant
Helan
Kwansai
Tatibana
President Pierce
Asama
Bokuyo
San Diego
Chokoh
Kingo
Awaji
Ikoma
Shunko
Argun
Aso
Indus
Panama
Hakodate
Morioka
Iyo
Aitai
Lima
Kyokkoh
Saipan
Guam
Yap
Palau
Truk
Ponape
Jaluit
Tikihau
Samarang
Macassar
Horyo
Legaspi
Surigao
Misima
Shanghai
Hankow
Hong Kong
Changchun
Tientsin
Tsingtau
Chefoo
Nagasaki
Moji
Kobe
Niigata
Aomori
Hakodate
Appari
Moriuka
Kyokkoh
Tatsuta
Midway I.
Wilhelmina
Manach
Honolulu
Jaluit
Ponape
Truk
Palau
Yap
Saipan
Guam
Samarang
Macassar
Horyo
Legaspi
Surigao
Misima
Tikihau
Lima
Aitai
Iyo
Morioka
Hakodate
Indus
Panama
Argun
Shunko
Ikoma
Awaji
Kingo
Aso
Chokoh
Tatibana
President Pierce
Asama
Bokuyo
San Diego
Helan
Kwansai
U.S.A.T. Grant
Silver Guava
San Luis
Lisbon
Tahchee
Maui
Taisei
Makiki
Matsonia
Hauraki
Hakusika
Ryoyo
Shoyo
Marini
Wairuna
Manukai
Stuart Dollar
Mauna Ala
Kinai
Kentuckian
Kansan
Empress Russia
Hikawa
Ixion
Tyndareus
Arthur Baldwin
City
Columbia
Gyokoh
Woyo
Hakutatu
Victoria
Surveyor
Attu
Aleutian
Northland
Nome
Sitka
Dutch Harb.
President Cleveland
Oregon

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3150



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 scale, is indicated by the number of feathers.

Station / Hour of Observation	Taihoku 12h, 135E	Naha 12h, 135E	Nagasaki 12h, 135 E	Siomisaki 12h, 135 E	Kôbe 12h, 135E	Tyôsi 12h, 135E	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, 135E	Zyôsin 12h, 135E	Changchun 12h, 135 E	Tientsin 12h, 135 E	Tsingtau 12h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr.) (* not reduced to Strd. Gr.)	750.6	752.7	755.2	758.3	758.9	761.2	760.1	757.6	759.5	759.8	759.1	757.1	756.5	758.0	756.4	755.7	757.0
Air Temperature (in C)	29.6	29.0	27.5	25.5	25.5	24.4	30.1	29.3	31.3	29.1	22.5	20.0	29.8	28.1	31.1	30.3	28.5
Direction and Force of Winds (0-12)	E 3	N 4	NE 2	ENE 4	E 3	ESE 3	ENE 2	ESE 5	WNW 2	N 2	ESE 3	SSW 4	WSW 2	S 2	SSW 2	- 1	SSE 3
Weather	rain	cloudy	cloudy	rain	rain	cloudy	fair	clear	fair	fair	clear	cloudy	cloudy	fair	cloudy	fair	fair

Station / Hour of Observation	Shanghai 12h, 135 E	Hankow 12h, 135 E	Saipan 12h, 135 E	Palau 12h, 135 E	Truk 7h,	Ponape 12h, 135 E	Jaluit 8h,	Hongkong 10h,	Manila 14h	Phu-Lien 10h,	Surigao 13h,	Yap 13h,	Honolulu Midnight G.M.T.	Midway I. Midnight G.M.T.	Nome 14h, 165W	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.)	755.5	752.6	756.2	756.7	-	755.2	757.7	-	* 751.1	* 749.7	* 753.9	* -	761.0	760.0	-	765.5	757.4
Air Temperature (in C)	31.6	32.5	27.3	29.5	-	29.6	25.8	-	27.0	27.0	31.0	-	26.0	-	-	14.0	14.0
Direction and Force of Winds (0-12)	E 2	ENE 2	SE 2	WSW 2	-	E 2	SE 1	-	SW 2	SW 1	WSW 3	-	NE 2	SE 3	-	N 3	calm
Weather	fair	clear	cloudy	fair	-	cloudy	rain	-	rain	fair	fair	-	cloudy	clear	-	fair	cloudy

発行人 印刷人 神戸市中山手通七丁目 海洋氣象臺

昭和六年八月一日

北太平洋天氣圖

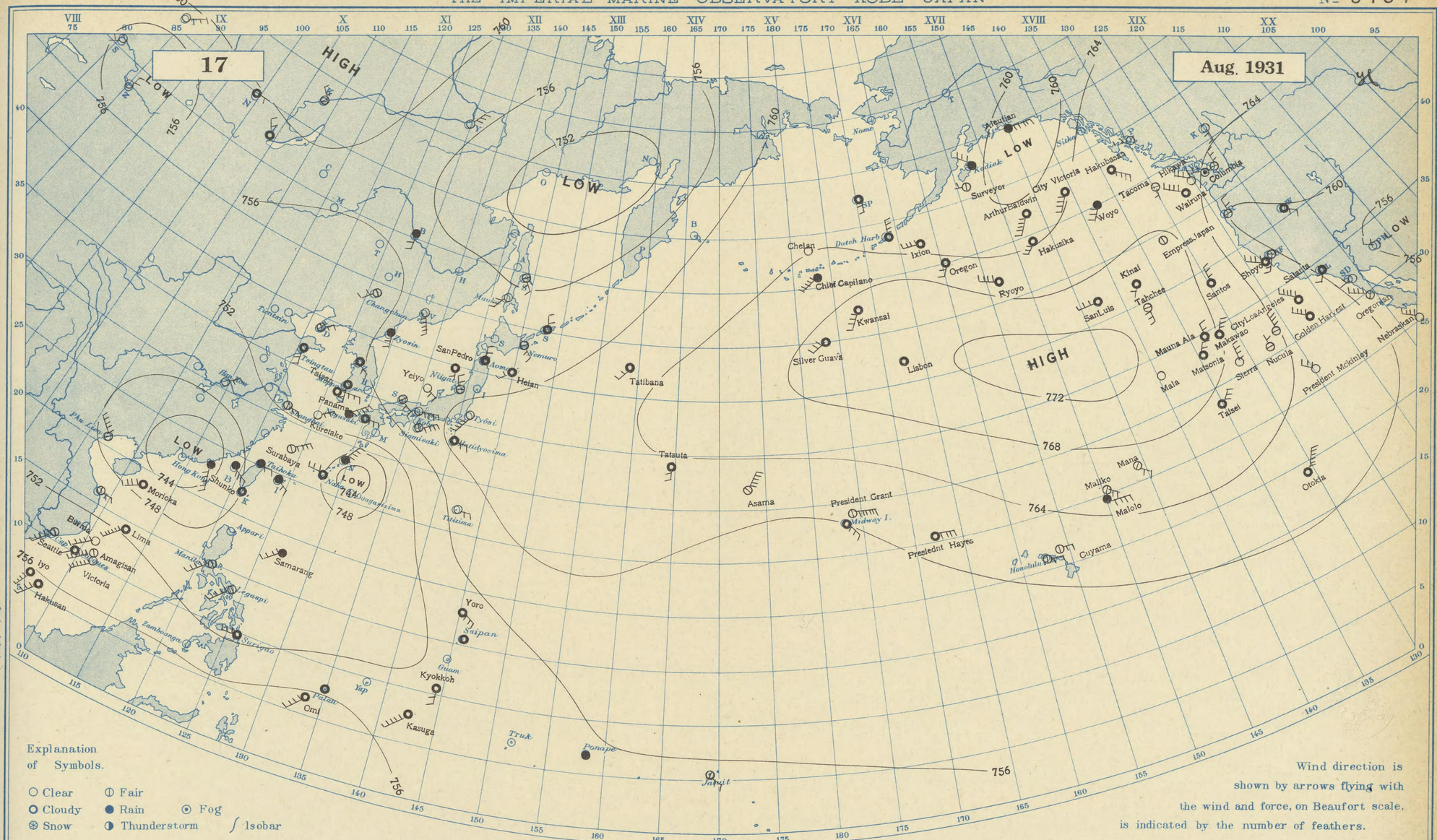
第五一三〇號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3151

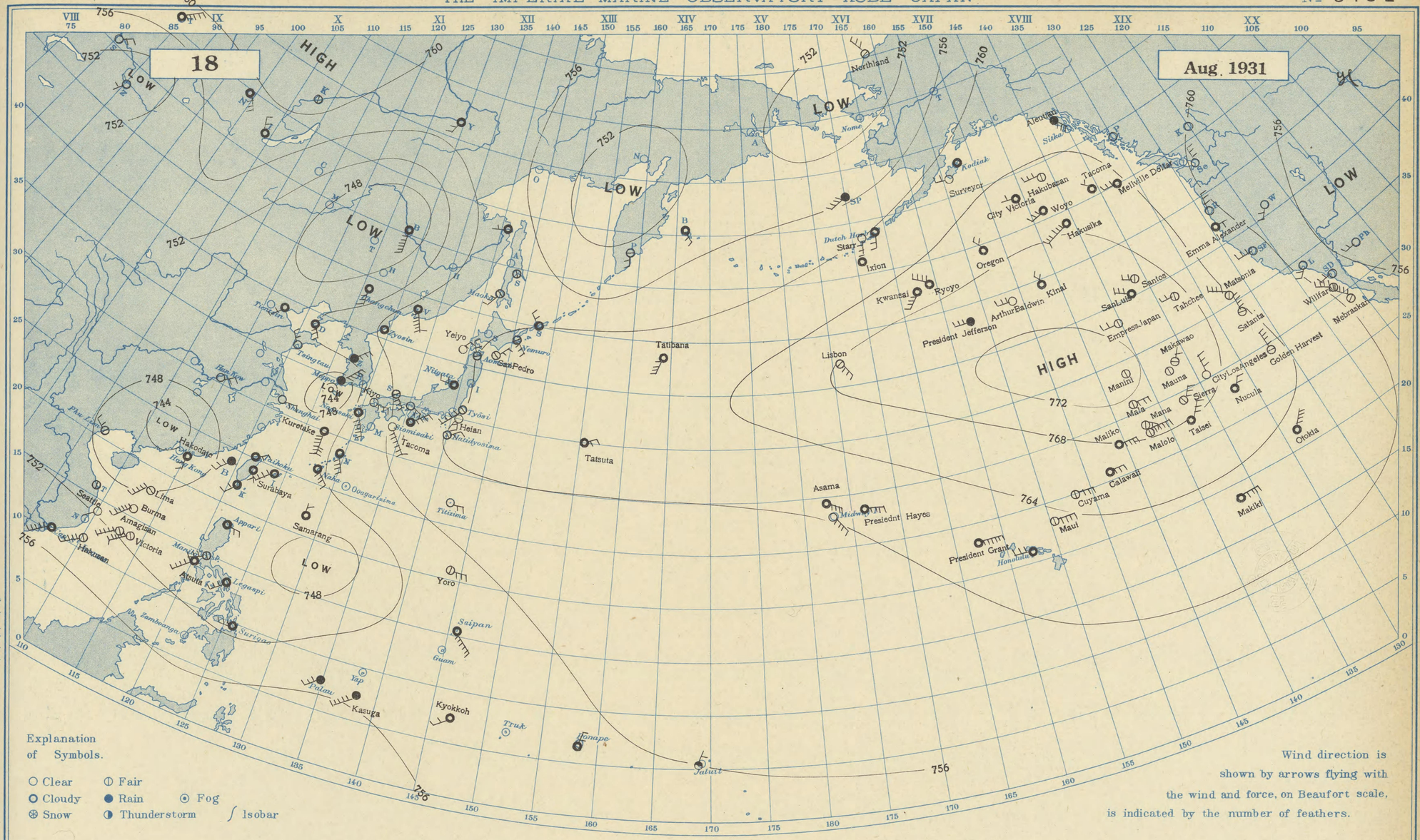

17
Aug. 1931
HIGH
LOW
HIGH
LOW
LOW
LOW
LOW
LOW
Aleutian
Kodiak
Surveyor
Arthur Baldwin
City Victoria
Hakubasan
Tacoma
Woyo
Hakusika
Ixion
Chelan
Dutch Harbor
Chief Capilano
Oregon
Ryoyo
Kwansai
Silver Guava
Lisbon
Tatibana
Tatsuta
Asama
President Grant
Midway I.
President Hayes
Honolulu
Cuyama
Hirano
Columbia
Wairuna
Empress Japan
Kinai
Tahchee
SanLuis
Santos
Mauna Ala
Mala
Makawao
Malsonia
Sierra Nucula
CityLosAngeles
Golden Harvest
President Mckinley
Talsei
Shoyo
Salatia
Oregonian
Nebraskan
Otokita
Maliko
Malolo
Mana
Hakodate
Nemuro
Heian
Yeiyo
SanPedro
Yenuro
Aomori
Tyôsi
Hatidyôsima
Tatsuta
Kitaretake
Panama
Changchun
Fuchow
Taihoku
Shunko
Morioka
Surabaya
Batavia
Cap
Seattle
Victoria
Amagisan
Lima
Iyo
Hakusan
Samarang
Manila
Appari
Legaspi
Surigao
Yoro
Saipan
Guam
Kyokkoh
Yap
Palau
Oml
Kasuga
Truk
Ponape
Jaluit
Midway I.
Honolulu
Nome
Sitka
Kodiak
Dutch Harbor
Chief Capilano
Seattle
Victoria
Amagisan
Lima
Iyo
Hakusan
Samarang
Surigao
Yap
Palau

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3152



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.)	749.5	751.5	753.9	759.3	758.4	759.9	760.3	757.0	759.4	760.1	760.4	757.9	745.9	756.5	750.0	749.8	750.8
Air Temperature (in C)	31.6	28.6	29.5	27.5	32.7	29.6	30.0	30.4	29.2	28.4	22.1	23.0	23.5	27.3	29.6	31.3	28.2
Direction and Force of Winds (0-12)	ENE 2	SE 4	SSE 5	ENE 4	ESE 2	SSW 4	ENE 2	E 2	W 2	NNW 2	SE 3	SSW 3	NE 7	- 1	S 3	SW 2	NNW 2
Weather	cloudy	cloudy	cloudy	cloudy	clear	fair	fair	clear	cloudy	fair	fair	fair	rain	cloudy	cloudy	cloudy	clear

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Saipan 12h, 135E	Palau 12h, 135E	Truk 7h,	Ponape 12h, 135E	Jaluit 8h,	Hongkong 10h,	Manila 14h	Phu-Lien 10h,	Surigao 13h,	Yap 13h,	Honolulu Midnight G.M.T.	Midway I. Midnight G.M.T.	Nome 14h, 165W	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.)	750.5	750.2	754.1	755.6	-	755.5	757.6	-	* 752.3	*747.5	*752.2	* -	762.0	760.0	-	760.5	761.5
Air Temperature (in C)	30.6	31.7	27.0	24.5	-	29.3	28.7	-	27.0	33.0	32.0	-	27.0	-	-	16.0	19.0
Direction and Force of Winds (0-12)	E 2	ENE 2	SE 6	SW 3	-	NE 2	NNE 1	-	WSW 3	WNW 2	W 3	-	W 3	SE 4	-	S 3	calm
Weather	clear	clear	cloudy	rain	-	cloudy	th.s	-	fair	fair	cloudy	-	cloudy	clear	-	cloudy	cloudy

發行人發行所 印刷人販賣所 神戶市中山手通七丁目 海洋氣象臺

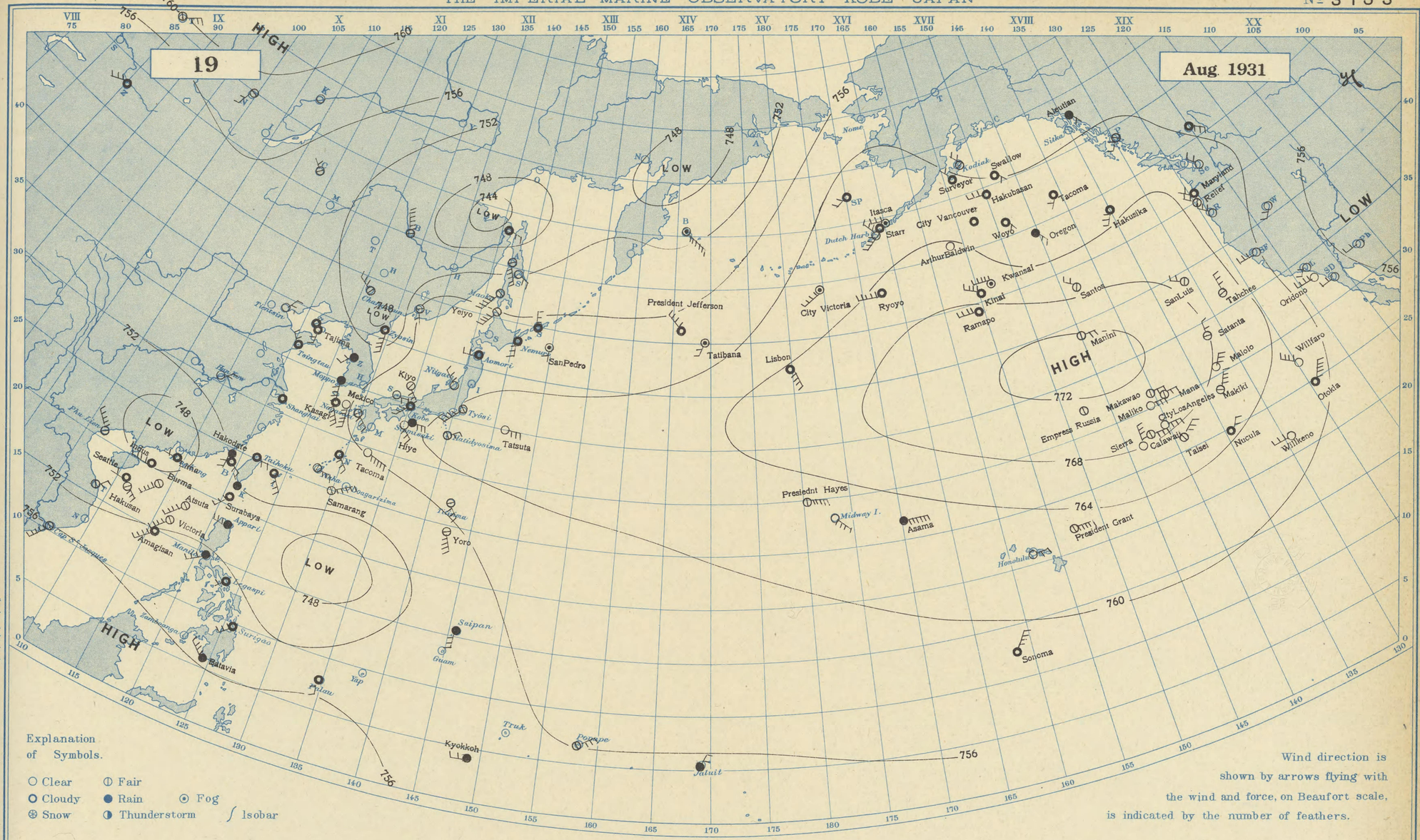
昭和六年八月一日 北太平洋天氣圖 第三一五二號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 3153



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 scale, is indicated by the number of feathers.

Station / Hour of Observation	Taihoku 12h, 135E	Naha 12h, 135E	Nagasaki 12h, 135 E	Siomisaki 12h, 135 E	Kôbe 12h, 135E	Tyôsi 12h, 135E	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, 135E	Changchun 12h, 135 E	Tientsin 12h, 135 E	Tsingtau 12h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr.) (* not reduced to Strd. Gr.)	752.3	754.0	757.3	759.9	759.4	760.1	760.3	756.6	759.0	758.5	758.3	754.9	755.2	749.2	751.1	753.6	753.4
Air Temperature (in C)	31.7	31.1	30.4	26.4	32.4	29.2	29.5	30.3	29.7	28.0	23.9	24.2	27.0	26.3	22.3	29.4	28.3
Direction and Force of Winds (0-12)	E 2	E 3	SE 3	E 3	SW 3	SSW 4	ENE 2	SE 3	NW 3	W 2	S 3	SSW 5	S 4	S 4	NW 3	NNE 2	NNW 2
Weather	cloudy	fair	fair	rain	cloudy	fair	fair	fair	clear	cloudy	cloudy	fair	rain	cloudy	fair	clear	cloudy

Station / Hour of Observation	Shanghai 12h, 135 E	Hankow 12h, 135 E	Saipan 12h, 135 E	Palau 12h, 135 E	Truk 7h,	Ponape 12h, 135 E	Jaluit 8h,	Hongkong 10h,	Manila 14h	Phu-Lien 10h,	Surigao 13h,	Yap 13h,	Honolulu Midnight G.M.T.	Midway I. Midnight G.M.T.	Nome 14h, 165W	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.)	753.6	753.1	755.5	755.3	-	756.0	756.9	-	*753.3	*750.1	*753.3	* -	762.5	761.5	-	763.5	759.5
Air Temperature (in C)	31.5	32.0	24.8	29.7	-	30.4	26.8	-	31.0	32.0	30.0	-	26.0	-	-	17.0	14.0
Direction and Force of Winds (0-12)	calm	ENE 2	S 3	S 2	-	ENE 3	NE 2	-	WSW 3	NW 5	WSW 3	-	E 2	SE 4	-	NW 3	NW 2
Weather	cloudy	clear	rain	cloudy	-	fair	rain	-	rain	fair	cloudy	-	clear	cloudy	-	clear	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

昭和六年 八月 一日 九

北太平洋天氣圖

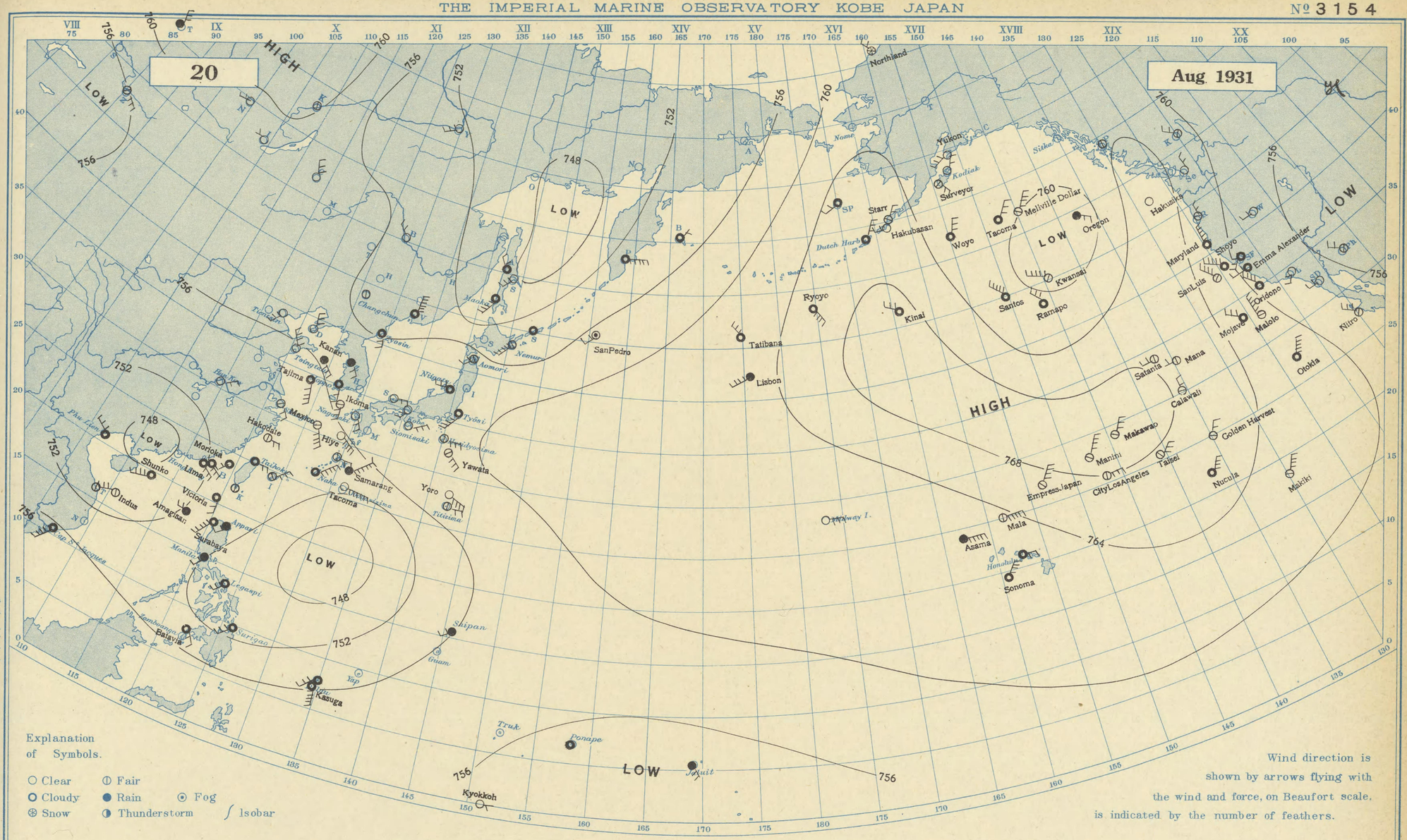
第三一五三號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3154



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.)	752.8	752.7	757.6	759.1	757.8	759.5	759.3	757.1	758.8	757.4	754.4	750.9	757.1	755.7	755.7	757.1	755.5
Air Temperature (in C)	32.6	30.2	29.6	27.9	31.8	29.5	30.5	30.4	30.5	31.7	26.7	20.1	29.6	25.7	23.7	30.6	26.4
Direction and Force of Winds (0-12)	E 2	NE 5	SSE 2	ENE 3	SSW 2	SSW 4	E 3	E 2	W 3	SW 2	SW 5	SSW 4	S 2	S 2	- 1	SSW 3	NNW 4
Weather	cloudy	cloudy	clear	clear	clear	cloudy	fair	fair	cloudy	fair	fair	cloudy	cloudy	cloudy	fair	clear	clear

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Saipan 12h, 135E	Palau 12h, 135E	Truk 7h,	Ponape 12h, 135E	Jaluit 8h,	Hongkong 10h,	Manila 14h	Phu-Lien 10h,	Surigao 13h,	Yap 13h,	Honolulu Midnight G.M.T.	Midway I. Midnight G.M.T.	Nome 14h, 165W	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.)	754.1	753.9	756.0	755.7	-	755.3	755.8	-	* 752.8	* 750.3	* 752.9	* -	762.0	761.5	-	767.1	762.5
Air Temperature (in C)	32.3	32.1	25.1	30.1	-	27.9	25.3	-	29.0	27.0	29.0	-	27.0	-	-	12.0	19.0
Direction and Force of Winds (0-12)	SSE 2	ENE 2	WSW 2	SW 3	-	- 1	SSE 2	-	SW 2	WNW 3	WSW 3	-	E 2	E 3	-	NE 3	NE 2
Weather	fair	clear	rain	cloudy	-	cloudy	rain	-	rain	cloudy	cloudy	-	cloudy	clear	-	cloudy	clear

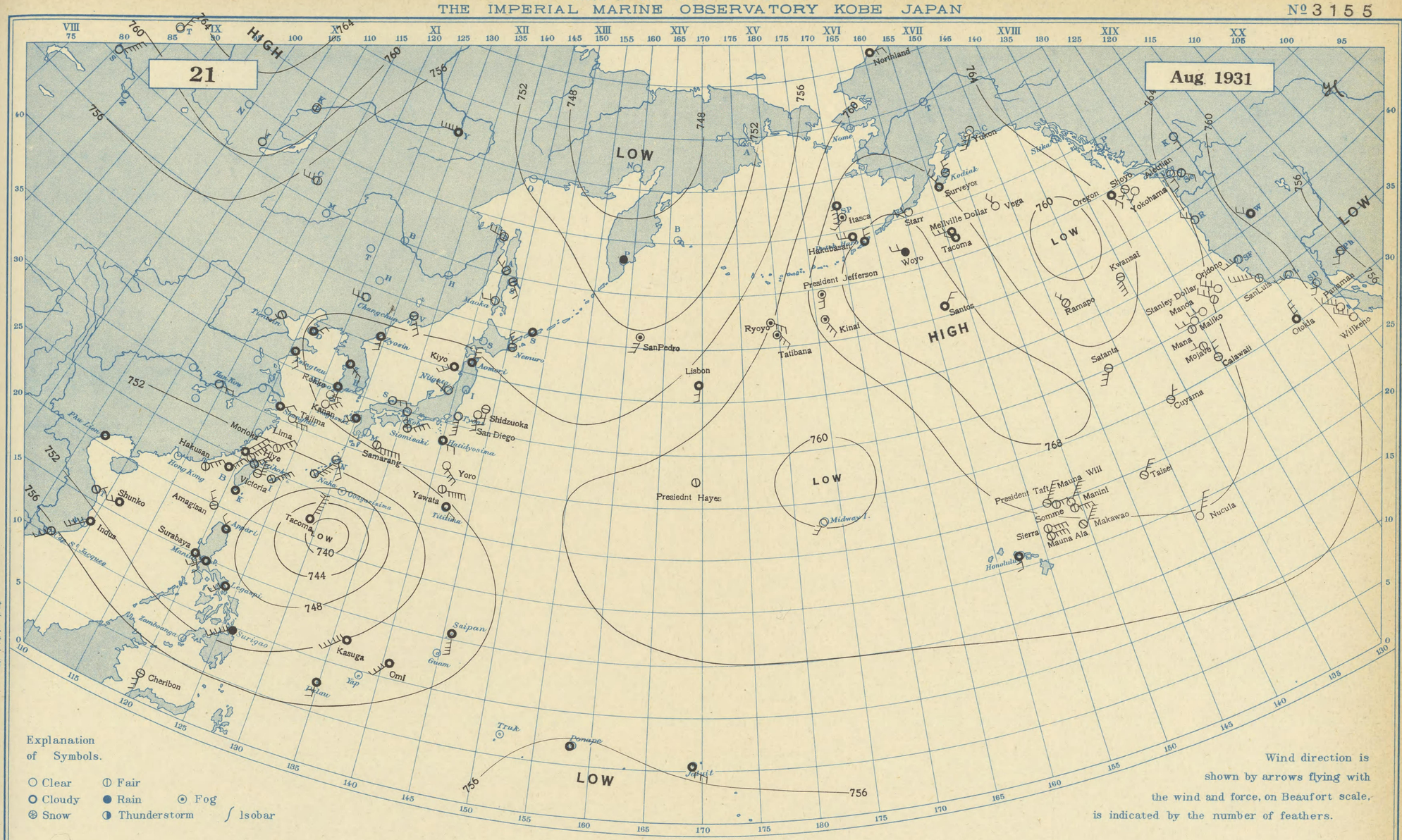
發行人發行所 印刷人販賣所 神戸市中山手通七丁目 海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3155



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 scale, is indicated by the number of feathers.

Station / Hour of Observation	Taihoku 12h, 135E	Naha 12h, 135E	Nagasaki 12h, 135 E	Siomisaki 12h, 135 E	Kôbe 12h, 135E	Tyôsi 12h, 135E	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, 135E	Changchun 12h, 135 E	Tientsin 12h, 135 E	Tsingtau 12h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr. / * not reduced to Strd. Gr.)	752.4	750.7	756.7	757.8	757.4	758.5	758.6	755.4	757.9	756.5	754.8	753.3	757.2	756.3	754.0	755.6	755.7
Air Temperature (in C)	32.0	30.6	32.1	27.9	32.4	30.4	29.6	29.3	29.9	29.4	26.3	21.7	28.1	23.9	24.9	31.0	28.0
Direction and Force of Winds (0-12)	NE 3	NNE 5	WSW 2	ENE 4	SSE 2	S 4	E 2	ESE 2	WNW 2	N 3	NNE 2	W 2	S 2	S 2	W 3	SW 2	SSE 2
Weather	fair	fair	cloudy	fair	clear	clear	cloudy	cloudy	clear	cloudy	fair	clear	cloudy	cloudy	clear	fair	cloudy

Station / Hour of Observation	Shanghai 12h, 135 E	Hankow 12h, 135 E	Saipan 12h, 135 E	Palau 12h, 135 E	Truk 7h,	Ponape 12h, 135 E	Jaluit 8h,	Hongkong 10h,	Manila 14h	Phu-Lien 10h,	Surigao 13h,	Yap 13,	Honolulu Midnight G.M.T.	Midway I. Midnight G.M.T.	Nome 14h, 165W	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.)	755.0	754.9	755.3	754.9	-	755.4	757.7	-	* 751.7	* 750.1	* 751.2	* -	762.0	759.5	-	770.1	763.5
Air Temperature (in C)	31.5	32.0	27.9	30.1	-	26.5	26.1	-	28.0	29.0	30.0	-	24.0	-	-	16.0	16.0
Direction and Force of Winds (0-12)	ENE 2	E 2	S 4	S 2	-	- 1	ESE 3	-	SW 3	calm	WSW 6	-	S 2	SW 3	-	N 2	N 2
Weather	cloudy	clear	cloudy	cloudy	-	cloudy	cloudy	-	cloudy	cloudy	rain	-	cloudy	clear	-	cloudy	fair

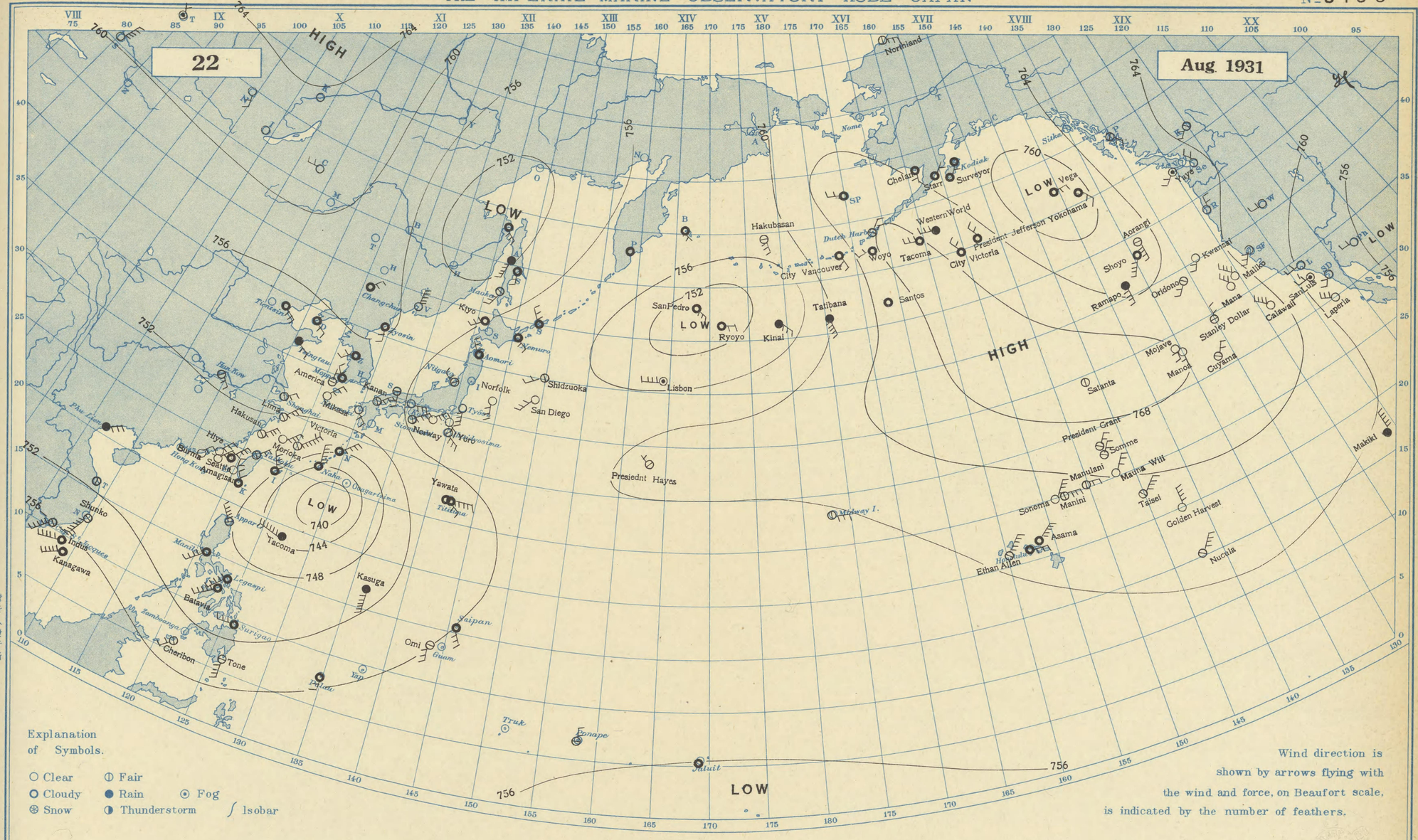
發行人發行所 印刷人販賣所 神戸市中山手通七丁目 海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№3156



Station / Hour of Observation	Taihoku 12h, 135E	Naha 12h, 135E	Nagasaki 12h, 135 E	Siomisaki 12h, 135 E	Kôbe 12h, 135E	Tyôsi 12h, 135E	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, 135E	Changchun 12h, 135 E	Tientsin 12h, 135 E	Tsingtau 12h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr. / * not reduced to Strd. Gr.)	751.3	744.1	753.5	756.8	756.3	758.2	757.7	754.6	756.7	756.3	757.0	753.9	754.6	756.2	757.4	755.0	754.1
Air Temperature (in C)	32.5	29.0	31.4	28.3	32.4	30.2	29.2	29.4	30.1	28.7	21.0	21.2	29.3	22.0	23.1	26.0	26.2
Direction and Force of Winds (0-12)	NE 2	N 6	SE 2	ENE 4	E 3	S 4	ESE 3	ESE 2	NW 2	NNW 3	ESE 2	SSW 3	NNW 2	S 2	NE 2	ESE 3	ESE 2
Weather	fair	cloudy	clear	fair	clear	clear	fair	cloudy	fair	cloudy	cloudy	fair	cloudy	cloudy	cloudy	cloudy	rain

Station / Hour of Observation	Shanghai 12h, 135 E	Hankow 12h, 135 E	Saipan 12h, 135 E	Palau 12h, 135 E	Truk 7h,	Ponape 12h, 135 E	Jaluit 8h,	Hongkong 10h,	Manila 14h	Phu-Lien 10h,	Surigao 13h,	Yap 13h,	Honolulu Midnight G.M.T.	Midway I. Midnight G.M.T.	Nome 14h, 165W	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.)	753.2	752.7	756.0	755.5	-	755.3	757.5	-	* 750.2	* 751.1	* 751.7	* -	762.0	759.5	-	768.1	763.0
Air Temperature (in C)	32.6	33.3	28.4	29.9	-	30.6	27.8	-	28.0	25.0	32.0	-	24.0	-	-	17.0	14.0
Direction and Force of Winds (0-12)	ENE 2	SE 2	SSE 3	S 2	-	N 2	calm	-	SW 5	ENE 3	W 3	-	E 3	E 3	-	NE 2	calm
Weather	fair	fair	cloudy	cloudy	-	fair	cloudy	-	cloudy	rain	cloudy	-	cloudy	fair	-	fair	cloudy

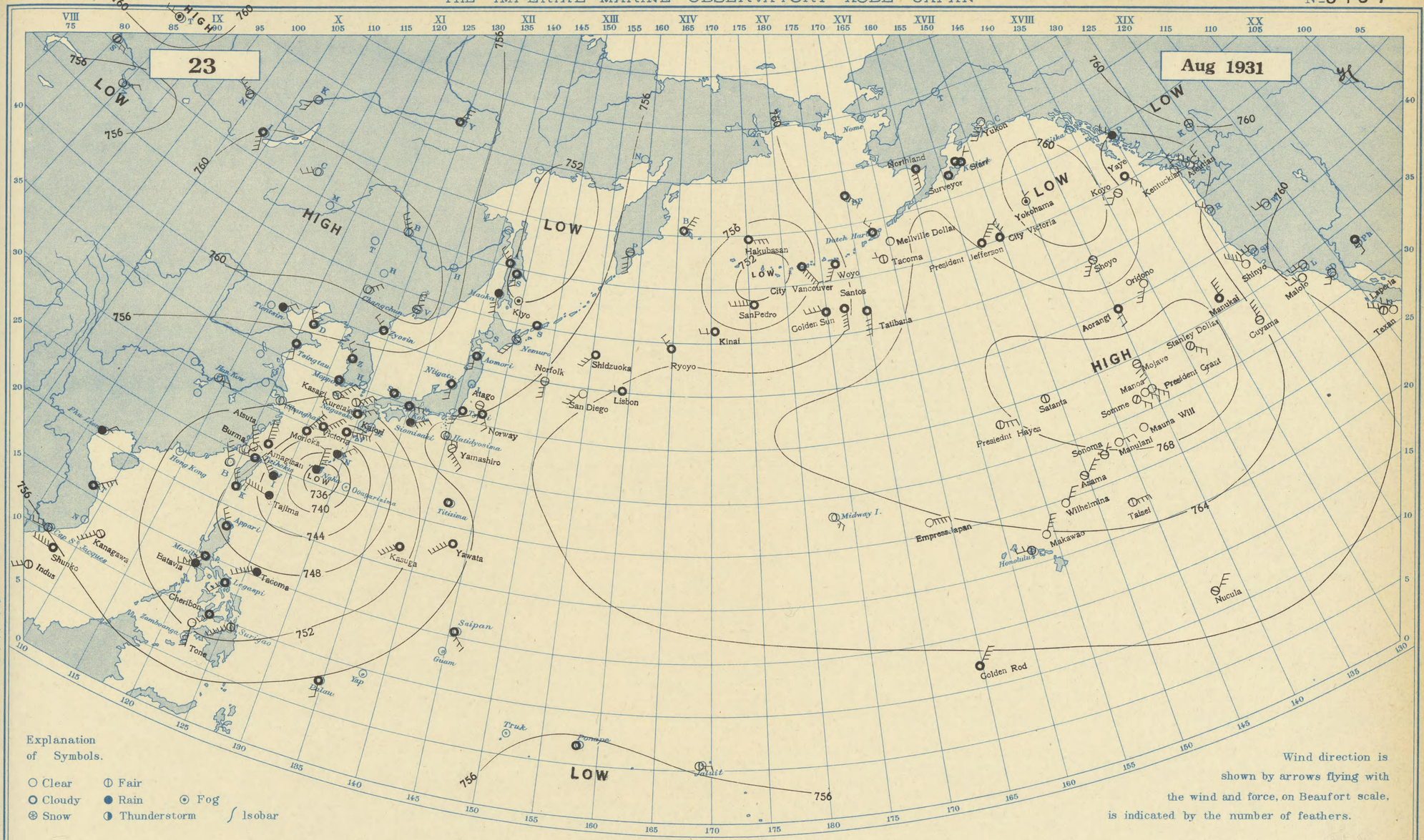
發行人發行所 印刷人販賣所 神戸市中山手通七丁目 海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No3157

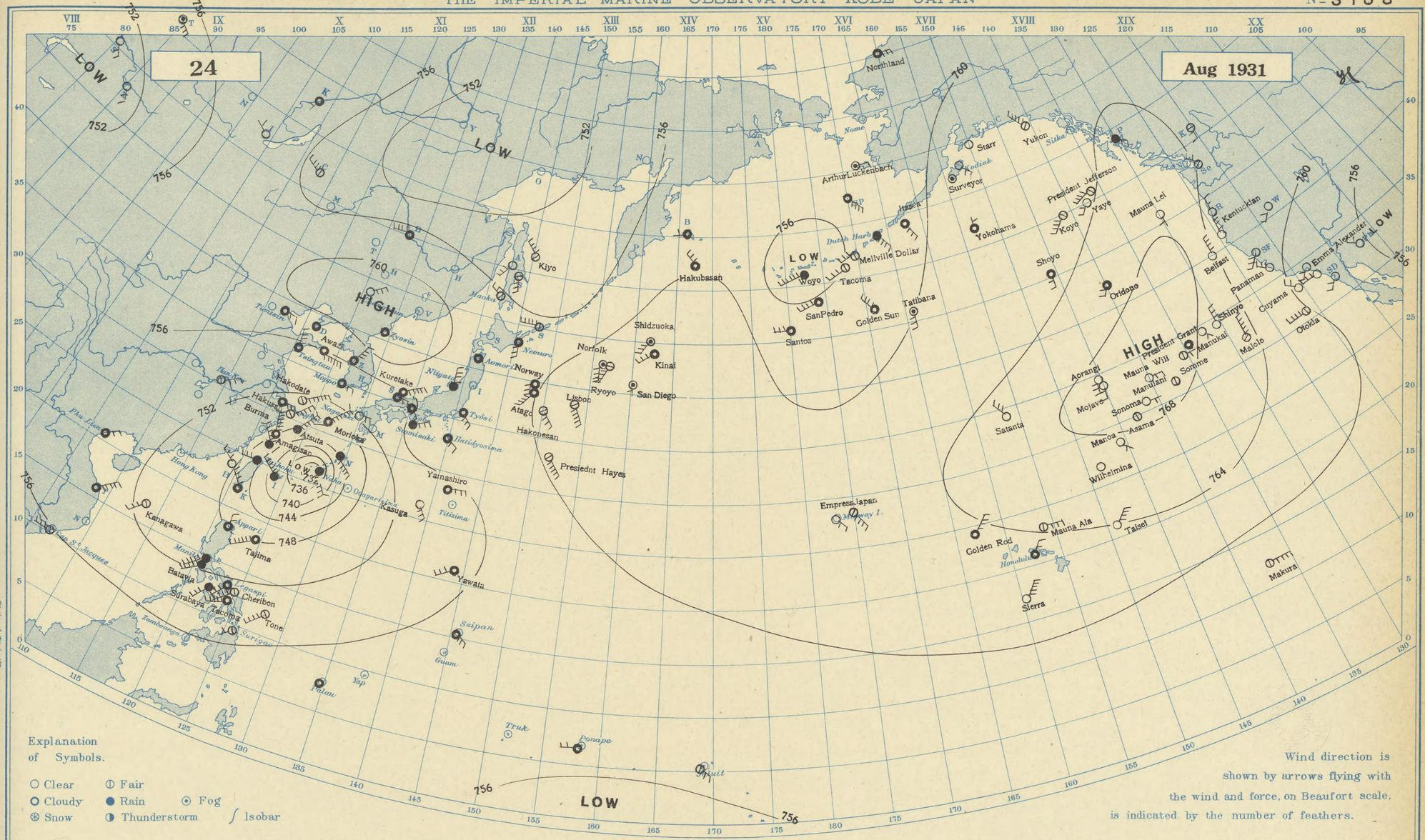

23
Aug 1931
HIGH
LOW
Hakubasan
Meiville Dollar
Tacoma
President Jefferson
City Victoria
Woyo
City Vancouver
SanPedro
Golden Sun
Santos
Tatibana
Kinai
Ryoyo
Shidzuoka
Norfolk
San Diego
Lisbon
Kyo
Aomori
Atago
Niigata
Nemuro
Yamashiro
Hatidyôsima
Nowaya
Kasagi
Kuretake
Kagoshima
Victoria
Amagisan
Morioka
Burma
Atsuta
Hong Kong
Phu Lien
Tajima
Appari
Tacoma
Legaspi
Cheribon
Batavia
Manila
Indus
Shunkô
Kanagawa
Cap St Jacques
Tone
Surigao
Yawata
Kasuga
Titizima
Saipan
Guam
Yap
Palau
Truk
Ponape
Jaluit
Midway I.
Empress Japan
Makawao
Honolulu
Golden Rod
Nucula
Yukon
Northland
Surveyor
Start
Nome
Yokohama
Yaye
Kôyo
Kentucklan
Shoyo
Oridono
Aorangi
Manukai
Shinyo
Malolo
Lapelia
Texan
Cuyania
Stanley Dollar
Mojave
Mariposa
President Grant
Somme
Mauna Wili
Manulani
Satanta
Presidnt Hayes
Sonoma
Adama
Wilhelmina
Taisei
Changchun
Tientsin
Tsingtau
Chefoo
Dairen
Port Arthur
Antung
Fusan
Nagasaki
Moppo
Zyôsin
Hakodate
Otaru
Kushiro
Abashiri
Esashi
Hanasaki
Erimo
Muroran
Hatinohe
Ayomori
Sendai
Niigata
Fushiki
Tsuruga
Hamada
Matsue
Hiroshima
Kôbe
Nagoya
Hamamatsu
Yokohama
Aburatsubo
Oshima
Hachijo
Miyakejima
Tateyama
Choshi
Kushimoto
Kôchi
Tosa
Muroto
Kagoshima
Nagasaki
Fukue
Hirado
Fukuoka

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3158



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 scale, is indicated by the number of feathers.

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.)	747.2	731.1	752.2	756.4	755.5	757.3	757.3	755.4	759.0	759.3	757.8	757.5	754.2	762.8	760.7	759.8	755.5
Air Temperature (in C)	25.2	27.6	33.1	28.0	33.8	31.2	30.5	31.0	23.5	23.1	21.4	17.3	30.3	19.0	20.4	24.0	25.6
Direction and Force of Winds (0-12)	W 3	SE 7	E 2	ENE 3	SSE 2	SE 3	ESE 2	- 1	N 4	- 1	S 3	WNW 2	E 2	- 1	NE 3	E 2	N 4
Weather	rain	rain	clear	rain	cloudy	cloudy	cloudy	clear	rain	cloudy	cloudy	fair	cloudy	cloudy	clear	cloudy	cloudy

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Saipan 12h, 135E	Palau 12h, 135E	Truk 7h,	Ponape 12h, 135E	Jaluit 8h,	Hongkong 10h,	Manila 14h	Phu-Lien 10h,	Surigao 13h,	Yap 13h,	Honolulu Midnight G.M.T.	Midway I. Midnight G.M.T.	Nome 14h, 165W	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.)	751.5	753.9	756.6	756.9	-	757.2	758.4	-	* 752.2	* 753.4	* 753.6	* -	763.0	762.0	-	757.4	761.5
Air Temperature (in C)	30.4	30.3	29.6	29.1	-	24.7	30.2	-	27.0	26.0	32.0	-	26.0	-	-	14.0	17.0
Direction and Force of Winds (0-12)	E 3	NE 3	SE 3	- 1	-	W 2	ESE 2	-	SW 5	ENE 2	WSW 1	-	NE 2	SE 2	-	SE 4	SE 2
Weather	cloudy	fair	cloudy	cloudy	-	cloudy	fair	-	rain	cloudy	fair	-	cloudy	clear	-	rain	clear

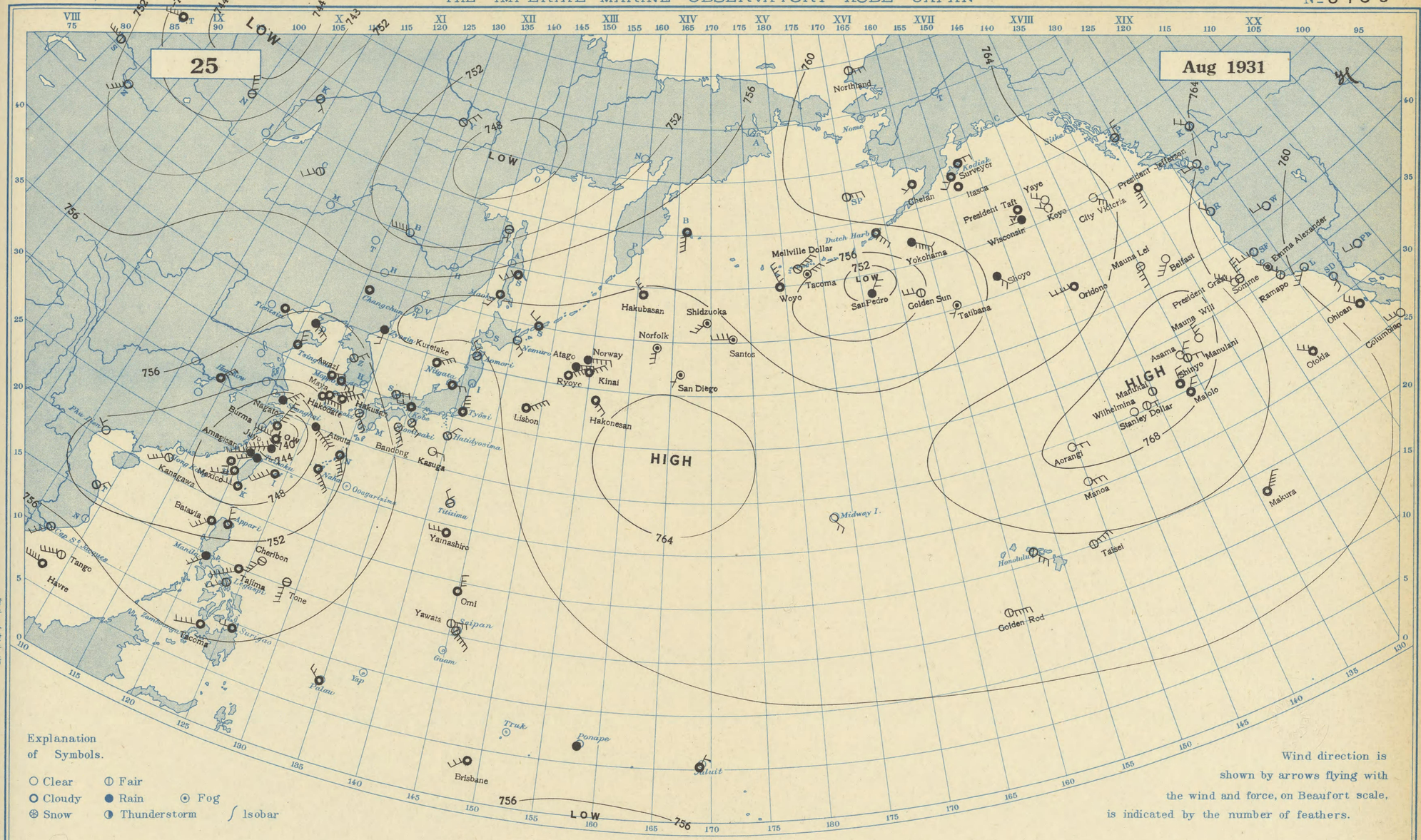
發行人 發行所
印刷人 販賣所
神戸市中山手通七丁目
海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№3159



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.)	745.1	748.9	754.5	758.1	757.8	759.5	758.6	757.7	758.4	759.4	762.4	759.9	754.0	759.8	756.1	756.4	754.1
Air Temperature (in C)	25.2	29.0	32.1	28.8	29.2	22.4	30.1	30.9	25.9	22.5	20.3	19.4	30.7	18.6	21.0	23.0	24.0
Direction and Force of Winds (0-12)	WSW 4	SE 6	SE 4	ESE 2	W 2	N 4	NE 2	NNW 2	E 2	NNW 2	SSE 2	SSW 3	ESE 2	S 2	- 1	- 1	N 3
Weather	rain	cloudy	fair	fair	cloudy	cloudy	fair	fair	cloudy	fair	clear	cloudy	cloudy	rain	cloudy	cloudy	cloudy

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Saipan 12h, 135E	Palau 12h, 135E	Truk 7h,	Ponape 12h, 135E	Jaluit 8h,	Hongkong 10h,	Manila 14h	Phu-Lien 10h,	Surigao 13h,	Yap 13h	Honolulu Midnight G.M.T.	Midway I. Midnight G.M.T.	Nome 14h, 165W	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.)	746.4	755.5	756.5	757.1	-	758.8	759.5	-	* 754.0	* 751.8	* 754.6	* -	763.0	762.0	-	757.9	761.5
Air Temperature (in C)	28.1	26.6	29.6	28.3	-	25.9	28.0	-	25.0	31.0	32.0	-	26.0	-	-	13.0	12.0
Direction and Force of Winds (0-12)	NE 4	NNE 3	SE 5	NW 2	-	calm	NE 1	-	SW 3	NW 1	W 2	-	SE 3	SE 2	-	SE 4	E 2
Weather	rain	cloudy	fair	cloudy	-	rain	cloudy	-	rain	clear	cloudy	-	fair	clear	-	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

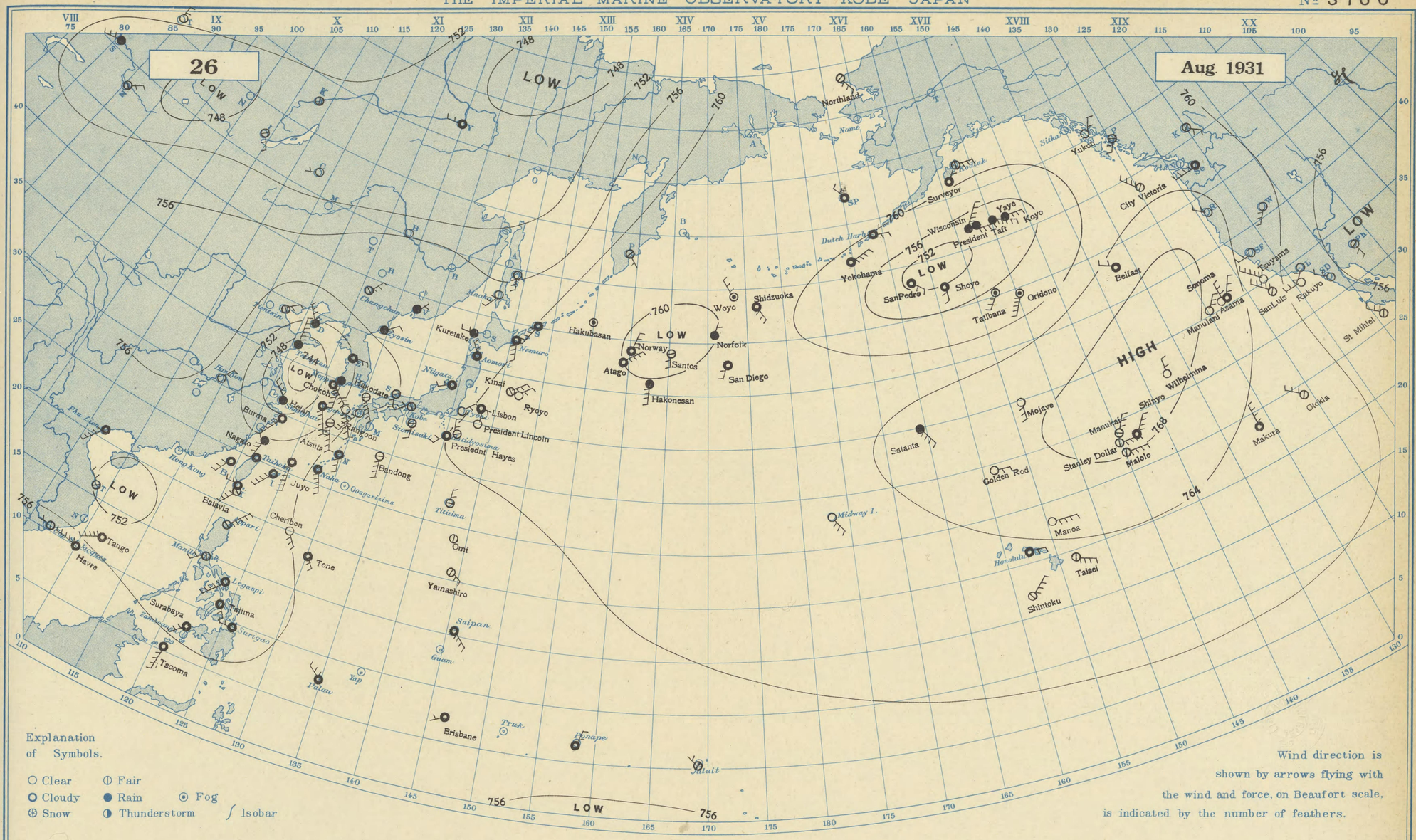
昭和六年八月二五日 北太平洋天氣圖 第三一五九號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3160



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 scale, is indicated by the number of feathers.

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.)	753.3	756.2	756.1	759.2	758.8	759.1	759.8	758.7	758.8	759.4	760.2	757.4	749.8	757.0	757.8	754.4	746.8
Air Temperature (in C)	32.2	29.5	30.8	29.7	30.5	25.3	28.8	31.3	29.7	25.1	18.9	20.2	26.5	18.6	24.0	26.3	21.0
Direction and Force of Winds (0-12)	- 1	SSE 5	SSW 6	S 2	WSW 3	NE 2	SW 2	N 2	WSW 2	NNW 2	S 4	SSW 3	S 6	ENE 2	NE 3	ENE 2	N 7
Weather	cloudy	cloudy	clear	fair	fair	clear	cloudy	fair	cloudy	cloudy	cloudy	clear	rain	rain	fair	fair	rain

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Saipan 12h, 135E	Palau 12h, 135E	Truk 7h,	Ponape 12h, 135E	Jaluit 8h,	Hongkong 10h,	Manila 14h	Phu-Lien 10h,	Surigao 13.	Yap 18	Honolulu Midnight G.M.T.	Midway I. Midnight G.M.T.	Nome 14h, 165W	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.)	746.5	755.6	757.1	756.5	-	757.5	759.0	-	* 754.3	* 753.3	* 755.0	* -	762.5	761.0	-	759.5	761.8
Air Temperature (in C)	24.9	28.9	29.6	28.7	-	29.5	29.9	-	30.0	25.0	31.0	-	26.0	-	-	13.0	14.0
Direction and Force of Winds (0-12)	NW 4	NNE 2	SE 4	WNW 3	-	NNE 2	WNW 1	-	WSW 2	SW 5	W 2	-	E 2	SE 3	-	E 2	E 3
Weather	rain	clear	cloudy	cloudy	-	cloudy	fair	-	fair	cloudy	cloudy	-	cloudy	clear	-	cloudy	fair

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

昭和六年八月二六日

北太平洋天氣圖

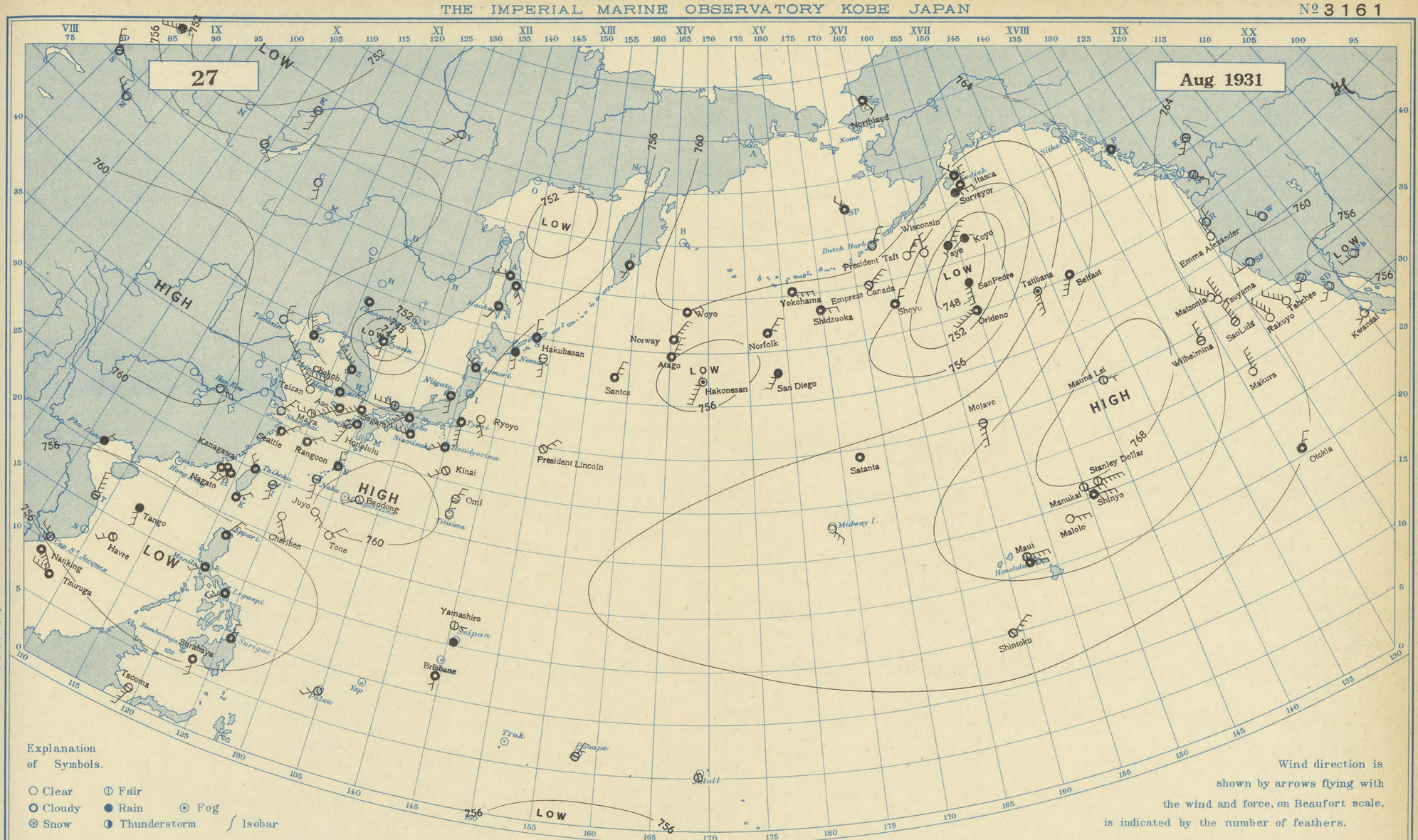
第三一六〇號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№3161

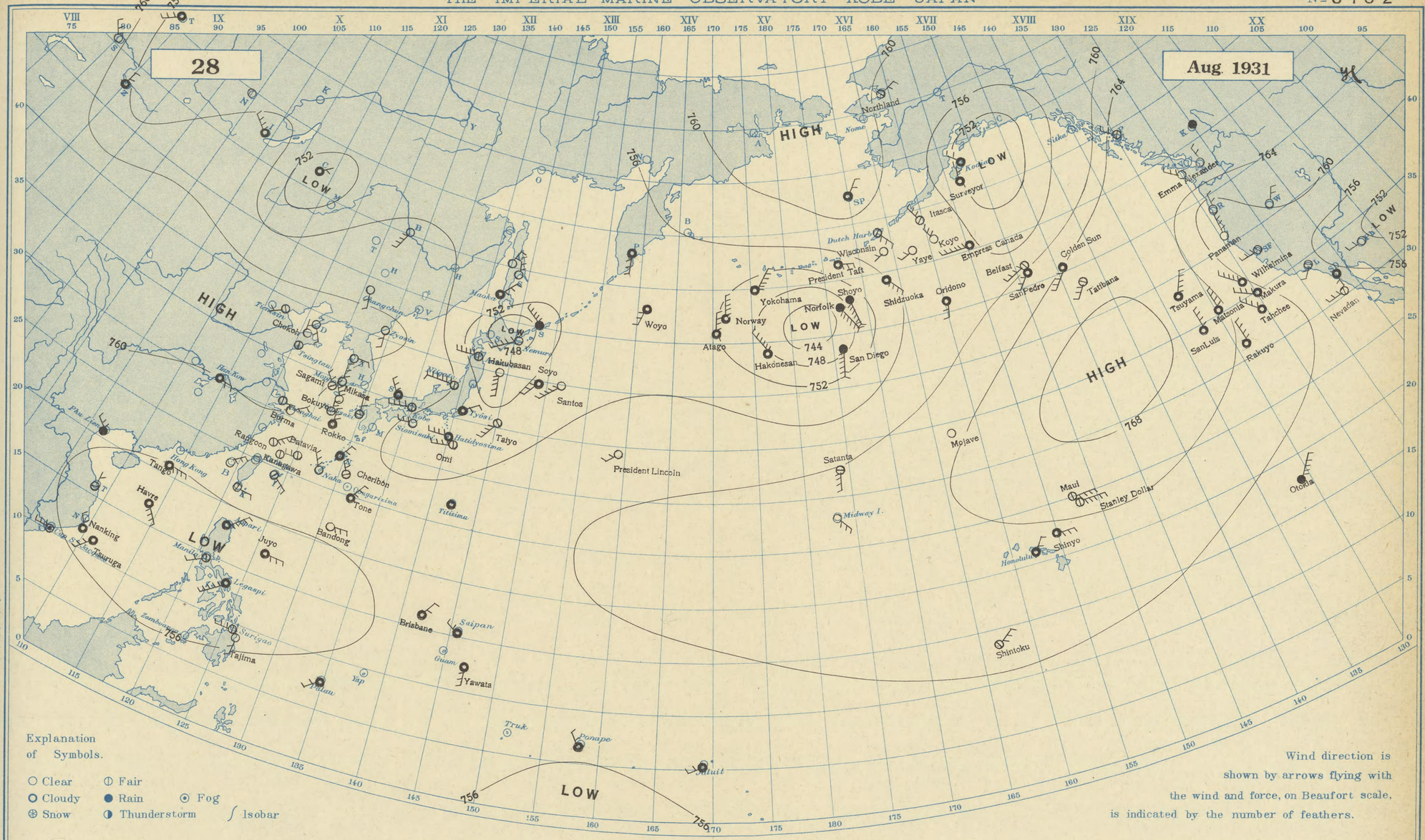

27
Aug. 1931
HIGH
LOW
Northland
Nome
Itasca
Surveyor
Wisconsin
Koyo
President Taft
Dutch Harbor
Kodiak
Sitka
Emma Alexander
Matsonia
Tsuyama
SanLuis
Rakuyo
Taichee
Kwansai
Yokohama
Empress Canada
Shidzuoka
Sheyo
SanPedro
Oridono
Tatibana
Belfast
Woyo
Norway
Norfolk
Atago
Hakonesan
San Diego
Santos
Hakubasan
Ryoyo
President Lincoln
Satanta
Mauna Lei
Mojave
Wilhelmina
Makura
Otokia
Stanley Dollar
Manukai
Shinyo
Malolo
Maui
Honolulu
Shintoku
Midway I.
Yamashiro
Saipan
Brisbane
Yap
Palau
Truk
Ponape
Jaluit
Tacoma
Shirahaya
Surigao
Legaspi
Zamboanga
Cap St. Jacques
Nanking
Tsuruga
Havre
Tango
Cheribon
Tone
Juyo
Omi
Kinai
Bandong
Rangoon
Seattle
Kanagawa
Nagato
Hololulu
Maiya
Taizan
Pinlich
Hankow
Shanghai
Hong Kong
Manila
Naha
Amoy
Swatow
Tsingtau
Chefoo
Dairen
Vladivostok
Maoka
Nemuro
Aomori
Niigata
Titizima
Hatidyôsima
Jaluit
Ponape
Truk
Yap
Palau
Brisbane
Saipan
Yamashiro
Midway I.
Satanta
Shintoku
Malolo
Maui
Honolulu
Otokia
Stanley Dollar
Manukai
Shinyo
Mauna Lei
Mojave
Wilhelmina
Makura
Matsonia
Tsuyama
SanLuis
Rakuyo
Taichee
Kwansai
Emma Alexander
Sitka
Kodiak
Dutch Harbor
Nome
Northland
Itasca
Surveyor
Wisconsin
Koyo
President Taft

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3162



Station / Hour of Observation	Taihoku 12h, 135E	Naha 12h, 135E	Nagasaki 12h, 135 E	Siomisaki 12h, 135 E	Kôbe 12h, 135E	Tyôsi 12h, 135E	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, 135E	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.)	758.2	758.6	759.1	755.2	756.3	752.7	755.3	756.7	756.2	750.4	747.0	754.9	759.4	760.1	759.3	761.1	761.5
Air Temperature (in C)	33.0	29.0	26.9	32.0	31.4	26.1	29.8	30.0	27.0	24.7	25.6	14.4	26.4	23.7	26.7	30.0	25.8
Direction and Force of Winds (0-12)	- 1	NNW 3	N 2	W 3	W 4	ENE 2	W 4	- 1	W 7	W 5	WSW 5	NE 3	N 3	S 2	S 2	WSW 2	- 1
Weather	clear	clear	fair	clear	fair	cloudy	cloudy	cloudy	fair	fair	clear	cloudy	clear	clear	clear	fair	fair

Station / Hour of Observation	Shanghai 12h, 135 E	Hankow 12h, 135 E	Saipan 12h, 135 E	Palau 12h, 135 E	Truk 7h,	Ponape 12h, 135 E	Jaluit 8h,	Hongkong 10h,	Manila 14h	Phu-Lien 10h,	Surigao 13h,	Yap 13h,	Honolulu Midnight G.M.T.	Midway I. Midnight G.M.T.	Nome 14h, 165W	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.)	760.6	759.9	756.1	756.4	-	756.4	758.5	-	* 755.3	* 756.8	* 754.8	* -	762.0	761.0	-	758.9	750.3
Air Temperature (in C)	28.9	29.4	27.0	28.0	-	31.0	29.9	-	31.0	25.0	31.0	-	26.0	-	-	12.0	14.0
Direction and Force of Winds (0-12)	E 2	E 2	WNW 2	SW 2	-	NNW 2	WSW 2	-	WSW 2	NW 3	W 3	-	NE 2	SE 3	-	SE 3	NW 2
Weather	fair	cloudy	cloudy	cloudy	-	cloudy	cloudy	-	fair	rain	fair	-	cloudy	clear	-	fair	cloudy

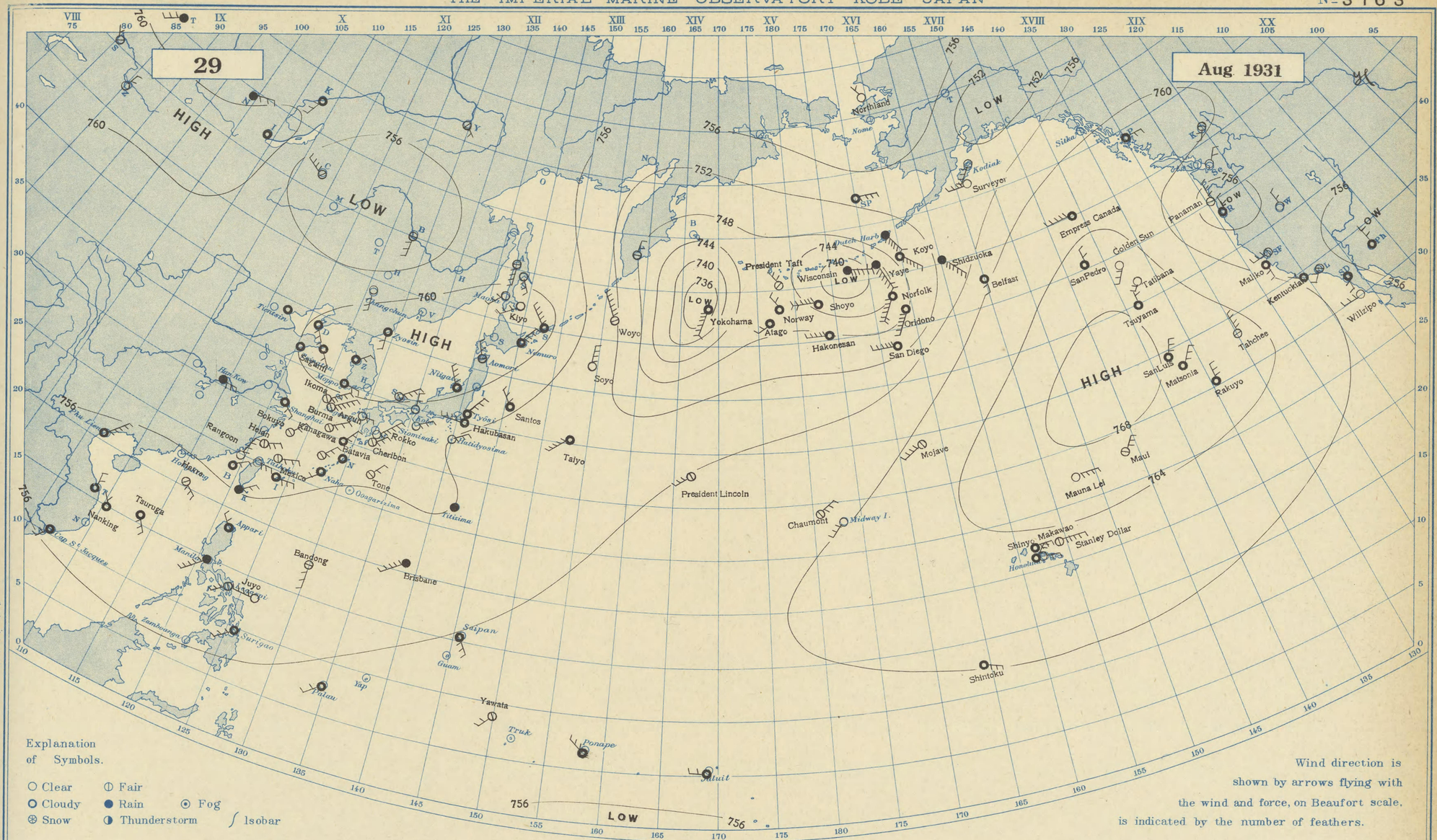
發行人 發行所 印刷人 販賣所 神戸市中山手通七丁目 海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 3163



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 scale, is indicated by the number of feathers.

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.)	756.6	756.6	757.6	756.9	758.1	758.2	755.6	756.2	760.9	760.6	761.8	761.7	760.5	762.2	758.5	759.8	760.1
Air Temperature (in C)	33.1	28.3	27.2	27.8	27.9	23.6	30.4	25.0	23.5	22.7	16.2	16.9	25.9	24.0	27.0	26.8	24.0
Direction and Force of Winds (0-12)	E 3	SW 2	E 2	ENE 3	N 2	NNE 4	ENE 3	calm	NNW 4	NNW 2	NE 4	SW 3	E 2	S 2	S 3	- 1	- 1
Weather	clear	cloudy	clear	clear	clear	cloudy	clear	rain	cloudy	fair	cloudy	clear	cloudy	cloudy	clear	cloudy	cloudy

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Saipan 12h, 135E	Palau 12h, 135E	Truk 7h,	Ponape 12h, 135E	Jaluit 8h,	Hongkong 10h,	Manila 14h	Phu-Lien 10h,	Surigao 15h,	Yap 15h,	Honolulu Midnight G.M.T.	Midway I. Midnight G.M.T.	Nome 14h, 165W	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.)	759.0	758.6	756.1	757.5	-	757.3	759.3	-	*755.4	*755.1	*754.2	* -	763.0	760.0	-	749.8	753.9
Air Temperature (in C)	27.9	26.3	28.7	26.5	-	29.5	27.5	-	26.0	25.0	33.0	-	26.0	-	-	12.0	20.0
Direction and Force of Winds (0-12)	ESE 2	E 3	SSE 3	SW 2	-	WNW 3	W 2	-	SW 5	NE 5	WSW 3	-	E 2	SW 3	-	SE 7	SW 4
Weather	cloudy	rain	cloudy	cloudy	-	cloudy	cloudy	-	rain	cloudy	cloudy	-	clear	clear	-	rain	clear

印刷人 發行所 神戸市中山手通七丁目 海洋氣象臺

昭和六年八月二日

北太平洋天氣圖

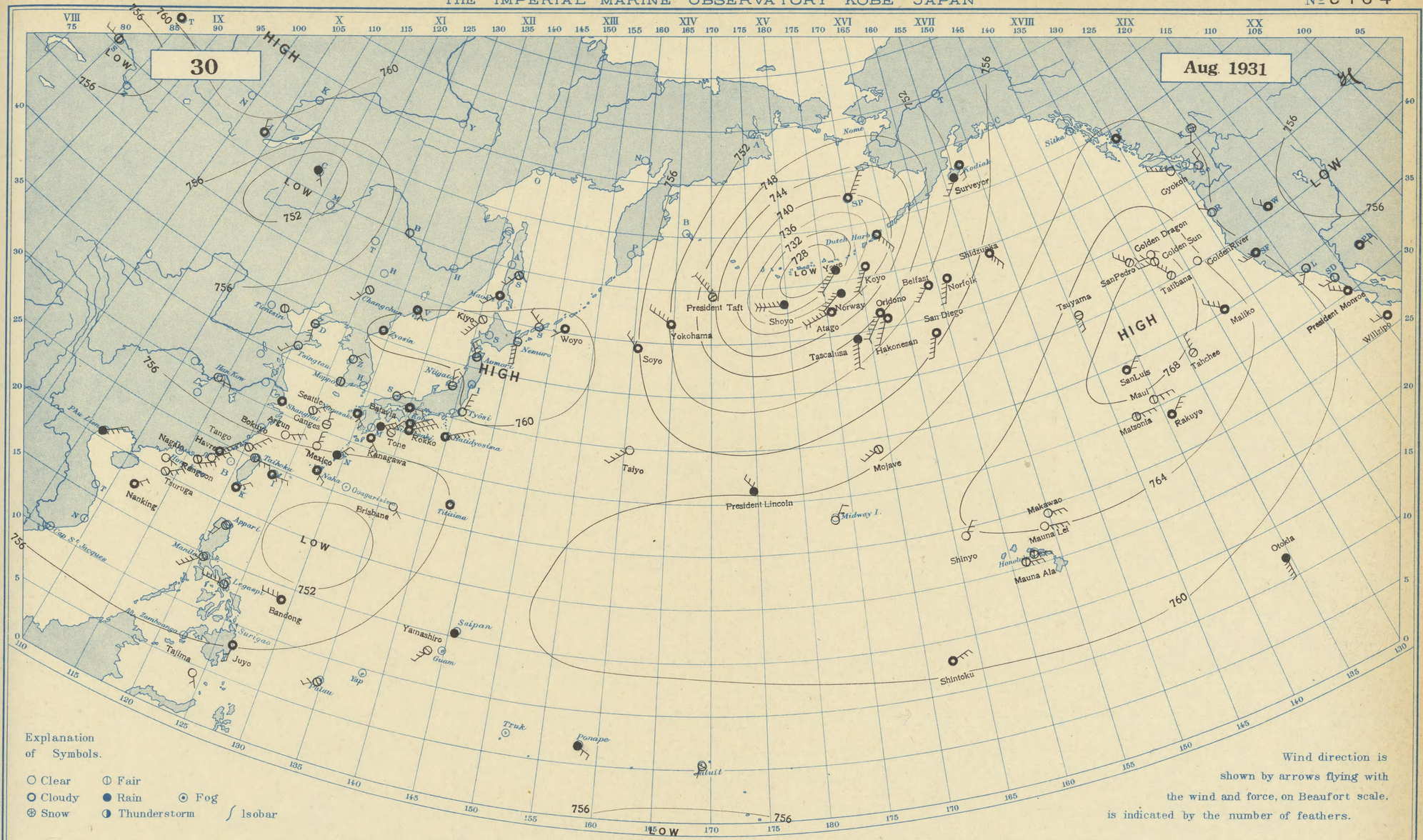
第三一六三號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3164



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.)	754.9	755.8	757.1	757.6	757.9	760.2	757.4	756.1	759.2	760.9	762.1	759.3	758.8	760.5	756.9	757.3	758.6
Air Temperature (in C)	31.9	29.8	24.9	25.4	28.0	24.5	25.8	30.8	26.0	21.9	16.5	17.4	25.6	20.8	26.8	29.9	26.2
Direction and Force of Winds (0-12)	E 3	ESE 2	ESE 2	ENE 5	E 2	NNE 4	ENE 6	- 1	N 2	NNW 3	S 5	SW 3	- 1	calm	SSW 2	- 1	SW 2
Weather	fair	cloudy	cloudy	cloudy	cloudy	clear	cloudy	cloudy	fair	fair	clear	cloudy	fair	cloudy	fair	fair	clear

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Saipan 12h, 135E	Palau 12h, 135E	Truk 7h,	Ponape 12h, 135E	Jaluit 8h,	Hongkong 10h,	Manila 14h	Phu-Lien 10h,	Surigao 13h,	Yap 13h,	Honolulu Midnight G.M.T.	Midway I. Midnight G.M.T.	Nome 14h, 165W	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.)	758.1	757.3	757.3	757.7	-	758.4	758.8	-	* 755.2	* 754.7	* 754.9	* -	762.0	760.5	-	737.6	754.9
Air Temperature (in C)	24.0	29.2	28.1	29.2	-	24.7	30.4	-	32.0	26.0	31.0	-	24.0	-	-	14.0	14.0
Direction and Force of Winds (0-12)	- 1	E 2	- 1	WSW 2	-	ESE 2	SSW 1	-	SW 5	ENE 5	calm	-	E 3	NE 2	-	SE 5	S 2
Weather	cloudy	clear	rain	fair	-	rain	fair	-	fair	rain	fair	-	fair	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

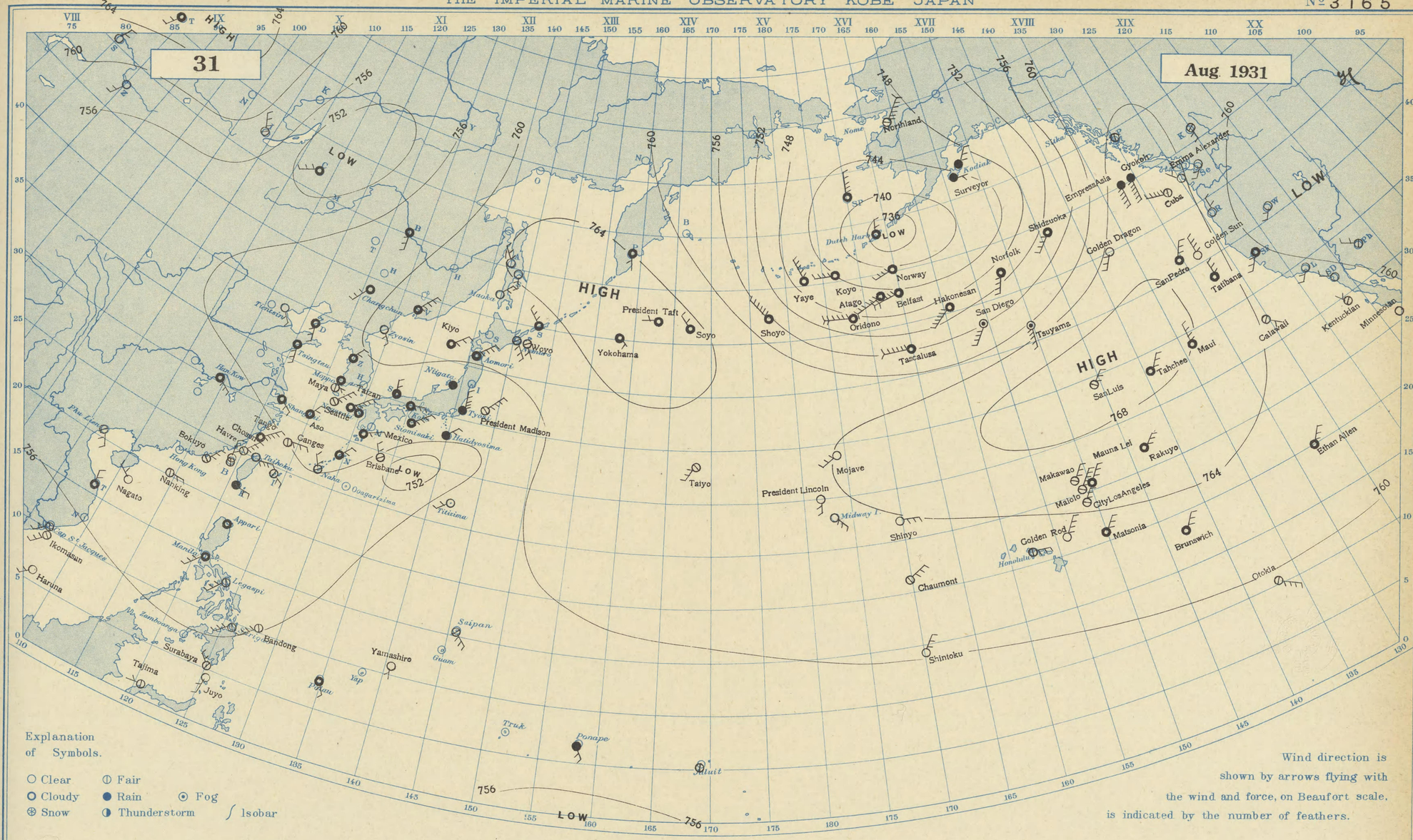
(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№3165

31

Aug. 1931



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 scale, is indicated by the number of feathers.

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.)	753.8	756.1	756.8	757.5	757.3	759.3	756.2	757.0	758.2	760.4	763.2	763.6	758.6	761.0	757.1	757.1	758.0
* not reduced to Strd. Gr.																	
Air Temperature (in C)	32.7	28.7	26.9	24.2	24.7	21.2	26.6	30.8	23.2	21.4	17.7	20.7	24.8	21.3	23.9	27.8	25.7
Direction and Force of Winds (0-12)	E 4	NNW 2	- 1	ENE 4	E 3	N 5	NE 2	SW 2	- 1	NE 4	SSE 3	NE 2	- 1	SSE 2	SSW 3	SE 2	S 3
Weather	clear	fair	cloudy	cloudy	cloudy	rain	rain	clear	rain	cloudy	fair	clear	cloudy	clear	cloudy	clear	cloudy

Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Saipan 12h, 135E	Palau 12h, 135E	Truk 7h,	Ponape 12h, 135E	Jaluit 8h,	Hongkong 10h,	Manila 14h	Phu-Lien 10h,	Surigao 13h,	Yap 13h,	Honolulu Midnight G.M.T.	Midway I. Midnight G.M.T.	Nome 14h, 165W	Dutch Harbor Midnight G.M.T.	Kodiak Midnight G.M.T.
Atm. Pressure (Red. to m.s.l. and Strd Gr.)	757.3	755.4	758.0	757.6	-	757.1	759.6	-	* 755.0	* 754.1	* 755.2	* -	762.0	763.0	-	735.1	744.2
* not reduced to Strd Gr.																	
Air Temperature (in C)	28.7	29.8	29.2	29.6	-	27.7	28.5	-	30.0	29.0	32.0	-	26.0	-	-	10.0	11.0
Direction and Force of Winds (0-12)	ESE 2	ESE 3	SE 3	SSE 2	-	SSE 2	calm	-	SW 3	SSE 2	WSW 3	-	E 3	SE 3	-	N 2	NE 3
Weather	cloudy	cloudy	fair	cloudy	-	rain	fair	-	cloudy	fair	fair	-	fair	clear	-	cloudy	rain

発行人発行所 神戸市中山手通七丁目 印刷人取締所 海洋氣象臺

昭和六年八月一三日 北太平洋天氣圖 第三一六五號

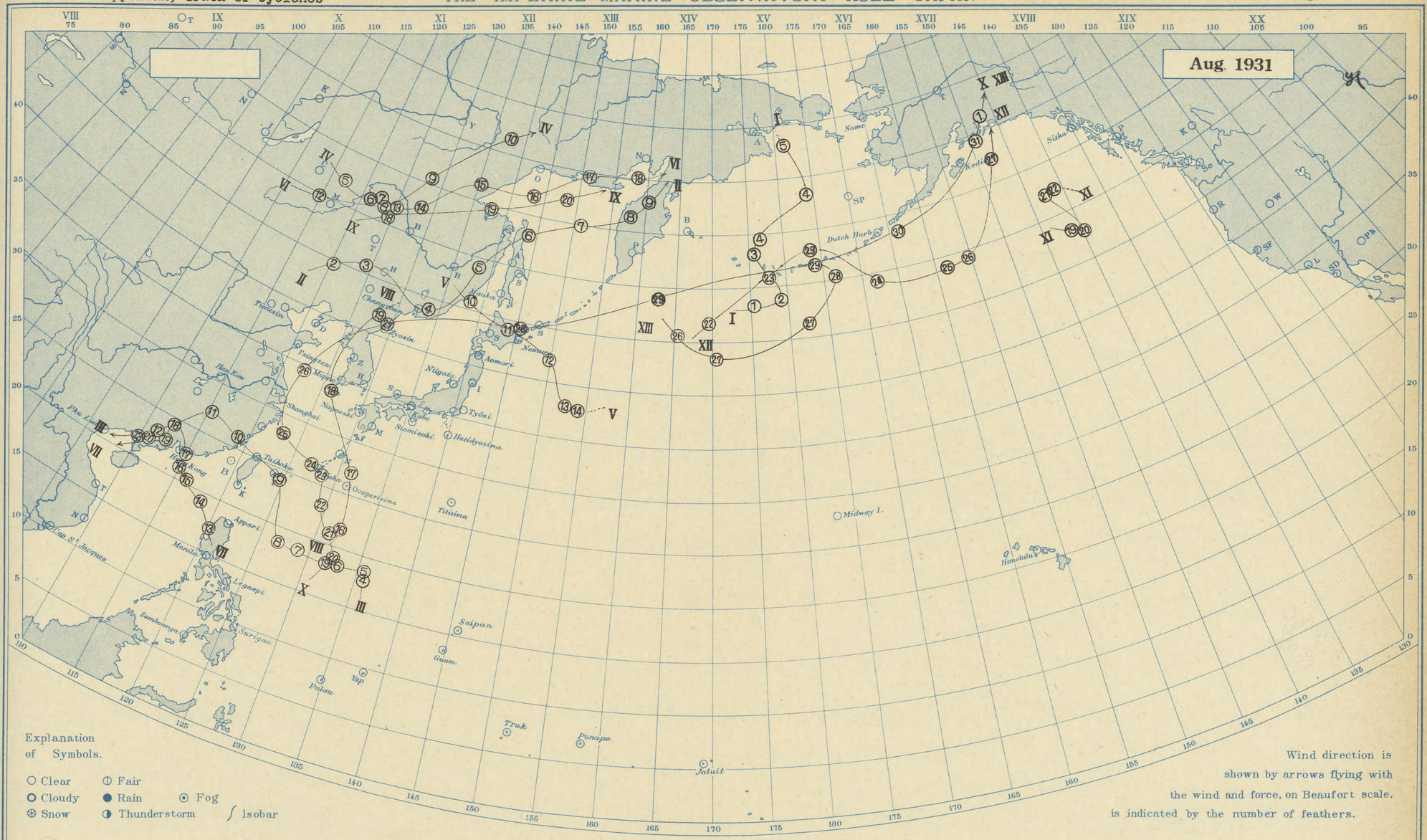
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(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 scale, is indicated by the number of feathers.

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																	

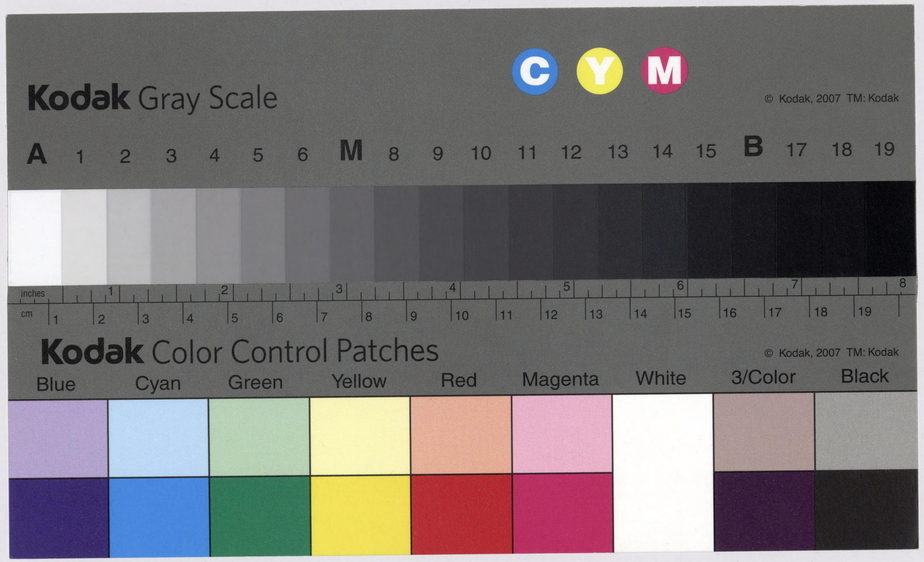
Station Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Saipan 12h, 135E	Palau 12h, 135E	Truk 7h,	Ponape 12h, 135E	Jaluit 8h,	Hongkong 10h,	Manila 14h	Phu-Lien 10h,	Surigao 14h,	Yap 14h,	Honolulu Midnight G.M.T.	Midway I. Midnight G.M.T.	Nome 14h, 165W	Dutch Harbor Midnight G.M.T.	Kodiak Midnight G.M.T.
Atm. Pressure (Red. to m.s.l. and Strd Gr. / * not reduced to Strd Gr.) Air Temperature (in C) Direction and Force of Winds (0-12) Weather									*	*	*	*					

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

昭和六年八月 日 北太平洋天氣圖 附錄 低氣壓經路 第 號

昭和七年二月十五日印刷
昭和七年二月十八日發行

發行兼印刷者　海洋氣象臺
　　神戸市中山手通七丁目
印刷所　海洋氣象臺


Kodak Gray Scale
C
Y
M
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A 1 2 3 4 5 6 M 8 9 10 11 12 13 14 15 B 17 18 19
inches 1 2 3 4 5 6 7 8
cm 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Kodak Color Control Patches
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Cyan
Green
Yellow
Red
Magenta
White
3/Color
Black