北太平洋天氣圖

昭和四年十月

神戶

海洋氣象臺

DAILY WEATHER CHARTS

OF THE

NORTH PACIFIC OCEAN.

OCTOBER

1929

寄贈
15.5.19
帝國圖書館

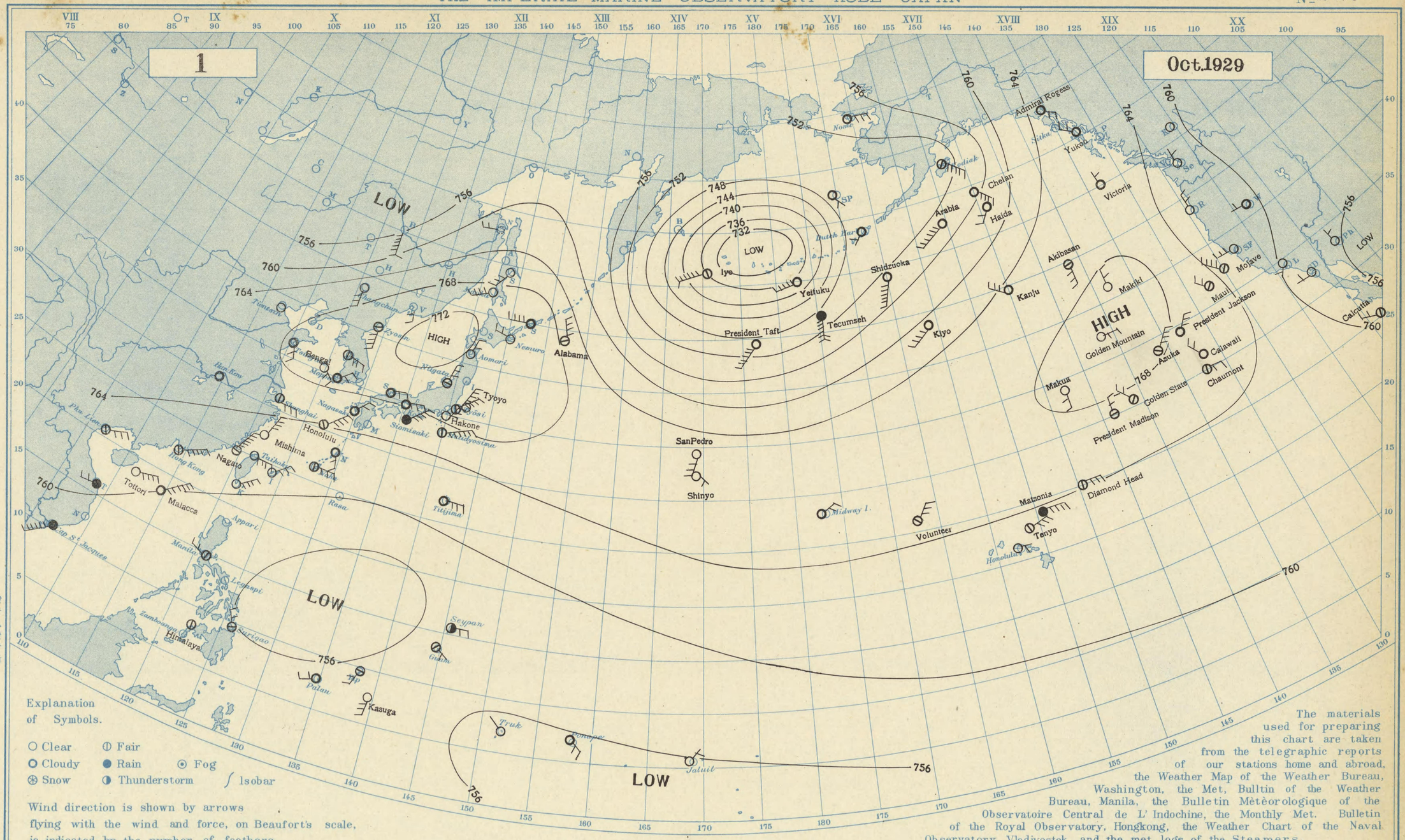
THE IMPERIAL MARINE OBSERVATORY,
KOBE, JAPAN.

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2466



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.)	762.2	762.0	766.4	767.2	767.8	770.3	767.0	761.9	770.1	771.8	771.4	769.0	768.5	771.0	765.2	767.2	768.1
Air Temperature (in C)	29.5	27.3	22.0	18.3	20.6	18.6	22.2	30.9	19.8	17.5	12.8	13.2	22.0	17.2	19.9	22.6	21.4
Direction and Force of Winds (0-12)	E 4	E 3	NE 2	NE 5	E 3	NE 4	ENE 7	E 3	NNE 3	NNE 2	WNW 2	WSW 4	NE 2	S 4	S 3	- 1	SSE 2
Weather	clear	fair	cloudy	rain	cloudy	fair	fair	cloudy	fair	clear	clear	clear	cloudy	fair	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 19h, 135W	Kodiak 19h, 135W
Atm. Pressure (Red. to m.s.l. and Strd Gr. / * not reduced to Strd Gr.)	766.4	766.6	-	756.5	762.3	*757.8	*757.0	*757.3	*757.3	762.5	755.9	757.8	762.5	766.6	752.8	750.3	750.3
Air Temperature (in C)	25.2	24.0	-	28.8	28.0	32.0	30.0	-	-	28.0	25.3	29.4	26.0	-	8.0	10.0	11.0
Direction and Force of Winds (0-12)	E 3	- 1	-	WSW 2	ENE 5	WNW 2	NNW 2	SE 1	SSW 2	ENE 3	NW -	NE 1	E 1	NE 2	E 3	SW 1	SE 5
Weather	fair	cloudy	-	cloudy	fair	fair	fair	fair	fair	fair	-	-	clear	cloudy	cloudy	cloudy	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

昭和四年一〇月一日

北太平洋天氣圖

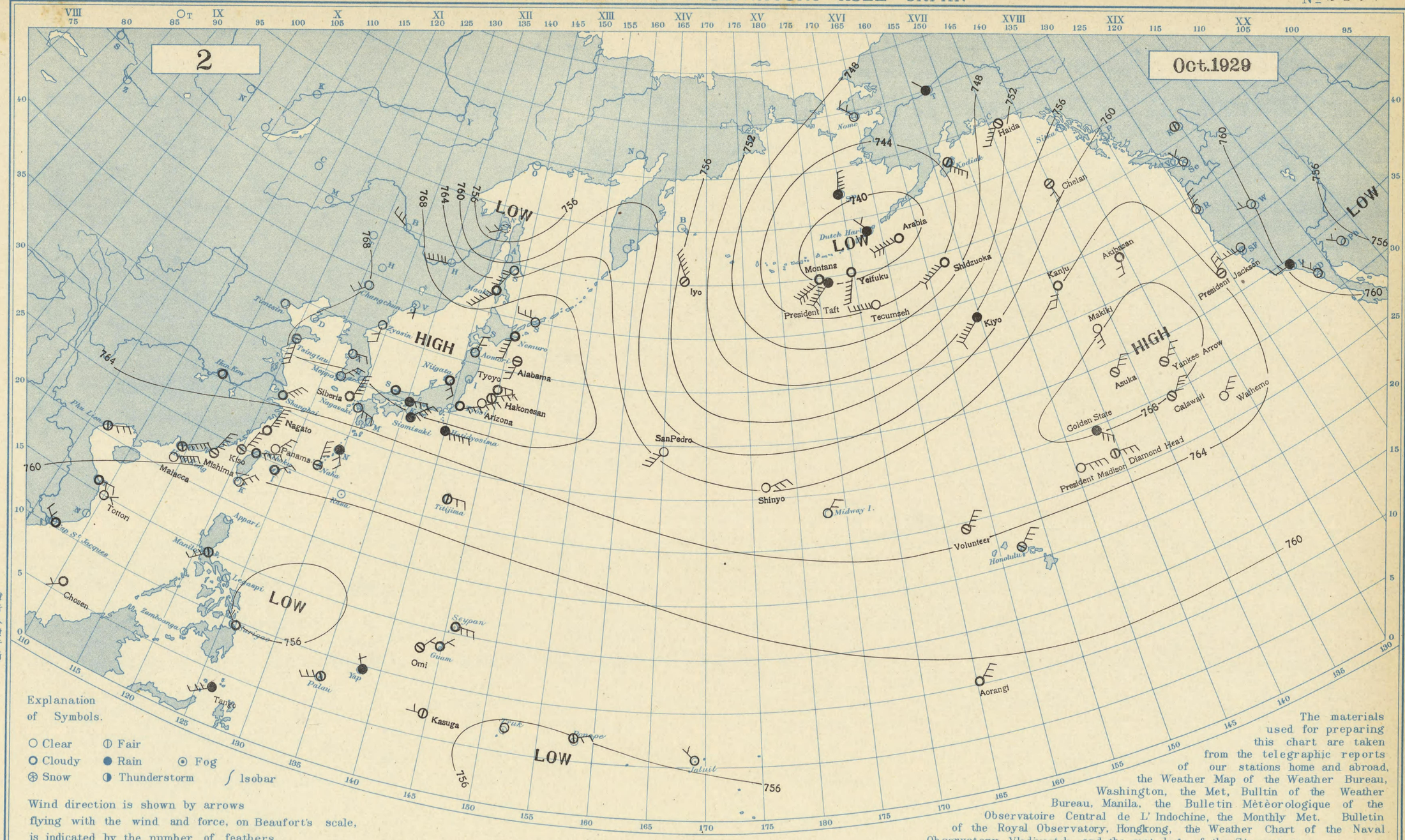
第二四六六號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 2467



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.)	761.5	761.2	764.6	767.4	768.9	770.7	767.3	761.4	768.9	770.5	770.9	766.5	767.3	770.7	768.0	767.5	768.1
* not reduced to Strd. Gr.																	
Air Temperature (in C)	28.5	26.7	25.7	18.4	17.2	19.0	21.6	31.0	22.2	29.4	15.5	15.4	24.0	19.0	21.8	25.6	23.1
Direction and Force of Winds (0-12)	ENE 4	N 4	ESE 3	NE 5	E 3	ENE 3	E 5	E 2	SSE 2	NNE 2	SSW 5	SW 6	NE 3	S 2	SW 2	- 1	S 4
Weather	cloudy	fair	clear	rain	rain	cloudy	rain	fair	cloudy	clear	cloudy	cloudy	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 15h, 135W G.M.T.
Atm. Pressure (Red. to m.s.l. and Strd Gr.)	766.4	765.7	-	756.3	762.3	*757.4	*756.8	*756.9	*757.6	761.8	754.9	758.2	761.5	766.1	745.7	733.5	745.2
* not reduced to Strd Gr.																	
Air Temperature (in C)	23.5	22.3	-	29.2	27.0	31.0	26.0	-	-	29.0	25.0	29.0	26.0	-	9.0	8.0	10.0
Direction and Force of Winds (0-12)	NE 4	- 1	-	WSW 3	ENE 6	SW 3	NW 1	NE 1	NNW 1	ENE 3	calm	NW 1	NE 3	NE 2	NW 2	NW 1	SE 5
Weather	cloudy	cloudy	-	fair	fair	fair	cloudy	cloudy	rain	fair	-	-	fair	clear	clear	rain	fair

發行人 印刷人 神戸市中山手通七丁目 海洋氣象臺

昭和四年一〇二月日

北太平洋天氣圖

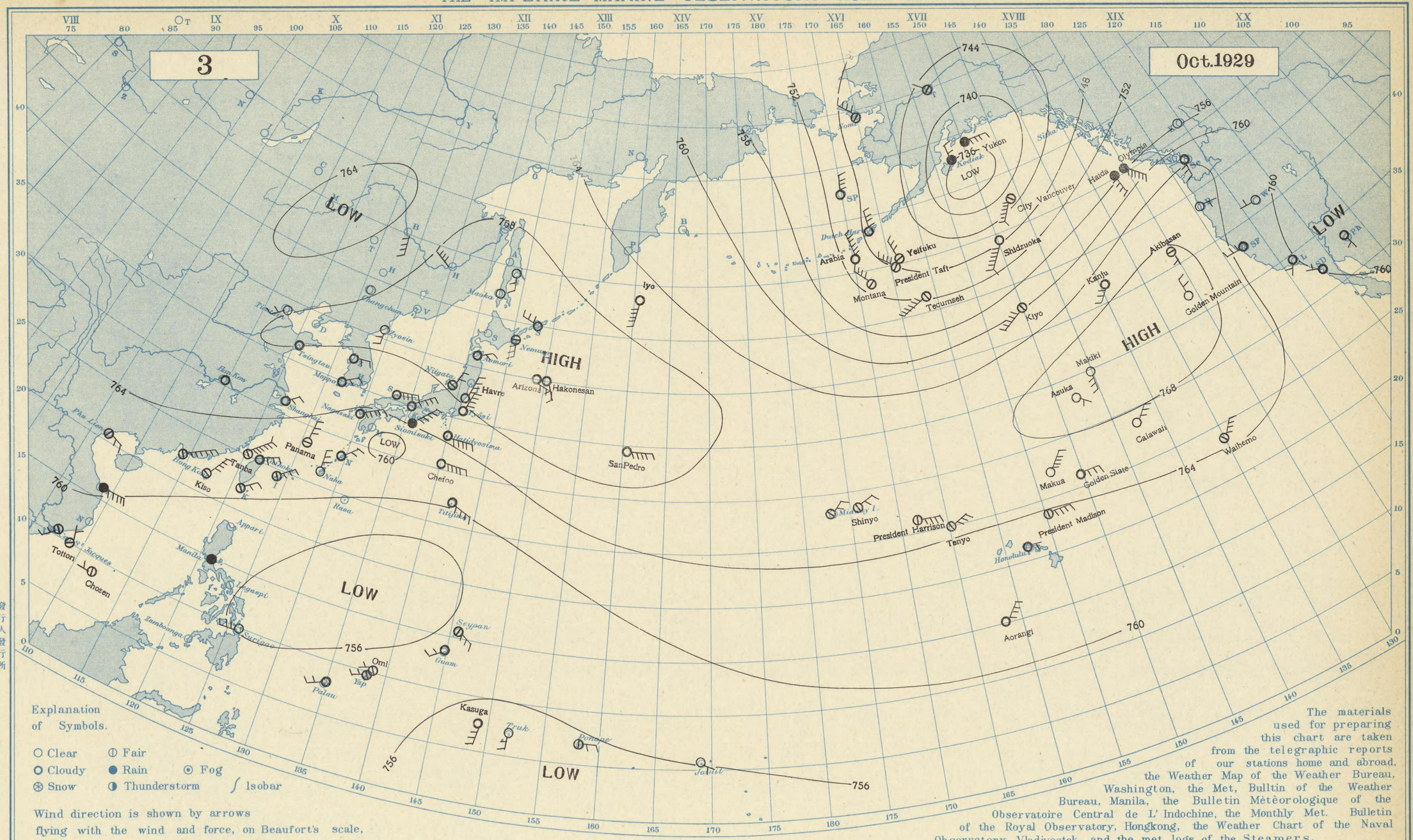
第二四六七號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 2468



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.)	761.2	761.0	763.3	764.1	764.8	768.0	764.5	760.0	768.1	769.4	770.8	770.4	765.9	770.1	766.9	767.9	768.0
* not reduced to Strd. Gr.	31.5	27.2	22.7	18.9	22.0	19.6	22.4	29.1	20.0	19.6	17.4	15.6	25.2	20.1	24.4	25.1	21.6
Air Temperature (in C)	ENE 3	N 3	ENE 5	NE 5	ENE 4	NNE 4	E 5	ESE 4	NNE 2	ENE 2	S 3	- 1	ENE 2	S 2	- 1	SW 2	calm
Direction and Force of Winds (0-12)	cloudy	clear	cloudy	rain	cloudy	cloudy	cloudy	cloudy	fair	cloudy	fair	clear	cloudy	clear	clear	clear	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.)	765.1	765.8	-	757.7	761.8	* 757.0	* 756.5	* 756.2	* 758.2	762.1	755.8	758.0	762.0	765.5	747.3	746.8	748.8
* not reduced to Strd Gr.)	24.6	22.5	-	27.9	28.0	24.0	31.0	-	-	29.0	27.2	28.2	26.0	-	4.0	8.0	9.0
Air Temperature (in C)	NE 2	- 1	-	WSW 2	ENE 6	calm	W 3	SW 2	WSW 2	ESE 2	S 2	ESE 1	E 1	NE 2	NW 4	N 4	N 2
Direction and Force of Winds (0-12)	cloudy	cloudy	-	cloudy	fair	rain	clear	cloudy	fair	fair	-	-	cloudy	fair	fair	cloudy	rain
Weather																	

印刷人 發行人 印刷所 神戸市中山手通七丁目 海洋氣象臺

昭和四年一〇月三日

北太平洋天氣圖

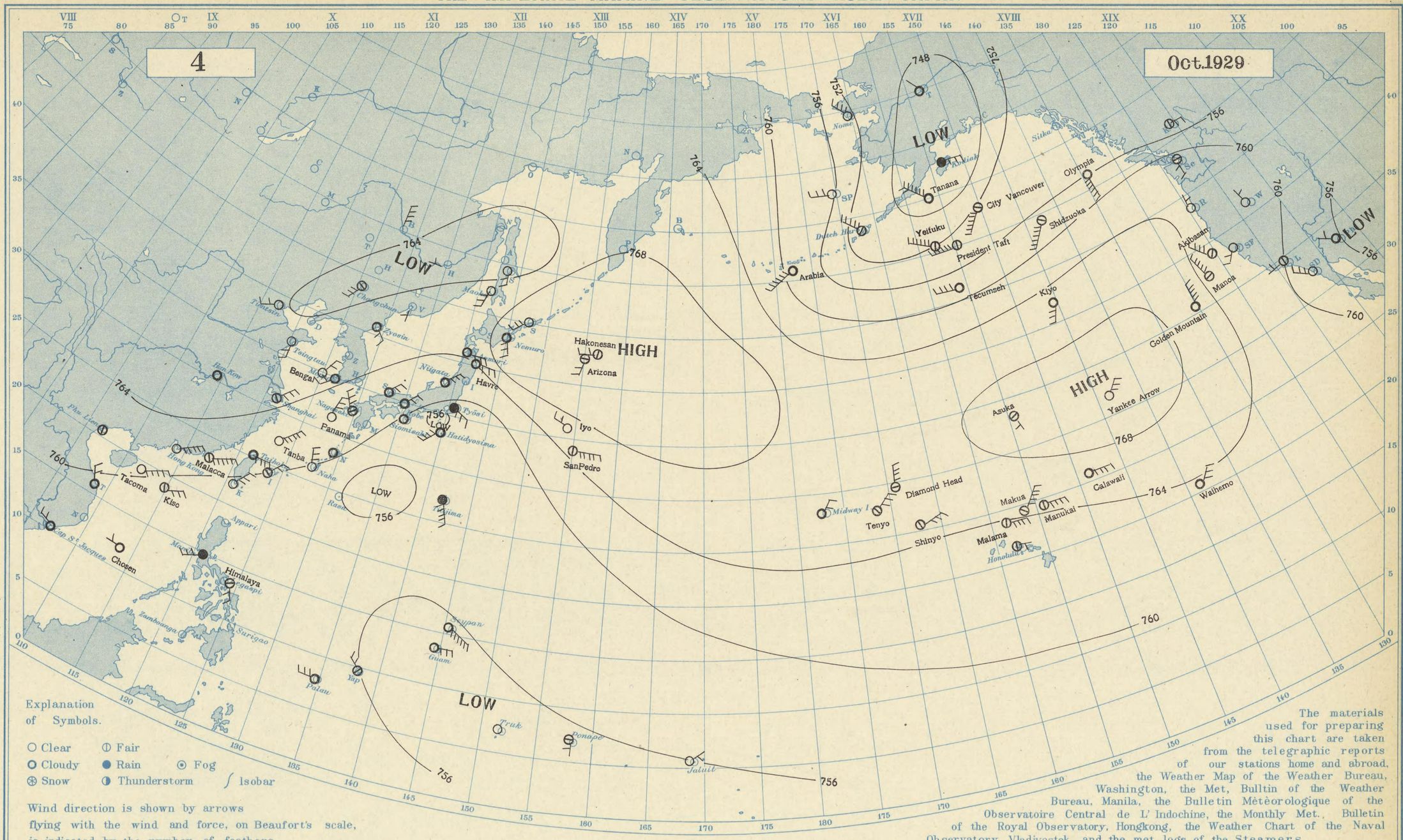
第二四八六號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2469



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.)	761.7	759.9	761.4	759.0	761.6	758.6	758.4	758.6	761.9	764.4	769.4	766.8	764.3	766.1	762.6	764.2	765.7
Air Temperature (in C)	27.2	26.8	25.2	22.5	20.8	21.2	25.2	24.3	19.4	21.0	18.6	17.1	24.6	18.8	22.4	26.3	23.0
Direction and Force of Winds (0-12)	E 4	NNW 3	NNW 3	calm	NE 2	ESE 3	SW 4	SSE 5	NE 3	E 3	SSE 3	SSW 3	SW 2	SE 2	SSW 3	WSW 2	S 2
Weather	cloudy	clear	fair	cloudy	cloudy	rain	cloudy	rain	cloudy	cloudy	cloudy	clear	cloudy	cloudy	fair	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.)	764.6	764.9	-	757.1	761.9	*756.5	* -	*755.0	* 757.4	761.9	756.1	757.9	762.0	766.1	752.8	742.2	745.2
Air Temperature (in C)	25.5	23.6	-	29.5	28.0	29.0	-	-	-	29.0	26.1	28.4	26.0	-	2.0	12.0	9.0
Direction and Force of Winds (0-12)	NE 3	- 1	-	W 3	ENE 5	WSW 3	-	E 3	NW 2	calm	calm	ENE 1	E 1	NE 2	NW 4	NW 5	E 3
Weather	fair	cloudy	-	cloudy	clear	rain	-	cloudy	fair	cair	-	-	fair	cloudy	clear	fair	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

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

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.)	760.2	759.2	761.9	758.8	760.8	757.6	757.1	757.2	759.5	758.9	755.4	762.6	763.7	762.5	765.5	764.0	764.0
Air Temperature (in C)	29.7	26.4	24.1	24.6	23.9	21.4	25.4	27.3	21.3	20.2	13.7	13.4	23.4	19.4	7.6	19.1	22.4
Direction and Force of Winds (0-12)	ENE 4	ENE 3	N 2	SSE 2	ENE 3	NE 2	WNW 2	SSW 2	NW 5	NNE 2	NNE 7	E 2	- 1	S 2	NNW 2	NE 3	- 1
Weather	clear	cloudy	clear	clear	fair	fair	fair	rain	cloudy	fair	rain	cloudy	fair	cloudy	rain	rain	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.)	763.1	763.4	-	756.1	760.3	*756.2	*756.1	*754.7	*755.2	760.2	756.1	757.0	760.5	-	758.9	752.3	753.9
Air Temperature (in C)	25.9	20.5	-	25.8	28.0	27.0	31.0	-	-	29.0	25.2	30.7	26.0	-	2.0	9.0	11.0
Direction and Force of Winds (0-12)	E 2	- 1	-	W 4	ENE 6	SSW 2	W 3	S 4	WSW 3	E 2	calm	NE 1	E 1	-	NW 3	SE 1	S 1
Weather	fair	rain	-	rain	fair	rain	fair	cloudy	rain	fair	-	-	cloudy	-	clear	cloudy	clear

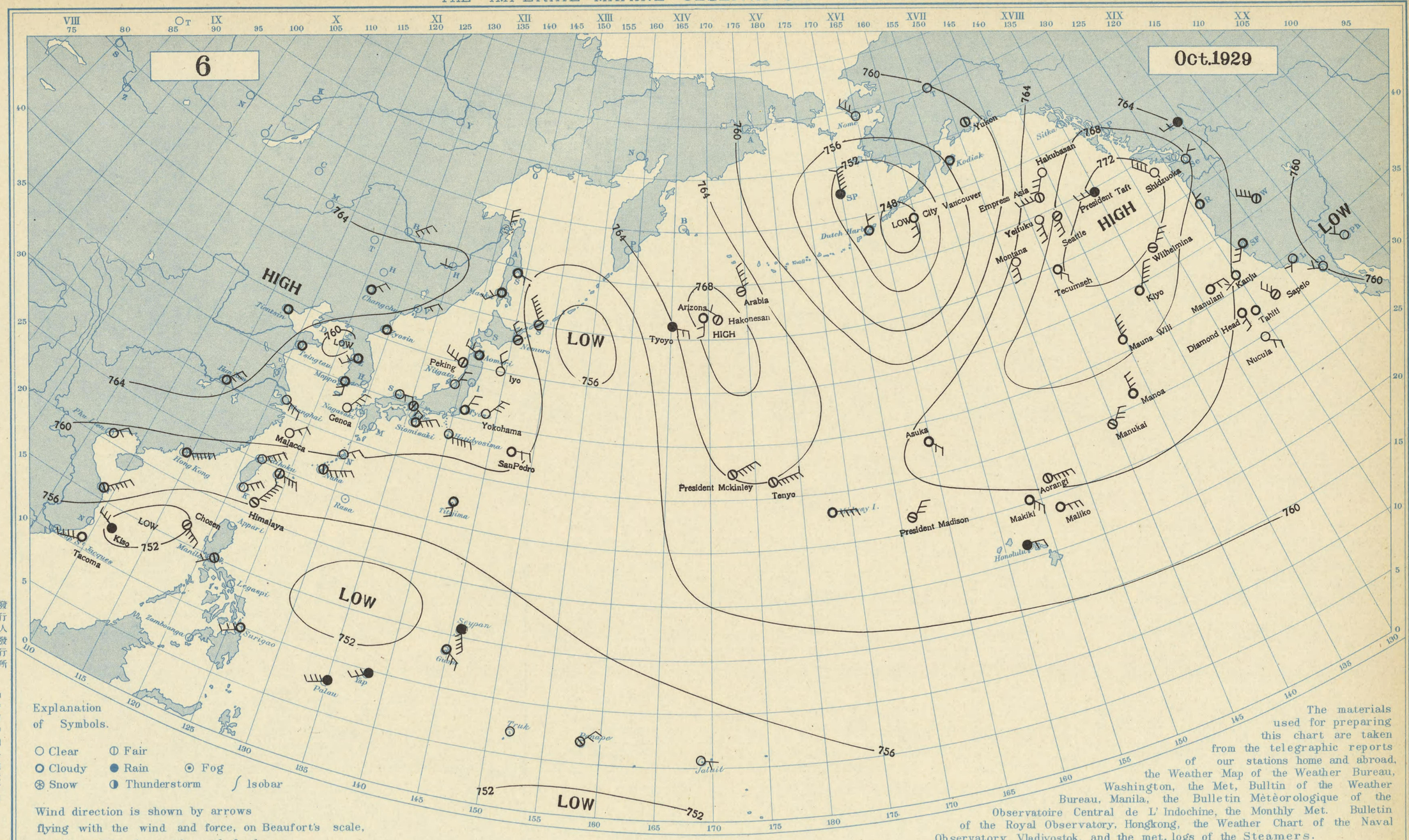
發行人發行所 印刷人販賣所 神戸市中山手通七丁目 海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2471



Explanation of Symbols.

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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.)	758.5	759.2	761.7	761.9	762.1	763.1	761.9	758.1	763.0	762.5	761.2	761.3	762.1	761.2	764.8	765.3	762.0
Air Temperature (in C)	30.9	27.7	25.3	23.2	24.1	21.4	24.2	29.7	21.9	22.4	15.6	13.1	24.2	19.1	10.9	14.1	18.7
Direction and Force of Winds (0-12)	NE 4	ENE 5	- 1	ENE 4	SE 2	NNE 2	E 5	S 2	NNE 2	WNW 2	NNW 2	SW 2	S 2	- 1	NE 2	- 1	- 1
Weather	clear	fair	clear	cloudy	fair	cloudy	clear	cloudy	clear	cloudy	fair	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 20h, 135W	Kodiak 20h, 135W
Atm. Pressure (Red. to m.s.l. and Strd Gr. / * not reduced to Strd Gr.)	761.2	765.2	-	754.5	759.2	* 755.7	* 755.6	* 755.0	* 754.0	759.5	754.8	756.6	761.0	761.0	758.9	750.3	755.9
Air Temperature (in C)	25.5	17.8	-	26.4	26.0	30.0	24.0	-	-	29.0	26.4	31.1	22.0	-	1.0	8.0	9.0
Direction and Force of Winds (0-12)	ESE 3	NNE 3	-	WSW 4	ENE 6	SW 1	WSW 3	SE 3	SW 3	NE 2	calm	E 1	E 2	E 4	NW 3	N 1	calm
Weather	clear	cloudy	-	rain	cloudy	fair	cloudy	cloudy	rain	clear	-	-	rain	cloudy	clear	cloudy	cloudy

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

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

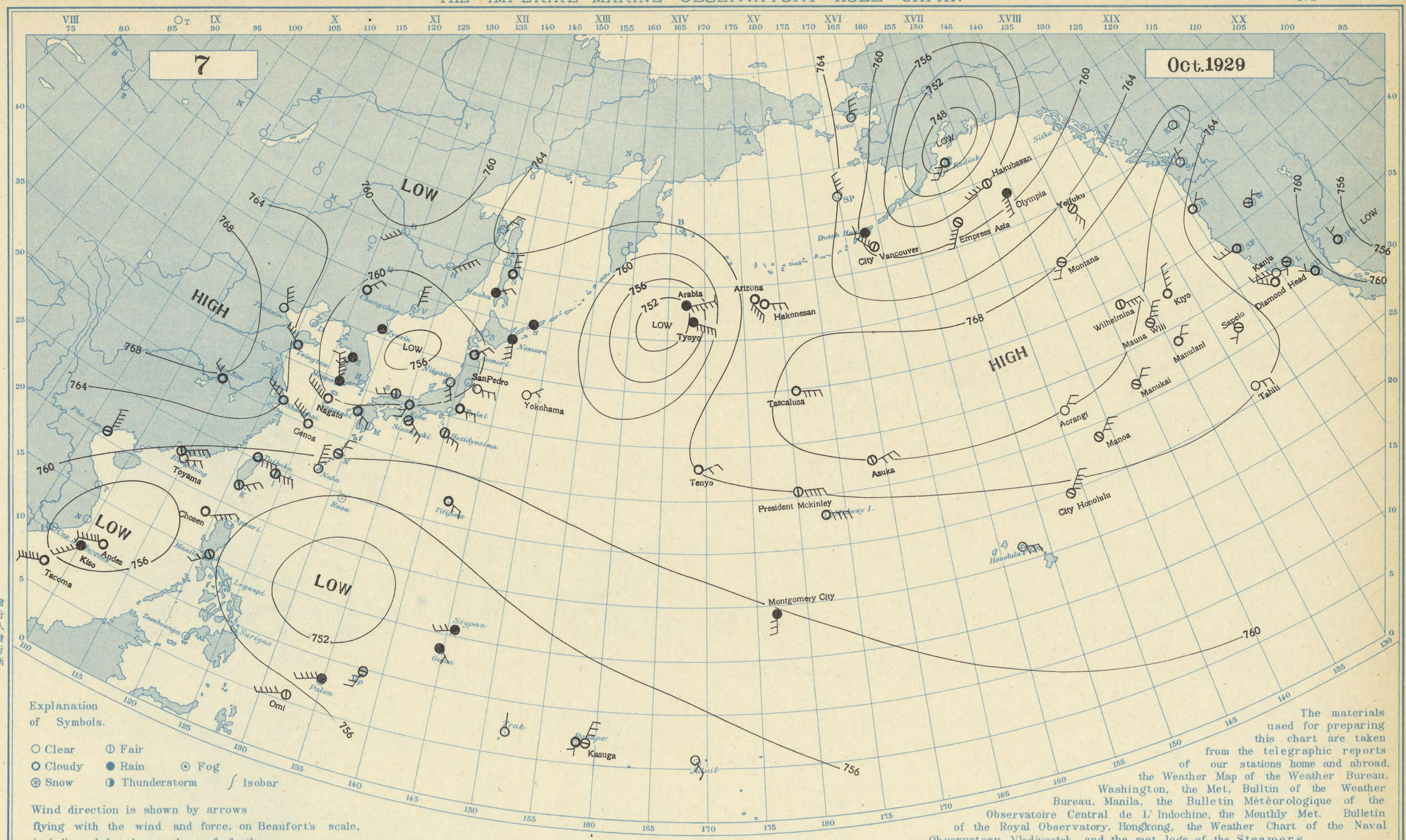
昭和四年一月⊙六日
北太平洋天氣圖
第二四七一號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 2472



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.)	759.8	759.1	760.2	760.6	759.6	762.1	761.6	758.7	759.4	759.2	761.3	760.9	759.2	757.5	758.3	765.0	763.2
Air Temperature (in C)	28.7	26.3	23.3	25.5	25.3	22.2	25.6	30.5	27.4	21.9	15.6	10.6	15.7	12.2	13.2	14.6	16.6
Direction and Force of Winds (0-12)	E 4	N 5	ESE 2	SE 3	SSW 2	E 2	ESE 3	ESE 2	SSE 3	NE 2	S 3	ENE 2	NNW 7	- 1	NNE 2	NNW 4	NW 4
Weather	cloudy	clear	cloudy	fair	cloudy	fair	fair	cloudy	clear	cloudy	rain	rain	rain	rain	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.)	764.1	767.9	-	755.2	759.5	*756.0	* -	*756.5	* 755.3	761.0	755.4	756.4	763.0	763.0	763.5	758.4	745.2
Air Temperature (in C)	19.9	21.7	-	24.6	29.0	29.0	-	-	-	26.0	27.1	28.6	26.0	-	2.0	7.0	10.0
Direction and Force of Winds (0-12)	WNW 4	NW 2	-	WSW 5	ENE 5	SW 2	-	SE 1	SSW 3	N 5	N -	SSE 2	E 3	E 4	N 3	W 1	SW 3
Weather	cloudy	cloudy	-	rain	fair	fair	-	rain	fair	fair	-	-	clear	cloudy	clear	rain	cloudy

発行人 印刷人 販賣所 神戸市中山手通七丁目 海洋氣象臺

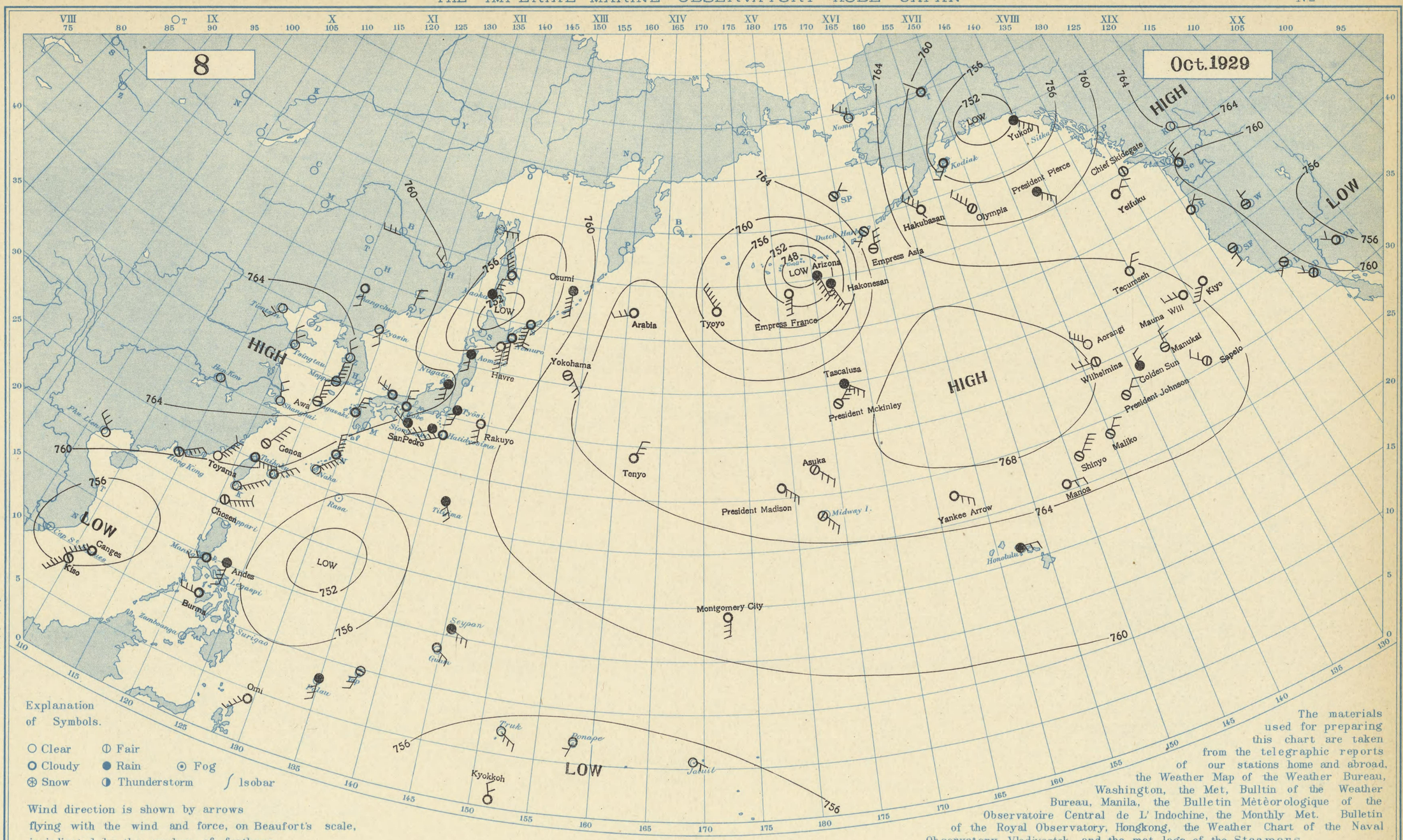
昭和一〇年四月七日 北太平洋天氣圖 第二四七二號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2473



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.)	762.0	758.0	761.9	757.8	760.8	758.3	757.9	757.4	760.7	756.6	754.1	752.4	764.3	762.4	763.0	764.8	766.3
Air Temperature (in C)	25.1	25.5	20.5	23.7	18.5	23.0	27.1	26.7	16.7	16.6	17.0	8.6	20.0	17.3	11.1	16.5	15.5
Direction and Force of Winds (0-12)	E 5	NNE 6	NNE 3	NW 2	N 2	SSW 3	WSW 4	SSE 3	S 3	S 2	S 6	NNE 3	N 5	SSE 2	S 2	SW 2	NNW 2
Weather	cloudy	clear	cloudy	rain	cloudy	rain	cloudy	rain	rain	rain	cloudy	rain	fair	clear	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 18:30h	Kodiak 18:30h
Atm. Pressure (Red. to m.s.l. and Strd Gr. / * not reduced to Strd Gr.)	765.5	766.3	-	756.7	760.0	* 757.2	* -	* 758.6	* 758.0	760.9	756.1	757.2	762.5	765.0	764.5	764.5	753.4
Air Temperature (in C)	21.9	23.5	-	28.2	27.0	26.0	-	-	-	27.0	27.0	30.2	26.0	-	0.	6.0	10.0
Direction and Force of Winds (0-12)	NNW 2	- 1	-	S 3	ENE 5	WSW 2	-	SE 2	SSW 3	NW 3	SE 3	ESE 1	E 3	SE 4	NW 3	SW 1	SW 2
Weather	clear	clear	-	rain	fair	cloudy	-	cloudy	fair	clear	-	-	rain	fair	clear	fair	cloudy

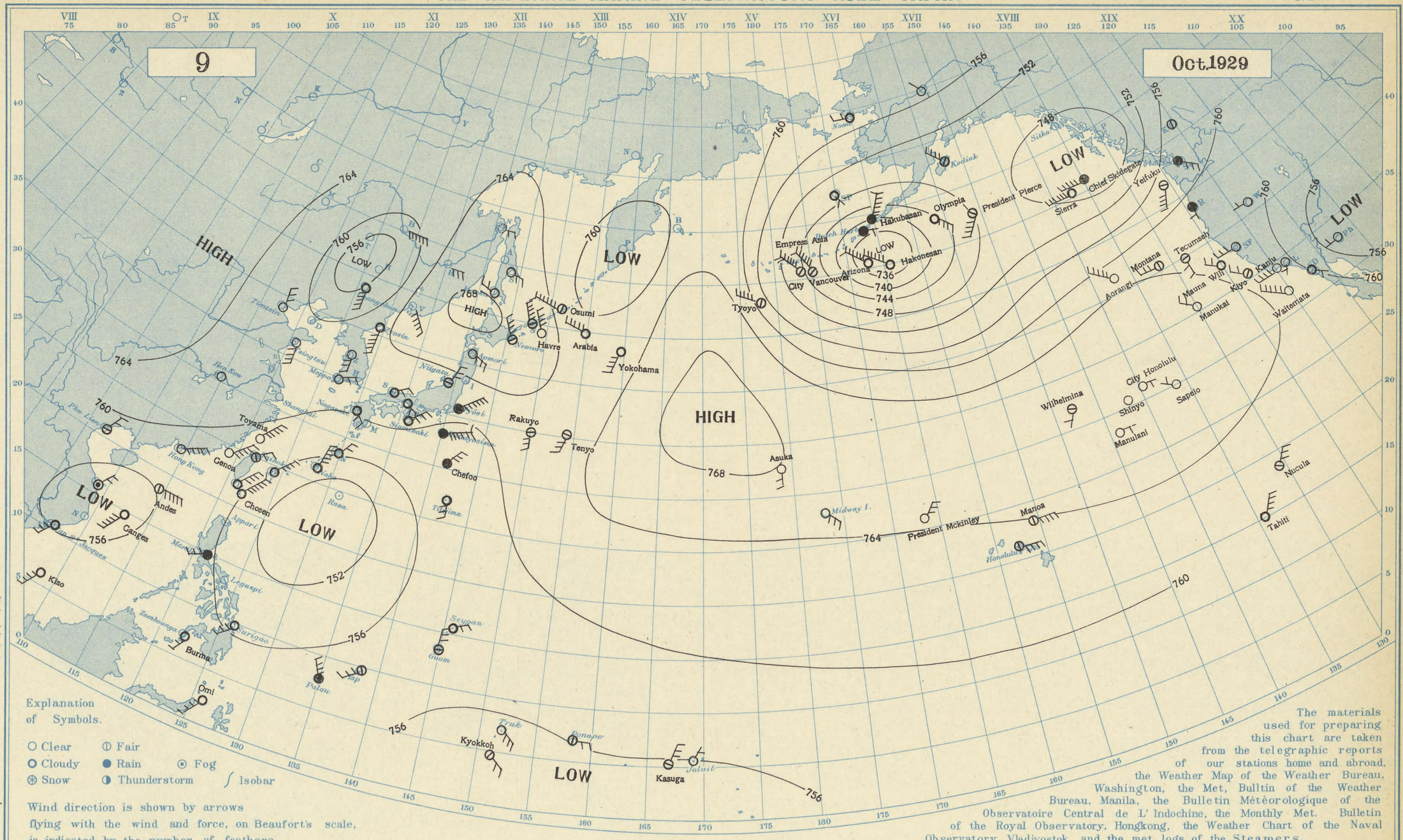
發行人發行所 印刷人販賣所 神戶市中山手通七丁目 海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

Nº 2474



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.)	759.0	754.0	759.9	760.4	760.9	762.0	758.1	757.7	762.9	765.9	767.0	767.8	762.7	763.5	756.2	761.0	761.6
Air Temperature (in C)	27.3	25.8	21.8	22.0	21.8	19.3	21.6	27.5	20.1	19.8	14.0	10.6	21.5	15.5	13.6	18.4	20.7
Direction and Force of Winds (0-12)	NE 2	NNE 5	SE 2	NE 3	SE 2	NE 6	ENE 7	S 3	NNE 3	ESE 3	NNW 4	WNW 2	ENE 2	S 5	S 5	N 3	S 4
Weather	fair	cloudy	cloudy	cloudy	cloudy	rain	rain	cloudy	fair	clear	fair	clear	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 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.)	762.2	762.6	-	757.7	759.0	*756.3	*756.8	*757.3	*758.1	758.9	755.2	756.9	761.0	764.5	757.9	736.6	749.8
Air Temperature (in C)	21.9	24.9	-	24.2	27.0	26.0	31.0	-	-	29.0	28.2	29.4	26.0	-	2.0	4.0	7.0
Direction and Force of Winds (0-12)	calm	- 1	-	NNW 4	ENE 5	WSW 3	SW 3	N 3	SW 3	NNE 2	SE 3	NE 1	E 4	SE 3	W 2	E 1	NW 4
Weather	fair	clear	-	rain	clear	rain	cloudy	fair	fair	fair	-	-	fair	clear	cloudy	rain	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

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
Atm. Pressure (Red. to m.s.l. and Strd. Gr.; * not reduced to Strd. Gr.)	758.6	748.0	757.5	754.7	755.9	756.8	754.9	756.5	756.6
Air Temperature (in C)	27.2	24.0	21.8	18.4	18.2	18.2	21.2	29.1	20.7
Direction and Force of Winds (0-12)	NNE 3	NNE 10	N 3	NE 3	- 1	NNE 5	ENE 5	SSW 3	S 3
Weather	cloudy	rain	fair	rain	rain	rain	rain	cloudy	cloudy

Station / Hour of Observation	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	765.0	761.9	760.1	756.9	761.6	766.6	765.3
Air Temperature (in C)	19.4	11.2	13.1	21.4	18.6	8.0	17.2	17.7
Direction and Force of Winds (0-12)	SE 4	E 5	SE 4	N 4	N 4	W 4	WNW 2	N 4
Weather	cloudy	cloudy	cloudy	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,
Atm. Pressure (Red. to m.s.l. and Strd. Gr.; * not reduced to Strd. Gr.)	762.4	763.5	-	757.5	758.5	*756.0	*756.4	*755.9	*757.5
Air Temperature (in C)	23.0	23.6	-	28.1	27.0	28.0	30.0	-	-
Direction and Force of Winds (0-12)	NNW 3	ENE 2	-	SW 2	ENE 5	W 3	SW 3	SW 2	WSW 2
Weather	clear	clear	-	cloudy	clear	cloudy	cloudy	cloudy	fair

Station / Hour of Observation	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.)	758.6	755.0	756.0	761.0	764.0	-	746.8	743.7
Air Temperature (in C)	29.0	28.0	27.2	26.0	-	-	6.0	9.0
Direction and Force of Winds (0-12)	N 2	calm	E 1	E 1	NE 3	-	NW 2	N 5
Weather	clear	-	-	clear	clear	-	clear	fair

發行人發行所
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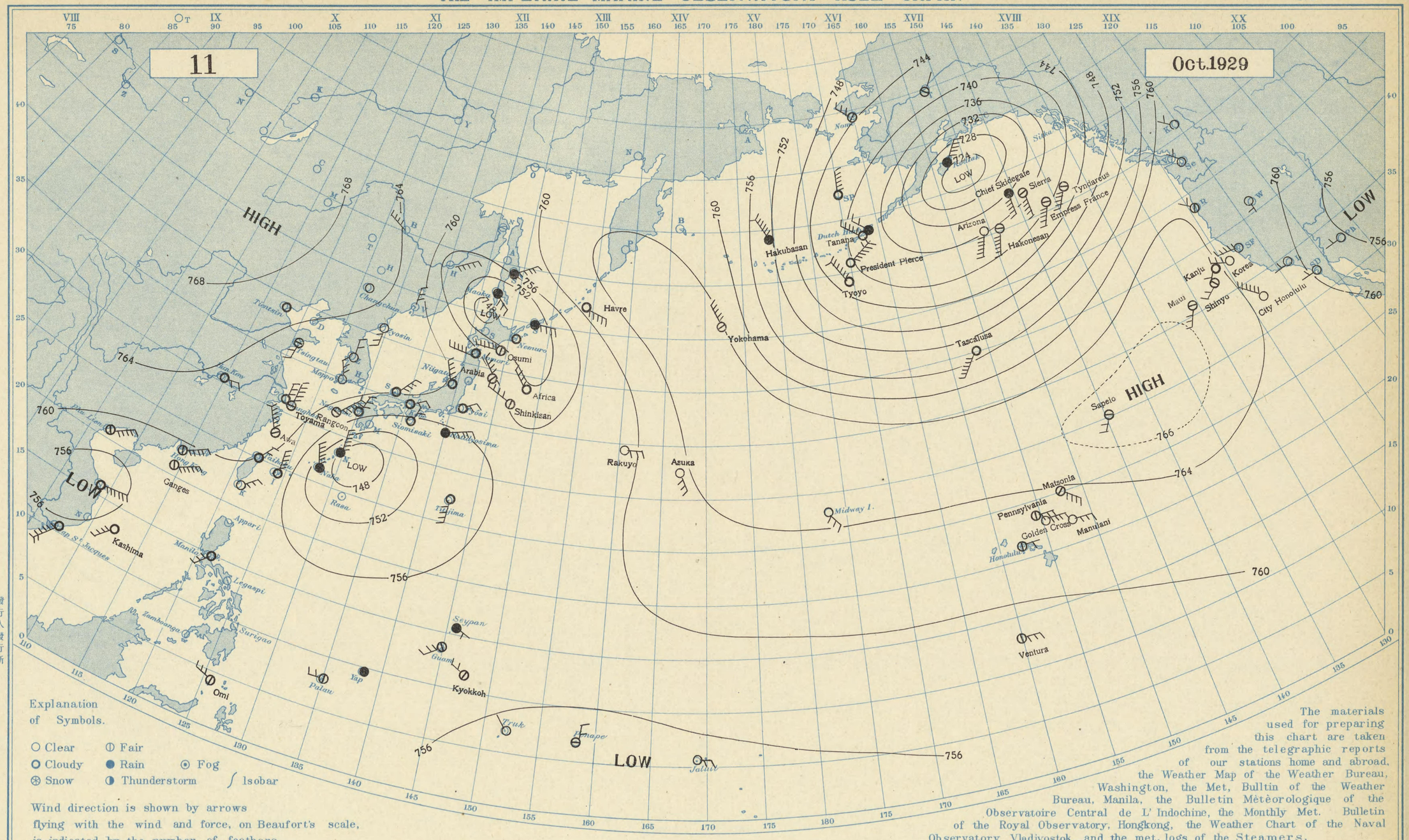
神戸市中山手通七丁目
海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2476



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.)	760.4	751.6	756.5	755.6	757.8	757.2	754.9	754.8	759.7	756.4	751.7	749.2	761.9	762.7	766.8	766.0	765.7
Air Temperature (in C)	25.4	23.4	18.8	20.3	19.6	19.6	21.0	29.2	16.9	13.9	12.6	8.9	18.7	15.1	8.6	17.2	18.6
Direction and Force of Winds (0-12)	NNE 2	NNW 6	NNE 3	NNE 1	ENE 2	NE 2	ENE 5	S 4	NNW 5	W 6	- 1	SE 3	NNW 3	S 3	calm	- 1	SSW 2
Weather	cloudy	rain	cloudy	cloudy	cloudy	cloudy	rain	cloudy	cloudy	cloudy	cloudy	rain	clear	clear	clear	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. / * not reduced to Strd Gr.)	763.2	763.7	-	756.5	759.5	* 756.4	* -	* 756.7	* 756.9	759.4	755.6	757.3	761.5	764.5	744.2	733.5	724.4
Air Temperature (in C)	21.0	22.3	-	28.8	27.0	26.0	-	-	-	29.0	25.0	26.0	27.0	-	1.0	4.0	9.0
Direction and Force of Winds (0-12)	N 3	E 2	-	W 2	ENE 5	SW 3	-	SW 3	calm	ENE 5	NW -	E 2	E 1	SE 3	NW 3	NW 2	NE 5
Weather	cloudy	cloudy	-	fair	fair	cloudy	-	fair	rain	fair	-	-	fair	clear	fair	rain	rain

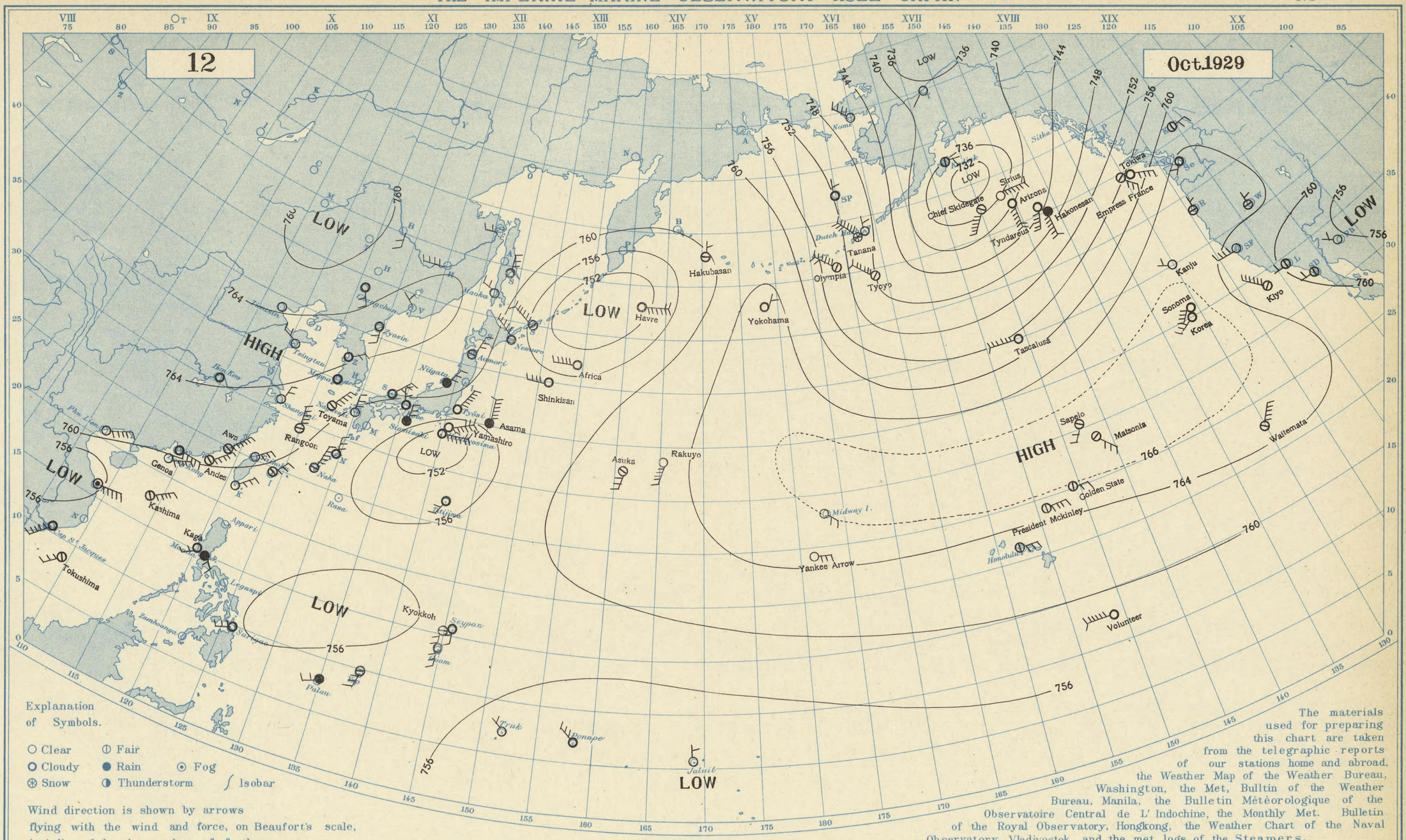
発行人発行所 神戸市中山手通七丁目 海洋氣象臺
印刷人販賣所

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2477



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.)	760.9	757.5	758.8	756.4	757.3	758.2	751.5	753.4	760.8	761.7	758.4	761.7	762.9	765.6	761.8	763.6	764.4
Air Temperature (in C)	26.7	24.4	20.1	16.0	19.1	17.2	20.1	27.1	16.7	16.3	12.5	9.7	20.8	15.3	14.6	18.3	19.0
Direction and Force of Winds (0-12)	NE 3	NNE 5	N 3	N 3	NNW 2	NE 6	E 8	SW 2	NE 3	NNE 3	NW 5	WNW 2	- 1	S 2	SSE 2	- 1	WNW 2
Weather	clear	fair	clear	rain	cloudy	cloudy	cloudy	cloudy	rain	fair	cloudy	clear	cloudy	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 18h, 135W	Kodiak 18h, 135W
Atm. Pressure (Red. to m.s.l. and Strd Gr. / * not reduced to Strd Gr.)	763.2	764.2	-	757.2	760.5	*757.2	*756.6	*757.2	*756.8	760.4	755.6	756.5	762.5	766.1	746.8	748.3	757.4
Air Temperature (in C)	22.6	21.0	-	23.9	26.0	25.0	30.0	-	-	29.0	25.0	27.6	26.0	-	-3.0	1.0	9.0
Direction and Force of Winds (0-12)	NNE 2	- 1	-	WSW 2	E 5	SE 2	WSW 3	S 3	SSW 3	ENE 5	NW 1	N 1	E 3	SE 2	NW 4	N 1	E 1
Weather	clear	cloudy	-	rain	cloudy	rain	cloudy	cloudy	fair	clear	-	-	fair	clear	clear	snow	fair

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

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

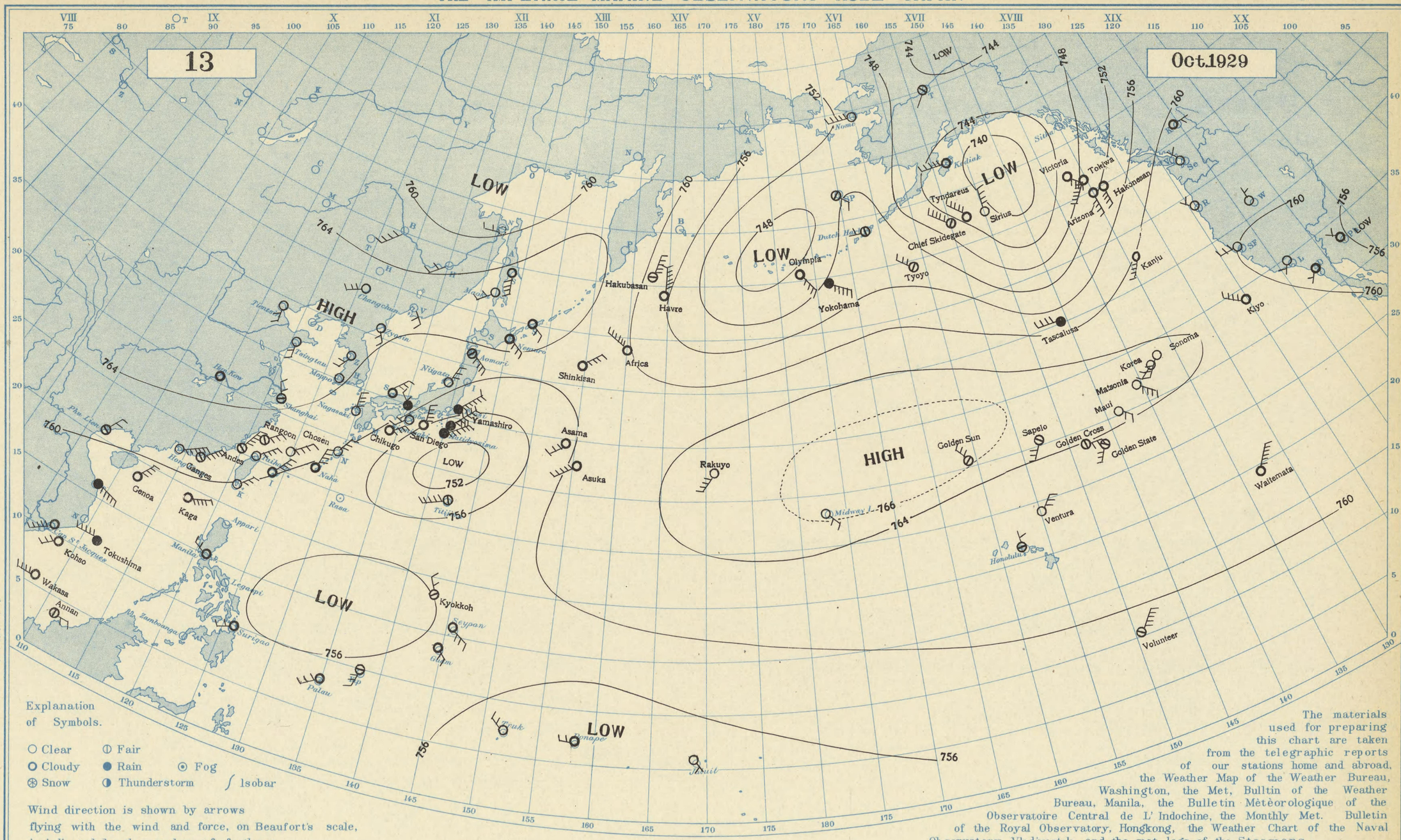
(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2478

13

Oct. 1929



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 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.)	761.3	759.6	761.8	758.7	760.2	759.0	753.2	754.6	760.1	762.8	766.6	765.6	764.4	763.9	765.1	764.6	764.9
Air Temperature (in C)	28.0	25.5	20.8	21.6	18.7	17.0	19.0	27.6	20.5	17.1	11.7	11.8	20.7	16.4	11.6	21.0	22.0
Direction and Force of Winds (0-12)	NE 4	NNE 4	N 4	SW 2	NW 2	NE 7	NE 8	WSW 5	NNE 3	SE 4	SE 3	SW 2	- 1	SSE 2	WSW 3	S 2	S 2
Weather	clear	cloudy	clear	clear	rain	rain	rain	fair	clear	fair	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 10h, 135W	Kodiak 10h, 135W
Atm. Pressure (Red. to m.s.l. and Strd Gr. / * not reduced to Strd Gr.)	764.4	764.7	-	756.5	761.0	*757.0	* 756.5	*757.0	* 757.3	761.3	755.7	757.1	762.0	766.6	751.3	752.8	762.5
Air Temperature (in C)	22.7	21.3	-	28.0	27.0	28.0	29.0	-	-	28.0	24.8	28.9	26.0	-	-7.0	7.0	8.0
Direction and Force of Winds (0-12)	NNW 2	calm	-	SW 3	ENE 6	WNW 2	WSW 2	SE 2	SSW 3	NNE 2	NW 2	SSE 1	N 1	SE 2	W 5	W 1	W 5
Weather	fair	cloudy	-	cloudy	clear	cloudy	cloudy	cloudy	fair	fair	-	-	fair	clear	clear	fair	cloudy

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

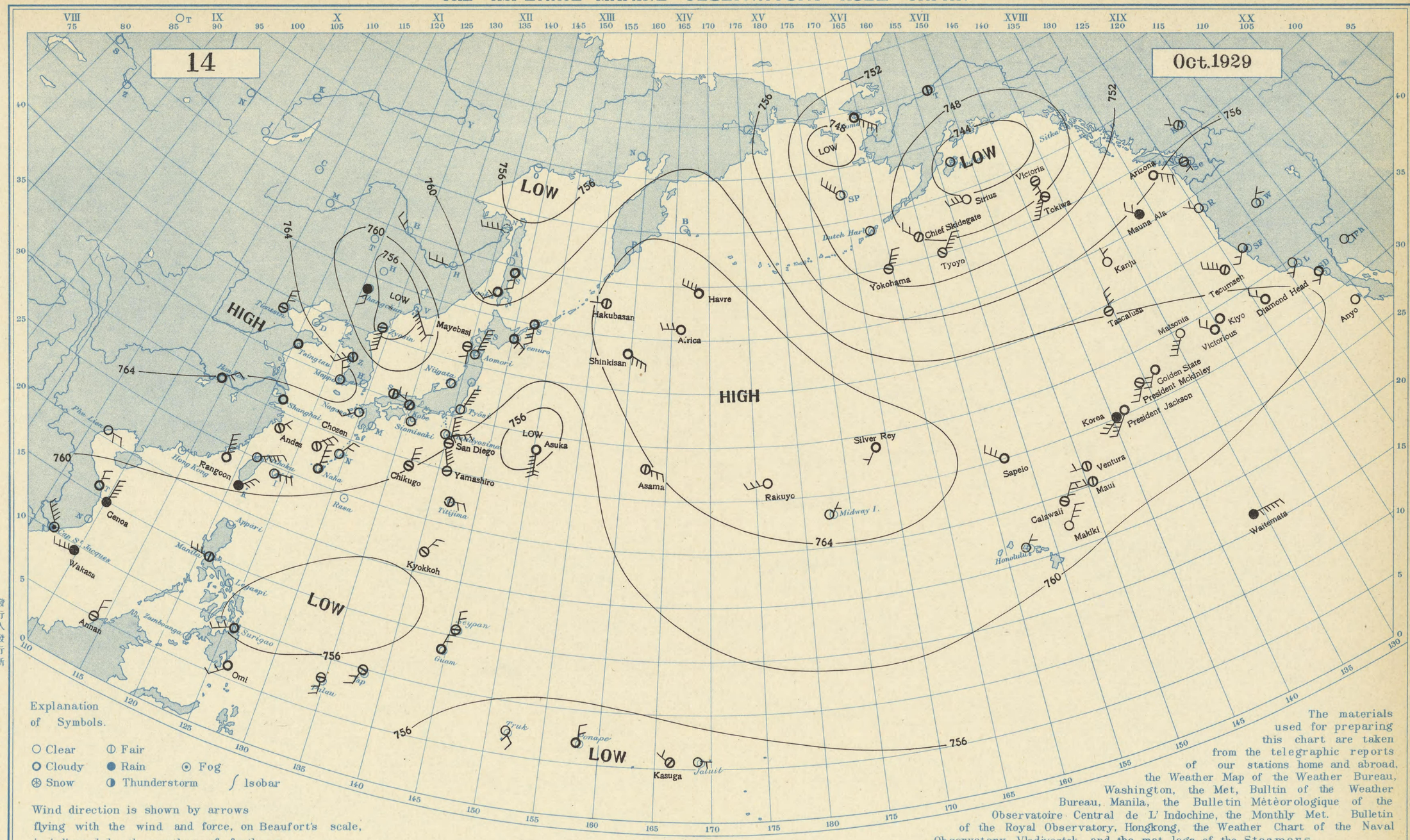
印刷人 阪資所 神戸市中山手通七丁目 發行人 發行所 海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2479



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	760.8	763.3	761.1	762.7	760.1	760.6	758.8	762.1	761.6	761.8	759.5	764.3	755.5	757.8	766.3	764.2
Air Temperature (in C)	29.0	24.7	21.3	22.3	21.4	18.3	21.3	27.8	19.5	17.0	12.7	12.0	22.2	17.0	4.8	17.8	20.1
Direction and Force of Winds (0-12)	ENE 5	N 4	SW 2	- 1	WNW 2	NNE 5	ENE 4	E 2	- 1	NNE 6	SE 2	SW 2	NNW 2	S 5	S 2	N 3	calm
Weather	clear	cloudy	clear	clear	fair	clear	clear	fair	clear	clear	cloudy	cloudy	clear	fair	rain	fair	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.)	763.3	764.2	-	756.8	761.3	*756.9	*756.1	*757.0	*757.6	761.9	755.7	756.3	761.5	765.0	749.8	749.8	741.7
Air Temperature (in C)	23.3	22.2	-	29.4	-	29.0	26.0	-	-	28.0	27.4	30.0	24.0	-	0.	4.0	6.0
Direction and Force of Winds (0-12)	calm	NE 2	-	S 2	-	W 3	WSW 3	NNE 2	SSW 2	E 2	SE 2	E 1	NE 1	NE 1	SE 5	calm	calm
Weather	cloudy	cloudy	-	fair	-	fair	cloudy	cloudy	fair	clear	-	-	clear	clear	cloudy	clear	clear

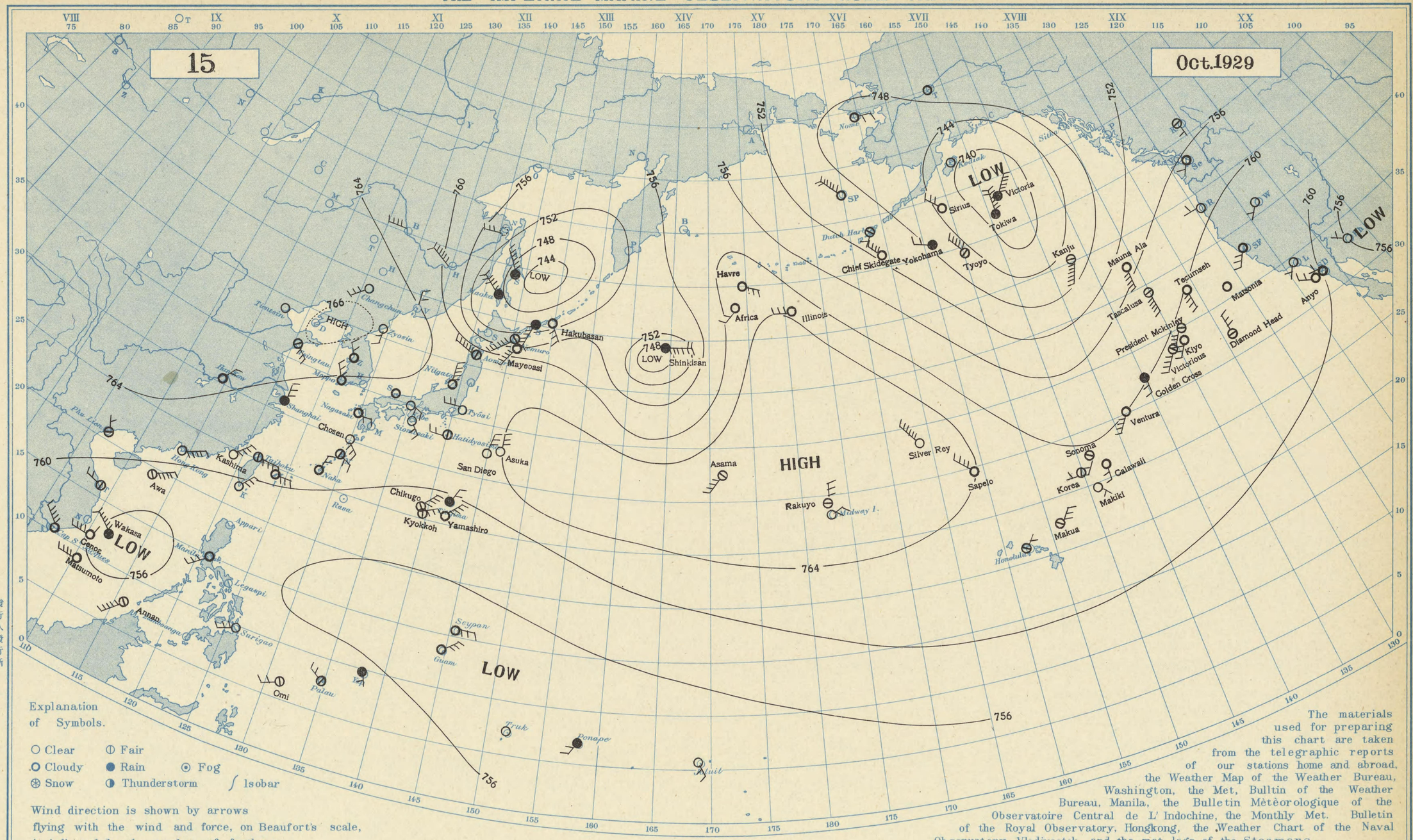
發行人 發行所
印刷人 販賣所
神戸市中山手通七丁目
海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2480



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.)	759.9	760.9	762.7	762.0	762.5	760.7	762.2	759.5	763.0	761.0	752.6	749.2	763.8	765.8	764.8	765.2	765.5
* not reduced to Strd. Gr.																	
Air Temperature (in C)	29.1	26.1	22.1	22.7	21.6	22.0	23.5	25.2	16.8	14.8	15.4	5.2	19.9	14.7	10.0	16.8	18.2
Direction and Force of Winds (0-12)	E 4	NNE 2	E 2	SE 2	SE 2	W 3	W 2	NNE 2	N 5	WNW 6	SW 6	NW 9	NNW 3	S 2	SW 3	- 1	SE 3
Weather	fair	cloudy	cloudy	clear	clear	clear	fair	rain	cloudy	fair	fair	rain	cloudy	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.)	763.4	766.2	-	756.6	760.5	*756.5	* 757.2	*755.3	* 757.3	761.9	753.2	755.4	761.5	765.0	746.8	749.8	740.1
* not reduced to Strd Gr.)																	
Air Temperature (in C)	18.0	19.1	-	29.4	27.0	28.0	29.0	-	-	29.0	26.6	27.5	24.0	-	-2.0	4.0	3.0
Direction and Force of Winds (0-12)	N 3	NNE 2	-	WNW 2	ENE 5	SW 3	WSW 3	NE 3	SSE 1	NNW 1	calm	SSE 2	NE 1	NE 2	E 2	SW 1	calm
Weather	rain	cloudy	-	fair	clear	cloudy	clear	cloudy	rain	fair	-	-	fair	clear	cloudy	fair	clear

發行人 印刷人 神戸市中山手通七丁目 海洋氣象臺

昭和四年一〇一年五日

北太平洋天氣圖

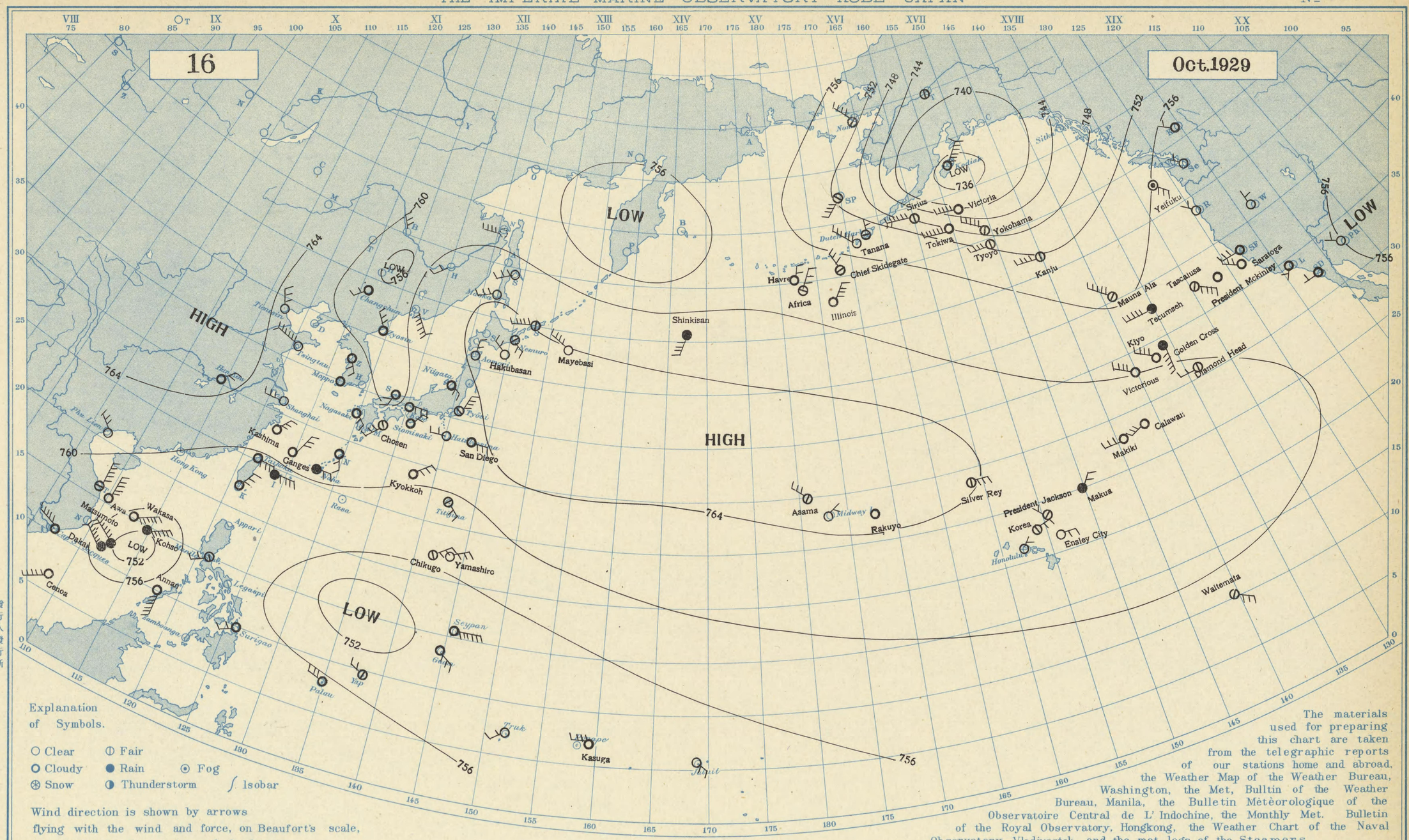
第二四八〇號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 2481



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	760.9	761.0	761.9	761.5	763.0	762.5	769.7	763.1	764.5	764.9	763.8	761.5	759.9	757.5	763.5	761.0
* not reduced to Strd. Gr.	27.4	25.3	22.5	21.5	20.9	20.1	23.6	28.8	15.5	15.4	12.6	8.4	18.3	12.5	8.6	17.0	16.4
Air Temperature (in C)	E 4	E 2	SE 2	NE 2	ESE 3	NNE 4	W 2	SE 2	SE 2	N 2	SE 2	WSW 3	- 1	NNW 3	SW 2	NNW 3	WNW 7
Direction and Force of Winds (0-12)	cloudy	rain	cloudy	cloudy	cloudy	fair	clear	fair	cloudy	clear	fair	clear	cloudy	cloudy	cloudy	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 Midnight, G. M. T.	Midway I. Midnight, G. M. T.	Nome 20h, 135W	Dutch Harbor Midnight, G. M. T.	Kodiak Midnight, G. M. T.
Atm. Pressure (Red. to m.s.l. and Strd Gr.)	763.3	766.7	-	756.3	760.0	* 757.2	* 757.3	* 754.6	* 756.3	761.5	754.8	756.2	761.5	764.5	754.4	754.4	758.4
* not reduced to Strd Gr.	21.2	21.9	-	28.4	-	30.0	31.0	-	-	30.0	26.7	28.8	26.0	-	-8.0	3.0	6.0
Air Temperature (in C)	W 3	NE 2	-	WNW 3	-	WSW 2	WSW 2	SE 3	WNW 2	NW 3	SW 2	SE 2	NE 1	NE 1	NW 4	N 1	NE 7
Direction and Force of Winds (0-12)	clear	cloudy	-	cloudy	-	fair	cloudy	cloudy	fair	clear	-	-	fair	clear	fair	fair	cloudy
Weather																	

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

昭和四年一〇一月六日

北太平洋天氣圖

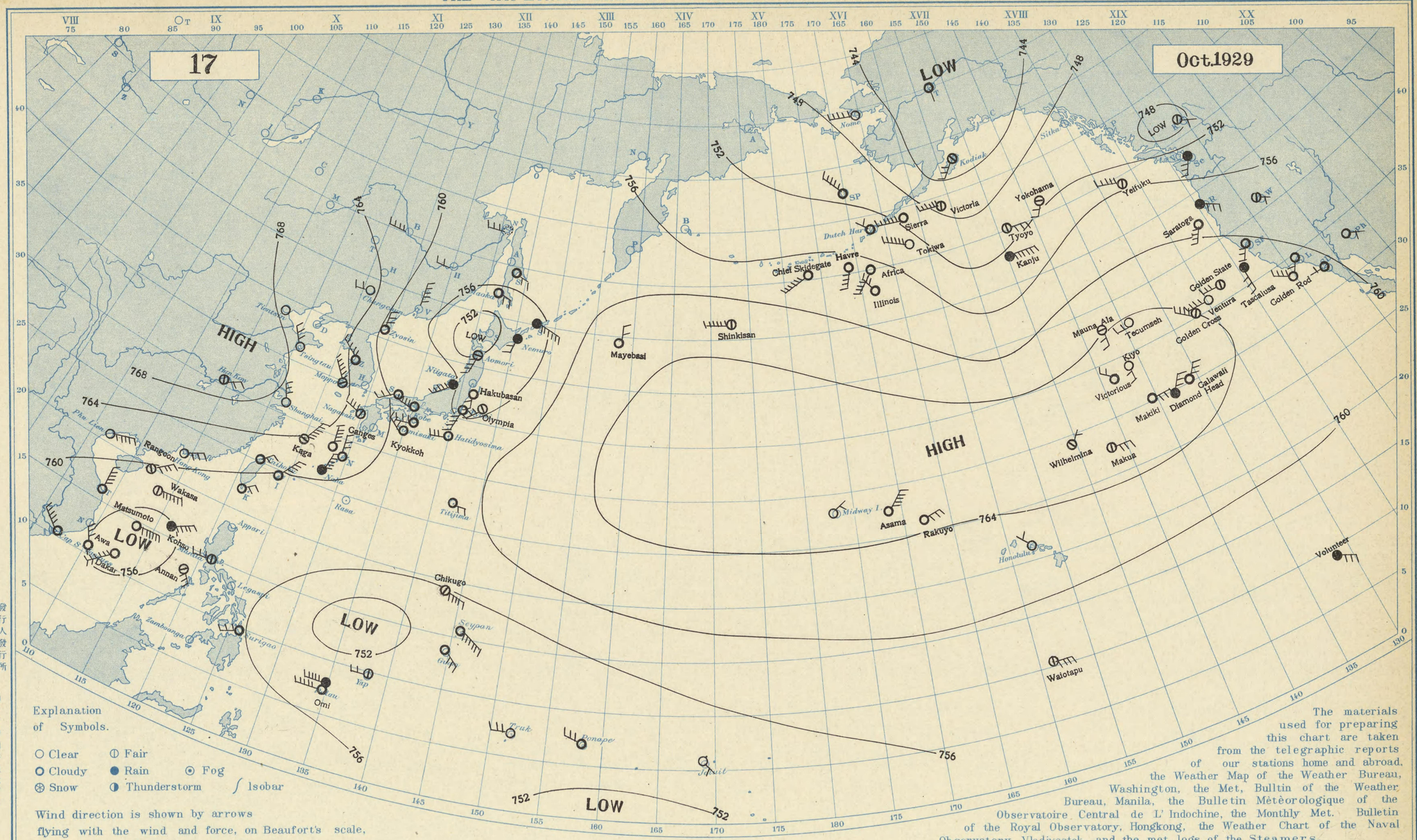
第二四八一號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2482



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, 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.)	763.4	760.7	762.8	757.9	758.7	755.3	758.8	759.4	756.5	752.0	753.3	755.8	764.8	757.8	764.7	767.7	767.6
Air Temperature (in C)	23.4	22.0	19.3	23.8	20.9	23.2	23.7	28.0	17.7	20.2	13.9	10.5	16.7	13.5	8.4	18.8	17.2
Direction and Force of Winds (0-12)	NE 2	NNE 5	WNW 4	W 3	WNW 4	SSW 5	W 4	E 2	SW 5	SSW 4	WSW 2	ESE 2	NNW 6	N 3	W 2	- 1	NNW 3
Weather	cloudy	rain	fair	cloudy	cloudy	cloudy	cloudy	cloudy	rain	fair	rain	cloudy	fair	cloudy	clear	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 Midnight, G. M. T.	Midway I. Midnight, G. M. T.	Nome 20h, 135 W	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.)	767.8	769.0	-	755.5	761.8	*757.9	* 757.5	*755.0	* 754.8	762.2	754.9	756.3	762.0	765.0	745.2	753.9	742.7
Air Temperature (in C)	20.1	20.3	-	27.9	27.0	30.0	30.0	-	-	29.0	26.8	30.0	26.0	-	-8.0	6.0	6.0
Direction and Force of Winds (0-12)	NNW 3	ENE 2	-	W 5	ENE 3	W 3	WSW 3	SE 3	W 2	ENE 5	W 3	SE 1	NW 1	NE 1	W 5	NW 1	SW 3
Weather	clear	fair	-	rain	clear	fair	cloudy	cloudy	fair	clear	-	-	clear	clear	clear	cloudy	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

昭和四年一〇月一日

北太平洋天氣圖

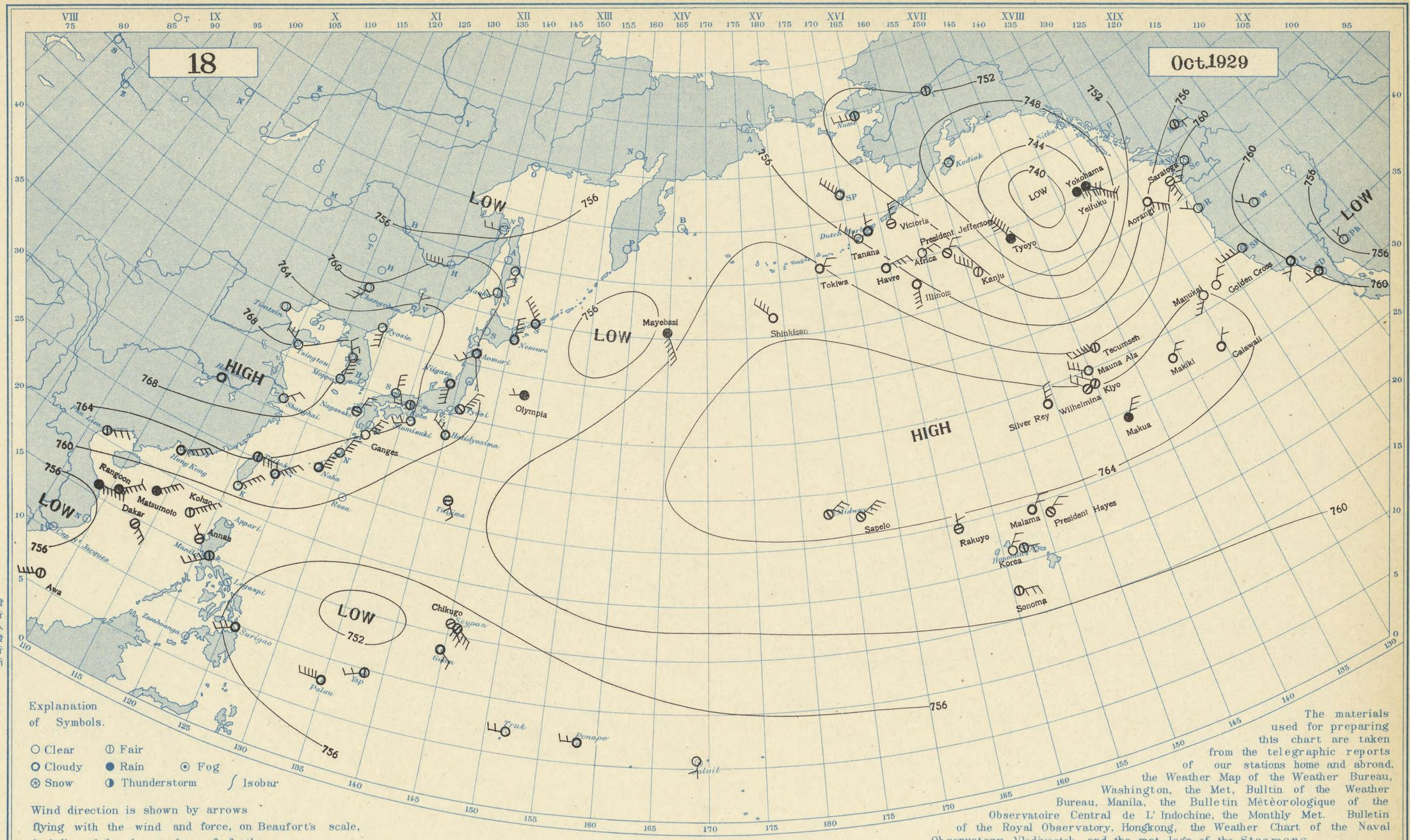
第二四八二號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2483



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.)	764.1	762.2	765.1	762.3	764.1	760.4	760.6	758.7	763.2	759.9	759.0	760.3	767.6	765.6	760.0	766.2	767.2
Air Temperature (in C)	27.3	23.3	18.7	20.0	18.6	19.2	20.5	29.5	17.6	15.0	11.1	9.6	17.6	12.9	14.8	17.2	16.9
Direction and Force of Winds (0-12)	E 4	NNE 5	NNE 2	WSW 2	W 2	NE 5	NW 3	SSE 2	S 4	SW 2	N 4	SW 2	N 4	S 3	SSW 3	- 1	NW 3
Weather	fair	cloudy	fair	clear	fair	fair	cloudy	fair	cloudy	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 Midnight G.M.T.	Midway I. Midnight G.M.T.	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.)	768.4	768.5	-	755.2	763.3	*757.0	* 756.5	*755.3	* 754.9	762.7	754.9	757.3	761.0	765.0	750.8	755.4	746.8
Air Temperature (in C)	21.4	20.3	-	24.9	24.0	29.0	29.0	-	-	28.0	26.0	28.0	26.0	-	-6.0	2.0	7.0
Direction and Force of Winds (0-12)	NE 2	- 1	-	W 5	ENE 6	SW 4	WSW 3	SE 2	WSW 2	ENE 3	W 2	S 1	E 1	NE 3	W 2	N 1	calm
Weather	clear	cloudy	-	cloudy	cloudy	fair	cloudy	cloudy	fair	fair	-	-	fair	fair	fair	cloudy	clear

発行人 印刷人 神戸市中山手通七丁目 海洋氣象臺

昭和四年一月〇一日八

北太平洋天氣圖

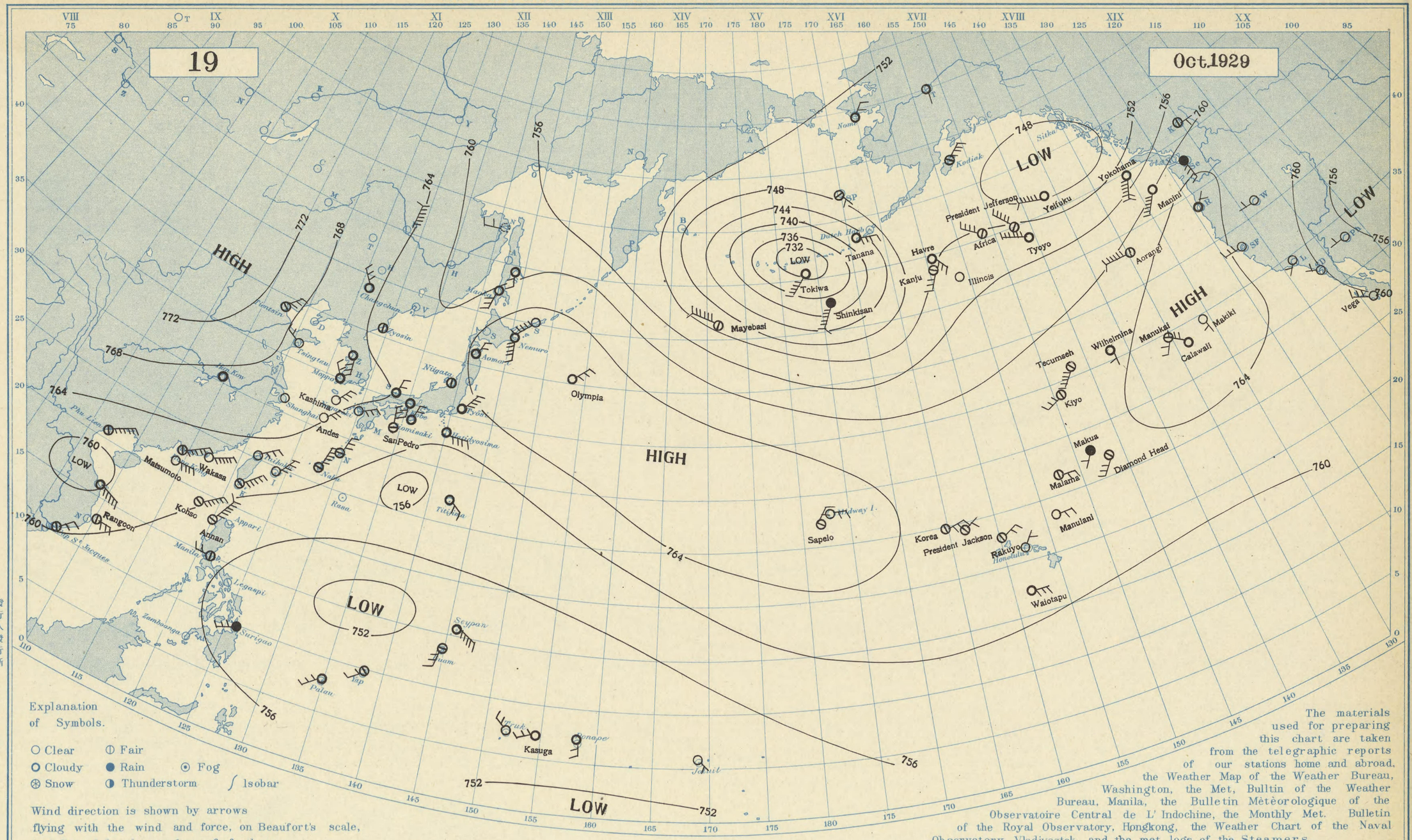
第二四八三號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 2484



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.)	763.9	760.8	764.0	761.9	763.0	762.7	760.2	757.3	763.5	764.3	765.3	761.1	766.0	760.5	766.4	770.2	766.0
Air Temperature (in C)	26.5	23.7	18.5	18.8	17.9	19.0	22.2	29.1	16.9	15.5	13.4	11.5	17.4	17.1	9.3	16.8	20.4
Direction and Force of Winds (0-12)	NE 3	NNE 5	ENE 3	NNE 2	S 2	NE 4	E 4	SE 2	- 1	NNE 2	S 5	SSW 3	NNW 2	- 1	NNW 3	NE 3	NW 2
Weather	clear	fair	clear	cloudy	cloudy	cloudy	cloudy	cloudy	fair	cloudy	cloudy	cloudy	cloudy	fair	cloudy	fair	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 Midnight, G.M.T.	Midway I. Midnight, G.M.T.	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.)	766.7	767.3	-	755.0	763.3	*756.3	* 755.0	*755.2	* 755.6	763.0	753.7	756.5	761.0	765.0	751.3	-	751.3
Air Temperature (in C)	20.5	21.9	-	29.6	25.0	30.0	27.0	-	-	28.0	25.4	29.5	24.0	-	-4.0	-	2.0
Direction and Force of Winds (0-12)	calm	- 1	-	SW 3	ENE 6	W 2	WSW 3	SSW 3	SW 2	ENE 6	NW 2	SE 1	NE 1	E 2	NE 2	-	NE 4
Weather	clear	cloudy	-	cloudy	fair	fair	rain	fair	fair	fair	-	-	clear	clear	cloudy	-	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

昭和四年一〇月一九日

北太平洋天氣圖

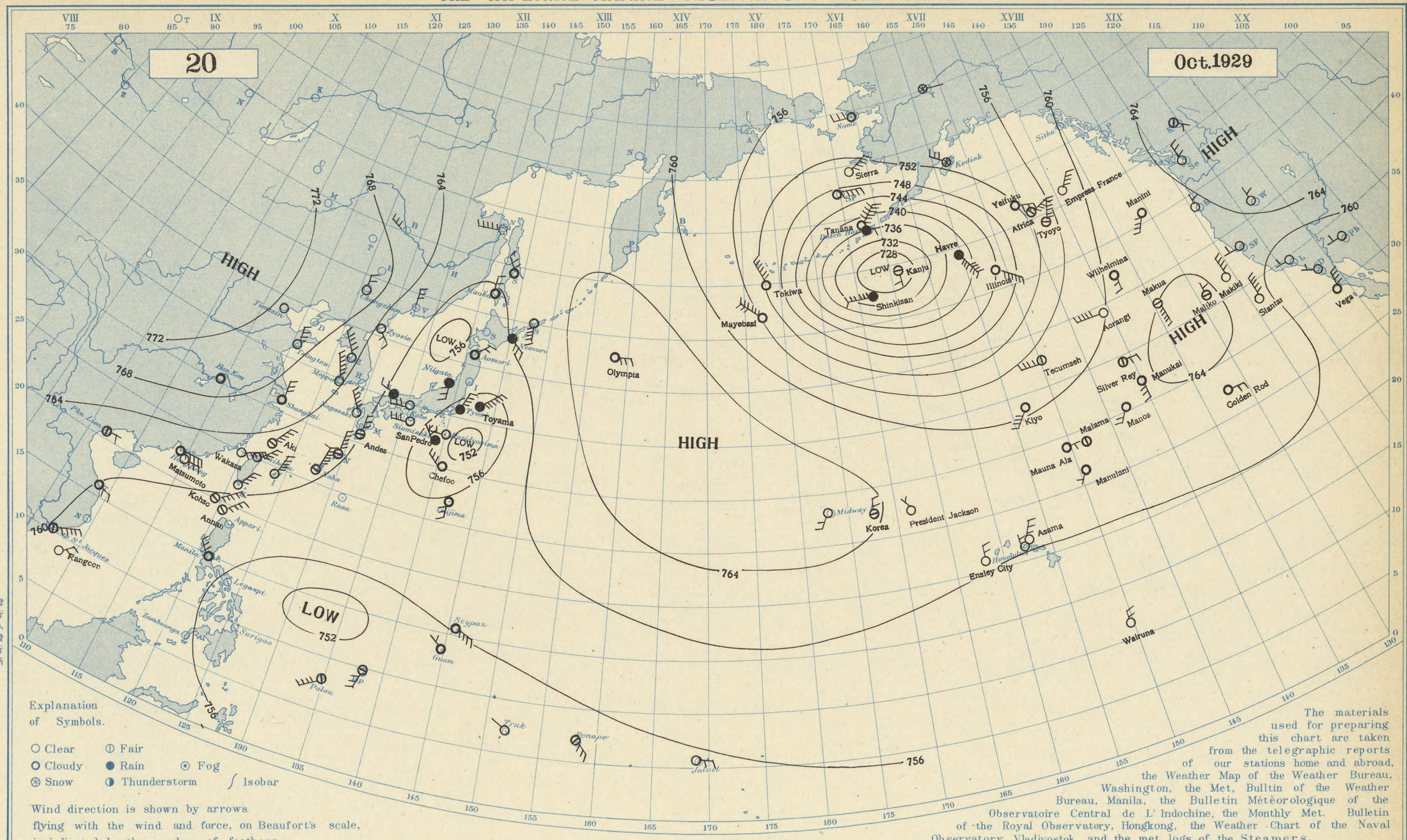
第二四八四號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2485



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.)	763.2	760.3	761.5	756.8	758.1	755.5	755.4	756.5	757.6	756.7	760.1	759.5	764.6	763.5	769.6	771.7	769.8
Air Temperature (in C)	26.5	23.2	19.8	20.8	19.8	17.0	24.8	29.0	14.1	15.4	13.1	10.3	14.9	10.8	3.8	15.2	14.4
Direction and Force of Winds (0-12)	NE 4	NNE 7	NNW 5	W 3	W 3	NNE 4	W 2	S 3	S 3	NE 2	SE 3	N 2	NNW 6	SE 2	N 2	- 1	N 4
Weather	fair	fair	clear	clear	clear	rain	clear	cloudy	rain	cloudy	rain	cloudy	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, Midnight, C. M. T.	Midway I. 18h30, Midnight, C. M. T.	Nome 20h, 135W	Dutch Harbor 16h, 135W, Midnight, C. M. T.	Kodiak 16h, 135W, Midnight, C. M. T.
Atm. Pressure (Red. to m.s.l. and Strd Gr. / * not reduced to Strd Gr.)	767.0	769.3	-	754.6	762.8	*756.1	* -	*756.9	* 756.6	762.8	754.9	757.9	760.0	764.5	754.4	757.4	752.3
Air Temperature (in C)	20.7	19.1	-	29.2	26.0	30.0	-	-	-	28.0	25.7	25.6	26.0	-	-7.0	7.0	1.0
Direction and Force of Winds (0-12)	N 3	calm	-	SW 4	E 5	NW 3	-	NW 1	SSW 3	E 1	WNW -	E 2	N 1	SW 2	W 3	E 1	NW 3
Weather	cloudy	cloudy	-	fair	cloudy	cloudy	-	cloudy	fair	fair	-	-	clear	clear	cloudy	rain	snow

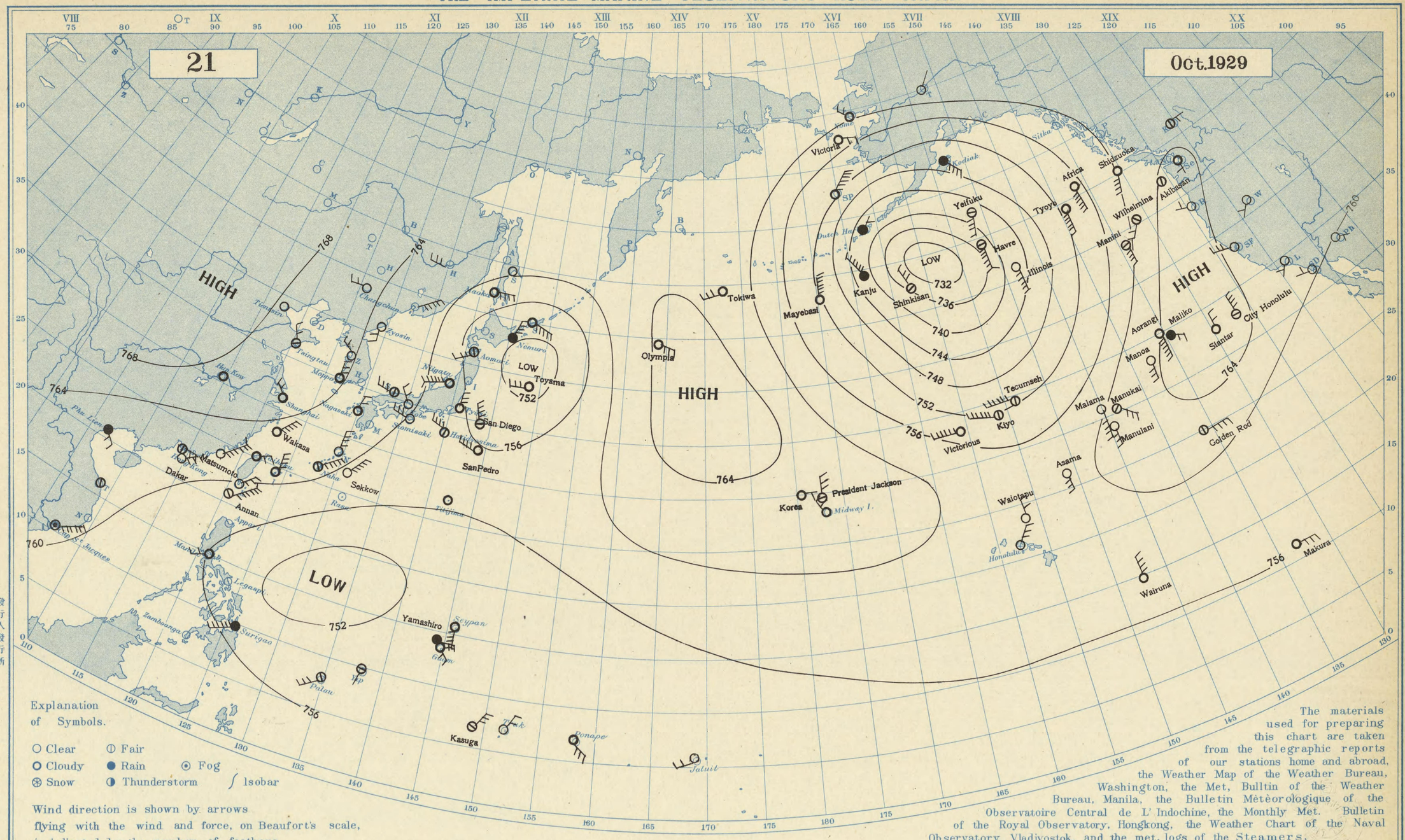
發行人發行所 印刷人販賣所 神戸市中山手通七丁目 海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2486



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, 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.)	763.1	760.2	762.2	759.7	761.1	756.3	757.5	756.2	757.6	753.8	752.6	757.4	764.2	762.8	765.8	767.5	767.3
Air Temperature (in C)	22.5	22.4	18.9	17.8	15.6	15.9	18.9	25.3	12.7	12.1	10.5	8.5	17.0	11.9	11.0	13.2	12.6
Direction and Force of Winds (0-12)	ENE 2	NE 5	NNE 2	WNW 3	NW 2	N 3	WNW 4	- 1	WSW 8	SW 3	NE 4	E 4	N 3	S 2	W 2	- 1	NNW 2
Weather	cloudy	fair	cloudy	clear	clear	cloudy	fair	cloudy	cloudy	fair	rain	cloudy	cloudy	clear	clear	clear	fair

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 Midnight, G. M. T	Midway I. Midnight, G. M. T.	Nome 20h, 135 W	Dutch Harbor Midnight, G. M. T.	Kodiak Midnight, 135 W. T.
Atm. Pressure (Red. to m.s.l. and Strd Gr. / * not reduced to Strd Gr.)	766.6	767.5	-	755.9	762.0	*755.9	* 754.5	*757.2	* 757.5	761.9	755.3	756.8	759.5	762.5	760.5	742.7	748.8
Air Temperature (in C)	18.7	16.7	-	29.4	26.0	29.0	26.0	-	-	24.0	27.2	28.6	24.0	-	-7.0	7.0	8.0
Direction and Force of Winds (0-12)	NW 2	calm	-	SW 3	E 2	WSW 2	WSW 6	SE 2	SSW 2	SE 2	NE 2	WSW 2	NE 3	NW 2	NW 2	NE 1	SE 4
Weather	cloudy	cloudy	-	fair	fair	cloudy	rain	cloudy	fair	rain	-	-	clear	cloudy	cloudy	rain	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

昭和四年一〇一二月一日

北太平洋天氣圖

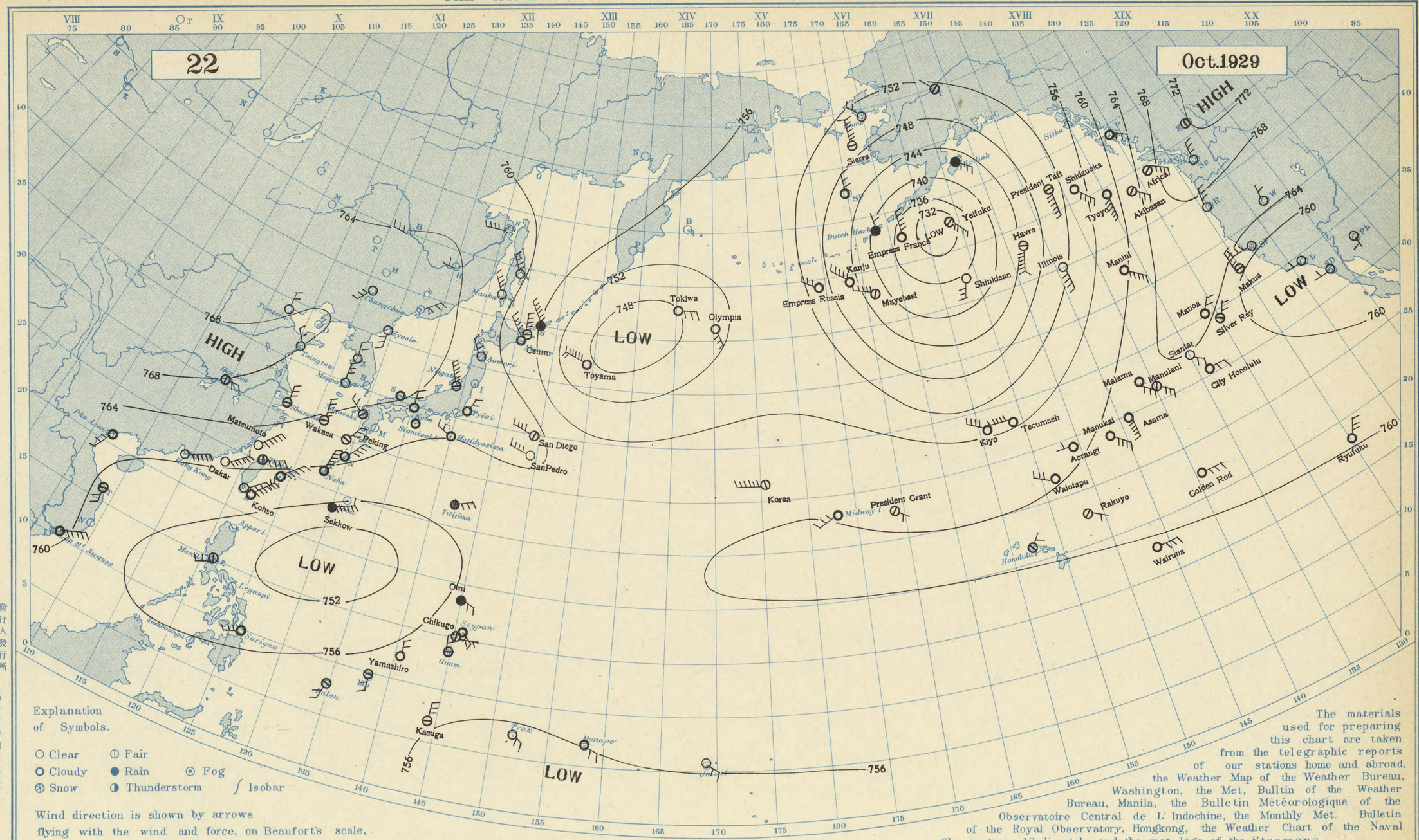
第二四八六號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2487



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.)	761.5	758.7	763.3	761.5	763.0	760.6	759.8	758.4	762.3	760.7	758.2	761.4	765.8	766.4	766.0	767.1	768.0
* not reduced to Strd. Gr.	24.8	23.5	19.5	16.2	17.0	17.1	19.9	23.1	16.6	15.7	9.0	7.6	18.4	14.1	14.2	17.5	14.2
Air Temperature (in C)	ENE 4	NNE 6	NW 2	- 1	N 2	NNE 2	WNW 2	ENE 3	NNW 6	NNW 3	NNW 5	NNW 4	N 3	S 3	SSW 3	N 2	NNW 2
Direction and Force of Winds (0-12)	fair	cloudy	fair	cloudy	cloudy	cloudy	cloudy	rain	fair	clear	cloudy	clear	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, 135W	Midway I.	Nome	Dutch Harbor	Kodiak
Atm. Pressure (Red. to m.s.l. and Strd Gr.)	766.6	767.8	-	757.1	761.0	*755.2	* 755.3	*757.4	* 758.5	760.7	755.9	758.0	760.5	759.5	751.3	739.1	741.7
* not reduced to Strd Gr.	20.3	19.3	-	29.7	26.0	28.0	29.0	-	-	31.0	27.0	24.4	24.0	-	-4.0	4.0	8.0
Air Temperature (in C)	N 3	E 2	-	SSW 2	ENE 5	WSW 2	WSW 3	N 2	S 2	SSW 3	SE 2	SE 2	NE 1	SW 3	NW 2	N 1	SE 3
Direction and Force of Winds (0-12)	fair	fair	-	fair	clear	fair	cloudy	fair	fair	cloudy	-	-	fair	cloudy	clear	rain	rain
Weather													Midnight, G. M. T.	Midnight, G. M. T.	Midnight, G. M. T.	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

昭和四年一〇月二二日

北太平洋天氣圖

第二四八七號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 2488

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.)	760.7	757.6	764.4	763.3	764.7	765.0	762.0	758.1	766.3	766.7	767.0	764.5	766.9	767.8	765.0	766.6	767.7
Air Temperature (in C)	22.0	24.7	18.7	19.4	18.8	18.1	19.7	24.6	16.6	18.0	11.7	10.8	19.3	14.9	16.6	16.0	17.1
Direction and Force of Winds (0-12)	ESE 3	ENE 7	NE 4	NE 3	SE 2	NE 4	E 6	ENE 2	N 2	calm	S 2	SSW 3	- 1	S 2	SSW 5	- 1	- 1
Weather	cloudy	cloudy	clear	cloudy	cloudy	cloudy	cloudy	rain	clear	clear	clear	fair	clear	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 Midnight, G. M. T.	Midway I. Midnight, G. M. T.	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.)	766.0	765.6	-	757.2	760.8	*755.8	*756.6	*757.5	*758.4	761.7	755.0	758.2	761.5	758.9	750.8	740.1	744.2
Air Temperature (in C)	20.0	20.0	-	30.0	24.0	30.0	30.0	-	-	24.0	27.6	27.3	26.0	-	-2.0	4.0	9.0
Direction and Force of Winds (0-12)	NE 2	- 1	-	SSE 2	NE 5	W 3	WSW 3	N 2	SSE 2	ENE 3	SE 3	S 1	N 1	SW 4	NE 3	NW 4	SE 3
Weather	fair	cloudy	-	fair	cloudy	fair	cloudy	fair	clear	cloudy	-	-	clear	clear	fair	cloudy	cloudy

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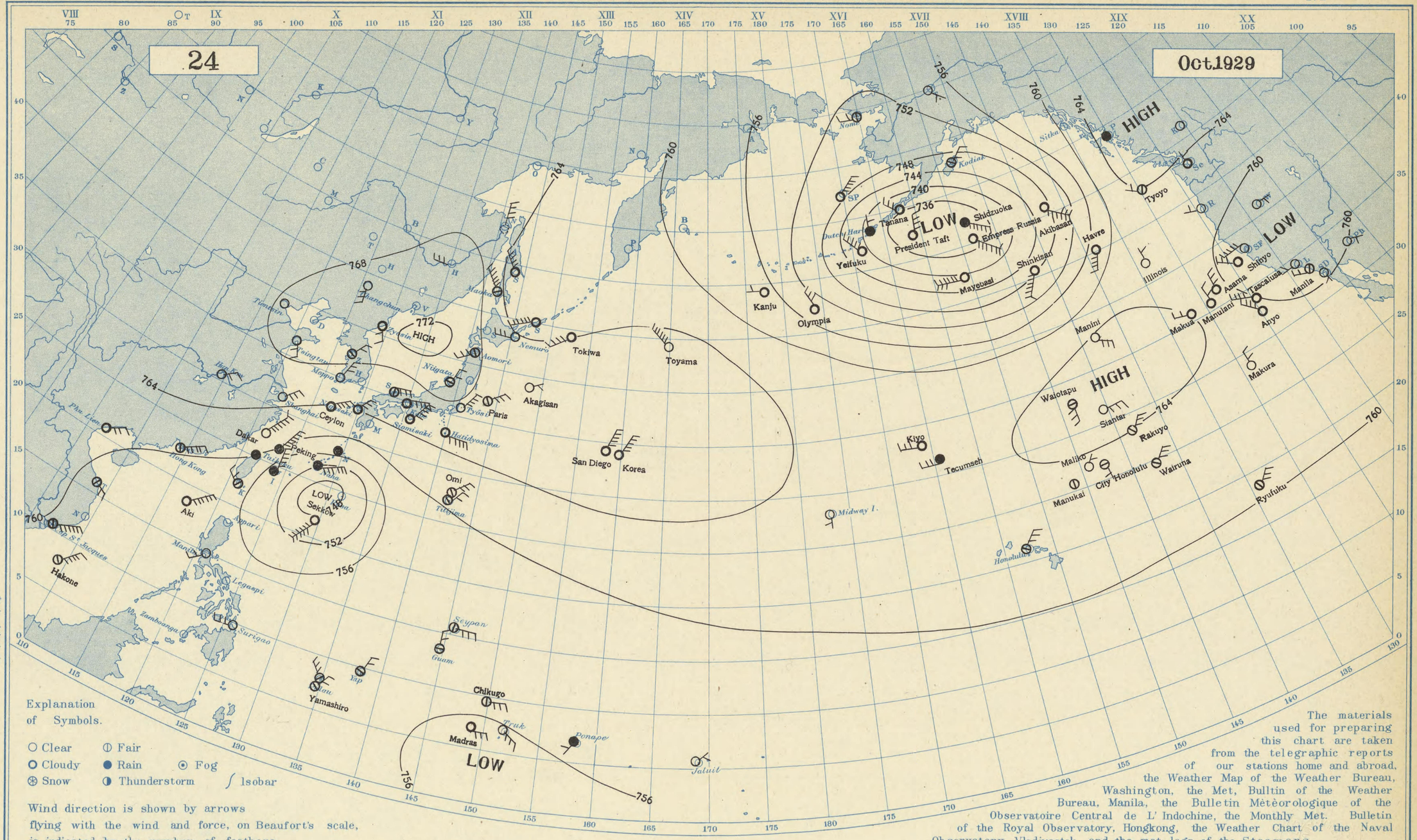
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2489



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	751.5	763.7	765.6	766.6	767.9	765.6	760.8	769.0	769.8	764.7	765.2	766.4	771.0	768.2	768.2	768.7
Air Temperature (in C)	21.0	24.4	21.8	19.9	20.6	19.1	21.4	26.9	17.1	16.5	15.5	9.6	21.4	16.6	18.0	18.3	19.5
Direction and Force of Winds (0-12)	- 1	ENE 7	NE 3	NE 5	E 4	NE 4	E 5	NE 2	NNE 2	SW 3	W 3	NNW 6	NE 3	SSE 2	S 3	- 1	SSE 2
Weather	rain	rain	cloudy	cloudy	cloudy	clear	cloudy	fair	fair	fair	clear	fair	clear	cloudy	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 Midnight G.M.T	Midway I. Midnight G.M.T	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.)	764.9	765.9	-	757.9	760.5	*756.9	*757.6	*758.1	*758.3	761.4	756.2	758.8	762.5	762.5	751.3	740.1	745.2
Air Temperature (in C)	22.6	19.8	-	29.2	27.0	30.0	31.0	-	-	24.0	27.0	29.8	26.0	-	1.0	6.0	8.0
Direction and Force of Winds (0-12)	NE 3	ENE 2	-	NNW 3	ENE 5	SW 2	W 3	N 2	NNE 2	ENE 3	SE 3	ENE 1	NE 3	S 1	W 2	N 1	NE 3
Weather	clear	clear	-	fair	fair	clear	clear	fair	fair	cloudy	-	-	fair	clear	fair	rain	fair

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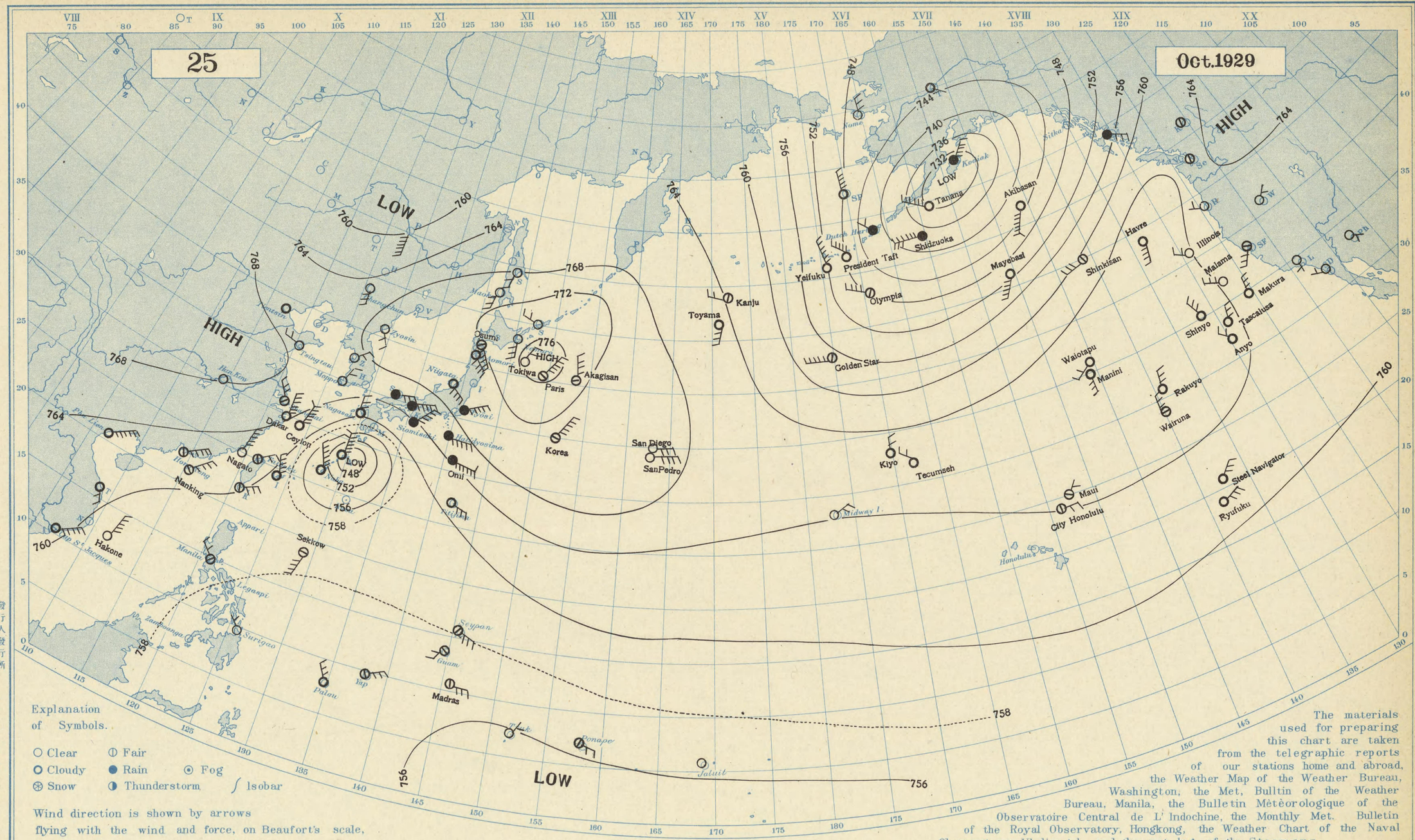
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 2490



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.)	762.6	754.2	759.6	763.3	765.1	769.2	765.2	760.8	768.6	771.1	775.0	771.8	765.0	769.9	764.5	766.2	767.7
Air Temperature (in C)	23.6	24.9	21.6	17.6	15.0	19.6	19.8	28.1	17.2	18.6	13.1	13.6	21.2	14.4	17.6	14.0	15.6
Direction and Force of Winds (0-12)	NE 2	NNW 6	N 3	NE 6	E 5	ENE 5	E 5	ESE 3	SE 4	SE 4	S 3	SSW 3	NNE 2	SSE 2	S 3	- 1	WNW 2
Weather	fair	cloudy	cloudy	rain	rain	rain	rain	cloudy	cloudy	cloudy	clear	clear	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 Midnight, G.M.T.	Midway I. Midnight, G.M.T.	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.)	765.6	768.1	-	757.4	762.8	*758.8	*758.3	*758.2	*758.1	763.0	756.3	758.1	-	764.0	746.8	740.7	726.9
Air Temperature (in C)	22.0	21.7	-	29.0	25.0	30.0	30.0	-	-	22.0	26.2	30.4	-	-	3.0	6.0	8.0
Direction and Force of Winds (0-12)	NNW 3	- 1	-	NNW 3	ENE 5	NW 2	NW 1	SW 2	ENE 3	ENE 6	NE 1	N 1	-	NE 2	N 3	NW 1	NE 5
Weather	fair	clear	-	cloudy	fair	fair	clear	fair	fair	cloudy	-	-	-	clear	clear	rain	rain

發行人 印刷人 販賣所 神戸市中山手通七丁目 海洋氣象臺

昭和四年一〇月二五日

北太平洋天氣圖

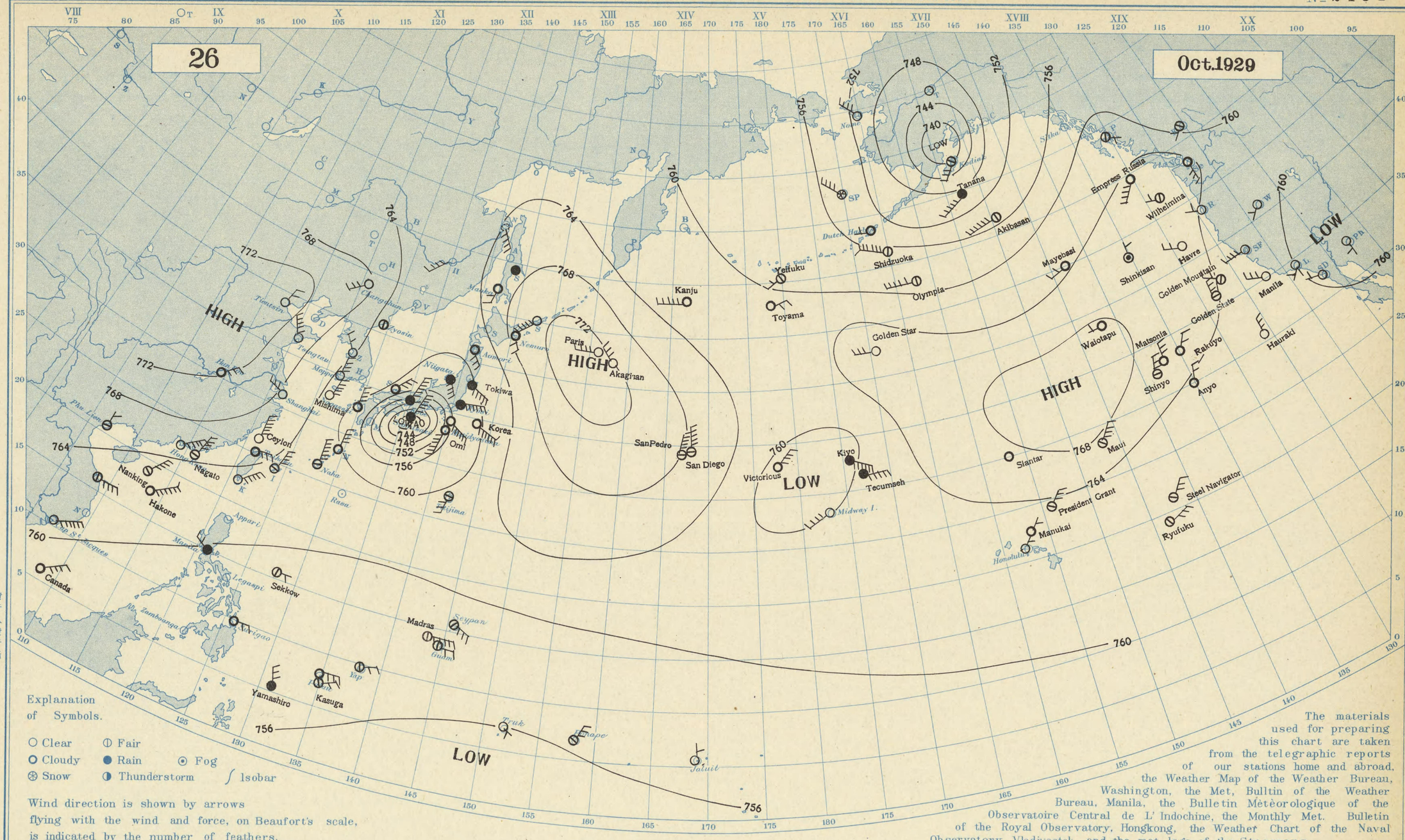
第二四九〇號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2491



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.)	765.2	761.6	759.0	739.0	750.3	758.3	755.1	760.4	758.6	762.0	769.5	764.8	763.3	763.7	768.2	773.3	769.0
Air Temperature (in C)	25.0	24.4	20.1	20.8	18.6	19.8	24.7	29.2	18.7	20.6	14.0	16.1	21.5	13.3	4.8	10.3	14.2
Direction and Force of Winds (0-12)	E 3	N 6	N 4	NNE 7	NNE 6	E 7	SSW 6	SSW 3	SSE 4	SE 3	SSE 2	SSW 2	N 4	- 1	SW 3	NNE 2	NNW 5
Weather	cloudy	fair	cloudy	rain	rain	rain	cloudy	fair	rain	cloudy	cloudy	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 Midnight, G. M. T.	Midway I. Midnight, G. M. T.	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.)	767.7	772.4	-	757.3	764.8	*759.8	* 759.1	*758.4	* 758.3	765.4	756.1	759.2	762.0	760.0	749.3	752.3	738.1
Air Temperature (in C)	21.0	16.7	-	29.6	27.0	28.0	29.0	-	-	27.0	27.0	29.7	26.0	-	2.0	4.0	10.0
Direction and Force of Winds (0-12)	WNW 3	NE 3	-	E 3	ENE 5	WNW 2	E 2	E 2	ENE 2	N 1	SE 1	N 1	NE 1	SW 4	NW 4	W 1	SW 3
Weather	clear	cloudy	-	cloudy	clear	rain	cloudy	fair	fair	fair	-	-	clear	clear	clear	cloudy	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

昭和四年一〇月二六日

北太平洋天氣圖

第二四九一號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

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.)	765.9	763.5	764.7	759.9	763.3	757.1	759.0	761.2	762.4	757.7	751.8	754.2	767.7	768.0	767.8	771.7	771.6
Air Temperature (in C)	24.9	22.6	19.6	23.5	20.0	25.1	22.2	28.5	18.5	17.1	13.6	7.4	17.6	9.0	-4.8	12.0	11.3
Direction and Force of Winds (0-12)	NE 3	NNE 5	NNW 2	W 2	WNW 2	NNW 3	WNW 3	WNW 2	WNW 3	WNW 5	NW 3	N 6	N 5	S 2	SW 5	- 1	NW 2
Weather	fair	cloudy	fair	clear	fair	clear	cloudy	fair	fair	fair	rain	cloudy	clear	cloudy	clear	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 Midnight, G. M. T.	Midway I. Midnight, G. M. T.	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.)	770.0	771.4	-	756.7	765.3	*759.1	*758.2	*758.5	*758.2	765.0	755.9	758.5	761.5	763.0	763.0	762.5	753.9
Air Temperature (in C)	17.9	17.2	-	28.4	25.0	28.0	26.0	-	-	24.0	27.8	30.0	24.0	-	-10.0	6.0	8.0
Direction and Force of Winds (0-12)	N 3	NE 2	-	ESE 2	ENE 6	W 3	NE 3	E 3	ENE 2	ENE 5	NE 2	ESE 1	NE 1	calm	W 4	W 1	S 3
Weather	cloudy	cloudy	-	cloudy	clear	fair	cloudy	cloudy	fair	cloudy	-	-	clear	clear	clear	fair	cloudy

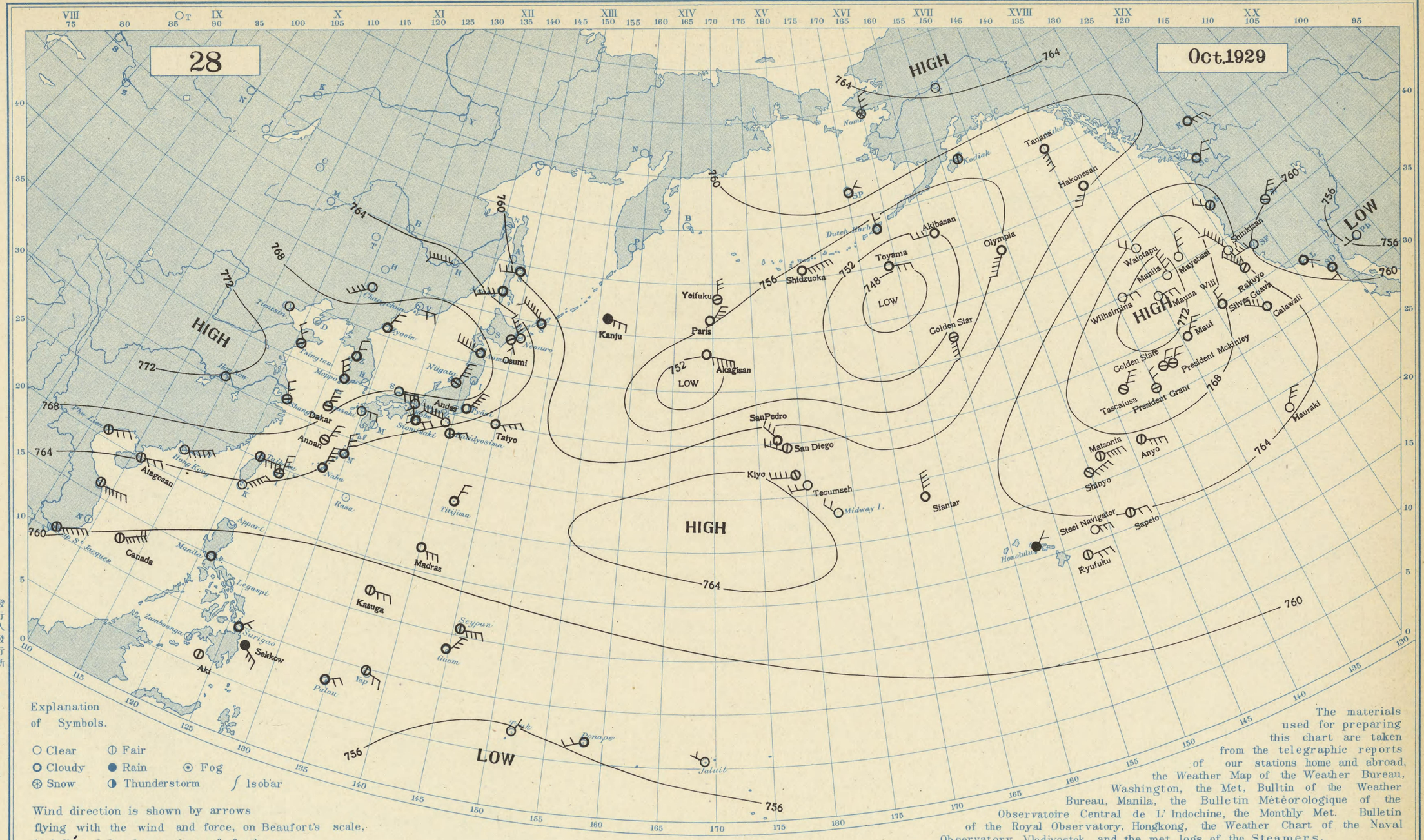
發行人發行所 印刷人販賣所 神戶市中山手通七丁目 海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2493



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.)	766.3	764.0	765.7	764.9	766.5	767.0	763.6	762.6	769.2	769.4	765.3	763.3	768.6	770.4	765.7	770.0	770.9
Air Temperature (in C)	24.5	23.2	19.7	20.1	18.1	17.0	23.2	30.5	14.7	12.4	8.9	5.6	16.4	12.3	10.1	12.6	14.5
Direction and Force of Winds (0-12)	E 4	NNE 4	E 2	ENE 2	SSE 3	NE 5	ENE 2	NNE 2	NNE 4	WNW 5	NNW 4	WSW 5	NNW 3	NNE 2	SW 4	- 1	NNW 2
Weather	fair	cloudy	clear	cloudy	clear	cloudy	fair	cloudy	fair	cloudy	clear	cloudy	cloudy	cloudy	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 Midnight C. M. T.	Midway I. Midnight C. M. T.	Nome 20h, 135W	Dutch Harbor 16h, 135W Midnight C. M. T.	Kodiak 16h, 135W Midnight C. M. T.
Atm. Pressure (Red. to m.s.l. and Strd Gr. / * not reduced to Strd Gr.)	769.3	771.9	-	757.9	765.5	* 759.2	* 757.9	* 758.6	* 758.3	765.5	756.1	758.5	762.5	763.5	-	752.8	759.5
Air Temperature (in C)	18.6	15.7	-	27.6	26.0	28.0	29.0	-	-	25.0	26.9	24.5	23.0	-	-6.0	4.0	6.0
Direction and Force of Winds (0-12)	NNW 2	- 1	-	ENE 2	ENE 6	calm	NE 1	NE 3	ESE 2	ENE 3	NE 1	WNW 1	NE 1	NW 2	N 3	N 1	calm
Weather	fair	clear	-	cloudy	clear	cloudy	cloudy	cloudy	fair	fair	-	-	rain	clear	snow	cloudy	fair

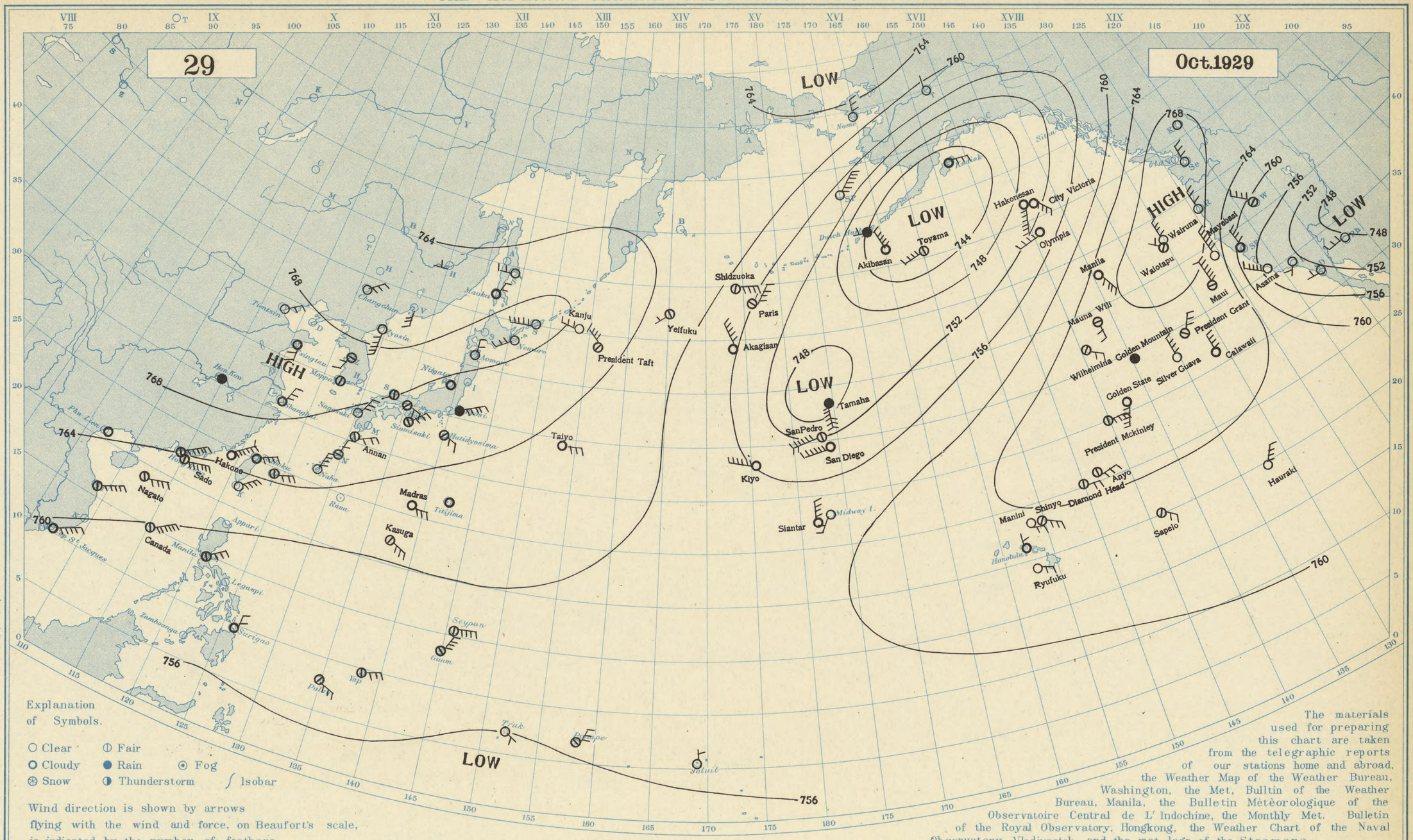
發行人發行所 印刷人販賣所 神戸市中山手通七丁目 海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2494



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.)	765.3	764.7	767.0	765.7	766.7	765.5	764.6	763.2	767.3	768.5	768.8	764.9	769.6	766.4	765.4	768.6	769.5
Air Temperature (in C)	24.4	23.7	20.9	21.3	19.2	18.4	23.8	28.1	13.2	5.1	11.8	6.8	18.1	14.1	6.8	13.2	18.2
Direction and Force of Winds (0-12)	ENE 4	NNE 4	NE 3	NE 3	SE 2	ENE 5	ESE 2	- 1	calm	N 2	SW 3	NNE 2	- 1	S 5	NE 3	NE 2	S 2
Weather	cloudy	clear	clear	fair	fair	rain	fair	cloudy	cloudy	clear	clear	cloudy	fair	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 Midnight G. M. T.	Midway I. Midnight G. M. T.	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.)	769.3	769.2	-	757.4	764.8	* 758.2	* 757.3	* 758.9	* 758.5	764.7	756.3	758.7	763.0	759.5	763.0	743.7	742.7
Air Temperature (in C)	18.7	14.0	-	30.2	23.0	31.0	28.0	-	-	24.0	28.2	30.1	23.0	- -	-9.0	3.0	8.0
Direction and Force of Winds (0-12)	NNE 3	- 1	-	ESE 3	ENE 6	NE 3	N 2	NE 4	ENE 3	calm	SE 1	N 1	N 1	SW 2	N 3	W 1	E 3
Weather	cloudy	rain	-	fair	fair	fair	cloudy	fair	fair	cloudy	-	-	cloudy	clear	clear	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

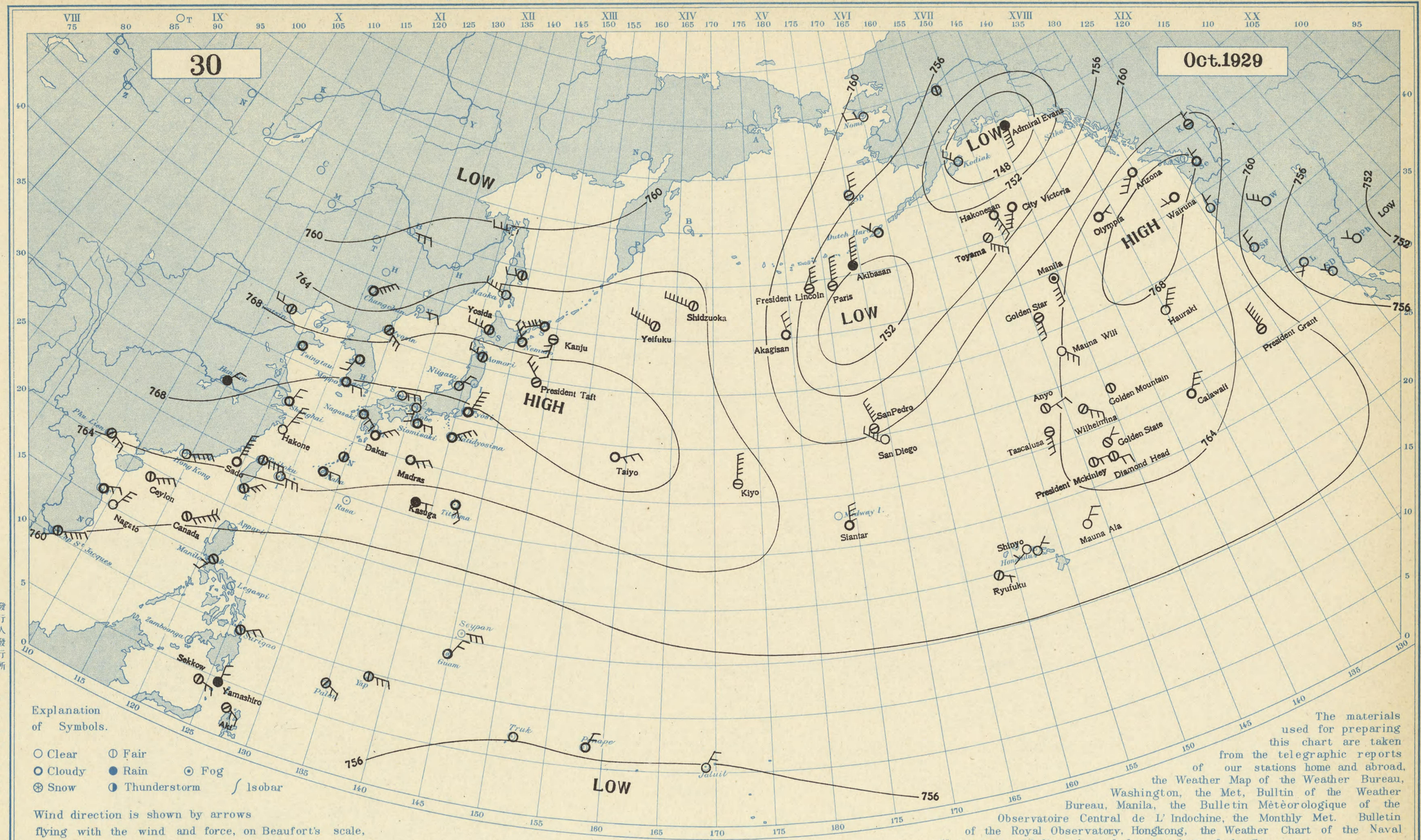
昭和四年一〇月二九日 北太平洋天氣圖 第二四九四號

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2495



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, 135 E	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.)	764.2	764.4	767.3	767.0	768.1	767.2	766.5	763.0	769.2	769.2	766.3	764.7	767.4	766.0	763.0	767.5	768.1
Air Temperature (in C)	26.8	26.1	18.7	21.9	19.7	17.6	21.4	29.1	16.4	15.9	12.8	7.6	17.8	14.3	9.6	14.3	15.6
Direction and Force of Winds (0-12)	E 4	E 2	SE 2	E 2	S 2	NNE 5	NE 4	SSE 2	NE 2	WNW 2	NNW 3	WNW 4	E 2	SE 3	NE 5	WNW 2	- 1
Weather	fair	cloudy	cloudy	cloudy	clear	cloudy	cloudy	clouay	clear	fair	cloudy	clear	cloudy	fair	cloudy	fair	cloudy

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, 135W	Midway I. 19h, 169W	Nome 20h, 135W	Dutch Harbor 18h, 165W	Kodiak 18h, 153W
													Midnight, G.M.T.	Midnight, G.M.T.	Midnight, G.M.T.	Midnight, G.M.T.	
Atm. Pressure (Red. to m.s.l. and Strd Gr. / * not reduced to Strd Gr.)	766.9	769.5	-	758.1	764.3	*757.9	*758.1	*759.2	*759.6	764.3	756.2	757.6	761.5	-	758.4	753.4	746.8
Air Temperature (in C)	20.1	13.3	-	30.0	25.0	31.0	28.0	-	-	24.0	27.0	28.8	24.0	-	-10.0	1.0	9.0
Direction and Force of Winds (0-12)	NNE 2	NNE 2	-	ESE 2	ENE 5	SSW 2	ENE 3	NE 2	E 3	ESE 3	calm	NNE 2	NE 1	-	W 2	NW 1	NW 2
Weather	cloudy	rain	-	fair	clear	fair	fair	cloudy	fair	fair	-	-	clear	-	clear	cloudy	clear

昭和四年一〇月三〇日

北太平洋天氣圖

第二四九五號

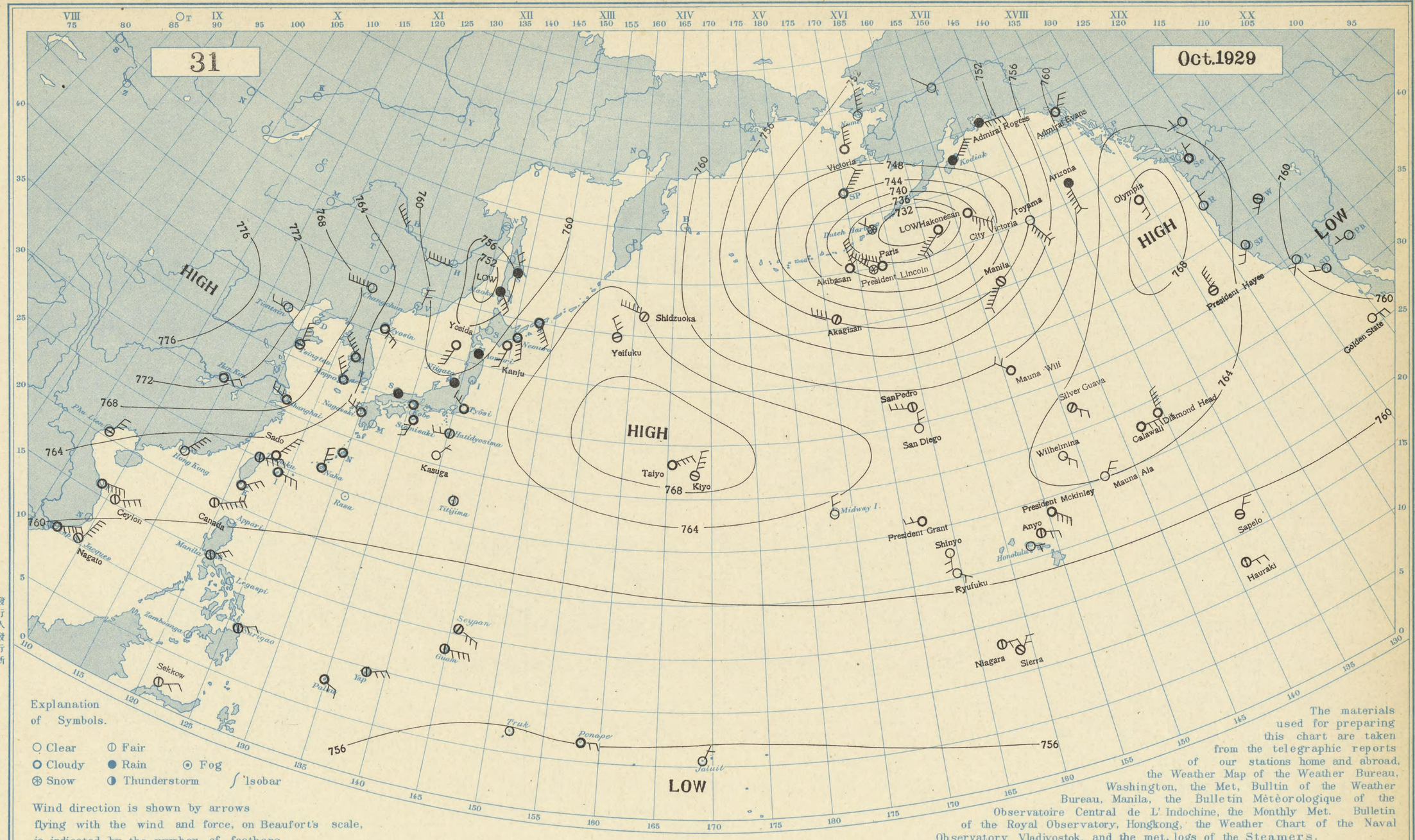
發行人 發行所 印刷人 販賣所 神戸市中山手通七丁目 海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2496



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.)	763.4	763.1	762.6	761.7	760.8	761.3	762.0	761.5	760.2	759.1	761.6	753.0	765.1	760.9	767.6	772.5	770.4
Air Temperature (in C)	29.2	25.4	21.9	23.3	21.2	18.6	23.8	29.5	16.2	13.6	13.6	7.5	15.6	12.2	-1.4	9.2	10.3
Direction and Force of Winds (0-12)	ENE 4	N 3	WNW 3	SSW 3	- 1	NW 2	W 2	- 1	- 1	- 1	S 4	SE 4	NNW 4	SE 3	W 6	W 2	N 5
Weather	fair	cloudy	cloudy	cloudy	cloudy	cloudy	fair	fair	rain	rain	cloudy	rain	cloudy	cloudy	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 Midnight, G.M.T.	Midway I. Midnight, G.M.T.	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.)	768.6	772.7	-	757.6	763.3	*758.0	* 757.6	*757.7	* 757.9	765.1	756.2	756.9	760.5	763.5	750.3	732.5	760.0
Air Temperature (in C)	14.3	14.9	-	20.3	27.0	31.0	28.0	-	-	25.0	27.0	29.3	24.0	-	-10.0	0.	7.0
Direction and Force of Winds (0-12)	WNW 3	NE 2	-	ESE 2	NNE 5	NE 3	ENE 2	E 4	ENE 3	NNE 3	calm	NNE 1	E 1	N 2	N 5	NW 1	NE 6
Weather	cloudy	cloudy	-	cloudy	clear	fair	fair	fair	fair	fair	-	-	clear	clear	clear	snow	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

昭和四年一〇月三一日 北太平洋天氣圖 第二四九六號

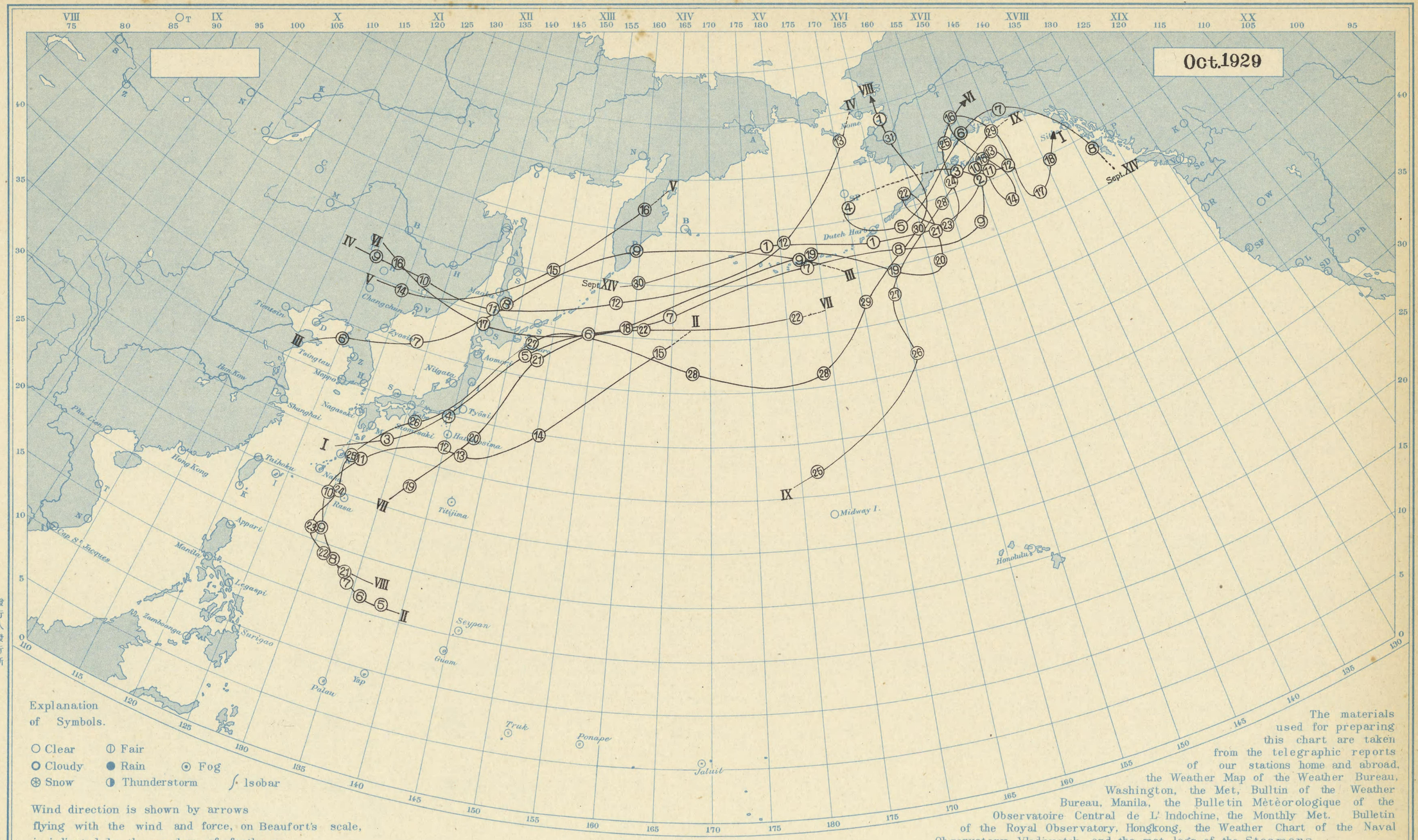
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

Appendix; Track of Cyclones

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.

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.) 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						*	*	*	*								

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

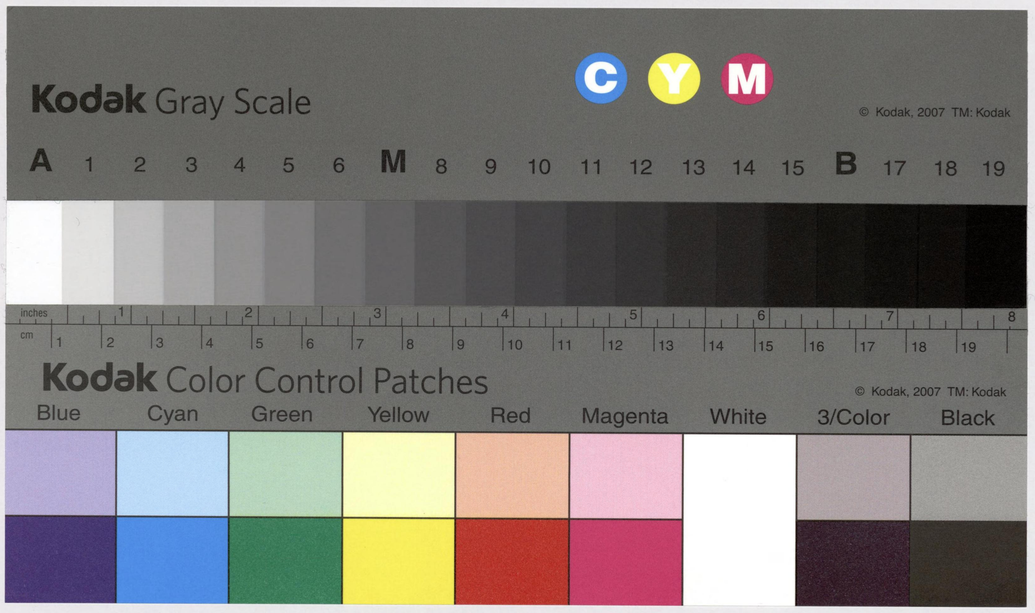
第　號　北太平洋天氣圖　附錄　低氣壓經路　昭和四年一〇月　日

昭和五年四月三十日發行
昭和五年四月二十六日印刷

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

大東急


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
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