北太平洋天氣圖

昭和七年二月

戶　神

臺象氣洋海

DAILY WEATHER CHARTS

OF THE

NORTH PACIFIC OCEAN.

FEBRUARY

1932

THE IMPERIAL MARINE OBSERVATORY,

KOBE, JAPAN.

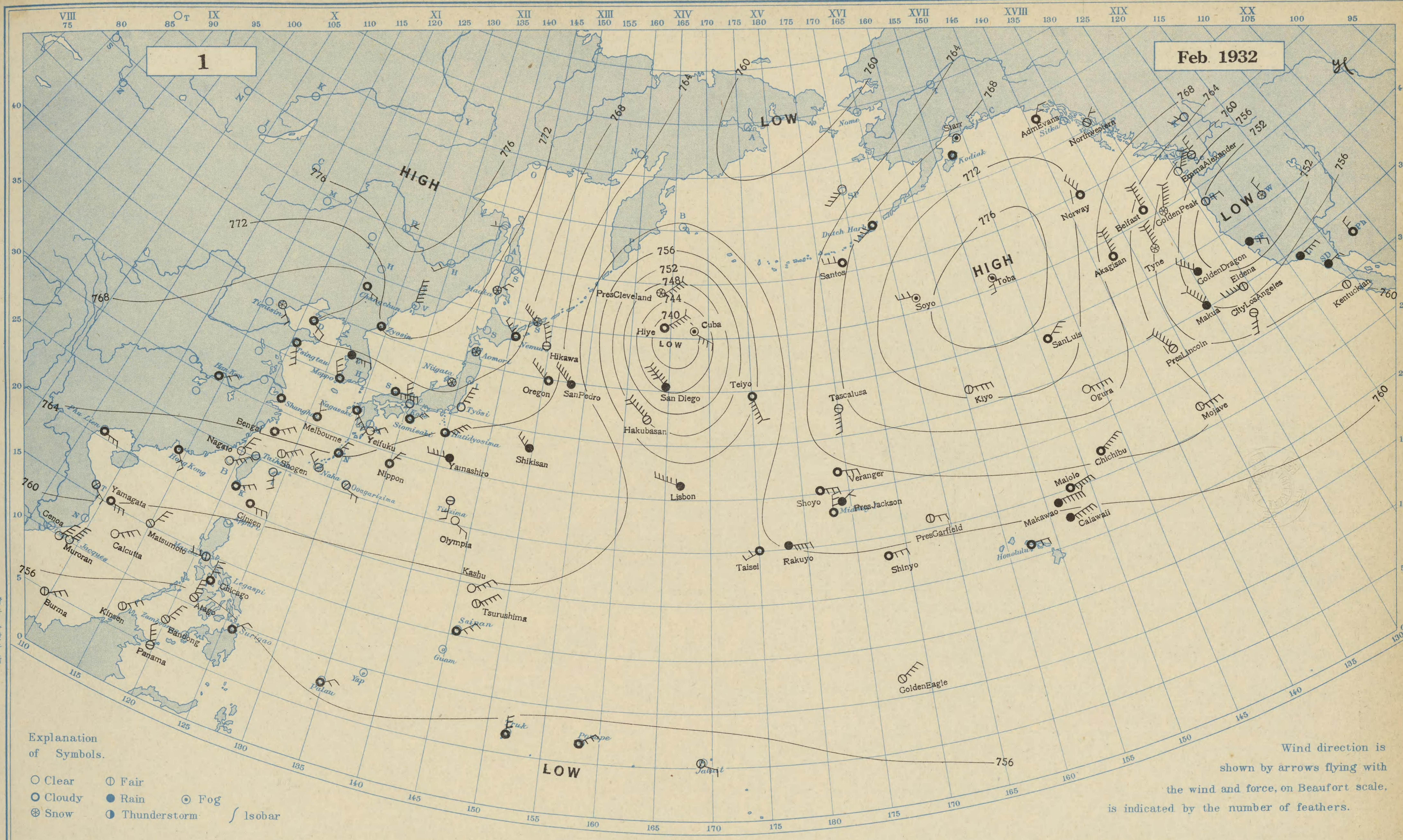
寄贈
772
帝國圖書館

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3319



Station / Hour of Observation	Taihoku 12h, 135E	Naha 12h, 135E	Nagasaki 12h, 135E	Siomisaki 12h, 135E	Kôbe 12h, 135E	Tyôsi 12h, 135E	Hatidyôsima 12h, 135E	Titizima 12h, 135E	Niigata 12h, 135E	Aomori 12h, 135E	Nemuro 12h, 135E	Maoka 12h, 135E	Moppo 12h, 135E	Zyôsin 12h, 135E	Changchun 12h, 135E	Tientsin 12h, 135E	Tsingtau 12h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr.) (* not reduced to Strd. Gr.)	763.1	763.7	765.1	764.8	766.9	766.4	763.4	763.0	768.9	768.1	769.2	771.5	765.7	772.1	767.7	766.6	767.1
Air Temperature (in C)	21.2	21.2	12.1	12.6	11.4	7.6	13.4	21.4	2.4	1.1	- 6.3	- 8.7	6.2	- 0.3	- 1.8	- 0.2	5.3
Direction and Force of Winds (0-12)	- 1	NW 2	SE 4	NE 2	NNW 3	NNE 4	NE 5	S 2	calm	calm	NNW 3	NE 2	NNW 3	calm	ESE 2	SE 2	SSE 3
Weather	clear	fair	cloudy	cloudy	clear	clear	cloudy	fair	snow	snow	cloudy	snow	cloudy	cloudy	cloudy	snow	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 13h	Phu-Lien 10h,	Surigao 13h,	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.)	766.3	766.1	757.9	756.2	756.6	754.2	756.5	762.5	*756.9	*762.0	*754.9	* -	758.9	761.5	-	768.1	768.1
Air Temperature (in C)	9.0	7.9	27.0	27.9	26.8	27.9	28.5	19.	27.	22.	25.	-	21.	-	-	4.	2.
Direction and Force of Winds (0-12)	calm	ENE 2	NE 3	NE 2	N 3	ENE 3	ESE 2	SE 2	W 2	E 3	NE 2	-	E 2	N 3	-	SW 4	calm
Weather	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	fair	cloudy	fair	cloudy	cloudy	-	cloudy	cloudy	-	cloudy	cloudy

發行人發行所
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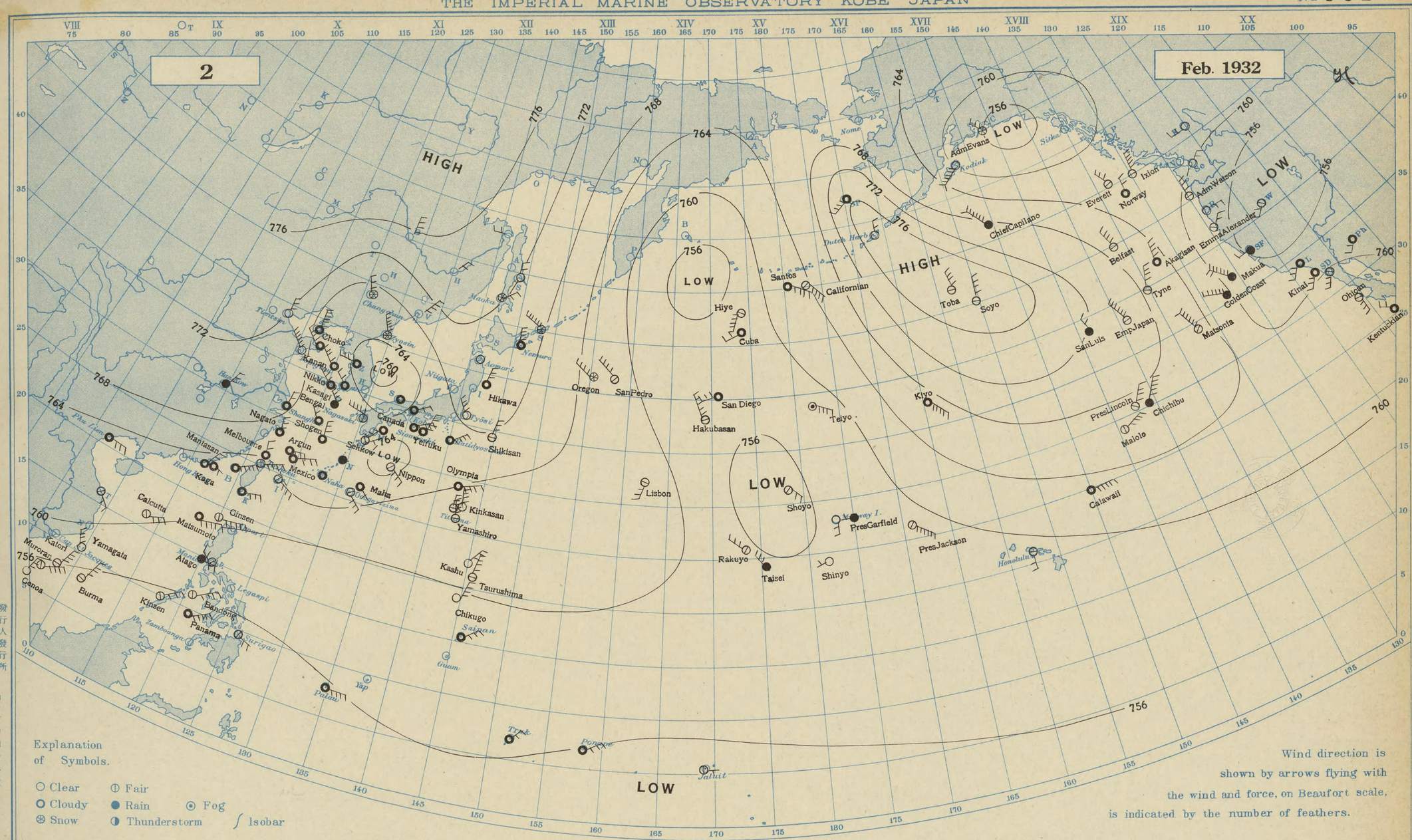
海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3320



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.)	763.5	764.4	764.3	765.0	764.7	768.2	766.2	762.9	-	770.4	770.3	772.1	764.9	766.4	766.6	772.6	769.6
Air Temperature (in C)	24.0	21.2	15.1	11.7	8.2	8.4	12.7	20.9	-	3.6	- 7.5	- 8.8	7.3	- 2.1	- 7.0	0.0	0.2
Direction and Force of Winds (0-12)	ENE 4	- 1	WNW 5	ENE 4	NE 2	NNW 4	NE 4	N 2	-	- 1	N 4	NE 2	NW 2	NNW 6	NNW 3	N 3	NW 6
Weather	fair	cloudy	fair	cloudy	cloudy	clear	cloudy	fair	-	clear	cloudy	snow	cloudy	snow	snow	clear	clear

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 13h	Phu-Lien 10h,	Surigao 13h,	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.)	768.8	769.6	757.8	755.9	756.8	755.4	756.4	-	* 756.9	* 763.0	* 755.3	* -	759.5	758.9	-	753.9	760.0
Air Temperature (in C)	8.6	7.6	26.2	28.4	24.6	26.6	28.4	-	28.	22.	29.	-	22.	-	-	3.	3.
Direction and Force of Winds (0-12)	N 2	NNE 3	NE 3	E 4	NE 2	ENE 3	E 1	-	WNW 2	E 3	ESE 2	-	S 2	S 2	-	N 2	SW 7
Weather	cloudy	rain	cloudy	cloudy	cloudy	cloudy	fair	-	fair	cloudy	fair	-	fair	clear	-	clear	clear

印刷人 發行人 發行所
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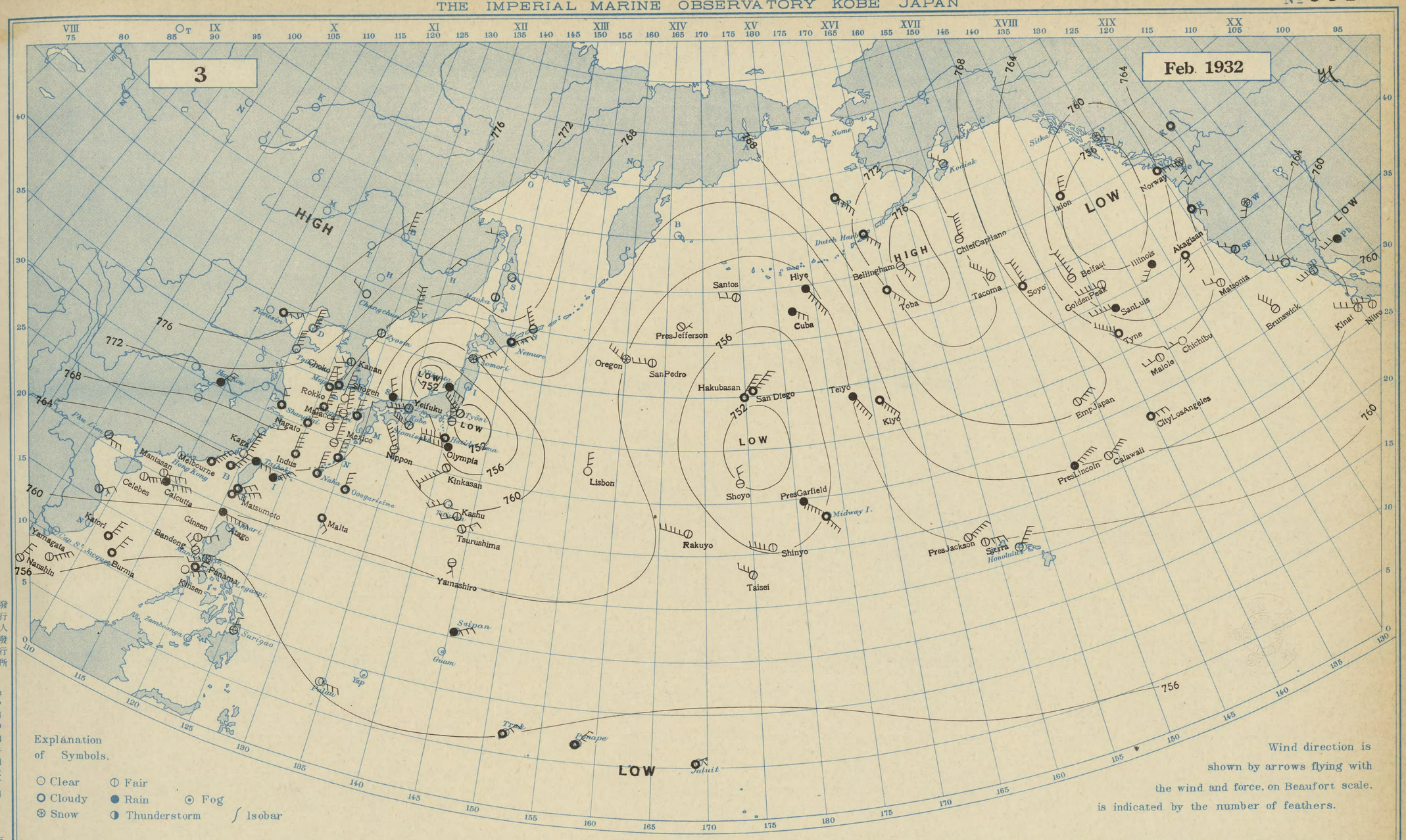
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3321



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.	764.9	764.0	765.9	758.7	759.9	751.6	755.6	759.9	753.1	760.1	766.2	768.3	768.8	767.9	774.0	776.9	763.0
Air Temperature (in C)	17.4	19.0	8.2	11.1	10.1	7.9	13.4	21.5	6.3	0.1	- 7.1	- 7.7	3.5	- 0.2	-13.9	- 1.5	- 1.6
Direction and Force of Winds (0-12)	E 3	N 5	N 3	WNW 5	W 5	NW 6	W 5	WSW 3	SE 4	ENE 5	ENE 4	- 1	NNW 3	- 1	WNW 2	ENE 3	N 5
Weather	rain	cloudy	cloudy	fair	fair	fair	cloudy	clear	rain	snow	cloudy	fair	cloudy	fair	clear	cloudy	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 13h	Phu-Lien 10h,	Surigao 13h,	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.	770.4	768.6	756.9	756.2	756.4	754.3	756.5	-	* 755.9	* 761.0	* 755.0	* -	759.5	755.9	-	774.2	769.6
Air Temperature (in C)	6.4	3.9	24.8	29.2	25.0	27.1	27.5	-	29.	23.	28.	-	21.	-	-	7.	4.
Direction and Force of Winds (0-12)	NNW 2	NNE 3	ENE 3	E 3	NE 2	NE 3	ENE 1	-	WSW 3	E 3	N 2	-	NE 5	SE 4	-	SE 4	NW 2
Weather	cloudy	rain	rain	clear	cloudy	cloudy	cloudy	-	fair	fair	fair	-	clear	cloudy	-	cloudy	clear

印刷人 發行人 發行所
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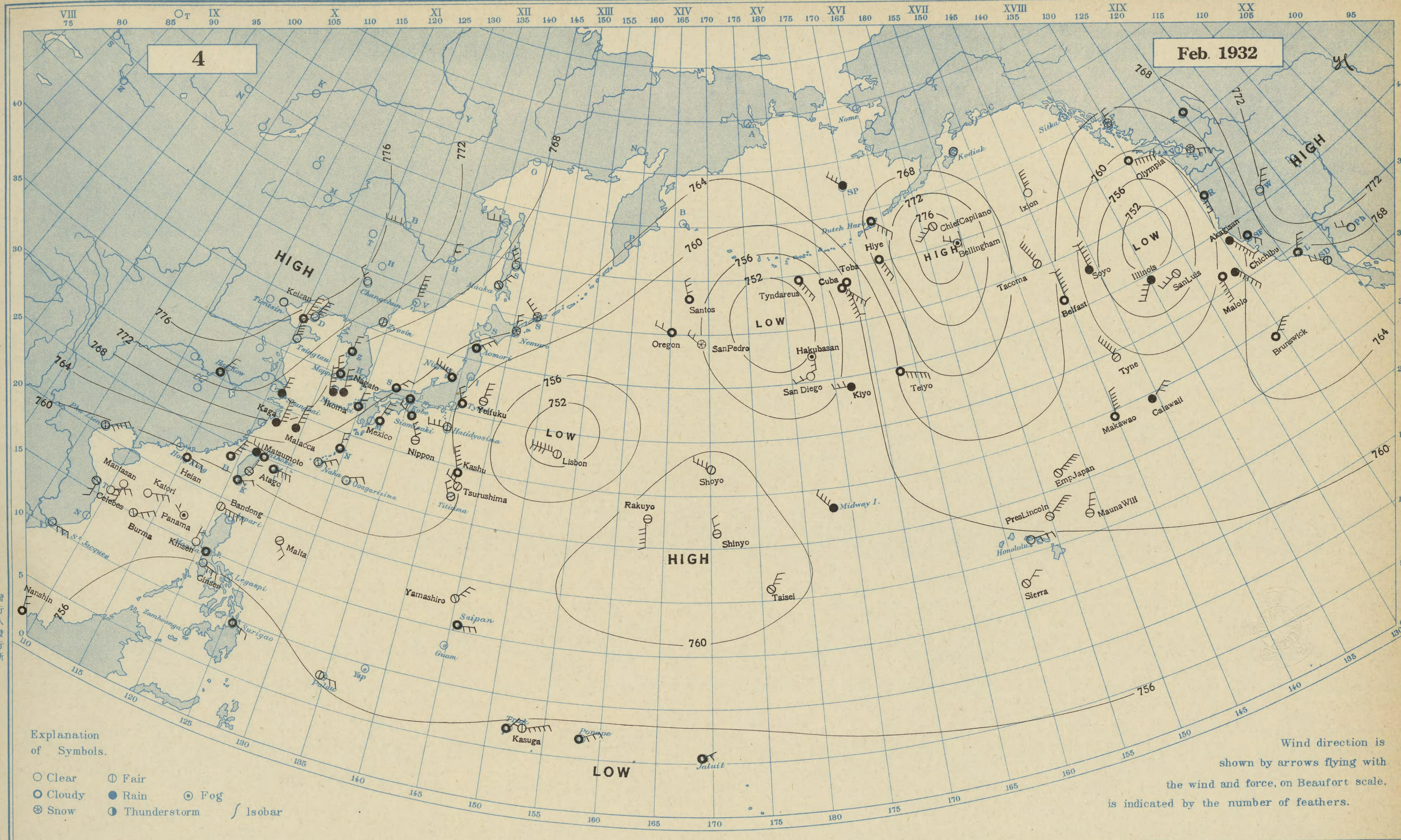
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN



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.)	761.2	762.3	764.0	762.0	763.3	759.9	760.1	760.1	760.1	761.5	764.4	766.6	766.8	769.4	775.7	778.8	773.6
Air Temperature (in C)	18.6	18.9	7.9	9.5	6.8	8.8	13.7	20.1	9.1	0.6	- 5.5	8.8	2.4	- 3.1	-13.3	- 2.2	- 2.8
Direction and Force of Winds (0-12)	- 1	NE 3	N 2	NW 2	- 1	NNW 3	W 3	NNW 2	WNW 5	NE 3	N 2	NE 2	NNW 3	calm	NW 2	- 1	N 6
Weather	rain	fair	cloudy	cloudy	cloudy	cloudy	fair	fair	cloudy	cloudy	snow	fair	cloudy	fair	clear	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 13h	Phu-Lien 10h,	Surigao 13h,	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.)	770.2	773.8	756.3	756.2	756.9	754.7	757.1	-	* 755.5	* 759.7	*755.5	* -	759.5	756.9	-	768.6	766.6
Air Temperature (in C)	3.0	0.7	26.6	29.7	26.4	28.9	27.9	-	29.	19.	27.	-	21.	-	-	7.	2.
Direction and Force of Winds (0-12)	N 3	NNE 4	E 3	E 2	NE 2	ENE 3	ENE 1	-	calm	NE 5	ESE 2	-	E 3	NW 4	-	SE 4	calm
Weather	rain	cloudy	cloudy	fair	cloudy	cloudy	cloudy	-	cloudy	fair	cloudy	-	clear	rain	-	cloudy	clear

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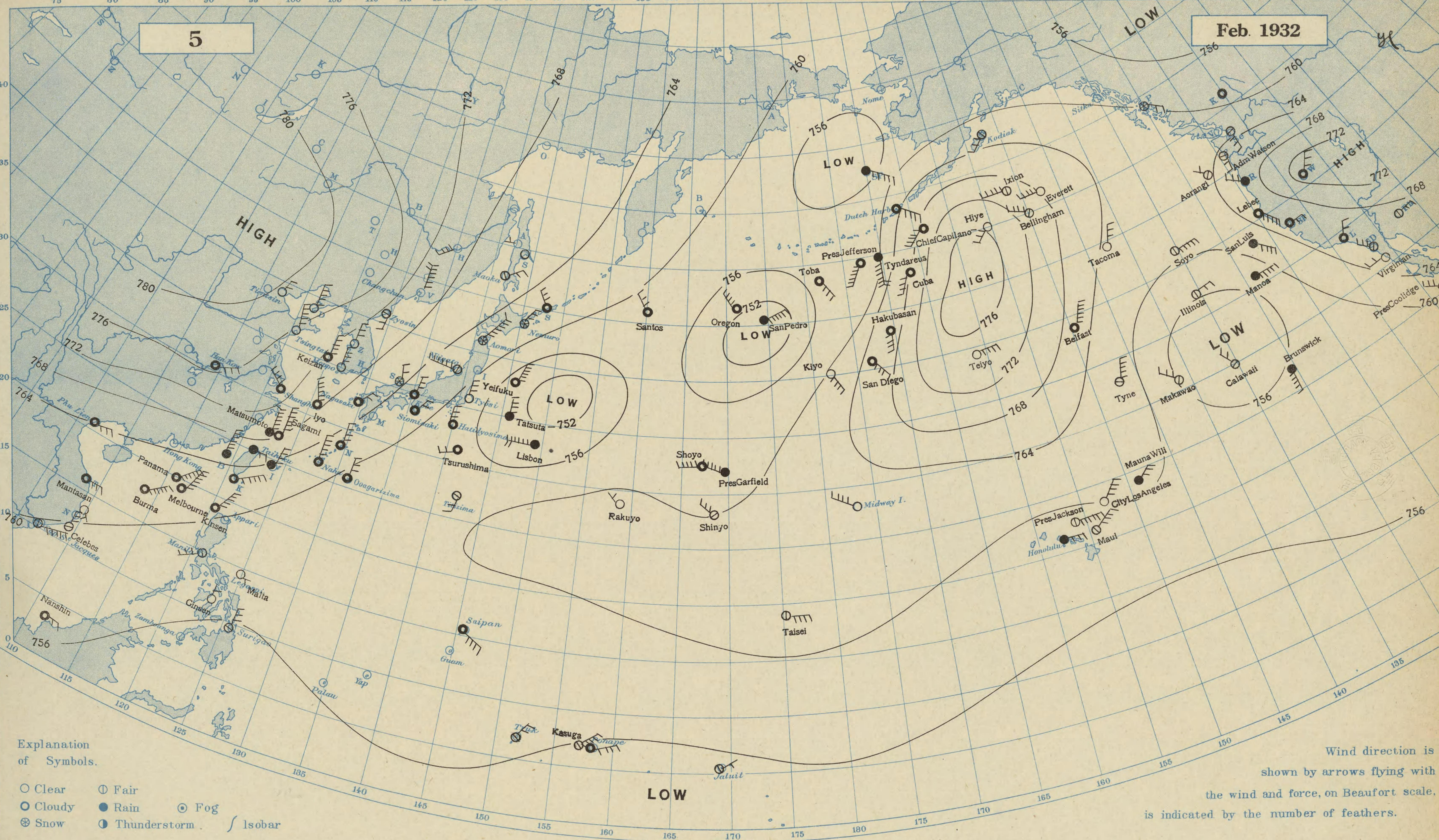
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN



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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.)	767.7	761.9	764.6	761.0	763.4	759.2	759.0	759.4	762.4	760.0	763.4	765.6	769.3	772.1	777.2	779.6	775.7
Air Temperature (in C)	11.5	15.8	8.5	10.7	6.5	8.7	13.4	20.9	6.0	- 0.2	- 5.3	- 8.4	4.6	- 4.0	-10.7	- 1.5	- 3.2
Direction and Force of Winds (0-12)	E 2	N 5	NE 2	NE 2	N 3	N 3	N 3	SSW 2	WNW 6	NE 7	NE 3	NE 2	N 4	S 2	- 1	NNE 2	NNW 6
Weather	rain	cloudy	cloudy	cloudy	cloudy	clear	cloudy	fair	fair	snow	snow	fair	clear	fair	clear	clear	clear

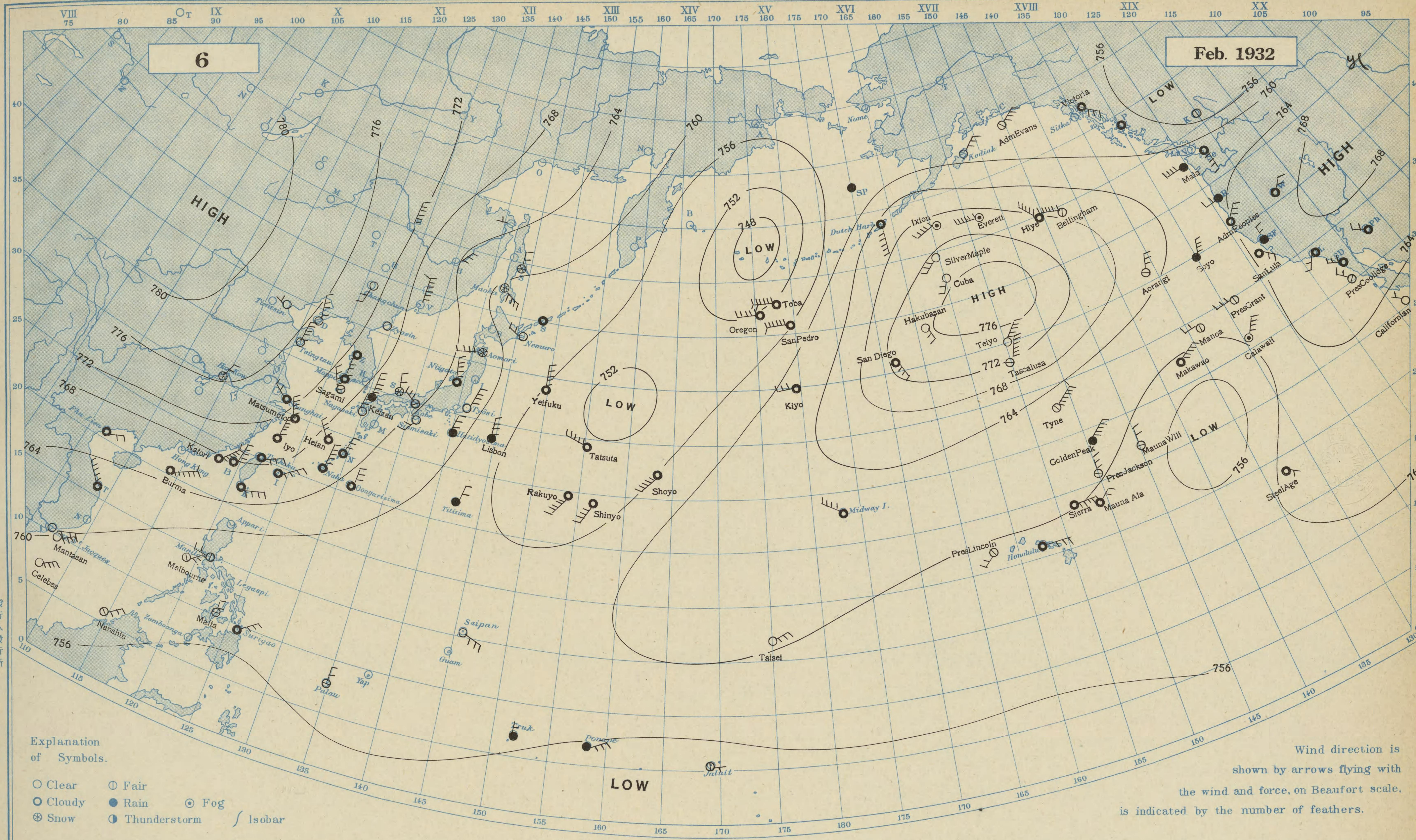
Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Saipan 12h, 135E	Palau 12h, 135E	Truk 7h,	Ponape 12h, 135E	Jaluit 8h,	Hongkong 10h,	Manila 13h	Phu-Lien 10h,	Surigao 13h,	Yap 14h,	Honolulu Midnight G.M.T.	Midway I. Midnight G.M.T.	Nome 14h, 165W	Dutch Harbor Midnight G.M.T.	Kodiak Midnight G.M.T.
Atm. Pressure (Red. to m.s.l. and Strd. Gr.) (* not reduced to Strd. Gr.)	773.5	776.8	757.7	756.4	757.5	754.9	757.4	-	*756.2	*764.0	*755.5	* -	757.4	761.5	-	764.0	760.5
Air Temperature (in C)	1.8	0.3	25.3	28.4	26.8	28.6	28.8	-	31.	14.	28.	-	21.	-	-	8.	8.
Direction and Force of Winds (0-12)	NW 4	NE 3	SE 4	- 1	NE 2	ENE 4	ENE 1	-	SW 3	ENE 3	N 3	-	E 3	NW 4	-	SE 4	SW 3
Weather	cloudy	cloudy	cloudy	cloudy	fair	cloudy	fair	-	fair	cloudy	fair	-	rain	clear	-	cloudy	fair

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3324



Explanation of Symbols.

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

Wind direction is shown by arrows flying with the wind and force, on Beaufort 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.)	769.0	765.5	768.2	763.3	765.0	761.3	760.5	758.0	763.8	761.7	759.7	758.1	770.8	769.9	774.3	777.1	774.6
Air Temperature (in C)	13.7	16.4	7.5	8.4	7.4	7.8	10.1	16.9	3.8	- 1.5	- 5.6	- 9.6	3.9	- 2.9	- 8.8	0.3	- 1.2
Direction and Force of Winds (0-12)	ENE 3	N 5	NNE 3	SW 2	NW 3	NNE 4	NNE 3	NNE 2	NNW 5	WSW 4	NW 2	SE 4	N 4	- 1	SSW 2	WNW 1	N 5
Weather	cloudy	cloudy	clear	clear	fair	clear	rain	rain	cloudy	snow	clear	snow	cloudy	clear	clear	clear	clear
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 13h**	**Phu-Lien 10h,**	**Surigao 13h,**	**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.)	773.8	776.0	757.7	757.8	759.6	755.2	757.2	-	* 757.9	* 766.3	* 756.9	* -	758.9	761.0	-	766.1	759.5
Air Temperature (in C)	1.6	- 1.3	27.3	28.6	25.7	25.7	28.6	-	29.	9.	27.	-	4.	-	-	7.	-11.
Direction and Force of Winds (0-12)	NW 2	NNE 2	SE 3	N 2	N 1	ENE 3	E 1	-	W 2	NE 2	NE 3	-	E 3	NW 4	-	S 5	NE 3
Weather	cloudy	snow	clear	fair	rain	rain	fair	-	fair	cloudy	cloudy	-	cloudy	cloudy	-	cloudy	clear

發行人 發行所
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(Noon of the meridian of 135° E.)

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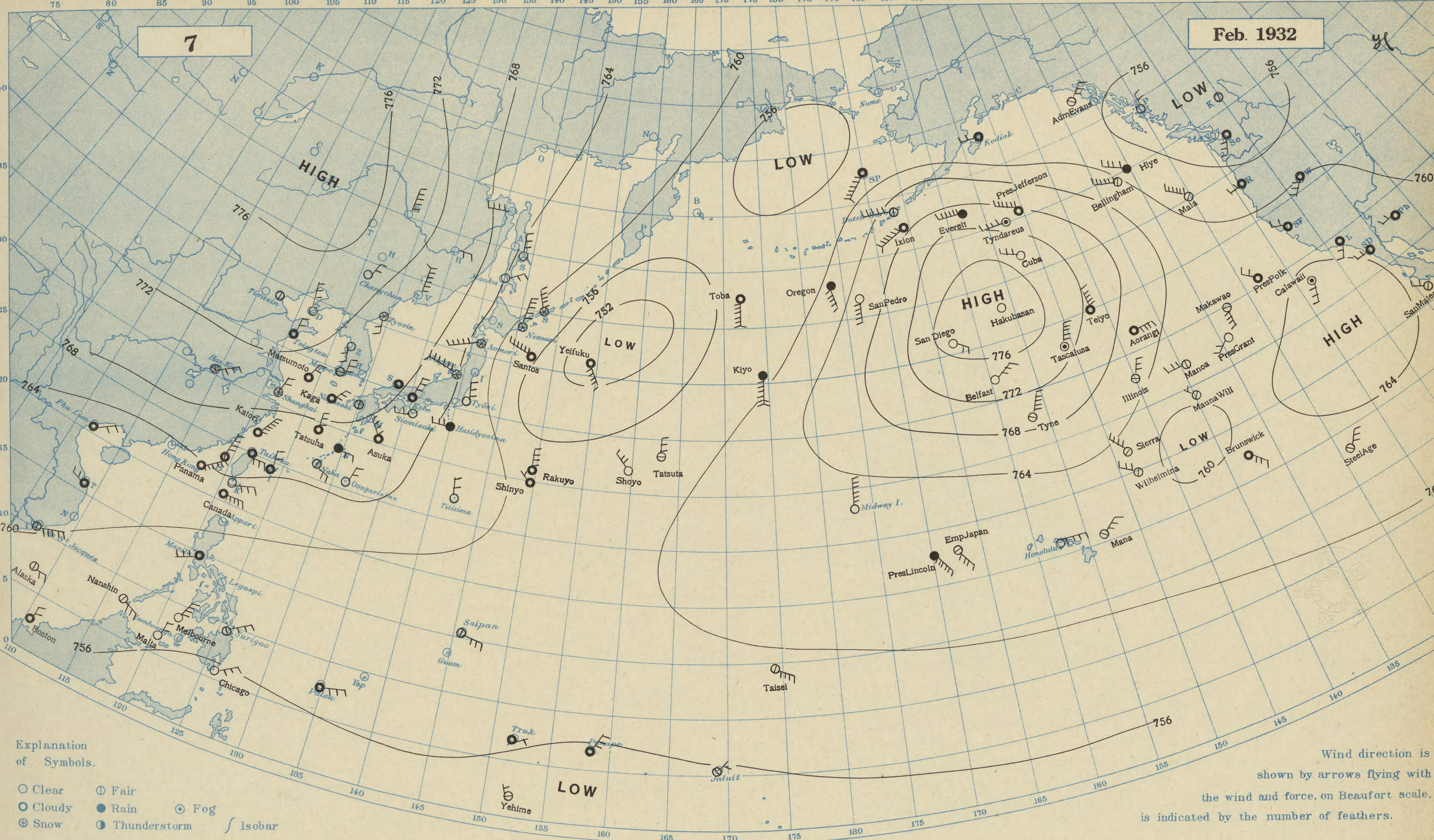


Explanation of Symbols.

○ 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	764.7 20.0 E 3 cloudy	765.2 18.4 ESE .2 fair	768.4 9.7 - 1 fair	765.1 8.7 W 2 clear	767 2 6.5 NNE 3 cloudy	762.2 7.5 NNW 3 clear	762.3 9.4 W 3 rain	762.0 17.8 NNW 2 clear	765.9 3.0 WNW 7 snow	762.6 - 5.3 WSW 5 snow	757.0 - 6.3 NNE 5 snow	764.2 -12.1 NE 2 clear	769.8 5.9 N 3 fair	771.5 - 2.2 SSE 2 snow	774.1 - 9.9 NNE 2 clear	772.3 2.0 - 1 fair	772.2 - 2.6 N 2 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 13h	Phu-Lien 10h,	Surigao 13h,	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	768.9 3.0 NNE 2 snow	770.0 - 0.1 NE 3 snow	757.8 27.4 ESE 3 fair	756.7 28.9 ENE 3 cloudy	758.5 26.8 ENE 1 cloudy	755.7 28.5 NE 3 cloudy	757.7 27.8 NE 1 fair	- - - -	* 758.3 30. WSW 3 cloudy	* 762.2 12. NE 2 cloudy	* 757.1 29. NE 3 fair	* - - - -	762.5 20. E 4 clear	763.0 - N 6 clear	- - - -	766.1 6. W 5 fair	750.8 3. W 2 cloudy

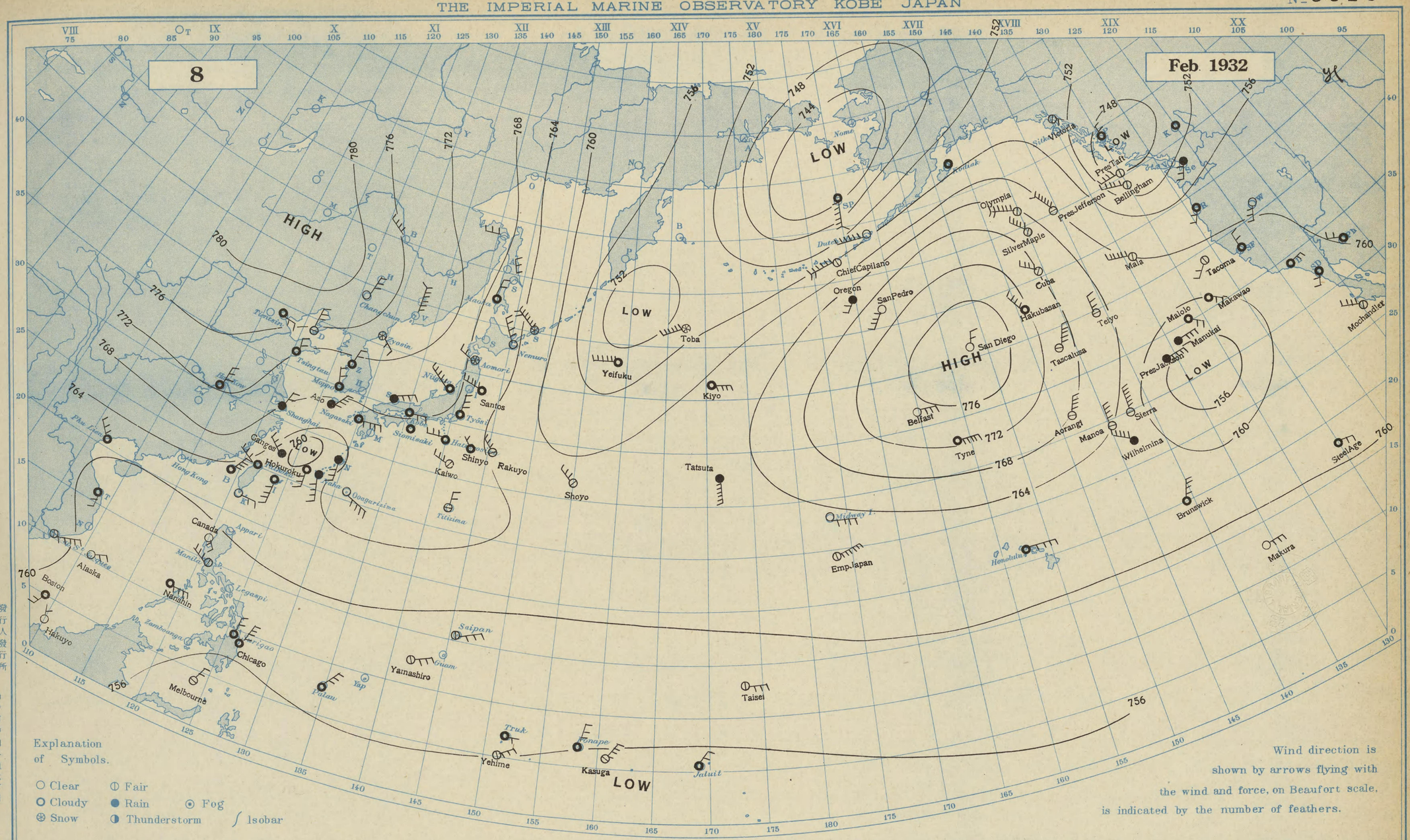
發行所 發行人
印刷人 販賣所
神戸市中山手通七丁目
海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3326



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.)	763.3	763.7	767.3	766.9	768.7	765.9	765.0	765.1	768.7	767.1	766.3	767.6	768.7	774.4	779.2	776.5	771.6
Air Temperature (in C)	15.4	17.8	7.8	9.7	5.4	7.1	14.0	17.7	3.2	- 4.0	- 8.6	-11.0	4.8	- 3.6	-13.3	1.2	0.8
Direction and Force of Winds (0-12)	NW 3	SSE 4	E 4	- 1	E 2	N 3	W 3	N 2	NW 5	NW 2	NNW 4	NNE 2	NNW 2	SE 2	NNE 3	E 2	NNW 2
Weather	cloudy	rain	cloudy	cloudy	cloudy	cloudy	cloudy	fair	cloudy	snow	clear	cloudy	cloudy	snow	clear	cloudy	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 13h	Phu-Lien 10h,	Surigao 13h,	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.)	768.0	772.8	757.9	756.8	758.3	756.0	757.4	-	* 759.1	* 761.7	* 756.6	* -	762.0	763.5	-	753.4	752.8
Air Temperature (in C)	5.4	0.5	27.5	29.5	26.7	27.4	27.2	-	30.	14.	28.	-	21.	-	-	7.	2.
Direction and Force of Winds (0-12)	NNE 2	N 3	ENE 3	NE 3	E 1	NNE 3	NE 2	-	NW 3	NW 3	N 2	-	E 4	E 4	-	W 6	calm
Weather	rain	cloudy	fair	cloudy	cloudy	cloudy	cloudy	-	fair	cloudy	cloudy	-	cloudy	clear	-	clear	cloudy

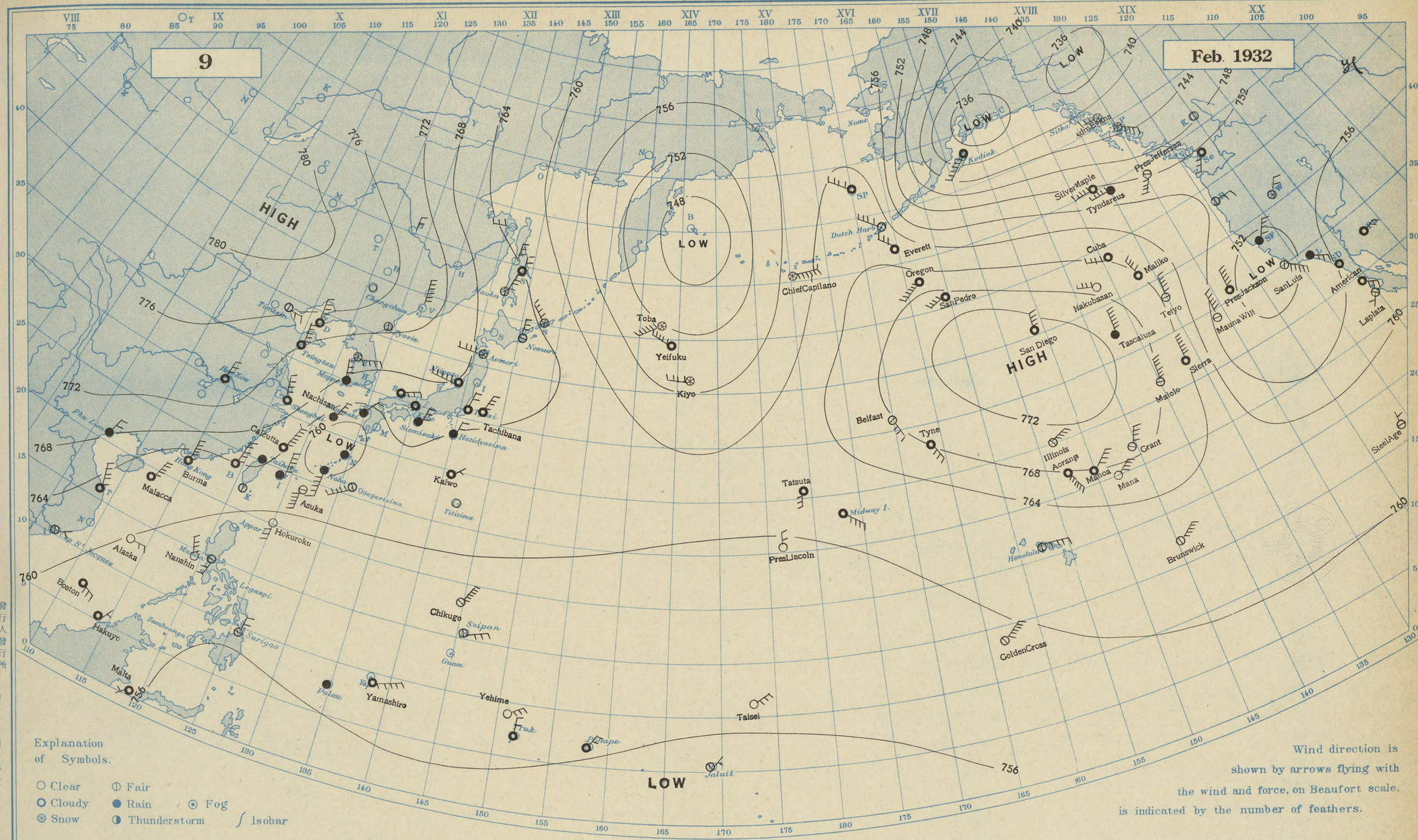
發行人 發行所
印刷人 販賣所
神戸市中山手通七丁目
海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3327



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.)	764.3	759.4	762.5	765.0	767.0	765.1	763.6	763.7	768.0	766.5	765.2	765.3	766.2	773.9	777.3	776.6	771.7
Air Temperature (in C)	13.3	21.2	8.3	4.7	5.3	7.2	11.9	20.3	3.5	- 3.9	- 7.2	-11.2	5.3	- 3.6	- 9.3	- 1.2	- 2.8
Direction and Force of Winds (0-12)	- 1	S 5	NE 2	NNE 3	- 1	NNE 2	NNE 2	- 1	WNW 5	WNW 4	N 3	NNE 4	NNW 3	- 1	- 1	E 2	N 5
Weather	rain	rain	rain	rain	cloudy	cloudy	rain	clear	cloudy	snow	fair	snow	rain	fair	clear	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 13h	Phu-Lien 10h,	Surigao 13h,	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.)	769.4	775.2	758.8	757.0	758.4	756.2	756.8	-	* 758.4	* 768.5	* 757.6	* -	762.0	760.5	-	762.0	736.1
Air Temperature (in C)	4.1	0.9	26.1	25.7	26.2	28.3	28.1	-	30.	9.	28.	-	21.	-	-	1.	1.
Direction and Force of Winds (0-12)	NNW 4	N 3	ENE 3	- 1	N 2	NE 3	NE 1	-	SSW 2	NNE 2	N 2	-	E 4	SE 4	-	NW 4	SW 6
Weather	cloudy	cloudy	fair	rain	cloudy	cloudy	fair	-	fair	rain	fair	-	fair	cloudy	-	fair	cloudy

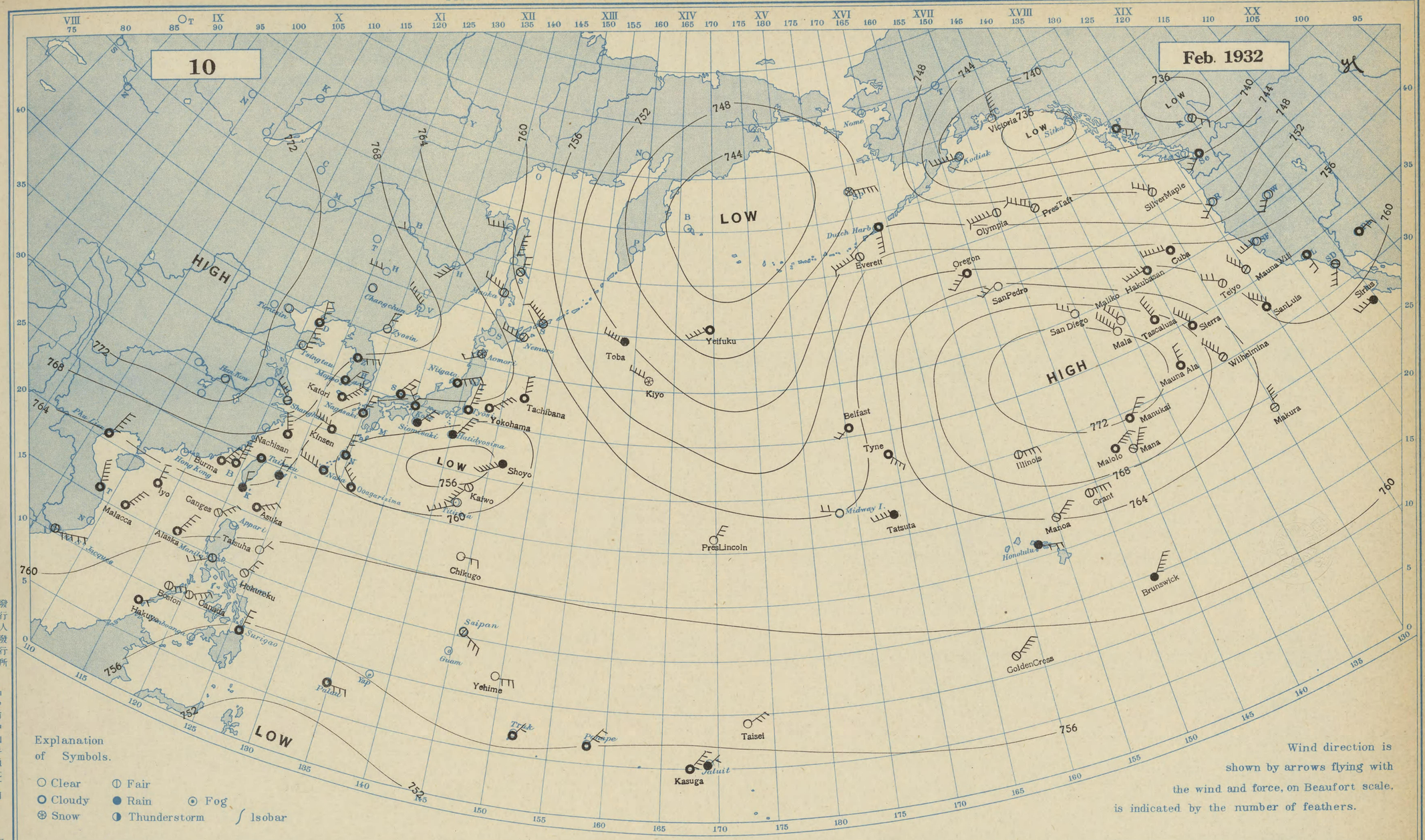
發行人 印刷人 發行所 販賣所 神戸市中山手通七丁目 海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3328



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.	766.6	762.5	761.5	760.7	763.2	762.9	758.0	758.4	766.0	765.2	761.6	760.8	765.6	769.9	770.6	771.4	769.2
Air Temperature (in C)	10.3	15.4	5.7	7.0	6.6	4.4	10.2	23.4	2.5	- 2.0	- 5.1	- 5.8	6.0	- 3.0	- 6.8	0.8	- 0.8
Direction and Force of Winds (0-12)	- 1	WNW 5	NNE 3	NE 3	NW 3	NNE 6	NE 7	SW 4	ENE 4	SW 2	NW 4	NW 5	NE 2	NNE 2	- 1	- 1	N 5
Weather	cloudy	cloudy	cloudy	rain	cloudy	cloudy	rain	clear	cloudy	snow	fair	fair	cloudy	clear	clear	clear	clear

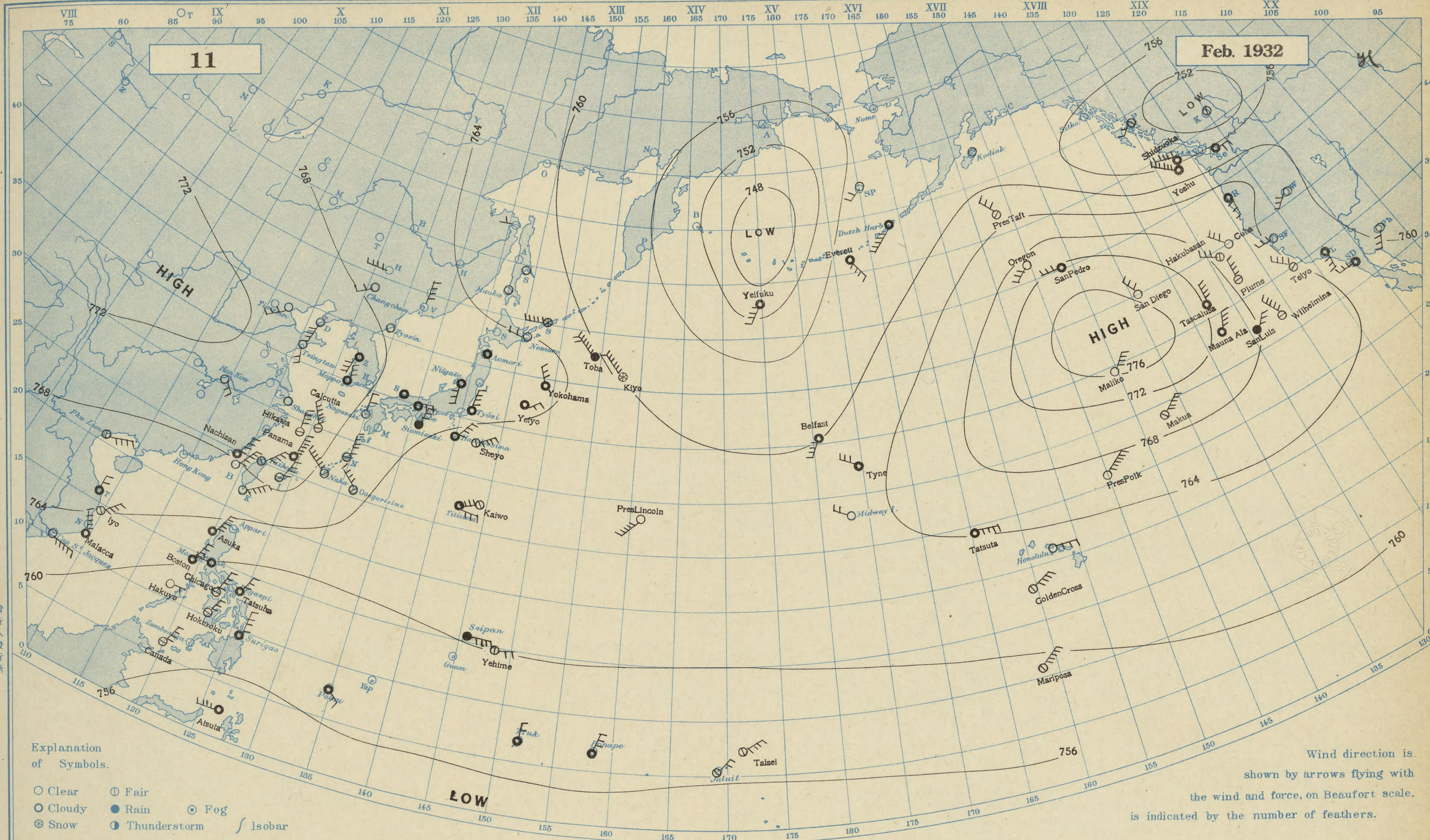
Station / Hour of Observation	Shanghai 12h, 135 E	Hankow 12h, 135 E	Saipan 12h, 135 E	Palau 12h, 135 E	Truk 7h,	Ponape 12h, 135 E	Jaluit 8h,	Hongkong 10h,	Manila 13h	Phu-Lien 10h,	Surigao 13h,	Yap 14h,	Honolulu Midnight G.M.T.	Midway I. Midnight G.M.T.	Nome 14h, 165W	Dutch Harbor Midnight G.M.T.	Kodiak Midnight G.M.T.
Atm. Pressure (Red. to m.s.l. and Strd Gr.) * not reduced to Strd Gr.	769.6	773.6	758.4	754.1	758.3	756.0	757.1	-	* 758.2	* 763.9	* 756.7	* -	763.0	760.0	-	752.8	738.1
Air Temperature (in C)	1.9	2.8	27.7	27.2	26.0	28.4	26.4	-	30.	12.	27.	-	21.	-	-	1.	- 6.
Direction and Force of Winds (0-12)	NW 4	- 1	SE 3	E 3	NE 1	NE 3	NE 1	-	SW 3	NNE 5	N 3	-	E 3	W 2	-	S 4	W 6
Weather	fair	clear	fair	cloudy	cloudy	cloudy	rain	-	fair	cloudy	cloudy	-	rain	clear	-	cloudy	clear

発行人 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



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.)	769.6	766.9	767.3	764.1	766.4	764.5	761.7	759.9	766.8	766.5	764.2	762.7	769.6	766.7	767.6	768.6	770.6
Air Temperature (in C)	14.3	16.5	10.2	6.7	5.6	9.0	13.7	22.7	4.7	2.2	- 0.1	- 1.7	8.2	- 0.3	- 6.1	2.9	3.0
Direction and Force of Winds (0-12)	NE 4	NW 6	N 2	NNE 3	E 2	NNE 4	NE 4	ESE 3	S 3	- 1	WNW 2	- 1	NNW 3	- 1	SW 2	SW 3	SSE 2
Weather	fair	fair	clear	rain	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	clear	clear	cloudy	clear	clear	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 13h	Phu-Lien 10h,	Surigao 13h,	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.)	771.9	770.3	760.1	757.8	760.0	757.9	758.2	-	* 759.8	* 767.0	* 757.5	* -	763.5	763.0	-	757.9	756.9
Air Temperature (in C)	4.0	4.6	26.6	27.9	25.7	28.1	27.7	-	29.	15.	25.	-	22.	-	-	1.	- 2.
Direction and Force of Winds (0-12)	- 1	SE 2	ESE 4	SE 2	N 2	NNE 3	NE 2	-	W 2	ENE 4	N 4	-	E 3	NW 2	-	SW 5	calm
Weather	clear	clear	rain	cloudy	cloudy	cloudy	fair	-	cloudy	fair	cloudy	-	clear	clear	-	cloudy	clear

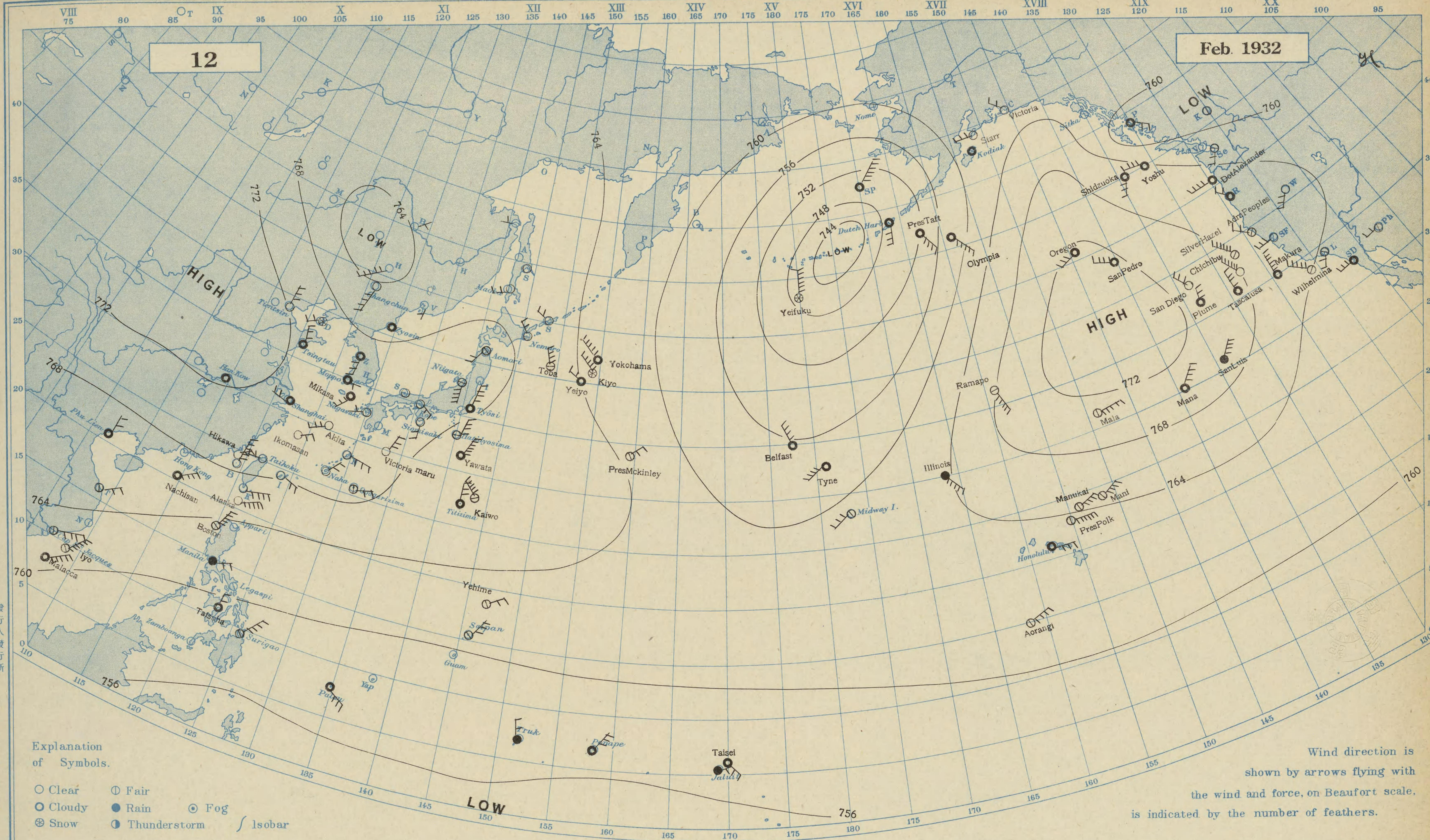
發行人發行所
印刷人販賣所
神戸市中山手通七丁目
海洋氣象臺

No 3330

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 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.)	768.6	768.7	771.0	768.6	769.6	768.5	766.8	762.8	769.9	769.0	766.3	766.3	769.4	767.5	764.2	771.9	769.9
Air Temperature (in C)	19.7	18.8	11.3	11.7	9.8	9.0	13.3	18.5	8.1	3.4	2.1	- 0.3	6.5	0.7	- 3.3	0.8	2.0
Direction and Force of Winds (0-12)	W 2	NE 2	WSW 2	S 2	SE 2	NNE 4	NNE 4	N 3	S 4	SW 2	NNW 2	WSW 2	E 1	- 1	SSW 4	N 3	NNW 3
Weather	clear	clear	clear	clear	clear	cloudy	·fair	cloudy	fair	fair	clear	clear	cloudy	cloudy	clear	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 13h	Phu-Lien 10h,	Surigao 13h,	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.)	770.1	772.2	760.7	758.5	759.6	756.2	759.3	-	* 760.9	* 766.5	* 757.5	* -	761.5	760.5	-	748.8	761.0
Air Temperature (in C)	7.7	6.0	27.1	28.5	26.0	27.4	23.4	-	25.	14.	27.	-	22.	-	-	3.	- 2.
Direction and Force of Winds (0-12)	WNW 2	- 1	NE 3	SE 3	NNW 2	NE 3	ENE 1	-	ENE 2	N 2	NE 4	-	E 3	SW 3	-	S 3	calm
Weather	cloudy	cloudy	fair	cloudy	rain	cloudy	rain	-	rain	cloudy	fair	-	cloudy	fair	-	cloudy	cloudy

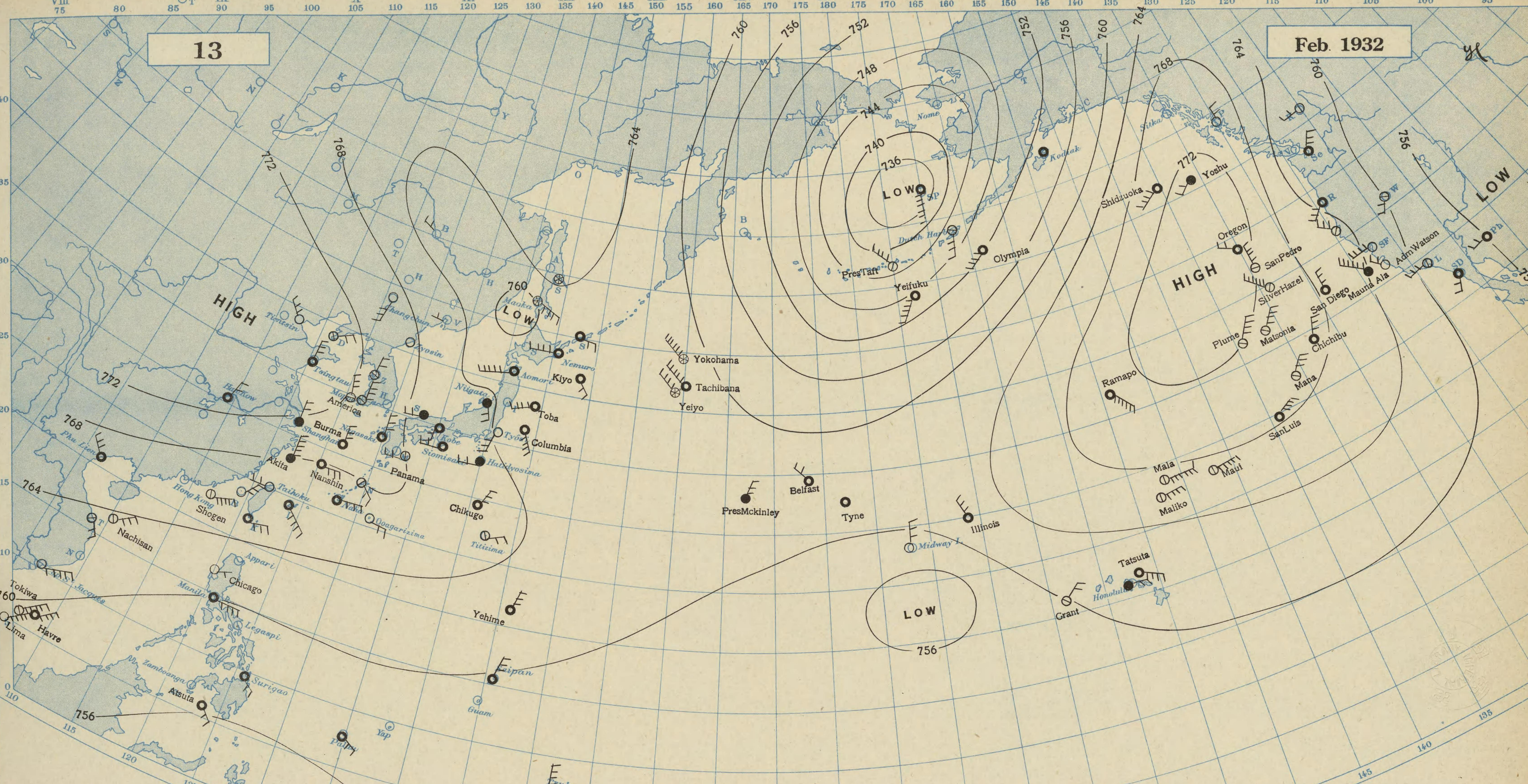
發行人發行所
印刷人販賣所
神戸市中山手通七丁目
海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3331



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.)	766.3	767.4	768.4	766.1	766.3	763.5	766.7	765.7	765.5	761.9	762.6	759.5	770.0	768.3	769.5	773.4	773.2
Air Temperature (in C)	19.4	19.7	9.9	15.6	13.2	14.7	14.4	21.2	3.7	4.1	3.6	- 1.6	6.2	2.1	- 6.3	2.7	- 0.6
Direction and Force of Winds (0-12)	W 2	E 3	N 3	W 2	S 2	SSW 3	W 2	ENE 2	SSE 2	WSW 5	W 4	SE 4	N 4	- 1	SSW 3	NW 3	N 3
Weather	clear	cloudy	cloudy	cloudy	cloudy	clear	rain	fair	rain	cloudy	cloudy	snow	fair	clear	clear	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 13h	Phu-Lien 10h,	Surigao 13h,	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.)	771.4	772.5	759.9	759.4	759.0	755.3	758.1	-	* 759.8	* 765.5	* 757.5	* -	760.5	759.5	-	746.2	752.3
Air Temperature (in C)	5.8	6.9	26.5	29.6	26.4	26.5	28.3	-	28.	15.	27.	-	21.	-	-	3.	1.
Direction and Force of Winds (0-12)	N 2	NNE 2	NNE 3	SE 2	N 4	E 2	ENE 1	-	E 4	NW 3	SE 2	-	E 2	N 3	-	S 3	calm
Weather	rain	cloudy	cloudy	cloudy	cloudy	cloudy	fair	-	cloudy	cloudy	cloudy	-	rain	clear	-	fair	cloudy

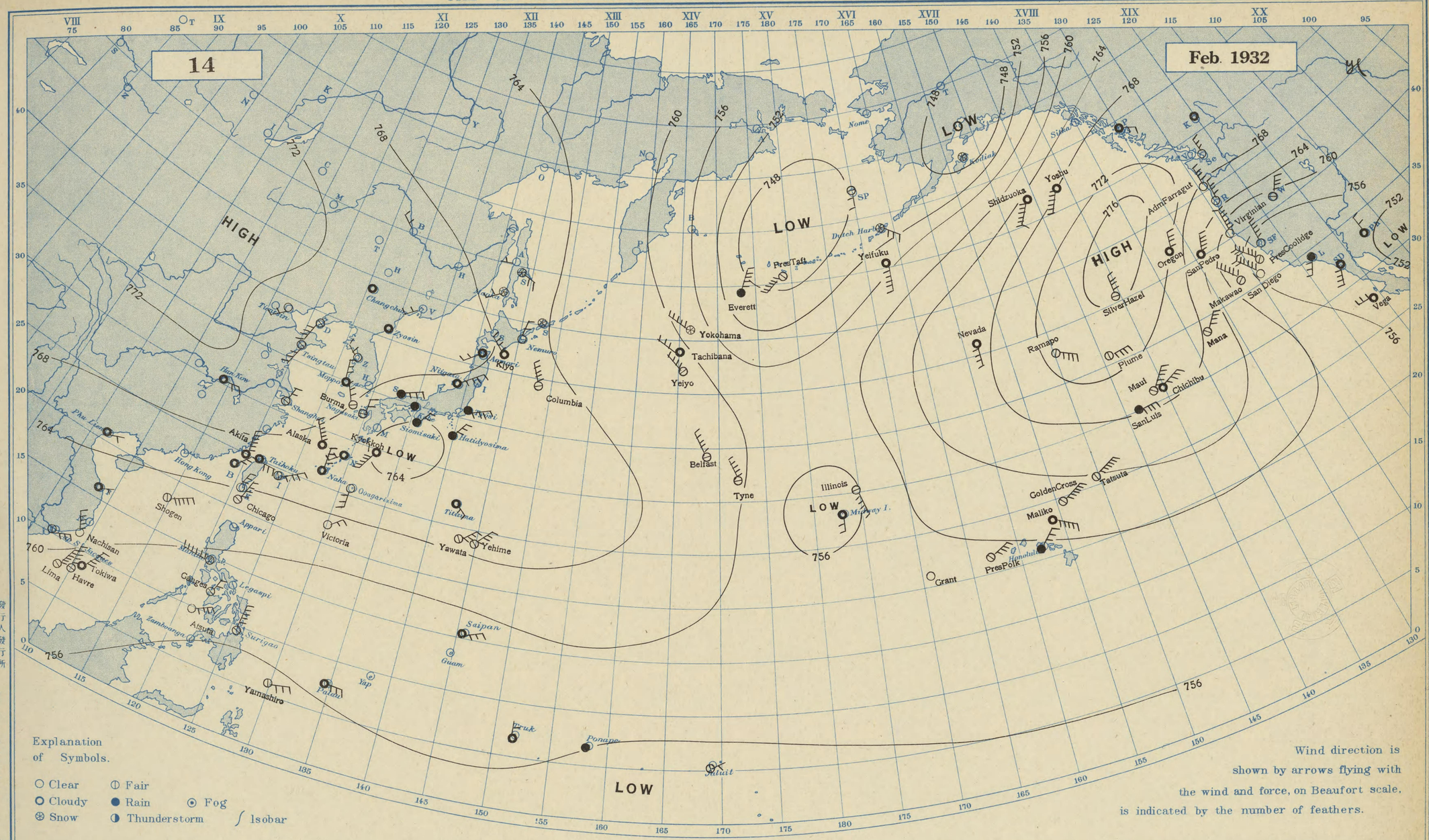
發行人 發行所 印刷人 印刷所 神戸市中山手通七丁目 海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3332



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.	767.1	764.8	767.0	764.3	765.8	766.5	764.7	765.6	767.6	768.2	766.1	765.0	770.0	770.0	770.5	768.1	770.8
Air Temperature (in C)	17.9	19.5	10.4	11.6	8.6	8.5	13.4	20.9	6.5	2.7	0.9	- 3.1	5.2	0.4	- 8.3	3.8	4.7
Direction and Force of Winds (0-12)	E 3	N 4	N 2	NE 2	- 1	ENE 4	NE 3	SE 2	NE 4	SW 2	NNE 2	SW 2	NNW 3	- 1	- 1	SW 2	SSW 3
Weather	cloudy	cloudy	fair	rain	rain	rain	rain	cloudy	cloudy	cloudy	clear	snow	cloudy	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 13h	Phu-Lien 10h,	Surigao 13h,	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.	770.9	771.2	758.9	758.4	757.9	755.1	757.6	-	* 758.5	* 765.3	* 756.9	* -	759.5	754.9	-	751.3	747.8
Air Temperature (in C)	6.0	7.1	26.0	29.6	29.8	25.6	28.6	-	30.	16.	28.	-	2.	-	-	1.	0.
Direction and Force of Winds (0-12)	NNE 2	E 2	ENE 3	E 3	N 1	- 1	ENE 1	-	W 5	ENE 1	N 5	-	NE 3	S 2	-	SE 3	calm
Weather	fair	cloudy	cloudy	cloudy	cloudy	rain	fair	-	fair	cloudy	fair	-	rain	cloudy	-	snow	snow

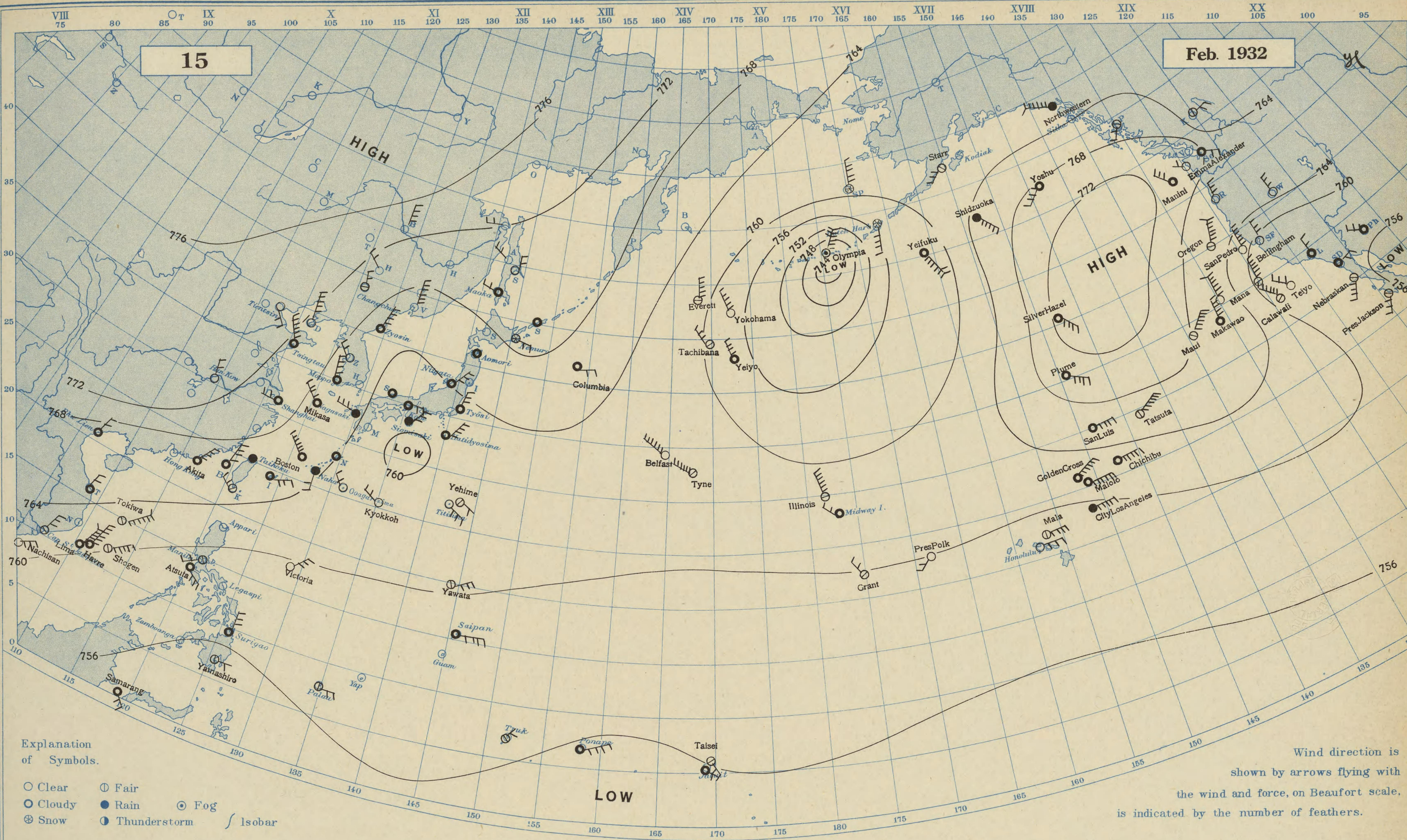
發行人 印刷人 發行所 神戸市中山手通七丁目 海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3333



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.)	766.9	764.7	764.3	761.5	761.6	763.4	761.7	763.0	764.4	765.7	768.8	769.3	767.2	764.8	770.3	773.1	770.3
Air Temperature (in C)	15.4	18.3	9.8	10.1	10.6	11.8	15.2	23.0	8.2	4.9	0.6	- 3.5	5.7	0.6	-10.0	- 0.5	1.8
Direction and Force of Winds (0-12)	calm	S 2	WNW 3	NE 3	ESE. 2	NNE 3	NE 4	SE 3	NE 3	- 1	ESE 2	WNW 2	NNW 4	NNE 4	NNW 2	SE 2	NW 6
Weather	rain	rain	rain	rain	cloudy	cloudy	cloudy	clear	cloudy	cloudy	snow	cloudy	cloudy	cloudy	fair	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 13h	Phu-Lien 10h,	Surigao 13h,	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.)	770.6	773.5	758.6	758.2	758.0	754.9	758.0	-	* 759.0	* 767.7	* 757.7	* -	757.4	761.0	-	756.4	-
Air Temperature (in C)	7.9	11.5	26.5	29.7	26.0	27.7	26.8	-	31.	14.	28.	-	21.	-	-	1.	-
Direction and Force of Winds (0-12)	W 2	NNW 2	E 4	E 2	NE 1	ENE 4	SE 1	-	SW 2	NNE 2	N 3	-	E 3	NW 2	-	S 4	-
Weather	cloudy	clear	cloudy	fair	fair	cloudy	cloudy	-	fair	cloudy	cloudy	-	clear	cloudy	-	snow	-

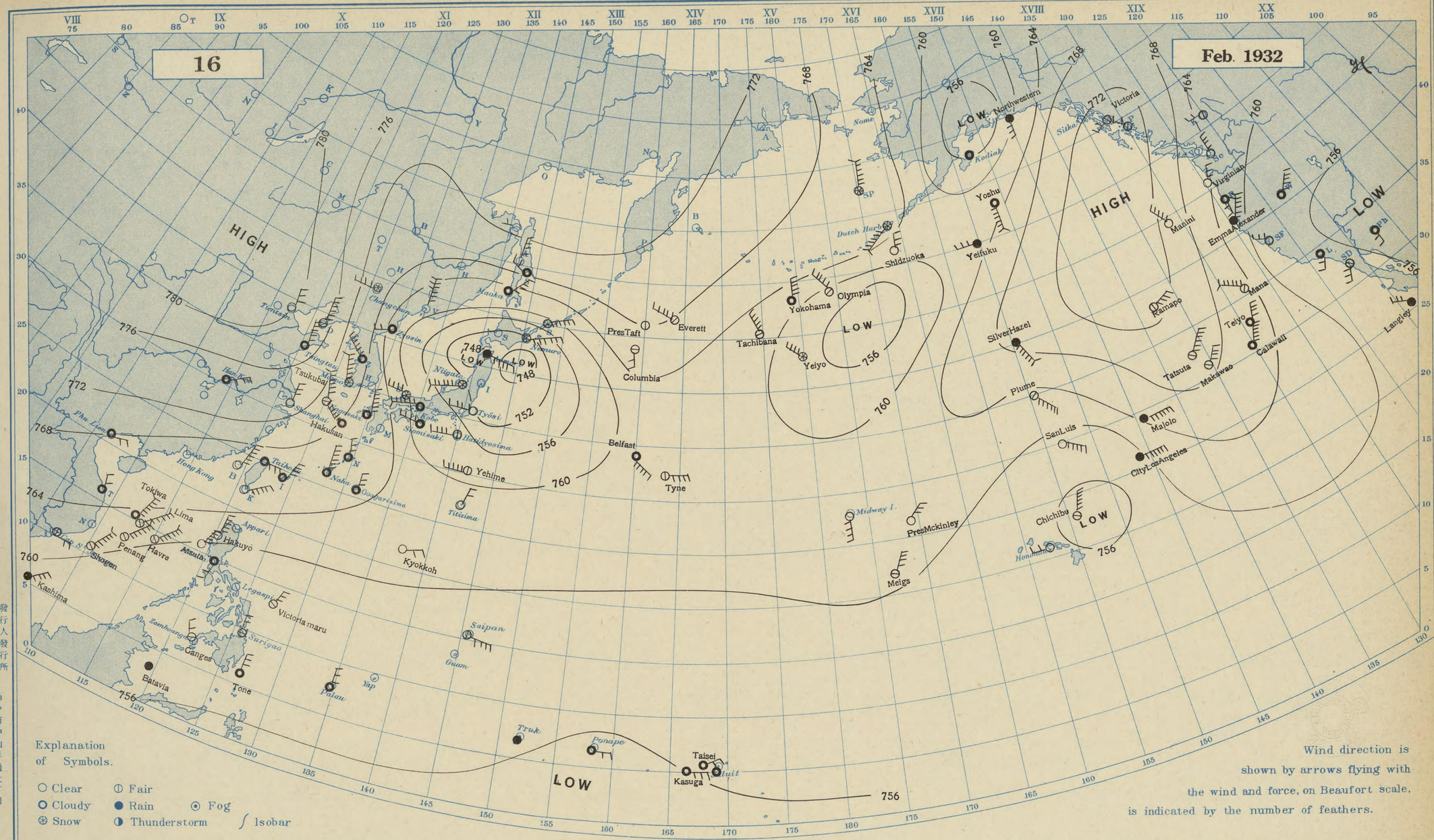
發行人 發行所
印刷人 印刷所
神戸市中山手通七丁目
海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3334



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.	769.8	766.9	767.1	758.4	758.3	751.3	756.5	760.2	753.4	748.5	751.2	762.3	770.2	760.9	773.6	780.3	776.7
Air Temperature (in C)	13.2	16.1	3.4	10.7	5.7	13.9	12.7	21.8	7.3	4.3	- 0.4	-10.2	- 1.1	- 6.3	-16.6	- 5.1	- 4.8
Direction and Force of Winds (0-12)	E 3	N 6	NNW 6	WNW 4	WSW 7	W 4	W 4	NNE 2	WSW 7	ESE 5	ENE 6	NE 4	NNW 7	WSW 2	W 4	NNW 3	N 5
Weather	cloudy	cloudy	cloudy	cloudy	cloudy	clear	fair	clear	snow	rain	snow	cloudy	snow	cloudy	snow	clear	cloudy

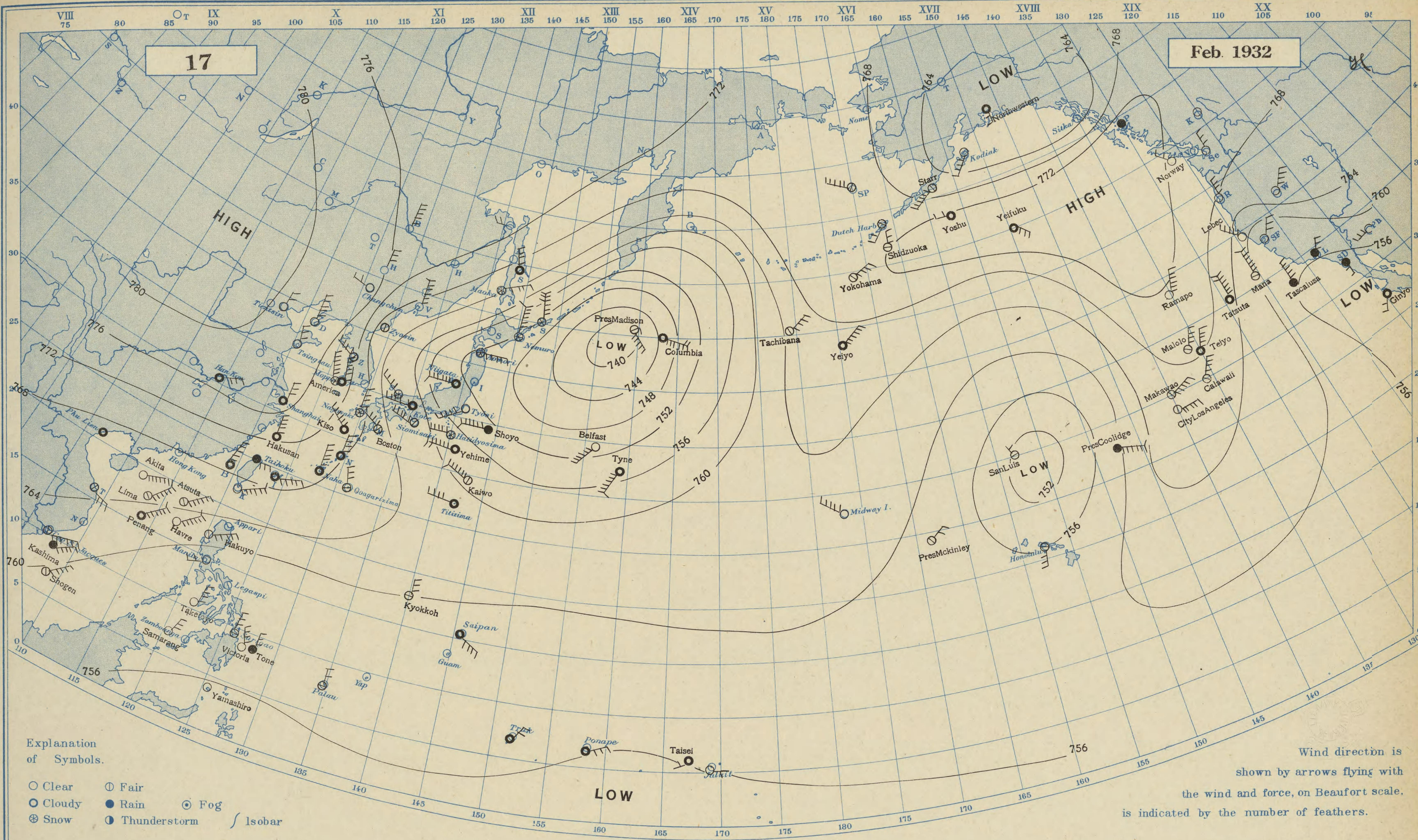
Station / Hour of Observation	Shanghai 12h, 135 E	Hankow 12h, 135 E	Saipan 12h, 135 E	Palau 12h, 135 E	Truk 7h,	Ponape 12h, 135 E	Jaluit 8h,	Hongkong 10h,	Manila 13h	Phu-Lien 10h,	Surigao 13h,	Yap 14h,	Honolulu Midnight G.M.T.	Midway I. Midnight G.M.T.	Nome 14h, 165W	Dutch Harbor Midnight G.M.T.	Kodiak Midnight G.M.T.
Atm. Pressure (Red. to m.s.l. and Strd Gr.) * not reduced to Strd Gr.	775.0	774.2	757.8	757.8	757.2	754.7	758.7	-	* 758.6	* 768.0	* 757.4	* -	757.4	761.0	-	765.0	755.9
Air Temperature (in C)	5.9	9.6	27.0	28.3	23.9	29.4	26.5	-	29.	14.	28.	-	21.	-	-	1.	3.
Direction and Force of Winds (0-12)	N 3	NE 3	ESE 4	N 3	calm	E 2	calm	-	SSW 2	ENE 2	N 2	-	W 2	S 4	-	SW 7	calm
Weather	clear	cloudy	fair	cloudy	rain	cloudy	cloudy	-	cloudy	cloudy	fair	-	clear	clear	-	snow	cloudy

發行人 印刷人 發行所 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



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.)	770.6	768.7	768.9	761.0	761.2	753.2	757.1	760.7	753.7	750.8	752.3	764.0	772.1	766.8	777.0	779.2	777.7
Air Temperature (in C)	10.6	12.6	- 0.3	2.7	3.1	6.9	6.4	17.9	3.9	1.2	- 5.8	-13.5	- 2.7	- 4.7	-16.1	- 3.8	- 5.0
Direction and Force of Winds (0-12)	E 3	N 5	N 4	NW 5	W 5	SW 5	W 5	WNW 4	W 8	E 5	N 7	ENE 4	NNW 6	- 1	WNW 2	N 2	NNW 3
Weather	rain	cloudy	snow	fair	cloudy	clear	snow	cloudy	cloudy	snow	snow	snow	cloudy	fair	clear	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 13h,	Phu-Lien 10h,	Surigao 13h,	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.)	776.9	777.4	757.7	757.8	757.5	755.5	757.9	-	*759.2	*767.2	*758.1	* -	755.9	763.0	-	770.1	763.5
Air Temperature (in C)	1.2	5.1	26.7	27.5	25.6	28.3	29.6	-	28.	14.	28.	-	22.	-	-	- 1.	4.
Direction and Force of Winds (0-12)	N 3	NE 3	SE 4	N 2	NE 2	ENE 3	E 1	-	WSW 2	calm	N 3	-	S 3	NW 5	-	SW 2	SW 4
Weather	cloudy	cloudy	cloudy	fair	cloudy	cloudy	clear	-	clear	cloudy	fair	-	fair	clear	-	fair	clear

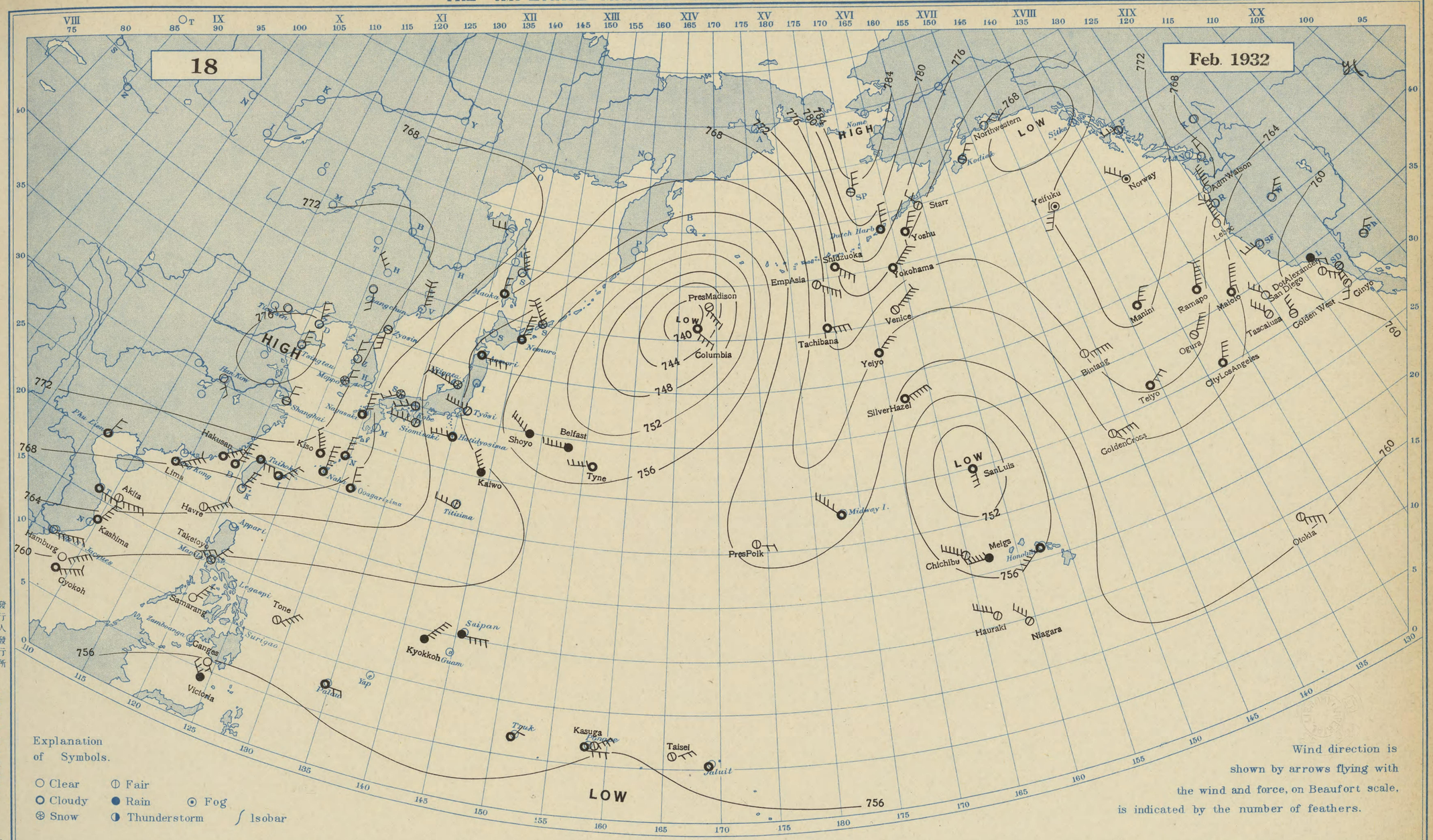
發行人 印刷人 神戸市中山手通七丁目 海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3336



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.)	771.2	769.2	769.9	764.7	765.9	758.9	762.6	763.3	761.1	758.1	758.8	764.3	772.0	770.4	773.9	775.1	776.1
Air Temperature (in C)	10.7	12.6	1.9	6.3	4.1	7.5	7.0	16.6	3.7	1.6	- 6.6	-10.6	- 2.1	- 5.2	-11.1	- 2.0	4.0
Direction and Force of Winds (0-12)	E 3	N 5	N 4	WNW 4	WSW 3	WNW 6	W 4	WNW. 3	WNW 7	E 4	NNE 5	N 2	N 2	S 3	SSE 2	SW 2	N 3
Weather	cloudy	cloudy	cloudy	fair	fair	fair	cloudy	fair	snow	cloudy	cloudy	cloudy	snow	fair	clear	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 13h	Phu-Lien 10h,	Surigao 13h,	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.)	775.7	775.8	758.6	758.2	757.8	755.8	759.2	-	* 759.9	* 769.5	* 757.8	* -	755.9	761.5	-	777.7	770.6
Air Temperature (in C)	2.0	6.8	24.0	29.7	26.4	30.0	26.8	-	29.	11.	28.	-	23.	-	-	- 2.	- 3.
Direction and Force of Winds (0-12)	N 2	SE 2	E 4	E 2	NE 1	E 3	calm	-	NE 3	NNE 2	calm	-	SW 5	NW 5	-	N 4	NE 2
Weather	fair	clear	rain	cloudy	cloudy	cloudy	cloudy	-	fair	cloudy	fair	-	cloudy	cloudy	-	cloudy	fair

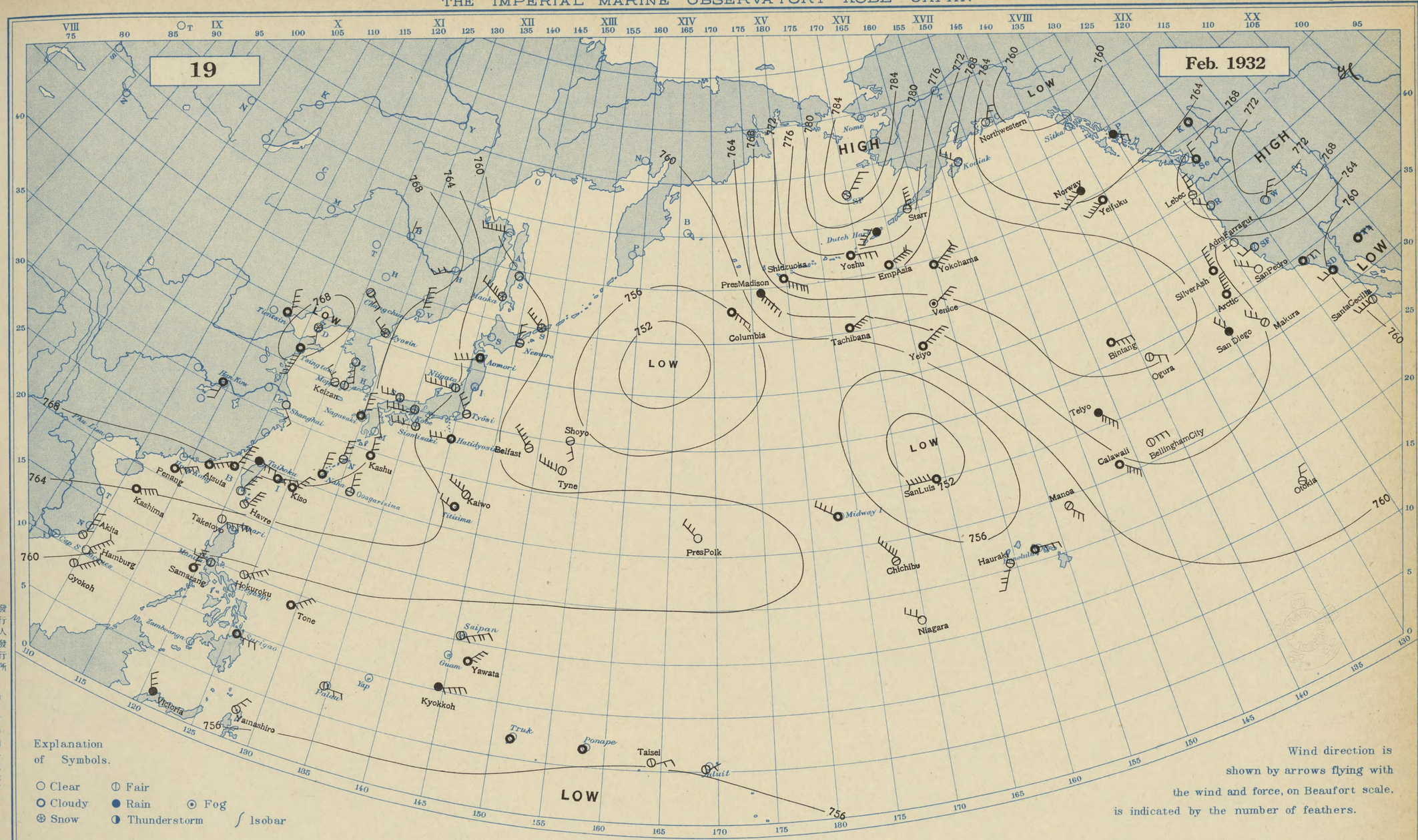
發行人 印刷人 販賣所 神戸市中山手通七丁目 海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3337



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.)	769.0	768.5	769.1	764.0	765.0	762.6	763.0	763.8	764.1	761.5	761.9	762.6	770.7	768.3	768.5	768.8	767.0
Air Temperature (in C)	11.4	13.6	3.5	7.8	5.2	5.3	9.3	17.9	4.3	- 0.1	- 5.4	- 9.0	- 0.4	- 6.8	-10.9	- 1.6	1.0
Direction and Force of Winds (0-12)	ESE 3	N 3	N 4	W 3	W 4	NNW 3	W 3	NW 2	W 5	WSW 3	N 2	NW 5	- 1	NW 2	SE 2	NNW 4	SSW 6
Weather	rain	cloudy	cloudy	fair	fair	fair	cloudy	cloudy	fair	cloudy	fair	snow	fair	snow	fair	cloudy	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 13h	Phu-Lien 10h,	Surigao 13h,	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.)	771.4	771.4	758.8	757.8	758.2	756.8	758.2	-	* 759.9	* -	* 757.7	* -	757.9	758.9	-	778.8	767.6
Air Temperature (in C)	4.8	10.4	25.8	29.8	25.9	25.0	28.8	-	28.	-	28.	-	22.	-	-	- 3.	- 8.
Direction and Force of Winds (0-12)	SE 2	S 2	ENE 5	E 2	calm	calm	ENE 1	-	W 2	-	E 3	-	E 3	NW 4	-	SW 4	NW 4
Weather	clear	cloudy	fair	fair	cloudy	cloudy	fair	-	fair	-	cloudy	-	cloudy	cloudy	-	rain	clear

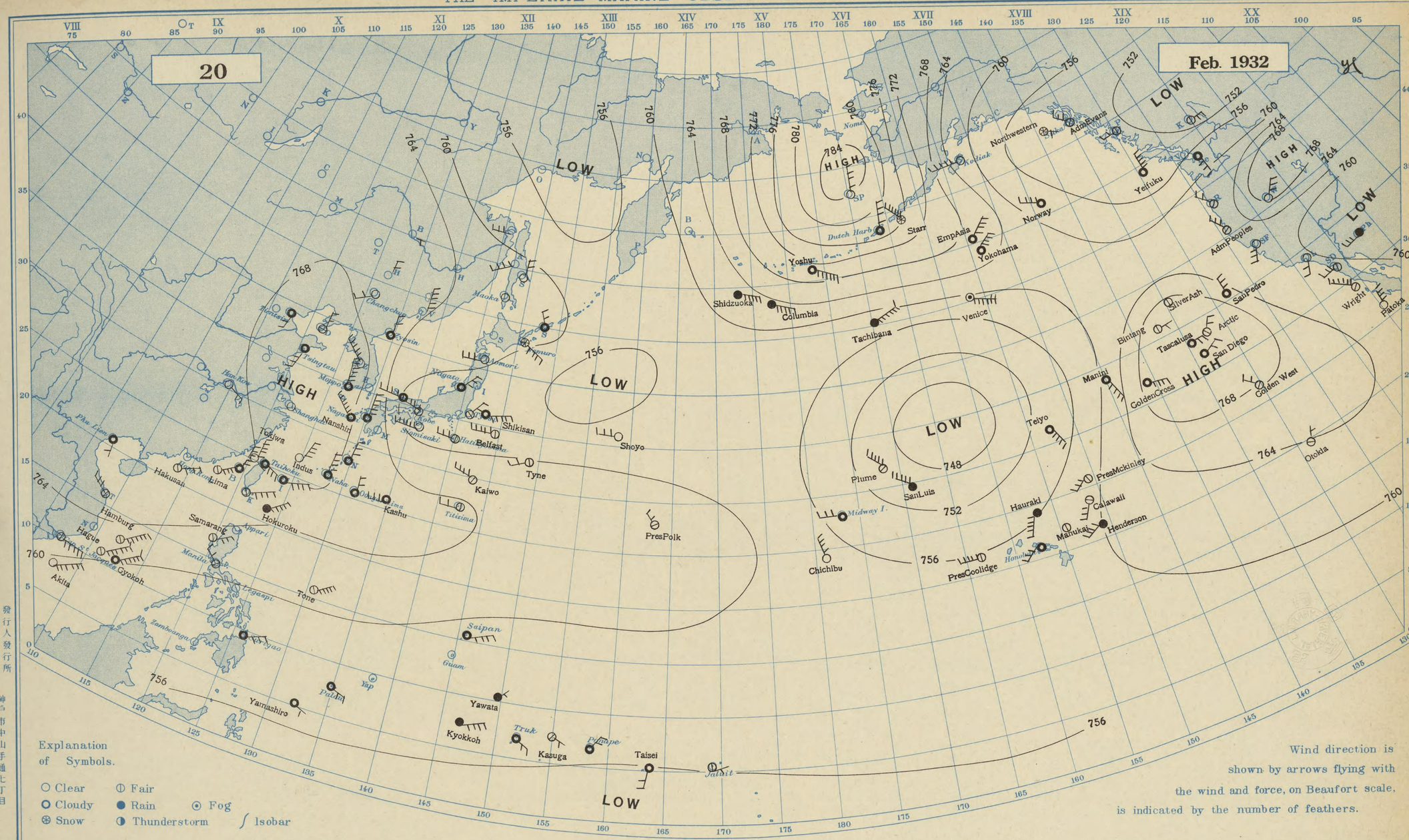
發行人 發行所
印刷人 販賣所
神戸市中山手通七丁目
海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3338



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, 135 E
Atm. Pressure (Red. to m.s.l. and Strd. Gr.) (* not reduced to Strd. Gr.)	768.3	768.1	766.8	757.8	758.8	759.2	759.8	763.6	759.1	760.7	759.9	760.4	768.7	764.1	766.9	768.6	770.3
Air Temperature (in C)	15.2	15.7	0.2	9.8	5.3	7.2	11.9	19.0	3.4	- 0.4	- 3.0	- 3.8	1.7	- 6.2	-12.0	0.2	1.2
Direction and Force of Winds (0-12)	ESE 3	N 4	N 5	W 6	WNW 5	NE 2	W 3	W 2	NE 3	W 3	SE 4	- 1	NNW 6	N 2	SW 2	SSW 2	SSW 3
Weather	cloudy	cloudy	cloudy	clear	fair	fair	fair	fair	cloudy	clear	snow	clear	cloudy	cloudy	clear	cloudy	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 13h	Phu-Lien 10h,	Surigao 13h,	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.)	770.7	767.6	758.5	757.5	758.1	756.6	758.2	-	* 760.0	* 766.8	* 758.9	* -	756.4	755.4	-	778.2	760.5
Air Temperature (in C)	7.2	11.6	26.1	29.1	26.2	27.0	28.4	-	29.	15.	27.	-	20.	-	-	- 4.	- 6.
Direction and Force of Winds (0-12)	- 1	ESE 2	ENE 4	ESE 2	SE 2	NE 2	ENE 1	-	NW 2	SSE 1	ENE 3	-	SW 3	W 3	-	N 4	W 5
Weather	clear	clear	cloudy	cloudy	cloudy	cloudy	fair	-	fair	cloudy	cloudy	-	cloudy	cloudy	-	cloudy	clear

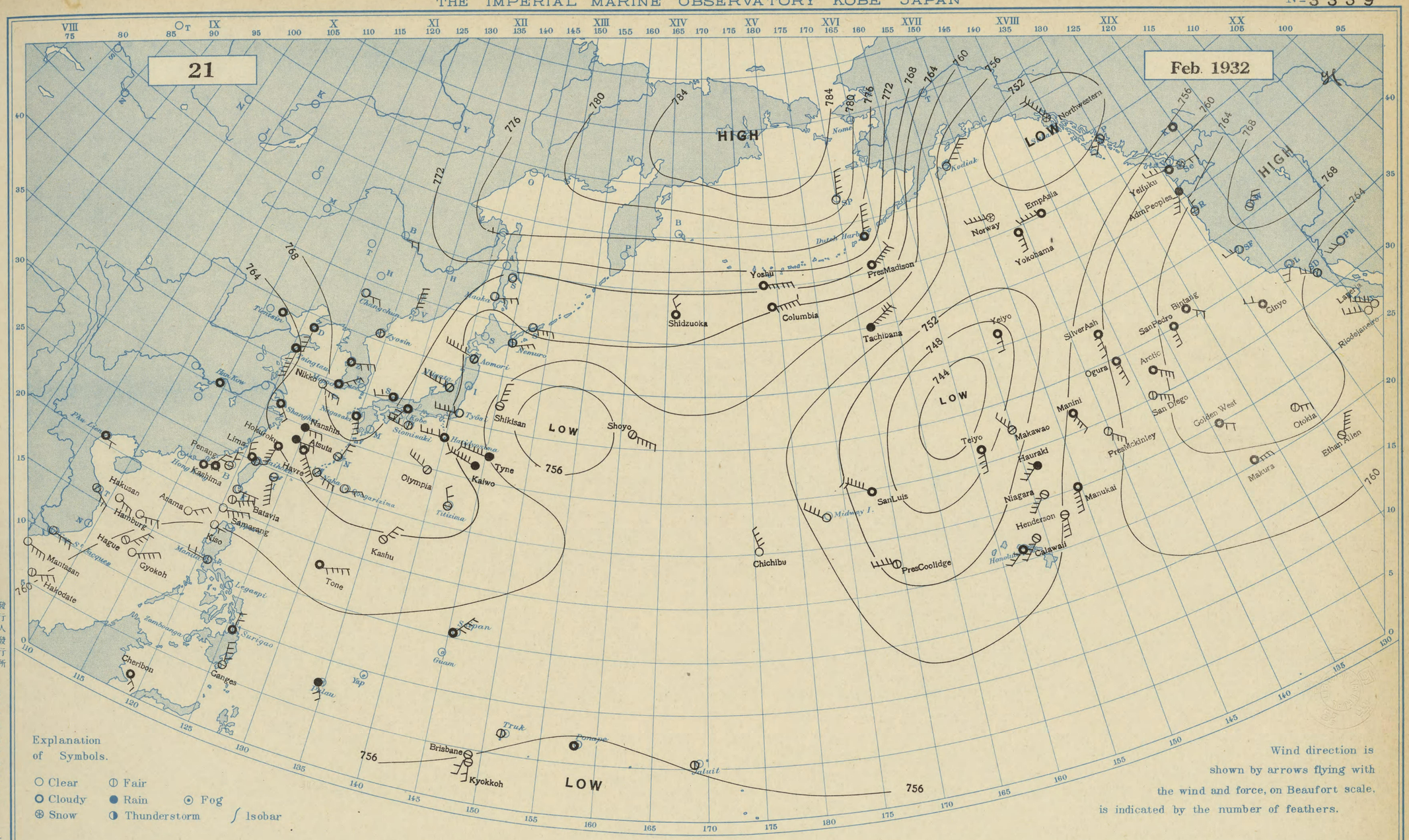
印刷人 發行人 神戸市中山手通七丁目 海洋氣象臺 發行所

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3339



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.)	763.0	765.1	768.8	765.9	767.3	762.6	764.0	764.5	767.1	762.7	760.9	763.9	768.6	769.7	769.0	762.8	763.8
Air Temperature (in C)	21.0	19.0	8.2	9.5	6.2	7.1	9.0	18.6	2.2	- 1.5	- 0.7	- 3.0	4.3	- 2.9	- 8.0	- 0.6	5.3
Direction and Force of Winds (0-12)	- 1	ESE 3	SSE 3	WNW 3	SW 3	W 5	W 4	NNW 2	WNW 5	WNW 6	ENE 3	ENE 3	NE 3	- 1	E 2	- 1	S 5
Weather	fair	fair	cloudy	fair	cloudy	clear	cloudy	fair	fair	fair	fair	clear	cloudy	fair	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 13h	Phu-Lien 10h,	Surigao 13h,	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.)	764.7	763.6	758.8	757.9	758.0	755.4	758.3	-	* 758.7	* 762.7	* 758.6	* -	753.9	755.4	-	773.7	754.4
Air Temperature (in C)	8.1	13.3	25.4	24.1	24.9	27.5	27.4	-	29.	16.	31.	-	22.	-	-	8.	-10.
Direction and Force of Winds (0-12)	SE 2	- 1	NE 4	SSE 2	calm	- 1	calm	-	W 2	E 1	N 2	-	SW 3	NW 4	-	N 5	NE 5
Weather	cloudy	cloudy	cloudy	rain	fair	cloudy	fair	-	fair	cloudy	cloudy	-	cloudy	clear	-	cloudy	clear

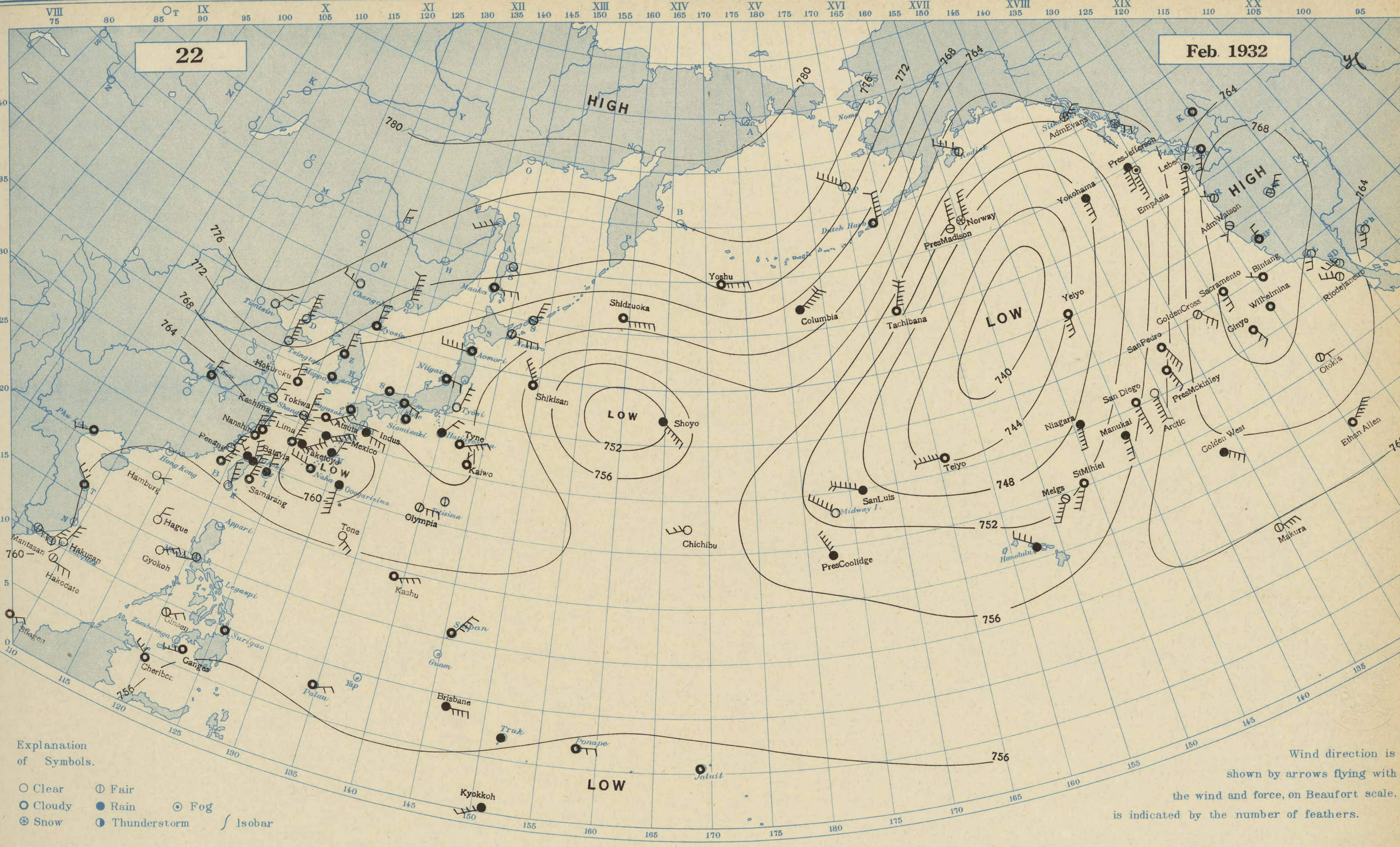
印刷人 發行人 發行所
神戸市中山手通七丁目
海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 3340



Station	Taihoku	Naha	Nagasaki	Siomisaki	Kôbe	Tyôsi	Hatidyôsima	Titizima	Niigata	Aomori	Nemuro	Maoka	Moppo	Zyôsin	Changchun	Tientsin	Tsingtau
Hour of Observation	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E	12h, 135E
Atm. Pressure (Red. to m.s.l. and Strd. Gr.) (* not reduced to Strd. Gr.)	763.3	758.4	764.8	765.7	766.3	766.8	764.8	763.7	767.1	767.8	765.2	769.1	766.0	769.7	774.4	775.2	770.9
Air Temperature (in C)	14.6	19.9	8.9	10.1	8.0	6.5	10.7	18.3	4.0	- 1.6	0.0	- 6.8	8.8	- 6.2	- 9.5	- 0.1	0.2
Direction and Force of Winds (0-12)	NW 2	WNW 4	calm	- 1	SE 2	NNE 3	NE 2	- 1	ESE 2	W 5	ESE 4	E 3	- 1	N 3	WNW 2	NE 2	N 6
Weather	rain	cloudy	cloudy	cloudy	cloudy	clear	rain	fair	cloudy	cloudy	fair	cloudy	cloudy	cloudy	clear	clear	clear

Station	Shanghai	Hankow	Saipan	Palau	Truk	Ponape	Jaluit	Hongkong	Manila	Phu-Lien	Surigao	Yap	Honolulu	Midway I.	Nome	Dutch Harbor	Kodiak
Hour of Observation	12h, 135E	12h, 135E	12h, 135E	12h, 135E	7h,	12h, 135E	8h,	10h,	13h	10h,	13h,	14h,	Midnight G.M.T.	Midnight G.M.T.	14h, 165W	Midnight G.M.T.	Midnight G.M.T.
Atm. Pressure (Red. to m.s.l. and Strd. Gr.) (* not reduced to Strd. Gr.)	766.8	762.2	757.2	757.8	756.5	753.9	756.7	-	* 758.1	* 761.5	* 757.7	* -	753.9	751.3	-	766.6	756.4
Air Temperature (in C)	12.0	13.8	26.1	28.9	24.9	28.5	27.8	-	29.	17.	25.	-	21.	-	-	- 6.	-11.
Direction and Force of Winds (0-12)	NNE 2	NNE 2	NE 4	ENE 2	calm	E 2	calm	-	WSW 2	WSW 2	calm	-	NW 4	NW 6	-	N 7	NW 4
Weather	fair	cloudy	cloudy	cloudy	rain	cloudy	cloudy	-	fair	cloudy	cloudy	-	rain	clear	-	cloudy	fair

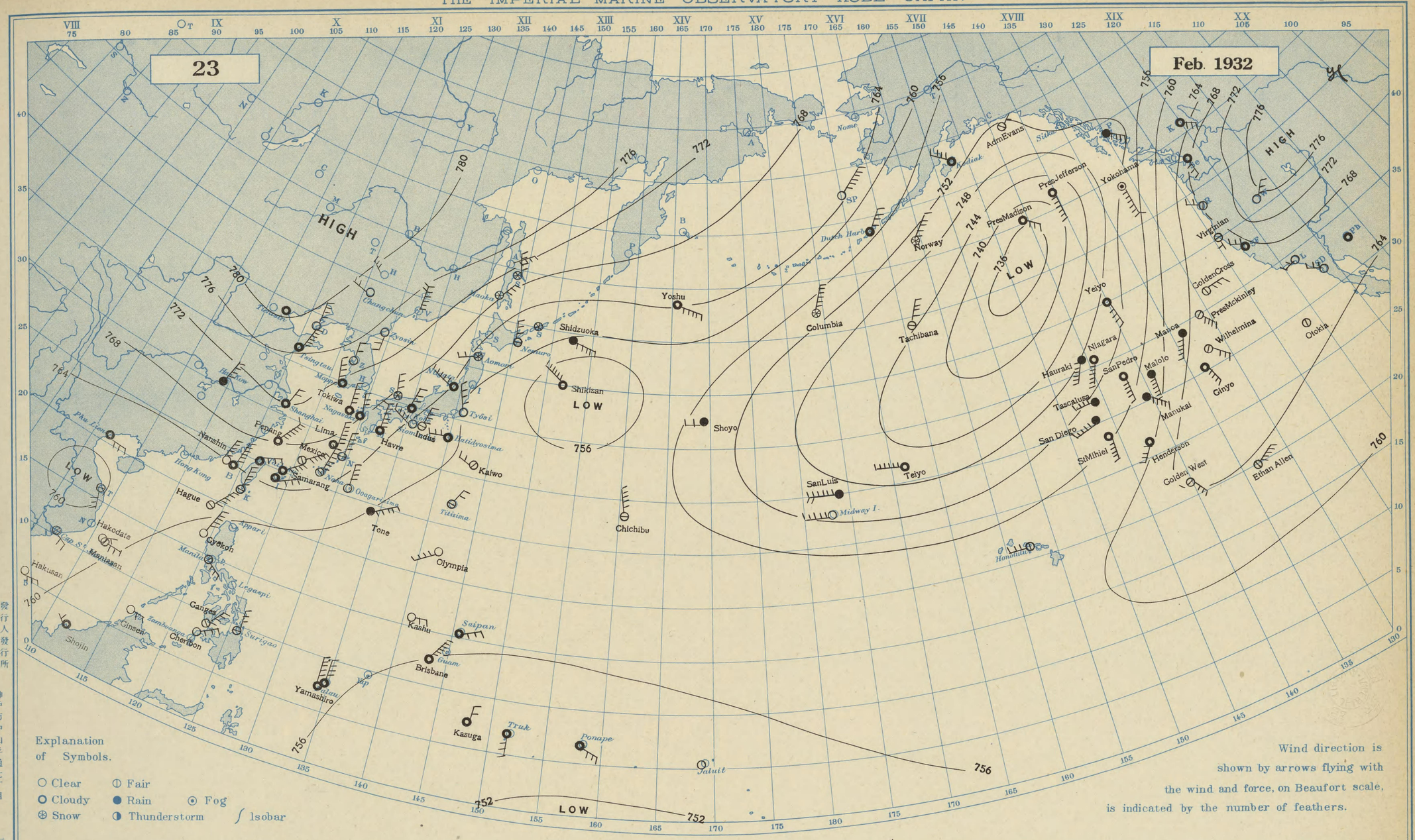
發行人 發行所 印刷人 販賣所 神戸市中山手通七丁目 海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3341



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, 135 E
Atm. Pressure (Red. to m.s.l. and Strd. Gr.) * not reduced to Strd. Gr.	766.0	764.6	768.0	763.3	766.1	758.8	760.9	758.7	764.1	761.0	761.6	767.4	771.7	774.0	779.0	780.4	776.4
Air Temperature (in C)	18.5	18.0	9.6	9.9	7.4	9.4	11.6	17.0	2.7	- 0.2	- 0.1	- 5.6	4.2	- 2.4	- 8.9	- 1.9	- 2.0
Direction and Force of Winds (0-12)	ENE 3	NNE 7	NNW 3	NW 4	NNE 3	NNW 4	W 3	NE 2	NW 5	WSW 2	N 3	NE 3	NNW 4	S 2	WNW 2	- 1	NNE 6
Weather	cloudy	fair	cloudy	clear	cloudy	clear	cloudy	fair	cloudy	snow	fair	snow	cloudy	clear	clear	cloudy	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 13h	Phu-Lien 10h,	Surigao 13h,	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.	772.5	770.4	756.4	756.4	755.6	754.2	757.1	-	* 757.8	* 760.6	* 756.8	* -	758.4	751.3	-	757.4	752.3
Air Temperature (in C)	6.3	2.2	26.7	27.7	24.8	28.3	29.0	-	31.	20.	28.	-	23.	-	-	- 7.	- 7.
Direction and Force of Winds (0-12)	NNE 2	NNE 4	ENE 3	N 4	S 3	SE 3	calm	-	SE 3	E 3	N 3	-	W 3	W 5	-	NE 4	NW 4
Weather	cloudy	rain	cloudy	cloudy	cloudy	cloudy	clear	-	fair	cloudy	fair	-	fair	clear	-	cloudy	cloudy

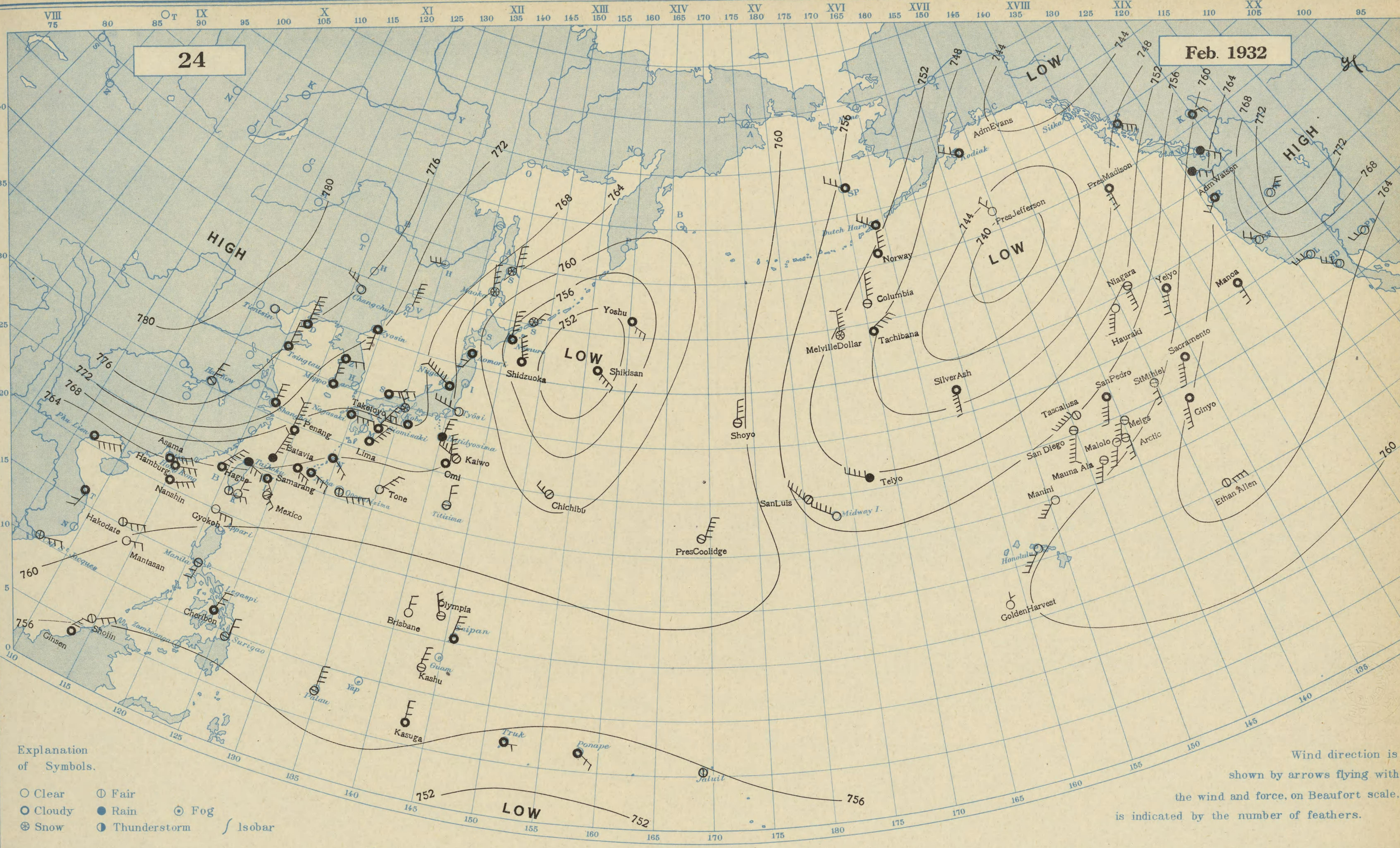
印刷人 發行人 發行所
神戸市中山手通七丁目
海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3342



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.)	765.1	762.7	767.3	768.7	769.2	763.5	765.1	763.0	765.6	761.7	755.1	760.4	769.1	772.3	775.9	777.3	775.1
Air Temperature (in C)	15.4	19.4	5.5	6.7	4.8	7.1	6.6	17.3	4.0	1.4	- 1.4	- 1.7	3.9	- 1.4	-11.2	0.8	- 2.6
Direction and Force of Winds (0-12)	ESE 3	ESE 3	E 4	W 3	NW 2	WNW 5	NNE 3	N 2	NW 7	SW 2	N 5	NNW 4	N 3	S 3	NW 3	- 1	N 5
Weather	rain	cloudy	cloudy	cloudy	snow	clear	rain	fair	cloudy	cloudy	cloudy	snow	cloudy	cloudy	clear	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 13h	Phu-Lien 10h,	Surigao 13h,	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.)	772.1	778.0	756.2	757.2	754.2	753.8	757.9	-	* 757.8	* 762.2	* 756.9	* -	760.0	755.4	-	752.8	745.2
Air Temperature (in C)	4.1	1.5	26.9	28.3	24.6	29.3	28.4	-	30.	21.	28.	-	23.	-	-	- 6.	- 7.
Direction and Force of Winds (0-12)	N 3	NNE 3	NNE 3	N 4	E 1	SE 2	calm	-	SSW 2	ENE 6	N 2	-	SW 4	NW 5	-	NW 3	NW 3
Weather	cloudy	fair	cloudy	fair	cloudy	cloudy	fair	-	fair	cloudy	fair	-	clear	clear	-	cloudy	cloudy

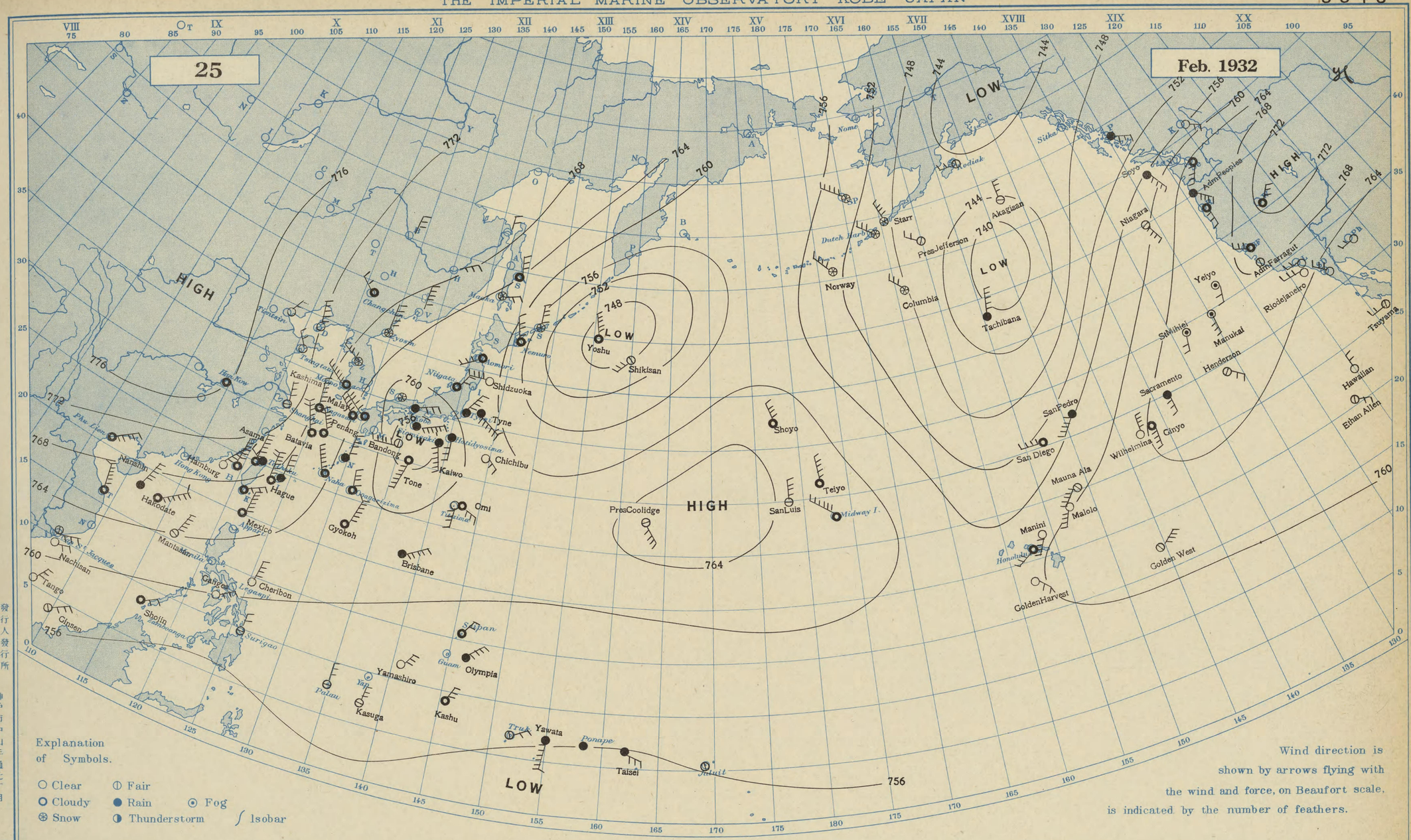
發行人 發行所 印刷人 販賣所
神戸市中山手通七丁目
海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3343



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, 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.	770.5	764.3	762.0	755.0	756.3	761.3	758.2	760.7	762.2	763.4	756.3	761.6	766.0	766.0	770.2	772.7	772.4
Air Temperature (in C)	8.0	13.0	3.6	5.5	0.9	5.2	11.0	20.1	5.3	- 0.3	1.3	- 0.5	- 1.9	- 4.3	- 9.3	- 0.8	- 3.2
Direction and Force of Winds (0-12)	NW 2	NNW 6	NW 5	ENE 6	ENE 3	NE 4	S 3	S 4	NE 3	SW 3	NNW 4	ENE 2	NW 6	N 5	NW 2	NNE 2	NW 2
Weather	rain	cloudy	cloudy	rain	rain	rain	rain	clear	cloudy	cloudy	cloudy	snow	cloudy	snow	cloudy	clear	clear

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 13h	Phu-Lien 10h,	Surigao 13h,	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.	773.0	776.1	757.0	758.2	756.3	755.4	758.0	-	* -	* 769.6	* 758.1	* -	759.5	761.0	-	748.3	744.7
Air Temperature (in C)	3.0	5.4	26.7	28.1	25.1	26.5	28.8	-	-	12.	28.	-	23.	-	-	- 4.	- 7.
Direction and Force of Winds (0-12)	NNW 3	- 1	NE 2	N 3	ENE 2	- 1	calm	-	-	NE 5	N 2	-	SW 3	NW 6	-	NW 3	W 2
Weather	fair	cloudy	cloudy	fair	fair	rain	fair	-	-	cloudy	fair	-	cloudy	cloudy	-	snow	fair

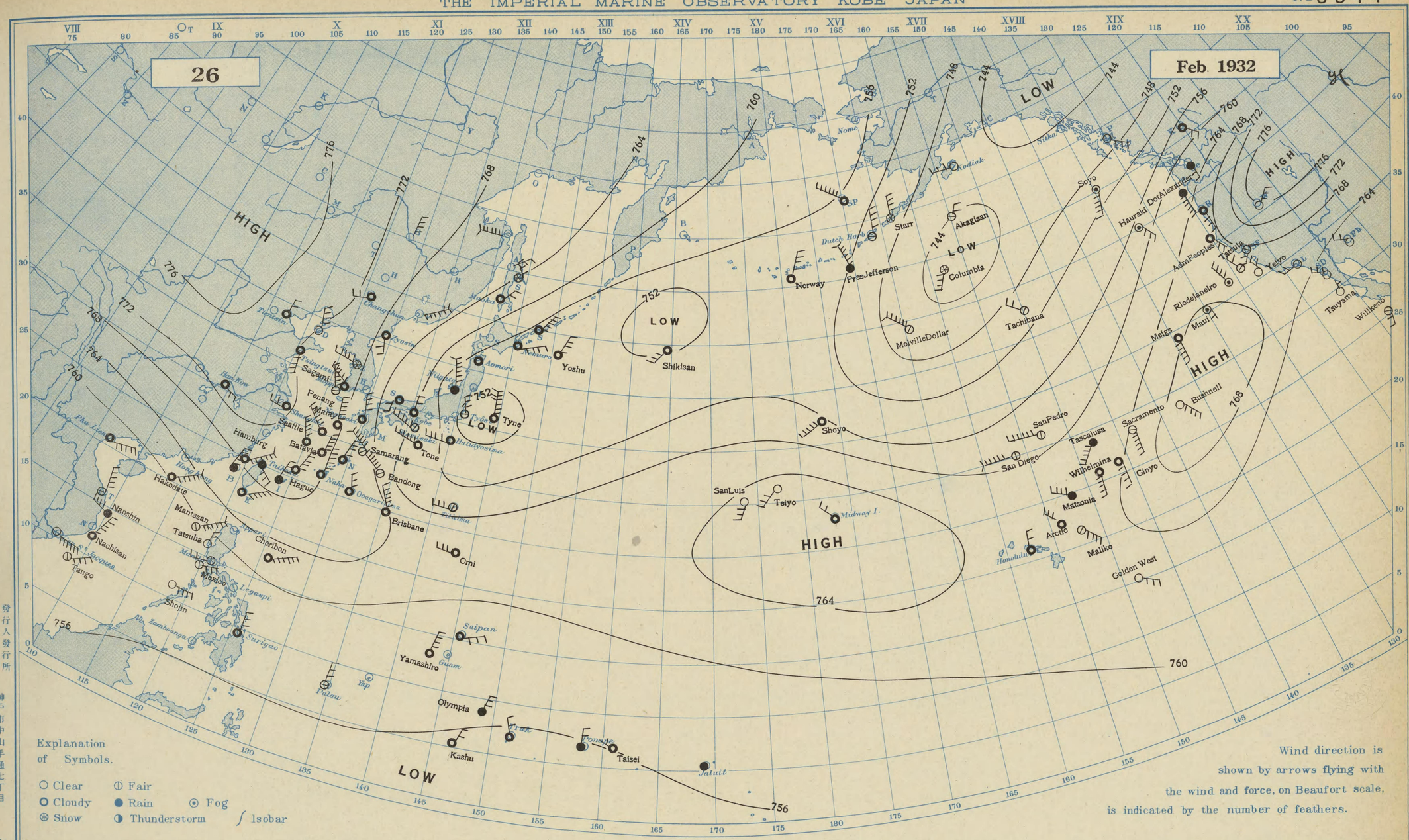
印刷人 販賣所 神戸市中山手通七丁目 海洋氣象臺 発行人 発行所

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3344



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.)	770.0	767.9	767.3	758.7	760.7	751.4	754.4	759.7	754.6	753.6	752.8	761.1	769.9	766.2	769.0	774.0	771.9
Air Temperature (in C)	9.2	11.4	3.0	7.0	6.0	7.0	10.0	18.1	5.7	1.9	- 0.3	- 3.4	0.4	- 1.5	- 7.7	- 2.4	- 1.4
Direction and Force of Winds (0-12)	SE 3	N 5	NNW 4	NW 5	N 2	NNW 3	W 4	W 3	NNW 7	- 1	ENE 4	NE 2	NW 5	SSE 2	WSW 2	N 2	SSE 4
Weather	rain	cloudy	cloudy	fair	cloudy	fair	cloudy	fair	rain	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy

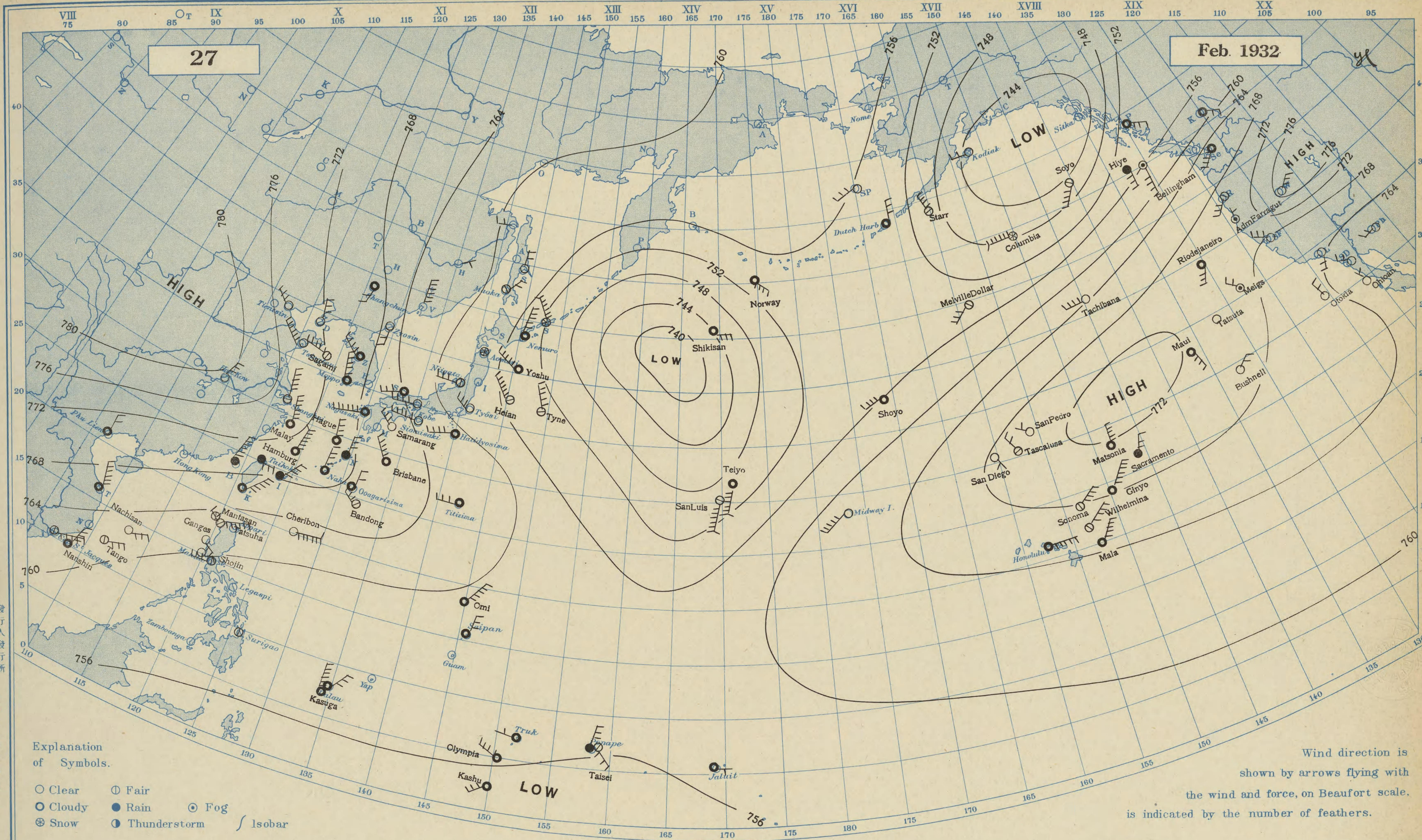
Station / Hour of Observation	Shanghai 12h, 135E	Hankow 12h, 135E	Saipan 12h, 135E	Palau 12h, 135E	Truk 7h,	Ponape 12h, 135E	Jaluit 8h,	Hongkong 10h,	Manila 13h	Phu-Lien 10h,	Surigao 13h,	Yap 14h,	Honolulu Midnight G.M.T.	Midway I. Midnight G.M.T.	Nome 14h, 165W	Dutch Harbor Midnight G.M.T.	Kodiak Midnight G.M.T.
Atm. Pressure (Red. to m.s.l. and Strd Gr.; * not reduced to Strd Gr.)	772.5	773.7	757.7	757.6	755.7	756.0	758.8	-	* 759.6	* 758.0	* 758.1	* -	762.5	766.6	-	749.3	744.7
Air Temperature (in C)	5.9	5.7	27.4	28.8	24.9	26.7	25.4	-	27.	10.	26.	-	21.	-	-	- 7.	- 4.
Direction and Force of Winds (0-12)	W 2	ESE 2	ENE 3	N 3	NNW 2	N 2	calm	-	WSW 2	ENE 5	N 3	-	N 2	NW 2	-	N 4	W 3
Weather	cloudy	cloudy	cloudy	fair	cloudy	rain	rain	-	fair	cloudy	cloudy	-	cloudy	cloudy	-	fair	clear

發行人 印刷人 發行所 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



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.)	770.7	768.5	765.4	763.8	764.0	757.4	760.2	763.0	758.3	754.5	753.5	758.2	769.8	765.1	768.1	773.8	774.1
Air Temperature (in C)	9.6	12.6	4.1	6.8	6.2	8.5	8.8	17.1	7.0	2.6	- 2.2	- 5.7	- 1.3	- 1.7	- 6.6	- 1.3	- 4.2
Direction and Force of Winds (0-12)	E 3	N 4	WSW 6	WNW 5	W 4	NW 3	WSW 4	W 3	W 3	calm	NNE 5	NE 2	NNW 5	S 2	SSW 2	NW 3	NW 6
Weather	rain	cloudy	cloudy	clear	clear	clear	cloudy	cloudy	fair	snow	cloudy	fair	cloudy	clear	cloudy	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 13h	Phu-Lien 10h,	Surigao 13h,	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.)	775.4	779.5	758.5	759.0	747.5	756.9	759.3	-	*759.7	*770.1	*758.3	* -	764.5	762.0	-	754.9	743.2
Air Temperature (in C)	2.7	3.8	25.9	28.7	25.1	25.6	27.0	-	29.	10.	28.	-	20.	-	-	- 8.	- 2.
Direction and Force of Winds (0-12)	NNW 5	NNE 3	NNE 3	NE 3	WNW 1	NNE 3	E 1	-	W 3	N 2	calm	-	E 5	SW 5	-	N 3	W 2
Weather	fair	clear	cloudy	cloudy	cloudy	rain	cloudy	-	fair	cloudy	fair	-	cloudy	clear	-	cloudy	clear

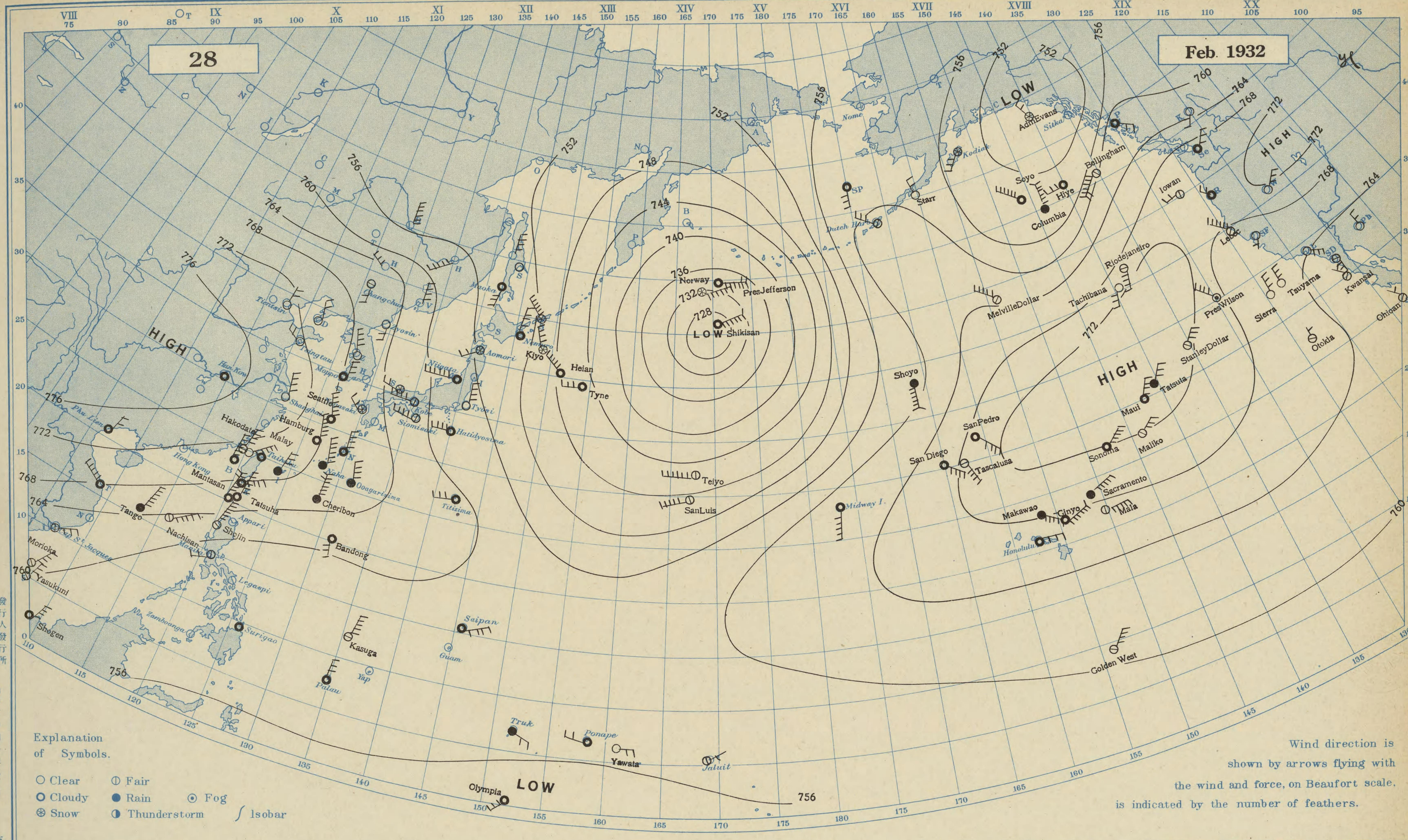
發行人發行所 印刷人販賣所 神戸市中山手通七丁目 海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3346



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.)	771.7	767.7	766.4	761.5	761.6	757.4	759.2	760.9	758.0	755.3	753.1	755.2	767.7	764.6	766.9	772.7	772.1
Air Temperature (in C)	9.3	10.7	2.3	6.0	4.7	6.5	8.3	18.5	3.7	0.8	- 3.3	- 5.1	0.1	- 1.1	- 3.5	1.3	- 1.4
Direction and Force of Winds (0-12)	- 1	NNW 6	NW 2	WNW 4	W 4	N 4	W 4	WSW 3	W 6	SW 2	NNE 4	SSW 3	N 3	S 2	S 2	N 2	NW 2
Weather	cloudy	rain	snow	fair	fair	clear	cloudy	cloudy	cloudy	snow	cloudy	cloudy	cloudy	clear	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 13h	Phu-Lien 10h,	Surigao 13h,	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.)	773.4	777.0	758.0	758.3	757.5	756.3	758.6	-	* 759.0	* 772.4	* 758.3	* -	765.5	761.0	-	760.5	754.9
Air Temperature (in C)	3.7	5.8	26.9	28.1	24.8	28.9	28.2	-	30.	11.	25.	-	19.	-	-	- 3.	- 4.
Direction and Force of Winds (0-12)	NNW 4	- 1	ENE 4	N 3	SE 2	WNW 2	ENE 1	-	WSW 2	NNE 2	calm	-	E 3	S 5	-	NW 3	SW 3
Weather	clear	cloudy	cloudy	cloudy	rain	cloudy	fair	-	fair	cloudy	cloudy	-	cloudy	cloudy	-	fair	snow

神戸市中山手通七丁目

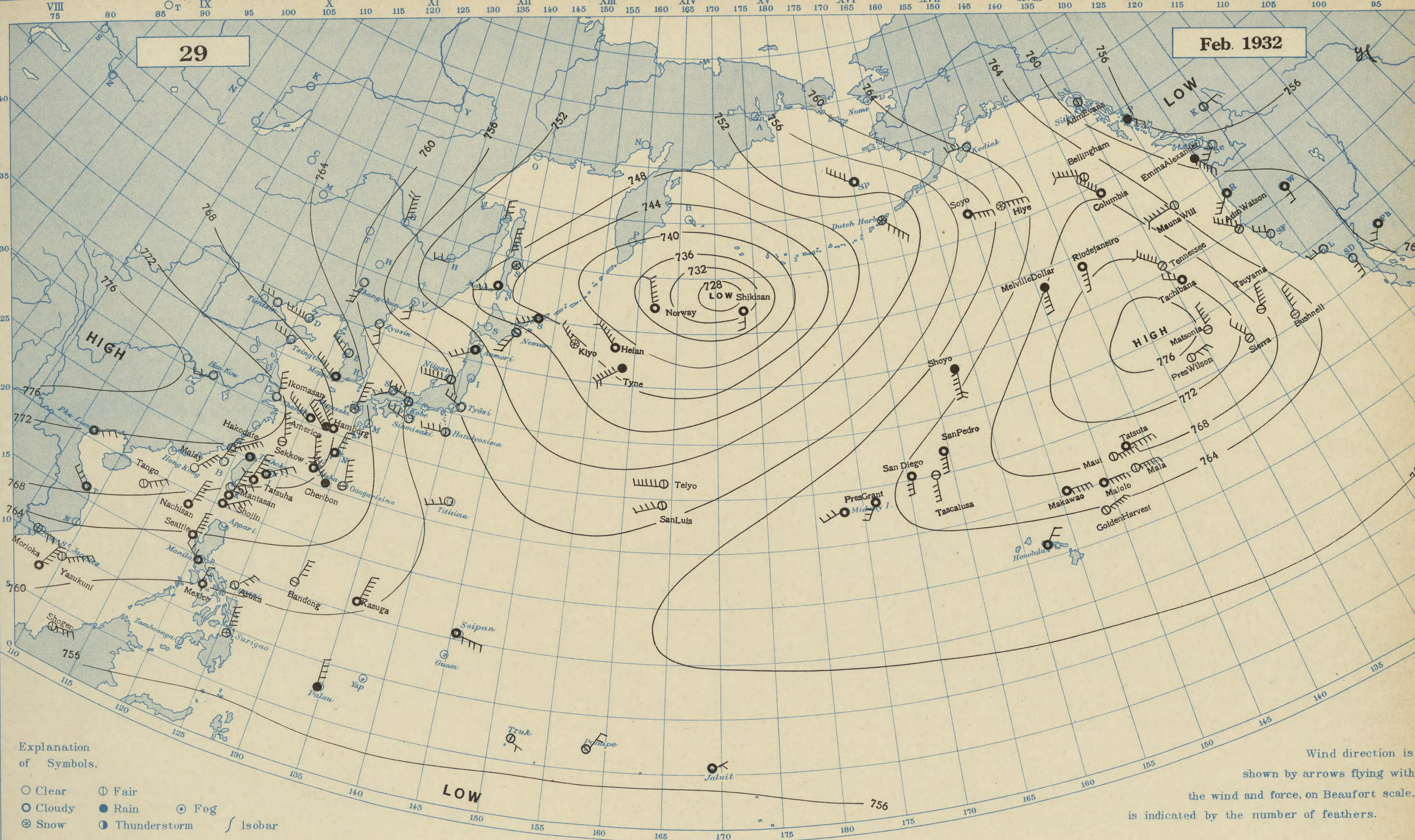
海洋氣象臺

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3347



Explanation of Symbols.

○ Clear　⦶ Fair
O Cloudy　● Rain　⊙ Fog
⊗ Snow　◑ Thunderstorm　∫ Isobar

Wind direction is shown by arrows flying with the wind and force, on Beaufort 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
Atm. Pressure (Red. to m.s.l. and Strd. Gr.) (* not reduced to Strd. Gr.)	771.6	768.4	765.6	759.2	760.4	755.7	757.1	757.6	756.8
Air Temperature (in C)	10.9	11.2	3.2	6.5	5.4	8.1	7.7	19.0	5.7
Direction and Force of Winds (0-12)	calm	NNW 6	N 5	WNW 4	WNW 4	NW 3	W 4	WSW 3	W 6
Weather	cloudy	cloudy	snow	clear	fair	clear	fair	clear	fair

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.)	753.2	749.8	744.0	767.9	756.4	759.8	767.6	769.6
Air Temperature (in C)	0.2	0.3	- 0.6	2.2	0.4	- 1.6	6.6	4.7
Direction and Force of Winds (0-12)	SW 3	SW 3	WSW 3	NW 5	SSE 2	SSW 3	W 3	WNW 3
Weather	cloudy	fair	cloudy	cloudy	clear	clear	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 13h
Atm. Pressure (Red. to m.s.l. and Strd Gr.) (* not reduced to Strd Gr.)	772.3	775.1	757.6	757.4	758.0	757.1	758.6	-	* 765.8
Air Temperature (in C)	6.1	8.2	25.6	24.7	25.3	29.5	27.0	-	26.
Direction and Force of Winds (0-12)	NNW 4	WSW 2	ESE 4	N 4	SE 1	NE 2	ENE 1	-	NW 3
Weather	clear	clear	cloudy	rain	fair	fair	cloudy	-	cloudy

Station / Hour of Observation	Phu-Lien 10h,	Surigao 13h,	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.)	* 771.8	* 758.7	* -	763.0	762.0	-	750.8	765.5
Air Temperature (in C)	15.	29.	-	21.	-	-	- 2.	- 1.
Direction and Force of Winds (0-12)	NE 3	N 5	-	NE 2	SW 3	-	SE 5	W 2
Weather	cloudy	fair	-	cloudy	cloudy	-	snow	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

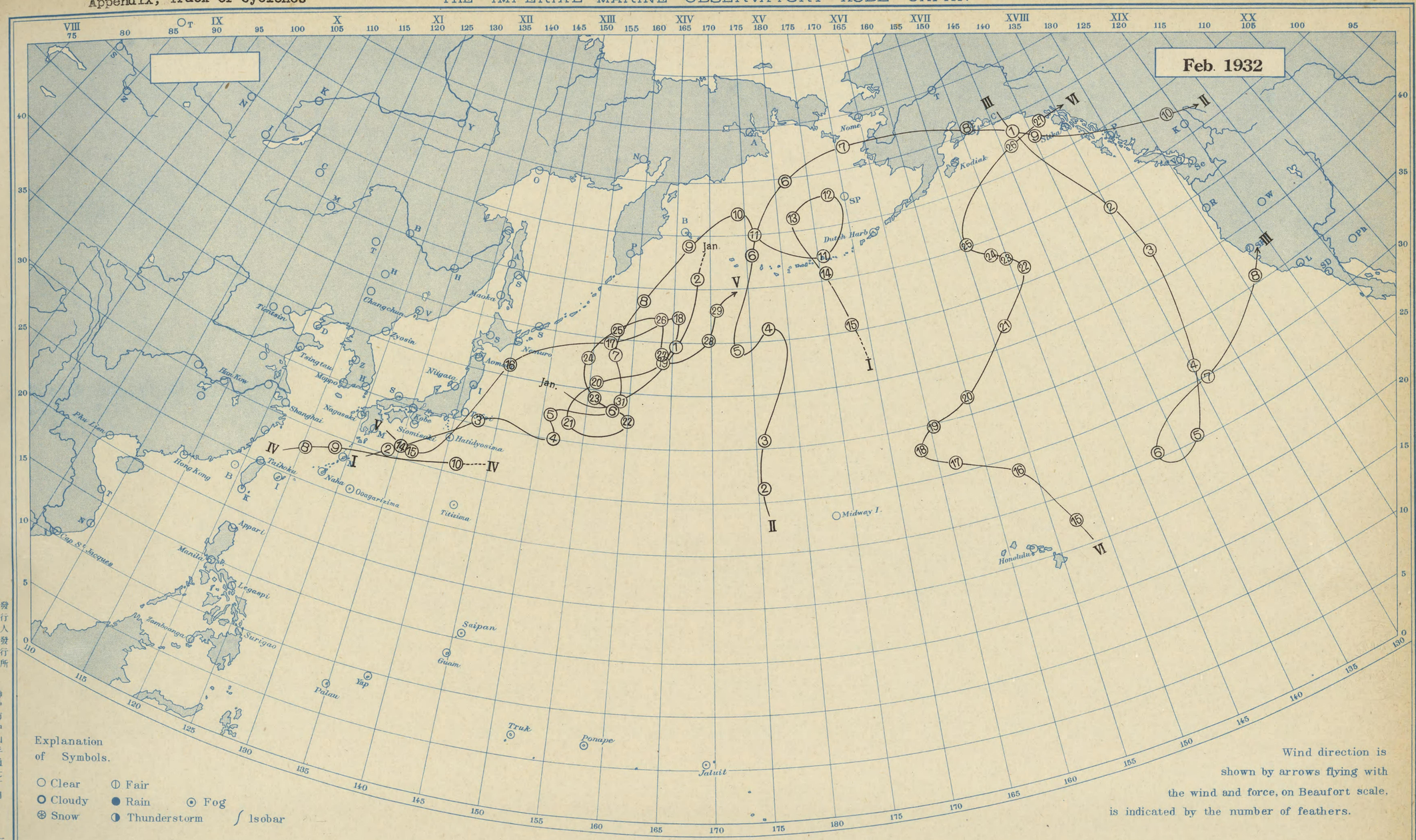
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

Appendix; Track of Cyclones

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

Nº



Explanation of Symbols.

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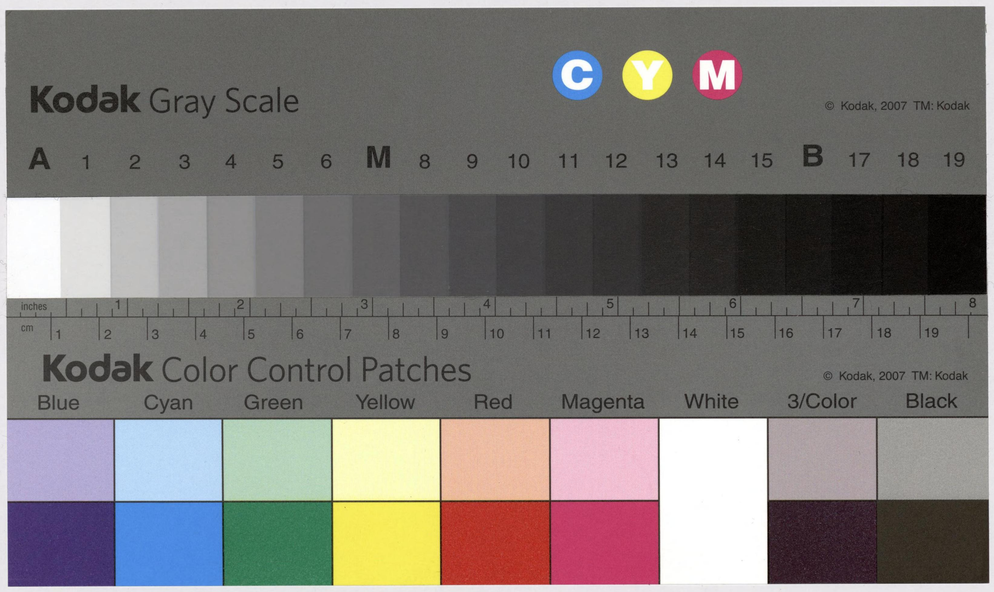
Atm. Pressure (Red. to m.s.l. and Strd Gr.) * not reduced to Strd Gr.)									*	*	*	*					
Air Temperature (in C)																	
Direction and Force of Winds (0-12)																	
Weather																	

印刷人 發行人 發行所
神戸市中山手通七丁目
海洋氣象臺

昭和七年六月十一日印刷
昭和七年六月十四日發行

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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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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