

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

北太平洋天氣圖

昭和十年七月

神戶

海洋氣象臺

DAILY WEATHER CHARTS

OF THE

NORTH PACIFIC OCEAN.

JULY

1935



THE IMPERIAL MARINE OBSERVATORY,

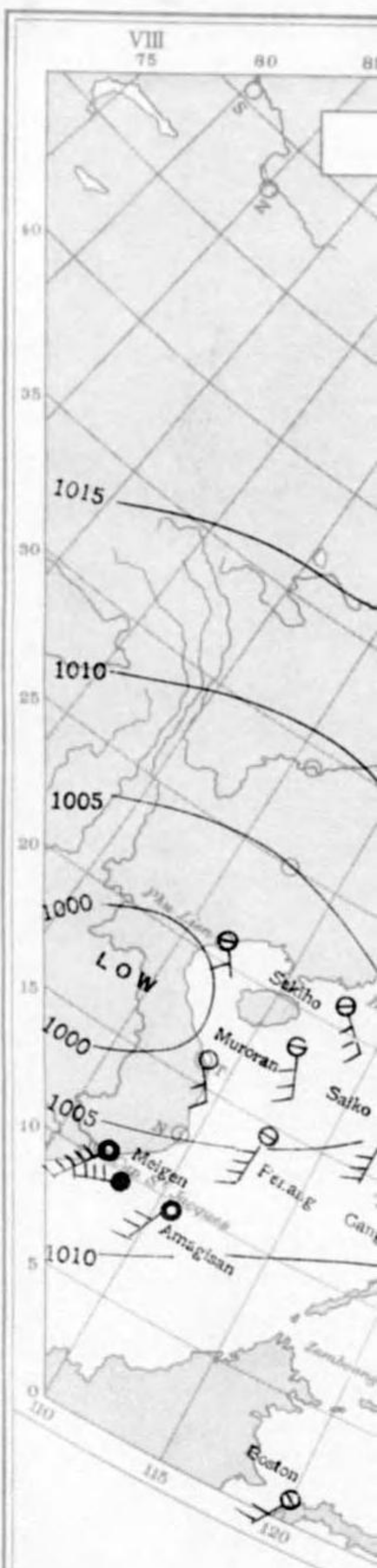
KOBE, JAPAN.

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帝國圖書館

特
278
142

mb.	m.m.	inch
950	712.6	28.06
955	716.3	28.20
960	720.1	28.35
965	723.8	28.50
970	727.6	28.65
975	731.3	28.79
980	735.1	28.94
985	738.8	29.09
990	742.6	29.24
995	746.3	29.38
1000	750.1	29.53
1005	753.8	29.68
1010	757.6	29.83
1015	761.3	29.97
1020	765.1	30.12
1025	768.8	30.27
1030	772.6	30.42
1035	776.3	30.56
1040	780.1	30.71
1045	783.8	30.86
1050	787.6	31.01

北太平洋天氣圖



印 發行人發行所
神戶市神戶區中山手通七丁目
海
洋
氣
象
臺

Explanation
of Symbols.

○ Clear ⊙ Fair
 ⊙ Cloudy ● Rain
 ⊙ Snow ⊙ Thunder

Station
Hour of Observation
Atm. Pressure (Red to m.s.l.)
Air Temperature (in C)
Direction and Force of W
Weather

Station
Hour of Observation
Atm. Pressure (Red to m.s.l.)
Air Temperature (in C)
Direction and Force of W
Weather

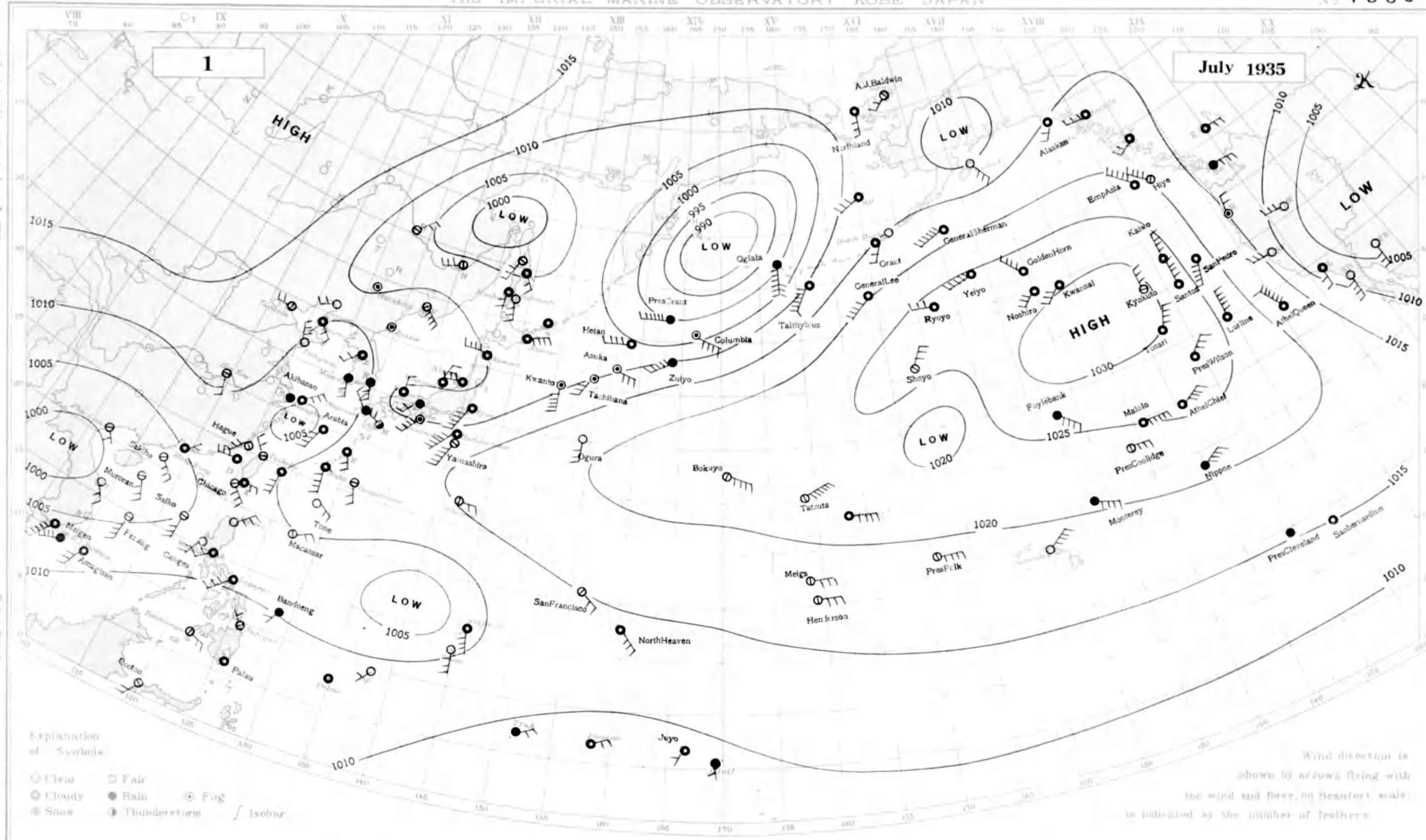
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 4565

北太平洋天氣圖



Station	Taihoku 124° 135 E	Naha 124° 135 E	Osaka 124° 135 E	Nagasaki 124° 135 E	Yokohama 124° 135 E	Kobe 124° 135 E	Tyoko 124° 135 E	Hakodadi 124° 135 E	Tokyo 124° 135 E	Wakana 124° 135 E	Yokohama 124° 135 E	Yokohama 124° 135 E	Yokohama 124° 135 E	Yokohama 124° 135 E	Yokohama 124° 135 E	Yokohama 124° 135 E	Yokohama 124° 135 E
Station	Taihoku	Naha	Osaka	Nagasaki	Yokohama	Kobe	Tyoko	Hakodadi	Tokyo	Wakana	Yokohama	Yokohama	Yokohama	Yokohama	Yokohama	Yokohama	Yokohama
Hour of Observation	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h
Air Pressure (Red to sea and Std. Or) mb.	1015	1014	1013	1012	1011	1010	1009	1008	1007	1006	1005	1004	1003	1002	1001	1000	999
Air Temperature (in C)	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13
Direction and Force of Winds (0-12)	NW 2	S 4	SSE 2	NW 2	SW 4	SW 2	SSW 5	SW 5	E 2	NNE 2	W 4	ENE 4	SSW 3	SSE 2	- 1	SE 2	- 1
Weather	fair	cloudy	fair	rain	fog	rain	cloudy	cloudy	fair	cloudy	cloudy	cloudy	clear	rain	fog	cloudy	cloudy

Station	Davao 124° 135 E	Tsingtau 124° 135 E	Shanghai 124° 135 E	Hankow 124° 135 E	Saipan 124° 135 E	Manila 124° 135 E	Truk 124° 135 E	Ponape 124° 135 E	Julu 124° 135 E	Hongkong 124° 135 E	Manila 124° 135 E	Chu Lan 124° 135 E	Singapore 124° 135 E	Bombay 124° 135 E	Madras 124° 135 E	Dutch Harbor 124° 135 E	Kadlak 124° 135 E
Station	Davao	Tsingtau	Shanghai	Hankow	Saipan	Manila	Truk	Ponape	Julu	Hongkong	Manila	Chu Lan	Singapore	Bombay	Madras	Dutch Harbor	Kadlak
Hour of Observation	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h
Air Pressure (Red to sea and Std. Or) mb.	1010	1009	1008	1007	1006	1005	1004	1003	1002	1001	1000	999	998	997	996	995	994
Air Temperature (in C)	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11
Direction and Force of Winds (0-12)	W 2	NNW 3	- 1	SSE 2	SSE 4	- 1	ENE 2	ENE 2	SSE 1	NE 1	SW 2	SE 1	NW 1	NE 4	E 4	calm	SE 3
Weather	fair	clear	rain	fair	cloudy	cloudy	rain	cloudy	cloudy	cloudy	cloudy	fair	fair	clear	cloudy	clear	cloudy

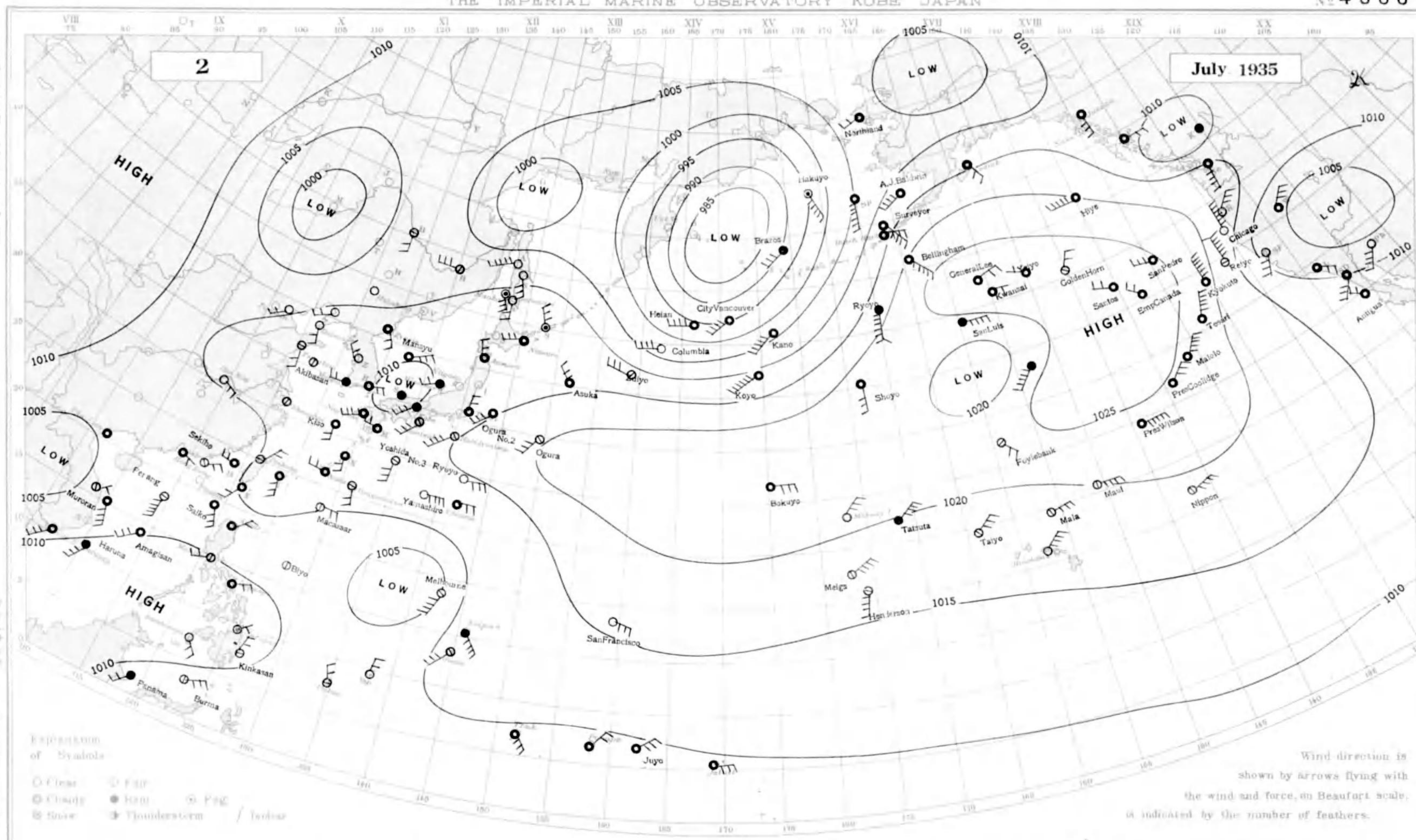
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4566

北太平洋天氣圖



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

Station	Taipei 12° 135 E	Naha 12° 135 E	Osaka 12° 135 E	Nagasaki 12° 135 E	Simiaki 12° 135 E	Kobe 12° 135 E	Tyōsi 12° 135 E	Hatidyōsima 12° 135 E	Tsuzima 12° 135 E	Wakana 12° 135 E	Aomori 12° 135 E	Nemuro 12° 135 E	Otomari 12° 135 E	Moppe 12° 135 E	Zyōsai 12° 135 E	Dairen 12° 135 E	Hanking 12° 135 E
Station from observation	Tientsin 12° 135 E	Tsingtau 12° 135 E	Shanghai 12° 135 E	Hankow 12° 135 E	Saipan 19° 135 E	Pulu 12° 135 E	Truk 12° 135 E	Ponape 12° 135 E	Jaluit 12° 135 E	Hongkong 10°	Munba 14°	Phi Leo 10°	Surigao 14°	Honolulu 19° 155 W	Midway I. 19° 155 W	Dutch Harbor 19° 155 W	Kodiak 19° 155 W
Atm. Pressure (Red water) and 2nd 0.1 mb	10.4	13.0	13.2	11.5	13.5	12.2	13.0	15.0	14.3	11.4	13.5	13.0	11.0	10.9	12.7	11.0	08.6
Air Temperature (in C)	30	25	30	24	26	24	20	28	30	23	20	20	19	22	21	25	30
Direction and Force of Winds (0-12)	NE 2	W 2	SSE 2	WSW 4	SW 3	SW 3	N 2	SW 4	E 2	WSW 2	NNW 2	WSW 3	S 2	W 2	SE 2	SSE 2	- 1
Weather	fair	cloudy	fair	cloudy	fair	rain	cloudy	fair	cloudy	rain	cloudy	cloudy	clear	rain	cloudy	clear	clear
Atm. Pressure (Red water) and 2nd 0.1 mb	09.7	10.4	11.4	10.7	10.4	09.9	09.2	10.3	11.4	08.0	10.7	07.3	10.6	15.2	20.6	15.9	11.8
Air Temperature (in C)	33	24	26	29	28	29	28	29	27	26	32	28	31	27	-	11	11
Direction and Force of Winds (0-12)	SW 2	SSE 2	- 1	ESE 2	SE 4	NNW 2	SE 3	NE 2	E 3	ESE 1	WSW 2	calm	NE 1	NE 4	NE 3	E 3	SE 2
Weather	clear	fair	fair	clear	rain	fair	cloudy	cloudy	cloudy	cloudy	fair	cloudy	clear	clear	clear	cloudy	cloudy

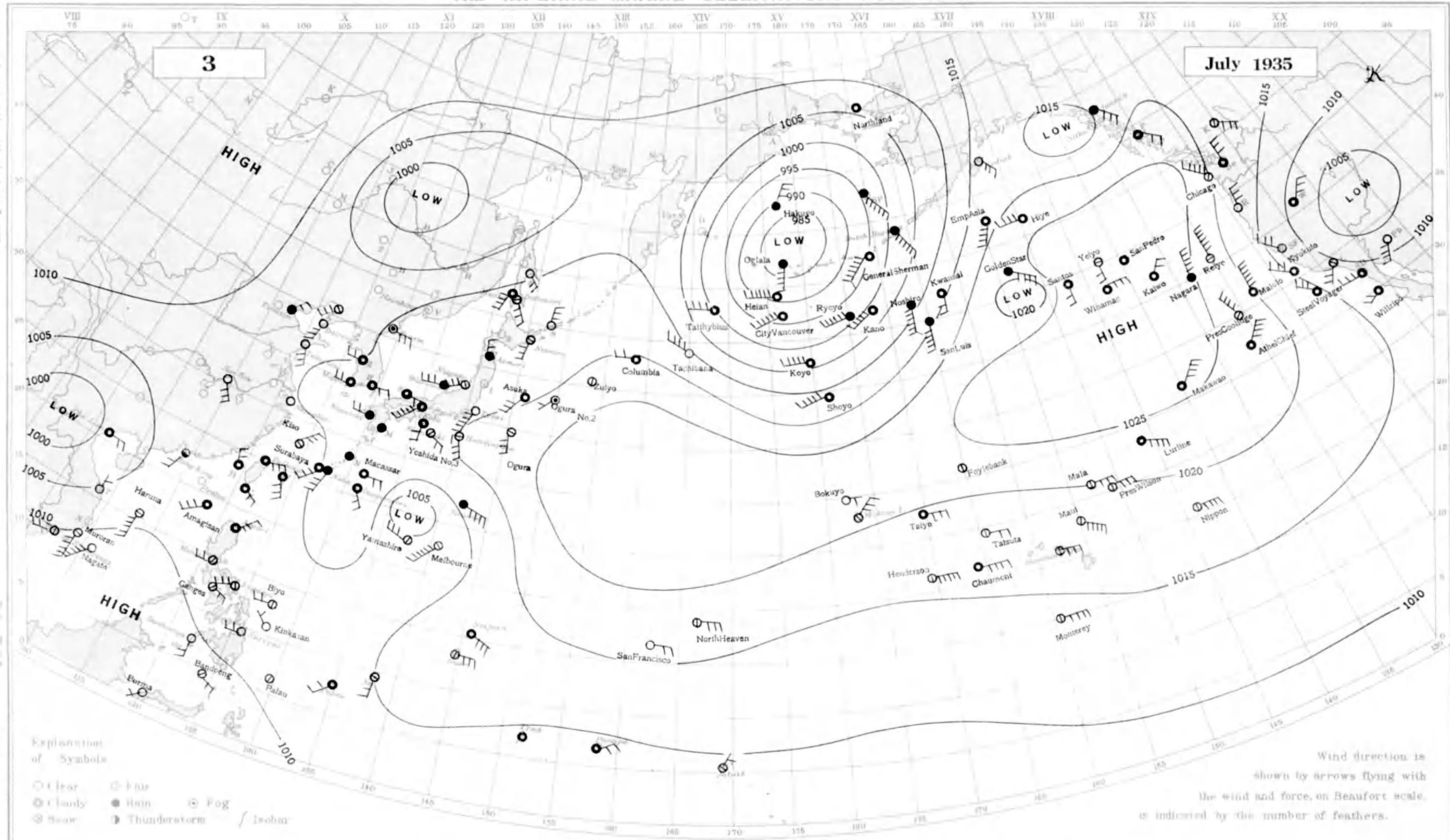
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4567

北太平洋天氣圖



Explanation of Symbols
 ○ Clear ☁️ Fog
 ☁️ Cloudy ● Rain
 ❄️ Snow ⚡ Thunderstorm
 — Isobar

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

Station	Taihoku 12° 135 E	Naha 12° 135 E	Onagajima 13° 135 E	Nagasaki 12° 135 E	Simotsuki 12° 135 E	Kobe 12° 135 E	Tyōri 12° 135 E	Hatayōsima 12° 135 E	Tsuzuma 12° 135 E	Wakana 12° 135 E	Arneri 12° 135 E	Nemuro 12° 135 E	Otomari 12° 135 E	Moppe 12° 135 E	Zyōsin 12° 135 E	Dairen 12° 135 E	Hsinking 12° 135 E
Hour of Observation																	
Atm. Pressure (Red in sea and 594.0 in land)	08.7	10.3	11.0	11.5	13.5	11.9	13.2	15.4	10.1	11.3	11.8	14.3	10.6	10.6	11.8	09.6	06.9
Air Temperature (in °C)	29	27	29	22	26	28	27	26	27	25	18	18	22	24	20	27	30
Direction and Force of Winds (0-12)	ENE 3	SSW 4	SE 2	W 2	S 2	SW 5	SSW 5	SSE 3	ESE 4	W 3	NNW 2	SSW 3	SSE 3	W 2	E 3	S 3	- 1
Weather	cloudy	rain	cloudy	rain	cloudy	cloudy	clear	fair	rain	rain	rain	fair	fair	cloudy	fog	clear	clear
Station	Tientsin 12° 135 E	Tsingtau 12° 135 E	Shanghai 12° 135 E	Hankow 12° 135 E	Saipan 12° 135 E	Palau 12° 135 E	Truk 12° 135 E	Ponape 12° 135 E	Jaluit 0°	Hongkong 10°	Manila 14°	Phu-Lien 16°	Surigao 14°	Honolulu 19°	Midway I. 19°	Dutch Harbor 19°	Kodink 19°
Hour of Observation																	
Atm. Pressure (Red in sea and 594.0 in land)	07.0	08.8	09.9	07.3	10.1	08.4	09.0	08.4	10.9	07.8	10.3	04.4	09.9	14.5	19.3	03.7	15.9
Air Temperature (in °C)	32	26	28	28	29	29	29	29	28	25	31	29	32	27	-	9	16
Direction and Force of Winds (0-12)	NE 2	SSE 3	- 1	SE 3	ESE 3	SW 2	- 1	ENE 2	NE 1	SSW 2	W 2	E 2	W 2	E 3	NE 3	SE 6	SE 2
Weather	clear	clear	clear	cloudy	cloudy	cloudy	cloudy	cloudy	fair	t.s.	fair	cloudy	clear	fair	fair	rain	clear

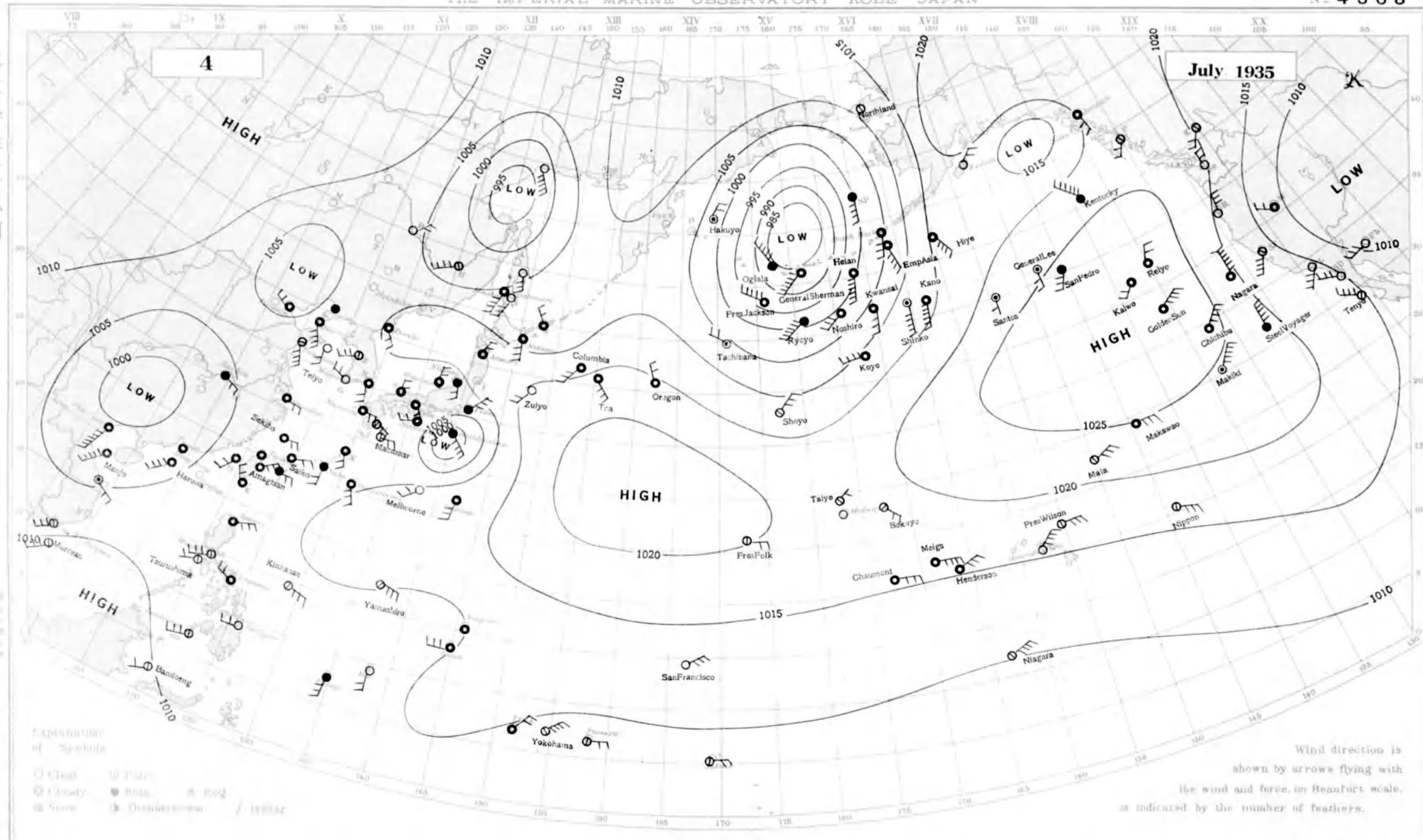
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 4568

北太平洋天氣圖



Explanation of Symbols

○ Clear ☁ Partly
 ☁ Cloudy ● Rain ☉ Fog
 ☉ Snow ☉ Drizzle

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

Station (Hour of Observation)	Taihoku 19° 10' E	Naha 19° 10' E	Ogatajima 12° 14' E	Nagasaki 12° 13' E	Simiaki 12° 13' E	Kobe 12° 13' E	Tyōsū 12° 13' E	Hatidyōsima 12° 13' E	Tsuzuma 12° 10' E	Wakana 12° 14' E	Aomori 12° 13' E	Nemuro 12° 13' E	Utsunomiya 12° 13' E	Moppo 12° 13' E	Zyōshū 12° 13' E	Dairen 12° 13' E	Hsinking 12° 13' E
Air Temperature (in F)	06.7 30	09.2 26	09.9 28	08.7 22	08.4 26	07.9 28	09.1 19	98.6 23	12.2 29	09.1 27	11.1 23	09.1 18	07.0 20	09.2 26	10.4 20	08.2 23	07.0 29
Direction and Force of Winds (0-12)	cloudy	S 2 rain	SSE 2 cloudy	ENE 2 cloudy	WSW 2 cloudy	SE 2 cloudy	NE 3 rain	SE 4 rain	S 3 cloudy	N 2 cloudy	NNE 2 cloudy	S 3 cloudy	SSW 3 clear	WNW 2 clear	SE 2 cloudy	SSE 4 cloudy	- 1 clear
Station (Hour of Observation)	Tientsin 119° 13' E	Tsingtau 119° 10' E	Shanghai 121° 10' E	Hankow 112° 13' E	Saipan 112° 13' E	Palau 112° 13' E	Truk 112° 13' E	Ponape 112° 13' E	Jaluit 112° 13' E	Hongkong 103°	Muniki 113°	Pho-Liu 113°	Surigao 114°	Honolulu 115°	Midway I. 117°	Dutch Harbor 117°	Kodiak 117°
Air Temperature (in F)	03.9 32	07.1 25	07.7 27	03.1 27	10.0 27	08.6 26	07.9 29	07.4 31	09.7 27	03.5 26	08.7 32	01.2 30	08.4 32	15.2 28	17.3 -	03.7 -	20.0 18
Direction and Force of Winds (0-12)	cloudy	SSE 4 fair	E 2 cloudy	ESE 2 rain	- 1 cloudy	S 3 rain	NE 2 cloudy	E 2 fair	E 2 fair	calm cloudy	WSW 3 fair	SSW 6 cloudy	W 2 clear	NE 4 clear	- -	S 3 cloudy	NE 2 clear

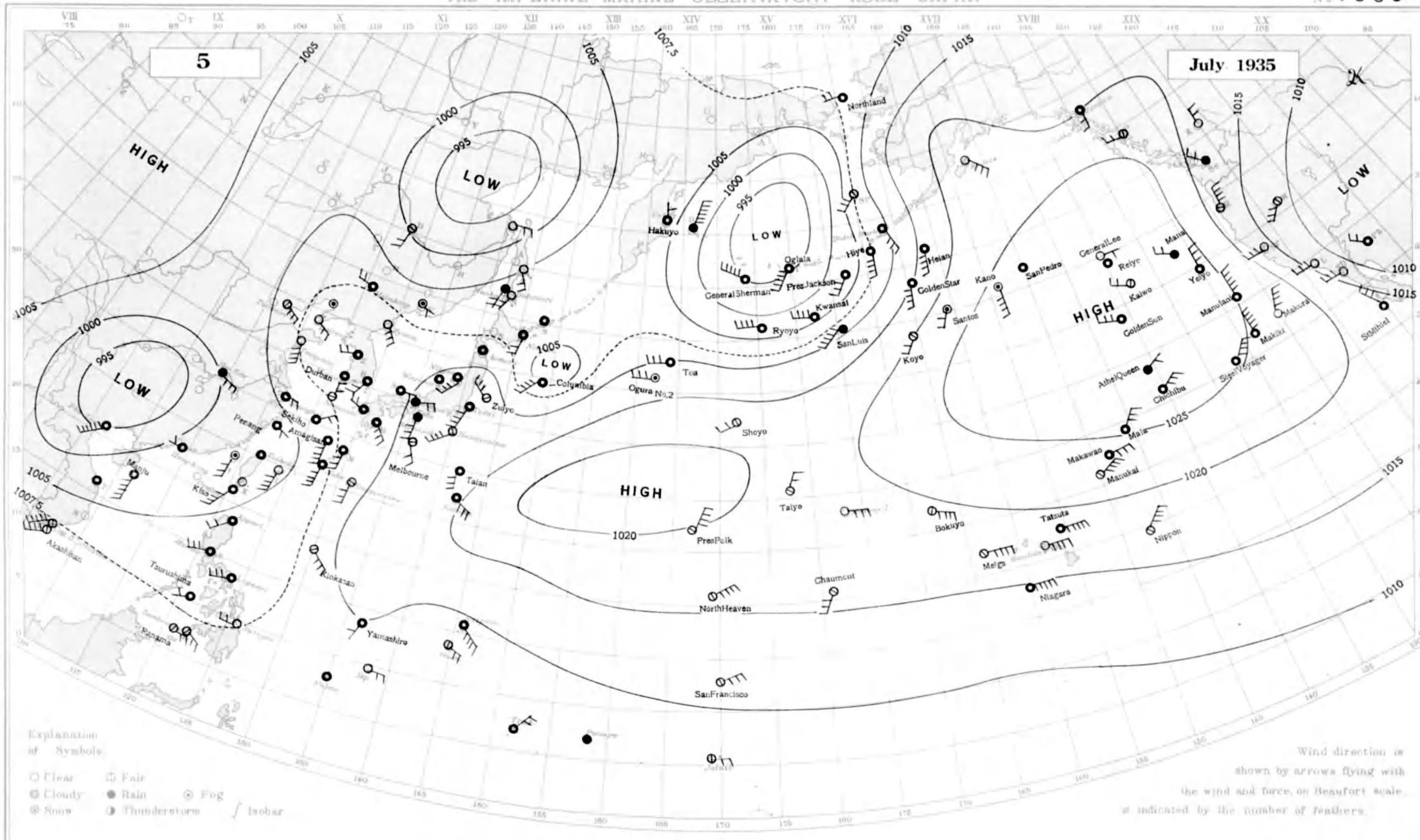
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 4569

北太平洋天氣圖



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, as indicated by the number of feathers.

Station	Tsuhoku	Naha	Osagazima	Nagasaki	Sionisaki	Kobe	Tyosai	Hatidyosma	Tsuzima	Wakana	Amami	Nemuro	Obomari	Mopu	Zyosin	Dairen	Banking
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E
Atm. Pressure (Bar to 1000 and 32.8 Gr.) mb.	03.0	07.0	08.8	08.2	13.0	10.4	10.7	14.0	14.6	10.6	08.3	06.3	05.0	08.3	07.8	08.7	06.3
Air Temperature (in C)	31	28	29	26	21	22	25	27	30	23	26	22	20	26	22	25	28
Direction and Force of Winds (0-12)	- 1	S 4	S 3	WNW 2	S 3	ENE 2	SSW 4	SW 4	ESE 2	- 1	- 1	SSW 2	SW 2	- 1	SE 3	ESE 2	W 2
Weather	cloudy	cloudy	fair	cloudy	rain	rain	cloudy	fair	cloudy	cloudy	cloudy	cloudy	clear	cloudy	clear	clear	cloudy
Station	Tientsin	Tsingtau	Shanghai	Hankow	Saipan	Palau	Truk	Ponape	Jaluit	Hongkong	Manila	Phi-lain	Surigao	Honolulu	Midway I.	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	5 ^h	10 ^h	14 ^h	10 ^h	14 ^h	10 ^h	10 ^h	10 ^h	10 ^h
Atm. Pressure (Bar to 1000 and 32.8 Gr.) mb.	05.9	07.9	05.9	00.8	09.6	08.0	07.5	08.7	09.7	00.3	07.8	97.2	07.5	15.9	17.9	07.8	21.3
Air Temperature (in C)	30	25	26	23	28	29	28	25	29	28	30	31	32	28	-	14	14
Direction and Force of Winds (0-12)	ESE 3	SSE 4	E 2	ESE 3	SE 4	- 1	NE 2	- 1	E 2	W 1	WSW 3	SW 6	W 2	E 4	E 3	SE 3	SE 3
Weather	fair	clear	cloudy	rain	cloudy	cloudy	cloudy	rain	fair	cloudy	cloudy	cloudy	cloudy	clear	clear	cloudy	clear

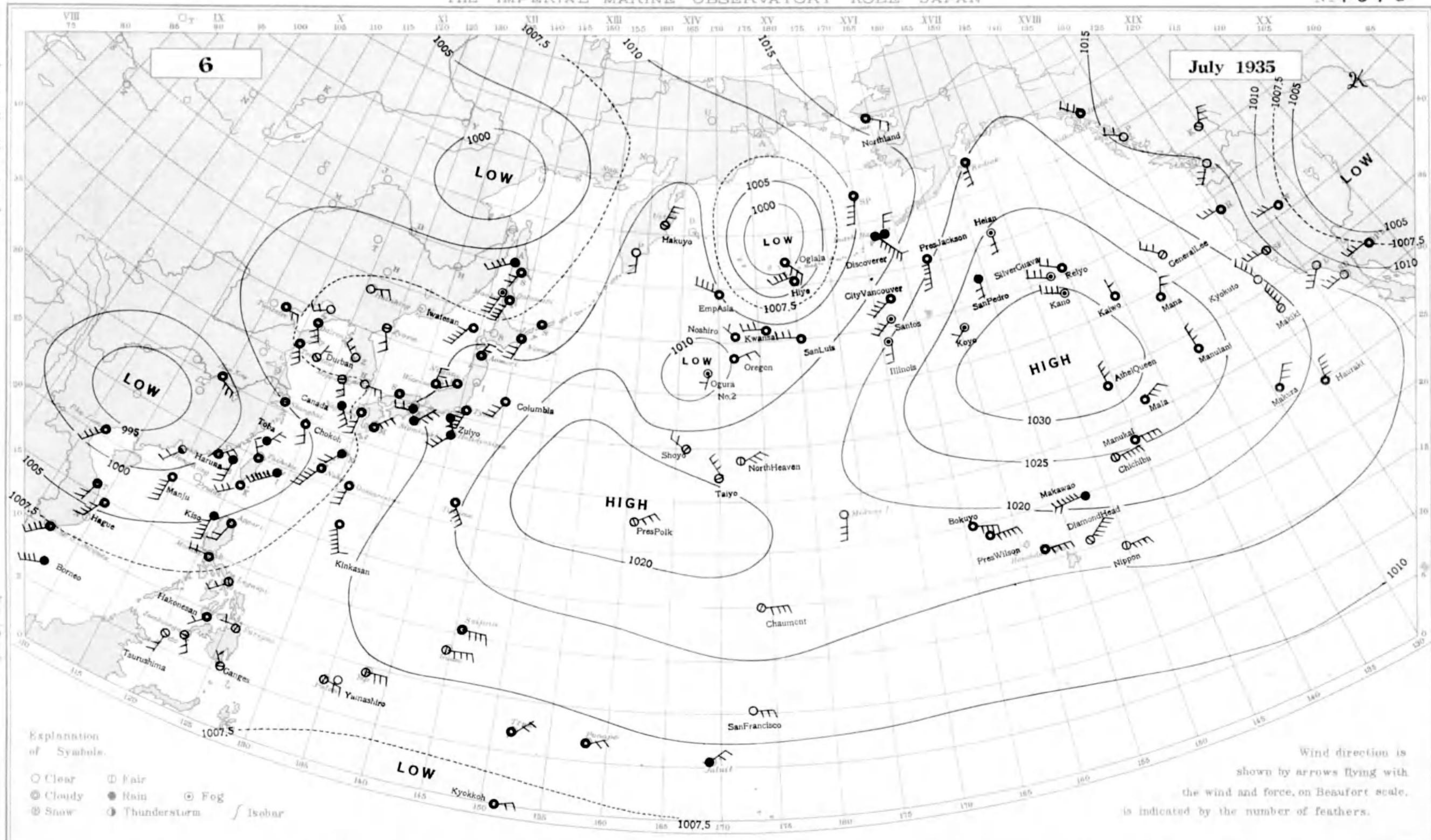
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4 5 7 0

北太平洋天氣圖



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	Taihoku 12°N, 135°E	Naha 12°N, 135°E	Ooguruzima 12°N, 135°E	Nagasaki 12°N, 135°E	Simisaki 12°N, 135°E	Kobe 12°N, 135°E	Tyōsū 12°N, 135°E	Haridyōsuan 12°N, 135°E	Titizima 12°N, 135°E	Wajima 12°N, 135°E	Amori 12°N, 135°E	Nemuro 12°N, 135°E	Otomari 12°N, 135°E	Moppo 12°N, 135°E	Zyōsū 12°N, 135°E	Dairen 12°N, 135°E	Hankang 12°N, 135°E
Atm. Pressure (Red to sea level and Std. Or.) mb.	02.0	06.0	09.0	07.8	09.6	11.1	12.7	13.6	14.6	09.5	10.3	07.3	05.7	07.5	08.7	08.8	08.3
Air Temperature (in C)	31	27	30	26	21	21	25	23	30	26	23	19	16	26	22	26	26
Direction and Force of Winds (0-12)	NW 2	SSW 5	S 3	S 3	NE 3	W 2	SSW 5	SSW 3	SE 4	N 2	NNE 2	SSW 3	SSW 5	SSE 2	SSE 2	SSE 3	ENE 2
Weather	cloudy	cloudy	cloudy	cloudy	rain	rain	cloudy	rain	cloudy	cloudy	cloudy	cloudy	cloudy	fair	fair	cloudy	clear
Station	Tientsin 12°N, 135°E	Tsingtau 12°N, 135°E	Shanghai 12°N, 135°E	Hankow 12°N, 135°E	Swipar 12°N, 135°E	Palau 12°N, 135°E	Truk 12°N, 135°E	Ponape 12°N, 135°E	Jaluit 8°N	Hongkong 10°N	Manila 14°N	Phu-Lien 10°N	Surigao 14°N	Honolulu 19°N, 155°W	Midway I. 30°N, 155°W	Dutch Harbor 58°N, 155°W	Kodiak 58°N, 135°W
Atm. Pressure (Red to sea level and Std. Or.) mb.	07.4	08.3	05.2	99.7	11.4	09.2	08.8	09.1	11.0	99.3	08.6	96.4	08.7	15.9	17.9	11.2	20.0
Air Temperature (in C)	32	25	26	30	30	30	28	27	26	28	31	30	32	27	-	10	16
Direction and Force of Winds (0-12)	E 2	SSE 3	- 1	ESE 3	E 4	E 2	NE 2	ENE 2	NE 2	SW 2	W 2	SW 4	W 1	E 4	S 3	N 2	S 3
Weather	cloudy	cloudy	cloudy	cloudy	cloudy	fair	cloudy	cloudy	rain	t.s.	cloudy	cloudy	fair	cloudy	cloudy	rain	cloudy

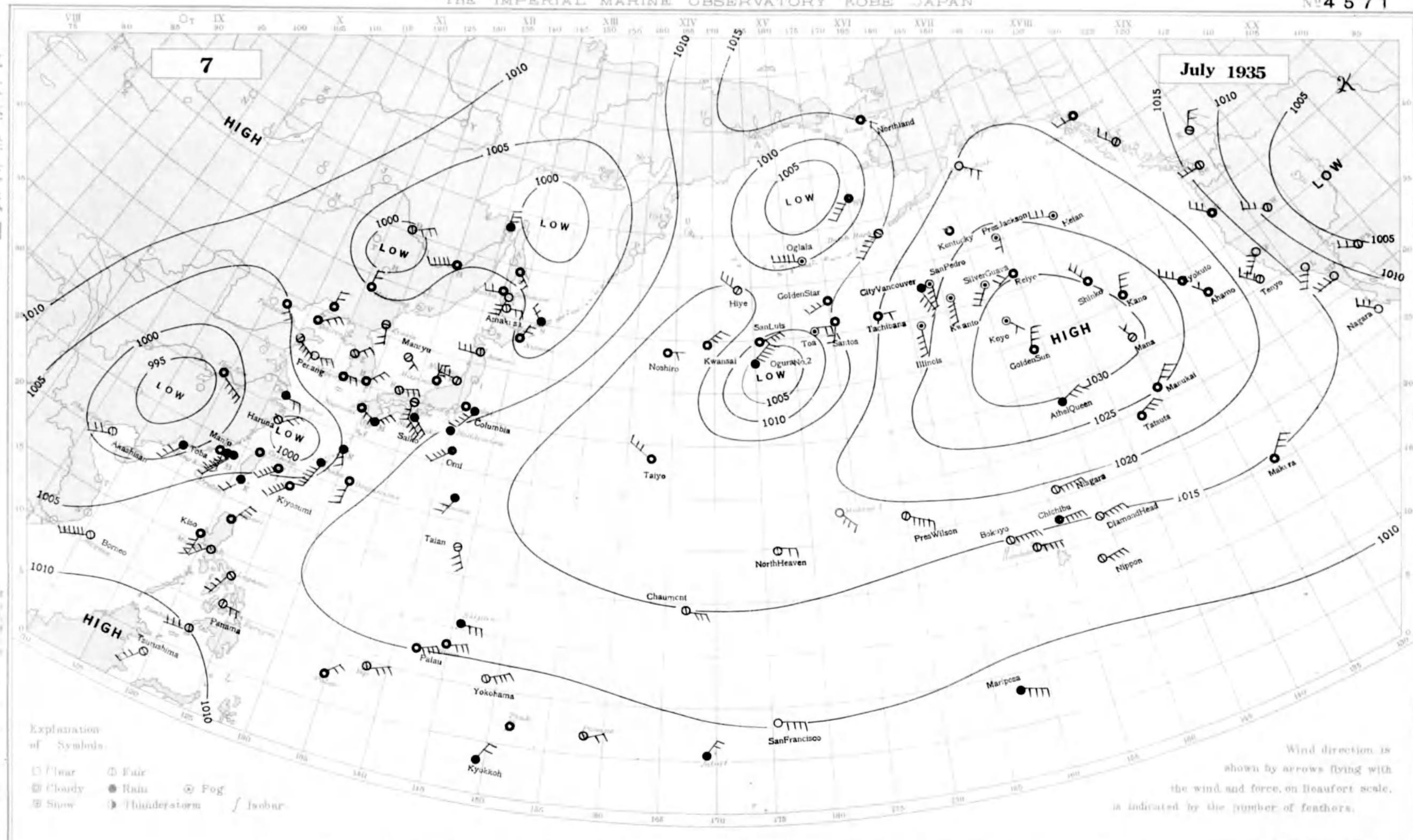
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4 5 7 1

北太平洋天氣圖



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	Taihoku 12°N, 135°E	Naha 12°N, 135°E	Oosacizima 12°N, 135°E	Nagasaki 12°N, 135°E	Simisaki 12°N, 135°E	Kobe 12°N, 135°E	Fyusi 12°N, 135°E	Haidyosuma 12°N, 135°E	Tihsima 12°N, 135°E	Wazima 12°N, 135°E	Aomori 12°N, 135°E	Nemuro 12°N, 135°E	Otofumi 12°N, 135°E	Moppo 12°N, 135°E	Zyosin 12°N, 135°E	Daijon 12°N, 135°E	Hanking 12°N, 135°E
Hour of Observation																	
Atm. Pressure (Red to sea level and 3rd. or) mb.	03.3	04.4	08.2	05.3	07.9	07.8	08.6	10.4	11.8	09.1	07.1	04.3	05.2	07.3	09.6	08.8	08.3
Air Temperature (in C)	31	28	26	29	21	27	22	21	29	23	24	15	18	28	23	28	31
Direction and Force of Winds (0-12)	- 1	SSW 6	S 3	ESE 2	SE 3	SSE 3	- 1	- 1	SSW 2	N 2	W 3	NE 2	SSW 3	E 2	SSE 2	NE 3	N 2
Weather	cloudy	rain	cloudy	cloudy	rain	fair	cloudy	rain	rain	cloudy	cloudy	cloudy	clear	cloudy	fair	cloudy	cloudy
Station	Tientsin 12°N, 135°E	Tsingtau 12°N, 135°E	Shanghai 12°N, 135°E	Hankow 12°N, 135°E	Saipan 12°N, 135°E	Palau 12°N, 135°E	Truk 12°N, 135°E	Ponape 12°N, 135°E	Jaluit 12°N, 135°E	Hongkong 10°N	Munila 14°N	Pho-Lien 10°N	Syrigoo 14°N	Honolulu 19°N	Midway I. 19°N	Dutch Harbor 19°N	Kodiak 19°N
Hour of Observation																	
Atm. Pressure (Red to sea level and 3rd. or) mb.	04.7	07.8	04.0	07.6	10.0	08.6	06.7	07.1	09.6	99.5	09.0	-	09.3	14.5	16.6	14.5	20.0
Air Temperature (in C)	29	26	27	30	27	30	30	30	27	28	31	-	31	27	-	13	17
Direction and Force of Winds (0-12)	SE 2	ESE 4	E 2	ESE 4	E 3	NE 2	- 1	ENE 2	NE 2	SSW 3	SW 4	-	NW 1	E 4	SE 3	SW 4	SE 2
Weather	cloudy	fair	rain	cloudy	rain	cloudy	cloudy	fair	rain	rain	fair	-	clear	fair	clear	fair	clear

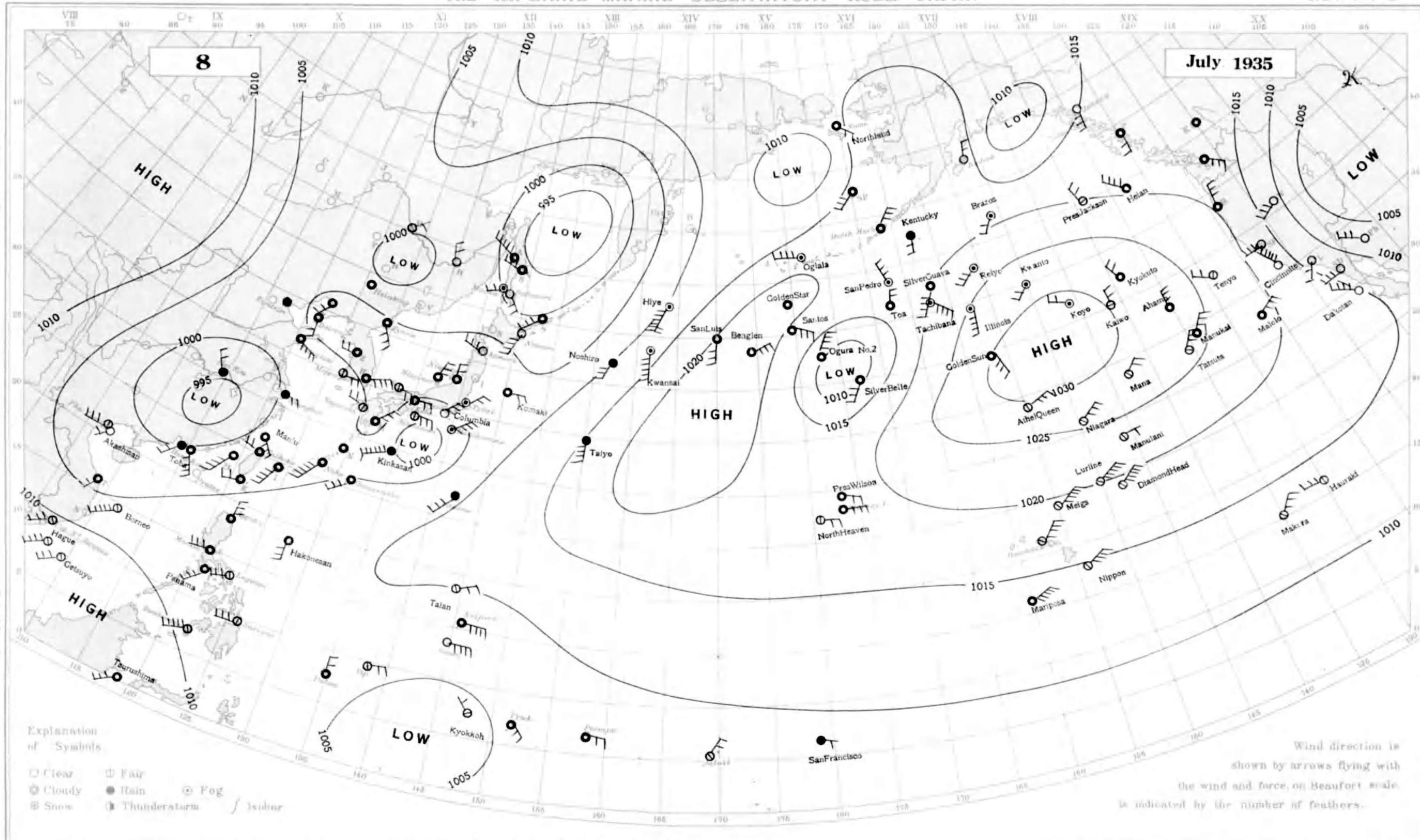
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE, JAPAN

No 4 5 7 2

北太平洋天氣圖



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	Taihoku 12° 135 E	Naha 12° 135 E	Duoyuzhimu 12° 135 E	Nagasaki 12° 135 E	Suisi 12° 135 E	Kobe 12° 135 E	Fuzhou 12° 135 E	Haidyokawa 12° 135 E	Tuzima 12° 135 E	Wazma 12° 135 E	Aomori 12° 135 E	Nemuro 12° 135 E	Ofunato 12° 135 E	Mopu 12° 135 E	Zyosin 12° 135 E	Bairen 12° 135 E	Hankang 12° 135 E
Station	Taihoku	Naha	Duoyuzhimu	Nagasaki	Suisi	Kobe	Fuzhou	Haidyokawa	Tuzima	Wazma	Aomori	Nemuro	Ofunato	Mopu	Zyosin	Bairen	Hankang
Hour of Observation																	
Atm. Pressure (Wet to sea level and 30 in. Hg) mb.	02.1	03.7	05.5	03.9	04.6	04.7	06.1	04.8	08.8	07.3	05.3	01.7	99.4	04.7	05.2	05.3	04.2
Air Temperature (in C)	32	28	28	29	26	29	19	24	28	24	25	18	16	27	23	27	30
Direction and Force of Winds (0-12)	W 2	SSW 5	SW 3	WNW 2	E 3	E 2	NE 2	NE 4	SSW 3	NNE 3	WNW 3	SW 4	SW 2	E 2	SSE 3	SSE 2	-
Weather	cloudy	cloudy	cloudy	fair	fair	cloudy	fog	fair	rain	cloudy	clear	clear	clear	fair	cloudy	cloudy	cloudy

Station	Tientsin 12° 135 E	Tsingtau 12° 135 E	Shanghai 12° 135 E	Hankow 12° 135 E	Saipan 12° 135 E	Palau 12° 135 E	Truk 12° 135 E	Ponape 12° 135 E	Jaititi 8°	Hongkong 10°	Manila 14°	Phi Leo 10°	Surigao 14°	Honolulu 19°	Midway I. 19°	Dutch Harbor 19°	Kodiak 19°
Station	Tientsin	Tsingtau	Shanghai	Hankow	Saipan	Palau	Truk	Ponape	Jaititi	Hongkong	Manila	Phi Leo	Surigao	Honolulu	Midway I.	Dutch Harbor	Kodiak
Hour of Observation																	
Atm. Pressure (Wet to sea level and 30 in. Hg) mb.	04.4	03.8	00.7	99.4	06.9	06.0	06.1	06.4	08.0	00.6	08.2	99.5	08.4	15.9	15.9	15.9	18.6
Air Temperature (in C)	28	26	26	23	29	28	29	29	29	28	30	31	30	26	-	10	16
Direction and Force of Winds (0-12)	-	ESE 4	E 2	NW 2	ESE 4	N 2	SE 2	ESE 2	NE 2	SW 2	W 3	W 3	W 3	NE 4	E 3	NE 3	N 2
Weather	rain	cloudy	rain	rain	cloudy	cloudy	cloudy	cloudy	fair	rain	cloudy	fair	fair	fair	cloudy	cloudy	fair

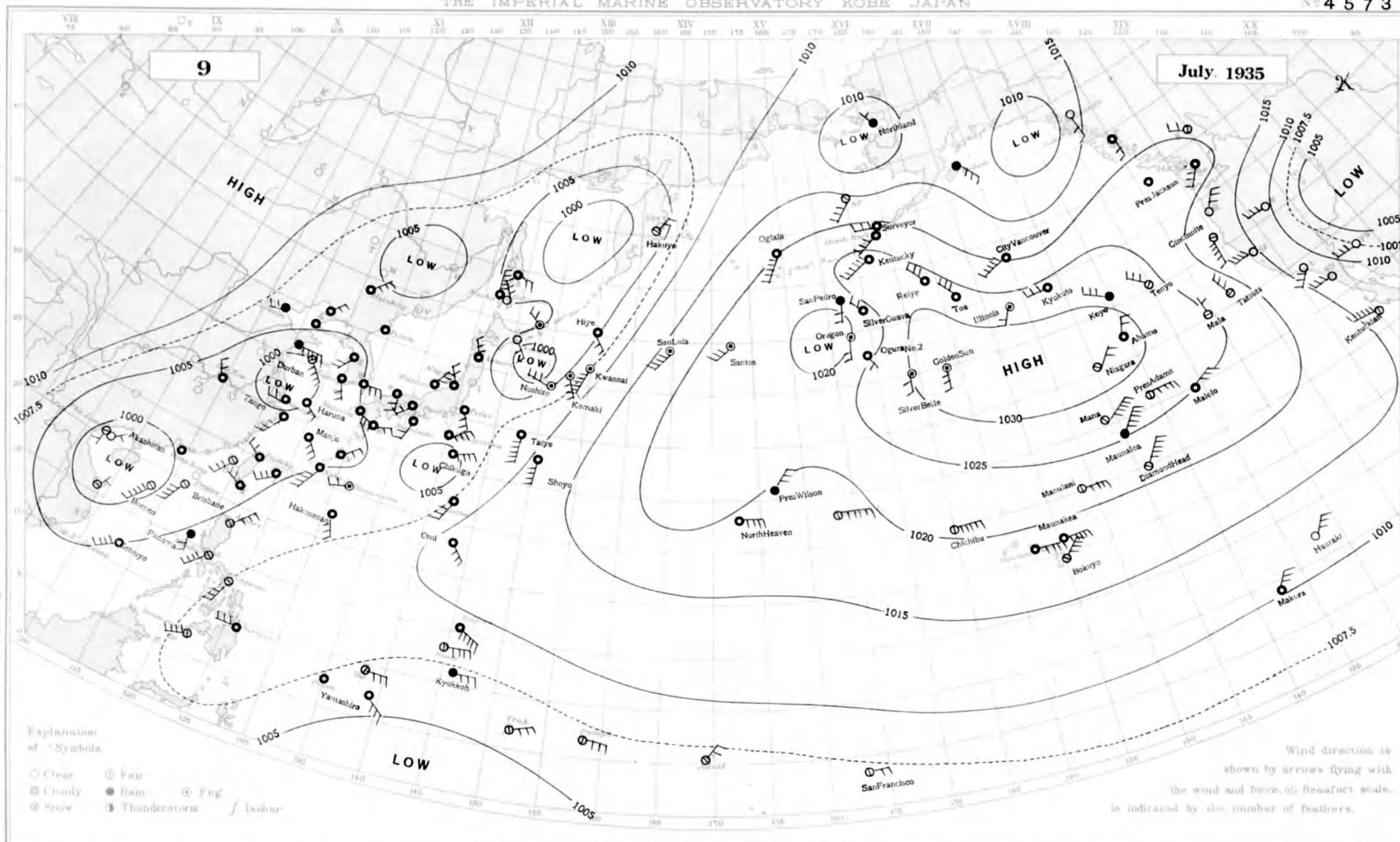
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4573

北太平洋天氣圖



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.

時日
 緯度
 經度
 風向
 風力
 雲量
 降水
 霧

Station	Typhoku	Naha	Oscurizima	Nagasaki	Simisaki	Kobe	Tyosai	Haidyosona	Tillston	Wachau	Aomori	Nemoro	Dotonari	Maipo	Koosin	Oairu	Hokkaido
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E
Atm. Pressure (904 to 904.5) in h. (904 to 904.5) in h.	05.2 32	05.1 29	06.3 29	05.0 28	06.6 26	05.6 29	06.1 25	06.3 25	08.3 29	07.7 24	05.9 23	04.8 18	04.6 17	04.4 29	08.6 25	05.2 27	06.4 29
Direction and Force of Winds (0-12)	WNW 2	SSW 4	WSW 2	ESE 3	SSW 2	SW 2	SSE 3	NE 4	SSW 3	NE 3	NNW 3	SSE 2	NW 3	SSE 2	- 1	- 1	NE 3
Weather	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy
Station	Tientsin	Tsingtau	Shanghai	Hankow	Saipan	Palau	Truk	Ponape	Jaluit	Hongkong	Manila	Phi-Lin	Surigao	Honolulu	Midway I.	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	10 ^h	14 ^h	10 ^h	14 ^h	10 ^h	10 ^h	10 ^h	10 ^h
Atm. Pressure (904 to 904.5) in h. (904 to 904.5) in h.	05.9 23	01.6 23	99.7 31	03.3 25	06.9 29	05.6 28	05.7 29	05.7 31	07.4 29	00.7 27	05.9 32	99.5 32	06.9 30	15.9 27	19.3 -	21.3 12	11.2 10
Direction and Force of Winds (0-12)	WSW 2	E 5	W 2	NW 2	SE 5	- 1	ENE 3	ESE 3	NE 2	calm	SW 4	S 1	W 3	E 4	E 5	SW 3	SE 3
Weather	rain	rain	cloudy	cloudy	cloudy	cloudy	fair	fair	fair	cloudy	fair	fair	cloudy	cloudy	fair	cloudy	rain

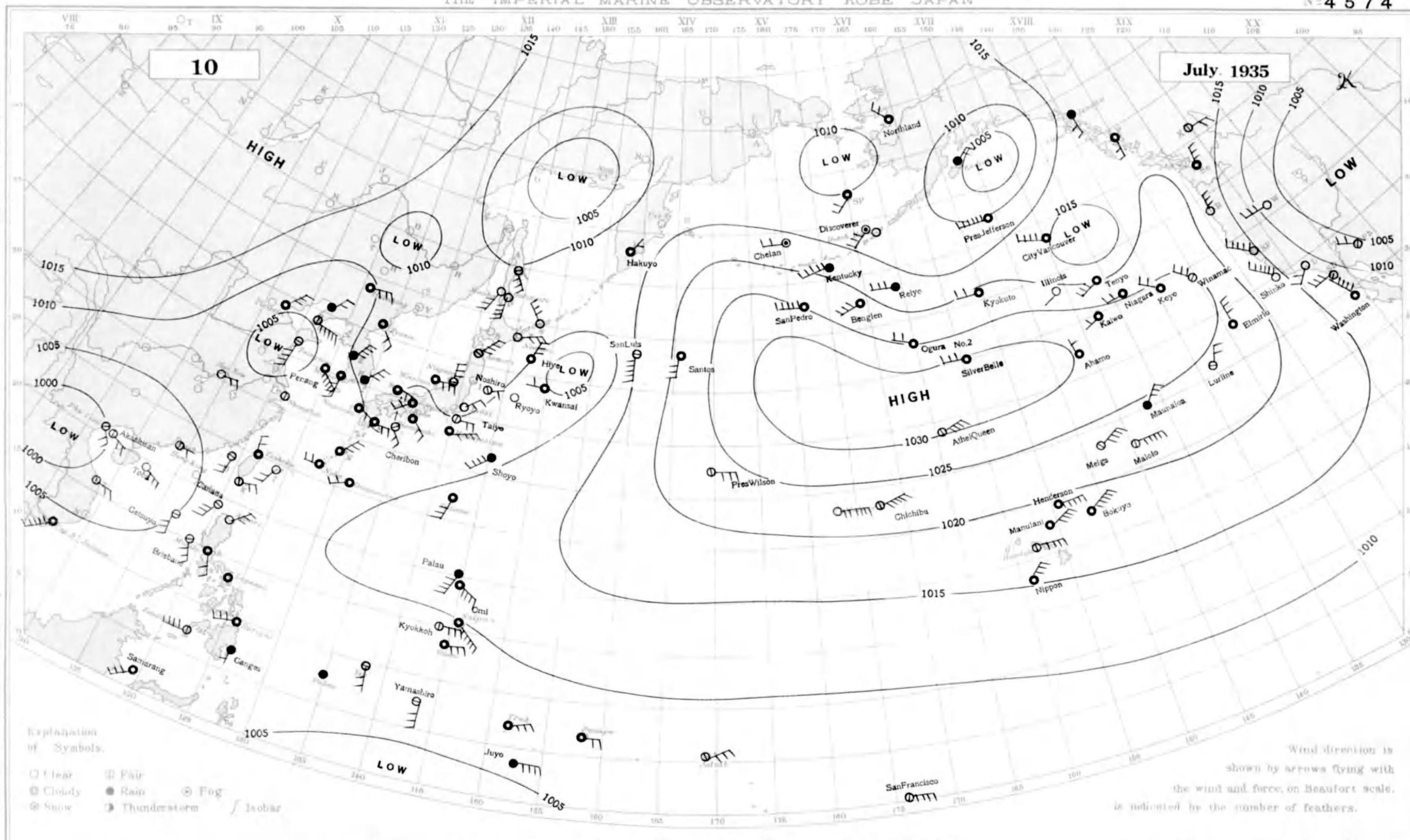
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4574

北太平洋天氣圖



Explanation of Symbols.

- ☉ Clear
- ☁ Partly Cloudy
- ☁ Cloudy
- ☁ Snow
- ☉ Fair
- ☉ Rain
- ☉ Fog
- ☉ 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	Taihoku 12° 19' N, 135° E	Naha 12° 13' N, 125° E	Osagrizhima 12° 15' N, 135° E	Nagasaki 12° 15' N, 135° E	Siemiasaki 12° 15' N, 135° E	Kobe 12° 15' N, 135° E	Tyōsai 12° 15' N, 135° E	Hattidōshima 12° 15' N, 135° E	Titizima 12° 15' N, 135° E	Wakana 12° 15' N, 135° E	Asumi 12° 15' N, 135° E	Nemuro 12° 15' N, 135° E	Hokumari 12° 15' N, 135° E	Moppo 12° 15' N, 135° E	Zyōsim 12° 15' N, 135° E	Dairen 12° 15' N, 135° E	Hanking 12° 15' N, 135° E
Hour of Observation																	
Atm. Pressure (Red in m.m. and 31.6 in in.)	07.8	08.7	08.7	09.1	09.5	09.2	10.9	08.7	10.6	11.9	13.7	14.0	12.6	08.6	14.1	06.7	09.0
Air Temperature (in C)	32	29	29	28	28	31	24	25	30	25	23	16	16	25	22	22	29
Direction and Force of Winds (0-12)	NNW 2	W 2	WSW 2	ESE 2	SE 2	SW 2	NE 2	ENE 4	SSW 3	ENE 3	NE 4	ENE 3	S 4	S 3	SE 2	ESE 6	ENE 2
Weather	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	clear	cloudy	cloudy	cloudy	fair	clear	clear	cloudy	cloudy	fair	cloudy
Station	Tientsin 19° 13' N, 115° E	Tsingtau 12° 15' N, 120° E	Shanghai 12° 15' N, 120° E	Hankow 12° 15' N, 120° E	Saipan 12° 15' N, 125° E	Palau 12° 15' N, 125° E	Truk 12° 15' N, 125° E	Ponape 12° 15' N, 125° E	Jaluit 8° N	Hongkong 10° N	Manila 14° N	Phi Lian 10° N	Surigao 14° N	Honolulu 19° 13' N, 155° W	Midway I. 33° 33' N, 169° W	Dutch Harbor 58° 33' N, 156° W	Kodiak 58° 33' N, 156° W
Hour of Observation																	
Atm. Pressure (Red in m.m. and 31.6 in in.)	05.7	04.2	06.4	08.2	09.3	06.1	07.4	07.0	08.0	03.7	06.0	03.0	07.1	15.9	23.3	14.5	05.7
Air Temperature (in C)	32	26	32	28	26	27	30	28	29	26	33	32	27	-	-	12	10
Direction and Force of Winds (0-12)	NE 3	S 4	- 1	ESE 2	SE 5	- 1	ENE 3	E 2	ENE 3	E 1	SSE 2	SE 2	WSW 3	E 4	E 6	calm	NE 2
Weather	cloudy	fair	fair	clear	cloudy	rain	cloudy	cloudy	fair	fair	cloudy	fair	cloudy	fair	clear	clear	rain

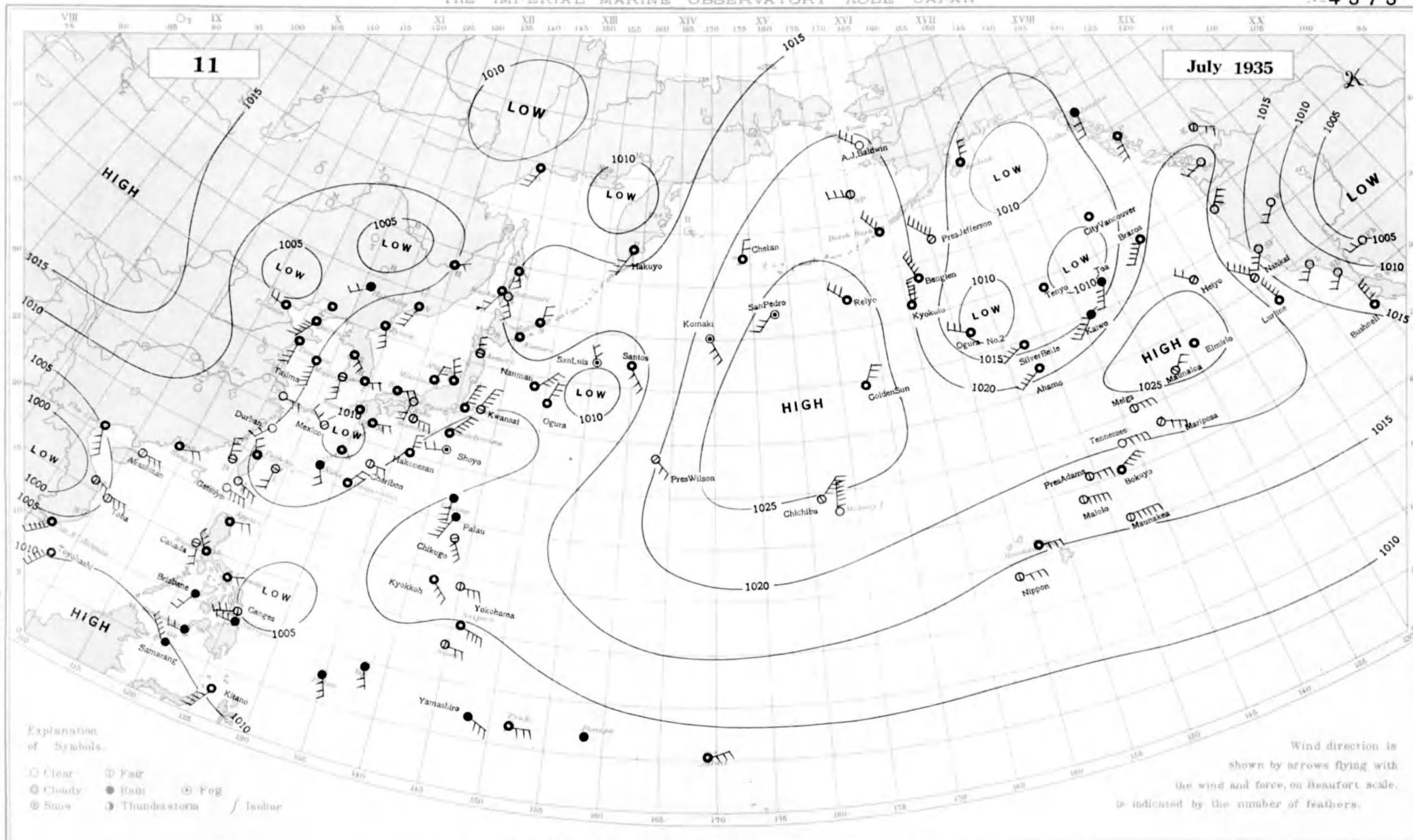
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 4575

北太平洋天氣圖



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.

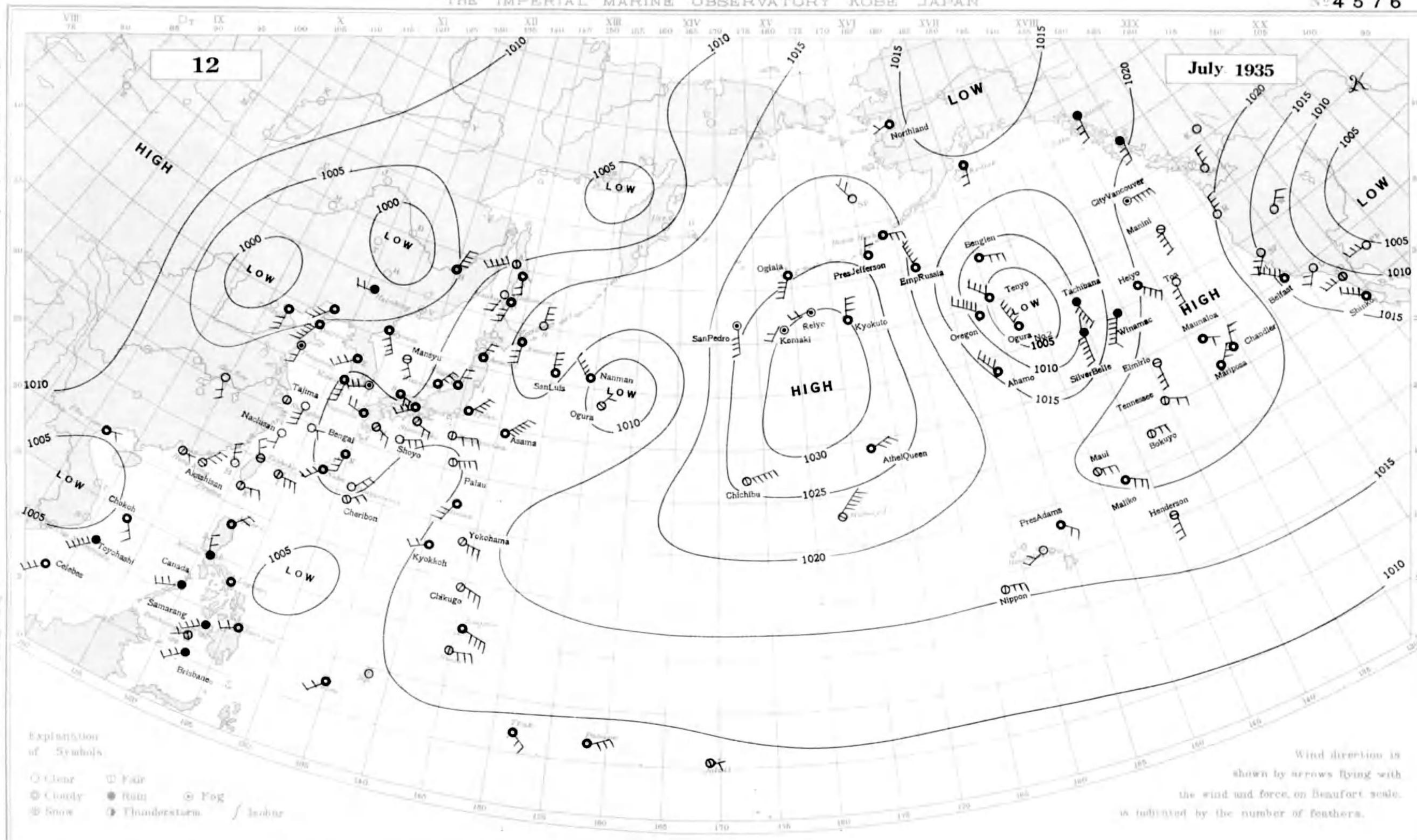
Station	Tsushima	Naha	Onagurajima	Nagasaki	Shimonaki	Kobe	Tyōsai	Hatidyōsima	Tsushima	Wajima	Aomori	Nemuro	Otomari	Mopu	Zyōsai	Dairen	Hanking
Hour of Observation	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E
Atm. Pressure (Red to sea level and 30 in) (mb)	10.4	10.9	10.1	11.1	11.3	10.7	13.3	09.9	11.5	13.1	13.7	15.4	14.0	11.9	13.7	07.5	09.5
Air Temperature (in C)	32	27	28	27	27	29	19	23	25	24	23	16	12	26	20	25	22
Direction and Force of Winds (0-12)	NW 2	SE 2	NNE 2	- 1	E 3	S 2	NNE 5	NE 5	S 3	NNE 2	NNW 2	- 1	SSE 3	SSE 3	SSE 3	SSW 5	SW 2
Weather	cloudy	rain	cloudy	cloudy	fair	clear	cloudy	cloudy	rain	cloudy	fair	cloudy	cloudy	fair	cloudy	cloudy	rain
Station	Tientsin	Tsingtau	Shanghai	Hankow	Saipan	Palau	Truk	Ponape	Jaluit	Hongkong	Manila	Phu Lien	Surigao	Honolulu	Midway I.	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	8 ^h	10 ^h	14 ^h	10 ^h	14 ^h	14 ^h	14 ^h	14 ^h	14 ^h
Atm. Pressure (Red to sea level and 30 in) (mb)	06.7	08.2	09.3	-	09.3	09.2	07.5	08.3	08.3	07.4	07.8	06.1	08.0	14.5	22.0	17.9	10.5
Air Temperature (in C)	25	25	32	-	29	24	30	27	28	-	30	28	25	27	-	10	10
Direction and Force of Winds (0-12)	W 2	S 3	E 2	-	ESE 4	SSE 3	E 3	calm	ENE 3	ENE 2	NW 3	SSE 4	W 3	E 3	N 6	NW 4	N 3
Weather	cloudy	cloudy	clear	-	cloudy	rain	cloudy	rain	cloudy	cloudy	cloudy	cloudy	rain	fair	clear	cloudy	cloudy

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No 4 5 7 6

北太平洋天氣圖



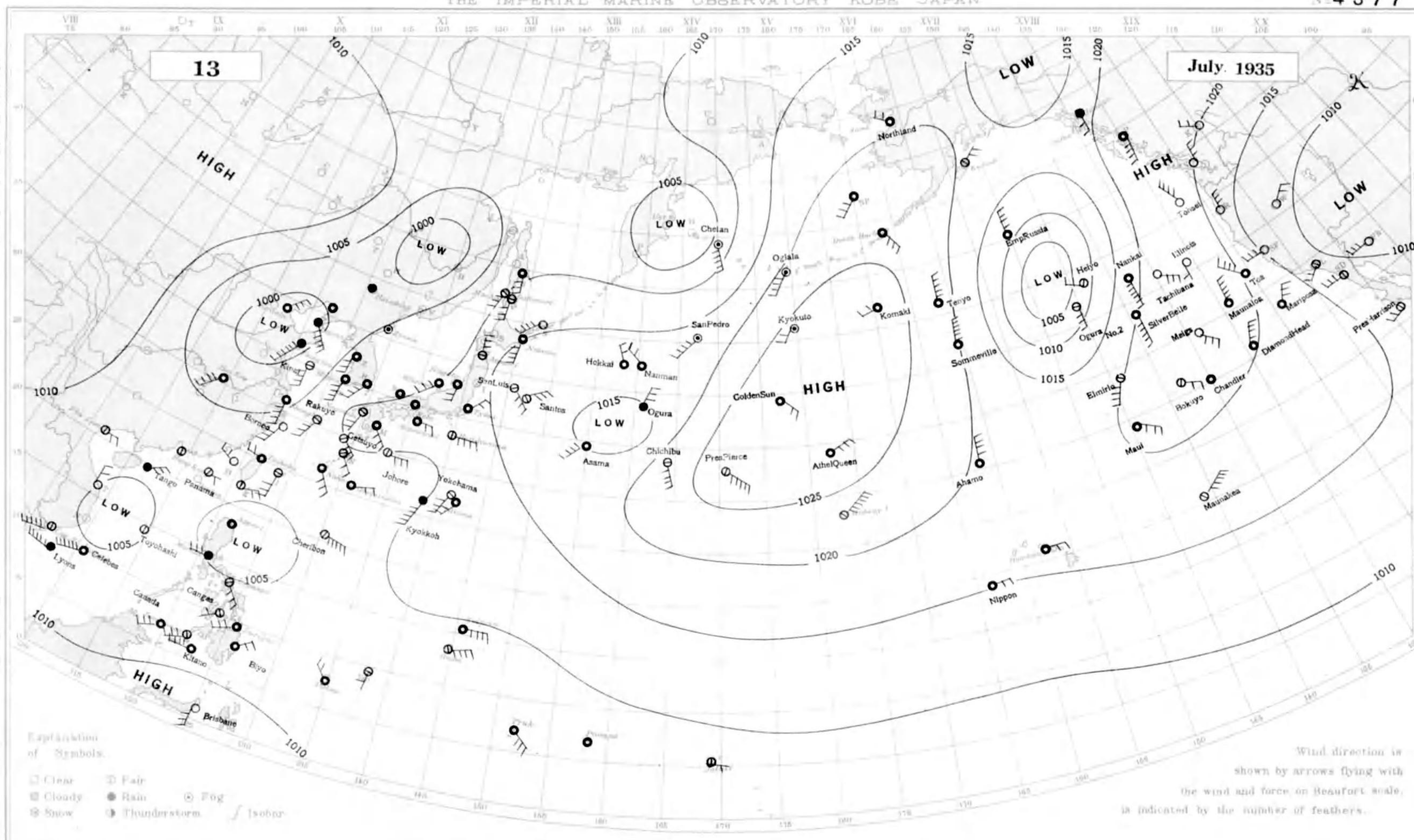
Station	Taihoku 12° 135 E	Naha 12° 145 E	Oosarizima 12° 155 E	Nagasaki 12° 135 E	Siomasaki 12° 135 E	Kobe 12° 135 E	Tyōki 12° 135 E	Haidyōsima 12° 135 E	Tiōsima 12° 135 E	Wanma 12° 135 E	Asomori 12° 135 E	Nemuro 12° 135 E	Otosuiri 12° 135 E	Moppo 12° 135 E	Zyōsu 12° 135 E	Dairen 12° 135 E	Hankang 12° 135 E
Station	Tientsin 12° 135 E	Tsingtau 12° 135 E	Shanghai 12° 135 E	Hankow 12° 135 E	Saipan 12° 135 E	Palau 12° 135 E	Tiur 12° 135 E	Ponape 12° 135 E	Jaluit 12° 135 E	Hongkong 12° 135 E	Manila 12° 135 E	Phu Lueh 12° 135 E	Sarikoo 12° 135 E	Honolulu 12° 135 E	Midway I. 12° 135 E	Dutch Harbor 12° 135 E	Kodiak 12° 135 E
Hour of Observation	09.0	10.1	10.4	11.3	11.9	11.3	14.1	11.9	11.3	11.1	13.1	15.1	13.3	10.3	07.8	07.0	02.9
Atm. Pressure (Red sea level and Wet or) mb	32	28	28	28	26	29	20	25	29	25	21	15	15	26	21	27	23
Air Temperature (in C)	NW 2	SW 3	NE 2	WNW 2	ESE 2	SW 3	NE 4	ENE 4	SSW 3	NE 3	NNE 2	S 3	SSW 3	S 3	SSE 4	SSW 5	W 2
Direction and Force of Winds (0-12)	fair	cloudy	clear	cloudy	fair	cloudy	cloudy	fair	cloudy	fog	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	rain
Weather	cloudy	fog	fair	clear	cloudy	cloudy	cloudy	cloudy	cloudy	fair	rain	cloudy	cloudy	cloudy	fair	cloudy	cloudy

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No. 4577

北太平洋天氣圖



Station	Taihoku 12° 135 E	Naha 12° 135 E	Oosayama 12° 135 E	Nagasaki 12° 135 E	Simsuiki 12° 135 E	Kobe 12° 135 E	Tyosai 12° 135 E	Hatidyosima 12° 135 E	Tsuzima 12° 135 E	Wazima 12° 135 E	Aomori 12° 135 E	Nemuro 12° 135 E	Otonari 12° 135 E	Moppo 12° 135 E	Zyosin 12° 135 E	Dairen 12° 135 E	Hankow 12° 135 E
Station	Tientsin 12° 135 E	Tsingtau 12° 135 E	Shanghai 12° 135 E	Hankow 12° 135 E	Saipan 12° 135 E	Palau 12° 135 E	Truk 12° 135 E	Ponape 12° 135 E	Jaluit 6h	Hongkong 10h	Munja 14h	Phu-Lien 10h	Surisco 14h	Honolulu 10h	Midway I. 10h	Dutch Harbor 10h	Kodiak 10h
Hour of Observation																	
Atm. Pressure (ft to sea l. and 5/4 to 1/2)	06.9	09.3	09.7	10.4	12.0	11.7	13.6	12.2	12.8	10.0	11.1	15.8	10.3	06.7	06.3	99.5	01.0
Air Temperature (in C)	32	29	28	29	25	24	22	25	30	27	23	16	19	30	20	22	25
Direction and Force of Winds (0-12)	W 2	SE 3	ENE 2	SSW 2	E 2	- 1	NE 2	E 4	SSW 2	SW 3	N 3	SSW 4	S 3	S 4	- 1	SE 5	- 1
Weather	cloudy	cloudy	cloudy	fair	cloudy	cloudy	cloudy	fair	cloudy	cloudy	fair	cloudy	fair	cloudy	fog	rain	rain
Station	Tientsin 12° 135 E	Tsingtau 12° 135 E	Shanghai 12° 135 E	Hankow 12° 135 E	Saipan 12° 135 E	Palau 12° 135 E	Truk 12° 135 E	Ponape 12° 135 E	Jaluit 6h	Hongkong 10h	Munja 14h	Phu-Lien 10h	Surisco 14h	Honolulu 10h	Midway I. 10h	Dutch Harbor 10h	Kodiak 10h
Hour of Observation																	
Atm. Pressure (ft to sea l. and 5/4 to 1/2)	98.9	97.9	04.2	02.4	09.5	09.0	08.0	09.0	09.3	06.0	05.0	06.4	08.8	15.2	21.3	22.0	15.9
Air Temperature (in C)	25	22	33	34	29	27	28	26	29	27	29	31	31	27	-	10	16
Direction and Force of Winds (0-12)	NE 3	SSW 6	S 4	SW 4	E 4	NW 2	SE 3	- 1	ESE 1	calm	W 3	E 2	WSW 3	E 2	NE 6	SE 3	NE 2
Weather	cloudy	rain	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	fair	fair	rain	fair	cloudy	cloudy	fair	cloudy	fair

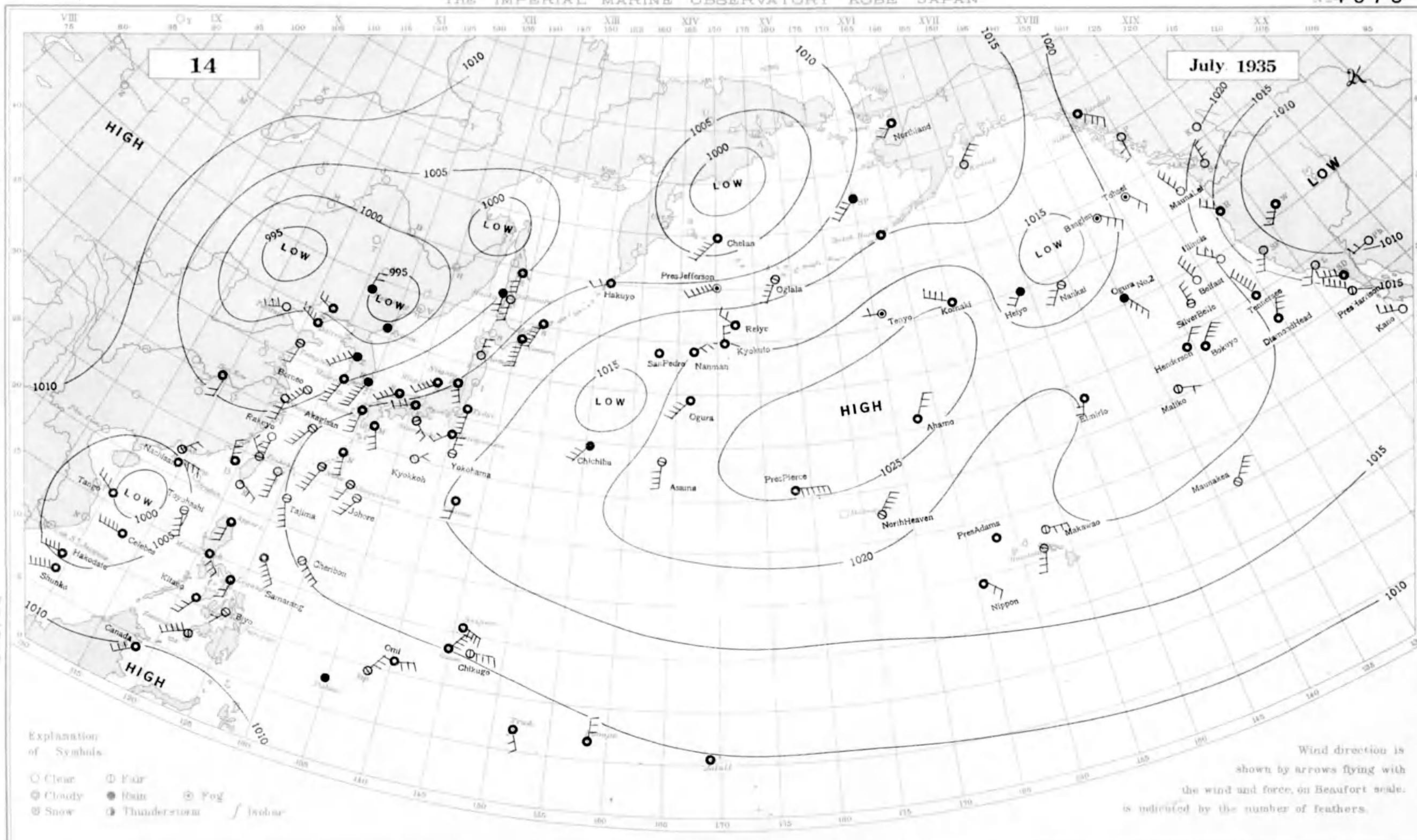
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№4578

北太平洋天氣圖



Explanation of Symbols

- ☉ Clear
- ☁ Cloudy
- ☂ Snow
- ☉ Fair
- ☉ Rain
- ☉ Fog
- ☉ Thunderstorm
- Isotherm

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

Station	Taihoku 12°N, 135°E	Naha 12°N, 135°E	Onagurijima 12°N, 135°E	Nagasaki 12°N, 135°E	Simi-saki 12°N, 135°E	Kobe 12°N, 135°E	Tyōsai 12°N, 135°E	Hatayama 12°N, 135°E	Tsushima 12°N, 135°E	Wajima 12°N, 135°E	Aomori 12°N, 135°E	Nemuro 12°N, 135°E	Ootomari 12°N, 135°E	Moppe 12°N, 135°E	Zyōsin 12°N, 135°E	Dairen 12°N, 135°E	Hsinking 12°N, 135°E
Hour of Observation																	
Atm. Pressure (Red to in. & 30 to 0.9 mb)	07.0	11.0	12.6	11.1	13.6	12.8	13.6	14.4	15.7	09.6	09.3	13.3	07.3	04.8	96.0	00.4	95.0
Air Temperature (in C)	34	30	30	27	27	29	27	28	31	29	21	16	16	28	19	27	22
Direction and Force of Winds (0-12)	NW 2	SSW 4	SSW 2	S 3	SE 2	WSW 3	S 4	SW 2	S 2	SW 5	N 2	SSW 5	S 3	SSW 5	- 1	WNW 4	N 2
Weather	clear	fair	fair	cloudy	fair	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	rain	cloudy	rain
Station	Tientsin 12°N, 135°E	Tsingtau 12°N, 135°E	Shanghai 12°N, 135°E	Hankow 12°N, 135°E	Saipati 12°N, 135°E	Palau 12°N, 135°E	Truk 12°N, 135°E	Ponape 12°N, 135°E	Jaluit 12°N, 135°E	Hongkong 10°N	Manila 14°N	Phi-Liu 10°N	Surigo 14°N	Honolulu 19°N, 155°W	Midway I. 30°N, 155°W	Dutch Harbor 58°N, 155°W	Kodiak 58°N, 155°W
Hour of Observation																	
Atm. Pressure (Red to in. & 30 to 0.9 mb)	99.9	02.4	04.6	04.6	10.3	09.2	09.5	09.5	11.5	05.0	07.4	-	08.4	15.9	21.3	14.5	12.5
Air Temperature (in C)	30	28	35	35	28	24	29	30	28	28	32	-	31	27	-	14	16
Direction and Force of Winds (0-12)	WSW 3	S 2	S 3	S 2	ESE 4	- 1	SSE 2	N 3	calm	NE 2	SE 3	-	calm	S 3	-	calm	NE 3
Weather	clear	fair	clear	cloudy	cloudy	rain	cloudy	cloudy	fair	fair	cloudy	-	clear	fair	-	cloudy	clear

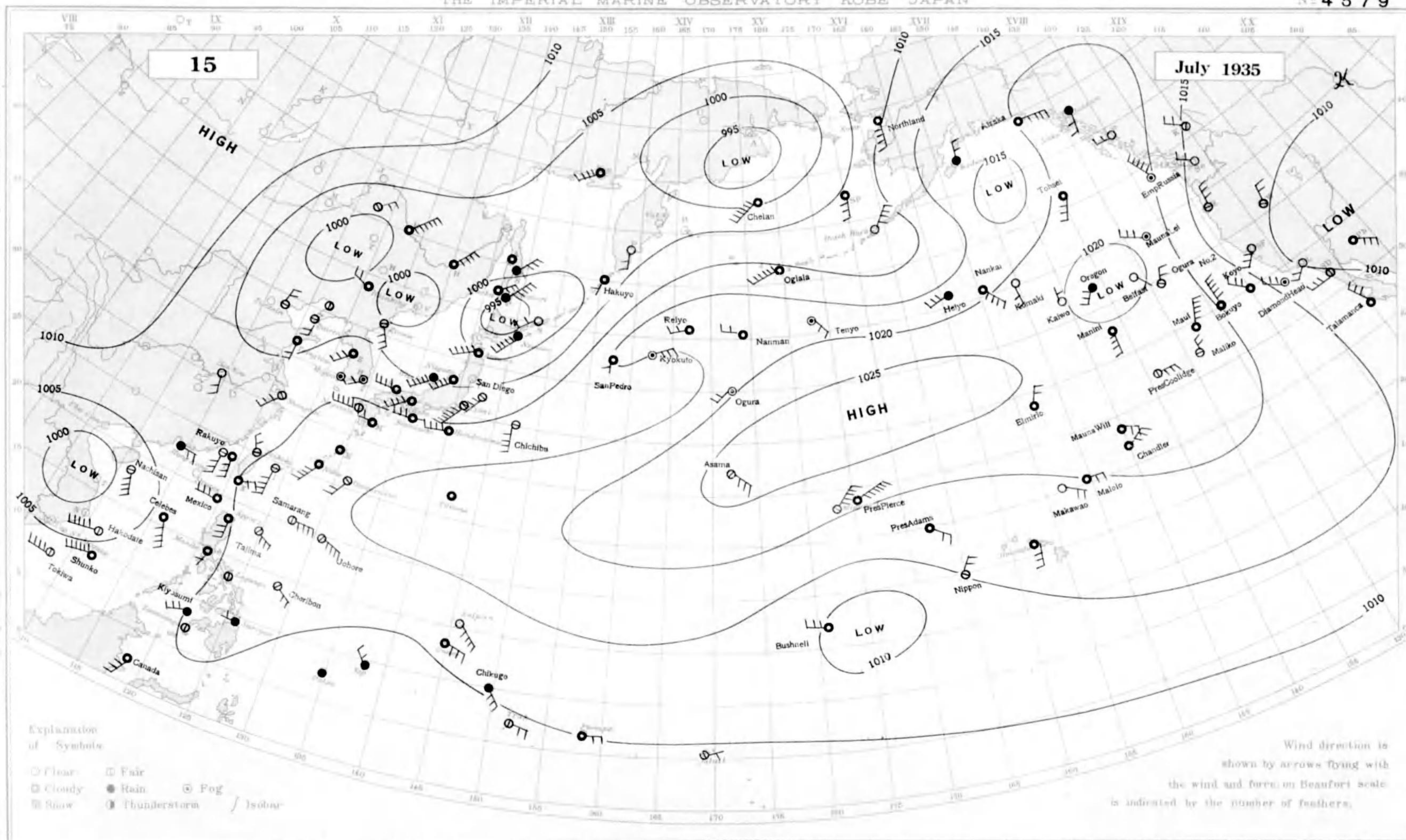
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 4579

北太平洋天氣圖



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	Tatohki 12° 135 E	Naha 12° 135 E	Ogasterima 12° 135 E	Nagasaki 12° 135 E	Somotsaki 12° 135 E	Kobe 12° 135 E	Tyōsi 12° 135 E	Hatidyōsima 12° 135 E	Tsuzima 12° 135 E	Wajima 12° 135 E	Aomori 12° 135 E	Nemuro 12° 135 E	Dotonari 12° 135 E	Mopu 12° 135 E	Zyōsai 12° 135 E	Dairen 12° 135 E	Hanking 12° 135 E
Station	Tientsin 12° 135 E	Tsingtau 12° 135 E	Shanghai 12° 135 E	Hankow 12° 135 E	Saipan 12° 135 E	Palau 12° 135 E	Truk 12° 135 E	Ponape 12° 135 E	Jaluit 10°	Hongkong 10°	Manila 14°	Yokohama 10°	Surigao 14°	Honolulu 19° 155 E	Midway I. 20° 155 E	Dutch Harbor 20° 155 E	Kodiak 20° 155 E
Hour of Observation																	
Atm. Pressure (Red to sea) and 3600 ft. (in)	09.3	13.0	14.6	10.1	10.0	08.8	05.9	11.4	16.0	04.0	99.7	97.9	95.7	06.7	00.4	04.3	00.2
Air Temperature (in C)	33	29	30	29	28	27	25	28	31	29	27	16	14	27	23	28	26
Direction and Force of Winds (0-12)	NW 2	SSW 4	SSW 2	W 5	W 3	SW 4	SSW 6	WSW 4	- 1	SW 5	WSW 5	SW 5	NE 5	- 1	SSE 3	S 2	WNW 2
Weather	fair	cloudy	fair	fair	cloudy	cloudy	fair	cloudy	cloudy	rain	cloudy	rain	rain	fog	fair	fair	cloudy
Station	Tientsin 12° 135 E	Tsingtau 12° 135 E	Shanghai 12° 135 E	Hankow 12° 135 E	Saipan 12° 135 E	Palau 12° 135 E	Truk 12° 135 E	Ponape 12° 135 E	Jaluit 10°	Hongkong 10°	Manila 14°	Yokohama 10°	Surigao 14°	Honolulu 19° 155 E	Midway I. 20° 155 E	Dutch Harbor 20° 155 E	Kodiak 20° 155 E
Hour of Observation																	
Atm. Pressure (Red to sea) and 3600 ft. (in)	04.0	04.0	06.7	06.6	11.1	08.6	10.6	10.4	11.7	05.9	09.7	-	11.1	15.9	21.3	09.8	15.2
Air Temperature (in C)	33	31	35	36	29	25	29	31	27	27	29	-	25	26	-	12	11
Direction and Force of Winds (0-12)	N 2	S 2	SW 3	SSE 2	SE 4	- 1	ESE 2	E 2	ENE 1	E 2	SSW 1	-	W 1	S 3	NE 5	NE 4	N 2
Weather	fair	cloudy	fair	clear	cloudy	rain	fair	cloudy	fair	rain	cloudy	-	rain	cloudy	fair	clear	rain

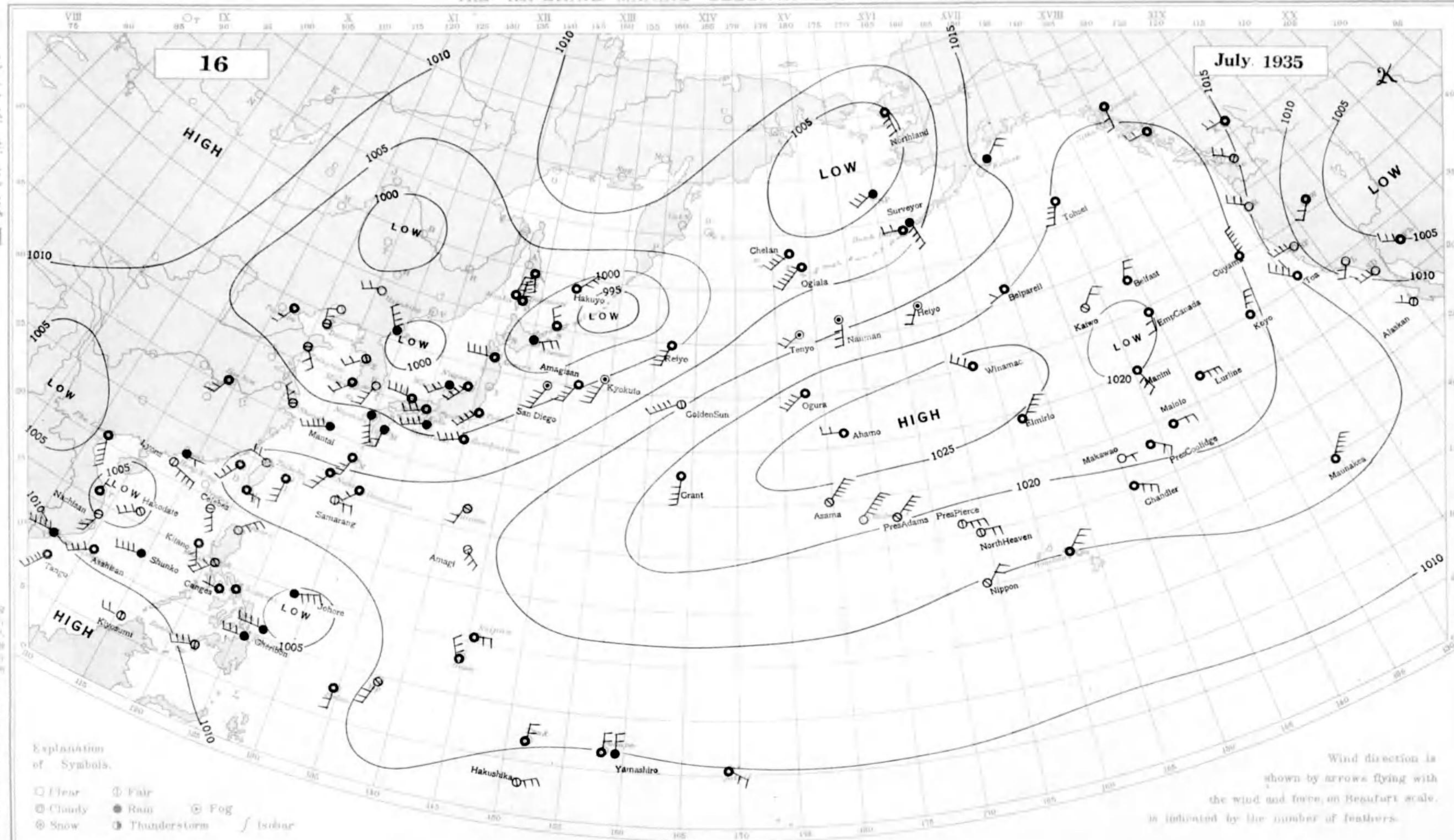
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№4580

北太平洋天氣圖



海
氣
象

Station	Taihoku 12° 135 E	Naha 12° 135 E	Osagorimon 12° 135 E	Nagasaki 12° 135 E	Siominsaki 12° 135 E	Kobe 12° 135 E	Tyōsi 12° 135 E	Hachiyōsima 12° 135 E	Tsushima 12° 135 E	Wakana 12° 135 E	Aomori 12° 135 E	Nemuro 12° 135 E	Otomari 12° 135 E	Moppo 12° 135 E	Zyōsai 12° 135 E	Dairen 12° 135 E	Hsinking 12° 135 E
Hour of Observation																	
Atm. Pressure (Red to m.s.l. and 30.0 in.)	10.3	11.5	12.2	06.0	03.8	03.7	01.3	05.7	14.0	01.5	00.2	96.6	02.4	04.3	99.1	04.6	01.5
Air Temperature (in C)	32	30	30	23	25	27	26	26	31	24	22	15	12	29	20	28	29
Direction and Force of Winds (0-12)	W 2	SSW 3	SW 2	SSE 4	WSW 4	WSW 3	SW 4	WSW 4	SSW 2	SW 3	W 4	ENE 3	N 3	SW 2	NNW 4	NNW 3	WSW 2
Weather	cloudy	cloudy	cloudy	rain	rain	cloudy	cloudy	cloudy	fair	rain	cloudy	rain	cloudy	cloudy	rain	fair	clear
Station	Tientsin 12° 135 E	Tsingtau 12° 135 E	Shanghai 12° 135 E	Hankow 12° 135 E	Saipan 12° 135 E	Palau 12° 135 E	Truk 12° 135 E	Ponape 12° 135 E	Jaluit 12° 135 E	Hongkong 10°	Manila 14°	Philippine 10°	Surigo 14°	Honolulu 19°	Midway I. 19°	French Frigate Shoals 19°	Kodiak 19°
Hour of Observation																	
Atm. Pressure (Red to m.s.l. and 30.0 in.)	04.7	04.4	06.4	07.5	11.3	09.7	10.7	10.6	12.2	09.6	09.3	06.1	09.5	13.9	20.0	06.4	17.3
Air Temperature (in C)	34	30	35	35	28	29	31	29	27	24	32	27	26	28	-	13	11
Direction and Force of Winds (0-12)	SSW 2	SE 2	NW 2	SSW 2	E 2	S 2	N 2	N 2	ESE 2	E 1	SW 3	SSE 5	W 3	NE 3	NE 6	W 2	NE 2
Weather	cloudy	fair	fair	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	rain	fair	cloudy	rain	cloudy	clear	cloudy	rain

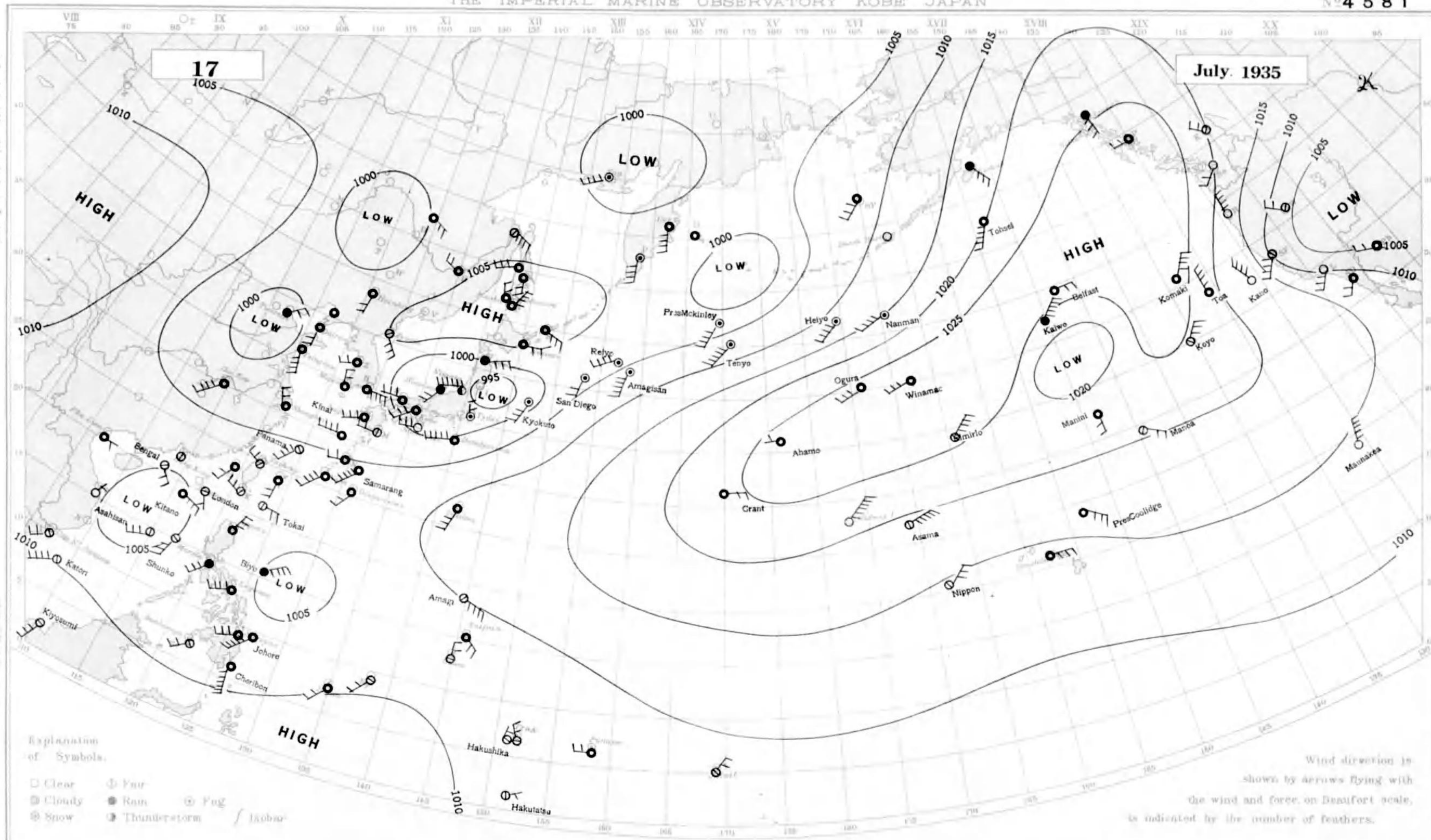
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4 5 8 1

北太平洋天氣圖



洋氣象

Station	Taihoku 12°N, 135°E	Naha 12°N, 135°E	Oosarizawa 12°N, 135°E	Nagasaki 12°N, 135°E	Stomaki 12°N, 135°E	Kobe 12°N, 135°E	Tyōki 12°N, 135°E	Hatayōsima 12°N, 135°E	Tsushima 12°N, 135°E	Wakana 12°N, 135°E	Amami 12°N, 135°E	Nemuro 12°N, 135°E	Otomari 12°N, 135°E	Moppe 12°N, 135°E	Zyōsin 12°N, 135°E	Dairen 12°N, 135°E	Hankang 12°N, 135°E
Atm. Pressure (Red to sea level and feet or inch)	06.4	07.0	07.9	01.6	99.0	99.0	98.0	01.7	11.3	99.3	00.6	06.7	08.6	02.3	05.0	02.1	00.7
Air Temperature (in C)	33	29	30	28	27	28	21	27	31	22	19	13	14	29	21	27	30
Direction and Force of Winds (0-12)	WNW 2	SW 4	SSW 2	WSW 3	W 3	SW 3	NNW 2	WSW 5	SSW 3	SSW 2	ENE 3	E 2	NE 4	NNW 2	SE 3	S 2	S 2
Weather	fair	cloudy	cloudy	cloudy	clear	cloudy	fog	cloudy	cloudy	rain	rain	cloudy	cloudy	cloudy	fair	cloudy	cloudy
Station	Tientsin 12°N, 135°E	Tsingtau 12°N, 135°E	Shanghai 12°N, 135°E	Hankow 12°N, 135°E	Saipan 12°N, 135°E	Palau 12°N, 135°E	Truk 12°N, 135°E	Ponape 12°N, 135°E	Jaluit 12°N, 135°E	Hongkong 10°N	Manila 14°N	Phu-Lien 10°N	Surigao 14°N	Honolulu 19°N, 155°W	Midway I. 19°N, 155°W	Dutch Harbor 19°N, 155°W	Kodiak 19°N, 155°W
Atm. Pressure (Red to sea level and feet or inch)	98.9	01.2	02.6	02.6	09.3	09.9	09.5	09.2	10.7	06.7	07.7	05.2	07.8	13.9	20.0	08.4	17.3
Air Temperature (in C)	23	27	35	35	29	29	32	26	28	27	27	25	29	28	-	13	10
Direction and Force of Winds (0-12)	NE 2	SSE 4	NW 2	SW 4	SE 2	SW 2	NNW 2	W 2	NE 2	calm	SW 3	E 1	WSW 3	E 3	NE 6	calm	SE 3
Weather	rain	cloudy	cloudy	cloudy	cloudy	cloudy	fair	cloudy	fair	fair	rain	cloudy	cloudy	cloudy	fair	clear	rain

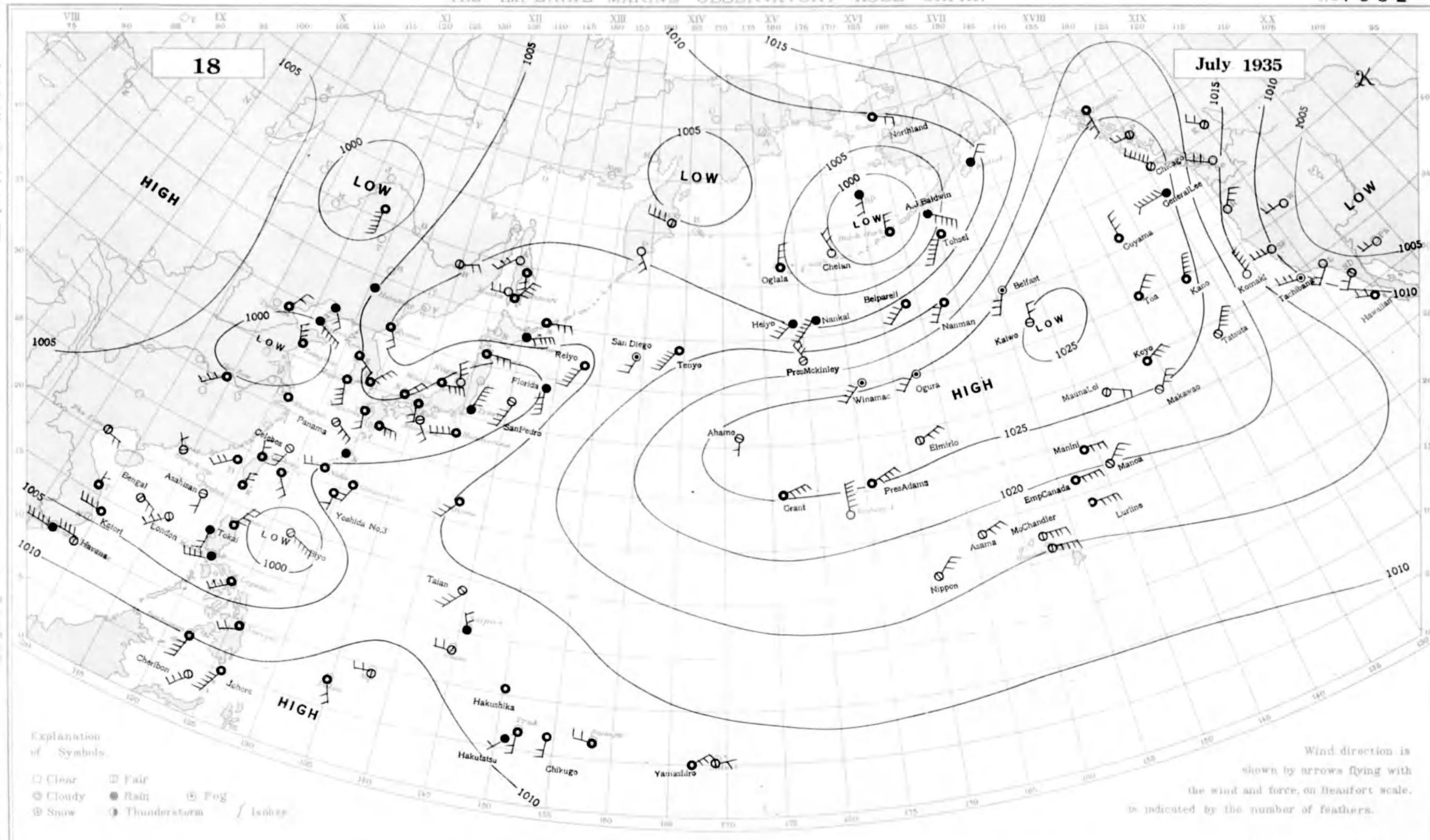
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№4 5 8 2

北太平洋天氣圖



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	Tsuhoku 12° 135 E	Saba 12° 135 E	Ogasawara 12° 145 E	Nagasaki 12° 135 E	Simisaki 12° 135 E	Kobe 12° 135 E	Tsuno 12° 135 E	Hachijima 12° 135 E	Tsuzima 12° 135 E	Wajima 12° 135 E	Aomori 12° 135 E	Nemuro 12° 135 E	Otomari 12° 135 E	Mopu 12° 135 E	Zyosin 12° 135 E	Dairen 12° 135 E	Hsinking 12° 135 E
Station Hour of Observation																	
Air Pressure (Red to sea level and 3300 ft) mb.	05.7	05.1	05.7	04.4	02.7	03.4	04.3	02.9	10.1	04.4	06.3	10.3	14.4	04.3	11.1	01.0	02.7
Air Temperature (in C)	33	29	30	27	28	27	18	27	31	22	20	9	12	24	18	22	25
Direction and Force of Winds (0-12)	NNW 2	WSW 2	SSW 2	SSE 2	SE 2	SSE 2	NNE 5	WSW 4	SW 3	N 2	E 3	ENE 5	NE 4	SSE 4	SE 2	ESE 5	- 1
Weather	cloudy	cloudy	cloudy	cloudy	fair	cloudy	rain	cloudy	cloudy	cloudy	rain	rain	cloudy	cloudy	cloudy	rain	rain
Station	Tientsin 12° 135 E	Tsingtau 12° 135 E	Shanghai 12° 135 E	Hankow 12° 135 E	Saipan 12° 135 E	Palau 12° 135 E	Truk 12° 135 E	Ponape 12° 135 E	Admiralty 10h	Hongkong 10h	Manila 14h	Phi Lien 10h	Surigao 14h	Honolulu 10h	Midway I. 10h	Dutch Harbor 10h	Kodiak 10h
Station Hour of Observation																	
Air Pressure (Red to sea level and 3300 ft) mb.	00.4	99.7	02.0	01.0	09.6	10.4	10.0	08.8	10.1	04.7	06.9	04.2	08.6	14.5	20.6	96.9	09.8
Air Temperature (in C)	26	28	32	35	28	29	28	30	28	26	27	28	30	28	-	14	10
Direction and Force of Winds (0-12)	NNE 2	NW 3	- 1	SW 3	NW 2	SSE 2	S 2	WNW 2	ENE 1	NW 1	WSW 4	E 2	WSW 2	E 4	N 6	N 2	NE 2
Weather	cloudy	cloudy	cloudy	cloudy	rain	cloudy	cloudy	cloudy	fair	fair	rain	fair	cloudy	fair	clear	cloudy	rain

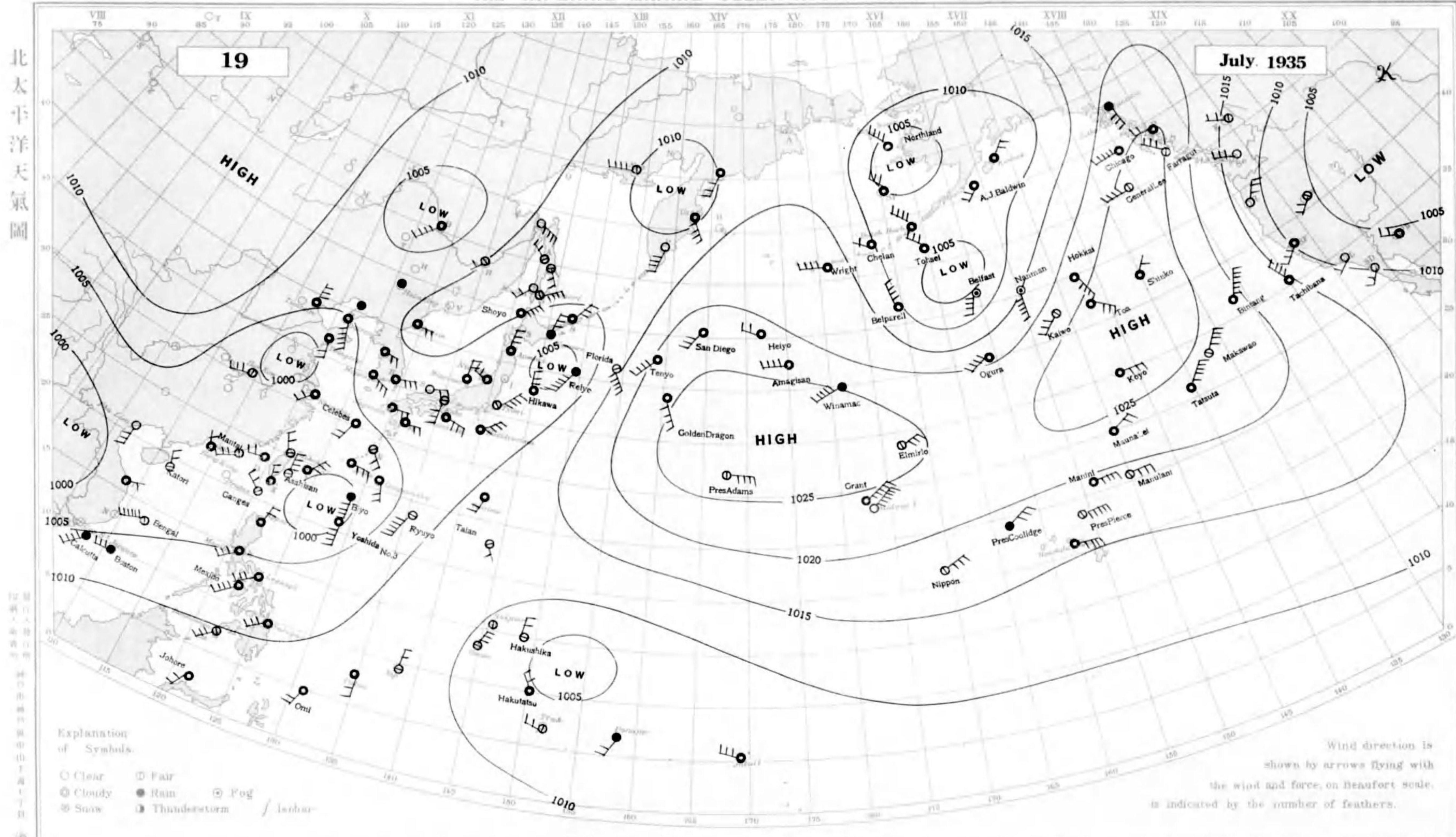
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4583

北太平洋天氣圖



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	Taihoku 12° 13' N, 135° E	Naha 12° 13' N, 135° E	Osacarizima 12° 14' N, 143° E	Nagasaki 12° 13' N, 135° E	Siomotsu 12° 13' N, 135° E	Kobe 12° 13' N, 135° E	Tyōsai 12° 13' N, 135° E	Hatidyōsima 12° 13' N, 135° E	Titiyama 12° 13' N, 135° E	Wakama 12° 13' N, 135° E	Aomori 12° 13' N, 135° E	Nemuro 12° 13' N, 135° E	Otomari 12° 13' N, 135° E	Mopu 12° 13' N, 135° E	Zyōsai 12° 13' N, 135° E	Dairen 12° 13' N, 135° E	Hanking 12° 13' N, 135° E
Station Hour of Observation																	
Atm. Pressure (red to sea) and (red to land) mb.	03.0	03.8	04.7	05.6	06.6	07.3	09.9	07.4	10.3	08.7	09.1	08.7	13.7	06.0	13.5	04.0	06.4
Air Temperature (in C)	33	30	30	28	27	27	20	26	30	24	22	10	16	26	20	21	21
Direction and Force of Winds (0-12)	NW 2	E 3	SSE 2	E 2	ESE 3	S 3	NE 4	NE 4	SSW 2	N 2	N 3	NNE 3	ENE 4	ESE 3	E 2	SSE 5	- 1
Weather	fair	cloudy	cloudy	cloudy	cloudy	fair	fair	cloudy	cloudy	cloudy	cloudy	rain	fair	cloudy	cloudy	cloudy	rain
Station	Tientsin 12° 13' N, 135° E	Tsingtau 12° 13' N, 135° E	Shanghai 12° 13' N, 135° E	Hankow 12° 13' N, 135° E	Saipan 12° 13' N, 135° E	Palau 12° 13' N, 135° E	Truk 12° 13' N, 135° E	Ponape 12° 13' N, 135° E	Jaluit 8° N	Hongkong 10° N	Manila 14° N	Phi Lian 10° N	Surigao 14° N	Honolulu Molokai	Midway I. Midway	Dutch Harbor Midway	Kodiak Midway
Station Hour of Observation																	
Atm. Pressure (red to sea) and (red to land) mb.	05.2	01.9	00.6	01.0	09.9	11.0	08.7	09.2	09.6	03.4	07.1	03.0	09.0	14.5	20.6	07.8	04.4
Air Temperature (in C)	23	27	36	35	27	28	31	28	26	27	28	30	31	26	-	10	16
Direction and Force of Winds (0-12)	N 3	SSE 2	SW 2	WSW 3	- 1	S 2	WNW 2	SSW 2	WNW 3	NW 1	SW 3	S 3	SW 3	E 4	NE 6	NW 4	NE 2
Weather	cloudy	cloudy	cloudy	fair	fair	cloudy	fair	rain	cloudy	cloudy	cloudy	fair	cloudy	cloudy	clear	cloudy	cloudy

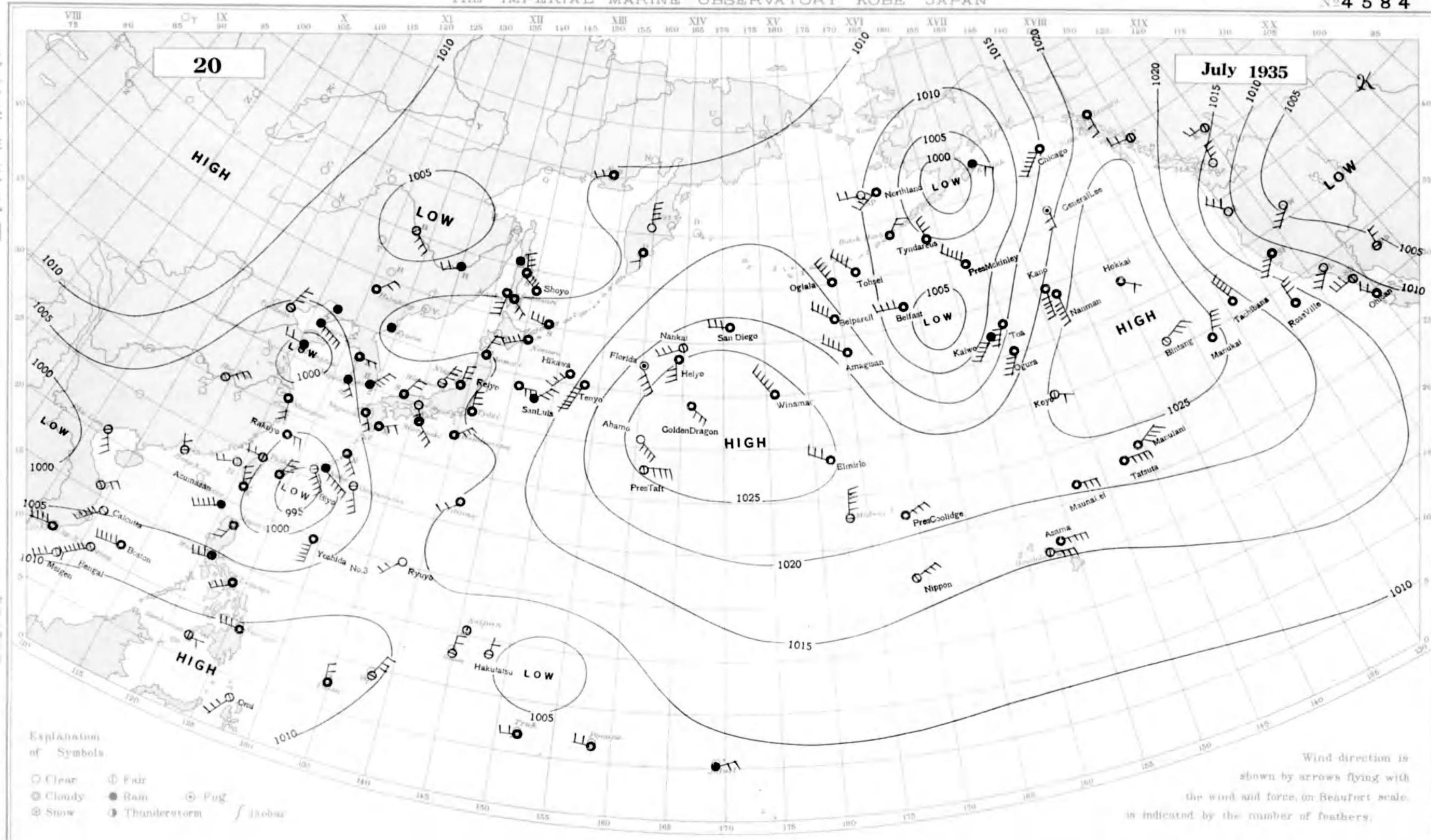
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 4584

北太平洋天氣圖



Explanation of Symbols

○ Clear ⊕ Fair
 ☁ Cloudy ● Rain ⊙ Fog
 ❄ Snow ⚡ Thunderstorm

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

Station	Taihoku	Naha	Oosurizima	Nagasaki	Simisaki	Kobe	Tyōsi	Funayōsima	Tiuzima	Wajima	Amori	Nemuro	Ootomari	Moppo	Zyōsin	Dairen	Hanking
Hour of Observation	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E
Atm. Pressure (Bar to sea level and Sea-Gr. hgt.)	00.6	99.4	03.7	05.1	08.3	07.4	11.8	09.0	10.1	08.8	10.0	12.0	10.1	04.6	10.7	04.4	06.6
Air Temperature (in C)	32	30	30	26	27	30	21	26	31	25	23	15	13	24	18	20	23
Direction and Force of Winds (0-12)	W 2	ESE 5	SSE 3	SE 2	SE 3	SSE 2	N 3	NE 3	SW 2	NE 3	NNE 2	WSW 4	SE 2	SE 2	- 1	ESE 5	NE 2
Weather	fair	rain	fair	cloudy	cloudy	clear	cloudy	cloudy	cloudy	fair	cloudy	cloudy	cloudy	rain	rain	rain	cloudy
Station	Tientsin	Tsingtau	Shanghai	Hankow	Saipan	Palau	Truk	Ponape	Jaluit	Hongkong	Manila	Phi-Lien	Surigao	Honolulu	Midway I.	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	0 ^h	10 ^h	11 ^h	10 ^h	14 ^h	0 ^h	0 ^h	0 ^h	0 ^h
Atm. Pressure (Bar to sea level and Sea-Gr. hgt.)	04.8	97.6	00.3	02.6	06.9	11.4	07.1	06.4	09.7	01.9	05.7	01.3	08.3	13.9	20.0	07.1	04.4
Air Temperature (in C)	27	25	31	30	28	27	29	30	25	27	26	31	32	28	-	10	10
Direction and Force of Winds (0-12)	NNE 3	W 2	SSE 2	NE 3	- 1	NNW 2	W 2	WNW 2	ENE 2	NW 1	WSW 3	SE 3	W 3	E 3	N 5	NE 2	SE 2
Weather	fair	rain	cloudy	fair	fair	cloudy	cloudy	cloudy	rain	fair	rain	fair	cloudy	fair	fair	cloudy	rain

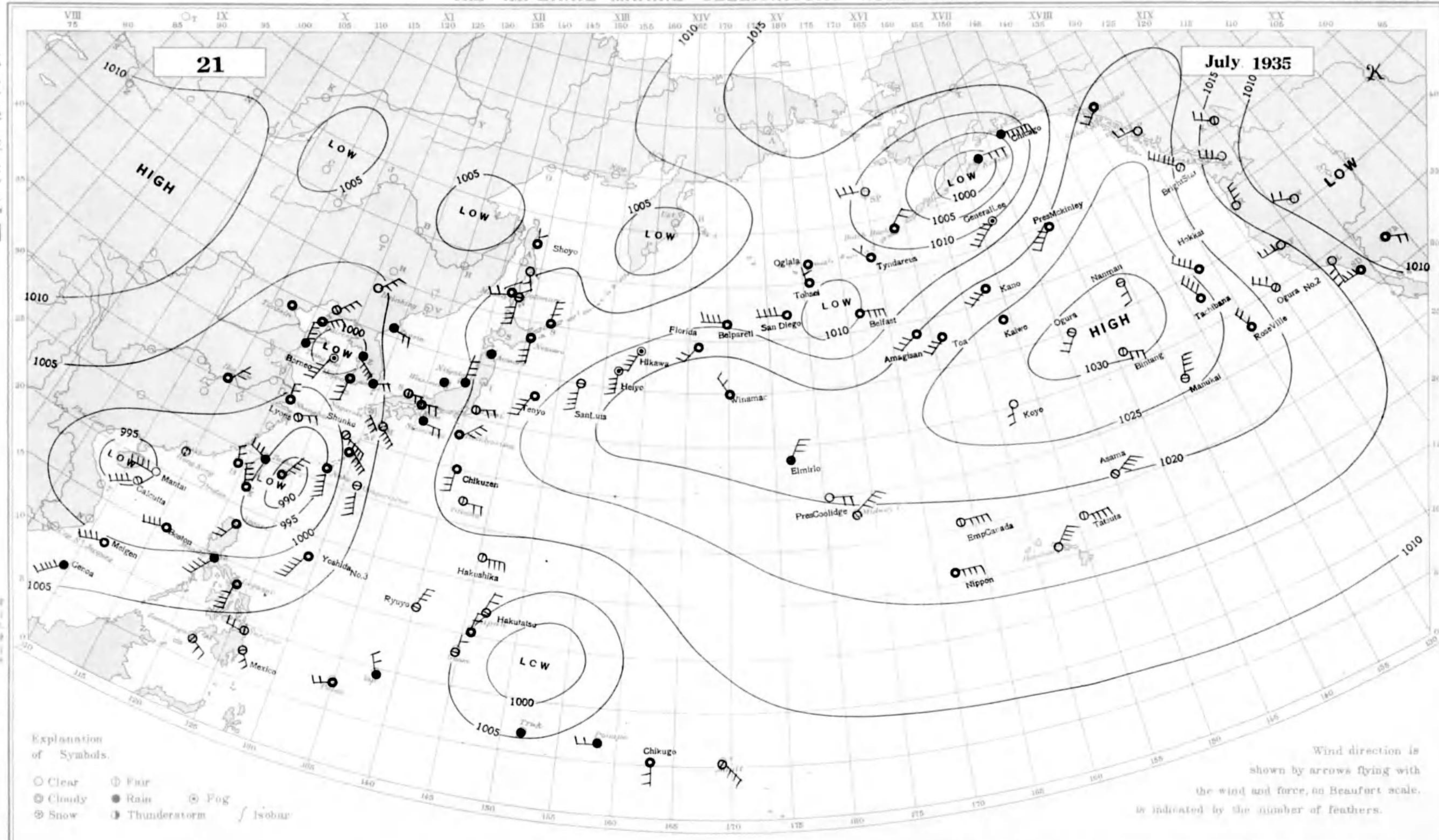
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№4585

北太平洋天氣圖



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	Taihoku	Naha	Osagrizima	Nago-saki	Sumisaki	Kobe	Tyōwi	Hatidyōsuma	Tihizima	Wazima	Aomori	Nemuro	Obumari	Moppo	Zyōsin	Dairen	Hanking
Hour of Observation	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E
Atm. Pressure (Red to m.s.) and Sur. Or. (in)	97.0	97.6	03.4	03.5	09.7	07.9	10.9	10.6	10.1	08.0	10.7	13.0	10.7	01.2	08.7	03.1	04.6
Air Temperature (in C)	28	26	30	29	24	29	25	28	31	23	20	15	17	30	18	22	26
Direction and Force of Winds (0-12)	WNW 3	SSE 5	SSE 4	SE 3	E 2	E 2	ENE 2	NE 3	E 2	- 1	- 1	S 3	S 4	S 3	E 2	NE 3	NE 3
Weather	rain	cloudy	fair	clear	rain	cloudy	fair	cloudy	fair	rain	rain	cloudy	fair	cloudy	rain	cloudy	clear
Station	Tientsin	Tsingtau	Shanghai	Hankow	Saipon	Palau	Truk	Ponape	duluit	Hongkong	Manila	Phu Lien	Surigao	Honolulu	Midway I.	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E	12 ^h , 135°E	10 ^h	10 ^h	14 ^h	10 ^h	14 ^h	14 ^h	14 ^h	14 ^h	14 ^h
Atm. Pressure (Red to m.s.) and Sur. Or. (in)	04.2	01.0	99.5	03.0	05.0	07.9	05.0	06.7	08.2	99.3	04.4	-	06.6	15.2	19.2	09.8	99.0
Air Temperature (in C)	24	22	31	28	29	30	25	24	27	28	25	-	32	28	-	9	11
Direction and Force of Winds (0-12)	- 1	N 4	N 2	NNE 2	N 2	WSW 2	- 1	W 2	SE 3	calm	SSW 4	-	W 2	NE 4	NE 4	NE 2	E 3
Weather	cloudy	rain	cloudy	cloudy	cloudy	cloudy	rain	rain	fair	fair	rain	-	fair	clear	fair	cloudy	rain

北太平洋天氣圖

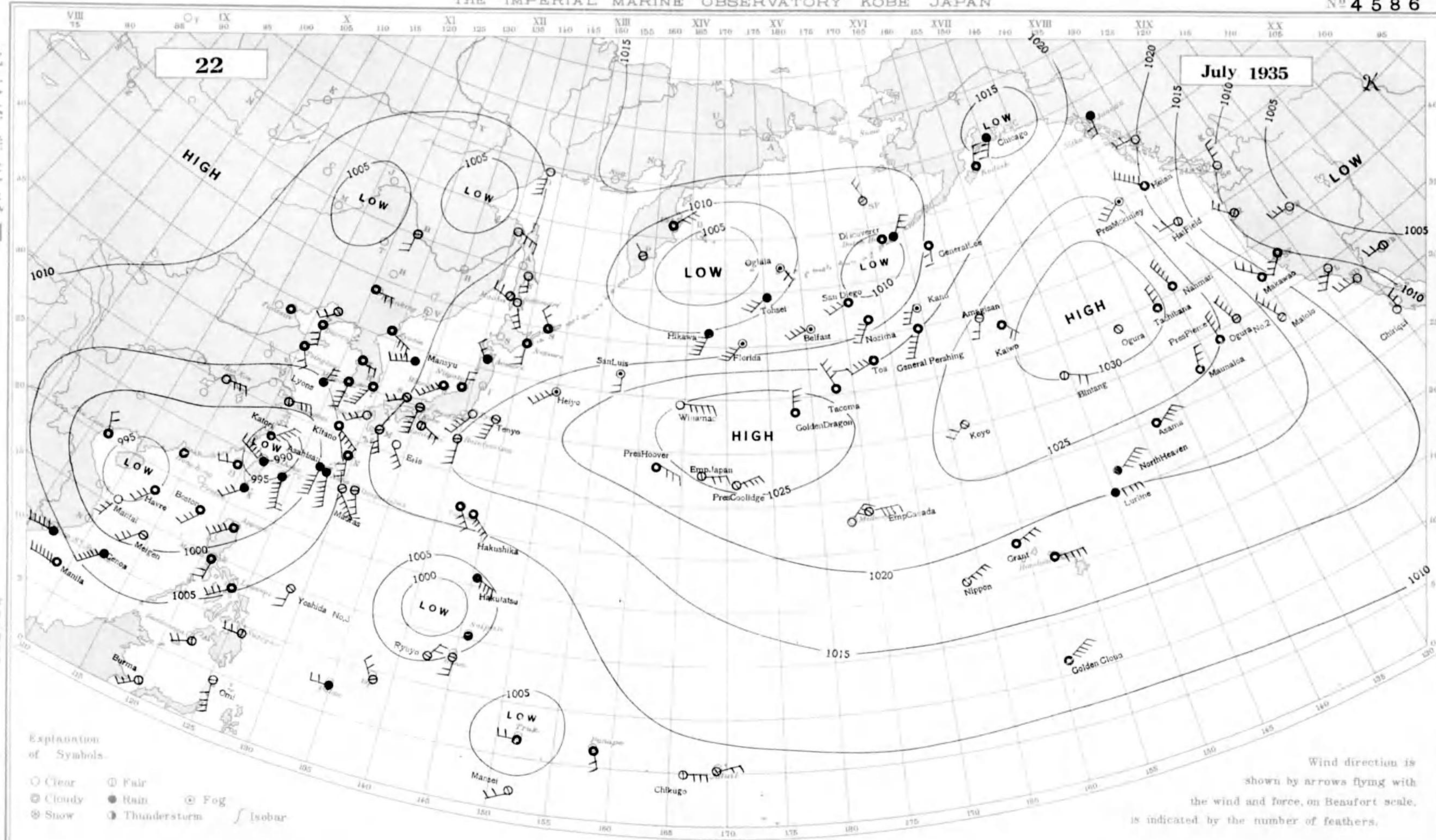
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 4586

北太平洋天氣圖



Station	Taihoju 12°N, 135°E	Naha 12°N, 135°E	Oonguruzima 12°N, 135°E	Nagasaki 12°N, 135°E	Siomaki 12°N, 135°E	Kobe 12°N, 135°E	Tyōsi 12°N, 135°E	Hatidyōsima 12°N, 135°E	Titi zima 12°N, 135°E	Wazima 12°N, 135°E	Aomori 12°N, 135°E	Nemuro 12°N, 135°E	Otomari 12°N, 135°E	Moppo 12°N, 135°E	Zyōsin 12°N, 135°E	Dairen 12°N, 135°E	Hsinking 12°N, 135°E
Hour of Observation																	
Atm. Pressure (Red to m.s.l. and Sea Dr) (mb)	90.1	03.5	08.7	09.2	13.7	13.0	13.9	15.3	11.5	11.0	11.9	14.1	13.0	06.0	08.4	07.9	06.0
Air Temperature (in C)	27	28	30	31	29	32	29	28	29	32	19	18	19	30	21	23	26
Direction and Force of Winds (0-12)	WNW 6	SSE 6	SSE 3	SW 3	ESE 2	S 4	SSW 4	S 3	SE 3	SW 5	NW 2	S 2	SSE 3	S 4	ESE 3	SSE 3	ENE 2
Weather	rain	rain	fair	clear	fair	fair	clear	fair	cloudy	cloudy	rain	cloudy	clear	cloudy	cloudy	cloudy	cloudy
Station	Tientsin 12°N, 135°E	Tsingtau 12°N, 135°E	Shanghai 12°N, 135°E	Hankow 12°N, 135°E	Saipan 12°N, 135°E	Palau 12°N, 135°E	Truk 12°N, 135°E	Ponape 12°N, 135°E	Jaluit 8°N	Hongkong 10°N	Manila 14°N	Phu-Lien 10°N	Surigao 14°N	Honolulu 19°N, 155°W	Midway I. 20°N, 155°W	Dutch Harbor 20°N, 155°W	Kodiak 20°N, 155°W
Hour of Observation																	
Atm. Pressure (Red to m.s.l. and Sea Dr) (mb)	07.0	06.4	02.6	04.0	04.7	08.3	04.8	06.7	09.7	99.7	05.5	99.4	07.1	15.9	20.6	14.5	16.6
Air Temperature (in C)	27	23	30	31	27	24	30	27	29	28	26	29	32	27	-	9	14
Direction and Force of Winds (0-12)	- 1	SE 2	ENE 2	ENE 3	calm	W 2	W 2	SSE 2	ENE 2	W 1	S 2	NNW 2	W 2	E 4	NE 3	NE 3	N 2
Weather	cloudy	cloudy	fair	clear	rain	rain	cloudy	cloudy	fair	cloudy	cloudy	cloudy	fair	cloudy	clear	rain	cloudy

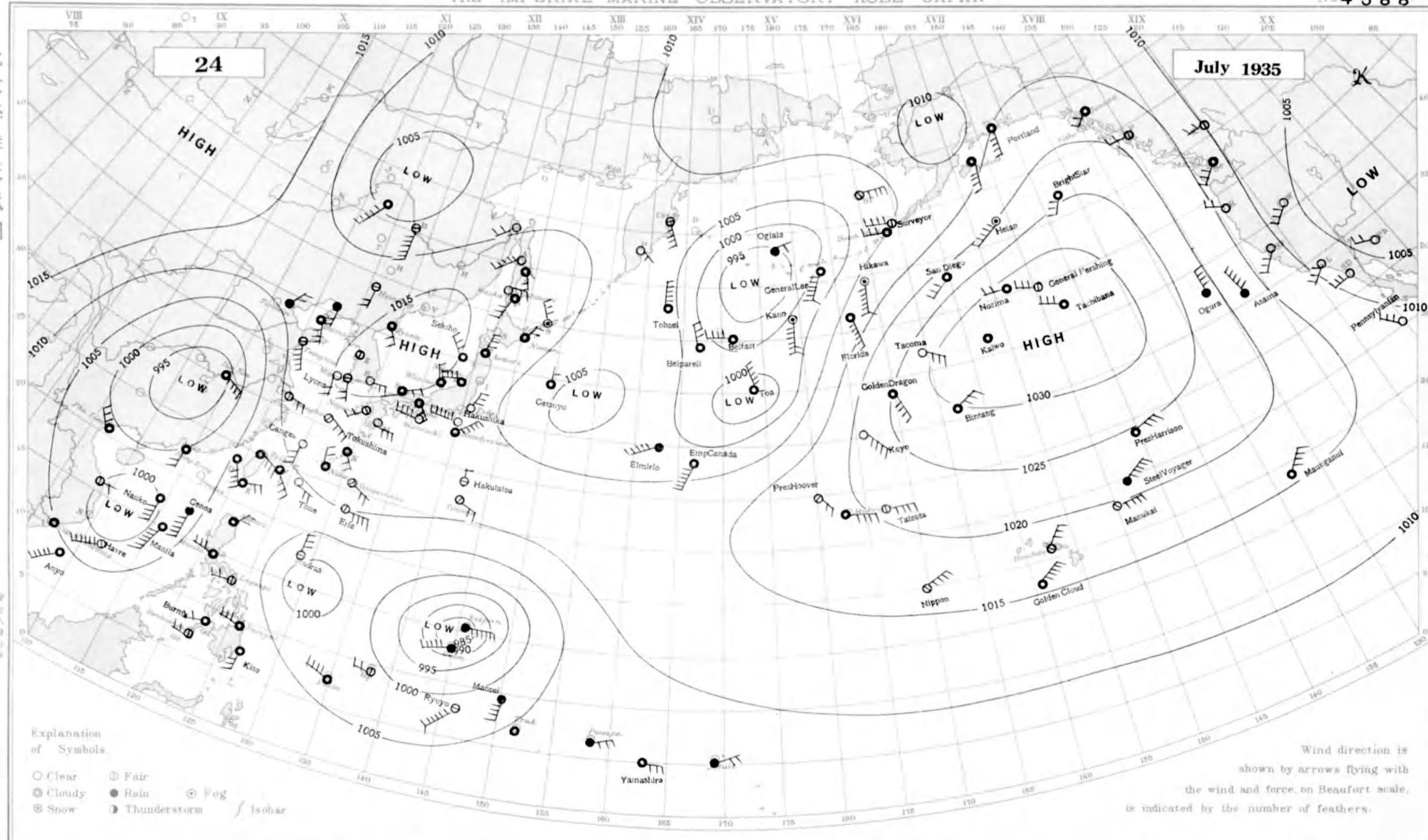
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 4588

北太平洋天氣圖



Explanation of Symbols
 ○ Clear ⊕ Fair
 ☁ Cloudy ● Rain ⊙ Fog
 ❄ Snow ⚡ Thunderstorm / Isotherm

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

Station	Taihoku 12 ^h , 135 E	Naha 12 ^h , 135 E	Onagurazima 12 ^h , 135 E	Nagasaki 12 ^h , 135 E	Siomisaki 12 ^h , 135 E	Kobe 12 ^h , 135 E	Tyosai 12 ^h , 135 E	Hatidyosima 12 ^h , 135 E	Titizima 12 ^h , 135 E	Wazima 12 ^h , 135 E	Aomori 12 ^h , 135 E	Nemuro 12 ^h , 135 E	Otomari 12 ^h , 135 E	Moppe 12 ^h , 135 E	Zyosin 12 ^h , 135 E	Dairen 12 ^h , 135 E	Hsinking 12 ^h , 135 E
Hour of Observation																	
Atm. Pressure (Red to sea and Surf Gr) mb.	06.1	10.0	10.4	14.0	12.0	13.2	11.0	11.9	12.2	15.7	12.4	13.5	14.0	15.3	15.9	14.1	11.1
Air Temperature (in C)	31	30	30	32	29	31	24	28	31	23	22	15	17	31	22	27	30
Direction and Force of Winds (0-12)	ESE 3	NNW 2	ESE 2	SW 2	W 4	SSE 2	NNE 3	NE 5	ESE 2	NNW 2	NNE 3	NE 2	SSW 3	SSE 2	SE 2	SSE 3	S 2
Weather	cloudy	cloudy	fair	fair	clear	cloudy	clear	cloudy	fair	cloudy	cloudy	cloudy	cloudy	fair	cloudy	cloudy	fair
Station	Tientsin 12 ^h , 135 E	Tsingtau 12 ^h , 135 E	Shanghai 12 ^h , 135 E	Hankow 12 ^h , 135 E	Saipan 12 ^h , 135 E	Palau 12 ^h , 135 E	Truk 12 ^h , 135 E	Ponape 12 ^h , 135 E	Jaluit 8 ^h	Hongkong 10 ^h	Manila 14 ^h	Phu-Lien 10 ^h	Surigao 14 ^h	Honolulu 14 ^h	Midway I. 14 ^h	Dutch Harbor 14 ^h	Kodiak 14 ^h
Hour of Observation																	
Atm. Pressure (Red to sea and Surf Gr) mb.	11.7	13.1	10.4	93.1	88.0	04.8	06.4	05.1	06.7	98.7	07.9	99.1	07.8	15.2	17.9	09.1	14.5
Air Temperature (in C)	23	27	31	33	24	28	30	27	27	27	29	28	31	28	-	14	10
Direction and Force of Winds (0-12)	NNE 2	SSE 5	E 2	ESE 4	E 6	WNW 4	- 1	ENE 3	ENE 2	S 2	W 3	NW 3	W 3	NE 3	E 4	W 3	S 4
Weather	rain	fair	fair	cloudy	rain	cloudy	cloudy	rain	rain	cloudy	cloudy	cloudy	cloudy	fair	cloudy	cloudy	cloudy

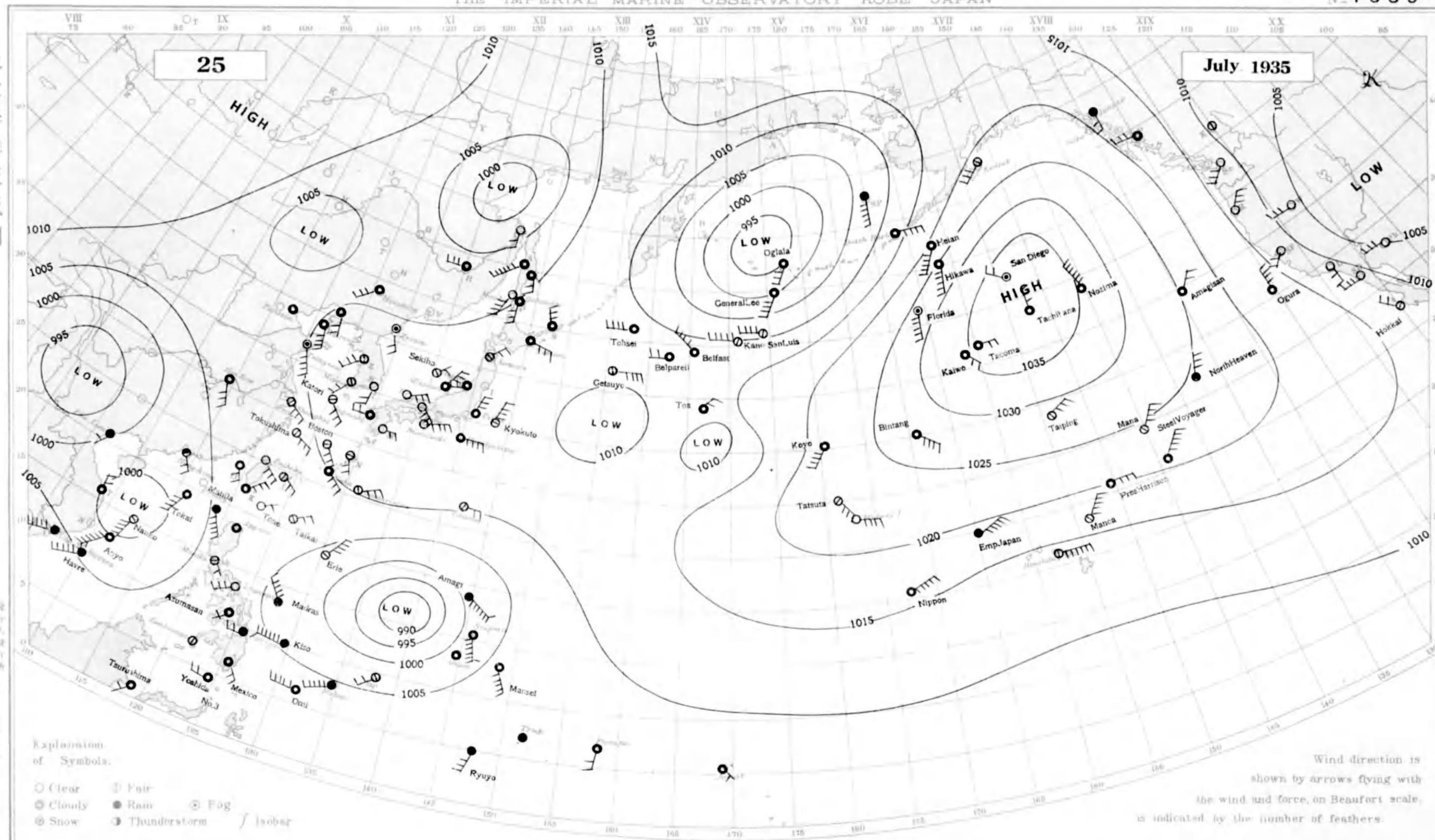
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4 5 8 9

北太平洋天氣圖



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	Tahoku	Naha	Osagorima	Sagasaki	Somotsuki	Kobe	Tyōsū	Hatidyōsima	Tsuzima	Wakana	Amori	Nemuro	Otomari	Moppo	Zyōsin	Dairen	Hsinking
Hour of Observation																	
Atm. Pressure (Red to 0.1 and 0.2) mb	07.5	10.1	10.1	12.4	11.3	12.0	13.5	11.1	10.4	14.1	13.3	14.0	11.3	12.7	12.2	11.3	07.4
Air Temperature (in °C)	33	30	30	30	28	29	23	25	31	23	24	14	15	29	23	25	27
Direction and Force of Winds (0-12)	ESE 3	ESE 3	ENE 3	W 2	ENE 4	SE 3	NNE 3	E 4	E 2	NE 3	NE 2	ESE 3	S 3	SSW 2	SSE 2	SSE 4	SW 3
Weather	clear	cloudy	fair	cloudy	clear	clear	cloudy	cloudy	fair	cloudy	fair	cloudy	cloudy	fair	fog	cloudy	cloudy
Station	Tientsin	Tsingtau	Shanghai	Hankow	Saipan	Palau	Truk	Ponape	Jaluit	Hongkong	Manila	Phu-Lien	Surigao	Honolulu	Midway I.	Dutch Harbor	Kodiak
Hour of Observation																	
Atm. Pressure (Red to 0.1 and 0.2) mb	07.1	09.3	09.7	05.7	01.0	05.3	07.3	07.1	08.3	02.0	09.1	98.7	09.3	14.5	18.6	13.9	20.6
Air Temperature (in °C)	25	27	31	32	26	24	27	26	27	27	24	24	26	28	-	18	17
Direction and Force of Winds (0-12)	- 1	SE 4	ESE 3	SSE 3	SSE 7	WSW 5	- 1	S 2	SE 1	SE 2	SE 1	SSW 1	W 2	E 6	E 4	E 4	SW 3
Weather	cloudy	fog	fair	cloudy	cloudy	rain	rain	cloudy	cloudy	rain	fair	rain	rain	fair	clear	cloudy	fair

北太平洋天氣圖

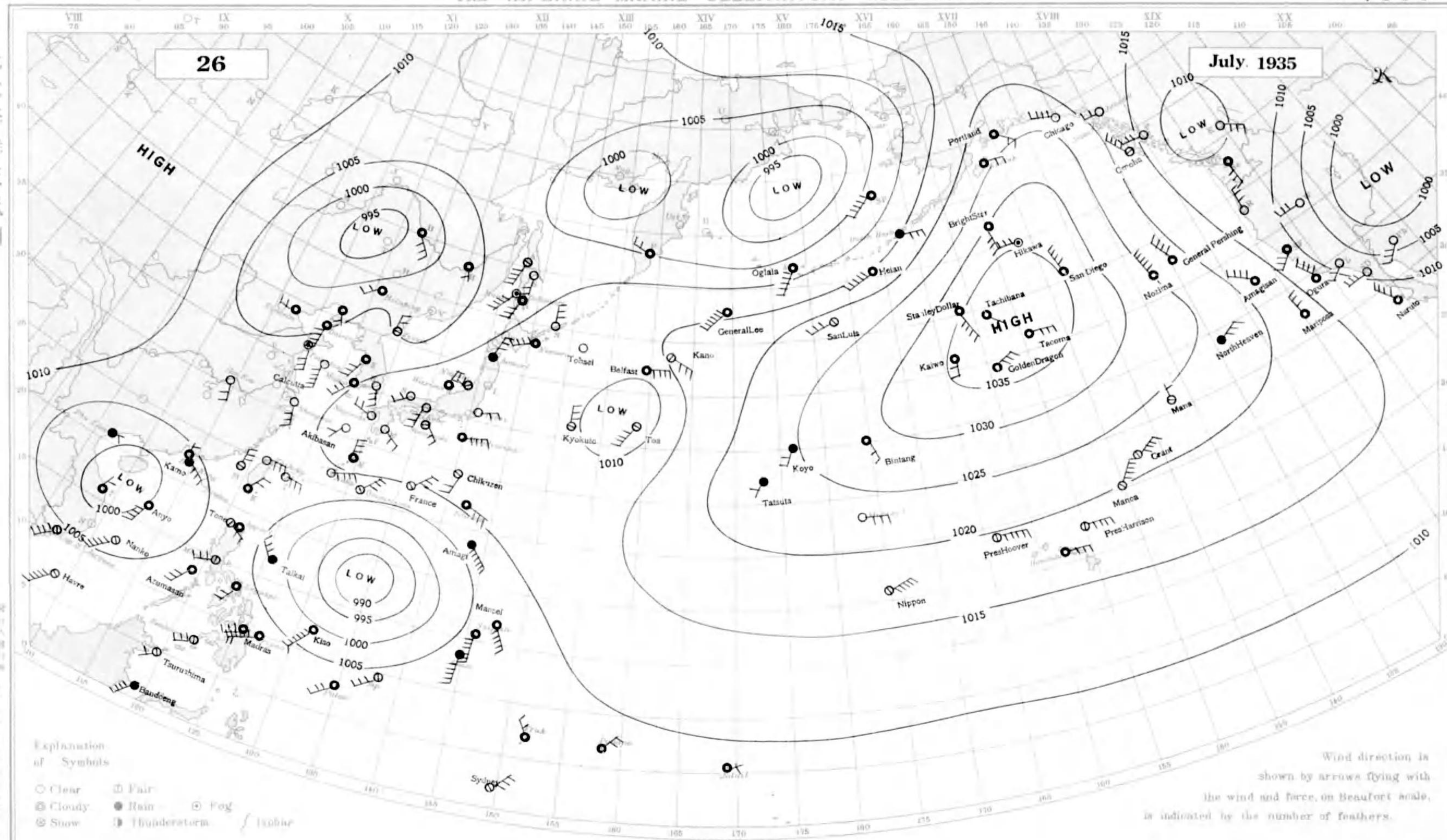
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 4590

北太平洋天氣圖



昭和十年七月二十六日
北太平洋天氣圖

Station	Tsukuba	Naha	Osagarizima	Nagasaki	Stomiaki	Kobe	Tyoe	Hatidyonima	Tiuzima	Wazima	Aomori	Nemuro	Dokuro	Moppo	Zyosin	Dairen	Hankow
Hour of Observation	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E
Atm. Pressure (Red in m.b. and 500 ft. in h.)	07.1	08.7	08.4	10.9	11.9	11.5	13.6	12.8	10.7	12.2	12.8	12.7	09.0	10.7	04.4	04.2	01.9
Air Temperature (in C)	34	30	29	31	28	31	22	26	32	25	23	16	20	31	22	23	26
Direction and Force of Winds (0-12)	E 3	ENE 4	NE 3	WNW 2	SE 2	S 3	ENE 2	ENE 4	ESE 3	NE 2	NNE 3	WSW 4	SSW 3	SSW 3	N 2	S 5	SW 2
Weather	clear	clear	fair	clear	fair	clear	clear	cloudy	cloudy	cloudy	rain	cloudy	cloudy	cloudy	fair	cloudy	cloudy
Station	Tientsin	Tsingtau	Shanghai	Hankow	Saipan	Palau	Truk	Pompe	Jaluit	Hongkong	Munlin	Phu-Lien	SUPHNO	Honolulu	Midway I.	Dutch Harbor	Kooluk
Hour of Observation	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	10 ^h	14 ^h	10 ^h	14 ^h	10 ^h	10 ^h	10 ^h	10 ^h
Atm. Pressure (Red in m.b. and 500 ft. in h.)	02.9	06.0	08.3	06.0	05.2	06.3	09.0	09.7	10.6	04.0	08.0	01.2	07.4	15.9	21.3	13.2	22.7
Air Temperature (in C)	28	26	32	34	27	29	30	28	27	25	30	28	28	27	-	14	10
Direction and Force of Winds (0-12)	W 2	SSE 3	SSE 3	SSE 2	S 6	SW 3	NW 2	NE 2	ENE 1	N 1	WSW 3	ENE 1	WSW 3	E 3	E 3	E 3	E 2
Weather	cloudy	fog	clear	clear	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	fair	rain	cloudy	cloudy	clear	cloudy	cloudy

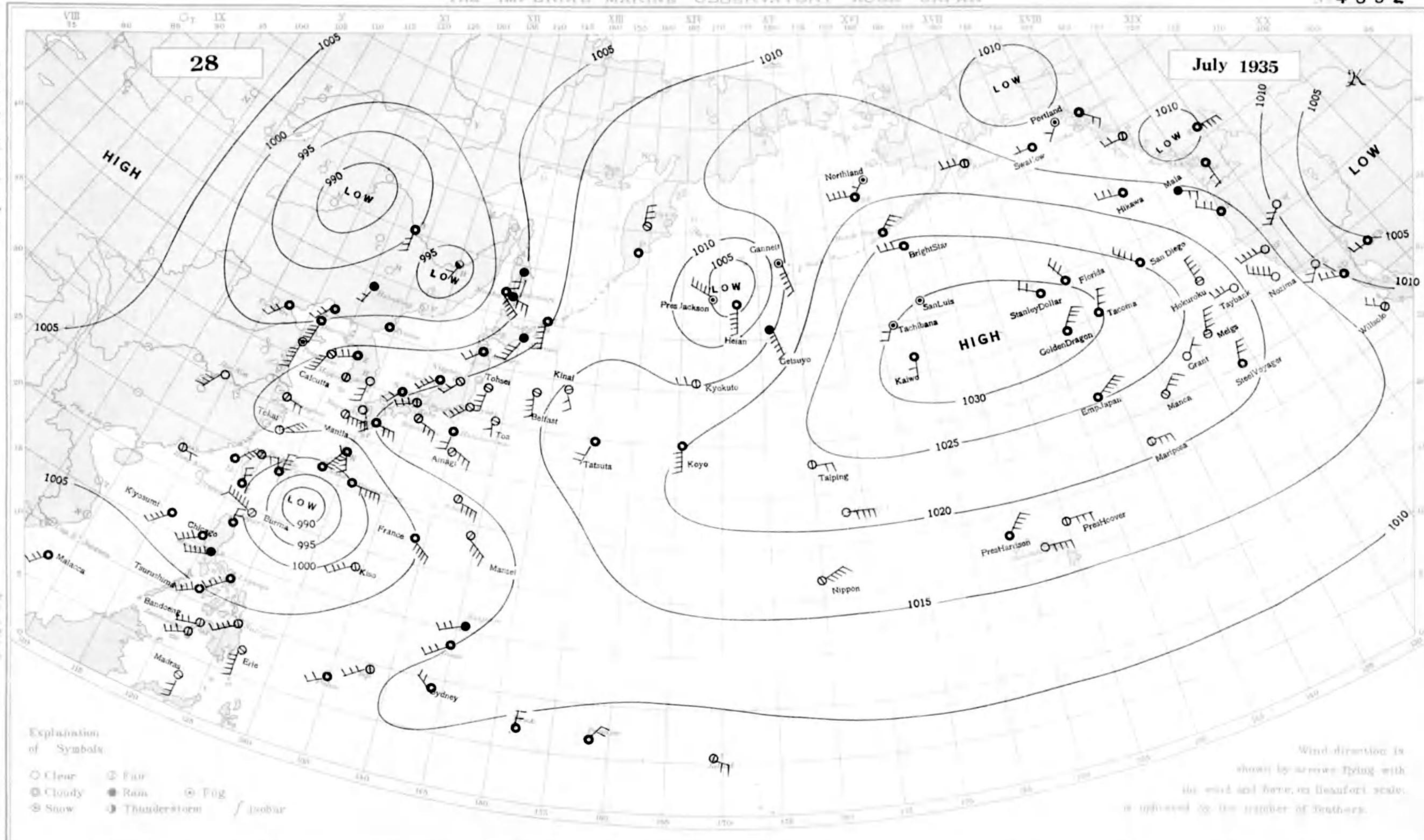
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№4592

北太平洋天氣圖



Explanation of Symbols

- Clear
- ☉ Fair
- ☁ Cloudy
- ☂ Rain
- ☁ Fog
- ❄ Snow
- ⚡ Thunderstorm
- / Isobar

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

Station Hour of Observation	Taihoku 12° N, 135° E	Saha 12° N, 135° E	Hongkong 22° N, 114° E	Sagasaki 32° N, 130° E	Siemasi 12° N, 135° E	Kobe 35° N, 135° E	Tsushima 32° N, 130° E	Haidyama 32° N, 130° E	Tsushima 32° N, 130° E	Wakana 12° N, 135° E	Amami 12° N, 135° E	Sesiro 12° N, 135° E	Hokuriku 12° N, 135° E	Miyako 12° N, 135° E	Zuoyun 12° N, 135° E	Dairen 42° N, 130° E	Hanking 42° N, 130° E
Atm. Pressure (Red sea level and 32nd Dr) (mb)	03.5	97.9	00.6	08.7	11.5	11.1	11.9	12.0	09.2	09.3	07.9	06.7	04.2	07.9	02.4	01.2	96.7
Air Temperature (in C)	31	30	28	31	28	30	28	28	31	30	25	14	17	32	25	27	22
Direction and Force of Winds (0-12)	ENE 2	NE 7	E 5	SE 2	ESE 2	WSW 3	SW 4	S 2	ESE 4	SW 4	SW 2	SW 4	ESE 3	- 1	- 1	S 5	SSW 2
Weather	fair	cloudy	cloudy	clear	fair	fair	fair	cloudy	fair	fog	cloudy	rain	rain	fair	cloudy	cloudy	rain
Station Hour of Observation	Tientsin 39° N, 117° E	Tsingtau 37° N, 121° E	Shanghai 31° N, 121° E	Pankow 39° N, 117° E	Saipan 12° N, 125° E	Palau 12° N, 135° E	Truk 12° N, 135° E	Ponape 12° N, 135° E	Delulu 0°	Hongkong 22° N, 114° E	Manila 14° N, 121° E	Hai-Liao 41° N, 125° E	Surgut 41° N, 125° E	Hankow 35° N, 114° E	Milway 35° N, 120° E	Dutch Harbor 52° N, 169° E	Kudak 42° N, 130° E
Atm. Pressure (Red sea level and 32nd Dr) (mb)	96.8	02.9	06.0	03.8	09.1	08.2	07.1	07.7	10.0	03.7	05.6	-	06.9	15.2	20.6	24.0	15.2
Air Temperature (in C)	33	27	31	36	26	29	31	27	28	26	27	-	32	26	-	11	18
Direction and Force of Winds (0-12)	SW 3	S 5	E 2	SSW 3	WSW 3	SW 2	N 2	NE 2	ESE 2	E 1	WSW 5	-	SW 4	E 4	E 4	NE 3	W 3
Weather	cloudy	fog	fair	clear	rain	cloudy	cloudy	cloudy	fair	fair	rain	-	fair	clear	clear	cloudy	fair

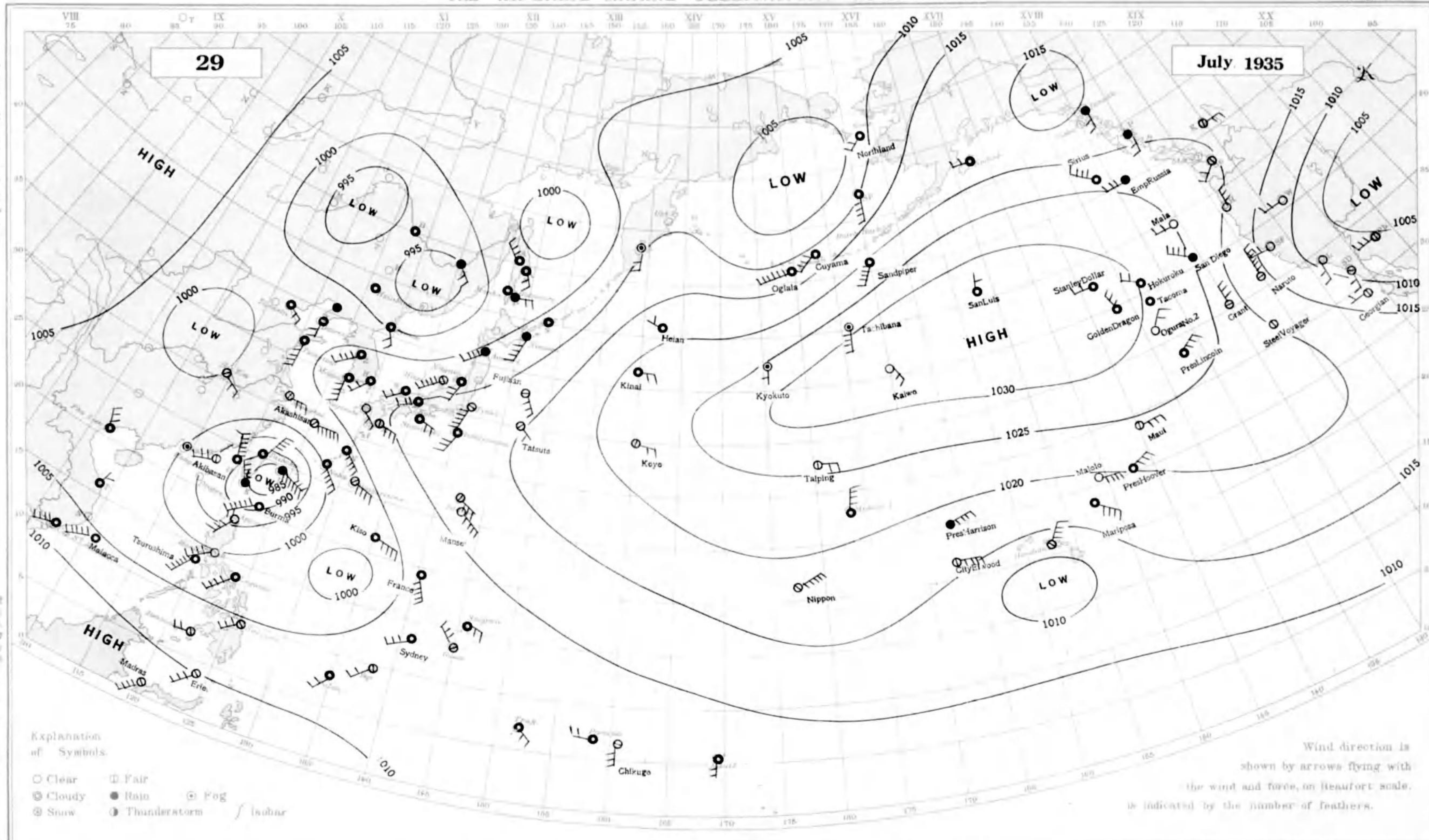
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4593

北太平洋天氣圖



Station	Tsukuba 125° 135 E	Naha 125° 135 E	Osagazima 125° 135 E	Yagasaki 125° 135 E	Simsaki 125° 135 E	Kobe 125° 135 E	Tsūji 125° 135 E	Haidyōwa 125° 135 E	Tōkai 125° 135 E	Wazama 125° 135 E	Aomori 125° 135 E	Nemuro 125° 135 E	Otomari 125° 135 E	Mopu 125° 135 E	Zyōsin 125° 135 E	Dairen 125° 135 E	Hsinking 125° 135 E
Hour of Observation																	
Atm. Pressure (Red to sea level)	91.5	00.7	03.5	07.9	11.5	11.4	10.3	13.2	11.0	09.1	06.9	06.3	02.9	07.4	99.9	02.7	99.4
Air Temperature (in C)	30	30	30	33	30	30	28	29	32	30	26	16	18	33	24	26	25
Direction and Force of Winds (0-12)	NNE 5	SE 5	ESE 4	ESE 2	ESE 2	WSW 3	SSW 5	SSW 3	ESE 3	SW 5	SW 4	SSW 4	E 2	S 4	SSE 2	S 2	- 1
Weather	cloudy	cloudy	fair	clear	cloudy	cloudy	fair	cloudy	fair	fair	rain	rain	rain	cloudy	cloudy	cloudy	cloudy
Station	Tientsin 125° 135 E	Tsingtau 125° 135 E	Shanghai 125° 135 E	Hankow 125° 135 E	Saipan 125° 135 E	Palau 125° 135 E	Truk 125° 135 E	Ponape 125° 135 E	Jaluit 125° 135 E	Hongkong 105°	Manila 125° 135 E	Phi-Lien 125° 135 E	Surigao 125° 135 E	Honolulu 125° 135 E	Midway I. 125° 135 E	Dutch Harbor 125° 135 E	Kodak 125° 135 E
Hour of Observation																	
Atm. Pressure (Red to sea level)	01.0	04.2	03.1	00.8	08.2	08.4	07.4	07.9	10.9	00.7	04.6	00.3	07.4	11.2	20.0	-	18.6
Air Temperature (in C)	25	28	32	35	28	30	28	30	28	24	28	28	32	27	-	-	17
Direction and Force of Winds (0-12)	ESE 2	S 4	E 3	ESE 2	ESE 2	SSW 2	SE 2	W 2	S 1	calm	SW 4	NNW 3	SW 3	NE 4	N 4	-	W 2
Weather	cloudy	cloudy	fair	fair	cloudy	cloudy	cloudy	cloudy	cloudy	fog	-	cloudy	fair	fair	cloudy	-	cloudy

北太平洋天氣圖

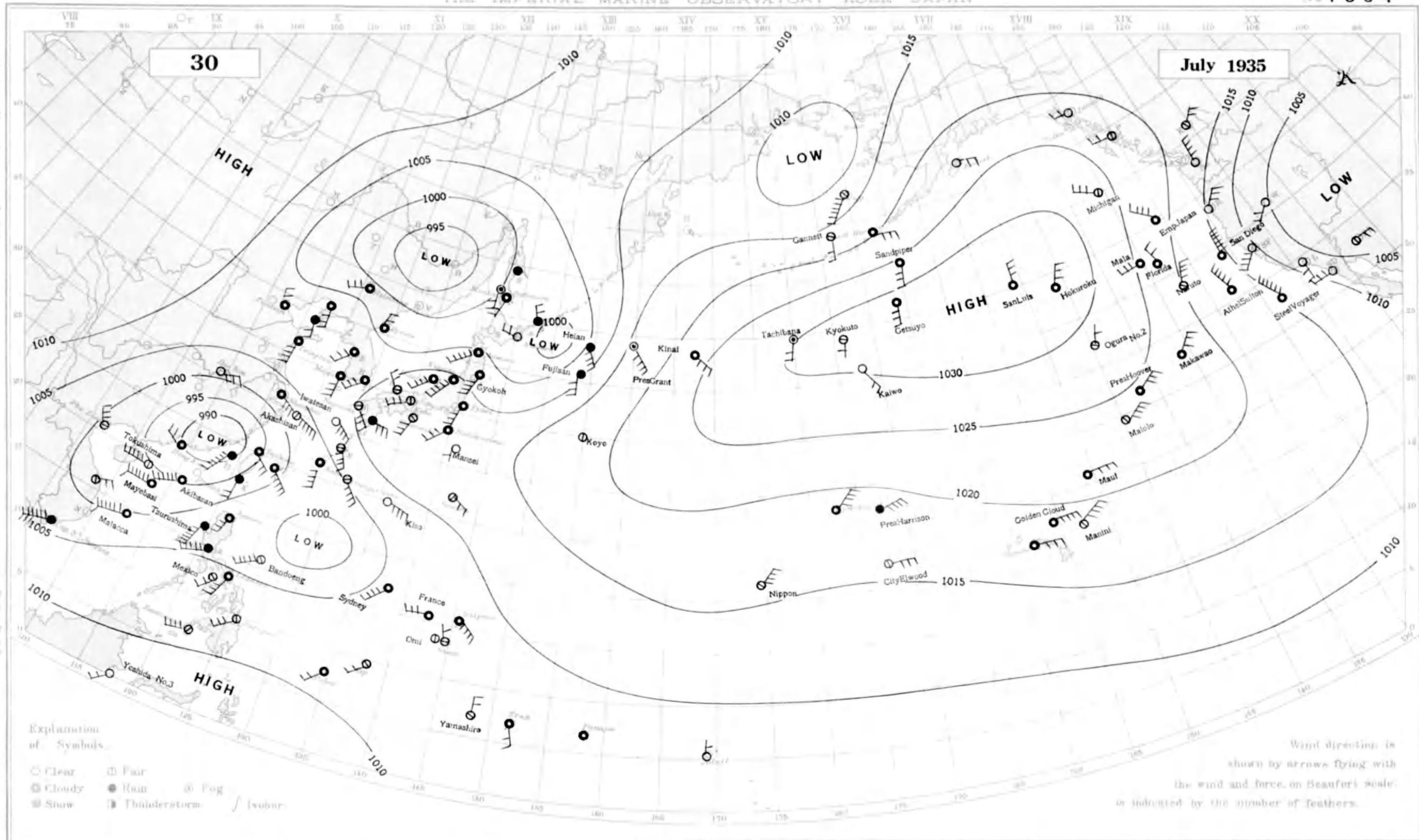
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 130° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№4594

北太平洋天氣圖



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	Tsuhoku 12° 135E	Naha 12° 135E	Ogasawara 12° 135E	Sagami 12° 135E	Shimonoseki 12° 135E	Kobe 12° 135E	Tokyo 12° 135E	Hokkaido 12° 135E	Hokkaido 12° 135E	Hokkaido 12° 135E	Wakana 12° 135E	Tomari 12° 135E	Nemuro 12° 135E	Dotonari 12° 135E	Moppe 12° 135E	Zyosin 12° 135E	Hairen 12° 135E	Hankang 12° 135E
Station	Tsuhoku	Naha	Ogasawara	Sagami	Shimonoseki	Kobe	Tokyo	Hokkaido	Hokkaido	Hokkaido	Wakana	Tomari	Nemuro	Dotonari	Moppe	Zyosin	Hairen	Hankang
Hour of Observation																		
Air Pressure (Red to m.s.l. and Std. G.) mb.	94.1	04.0	05.6	10.0	13.0	12.3	10.9	14.0	13.0	11.4	06.4	01.7	99.7	09.1	04.6	07.3	00.4	
Air Temperature (in C)	28	28	30	32	29	32	28	29	32	31	28	26	20	32	23	23	27	
Direction and Force of Winds (10-12)	ESE 4	SSE 4	SE 4	SE 3	SSW 3	WSW 3	SSW 3	SW 3	ESE 2	SW 4	SW 5	WNW 2	SSW 2	S 3	NNE 2	SSE 2	WSW 3	
Weather	cloudy	cloudy	fair	fair	fair	fair	cloudy	cloudy	fair	cloudy	cloudy	clear	cloudy	cloudy	cloudy	rain	cloudy	

Station	Tientsin 12° 135E	Tsingtau 12° 135E	Shanghai 12° 135E	Hankow 12° 135E	Swamp 12° 135E	Palu 12° 135E	Taipei 12° 135E	Ponape 12° 135E	Jalut 12° 135E	Bongkong 12° 135E	Manila 12° 135E	Philipp 12° 135E	Surigao 12° 135E	Honolulu 12° 135E	Midway I. 12° 135E	Dutch Harbor 12° 135E	Kodiak 12° 135E
Station	Tientsin	Tsingtau	Shanghai	Hankow	Swamp	Palu	Taipei	Ponape	Jalut	Bongkong	Manila	Philipp	Surigao	Honolulu	Midway I.	Dutch Harbor	Kodiak
Hour of Observation																	
Air Pressure (Red to m.s.l. and Std. G.) mb.	05.5	06.6	04.4	00.6	08.3	09.2	09.3	09.7	11.5	93.5	05.6	98.9	08.4	16.6	17.3	18.6	20.6
Air Temperature (in C)	31	30	32	35	27	30	25	27	28	27	29	30	32	26	-	17	17
Direction and Force of Winds (10-12)	NNW 2	S 4	ESE 3	ENE 3	SE 4	SW 2	SSE 2	- 1	NE 1	WNW 2	WSW 5	NW 3	SW 3	E 3	NE 4	E 3	E 2
Weather	cloudy	cloudy	cloudy	clear	cloudy	cloudy	cloudy	cloudy	clear	cloudy	rain	fair	fair	cloudy	cloudy	cloudy	clear

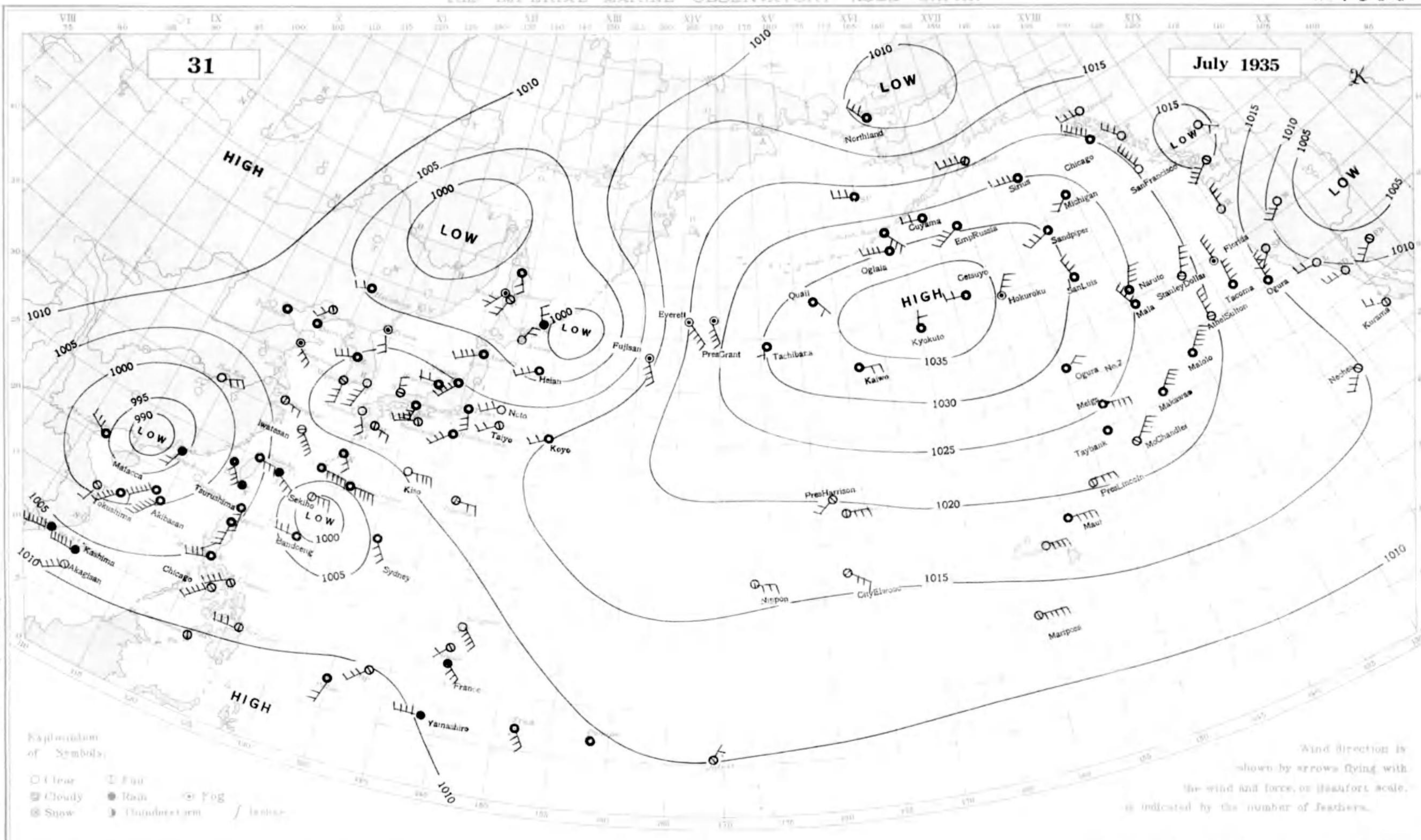
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(North of the meridian of 185° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4595

北太平洋天氣圖



Explanation of Symbols:
 ○ Clear ☁ 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	Hankow	Nanchang	Shanghai	Hankow	Singapore	Kobe	Yokohama	Hatayama	Tsushima	Wakayama	Osaka	Shimonoseki	Yokohama	Manila	Shanghai	Hankow	Singapore	Kobe
Station	Hankow	Nanchang	Shanghai	Hankow	Singapore	Kobe	Yokohama	Hatayama	Tsushima	Wakayama	Osaka	Shimonoseki	Yokohama	Manila	Shanghai	Hankow	Singapore	Kobe
Hour of Observation	12° 135 E	12° 135 E	12° 135 E	12° 135 E	12° 135 E	12° 135 E	12° 135 E	12° 135 E	12° 135 E	12° 135 E	12° 135 E	12° 135 E	12° 135 E	12° 135 E	12° 135 E	12° 135 E	12° 135 E	12° 135 E
Atm. Pressure (Red to a 31 and 30.0) (mb)	01.9	06.3	07.3	12.4	12.6	13.1	11.0	13.7	11.7	12.2	07.7	03.3	02.1	11.5	06.9	09.9	04.0	
Air Temperature (in °F)	31	30	27	32	30	32	31	28	32	32	29	24	21	32	20	28	27	
Direction and Force of Winds (0-12)	E 3	E 5	E 5	SSE 2	WSW 4	S 3	SSE 3	SW 3	E 2	W 2	WSW 4	NE 2	SW 2	S 3	SSE 2	- 1	WSW 2	
Weather	cloudy	cloudy	cloudy	clear	fair	cloudy	cloudy	cloudy	fair	cloudy	cloudy	clear	fair	fair	fair	cloudy	cloudy	
Station	Tientsin	Tsingtau	Shanghai	Hankow	Singapore	Peking	Yokohama	Hatayama	Tsushima	Wakayama	Osaka	Shimonoseki	Yokohama	Manila	Shanghai	Hankow	Singapore	Kobe
Hour of Observation	12° 135 E	12° 135 E	12° 135 E	12° 135 E	12° 135 E	12° 135 E	12° 135 E	12° 135 E	12° 135 E	12° 135 E	12° 135 E	12° 135 E	12° 135 E	12° 135 E	12° 135 E	12° 135 E	12° 135 E	12° 135 E
Atm. Pressure (Red to a 31 and 30.0) (mb)	08.6	08.7	07.1	01.7	09.1	10.3	08.7	10.0	11.5	05.6	07.7	96.0	09.1	15.9	15.2	27.4	19.3	
Air Temperature (in °F)	30	28	31	35	29	29	29	26	29	26	30	32	32	27	-	12	17	
Direction and Force of Winds (0-12)	- 1	ESE 3	E 2	ENE 3	SE 4	SSW 2	SSE 3	- 1	NNE 1	SSW 2	WSW 4	WNW 3	W 3	E 4	E 3	SE 3	W 4	
Weather	cloudy	fog	fair	clear	cloudy	cloudy	cloudy	cloudy	fair	rain	cloudy	cloudy	fair	clear	fair	cloudy	fair	

昭和十一年四月十一日印刷

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發行兼

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