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北太平洋天氣圖

昭和十年六月

神戶
海洋氣象臺

DAILY WEATHER CHARTS

OF THE

NORTH PACIFIC OCEAN.

JUNE

1935



THE IMPERIAL MARINE OBSERVATORY,

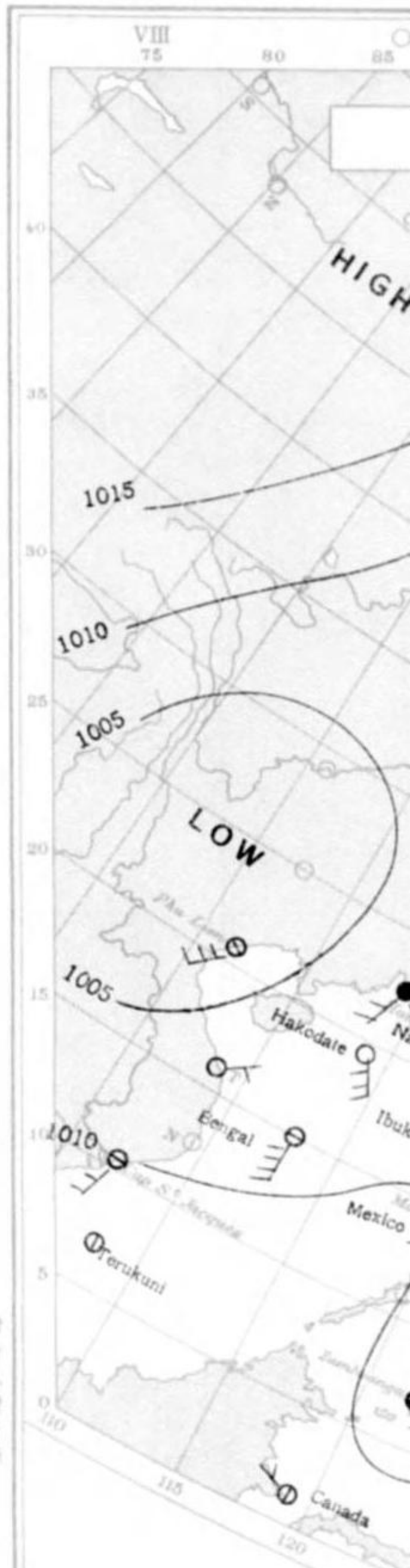
KOBE, JAPAN.



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



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Explanation
of Symbols.

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

Station
Hour of Observation

Atm. Pressure (Red to m.s.l. as
 Air Temperature (in C)
 Direction and Force of Wind
 Weather

Station
Hour of Observation

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

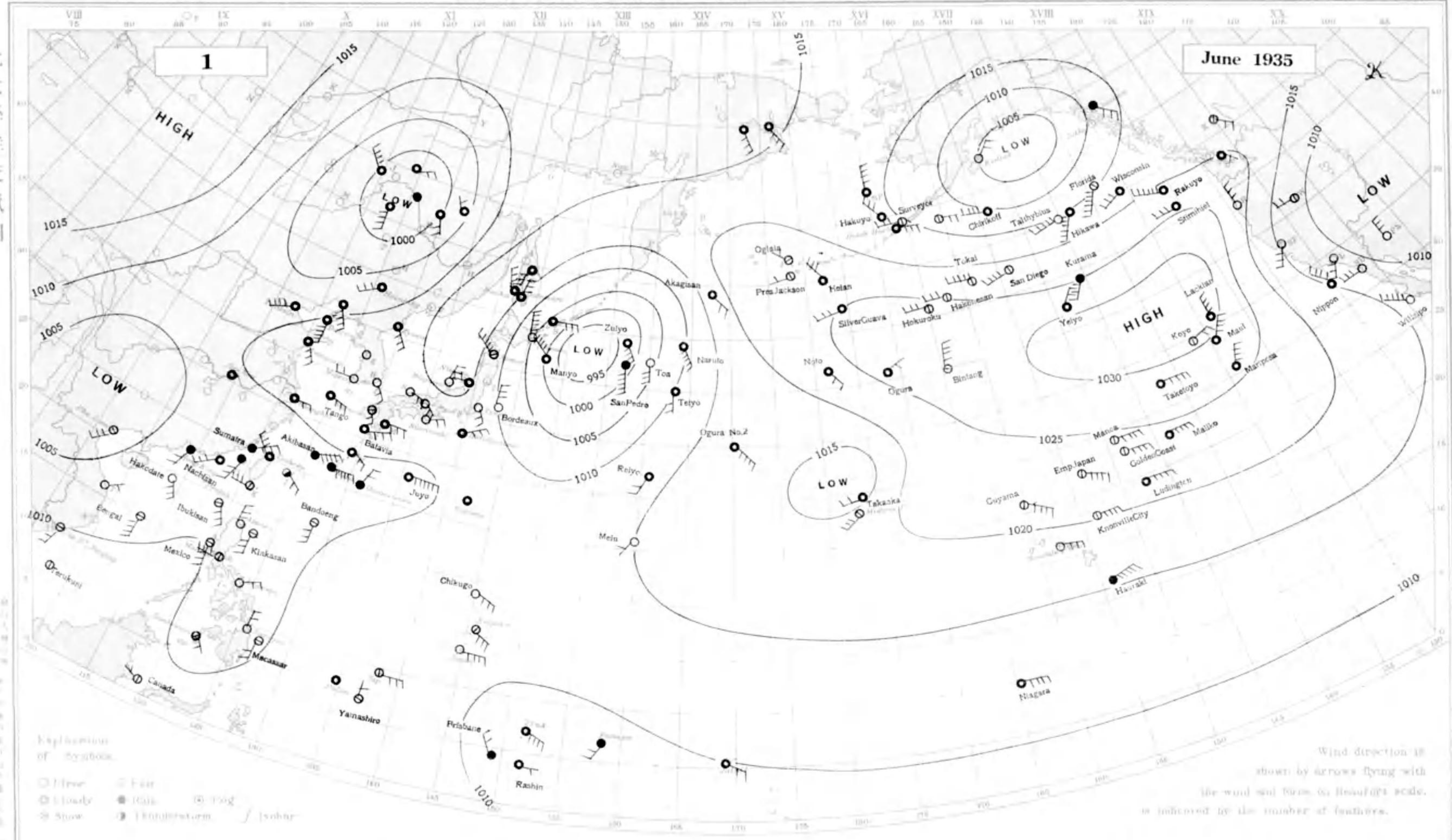
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DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No. 4535

北太平洋天氣圖



Explanation of Symbols:
 ○ Clear ☁ Cloudy
 ☂ Rain ❄ Snow
 ☁☂ Partly Cloudy with Rain
 ☁☂☄ Partly Cloudy with Rain and Drizzle

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

Station	Tokyo	Soko	Oguzushima	Nagasaki	Semimaki	Kobe	Tsusi	Hatsuyama	Taiwan	Wanina	Amoy	Nansan	Batavia	Manila	Zyden	Batavia	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 sea level and 500 ft) [mb]	07.7	09.3	09.2	12.0	13.5	13.2	13.3	13.9	11.7	15.1	12.2	05.9	14.6	13.2	11.4	10.7	05.5
Air Temperature (3m) [°C]	29	22	24	26	24	26	22	23	24	21	19	8	8	26	15	24	28
Direction and Force of Winds (0-12)	NW 3	E 5	NNE 2	SSE 2	ESE 3	SE 2	SSE 2	NE 3	calm	NE 3	NW 5	N 5	NNE 3	W 2	SSE 3	S 5	SW 3
Weather	cloudy	rain	rain	fair	clear	clear	clear	cloudy	cloudy	clear	fair	cloudy	cloudy	clear	cloudy	cloudy	cloudy
Station	Tientsin	Tsingtau	Shanghai	Hankow	Saipan	Puluw	Ponape	Jaluit	Hongkong	Manila	Pho Lam	Sourigo	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	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 sea level and 500 ft) [mb]	06.0	11.1	11.3	09.0	10.9	10.1	08.8	09.6	11.4	07.1	10.3	04.8	10.1	15.9	16.6	13.9	07.8
Air Temperature (3m) [°C]	30	22	24	25	30	29	27	26	27	27	31	30	27	28	28	8	7
Direction and Force of Winds (0-12)	WSW 4	SSE 3	E 2	calm	SE 3	- 1	ESE 4	SSW 2	ESE 2	SSW 2	W 2	SSW 3	N 2	E 3	SW 3	E 3	NE 2
Weather	cloudy	cloudy	cloudy	cloudy	fair	cloudy	cloudy	rain	cloudy	rain	fair	cloudy	clear	clear	fair	cloudy	rain

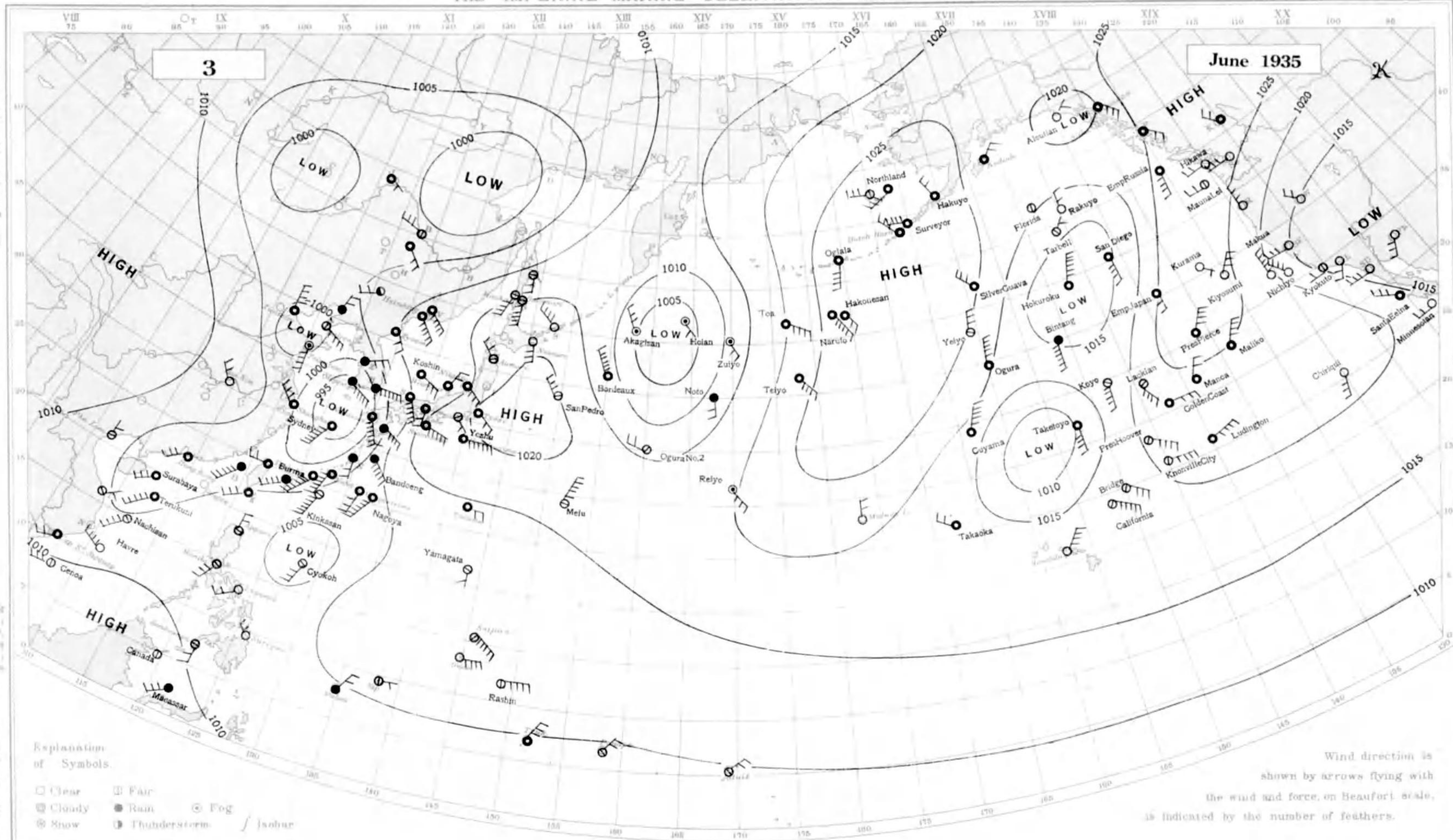
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4 5 3 7

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.

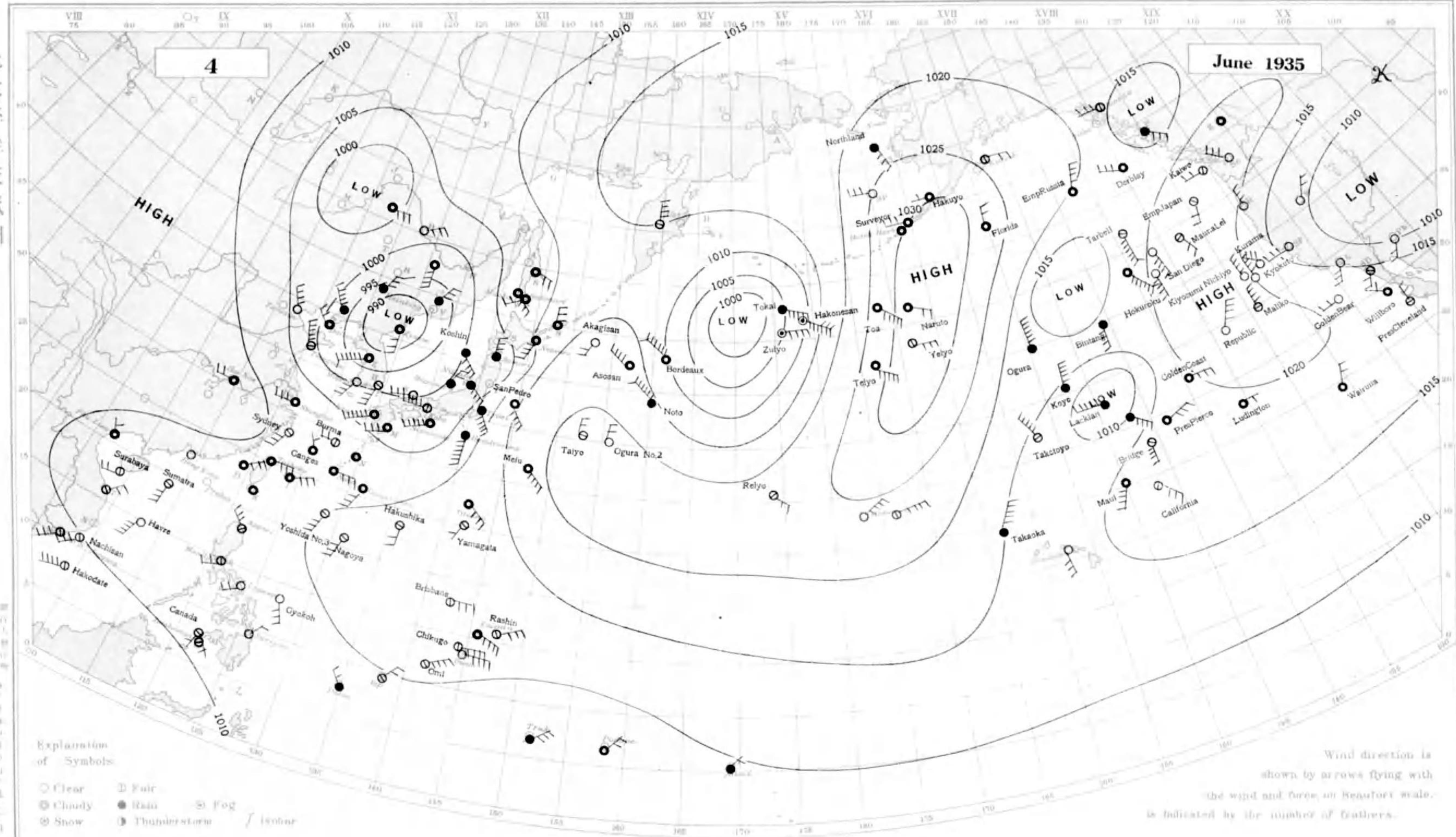
Station	Taihoku 12° 135 E	Naha 12° 135 E	Quararizima 12° 135 E	Nagasaki 12° 135 E	Siomiaki 12° 135 E	Kobe 12° 135 E	Työsi 12° 135 E	Hatidyösmä 12° 135 E	Titiöina 12° 135 E	Wazima 12° 135 E	Aomori 12° 135 E	Nemuro 12° 135 E	Otomari 12° 135 E	Moppe 12° 135 E	Zyösin 12° 135 E	Dairen 12° 135 E	Hanking 12° 135 E
Hour of Observation																	
Atm. Pressure (Red to m.s. and 33rd to in.)	01.3 28	02.7 27	06.1 26	99.1 22	15.1 22	12.3 27	20.3 20	19.1 20	14.6 25	13.2 22	16.7 18	17.3 14	14.0 14	94.9 18	11.0 14	99.9 16	05.2 19
Air Temperature (in C)																	
Direction and Force of Winds (0-12)	W 2	SSW 6	SSW 3	SSE 8	ESE 5	S 2	SE 2	E 5	E 2	NE 2	NNW 2	S 3	S 5	ESE 5	SSE 2	ESE 4	WSW 2
Weather	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	fair	clear	fair	rain	cloudy	fair	t.s.
Station	Tientsin 12° 135 E	Tsingtau 12° 135 E	Shanghai 12° 135 E	Hankow 12° 135 E	Saipan 12° 135 E	Falau 12° 135 E	Truk 12° 135 E	Ponape 12° 135 E	Jaluit 8°	Hongkong 10°	Manila 14°	Phi-Lan 11°	Surigao 14°	Honolulu 21°	Midway I. 20°	Dutch Harbor 58°	Kodiak 58°
Hour of Observation																	
Atm. Pressure (Red to m.s. and 33rd to in.)	99.5 17	99.1 19	01.7 24	08.2 27	10.4 29	09.9 28	10.3 25	09.5 29	10.7 29	03.5 25	09.3 33	07.7 24	09.0 32	15.2 28	20.0 27	28.8 6	20.6 11
Air Temperature (in C)																	
Direction and Force of Winds (0-12)	N 4	S 4	NW 3	NW 2	SE 5	NE 2	NNE 3	NE 2	ENE 2	SW 3	SW 3	N 1	NW 2	NE 4	N 2	NW 3	NE 2
Weather	cloudy	fog	cloudy	clear	fair	rain	cloudy	fair	fair	cloudy	fair	rain	clear	clear	clear	cloudy	cloudy

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No 4538

北太平洋天氣圖



Explanation of Symbols

- Clear
- ☁ Cloudy
- ☉ Snow
- ☂ Fair
- ☔ Rain
- ☛ Thunderstorm
- ☁ Fog
- ☂ Iceber

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

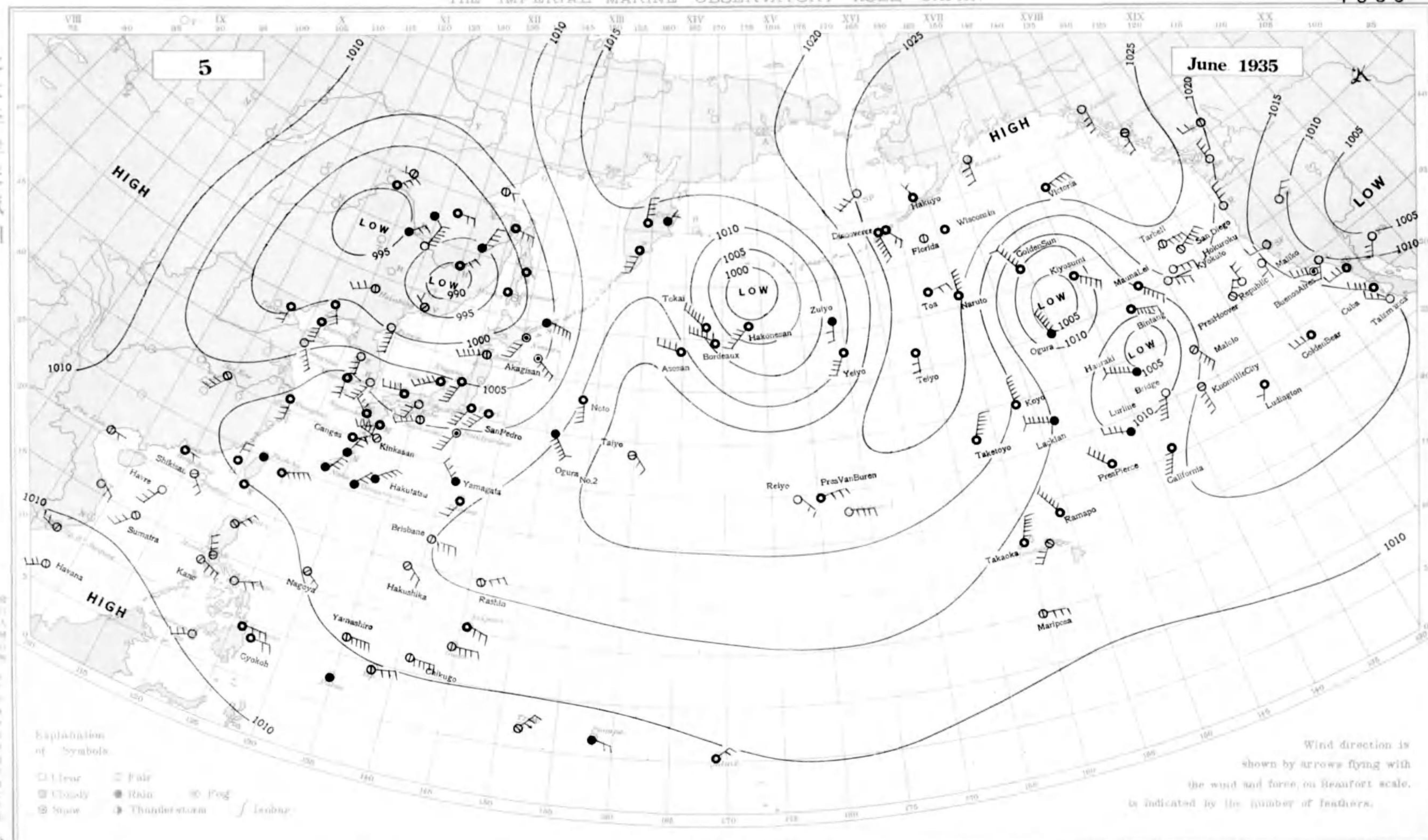
Station	Tsukuba 12° 135 E	Naha 12° 125 E	Oosagami 12° 134 E	Nagasaki 12° 135 E	Suisan 12° 135 E	Kobe 12° 135 E	Tyoko 12° 135 E	Hatayodomo 12° 135 E	Tokyo 12° 135 E	Wakayama 12° 135 E	Aomori 12° 135 E	Nemuro 12° 135 E	Otomari 12° 135 E	Mopu 12° 135 E	Zyden 12° 135 E	Unren 12° 135 E	Hokkaido 12° 135 E
Hour of Observation																	
Atm. Pressure (Bar)	09.6	10.0	08.6	04.7	01.7	02.0	08.2	05.9	12.8	00.0	03.8	14.7	08.3	02.1	89.3	97.7	91.7
Air Temperature (in C)	27	21	25	23	23	23	17	20	29	18	17	14	16	19	12	16	13
Direction and Force of Winds (0-12)	E 3	E 3	SW 3	WSW 5	WSW 4	W 5	SSE 5	S 6	SE 3	NE 2	N 3	SW 4	WSW 2	SW 3	S 3	NW 5	NNE 3
Weather	cloudy	cloudy	cloudy	cloudy	cloudy	fair	rain	rain	cloudy	rain	rain	cloudy	clear	clear	cloudy	cloudy	rain
Station	Tientsin 12° 135 E	Hankow 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 14h	Midway I. 14h	Dutch Harbor 14h	Kodiak 14h
Hour of Observation																	
Atm. Pressure (Bar)	04.3	02.4	06.7	10.4	11.5	09.7	09.6	07.9	12.4	07.4	10.0	09.1	09.9	14.5	22.0	32.8	24.7
Air Temperature (in C)	24	21	28	28	30	28	27	30	25	25	32	27	32	26	28	7	11
Direction and Force of Winds (0-12)	NNW 4	NNW 5	W 3	W 2	ESE 4	NW 2	ENE 3	NE 2	NE 1	calm	WSW 2	NNW 1	NE 1	S 3	NE 4	calm	E 2
Weather	clear	fair	cloudy	cloudy	cloudy	rain	rain	cloudy	rain	clear	fair	cloudy	clear	clear	clear	cloudy	fair

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No 4539

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	Tochoku 12° 135 E	Naha 12° 135 E	Ongarizhou 12° 135 E	Nygosaki 12° 135 E	Siomaki 12° 135 E	Kobe 12° 135 E	Tyohi 12° 135 E	Haridoyama 12° 135 E	Tsushima 12° 135 E	Wajima 12° 135 E	Amori 12° 135 E	Nemuro 12° 135 E	Otoomai 12° 135 E	Moppo 12° 135 E	Zyosin 12° 135 E	Dairen 12° 135 E	Hsinking 12° 135 E
Station	Tochoku	Naha	Ongarizhou	Nygosaki	Siomaki	Kobe	Tyohi	Haridoyama	Tsushima	Wajima	Amori	Nemuro	Otoomai	Moppo	Zyosin	Dairen	Hsinking
Hour of Observation	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h
Atm. Pressure (in 1000 ft and 3000 ft)	10.7	12.7	13.1	12.3	08.8	09.7	05.5	10.6	14.9	07.5	01.9	00.7	97.9	11.3	99.1	02.0	98.9
Air Temperature (in F)	26	22	22	21	24	24	22	22	28	20	20	11	13	22	21	19	19
Direction and Force of Winds (0-12)	1	NE 3	NE 3	NW 2	WSW 4	SW 3	SW 4	SW 4	SW 2	WSW 5	WSW 5	SSW 4	- 1	S 2	S 5	S 4	WSW 3
Weather	rain	rain	rain	cloudy	fair	fair	cloudy	fog	cloudy	fog	fair	fog	fair	cloudy	clear	cloudy	fair
Station	Tsushima	Tsingtau	Shanghai	Hankow	Saipan	Palau	Truk	Ponape	Jaluit	Hongkong	Manila	Phu-Lien	Surigao	Honolulu	Midway I.	Dutch Harbor	Kodiak
Hour of Observation	12h	12h	12h	12h	12h	12h	12h	12h	12h	10h	14h	14h	14h	14h	14h	14h	14h
Atm. Pressure (in 1000 ft and 3000 ft)	98.6	03.9	10.0	08.7	11.7	09.2	08.6	10.1	10.0	08.4	10.4	08.0	09.9	13.9	22.0	28.8	28.1
Air Temperature (in C)	26	21	29	30	27	26	29	26	28	26	33	25	34	27	27	10	11
Direction and Force of Winds (0-12)	S 2	SSE 5	S 3	SSW 3	ESE 3	- 1	NE 3	ESE 2	ENE 2	E 1	NNW 3	E 1	E 3	SW 3	E 4	SE 2	S 3
Weather	cloudy	clear	cloudy	fair	cloudy	rain	fair	rain	cloudy	cloudy	fair	fair	cloudy	fair	clear	cloudy	clear

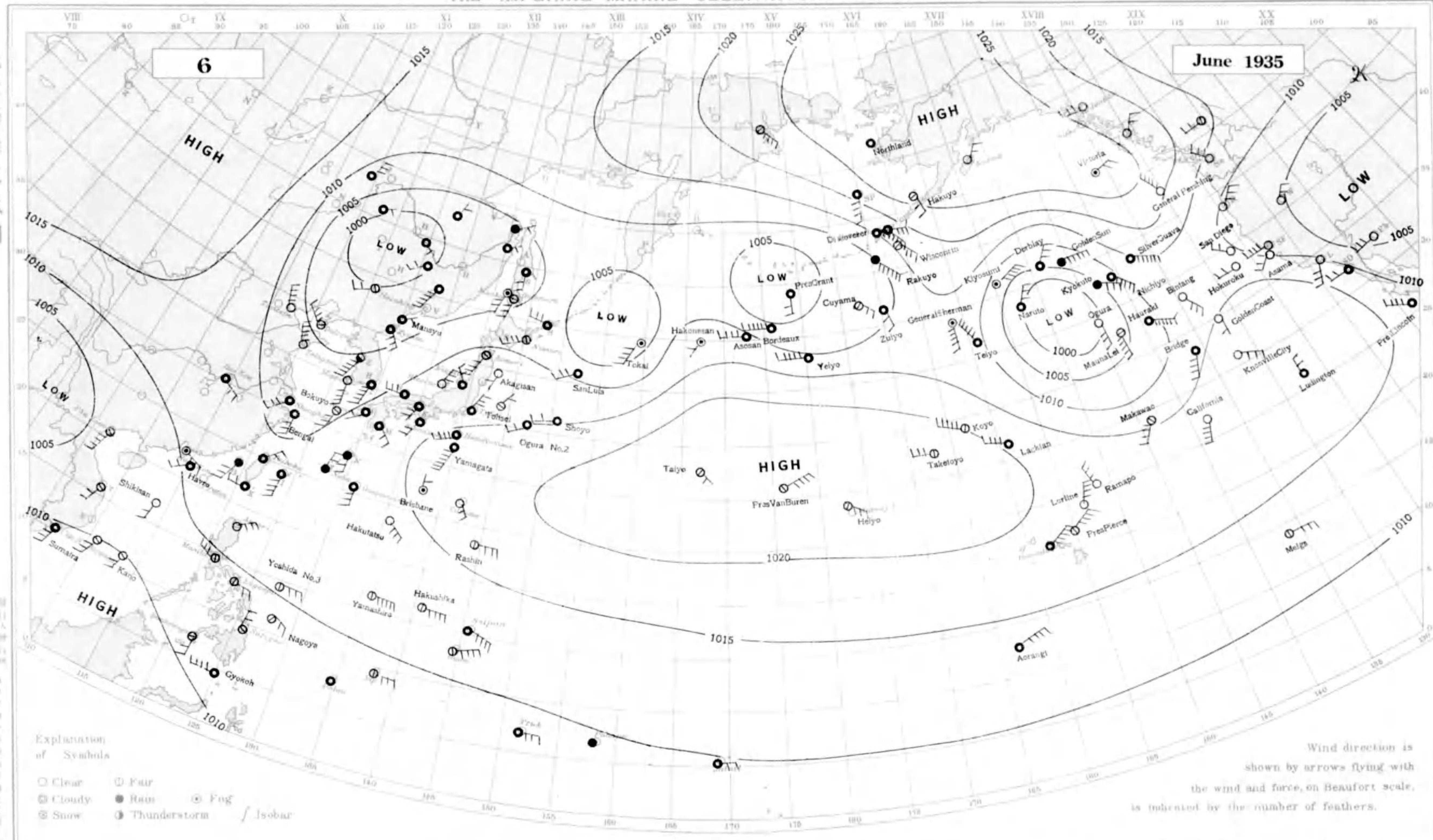
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(North of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

Nº 4 5 4 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	Taihouku 12h, 135E	Naha 12h, 135E	Ogasterima 12h, 135E	Niigo-saki 12h, 135E	Simsu-saki 12h, 135E	Kobe 12h, 135E	Tyōsi 12h, 135E	Hatidyōsima 12h, 135E	Tsushima 12h, 135E	Wazama 12h, 135E	Aomori 12h, 135E	Nemuro 12h, 135E	Gotomari 12h, 135E	Moppo 12h, 135E	Zyōsin 12h, 135E	Dairen 12h, 135E	Hanking 12h, 135E
Hour of Observation																	
Atm. Pressure (Red to sea level and 540 gr.) mb.	11.7	12.3	13.0	13.0	13.9	12.8	13.9	15.1	16.3	13.0	11.9	06.7	03.7	07.9	04.0	02.1	00.6
Air Temperature (in C)	28	23	27	24	23	25	20	22	30	21	24	20	12	24	15	17	21
Direction and Force of Winds (0-12)	NE 2	NNE 2	S 3	SW 2	SW 2	SSW 2	NNE 3	WSW 3	SSE 2	NE 3	SW 4	WSW 4	SSW 3	S 4	SSE 3	NW 6	WSW 2
Weather	fog	rain	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	clear	clear	clear	fair	fair	clear	cloudy	fair	fair
Station	Tientsin 12h, 135E	Tsingtau 12h, 135E	Shanghai 12h, 135E	Hankow 12h, 135E	Saipan 12h, 135E	Palau 12h, 135E	Truk 12h, 135E	Ponape 12h, 135E	Jaluit 6h	Hongkong 10h	Munira 14h	Phu Lien 10h	Surigao 14h	Honolulu 12h, 135E	Midway I. 12h, 135E	Dutch Harbor 12h, 135E	Kodiak 12h, 135E
Hour of Observation																	
Atm. Pressure (Red to sea level and 540 gr.) mb.	07.3	07.5	08.6	10.9	11.0	08.0	08.4	09.0	11.4	09.2	10.6	07.9	09.5	15.2	-	21.3	29.4
Air Temperature (in C)	26	21	30	27	30	27	28	25	27	25	32	29	29	23	-	6	10
Direction and Force of Winds (0-12)	NNW 4	NNW 5	SW 3	ESE 2	ESE 4	- 1	E 3	- 1	E 2	ESE 1	WNW 3	SSW 4	N 2	NE 5	-	SE 5	NE 2
Weather	clear	clear	cloudy	cloudy	cloudy	cloudy	cloudy	rain	cloudy	fog	fair	fair	fair	cloudy	-	cloudy	clear

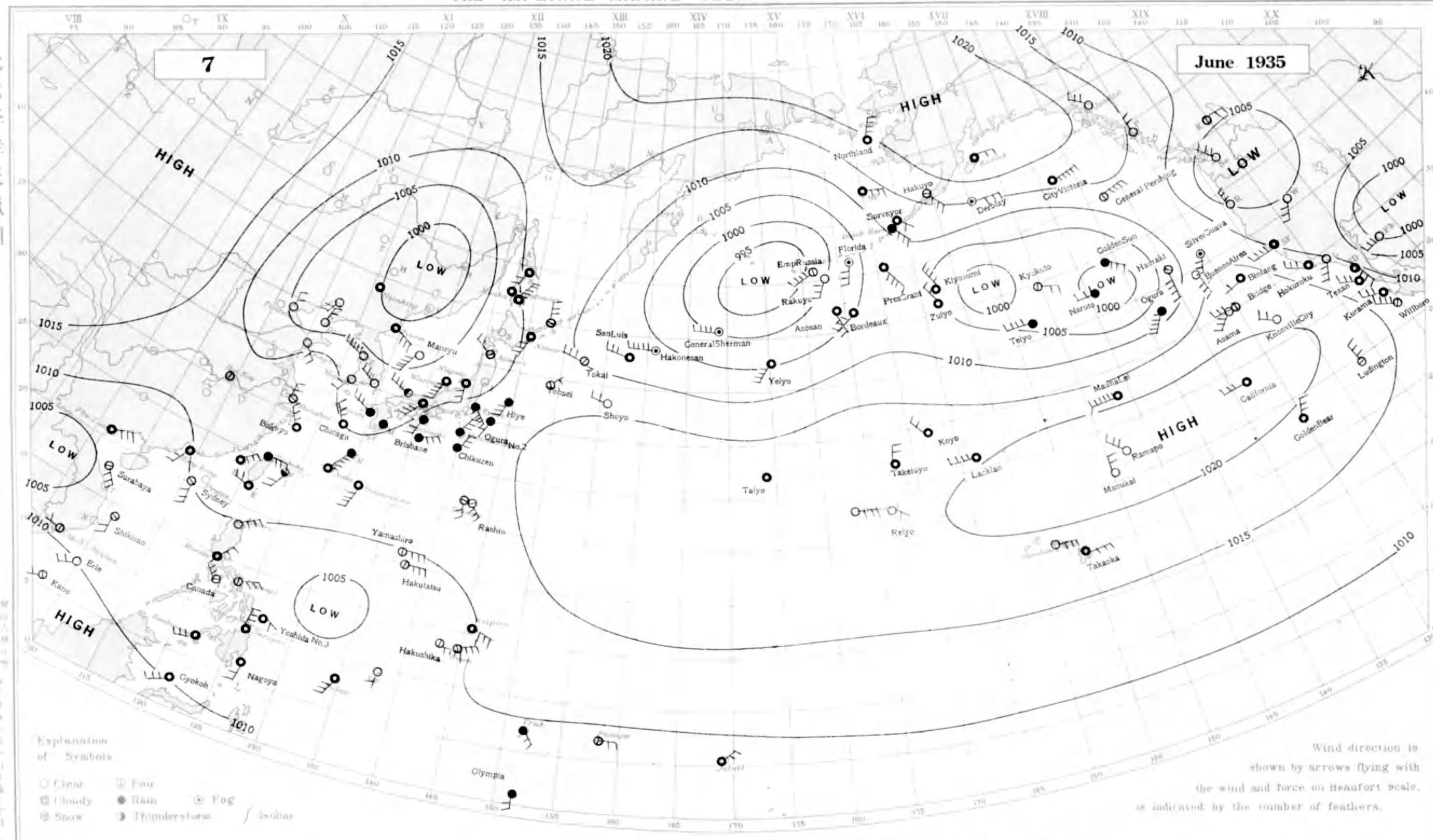
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

Nº 4 5 4 1

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, as indicated by the number of feathers.

Station	Taihoku 12° 135 E	Naha 12° 135 E	Oagurizima 12° 135 E	Nagasaki 12° 135 E	Suisunaki 12° 135 E	Kobe 12° 135 E	Tyoko 12° 135 E	Haidyosima 12° 135 E	Tiixima 12° 135 E	Wazima 12° 135 E	Amori 12° 135 E	Nemuro 12° 135 E	Otonari 12° 135 E	Moppo 12° 135 E	Zyosm 12° 135 E	Dairen 12° 135 E	Hsinking 12° 135 E
Hour of Observation																	
Atm. Pressure (sea level) (mb)	13.0	11.4	11.4	08.4	10.7	09.1	10.4	11.5	13.7	06.0	05.9	10.4	10.0	09.9	00.0	04.7	00.7
Air Temperature (in C)	21	23	27	21	20	21	19	19	30	25	23	16	14	21	13	26	23
Direction and Force of Winds (0-12)	E 3	NE 5	SSW 3	WNW 3	SSW 2	SW 3	SSE 5	NE 3	S 2	SW 5	NW 2	SSW 4	NE 5	SW 2	SE 3	NNE 2	- 1
Weather	rain	cloudy	cloudy	rain	rain	cloudy	rain	rain	fair	cloudy	fair	cloudy	cloudy	clear	cloudy	clear	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	Jaijil 0°	Hongkong 10°	Muala 14°	Phi Lien 10°	Surigao 14°	Honolulu 19° 155 W	Midway I. 19° 155 W	Dutch Harbor 153° 30' W	Kodiak 153° 30' W
Hour of Observation																	
Atm. Pressure (sea level) (mb)	04.7	07.9	12.3	13.5	09.3	08.4	09.7	08.6	11.5	08.8	10.0	08.8	08.4	15.9	17.9	11.2	22.7
Air Temperature (in C)	33	27	29	30	29	29	25	30	28	28	31	23	30	26	27	7	10
Direction and Force of Winds (0-12)	N 2	SSE 2	N 2	- 1	ESE 3	SSW 2	SSE 2	E 2	NE 2	SSW 2	NE 2	ENE 3	N 3	E 3	E 3	SE 3	E 2
Weather	clear	clear	fair	fair	cloudy	cloudy	rain	fair	cloudy	cloudy	cloudy	cloudy	cloudy	clear	clear	rain	cloudy

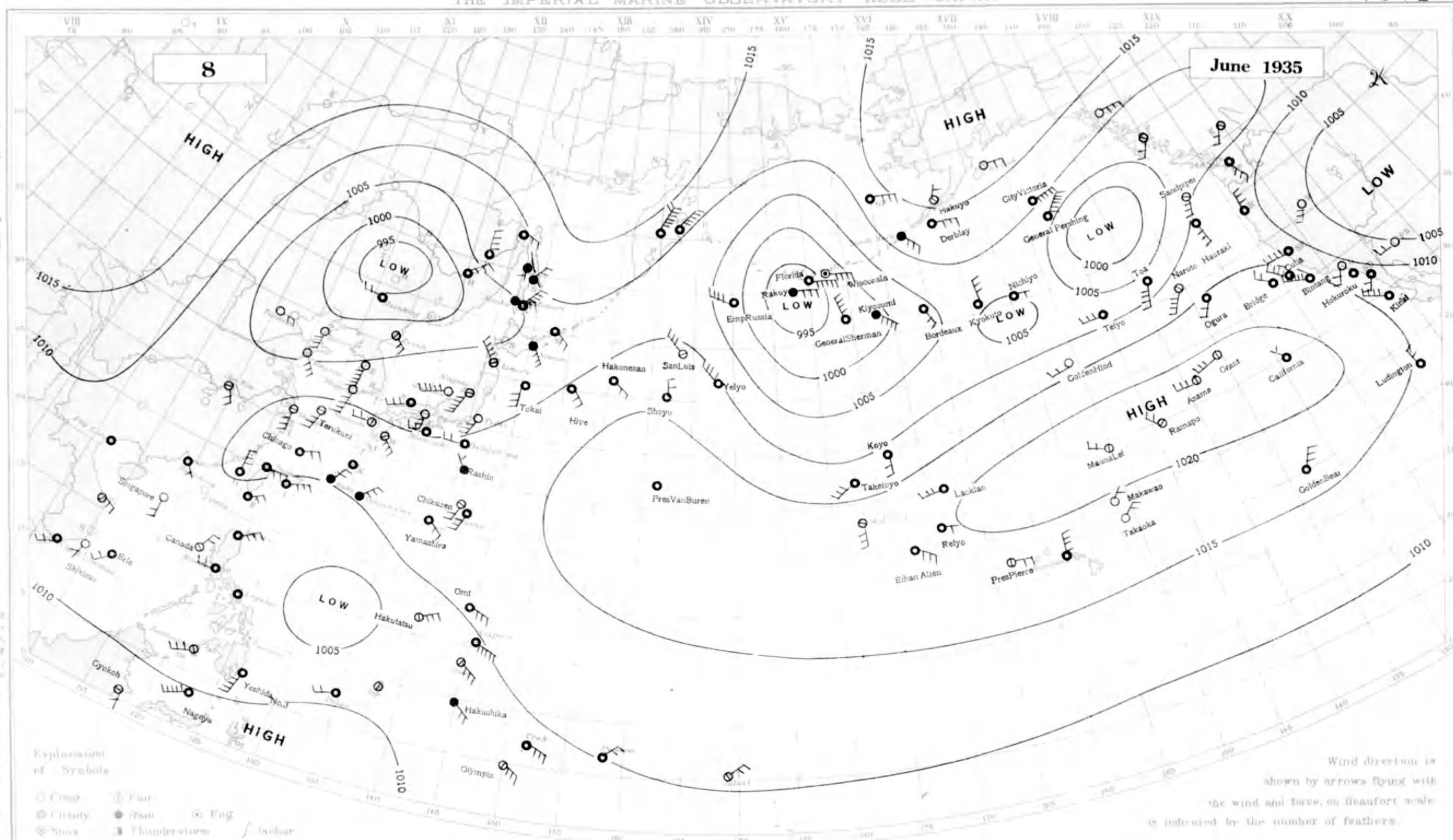
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(North of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 4542

北太平洋天氣圖



Explanation of Symbols

○ Clear ☁ Cloudy ☂ 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	Tokyo 12° 135 E	Naha 12° 135 E	Quartara 12° 135 E	Sagami 12° 135 E	Siomaki 12° 135 E	Kobe 12° 135 E	Tyosai 12° 135 E	Hatidyosima 12° 135 E	Hirayama 12° 135 E	Wakayama 12° 135 E	Sansu 12° 135 E	Sansu 12° 135 E	Osomari 12° 135 E	Mopu 12° 135 E	Zyosin 12° 135 E	Dairen 12° 135 E	Hankow 12° 135 E
Hour of observation																	
Atm. Pressure (Barometer) and Sea Level	11.1	11.5	11.8	12.4	08.7	09.2	07.8	10.6	12.6	09.0	05.5	07.0	06.7	09.6	03.8	02.4	98.9
Air Temperature (in C)	24	23	22	24	23	27	24	23	30	22	20	10	6	26	17	20	23
Direction and Force of Wind (0-12)	E 3	NE 2	NE 3	W 2	W 2	S 3	SSW 3	W 2	SSW 3	WSW 5	NNW 4	SSE 3	NE 5	SSW 4	SE 2	S 3	W 2
Weather	cloudy	rain	rain	fair	cloudy	clear	clear	cloudy	cloudy	clear	fair	rain	cloudy	clear	fair	clear	cloudy
Station	Tientsin 12° 125 E	Tsingtau 12° 125 E	Shanghai 12° 125 E	Hankow 12° 125 E	Saipan 12° 135 E	Palau 12° 135 E	Truk 12° 135 E	Ponape 12° 135 E	Palau 12° 135 E	Hongkong 10°	Manila 14°	Chu-Lien 10°	Surigao 14°	Honolulu 19° 155 W	Midway I. 19° 155 W	Dutch Harbor 19° 155 W	Kodiak 19° 155 W
Hour of observation																	
Atm. Pressure (Barometer) and Sea Level	01.7	04.6	11.0	09.5	08.8	09.5	09.7	10.0	12.0	08.7	08.7	08.8	-	16.6	15.2	11.2	15.2
Air Temperature (in C)	33	27	30	31	27	30	29	29	26	26	31	28	-	27	27	9	13
Direction and Force of Wind (0-12)	E 2	SSE 3	S 2	SSE 2	SE 5	WSW 2	ESE 3	ENE 2	ENE 2	SE 1	W 2	calm	-	N 4	S 3	SE 3	E 2
Weather	clear	clear	fair	fair	cloudy	cloudy	cloudy	cloudy	fair	cloudy	cloudy	cloudy	-	cloudy	fair	rain	clear

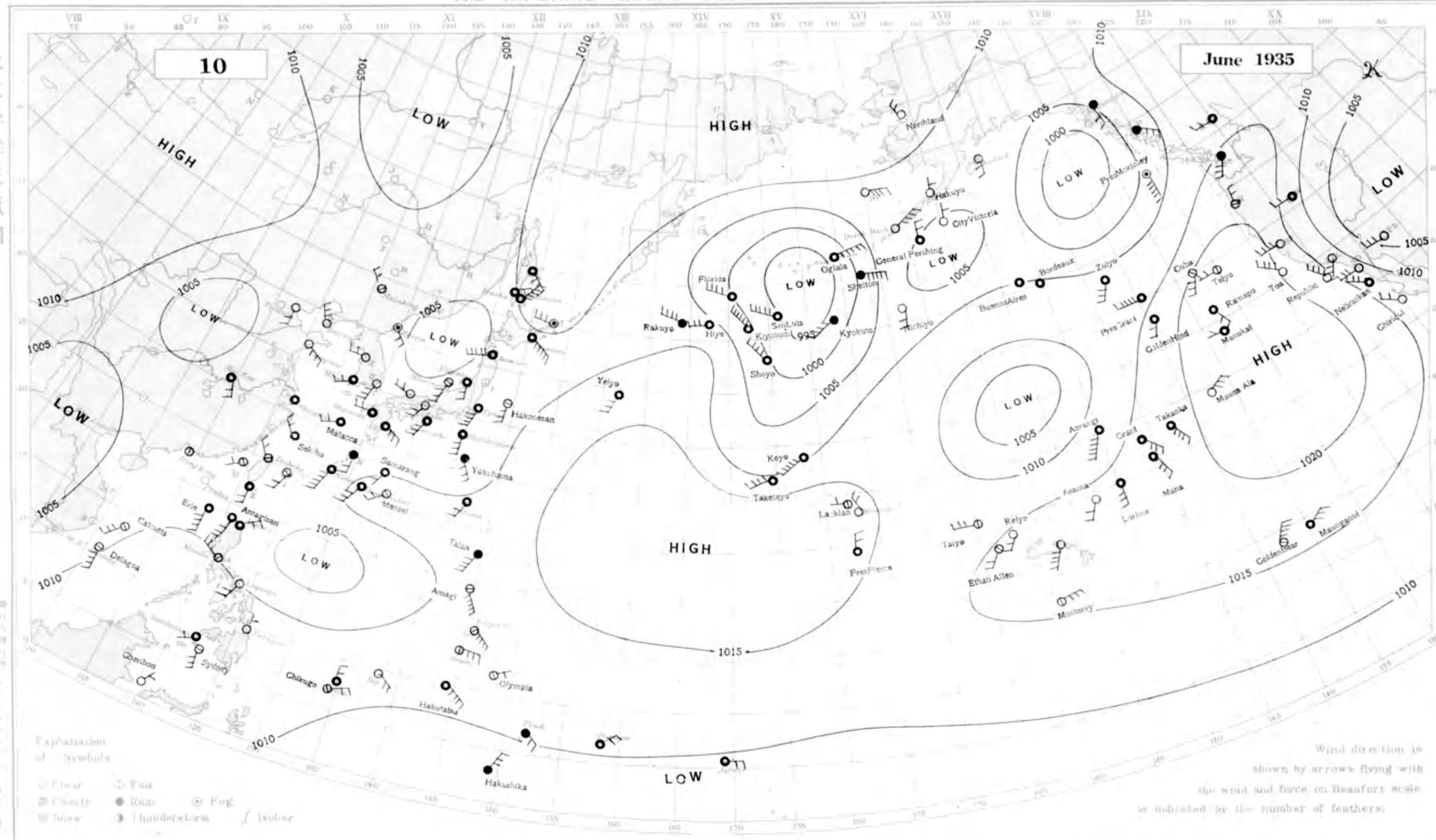
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4 5 4 4

北太平洋天氣圖



Explanation of Symbols

☐ Clear ☐ Fair
☁ Cloudy ● Rain ☉ Fog
❄ Snow ☂ Hailstorm / Isobar

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

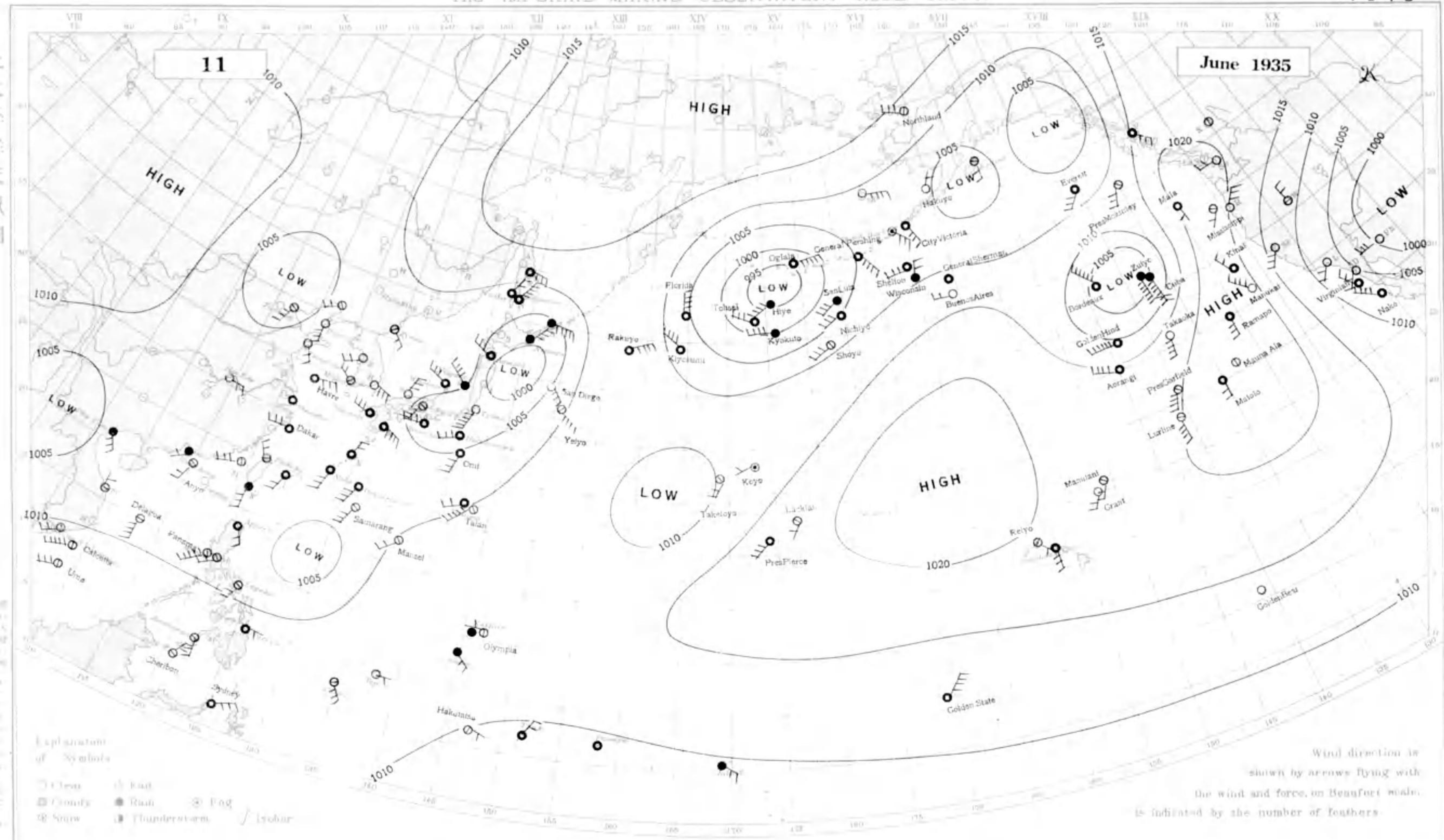
Station	Tokyo 139° 135 E	Naha 125° 135 E	Ooyartama 125° 135 E	Nagasaki 129° 135 E	Suisan 125° 135 E	Kobe 135° E	Tyoko 139° 135 E	Haidyosama 125° 135 E	Tokyo 139° 135 E	Wanai 125° 135 E	Aomori 140° 135 E	Syomo 125° 135 E	Otonari 125° 135 E	Meppo 125° 135 E	Zyosin 125° 135 E	Hakuro 125° 135 E	Hanking 125° 135 E
Station Hour of Observation																	
Air Pressure (Red to sea and 500 ft) mb.	09.3	09.7	10.7	08.8	08.6	06.6	08.0	09.6	10.0	06.4	05.7	09.6	10.7	08.2	05.5	09.6	07.4
Air Temperature (on 1) °C	31	27	27	25	24	29	25	25	29	26	26	8	7	23	13	26	19
Direction and Force of Winds (0-12)	NW 2	SW 5	SW 3	W 2	SW 3	SW 2	SSW 4	S 3	SW 2	SSW 3	WSW 5	SE 5	NE 5	WSW 2	SE 2	NNW 3	NW 2
Weather	fair	cloudy	cloudy	cloudy	cloudy	clear	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	fog	clear	fair
Station Hour of Observation																	
Air Pressure (Red to sea and 500 ft) mb.	09.5	08.7	07.0	07.9	11.3	11.0	11.5	10.4	11.5	08.4	12.0	-	10.9	14.5	15.2	06.4	07.1
Air Temperature (on 1) °C	31	27	33	30	29	29	28	29	29	26	31	-	32	27	27	12	12
Direction and Force of Winds (0-12)	S 2	ESE 3	- 1	SSE 2	SE 4	N 2	SE 2	ENE 2	E 2	calm	WNW 3	-	N 1	SW 4	NW 2	NE 4	S 2
Weather	clear	clear	cloudy	cloudy	fair	cloudy	rain	cloudy	cloudy	fair	fair	-	clear	clear	clear	clear	clear

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No. 4545

北太平洋天氣圖



Explanation of Symbols
 ☉ Clear ☁ Partly Cloudy
 ☁ 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.

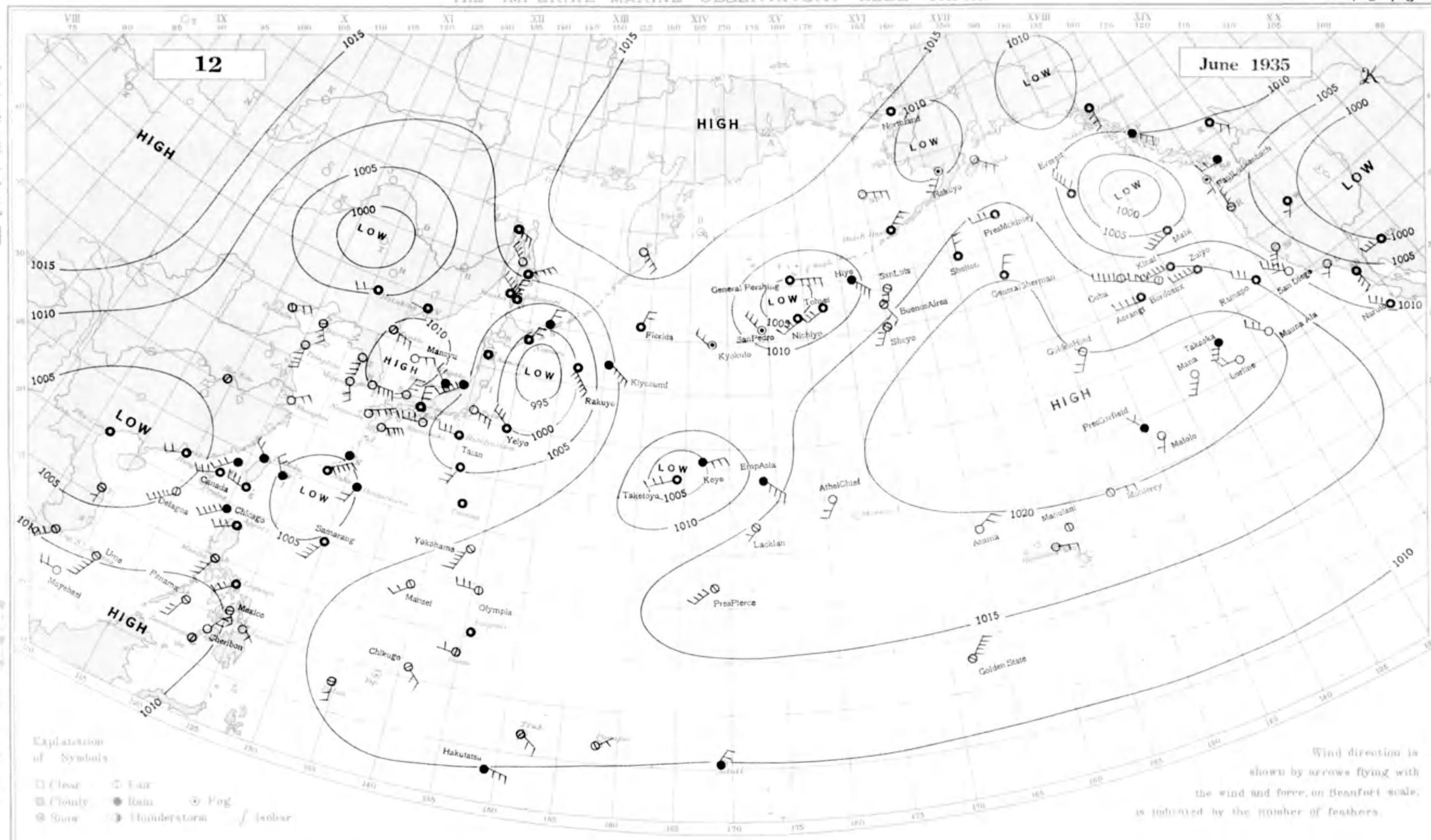
Station	Tsukuba 139° 135 E	Saha 139° 135 E	Hogokuzima 137° 135 E	Nagasaki 129° 135 E	Suisan 124° 135 E	Ryūkyū 125° 135 E	Tyōshū 125° 135 E	Hatayōsima 125° 135 E	Shimonoseki 127° 135 E	Wajima 125° 135 E	Aomori 125° 135 E	Nomura 125° 135 E	Ofunato 125° 135 E	Miyako 125° 135 E	Zōshō 125° 135 E	Dairen 125° 135 E	Hankow 119° 135 E
Hour of observation	06.6	06.9	07.9	05.9	03.3	04.4	00.4	03.5	07.1	06.6	00.2	01.2	07.5	07.4	07.7	08.0	07.1
Air Pressure (Bar to sea level and feet in inch)	32	27	28	24	23	24	23	23	29	17	15	8	7	24	19	27	22
Direction and Force of Winds (10/12)	NNW 2	SSW 3	SW 3	WNW 3	W 3	SW 3	SSW 5	WSW 3	WSW 2	WNW 3	NW 3	ENE 3	NE 6	NW 2	SSE 2	S 3	- 1
Weather	fair	cloudy	cloudy	cloudy	cloudy	fair	clear	cloudy	cloudy	cloudy	cloudy	rain	cloudy	fair	fair	clear	fair
Station	Tientsin 117° 135 E	Tsingtau 120° 135 E	Shanghai 121° 135 E	Hankow 114° 135 E	Saipan 124° 135 E	Batavia 106° 135 E	Truk 138° 135 E	Ponape 158° 135 E	Guam 145° 135 E	Hongkong 114° 135 E	Manila 121° 135 E	Philippine 118° 135 E	Surigao 124° 135 E	Honolulu 155° 135 E	Midway I. 155° 135 E	Dutch Harbor 155° 135 E	Kodiak 155° 135 E
Hour of observation	04.6	08.8	06.6	07.5	10.7	11.3	10.1	10.6	12.2	06.7	11.4	06.6	11.7	15.9	15.2	07.8	08.4
Air Pressure (Bar to sea level and feet in inch)	32	26	26	31	28	30	29	26	26	27	32	27	30	27	-	9	16
Direction and Force of Winds (10/12)	SW 3	SSE 2	- 1	E 2	calm	SSE 2	NNE 2	calm	SE 2	SW 1	SW 2	SSE 3	E 1	S 3	-	SE 3	S 2
Weather	fair	clear	cloudy	clear	rain	fair	cloudy	cloudy	rain	rain	fair	rain	cloudy	cloudy	-	cloudy	fair

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No 4546

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	Fukuoka	Naha	Ooyarizumi	Nagasaki	Siomi-saki	Kobe	Tyoki	Hatidyosuna	Tokyo	Wakana	Amori	Nemuro	Otomari	Moppo	Zyosar	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 and 500 ft) (mb)	05.9	03.7	05.0	07.0	05.6	08.3	03.0	03.8	05.9	09.6	02.1	99.9	05.7	09.9	10.7	06.7	03.5
Air Temperature (in C)	27	26	26	26	22	22	20	24	24	15	16	10	6	26	17	24	26
Direction and Force of Winds (0-12) Wester	NW 2 rain	NE 5 cloudy	SW 2 rain	ENE 4 clear	W 3 clear	N 3 cloudy	ESE 3 clear	W 3 cloudy	calm	NNW 2 rain	- 1 cloudy	NE 2 cloudy	NW 5 cloudy	SSE 2 clear	ESE 3 fair	SSE 3 fair	WSW 2 cloudy
Station	Tientsin	Tsingtau	Shanghai	Hankow	Saipan	Palau	Truk	Panapa	Jaluit	Hongkong	Manila	Phi Lien	Surigao	Donabua	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 (Red to sea and 500 ft) (mb)	07.4	07.9	08.4	06.4	11.8	10.4	10.1	09.9	13.5	04.6	10.7	03.4	09.7	15.2	-	13.2	13.2
Air Temperature (in C)	34	22	26	31	27	31	29	30	26	28	32	31	33	28	-	8	9
Direction and Force of Winds (0-12) Wester	ENE 2 fair	S 4 clear	NE 2 clear	- 1 fair	- 1 cloudy	S 2 fair	SE 2 fair	ENE 2 fair	NNE 2 rain	WSW 2 cloudy	SW 3 fair	calm	SE 1 clear	E 2 clear	-	NE 3 cloudy	SE 2 clear

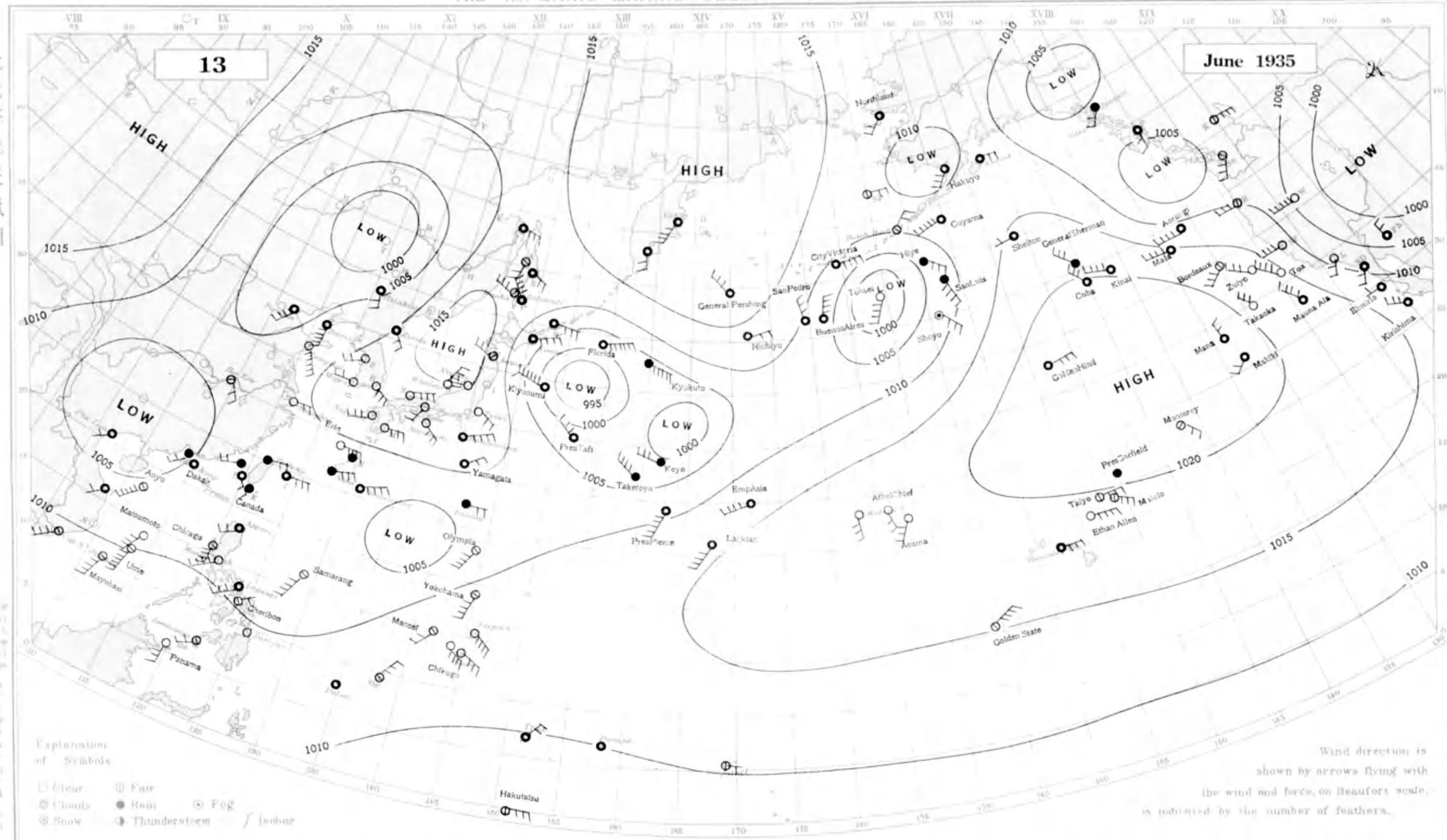
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 4547

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.

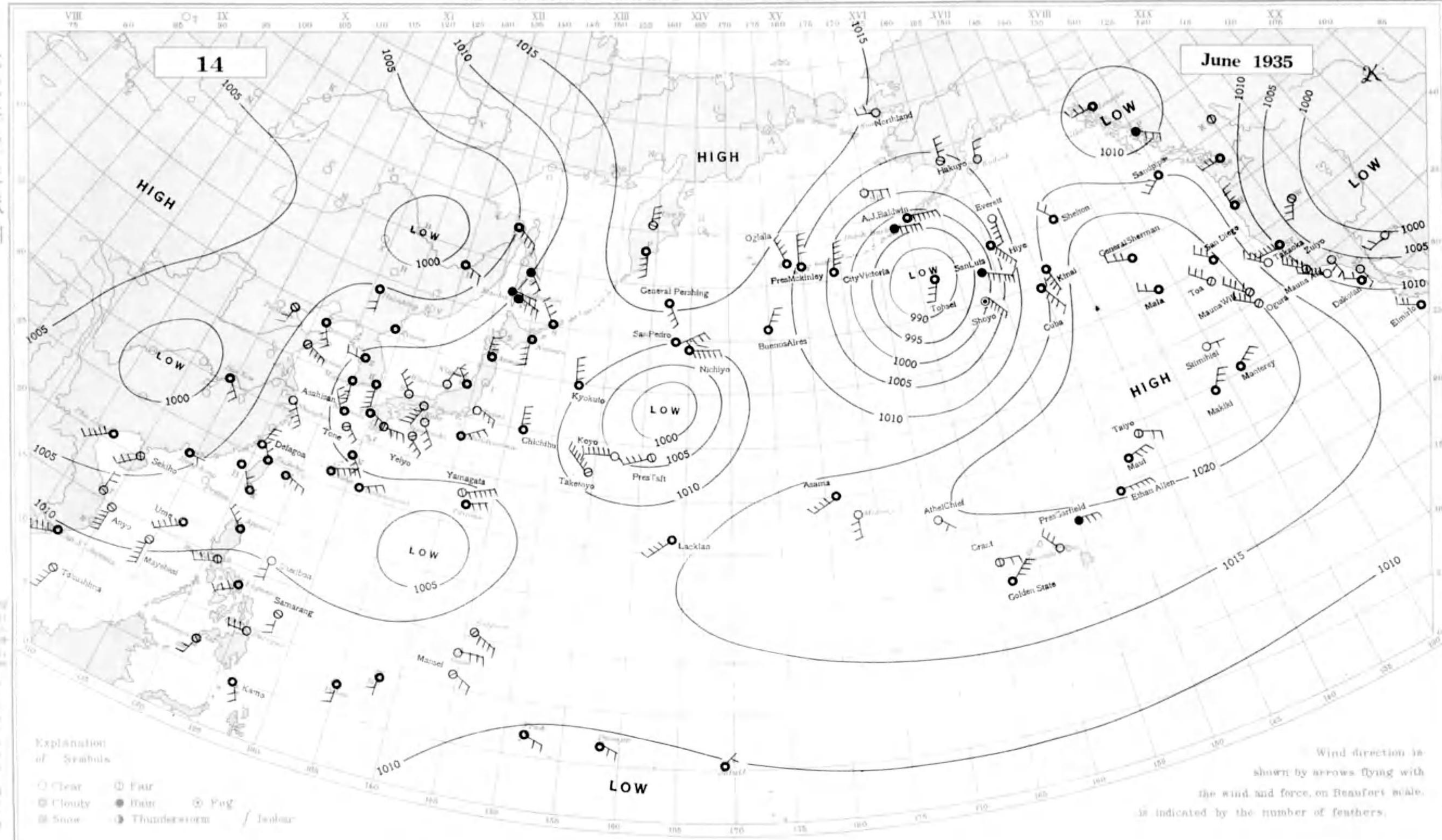
Station	Taihoku 12° 135 E	Naha 12° 135 E	Omoyajima 12° 135 E	Nagasaki 12° 135 E	Sumitomo 12° 135 E	Kobe 12° 135 E	Tyosai 12° 135 E	Hatidyosima 12° 135 E	Taiyosima 12° 135 E	Wakana 12° 135 E	Amoy 12° 135 E	Nemuro 12° 135 E	Dotomari 12° 135 E	Moppo 12° 135 E	Zyosin 12° 135 E	Hairen 12° 135 E	Hanking 12° 135 E
Hour of Observation																	
Atm. Pressure (984 is sea and 544 0r) (mb)	08.7	07.7	08.6	10.7	10.7	11.0	11.3	11.8	09.2	14.6	12.2	08.7	12.4	12.3	09.9	07.8	04.2
Air Temperature (in C)	24	25	27	26	23	25	20	22	22	19	17	9	10	26	18	24	22
Direction and Force of Winds (0-12)	E 2	ENE 3	ENE 4	WSW 3	SE 3	SW 2	ESE 2	ENE 4	E 2	NE 3	WNW 3	ENE 4	NNW 4	W 2	SSE 2	S 5	SSE 2
Weather	rain	rain	cloudy	clear	clear	clear	clear	cloudy	rain	clear	fair	cloudy	cloudy	clear	fog	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	Palmyra 12° 135 E	Hongkong 10°	Manila 14°	Phu Lien 10°	Surigao 14°	Honolulu 21° 155 W	Midway I. 33° 165 W	Dutch Harbor 58° 170 W	Kodiak 58° 135 W
Hour of Observation																	
Atm. Pressure (984 is sea and 544 0r) (mb)	01.6	09.6	09.3	05.1	12.2	11.0	12.0	10.9	13.1	04.7	11.1	03.5	10.3	15.9	15.9	11.8	09.8
Air Temperature (in C)	35	22	26	32	30	30	29	26	28	28	32	30	33	27	-	10	10
Direction and Force of Winds (0-12)	SW 4	SSE 5	E 2	SE 2	SE 4	- 1	NE 2	calm	E 1	SW 2	SW 4	SW 1	N 1	E 3	S 3	NE 2	E 2
Weather	cloudy	clear	clear	fair	clear	cloudy	cloudy	cloudy	fair	rain	clear	cloudy	clear	cloudy	clear	fair	cloudy

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No. 4548

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° 18' N, 125° E	Oosaratama 12° 18' N, 135° E	Nagasaki 12° 18' N, 135° E	Simasaki 12° 18' N, 135° E	Kobe 12° 18' N, 135° E	Tokyo 12° 18' N, 135° E	Hatayodomo 12° 18' N, 135° E	Tokyo 12° 18' N, 135° E	Wakana 12° 18' N, 135° E	Aomori 12° 18' N, 135° E	Nemuro 12° 18' N, 135° E	Utsunomiya 12° 18' N, 135° E	Miyako 12° 18' N, 135° E	Zyosin 12° 18' N, 135° E	Dairen 12° 18' N, 135° E	Hsinking 12° 18' N, 135° E
Station	Tientsin 12° 18' N, 135° E	Tsingtau 12° 18' N, 135° E	Shanghai 12° 18' N, 135° E	Hankow 12° 18' N, 135° E	Saipan 12° 18' N, 135° E	Palau 12° 18' N, 135° E	Truk 12° 18' N, 135° E	Ponape 12° 18' N, 135° E	Jaluit 12° 18' N, 135° E	Hongkong 10°	Manila 14°	Phi Lim 10°	Surigao 14°	Honolulu 21°	Midway I. 30°	Dutch Harbor 58°	Kodiak 58°
Atm. Pressure (Red sea level and 560 ft) mb.	07.1	08.3	08.4	11.5	13.3	12.8	13.9	14.3	07.9	11.7	11.8	13.7	10.9	11.1	07.8	09.1	05.6
Air Temperature (in °C)	31	26	26	26	25	25	21	24	23	23	16	7	5	24	17	22	25
Direction and Force of Winds (0-12)	NNW 2	ENE 5	ENE 3	ESE 2	SSE 3	SSW 4	ESE 3	ENE 3	ENE 3	NE 2	N 3	S 4	ESE 3	S 2	- 1	SSE 3	S 2
Weather	cloudy	cloudy	cloudy	cloudy	clear	clear	clear	cloudy	cloudy	clear	cloudy	cloudy	rain	cloudy	cloudy	cloudy	cloudy
Atm. Pressure (Red sea level and 560 ft) mb.	04.2	08.0	06.6	03.3	10.6	10.6	09.7	09.5	11.7	04.6	12.0	02.4	10.3	15.9	15.9	99.6	10.5
Air Temperature (in °C)	33	21	27	32	29	30	29	30	26	27	32	31	32	27	-	9	10
Direction and Force of Winds (0-12)	SSW 2	ESE 4	SSE 4	SE 2	SE 4	S 2	ESE 2	ESE 2	NE 1	E 1	WSW 3	SW 5	W 3	NW 3	S 3	E 5	N 2
Weather	fair	fair	clear	cloudy	fair	cloudy	cloudy	cloudy	cloudy	cloudy	fair	cloudy	clear	clear	clear	rain	clear

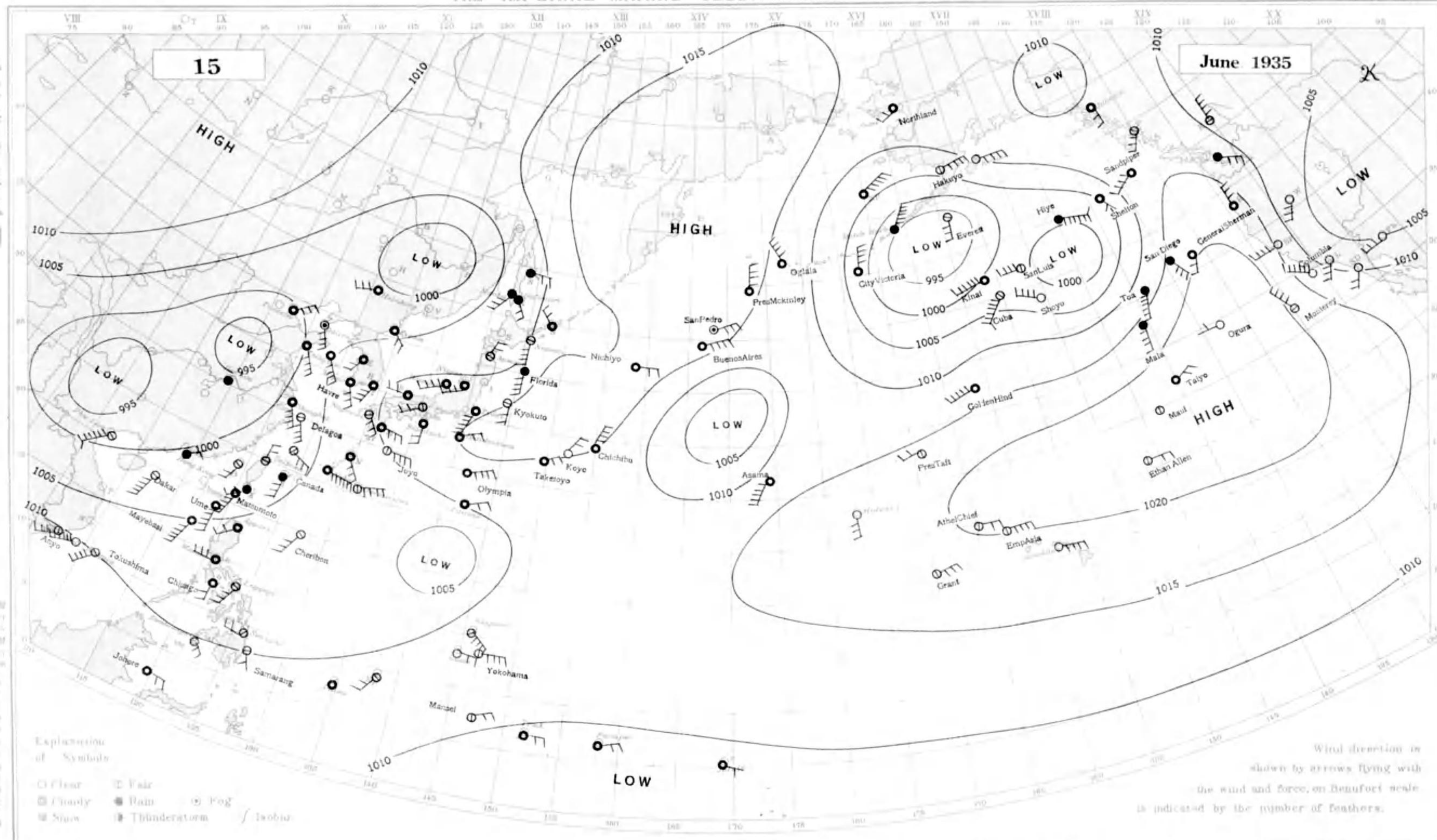
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(North of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4549

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.

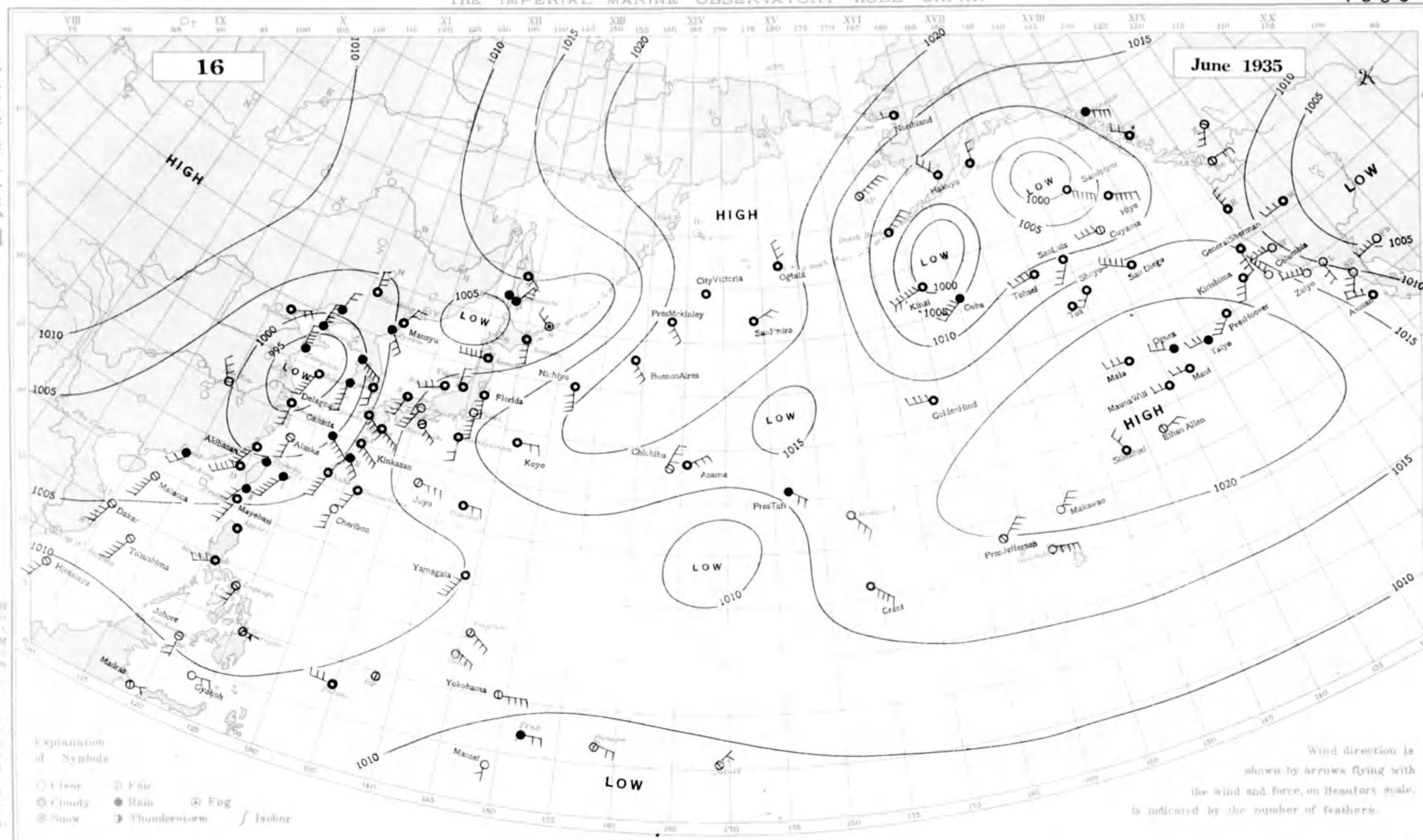
Station	Yokohama 12° 135 E	Naha 12° 135 E	Okinawa 12° 145 E	Nagasaki 12° 135 E	Saigai 12° 135 E	Kobe 12° 135 E	Tokyo 12° 135 E	Hakodate 12° 135 E	Tsushima 12° 135 E	Wakayama 12° 135 E	Aomori 12° 135 E	Nomura 12° 135 E	Otsu 12° 135 E	Miyako 12° 135 E	Zyosin 12° 135 E	Dairen 12° 135 E	Hsinking 12° 135 E
Atm. Pressure (1013.25 = 30 in)	03.1	06.6	08.7	09.7	13.5	12.7	12.4	15.0	11.1	10.9	09.6	10.4	06.9	07.8	04.7	02.4	00.4
Air Temperature (in F)	31	26	27	27	24	24	24	21	24	25	21	10	10	26	18	19	22
Direction and Force of Winds (0-12)	N 2	E 5	ENE 4	SE 3	S 2	SW 2	SSW 5	ENE 2	ENE 2	WSW 4	NNE 2	S 4	SSE 2	SSE 3	SE 2	SSE 4	WSW 3
Weather	fair	cloudy	fair	fair	cloudy	fair	cloudy	cloudy	cloudy	cloudy	fair	fog	rain	cloudy	cloudy	fog	cloudy
Station	Tientsin 12° 135 E	Tungshan 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	Yokohama 12° 135 E	Hongkong 12° 135 E	Manila 12° 135 E	Phu-Lien 12° 135 E	Surigao 12° 135 E	Honolulu 12° 135 E	Midway I. 12° 135 E	Dutch Harbor 12° 135 E	Kodiak 12° 135 E
Atm. Pressure (1013.25 = 30 in)	99.8	00.7	01.0	97.5	10.6	10.1	08.2	08.3	11.1	03.4	06.7	99.9	08.8	17.3	17.3	96.3	10.5
Air Temperature (in F)	26	21	29	28	30	27	29	28	28	26	30	31	32	27	-	8	11
Direction and Force of Winds (0-12)	NE 3	SSE 4	SSE 4	- 1	SE 4	- 1	E 2	ENE 2	ESE 1	NE 1	W 3	SW 7	W 2	E 4	S 3	NE 5	E 4
Weather	cloudy	fog	cloudy	rain	fair	cloudy	cloudy	cloudy	cloudy	rain	cloudy	fair	fair	clear	clear	rain	clear

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No 4550

北太平洋天氣圖



Explanation of Symbols

- Clear
- ☁ 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	Taipei 12° 13' N, 121° 50' E	Naha 12° 13' N, 128° 15' E	Hongkong 22° 19' N, 114° 10' E	Nagasaki 32° 47' N, 128° 10' E	Siemsaiki 35° 10' N, 140° 00' E	Kobe 34° 40' N, 135° 10' E	Tsushima 33° 20' N, 130° 00' E	Hatayama 35° 10' N, 139° 30' E	Tokyo 35° 40' N, 139° 45' E	Wakana 35° 10' N, 140° 00' E	Aomori 40° 40' N, 140° 30' E	Nemuro 44° 10' N, 145° 00' E	Utsunomiya 42° 10' N, 140° 00' E	Miyako 42° 10' N, 145° 00' E	Zyusin 42° 10' N, 145° 00' E	Dairen 41° 10' N, 135° 00' E	Hsinking 42° 10' N, 135° 00' E
Air Pressure (Red sea level and 500 ft) mb.	00.2	03.9	07.3	04.6	12.7	10.9	13.3	14.4	11.4	09.2	08.7	08.2	08.6	99.0	05.0	97.5	03.0
Air Temperature (in C)	29	26	28	26	24	26	23	23	25	28	27	13	7	23	15	17	17
Direction and Force of Winds (0-12)	1	SSW 5	SSW 3	SE 6	SE 3	SW 4	S 5	S 2	E 2	WSW 3	W 5	S 3	NE 3	S 6	SSE 3	NNE 5	N 2
Weather	rain	cloudy	cloudy	cloudy	fair	clear	clear	cloudy	cloudy	cloudy	cloudy	cloudy	rain	rain	rain	rain	cloudy
Station	Tientsin 39° 05' N, 117° 10' E	Tsingtau 37° 00' N, 121° 00' E	Shanghai 31° 10' N, 121° 30' E	Hankow 30° 40' N, 114° 10' E	Saipan 13° 45' N, 145° 30' E	Palau 7° 40' N, 133° 00' E	Truk 10° 10' N, 137° 30' E	Ponape 7° 10' N, 157° 30' E	Manila 14° 30' N, 121° 00' E	Phu-Lan 16° 00' N, 105° 00' E	Sourabaya 7° 10' S, 104° 00' E	Honolulu 21° 18' N, 157° 51' W	Midway I. 33° 45' N, 165° 45' W	Dutch Harbor 58° 45' N, 156° 45' W	Kodiak 58° 45' N, 156° 45' W		
Air Pressure (Red sea level and 500 ft) mb.	00.7	93.7	94.0	00.4	11.0	10.1	10.9	08.4	11.0	99.0	09.3	-	09.1	18.6	19.3	07.8	08.4
Air Temperature (in C)	26	19	30	27	30	28	24	30	28	28	32	-	32	27	-	10	9
Direction and Force of Winds (0-12)	ENE 2	N 6	S 3	NNW 3	SE 3	W 3	E 2	ESE 2	NE 1	SW 2	WSW 3	-	E 1	E 4	SE 3	NE 4	N 2
Weather	cloudy	rain	cloudy	fair	fair	cloudy	rain	fair	fair	rain	cloudy	-	fair	clear	clear	cloudy	cloudy

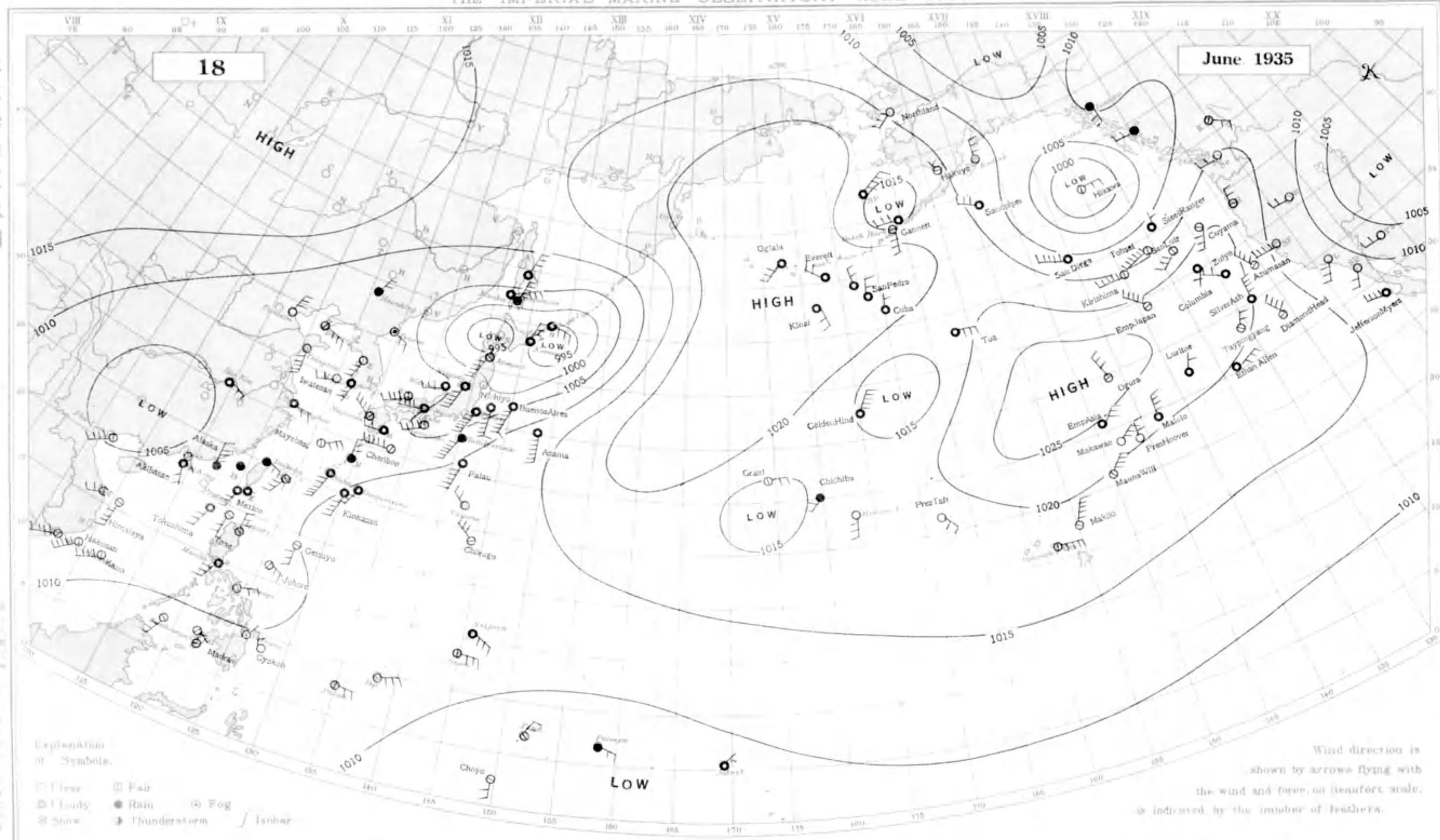
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4552

北太平洋天氣圖



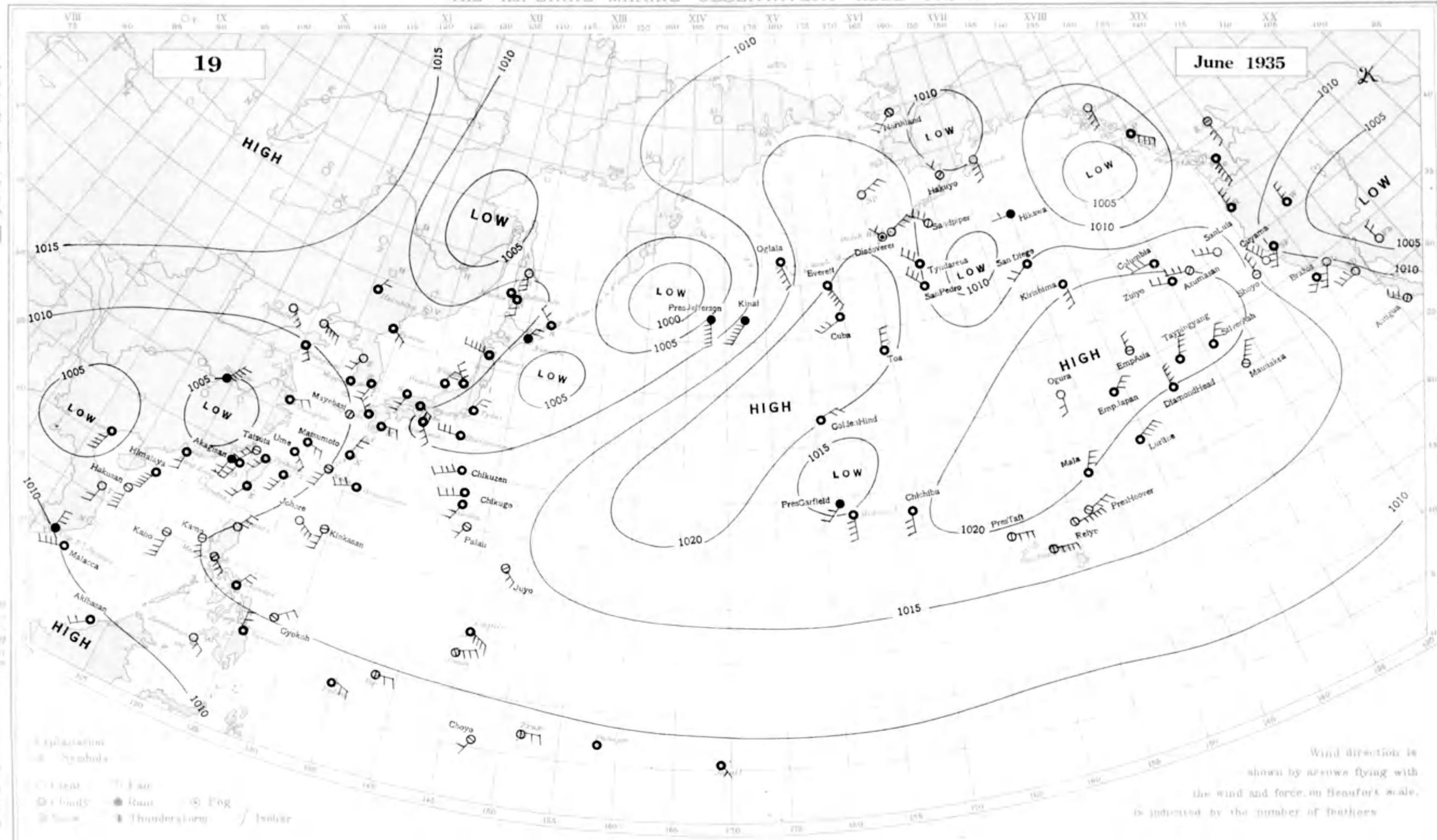
Station	Iatohoku 12° 135 E	Naha 12° 135 E	Oowarizimu 12° 135 E	Nagasaki 12° 135 E	Siem saki 12° 135 E	Kobe 12° 135 E	Tyohai 12° 135 E	Haidyosima 12° 135 E	Tiufima 12° 135 E	Wozima 12° 135 E	Aomeri 12° 135 E	Nemuro 12° 135 E	Otomari 12° 135 E	Moppo 12° 135 E	Zyosin 12° 135 E	Dairen 12° 135 E	Hanking 12° 135 E
Hour of Observation																	
Atm. Pressure (Sea level and 3rd. 100) mb.	09.5	08.2	11.1	09.1	03.3	05.3	02.3	06.0	13.0	05.6	98.3	05.4	03.5	08.8	05.3	06.3	05.3
Air Temperature (in C.)	27	27	29	23	27	25	23	23	28	23	23	13	6	24	11	23	15
Direction and Force of Winds (0-12)	ESE 2	SSW 6	SW 3	NW 4	WSW 4	W 4	SW 6	SW 6	NNW 2	WSW 3	SW 5	NNE 2	NNE 6	SSW 2	ESE 2	ESE 3	NNE 2
Weather	rain	cloudy	cloudy	fair	fair	cloudy	cloudy	rain	clear	cloudy	fair	cloudy	rain	cloudy	fog	fair	rain
Station	Tientsin 12° 135 E	Tsingtau 12° 135 E	Shanghai 12° 135 E	Hankow 12° 135 E	Saipan 12° 135 E	Philau 12° 135 E	Truk 12° 135 E	Ponape 12° 135 E	Falufi 0°	Hongkong 10°	Manila 14°	Phu Lien 10°	Savigno 14°	Honolulu 21°	Midway I. 22°	Pitcheharbor 22°	Kodiak 58°
Hour of Observation																	
Atm. Pressure (Sea level and 3rd. 100) mb.	05.9	05.5	09.3	06.1	11.3	10.6	09.3	09.5	10.3	05.3	11.0	02.9	10.6	15.9	17.3	15.2	12.5
Air Temperature (in C.)	29	23	28	32	28	30	30	28	28	26	28	32	32	28	-	13	10
Direction and Force of Winds (0-12)	NNE 3	S 5	E 2	ESE 2	ESE 3	E 2	NNE 2	ESE 2	NE 1	SE 1	SW 3	SW 4	NE 1	E 4	S 3	S 3	N 3
Weather	clear	clear	cloudy	cloudy	cloudy	fair	fair	rain	cloudy	fair	cloudy	fair	clear	fair	clear	fair	rain

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No 4553

北太平洋大氣圖



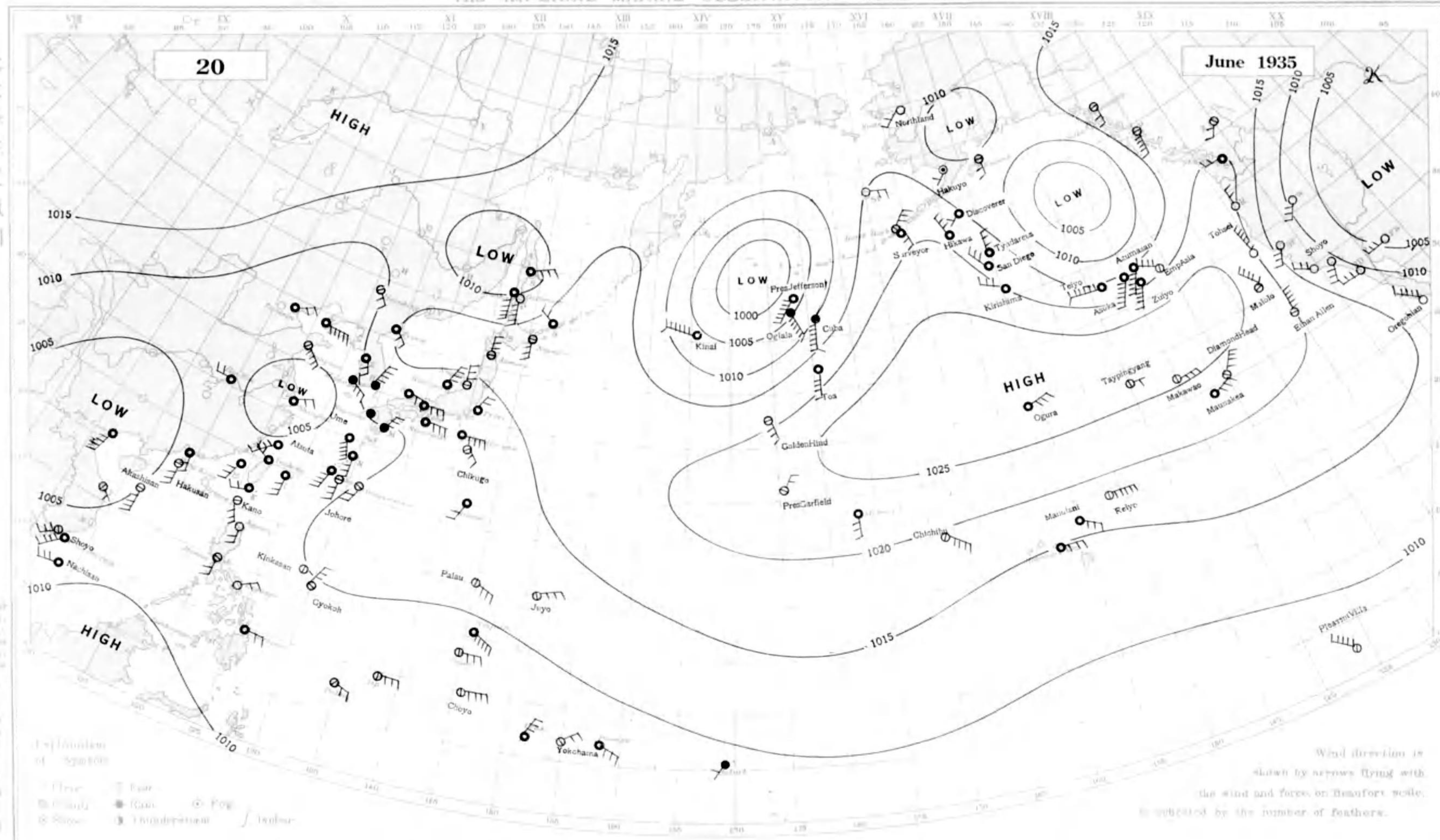
Station	Taihoku (12° 10' N, 135° E)	Naha (12° 10' N, 125° E)	Manzanilla (12° 15' N, 105° E)	Nagasaki (12° 15' N, 135° E)	Simsuaki (12° 10' N, 135° E)	Kobe (12° 10' N, 135° E)	Tsushima (12° 15' N, 135° E)	Hatsushima (12° 15' N, 135° E)	Pitruan (12° 15' N, 135° E)	Wakana (12° 15' N, 135° E)	Aomori (12° 15' N, 135° E)	Nemuro (12° 15' N, 135° E)	Hokkaido (12° 15' N, 135° E)	Maui (12° 15' N, 135° E)	Zyuzai (12° 15' N, 135° E)	Bairin (12° 15' N, 135° E)	Hsinking (12° 15' N, 135° E)
Hour of Observation																	
Air Temperature (in F)	08.7	10.9	12.2	10.4	09.6	10.9	09.3	08.8	13.5	12.0	10.3	08.6	10.1	11.9	13.3	12.2	11.3
Direction and Force of Winds (0-12)	SW 2	SSW 3	WSW 3	NW 2	SSE 3	SE 2	NNE 2	W 3	SW 2	NE 2	WNW 5	NE 2	S 2	- 1	SE 2	ESE 4	NE 2
Weather	cloudy	fair	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	rain	cloudy	cloudy	cloudy	clear	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)	Guam (12° 135° E)	Hongkong (12° 135° E)	Manila (12° 135° E)	Phu-Lien (12° 135° E)	Sourabaya (12° 135° E)	Honolulu (12° 135° E)	Midway I. (12° 135° E)	Dutch Harbor (12° 135° E)	Kodiak (12° 135° E)
Hour of Observation																	
Air Temperature (in F)	11.1	09.0	07.9	05.0	10.4	08.7	09.1	09.0	10.7	06.1	10.0	02.4	10.0	13.9	15.2	15.2	11.2
Direction and Force of Winds (0-12)	SE 3	SSE 2	ENE 2	NE 5	SE 4	ESE 2	E 2	- 1	SSE 1	S 2	SE 3	SSW 4	N 2	E 4	S 4	NE 3	S 3
Weather	clear	cloudy	cloudy	rain	cloudy	cloudy	fair	cloudy	cloudy	cloudy	fair	cloudy	cloudy	fair	cloudy	cloudy	clear

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No 4554

北太平洋天氣圖



Explanation of Symbols

- ☉ Clear
- ☁ Partly
- ☂ Cloudy
- ☉ Fair
- ☁ Rain
- ☂ Fog
- ☂ Thunderstorm
- ☂ Hail

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° 13' N, 121° 48' E)	Naha (12° 18' N, 125° 51' E)	Osaka (13° 15' N, 135° 51' E)	Kobe (12° 10' N, 135° 51' E)	Shimonaki (12° 45' N, 135° 51' E)	Kobe (12° 15' N, 135° 51' E)	Tsushima (12° 30' N, 135° 51' E)	Hatayama (12° 15' N, 135° 51' E)	Tsushima (12° 15' N, 135° 51' E)	Wakana (12° 15' N, 135° 51' E)	Amami (12° 15' N, 135° 51' E)	Naha (12° 18' N, 125° 51' E)	Hatayama (12° 15' N, 135° 51' E)	Miyako (12° 15' N, 135° 51' E)	Zyuzi (12° 15' N, 135° 51' E)	Hakata (12° 15' N, 135° 51' E)	Hankow (12° 15' N, 135° 51' E)
App. Temperature (in °C) and force of Wind (12)	07.7 31	09.9 28	11.7 29	10.1 21	12.2 27	11.4 28	14.7 19	12.6 24	13.6 29	13.7 20	15.9 15	16.4 21	12.3 11	08.6 21	15.1 14	07.5 19	09.1 25
Direction and Force of Winds (12)	WNW 2	SSW 4	SSW 2	- 1	E 3	E 3	NNE 2	E 4	SW 2	NE 4	N 3	S 3	S 6	ESE 3	SE 2	E 5	SE 2
Weather	cloudy	cloudy	fair	rain	cloudy	fog	cloudy	cloudy	cloudy	cloudy	cloudy	fair	clear	rain	cloudy	cloudy	fair
Station	Tientsin (39° 05' N, 117° 05' E)	Tsingtau (36° 05' N, 120° 05' E)	Shanghai (31° 05' N, 121° 05' E)	Hankow (30° 05' N, 114° 05' E)	Soochow (31° 05' N, 120° 05' E)	Peking (39° 05' N, 116° 05' E)	Tientsin (39° 05' N, 117° 05' E)	Peking (39° 05' N, 116° 05' E)	Tientsin (39° 05' N, 117° 05' E)	Hankow (30° 05' N, 114° 05' E)	Shanghai (31° 05' N, 121° 05' E)	Peking (39° 05' N, 116° 05' E)	Soochow (31° 05' N, 120° 05' E)	Shanghai (31° 05' N, 121° 05' E)	Tientsin (39° 05' N, 117° 05' E)	Hankow (30° 05' N, 114° 05' E)	Peking (39° 05' N, 116° 05' E)
App. Temperature (in °C) and force of Wind (12)	05.7 21	06.4 22	03.4 21	06.4 25	09.6 29	07.7 30	07.7 29	07.9 29	13.1 24	07.1 28	09.1 33	02.7 30	09.0 29	13.9 28	15.2 -	15.9 11	13.2 16
Direction and Force of Winds (12)	ENE 2	SE 4	ENE 2	W 2	SE 5	ESE 2	NNE 3	ESE 2	SW 1	S 2	S 2	SSW 4	E 2	E 3	S 3	NE 3	S 2
Weather	cloudy	fair	cloudy	cloudy	cloudy	fair	cloudy	cloudy	rain	cloudy	fair	cloudy	cloudy	cloudy	cloudy	fair	fair

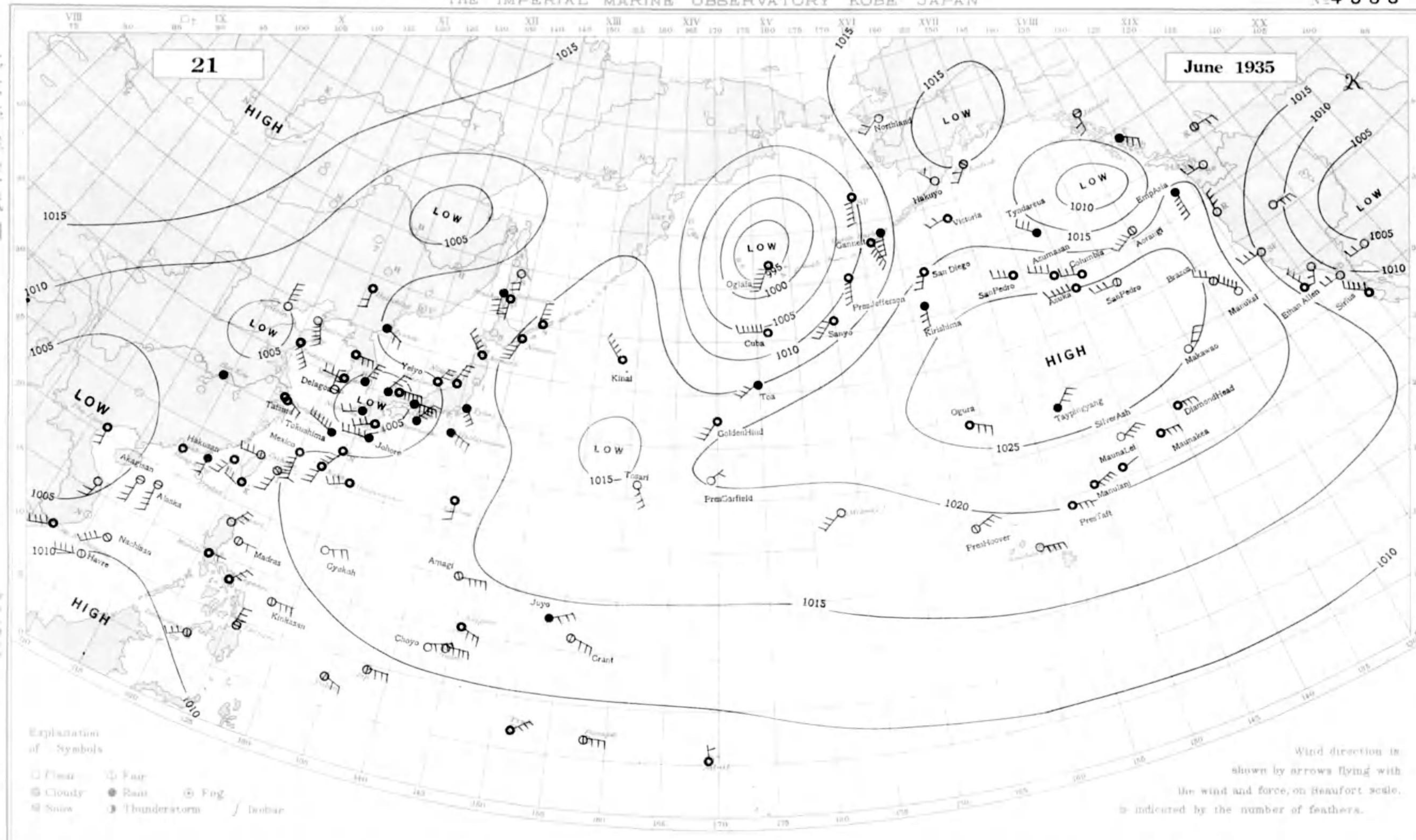
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 4555

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.

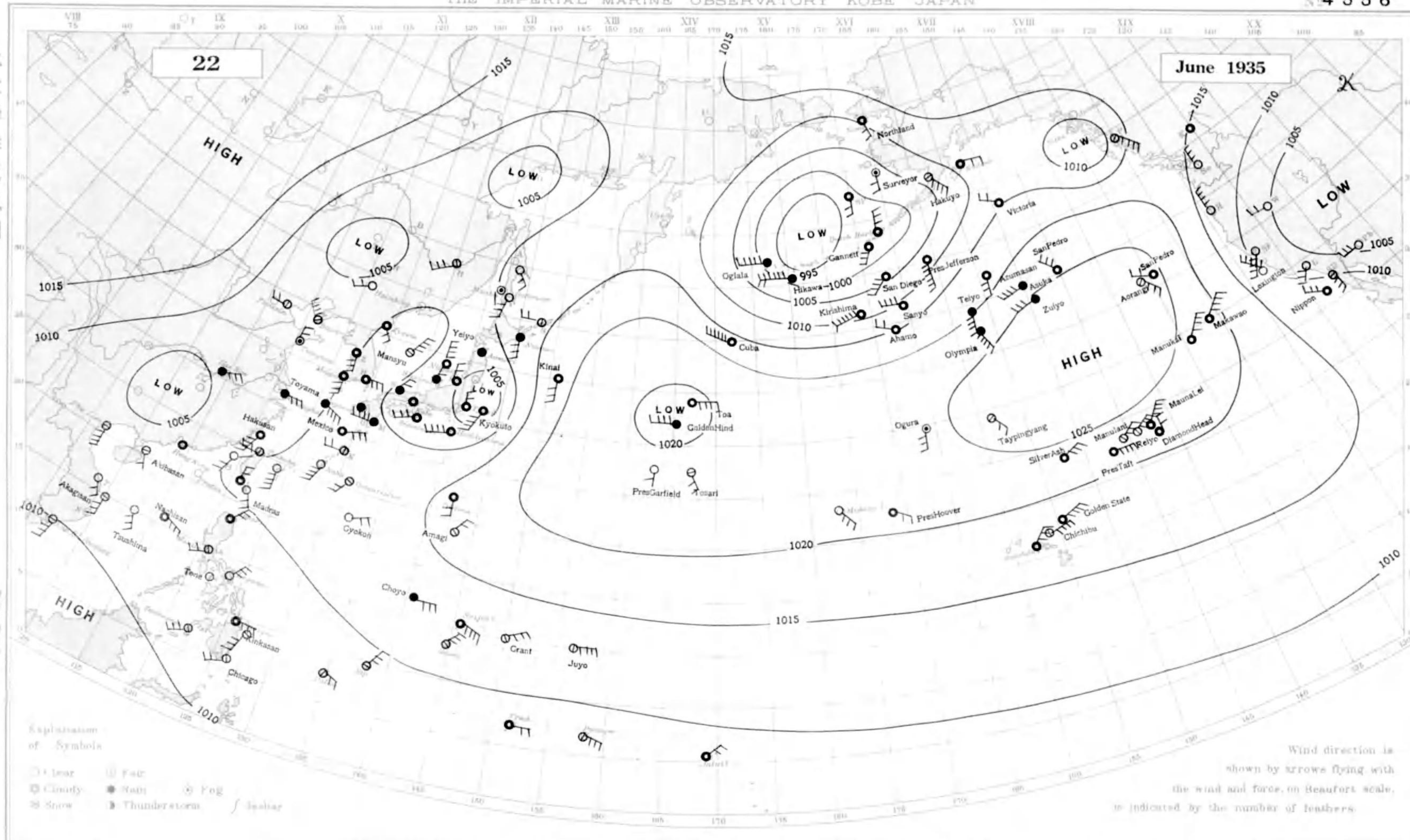
Station	Tsukuba 125° 135 E	Naha 125° 135 E	Osaka 125° 135 E	Nagasaki 125° 135 E	Shimonoseki 125° 135 E	Kobe 125° 135 E	Fukuoka 125° 135 E	Hiroshima 125° 135 E	Yokohama 125° 135 E	Manila 125° 135 E	Amoy 125° 135 E	Shanghai 125° 135 E	Hankow 125° 135 E	Saipan 125° 135 E	Peking 125° 135 E	Truk 125° 135 E	Ponape 125° 135 E	Yokohama 125° 135 E	Manila 125° 135 E	Shanghai 125° 135 E	Hankow 125° 135 E	Saipan 125° 135 E	Peking 125° 135 E	
Atm. Pressure (Red Sea Level and Sea Level) mb.	08.4	10.1	11.1	02.3	07.3	05.7	13.7	12.6	14.0	09.7	13.2	17.0	14.1	05.9	12.8	06.6	07.1							
Air Temperature (in C)	33	28	29	23	19	20	22	22	30	22	18	11	10	24	14	23	25							
Direction and Force of Winds (0-12)	W 3	SSW 4	WSW 3	WSW 2	NE 5	E 5	SSE 3	ESE 3	S 2	NE 3	NNW 4	SW 4	S 2	W 2	ESE 2	SSE 5	S 2							
Weather	fair	cloudy	cloudy	rain	rain	rain	rain	rain	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	rain	clear	cloudy							
Station	Tientsin 125° 135 E	Tsingtau 125° 135 E	Shanghai 125° 135 E	Hankow 125° 135 E	Saipan 125° 135 E	Peking 125° 135 E	Truk 125° 135 E	Ponape 125° 135 E	Yokohama 125° 135 E	Manila 125° 135 E	Shanghai 125° 135 E	Hankow 125° 135 E	Saipan 125° 135 E	Peking 125° 135 E	Truk 125° 135 E	Ponape 125° 135 E	Yokohama 125° 135 E	Manila 125° 135 E	Shanghai 125° 135 E	Hankow 125° 135 E	Saipan 125° 135 E	Peking 125° 135 E	Truk 125° 135 E	Ponape 125° 135 E
Atm. Pressure (Red Sea Level and Sea Level) mb.	05.0	06.7	08.2	05.9	10.7	08.6	07.8	08.2	10.9	07.1	09.7	04.7	08.7	15.9	17.9	13.9	14.5							
Air Temperature (in C)	25	22	23	25	29	30	28	30	28	27	30	29	31	27	-	8	17							
Direction and Force of Winds (0-12)	N 4	SSE 5	- 1	- 1	ESE 3	ESE 2	ENE 3	E 3	N 1	calm	E 1	S 2	N 3	E 4	SW 3	S 4	SW 2							
Weather	clear	cloudy	cloudy	rain	cloudy	fair	cloudy	fair	cloudy	cloudy	cloudy	cloudy	fair	clear	clear	rain	fair							

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No. 4556

北太平洋天氣圖



Explanation of Symbols

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

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

Station	Tsukuba 125° 34'E	Naha 125° 18'E	Doguzima 125° 13'E	Saga-saki 125° 13'E	Siomi-saki 125° 18'E	Kobe 125° 19'E	Tyoko 125° 13'E	Hatidyosima 125° 19'E	Titixima 125° 19'E	Wajima 125° 19'E	Aomori 125° 13'E	Nemuro 125° 19'E	Otomari 125° 13'E	Nippo 125° 13'E	Zyosin 125° 13'E	Dairen 125° 13'E	Beikang 125° 13'E
Atm. Pressure (Red sea level and 3rd 10' h)	09.6	11.3	12.3	11.1	06.0	07.5	04.0	07.4	15.7	08.0	07.0	14.6	12.2	10.7	12.6	07.9	06.9
Air Temperature (in C)	32	28	29	19	24	23	18	25	30	17	18	10	14	22	14	22	25
Direction and Force of Winds (0-12)	W 2	SSW 4	SW 2	- 1	WSW 3	- 1	N 2	WSW 4	S 2	NNE 2	- 1	S 3	SSW 3	S 2	SSE 2	NNW 4	WSW 2
Weather	fair	clear	fair	rain	cloudy	cloudy	cloudy	fog	cloudy	rain	rain	rain	clear	cloudy	fog	fair	clear
Station	Tientsin 125° 13'E	Tsingtau 125° 13'E	Shanghai 125° 13'E	Hankow 125° 13'E	Saipan 125° 13'E	Palau 125° 13'E	Truk 125° 13'E	Ponape 125° 13'E	Jaluit 6°	Hongkong 10°	Maula 14°	Phi Lien 10°	Surigao 14°	Honolulu 19°	Midway I. 19°	Dutch Harbor 19°	Kodiak 19°
Atm. Pressure (Red sea level and 3rd 10' h)	08.2	07.9	07.8	06.1	10.6	09.2	08.7	09.0	10.7	08.4	10.9	06.9	09.7	16.6	20.6	99.6	11.2
Air Temperature (in C)	29	25	21	22	25	30	27	30	29	27	32	30	31	27	-	8	14
Direction and Force of Winds (0-12)	W 2	N 2	E 3	ENE 3	ESE 4	ESE 2	E 2	ESE 3	ENE 2	calm	WSW 2	S 4	E 3	NE 3	SE 3	N 3	E 2
Weather	fair	fog	rain	rain	cloudy	fair	cloudy	fair	cloudy	cloudy	fair	fair	cloudy	cloudy	clear	cloudy	cloudy

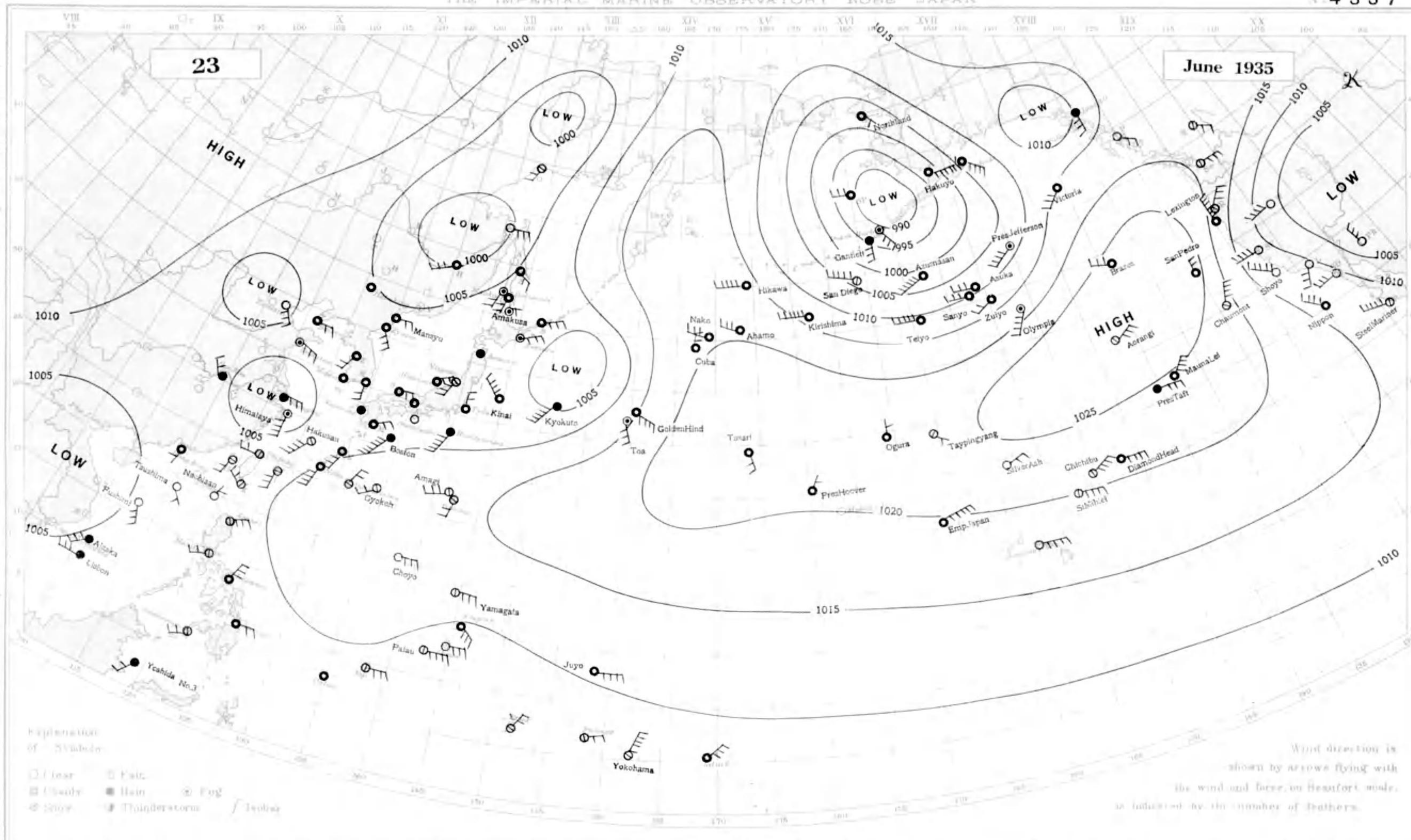
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 4557

北太平洋天氣圖



Explanation of Symbols

☐ Clear ☉ Fair
 ☁ Cloudy ☉ Rain ☉ Fog
 ⚡ Thunderstorm / Isobar

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

Station Name of Observation	Tsukuba 123° 135E	Naha 125° 135E	Omura 125° 135E	Wagasaki 125° 135E	Suisan 125° 135E	Kobe 125° 135E	Tsushima 125° 135E	Haidyosima 125° 135E	Tsushima 125° 135E	Wakana 125° 135E	Aomori 125° 135E	Nemuro 125° 135E	Hokkaido 125° 135E	Mopu 125° 135E	Zemur 125° 135E	Haiton 125° 135E	Hinking 125° 135E
Air Temperature (in °C)	08.2	10.3	11.9	08.2	07.1	09.1	08.0	07.9	14.4	09.6	08.3	08.6	06.1	07.3	08.7	07.5	05.0
Direction and Force of Winds (0-12)	W 2	SSW 4	NNE 2	- 1	SW 2	- 1	N 2	SW 5	SSW 2	ENE 3	calm	ENE 3	SSW 2	- 1	SSE 3	E 2	- 1
Weather	fair	cloudy	fair	rain	cloudy	cloudy	cloudy	rain	fair	cloudy	rain	fog	cloudy	cloudy	fog	cloudy	cloudy
Station Name of Observation	Tsushima 125° 135E	Yokohama 125° 135E	Shanghai 125° 135E	Hankow 125° 135E	Saipan 125° 135E	Peking 125° 135E	Tsukuba 125° 135E	Panama 125° 135E	Hankow 125° 135E	Hongkong 125° 135E	Manila 125° 135E	Philippine 125° 135E	Surabaya 125° 135E	Bombay 125° 135E	Madras 125° 135E	Dutch Harbor 125° 135E	Kodiak 125° 135E
Air Temperature (in °C)	04.8	06.3	02.9	05.2	09.5	09.3	08.3	08.2	09.2	08.8	09.1	-	08.7	16.6	19.3	22.9	08.4
Direction and Force of Winds (0-12)	SE 3	ESE 3	E 3	NW 2	SE 3	- 1	NNE 2	ENE 2	NE 3	SSW 1	WSW 2	-	E 2	E 4	-	SE 3	SE 4
Weather	clear	fog	rain	rain	cloudy	cloudy	fair	fair	cloudy	cloudy	fair	-	cloudy	clear	-	cloudy	cloudy

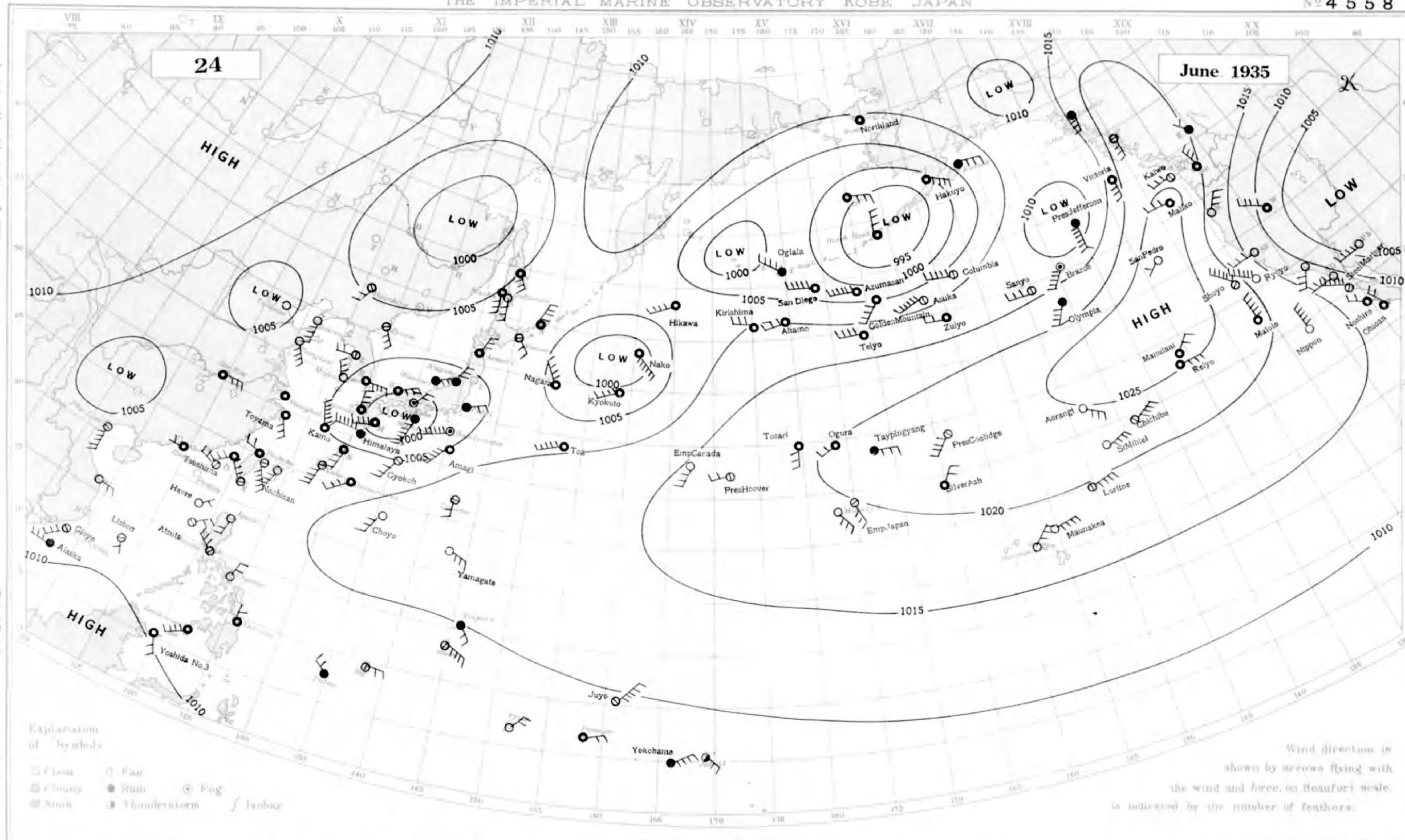
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4558

北太平洋天氣圖



Station	Tsukuba 123° 135 E	Naha 123° 135 E	Manzanilla 123° 135 E	Nagasaki 123° 135 E	Shimonoseki 123° 135 E	Kobe 123° 135 E	Yokohama 123° 135 E	Hatayama 123° 135 E	Tokyo 123° 135 E	Wakana 123° 135 E	Aomori 123° 135 E	Nemuro 123° 135 E	Dalman 123° 135 E	Mopu 123° 135 E	Zyokan 123° 135 E	Dairen 123° 135 E	Hanking 123° 135 E
Hour of observation																	
Atm. Pressure (Red to sea level and Sea level)	07.3	08.2	09.5	02.3	99.0	99.0	03.1	04.7	12.8	02.0	05.5	05.2	04.6	05.9	05.7	06.0	02.1
Air Temperature (in C)	32	29	30	21	25	19	16	24	30	18	18	17	15	23	18	26	28
Direction and Force of Winds (0-12)	WNW 2	SSW 4	SW 3	N 3	SSW 6	NE 2	ENE 2	WSW 6	S 2	ENE 4	NNE 3	SSE 2	S 3	NNW 3	SSE 3	S 4	SW 2
Weather	cloudy	fair	cloudy	cloudy	rain	fog	rain	fog	fair	rain	cloudy	fair	clear	clear	fair	clear	fair
Station	Tientsin 123° 135 E	Tsingtau 123° 135 E	Shanghai 123° 135 E	Hankow 123° 135 E	Saipan 123° 135 E	Palau 123° 135 E	Truk 123° 135 E	Ponape 123° 135 E	Jaluit 123° 135 E	Hongkong 103°	Munila 143°	Phu-Lien 103°	Surigao 143°	Manila 143°	Midway I. 155°	Dutch Harbor 155°	Kodiak 155°
Hour of observation																	
Atm. Pressure (Red to sea level and Sea level)	03.5	06.4	09.1	06.3	10.0	07.9	07.3	07.4	09.2	07.8	07.4	05.5	08.6	16.6	18.6	98.3	06.4
Air Temperature (in C)	32	24	25	24	24	28	30	30	26	27	32	30	30	28	-	8	9
Direction and Force of Winds (0-12)	- 1	SSE 4	- 1	E 3	SSE 2	NW 2	NE 2	ENE 2	SE 2	W 1	NW 3	S 5	N 1	NE 3	SE 3	N 3	E 3
Weather	clear	clear	cloudy	cloudy	rain	rain	clear	cloudy	t.s.	cloudy	fair	fair	cloudy	clear	clear	cloudy	rain

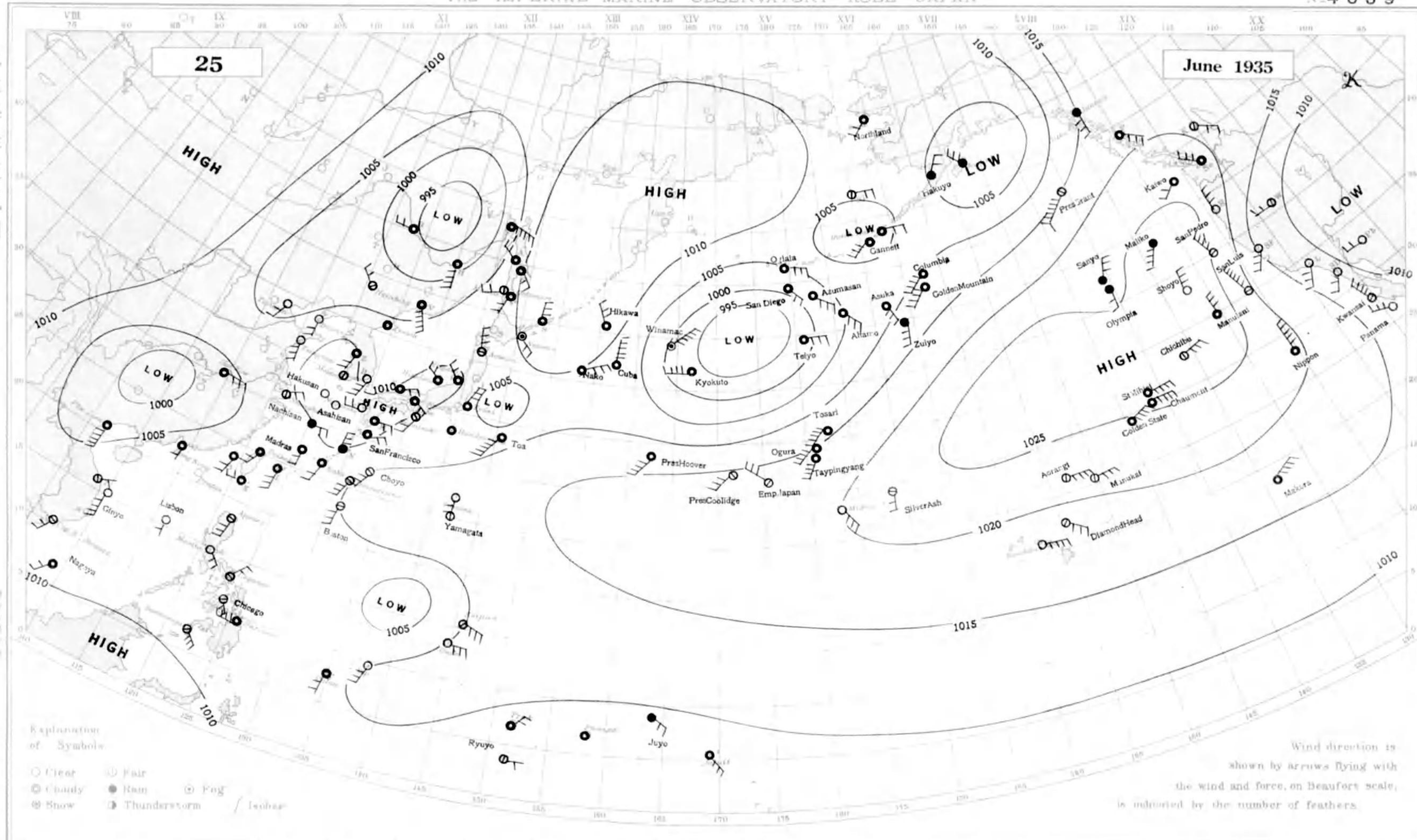
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 4559

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	Tsukuba 129° 135 E	Naha 128° 135 E	Quangtrung 128° 135 E	Nagasaki 129° 135 E	Siam-anki 128° 135 E	Kobe 128° 135 E	Tyōsai 129° 135 E	Hatidyosima 128° 135 E	Tsushima 128° 135 E	Wakana 128° 135 E	Aomori 128° 135 E	Nemuro 128° 135 E	Ootomari 128° 135 E	Moppe 128° 135 E	Zyosin 128° 135 E	Dairen 128° 135 E	Hankow 128° 135 E
Time of Observation	07.5	09.7	10.6	10.0	08.2	10.3	09.0	07.9	13.0	11.0	08.0	10.4	09.0	10.9	05.6	05.5	02.7
Air Temperature (in C)	31	28	30	26	24	22	19	25	30	18	19	10	12	23	18	27	20
Direction and Force of Winds (0-12)	SW 2	SSW 2	SSW 3	W 2	SW 2	SE 2	NNE 3	- 1	S 2	NW 2	N 3	SE 2	SW 2	- 1	- 1	S 3	NNW 2
Weather	cloudy	cloudy	fair	clear	fair	cloudy	cloudy	cloudy	clear	cloudy	fair	fog	cloudy	fair	cloudy	clear	fair
Station	Tientsin 128° 135 E	Tsingtau 128° 135 E	Shanghai 128° 135 E	Hankow 128° 135 E	Saipan 128° 135 E	Palau 128° 135 E	Truk 128° 135 E	Ponape 128° 135 E	Jaluit 0°	Hongkong 108°	Manila 148°	Pho-Lan 108°	Surigao 148°	Honolulu 155°	Midway I. 155°	Dutch Harbor 155°	Kodiak 155°
Time of Observation	01.3	06.6	08.3	03.8	09.9	09.0	07.3	07.9	10.1	06.1	07.8	04.8	08.6	15.9	20.0	03.7	01.7
Air Pressure (Red in m.s.l. and Svd in mb)	36	26	26	28	30	28	30	29	27	27	34	30	31	26	-	9	8
Direction and Force of Winds (0-12)	SW 2	S 3	ENE 2	E 3	ESE 3	S 2	NE 2	- 1	SSE 3	S 1	SE 2	S 5	W 2	E 4	SE 3	E 2	NW 3
Weather	clear	clear	fair	cloudy	fair	cloudy	cloudy	cloudy	cloudy	cloudy	clear	cloudy	cloudy	clear	clear	cloudy	rain

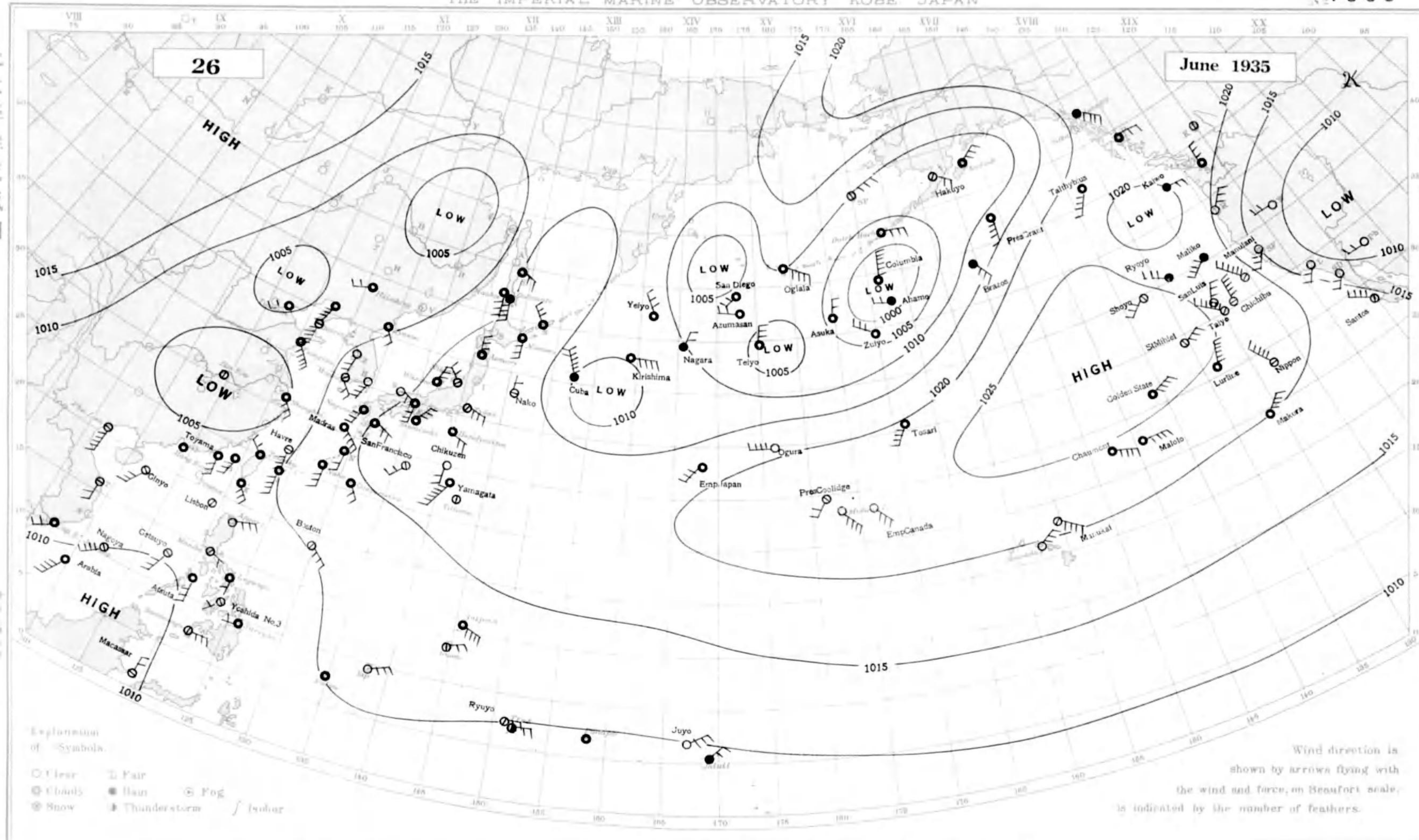
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

N 4560

北太平洋天氣圖



Station	Tsukuru 125° 135 E	Naha 127° 135 E	Ooguruzima 128° 135 E	Nagasaki 129° 135 E	Siomaoki 129° 135 E	Kobe 135° 135 E	Tyōsi 135° 135 E	Hatidyōsima 135° 135 E	Tōtōsima 135° 135 E	Wajima 135° 135 E	Aomori 135° 135 E	Nemuro 135° 135 E	Otomari 135° 135 E	Moppo 135° 135 E	Zyōsin 135° 135 E	Dairen 135° 135 E	Hanking 135° 135 E
Station Hour of Observation	Tsukuru	Tsukuru	Shanghai	Hankow	Seipon	Palau	Truk	Ponape	Jaluit	Hongkong	Manila	Phi-Lih	Surigao	Honolulu	Midway I.	Dutch Harbor	Kodiak
Atm. Pressure (Red is in ft and 30 in. in in.)	08.3	11.9	12.8	14.1	16.7	15.8	18.3	17.7	16.6	15.1	15.4	16.2	14.1	12.0	09.7	08.4	06.7
Air Temperature (in C)	31	28	29	25	24	27	24	24	32	23	21	12	11	26	23	25	20
Direction and Force of Winds (0-12)	NW 2	S 3	SSE 2	SSW 3	NE 3	S 3	ESE 3	ESE 2	- 1	NNE 3	N 3	S 3	S 2	SSE 2	SSE 2	S 5	WSW 2
Weather	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	fair	cloudy	fair	cloudy	cloudy	cloudy	rain	fair	cloudy	fair	cloudy
Station Hour of Observation	Tientsin	Tsingtau	Shanghai	Hankow	Seipon	Palau	Truk	Ponape	Jaluit	Hongkong	Manila	Phi-Lih	Surigao	Honolulu	Midway I.	Dutch Harbor	Kodiak
Atm. Pressure (Red is in ft and 30 in. in in.)	04.2	07.9	04.3	03.4	11.0	10.0	10.4	09.3	11.4	07.1	09.0	05.2	09.7	17.3	21.3	04.4	09.8
Air Temperature (in C)	33	23	27	30	28	28	27	27	25	28	31	30	30	28	-	10	10
Direction and Force of Winds (0-12)	WSW 2	SSE 5	SSE 2	- 1	ESE 4	- 1	E 2	- 1	NE 2	calm	ESE 2	S 5	W 1	NE 3	SE 4	E 3	NE 3
Weather	cloudy	cloudy	cloudy	fair	cloudy	cloudy	t.s.	cloudy	rain	cloudy	fair	fair	cloudy	clear	clear	cloudy	cloudy

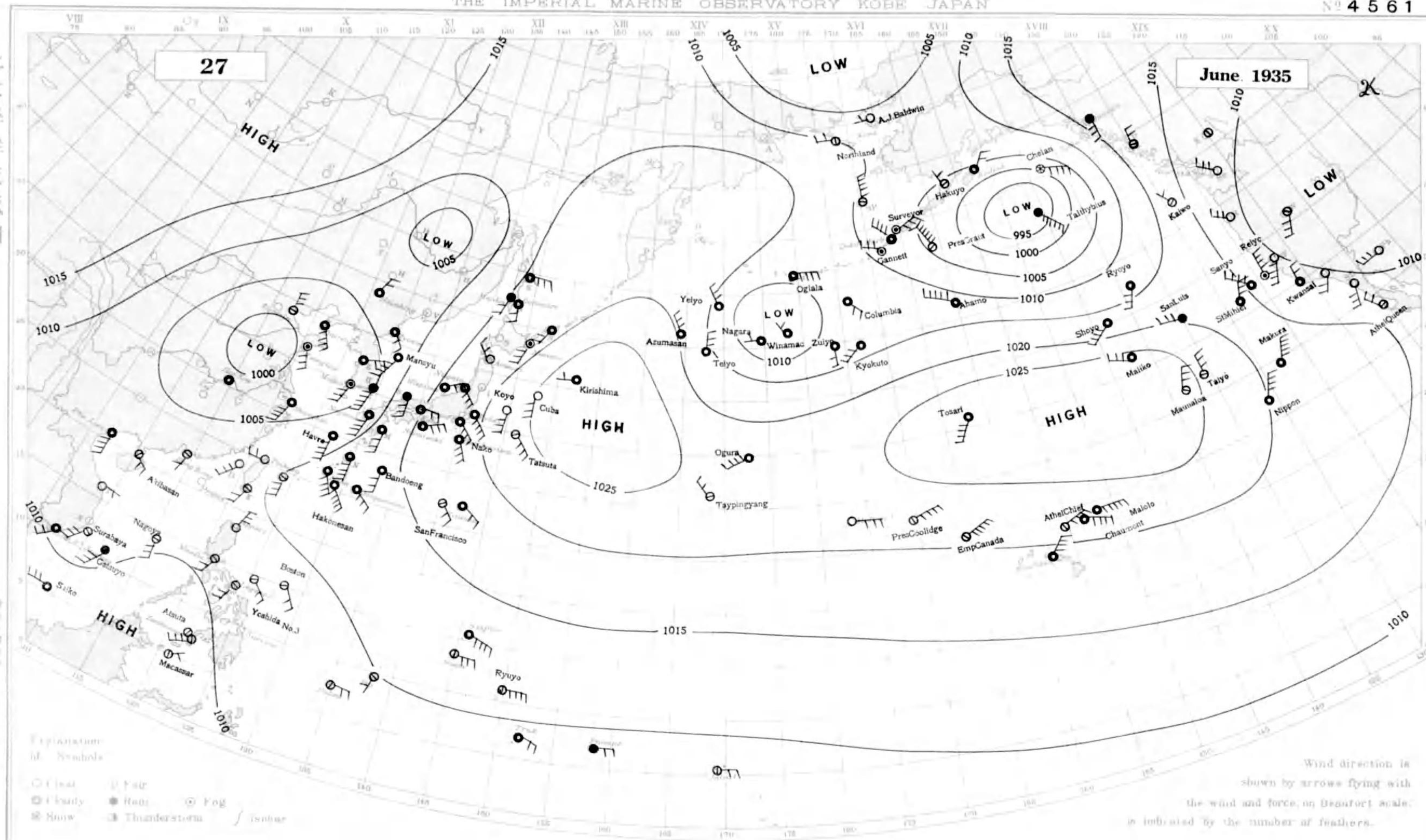
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4 5 6 1

北太平洋天氣圖



Station	Tsukuba 125° 135 E	Naha 125° 135 E	Osagiriama 125° 135 E	Nagasaki 125° 135 E	Simsaki 125° 135 E	Kobe 125° 135 E	Tyosa 125° 135 E	Hattayama 125° 135 E	Tokyo 125° 135 E	Wakana 125° 135 E	Aomori 125° 135 E	Nemuro 125° 135 E	Butomari 125° 135 E	Mopu 125° 135 E	Zyosen 125° 135 E	Dairen 125° 135 E	Hsinking 125° 135 E
Hour of Observation																	
Atm. Pressure (101 to 104) and 500 ft. h. (in h.)	06.2	11.8	13.9	08.4	17.5	16.0	19.3	19.4	18.6	14.9	16.4	18.7	16.8	02.1	07.5	03.4	06.0
Air Temperature (in C)	32	28	29	25	24	25	23	25	31	26	20	12	13	22	18	24	17
Direction and Force of Winds (0-12)	W 2	SSE 4	SE 3	SSW 7	ENE 3	E 2	SSE 4	SSE 3	SE 2	ENE 2	NNW 2	SSW 3	S 2	SSW 3	SSE 2	SSE 4	NNE 2
Weather	clear	cloudy	cloudy	cloudy	cloudy	rain	cloudy	cloudy	cloudy	cloudy	clear	fog	cloudy	fog	cloudy	cloudy	cloudy
Station	Tientsin 117° 135 E	Tsingtau 120° 135 E	Shanghai 121° 135 E	Hankow 122° 135 E	Saipan 124° 135 E	Palau 124° 135 E	Truk 125° 135 E	Ponape 125° 135 E	Jalut 125° 135 E	Hongkong 105°	Manila 120°	Phi Loo 120°	Surigao 120°	Honolulu 155°	Midway I. 155°	Dutch Harbor 155°	Kodiak 155°
Hour of Observation																	
Atm. Pressure (101 to 104) and 500 ft. h. (in h.)	00.2	02.3	03.7	03.5	11.5	08.7	09.2	08.7	12.3	07.1	10.4	05.9	09.7	16.6	21.3	05.7	05.1
Air Temperature (in C)	30	24	28	30	29	31	29	28	28	25	31	28	30	16	-	10	9
Direction and Force of Winds (0-12)	N 3	SSE 3	SSW 4	- 1	ESE 4	E 2	ESE 2	E 2	E 2	SSW 1	SW 2	S 4	calm	NE 4	E 3	NW 4	NE 2
Weather	fair	fog	cloudy	cloudy	cloudy	fair	cloudy	rain	fair	fair	fair	cloudy	clear	cloudy	clear	cloudy	cloudy

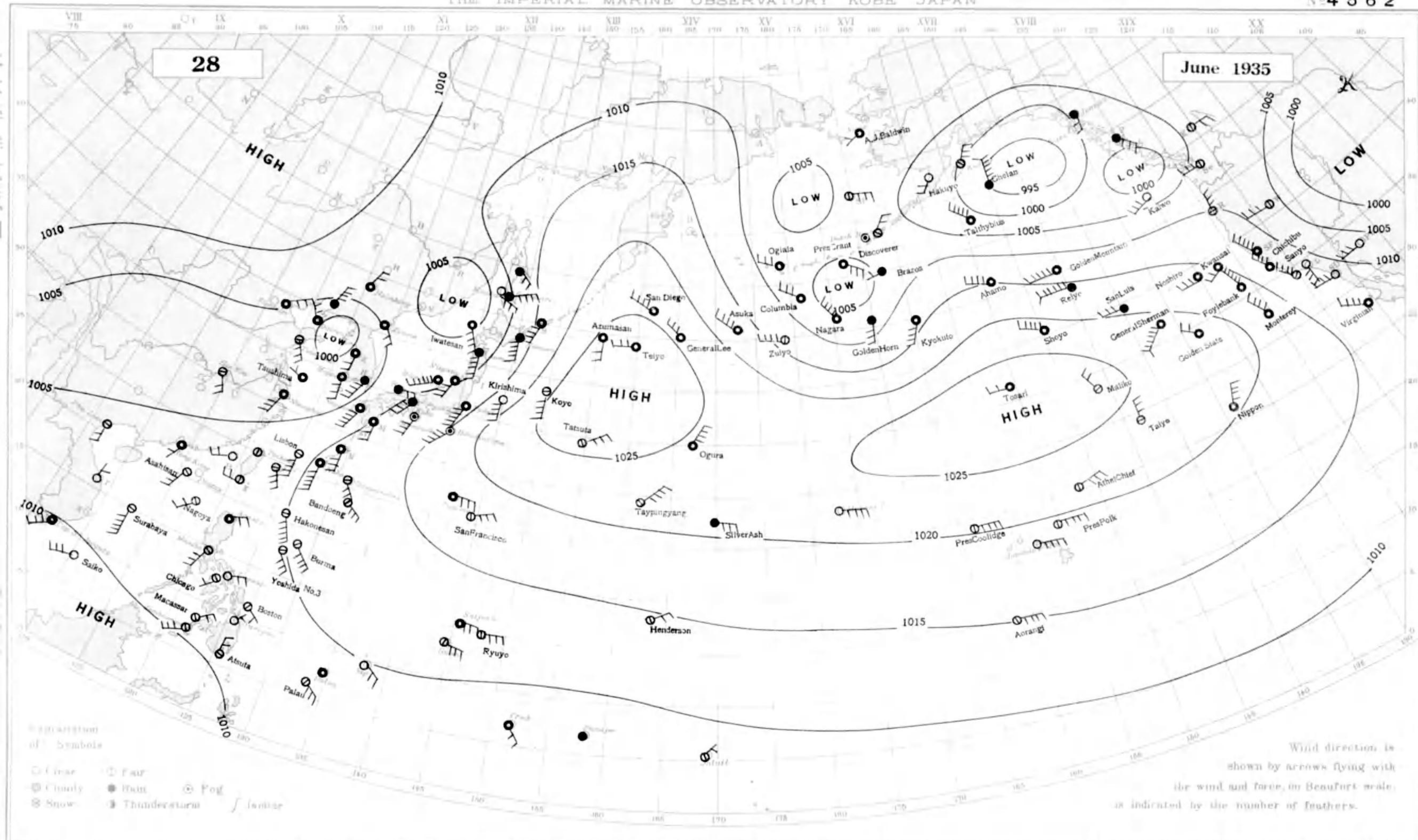
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4 5 6 2

北太平洋天氣圖



Station Hour of Observation	Tsiboku 12° 13' E	Naha 12° 19' E	Ogawarizima 12° 13' E	Saga-saki 12° 13' E	Sumi-saki 12° 13' E	Kobe 12° 13' E	Tsushima 12° 13' E	Hachidzushima 12° 13' E	Tsushima 12° 13' E	Wakana 12° 13' E	Aomori 12° 13' E	Nemuro 12° 13' E	Oshima 12° 13' E	Mopu 12° 13' E	Zyosin 12° 13' E	Dairen 12° 13' E	Hsinking 12° 13' E
Atm. Pressure (ft. 10.13) and (ft. 10.13)	08.4	11.5	13.5	08.4	13.5	11.5	14.9	17.0	17.9	09.0	05.3	14.3	09.1	01.7	06.4	02.9	07.0
Air Temperature (in F)	32	28	29	25	26	24	23	27	31	27	25	11	15	24	20	23	20
Direction and Force of Winds (1-12)	- 1	S 5	SSE 3	SW 5	SSW 3	SW 3	SSW 5	SW 4	E 3	WSW 6	S 5	S 5	ENE 4	S 3	SSE 2	NNW 2	NNE 2
Weather	fair	cloudy	fair	cloudy	fog	rain	cloudy	fog	cloudy	cloudy	rain	rain	rain	cloudy	cloudy	cloudy	cloudy
Station Hour of Observation	Tientsin 12° 13' E	Tsingtau 12° 13' E	Shanghai 12° 13' E	Hankow 12° 13' E	Saipan 12° 13' E	Palau 12° 13' E	Truk 12° 13' E	Ponape 12° 13' E	Jaluit 12° 13' E	Hongkong 10°	Manila 14°	Phu Lien 10°	Surigao 14°	Honolulu 19° 45'	Midway I. 19° 45'	Dutch Harbor 19° 45'	Kodiak 19° 45'
Atm. Pressure (ft. 10.13) and (ft. 10.13)	07.3	02.4	03.4	03.9	11.4	08.8	08.7	09.5	11.5	07.3	09.9	16.6	09.1	16.6	20.6	07.1	01.7
Air Temperature (in C)	25	25	31	33	27	29	26	26	27	27	30	30	31	16.6	-	12	13
Direction and Force of Winds (1-12)	NE 3	SSE 3	SW 3	SSE 2	E 3	- 1	SSE 2	calm	NE 1	SSW 1	SW 3	S 2	NE 1	E 4	E 4	NE 2	NE 3
Weather	cloudy	fair	cloudy	fair	cloudy	cloudy	cloudy	rain	fair	cloudy	fair	fair	clear	clear	clear	fair	fair

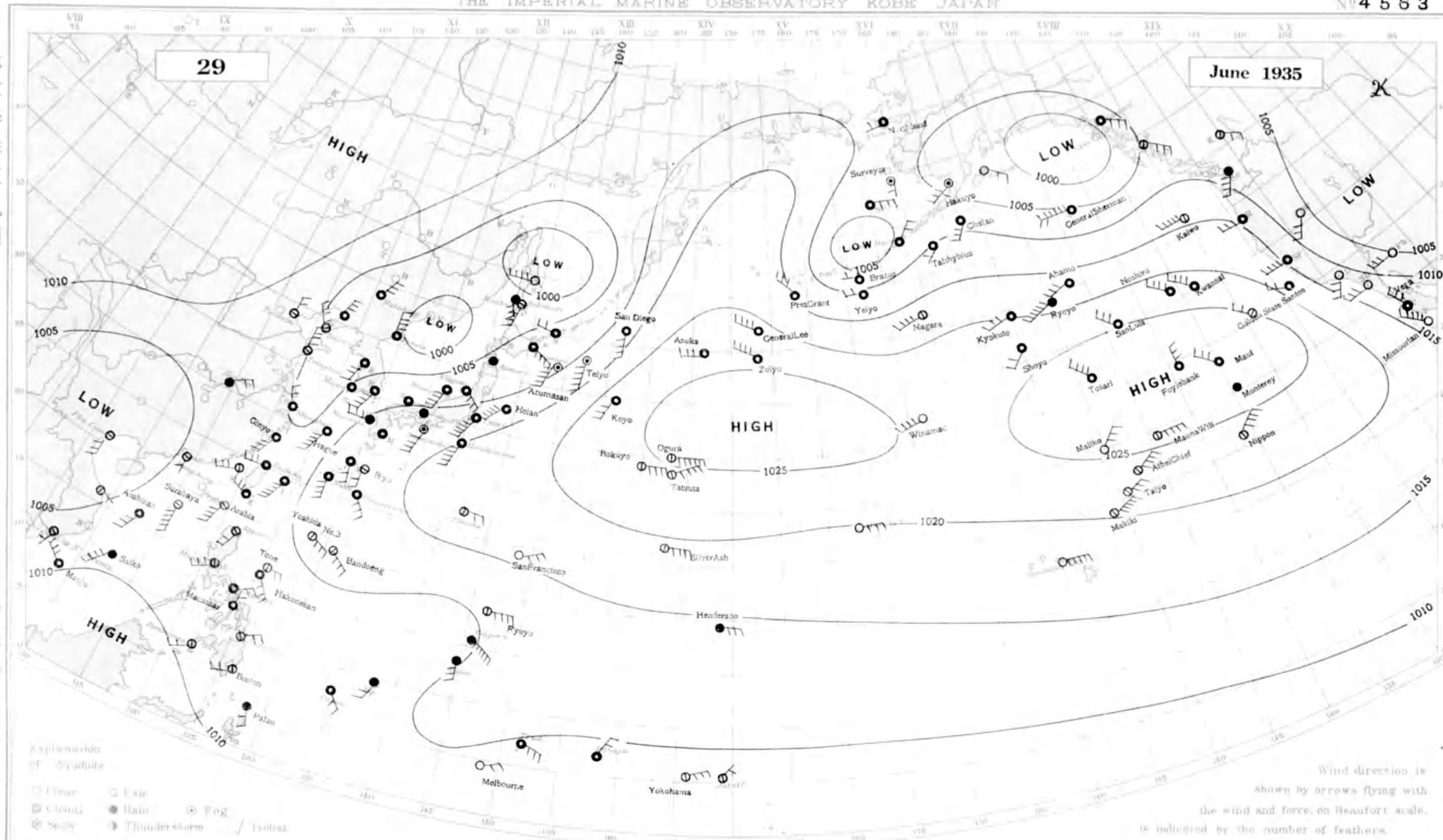
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E)

THE IMPERIAL MARINE OBSERVATORY KÖBE JAPAN

№ 4 5 6 3

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	Tokoko 12° 13' N, 135° E	Kaiyo 12° 13' N, 135° E	Dunbarham 12° 13' N, 135° E	Nagasaki 12° 13' N, 135° E	Simsaki 12° 13' N, 135° E	Kobe 12° 13' N, 135° E	Tsuno 12° 13' N, 135° E	Hatsudoma 12° 13' N, 135° E	Tsushima 12° 13' N, 135° E	Wakana 12° 13' N, 135° E	Aomori 12° 13' N, 135° E	Nemuro 12° 13' N, 135° E	Otomari 12° 13' N, 135° E	Miyako 12° 13' N, 135° E	Zyosai 12° 13' N, 135° E	Dairen 12° 13' N, 135° E	Hankow 12° 13' N, 135° E
Hour of observation	06.3	10.6	13.0	10.1	12.3	11.3	11.1	15.5	17.0	06.3	05.5	05.0	02.9	05.1	02.6	04.0	03.9
Air Pressure (in in.) and (in mm.)	32	29	29	20	25	21	23	27	31	27	19	17	15	24	19	22	23
Direction and Force of Winds (0-12)	W 3	S 4	SSE 3	W 3	SSW 4	- 1	SW 6	SSW 5	E 2	SW 5	- 1	SE 4	SSW 3	- 1	N 4	NNW 5	NE 3
Weather	cloudy	cloudy	cloudy	rain	fog	rain	cloudy	cloudy	fair	cloudy	rain	cloudy	fair	cloudy	cloudy	fair	cloudy
Station	Tientsin 12° 13' N, 135° E	Tsingtau 12° 13' N, 135° E	Nhaingai 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	Jakut 12° 13' N, 135° E	Hongkong 10°	Manila 11°	Phi Lim 10°	Surigao 14°	Honolulu 19°	Midway I. 19°	Dutch Harbor 19°	Kodiak 19°
Hour of observation	07.0	06.1	05.0	06.6	09.9	08.8	08.8	09.3	10.1	05.6	08.3	04.3	08.4	16.6	19.3	09.8	03.0
Air Pressure (in in.) and (in mm.)	28	25	28	26	25	29	29	30	28	28	32	30	30	27	-	10	17
Direction and Force of Winds (0-12)	N 2	N 4	NNW 2	NE 2	SE 6	SSE 2	ESE 3	NNE 2	NE 1	S 1	WSW 3	S 3	ENE 2	E 5	E 3	NE 2	SE 2
Weather	fair	fair	cloudy	rain	rain	cloudy	cloudy	cloudy	fair	fair	fair	fair	fair	clear	clear	cloudy	clear

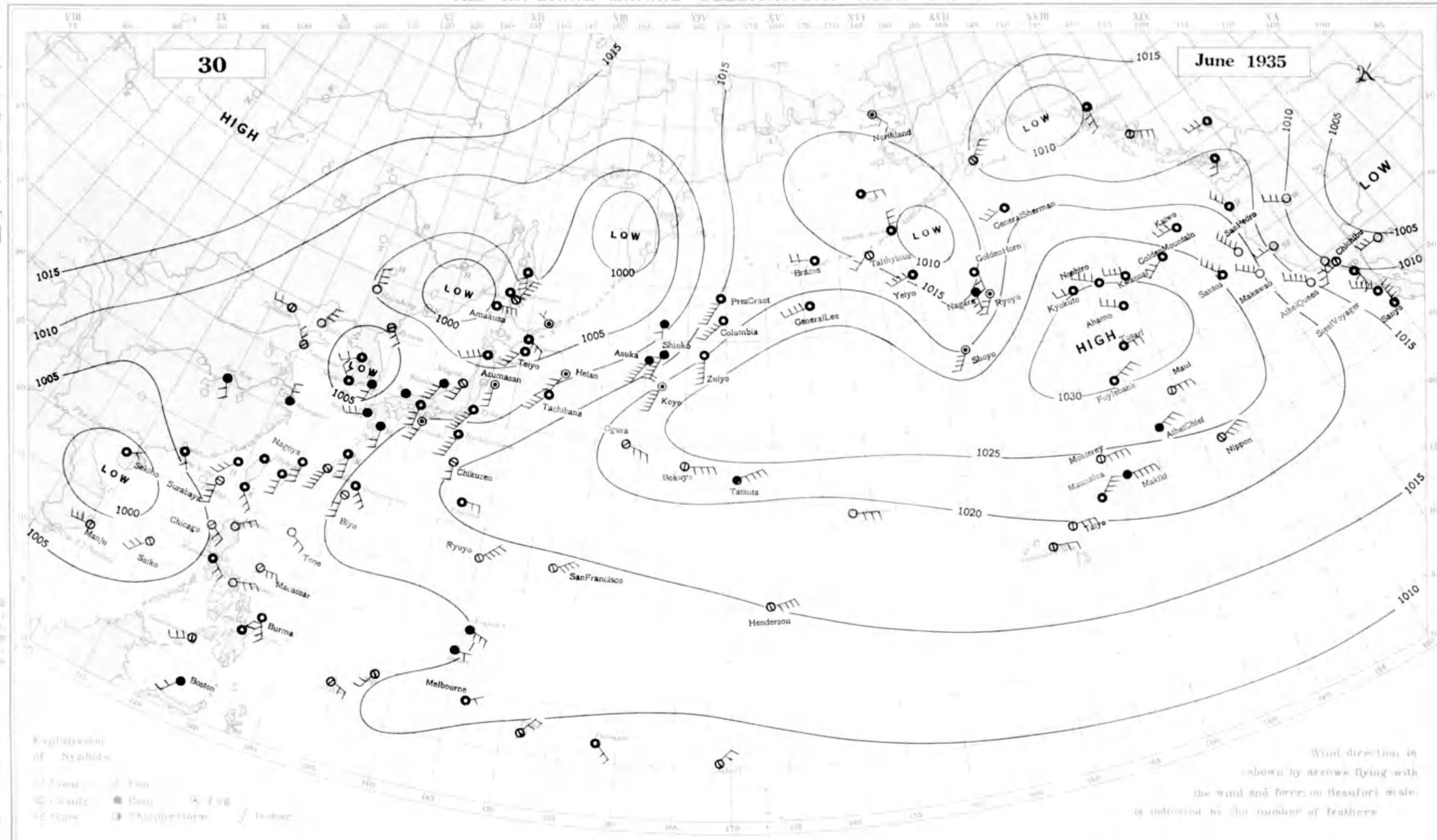
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(North of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

4564

北太平洋天氣圖



Explanation of Symbols

☉ Fair ☁ Partly Cloudy
 ☁ Cloudy ☁☁ Rain
 ☁☁☁ Thunderstorm
 ☁☁☁☁ Iceberg

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

Station Name	Taipei (12° 14' N, 121° 48' E)	Naha (12° 56' N, 125° 56' E)	Hankow (31° 13' N, 114° 17' E)	Nagasaki (32° 47' N, 128° 10' E)	Shimonoseki (35° 33' N, 139° 35' E)	Kobe (34° 46' N, 135° 13' E)	Tsushima (33° 13' N, 130° 36' E)	Hankow (31° 13' N, 114° 17' E)	Tsushima (33° 13' N, 130° 36' E)	Wakayama (34° 13' N, 140° 33' E)	Aomori (40° 46' N, 140° 33' E)	Nemuro (43° 13' N, 145° 13' E)	Dokusai (45° 13' N, 145° 13' E)	Moroyama (42° 13' N, 145° 13' E)	Zyuzen (42° 13' N, 145° 13' E)	Hakata (32° 13' N, 135° 13' E)	Hankow (31° 13' N, 114° 17' E)
Atm. Pressure (1013 to 1015 mb)	06.4	09.3	10.7	05.7	10.3	08.3	09.5	13.3	15.4	06.6	04.6	03.8	04.8	04.8	05.6	05.3	04.4
Air Temperature (°C)	32	29	30	23	26	25	23	27	31	24	24	14	18	24	20	26	27
Direction and Force of Winds (12)	- 1	SSW 5	SSE 3	WSW 3	SSW 3	S 3	SW 6	SSW 5	E 2	SW 4	WSW 4	SE 3	NE 4	NNW 2	SSE 2	NE 3	N 2
Weather	cloudy	fair	cloudy	rain	fog	cloudy	cloudy	cloudy	cloudy	rain	cloudy	cloudy	fair	cloudy	fair	clear	clear
Station Name	Tientsin (39° 13' N, 117° 13' E)	Tsingtau (36° 13' N, 120° 13' E)	Shanghai (31° 13' N, 121° 13' E)	Hankow (31° 13' N, 114° 17' E)	Saipan (15° 13' N, 145° 13' E)	Psan (12° 13' N, 135° 13' E)	Truk (7° 13' N, 138° 13' E)	Ponape (7° 13' N, 158° 13' E)	Palau (7° 13' N, 138° 13' E)	Hongkong (22° 13' N, 114° 13' E)	Munjin (14° 13' N, 127° 13' E)	Philan (10° 13' N, 124° 13' E)	Surabaya (7° 13' N, 112° 13' E)	Himath (10° 13' N, 124° 13' E)	Midway I. (38° 13' N, 159° 13' E)	Dutch Harbor (58° 13' N, 155° 13' E)	Kodiak (58° 13' N, 155° 13' E)
Atm. Pressure (1013 to 1015 mb)	06.7	06.6	07.5	08.0	09.9	09.2	08.4	08.0	09.3	05.3	07.0	-	08.7	17.3	18.6	10.5	11.8
Air Temperature (°C)	31	25	22	25	23	30	30	29	28	27	31	-	28	24	9	13	13
Direction and Force of Winds (12)	W 2	NNW 2	N 2	SSE 2	ESE 2	ESE 2	NE 2	SSE 2	ENE 2	SE 1	SE 2	-	NE 2	E 2	E 3	N 2	NE 2
Weather	fair	cloudy	rain	rain	rain	fair	fair	cloudy	fair	cloudy	cloudy	-	cloudy	fair	clear	cloudy	fair

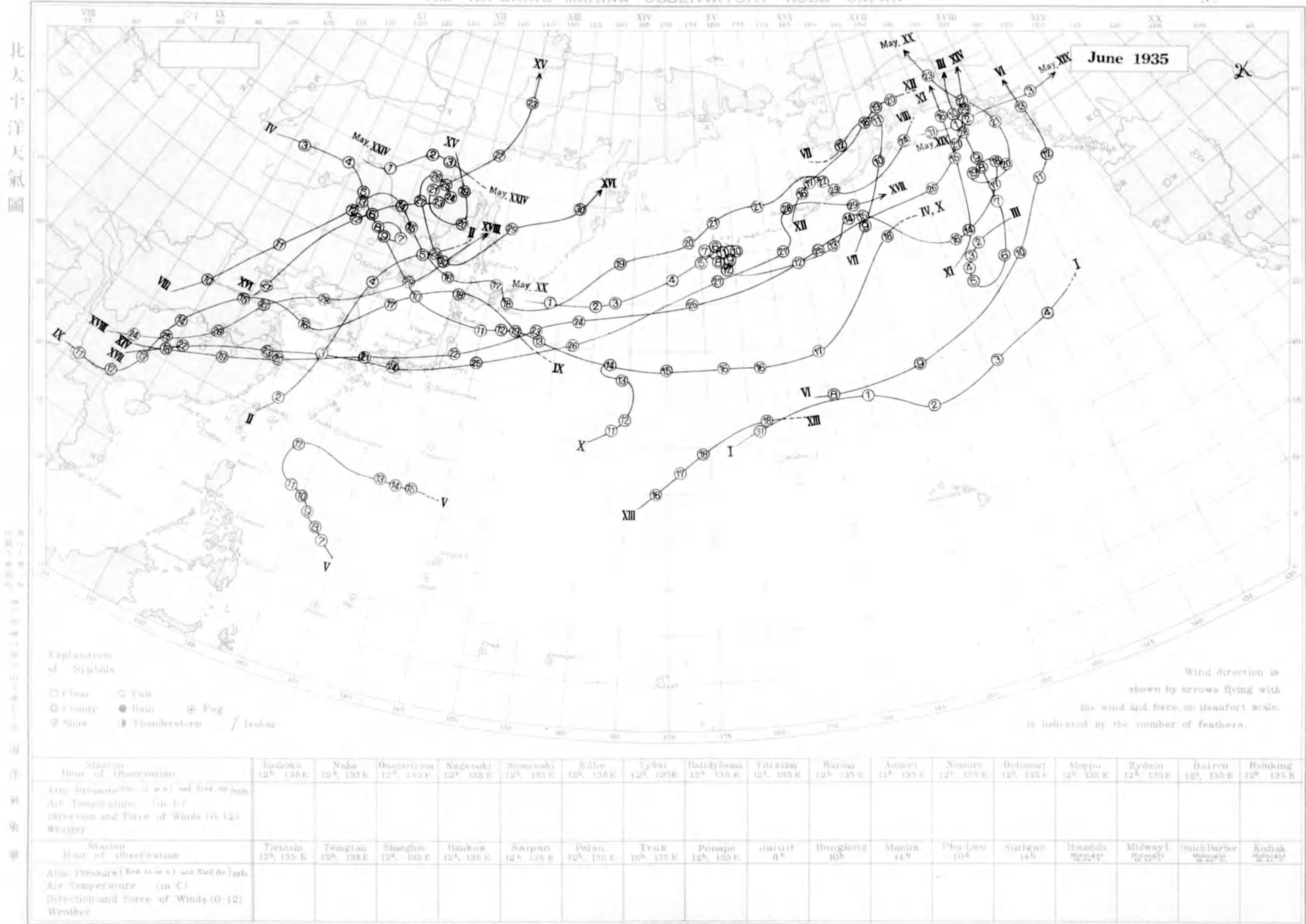
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

N 9

Appendix; Tracks of Cyclones



北太平洋天氣圖

洋
氣
象
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附錄 低氣壓經路

昭和十一年三月二十日印刷

昭和十一年三月二十五日發行

發行兼

印刷者

印刷所

海 洋 氣 象 臺

神戶市神戶區中山手通七丁目

海 洋 氣 象 臺

特

278
142

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