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北太平洋天氣圖

昭和十年五月

神戶

海洋氣象臺

DAILY WEATHER CHARTS

OF THE

NORTH PACIFIC OCEAN.

M A Y

1 9 3 5



THE IMPERIAL MARINE OBSERVATORY,

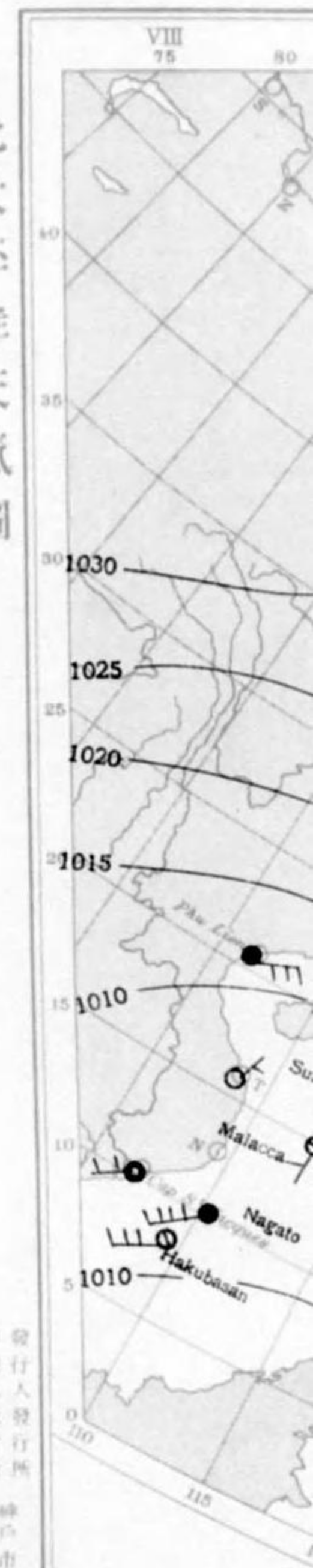
KOBE, JAPAN.



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	731.5	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	⊙ F
☉ Cloudy	● B
⊙ Snow	⊙

Station Hour of Obs

Atm. Pressure (Red)

Air Temperature

Direction and Fo

Weather

Station Hour of Obs

Atm. Pressure (Red)

Air Temperature

Direction and Fo

Weather

特
273
142

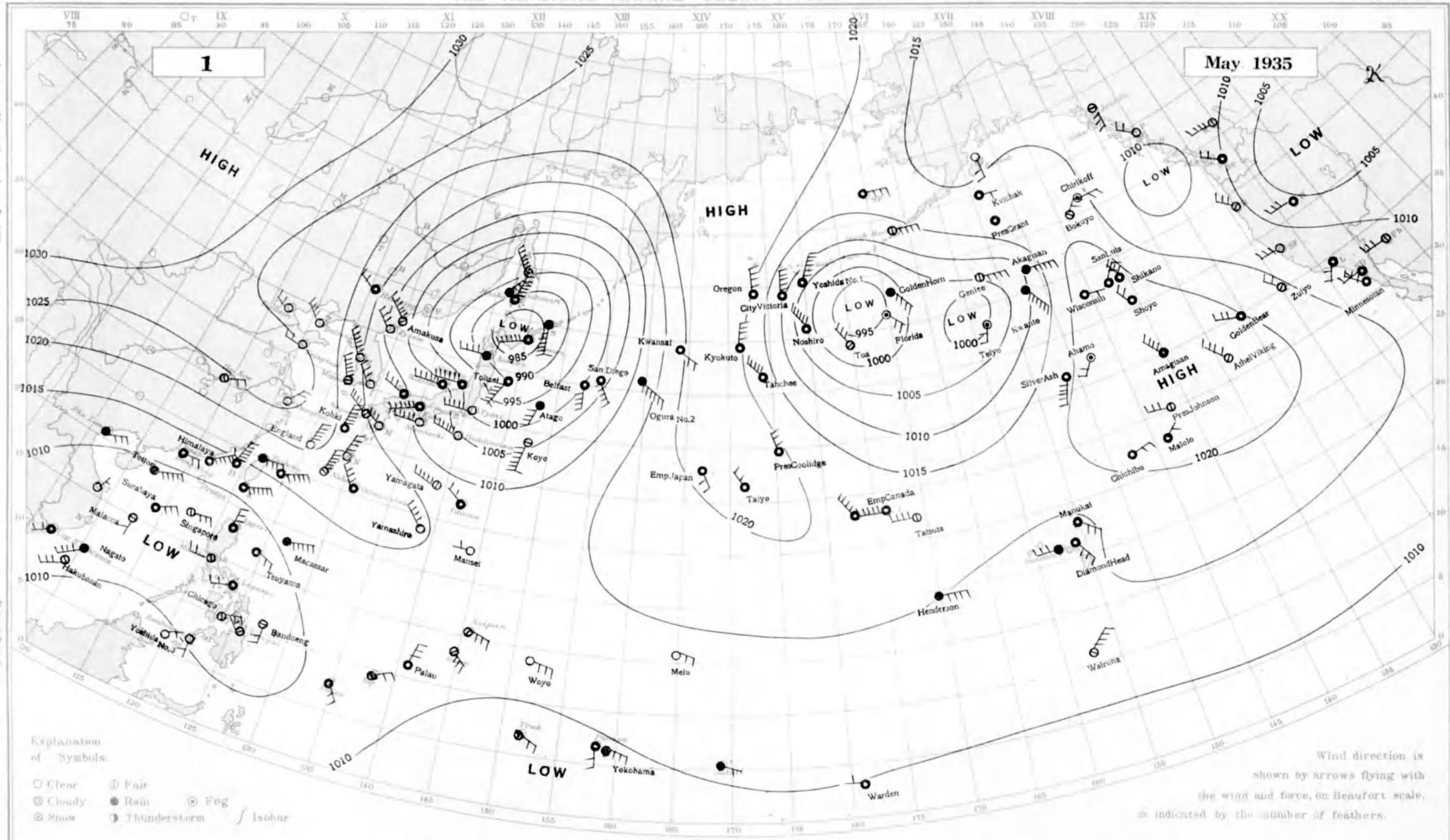
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4504

北太平洋天氣圖



Station	Tsukuba 12° 135 E	Naha 12° 135 E	Davao 12° 135 E	Nagasaki 12° 135 E	Niimiaki 12° 135 E	Kobe 12° 135 E	Tyoko 12° 135 E	Hatidyosima 12° 135 E	Tokyo 12° 135 E	Wakana 12° 135 E	Aomori 12° 135 E	Nemuro 12° 135 E	Otomari 12° 135 E	Mupo 12° 135 E	Zyosin 12° 135 E	Dairen 12° 135 E	Hsinking 12° 135 E
Hour of Observation																	
Atm. Pressure (red to 101 and 102) mb.	18.4	18.7	17.3	16.4	08.6	09.6	99.7	05.7	11.4	05.5	88.6	82.9	85.6	19.4	09.1	23.4	18.0
Air Temperature (in C)	19	20	22	14	15	13	16	16	24	9	5	5	14	12	12	13	8
Direction and Force of Winds (0-12)	E 4	NNE 6	NNW 4	NW 5	WNW 5	WSW 5	W 5	WNW 6	NW 2	W 5	W 4	WSW 7	NNE 6	NNW 6	NW 3	NW 3	WNW 2
Weather	rain	fair	cloudy	fair	clear	cloudy	clear	clear	cloudy	cloudy	rain	cloudy	cloudy	fair	clear	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	Jaluit 14h	Hongkong 10h	Manila 14h	Phu Lien 10h	Surigao 14h	Honolulu 14h	Midway I. 14h	Dutch Harbor 14h	Kodiak 14h
Hour of Observation																	
Atm. Pressure (red to 101 and 102) mb.	23.7	25.2	25.3	21.7	10.6	10.1	08.6	09.5	12.4	11.7	10.0	11.3	09.9	-	17.3	15.6	15.2
Air Temperature (in C)	19	25	15	21	29	29	29	28	26	21	32	26	32	-	-	7	10
Direction and Force of Winds (0-12)	WNW 2	W 2	NE 2	ESE 2	ESE 3	SE 2	SE 2	S 2	ESE 2	E 2	W 2	ENE 3	NW 1	-	NW 4	E 4	S 2
Weather	clear	clear	clear	fair	fair	cloudy	fair	cloudy	rain	cloudy	fair	rain	fair	-	cloudy	fair	clear

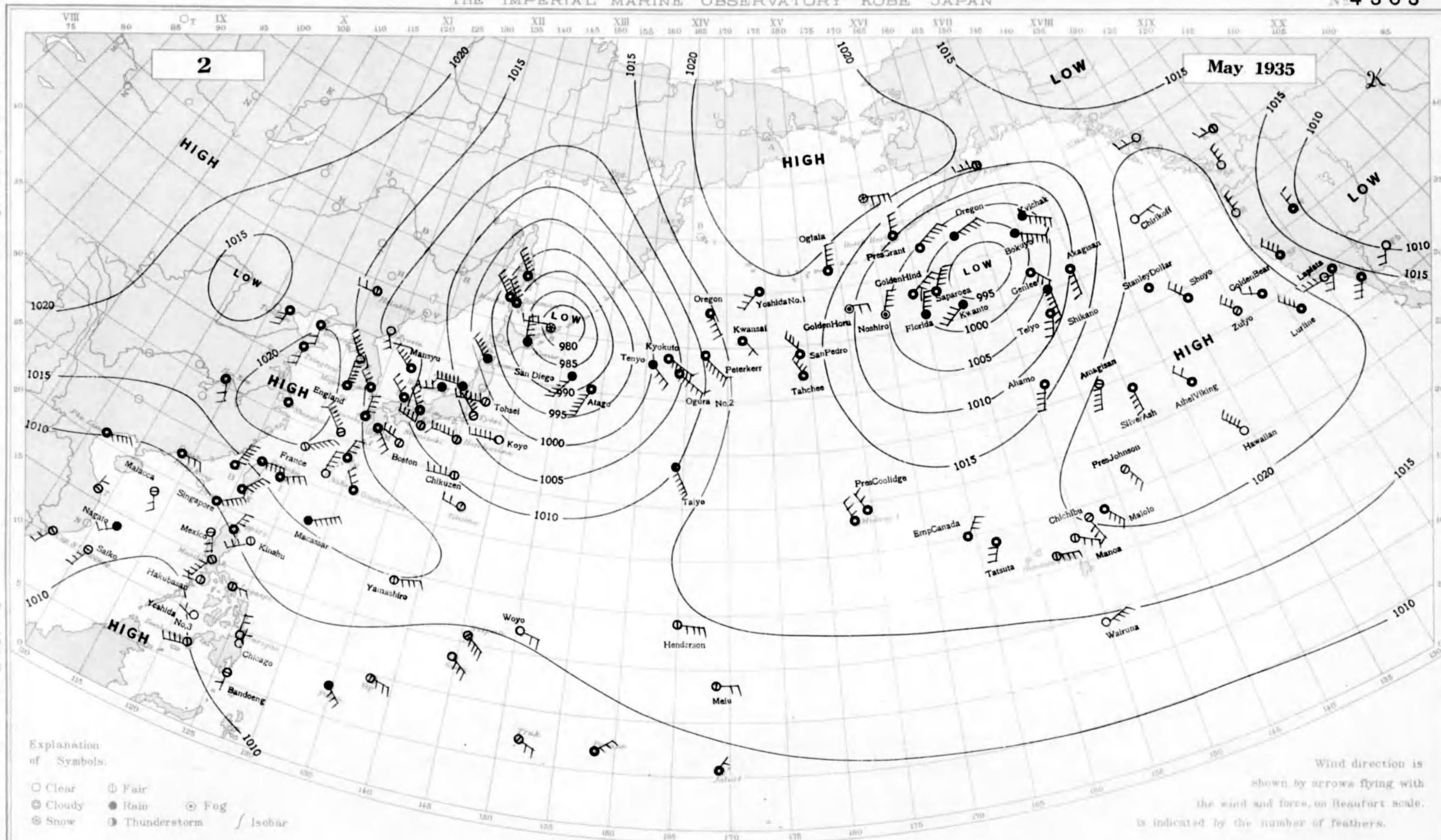
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 4505

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	Taihoku	Naha	Oguzurima	Nagasaki	Semtaki	Kobe	Tyōsi	Hatidynema	Titima	Wajima	Aomori	Nomuro	Otomari	Miyako	Zyōsen	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.l. and Std. Gr.) mb.	17.0	17.0	15.4	14.9	08.7	09.3	00.3	05.5	11.9	08.3	97.9	86.4	91.4	18.3	09.9	19.3	14.7
Air Temperature (in C)	21	20	21	15	16	15	17	16	23	9	8	5	5	17	12	19	13
Direction and Force of Winds (0-12)	E 5	NNE 4	NNW 3	N 4	WNW 5	NW 4	NW 6	W 7	WNW 2	WSW 3	NW 5	N 4	NNW 5	N 6	SSE 2	S 2	W 2
Weather	cloudy	clear	cloudy	cloudy	fair	cloudy	fair	fair	fair	rain	rain	rain	cloudy	cloudy	clear	cloudy	fair
Station	Tientsin	Tsingtau	Shanghai	Hankow	Saipan	Palau	Truk	Ponape	Jaluit	Hongkong	Manila	Phi Lien	Surigao	Honolulu	Midway I.	Dutch Harbor	Kodink
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 m.s.l. and Std. Gr.) mb.	17.5	20.2	22.0	19.5	09.9	08.4	08.4	08.6	11.4	11.8	08.8	11.3	08.2	17.6	16.9	09.8	13.9
Air Temperature (in C)	21	18	17	19	29	27	29	30	28	21	30	25	32	30	20	7	4
Direction and Force of Winds (0-12)	SSW 3	S 2	- 1	SSE 2	SE 4	SE 3	ESE 2	ENE 3	NE 2	E 3	SW 4	ENE 5	N 2	E 4	NW 3	N 3	SE 4
Weather	cloudy	cloudy	cloudy	cloudy	fair	rain	fair	cloudy	cloudy	cloudy	fair	cloudy	clear	fair	fair	cloudy	cloudy

海象觀測所 神戶市神戶區中山寺通七丁目

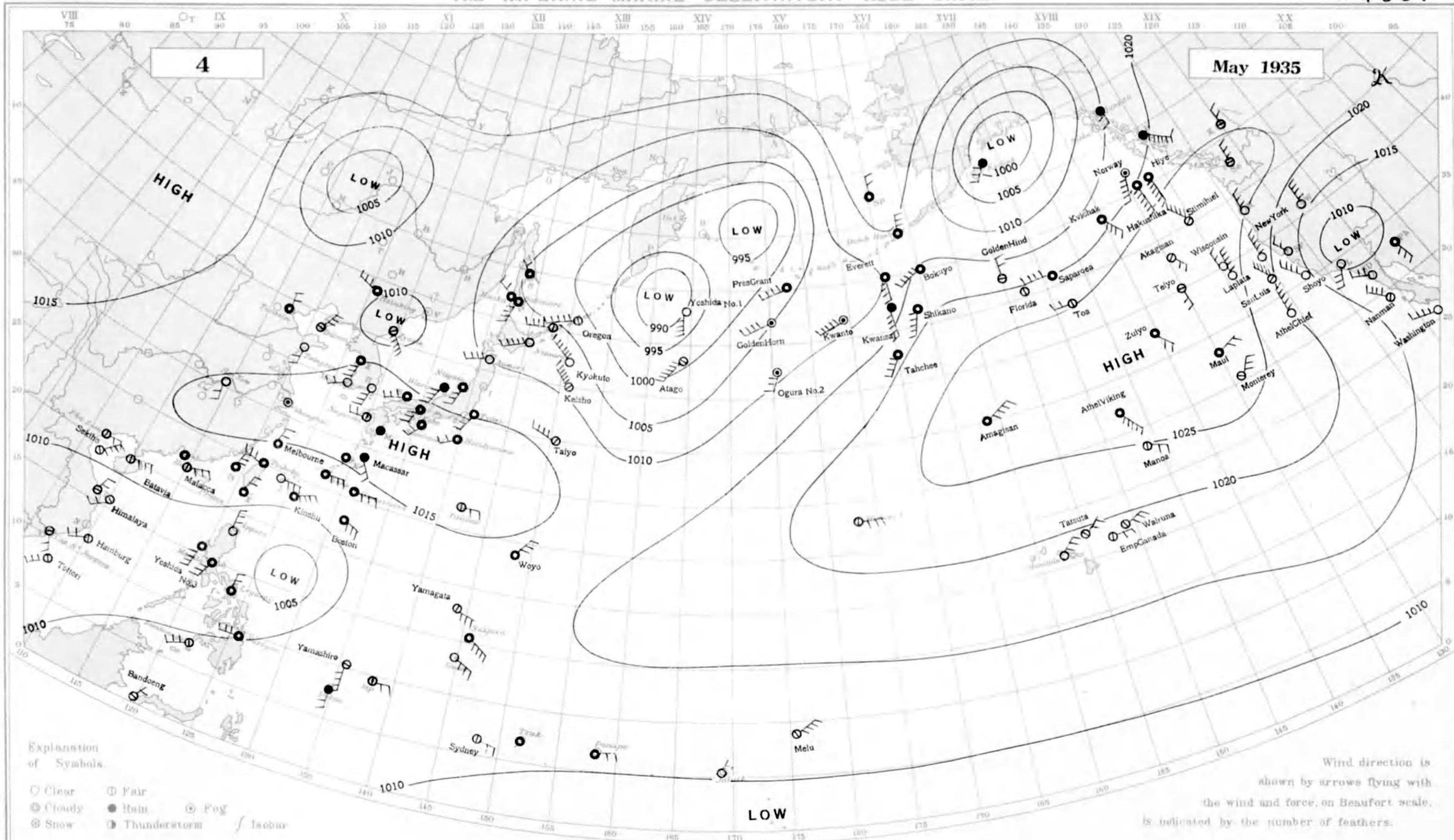
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4507

北太平洋天氣圖



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

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	Omazurizima 12°N, 135°E	Nagasaki 12°N, 135°E	Simi-saki 12°N, 135°E	Kobe 12°N, 135°E	Tyōvi 12°N, 135°E	Hatidyōzima 12°N, 135°E	Tsuzima 12°N, 135°E	Wazuma 12°N, 135°E	Aomori 12°N, 135°E	Nemuro 12°N, 135°E	Dotomari 12°N, 135°E	Moppe 12°N, 135°E	Zyōsin 12°N, 135°E	Dairen 12°N, 135°E	Hanking 12°N, 135°E
Hour of Observation																	
Atm. Pressure (Red to sea level and 500 ft) mb.	14.4	14.0	14.7	16.4	16.4	15.8	14.7	16.6	17.6	13.7	09.0	07.7	06.4	16.0	07.8	13.3	12.6
Air Temperature (in C)	23	24	24	20	20	20	17	19	23	13	15	6	1	18	16	16	15
Direction and Force of Winds (0-12)	WNW 3	E 3	E 3	W 2	WSW 2	SSW 3	SSW 4	WSW 2	E 2	SW 5	WSW 4	WSW 5	SSW 4	WSW 2	SSE 5	NE 3	WNW 3
Weather	cloudy	cloudy	cloudy	fair	cloudy	cloudy	cloudy	cloudy	fair	rain	clear	clear	cloudy	clear	fair	fair	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. 19°N, 155°W	Dutch Harbor 19°N, 155°W	Kodiak 19°N, 155°W
Hour of Observation																	
Atm. Pressure (Red to sea level and 500 ft) mb.	13.9	12.8	15.5	16.6	12.8	11.0	11.3	10.7	11.7	10.7	10.3	12.6	09.0	17.9	23.3	16.6	99.6
Air Temperature (in C)	18	19	22	24	29	27	27	29	29	29	29	27	21	23	-	4	4
Direction and Force of Winds (0-12)	N 2	S 2	- 1	S 2	SE 4	S 2	- 1	E 2	NE 3	E 2	SW 3	E 2	W 3	NE 3	E 3	N 3	SW 3
Weather	cloudy	clear	fog	clear	cloudy	rain	cloudy	cloudy	fair	cloudy	cloudy	fair	cloudy	clear	fair	cloudy	rain

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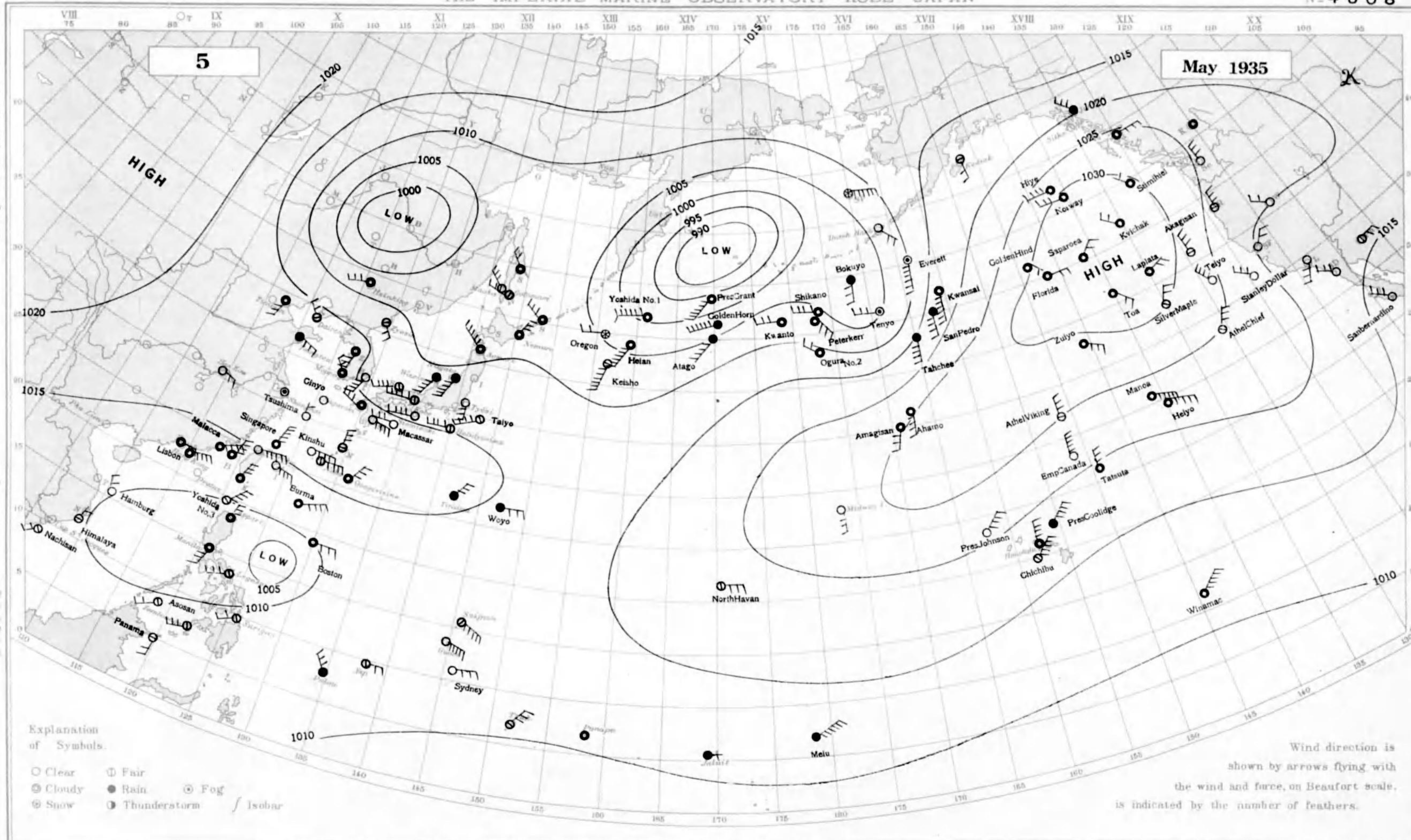
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4508

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 124° 135 E	Naha 124° 135 E	Osagarizima 124° 135 E	Nagasaki 124° 135 E	Siomisaki 124° 135 E	Kobe 124° 135 E	Tyōwi 124° 135 E	Hatidyōwima 124° 135 E	Titizima 124° 135 E	Wazima 124° 135 E	Amori 124° 135 E	Nemuro 124° 135 E	Otomari 124° 135 E	Moypo 124° 135 E	Zyōsin 124° 135 E	Dairen 124° 135 E	Hanking 124° 135 E
Station	Taihoku	Naha	Osagarizima	Nagasaki	Siomisaki	Kobe	Tyōwi	Hatidyōwima	Titizima	Wazima	Amori	Nemuro	Otomari	Moypo	Zyōsin	Dairen	Hanking
Hour of Observation	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h
Atm. Pressure (Red to m.s.l. and Sea Gr.) mb.	15.0	16.0	18.1	18.0	14.4	14.9	11.1	14.9	15.4	12.6	09.3	07.9	08.3	17.3	12.4	16.7	09.7
Air Temperature (in C)	25	25	24	20	21	20	19	21	20	15	13	2	5	17	12	19	17
Direction and Force of Winds (0-12)	E 5	E 4	NE 3	WNW 3	W 4	W 5	S 3	W 5	NE 2	SW 5	NNW 5	NE 3	WNW 3	NNW 2	SSE 2	NNW 2	WSW 3
Weather	clear	fair	cloudy	clear	clear	fair	clear	fair	rain	rain	cloudy	cloudy	fair	cloudy	fair	fair	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	12h	12h	12h	12h	12h	12h	12h	12h	8h	10h	14h	10h	14h	10h	10h	10h	10h
Atm. Pressure (Red to m.s.l. and Sea Gr.) mb.	17.0	17.3	16.7	15.1	12.4	12.4	10.9	10.9	13.6	13.1	10.7	-	10.3	16.6	21.3	07.8	14.5
Air Temperature (in C)	22	15	27	26	29	26	30	29	25	23	31	-	31	26	24	14	10
Direction and Force of Winds (0-12)	SW 3	ESE 3	- 1	ESE 2	SE 5	NNW 3	NE 3	- 1	E 2	E 2	SSW 2	-	WSW 2	N 4	S 3	SE 2	S 3
Weather	cloudy	rain	fog	clear	fair	rain	fair	cloudy	rain	cloudy	cloudy	-	fair	cloudy	clear	clear	fair

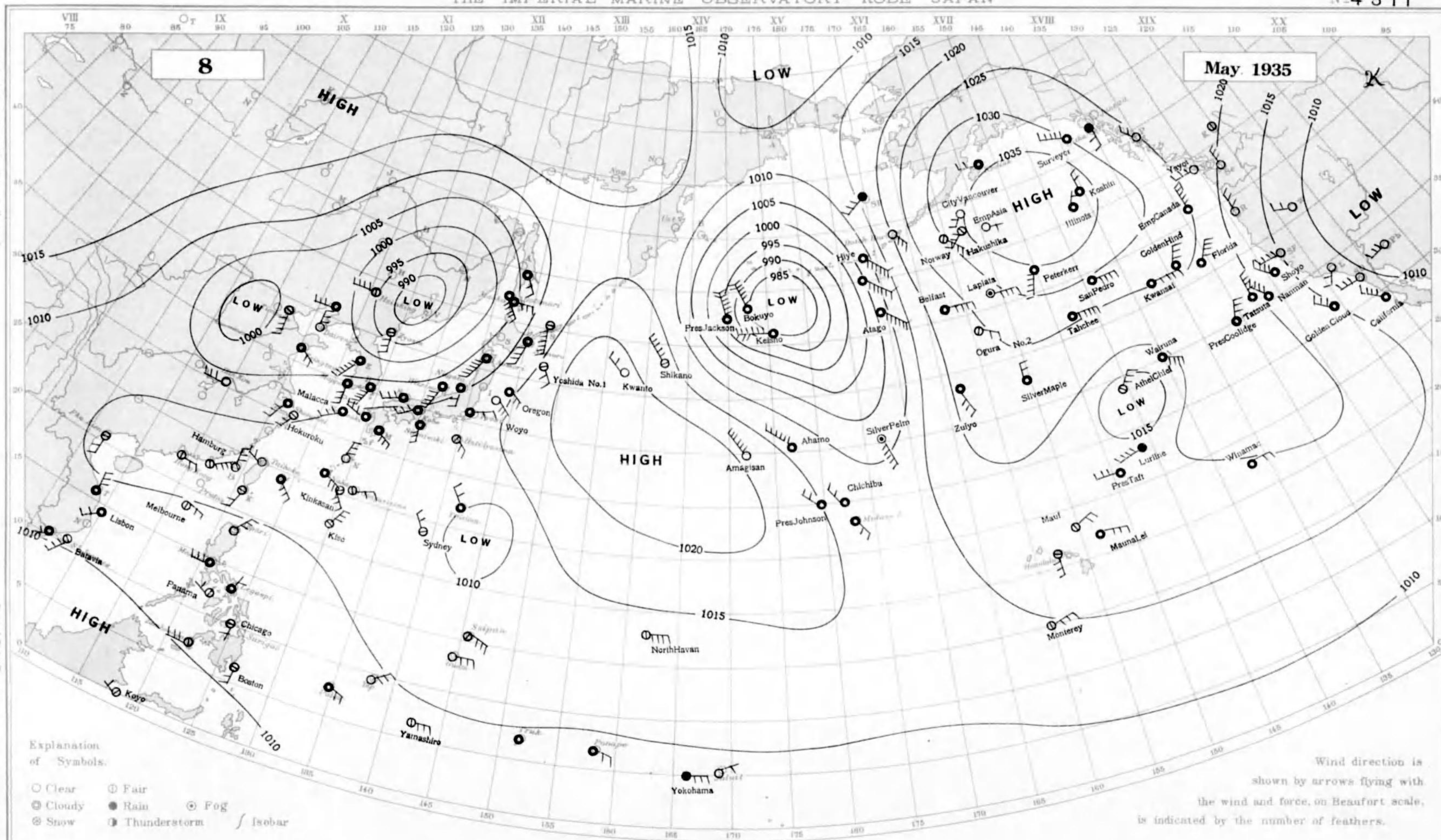
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4 5 1 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 ^h , 135 E	Naha 19 ^h , 135 E	Oosagarizima 12 ^h , 135 E	Nagasaki 12 ^h , 135 E	Siomasaki 12 ^h , 135 E	Kobe 12 ^h , 135 E	Tyōsi 12 ^h , 135 E	Haidyōsimu 12 ^h , 135 E	Tōjima 12 ^h , 135 E	Wajima 12 ^h , 135 E	Aomori 12 ^h , 135 E	Nemuro 12 ^h , 135 E	Oōtomari 12 ^h , 135 E	Moppo 12 ^h , 135 E	Zyōsin 12 ^h , 135 E	Dairen 12 ^h , 135 E	Hsinking 12 ^h , 135 E
Hour of Observation																	
Atm. Pressure (Red to m s l and Std Or) mb.	11.0	12.2	12.6	12.6	11.8	10.9	12.7	13.9	10.7	07.7	06.0	12.8	04.4	08.7	91.1	03.9	95.4
Air Temperature (in C)	29	25	24	21	23	23	15	23	22	24	24	9	8	19	15	21	14
Direction and Force of Winds (0-12)	WNW 2	ESE 3	ENE 2	WNW 3	S 3	SW 3	ENE 2	SE 2	NNW 2	SW 5	SW 5	SSW 4	E 3	S 3	S 3	N 3	W 4
Weather	clear	cloudy	fair	cloudy	cloudy	cloudy	fog	fair	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	fair	clear	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	Jarait 8 ^h	Hongkong 10 ^h	Manila 14 ^h	Phi-Lien 10 ^h	Surigao 14 ^h	Honolulu 12 ^h	Midway I. 12 ^h	Dutch Harbor 12 ^h	Kodiak 12 ^h
Hour of Observation																	
Atm. Pressure (Red to m s l and Std Or) mb.	03.9	02.4	08.4	09.2	11.1	09.1	09.3	09.1	10.7	10.7	10.7	10.1	09.3	15.2	12.5	27.4	30.1
Air Temperature (in C)	25	25	27	29	30	30	28	28	29	21	28	29	32	23	24	8	12
Direction and Force of Winds (0-12)	S 4	ESE 2	SW 3	W 3	ESE 3	ESE 2	- 1	ESE 2	ENE 3	E 2	W 3	S 2	calm	S 3	SE 2	SE 3	W 2
Weather	fair	cloudy	cloudy	clear	fair	cloudy	cloudy	cloudy	fair	fair	cloudy	fair	clear	fair	cloudy	clear	cloudy

中華民國二十五年五月八日

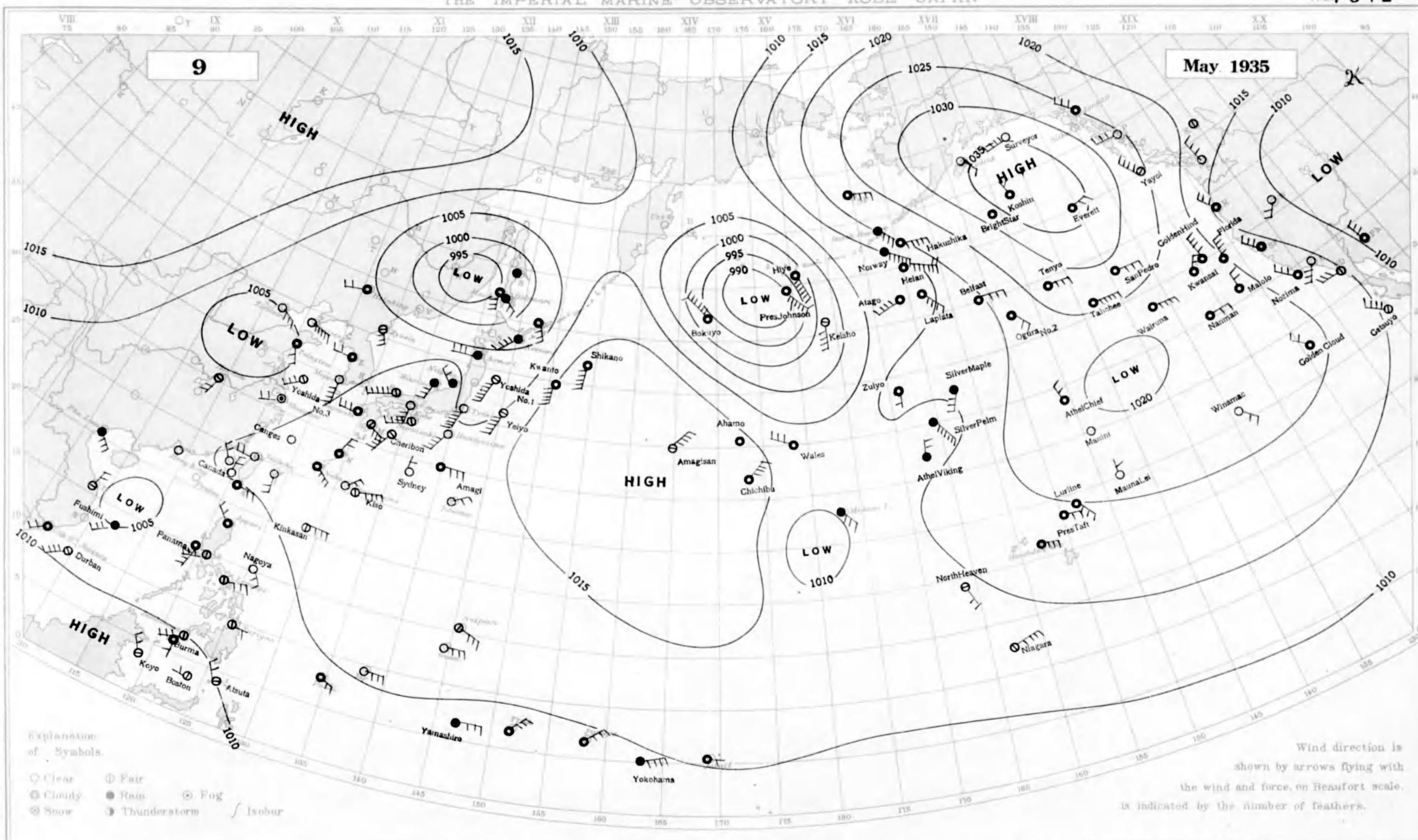
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№4 5 1 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	Tsukuba	Naha	Ogatsuzima	Nagasaki	Simusaki	Kobe	Tyōsi	Haaidyosima	Titiyama	Wajima	Aomori	Nemuro	Outomari	Moppe	Zyōsin	Dairen	Hankang
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 Sea Dr.) mb.	10.3	12.3	13.2	12.0	12.0	11.0	09.0	13.3	13.0	10.0	06.7	03.8	97.9	09.0	05.7	07.8	07.1
Air Temperature (in C)	30	26	25	24	23	25	20	21	25	16	12	8	8	19	13	18	15
Direction and Force of Winds (0-12)	W 2	SE 3	ENE 2	W 3	WSW 4	S 3	SSW 6	SW 4	ENE 2	SSW 3	W 3	WSW 4	SE 2	S 4	SSE 3	ESE 5	WSW 2
Weather	clear	cloudy	clear	cloudy	fair	clear	clear	clear	clear	rain	rain	rain	rain	clear	fair	clear	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	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 Sea Dr.) mb.	05.7	03.7	08.4	08.0	10.1	09.7	08.0	08.7	13.5	09.3	09.9	08.4	10.3	17.3	12.5	22.7	30.1
Air Temperature (in C)	22	22	31	31	29	30	30	30	26	22	32	25	32	26	24	6	11
Direction and Force of Winds (0-12)	ESE 3	SSE 2	WSW 2	SSW 2	ESE 3	ESE 2	NE 3	ENE 3	ESE 3	calm	WSW 3	SE 3	E 1	E 2	SE 3	SE 3	SE 2
Weather	clear	cloudy	fog	fair	fair	cloudy	cloudy	cloudy	cloudy	clear	fair	rain	fair	cloudy	rain	rain	clear

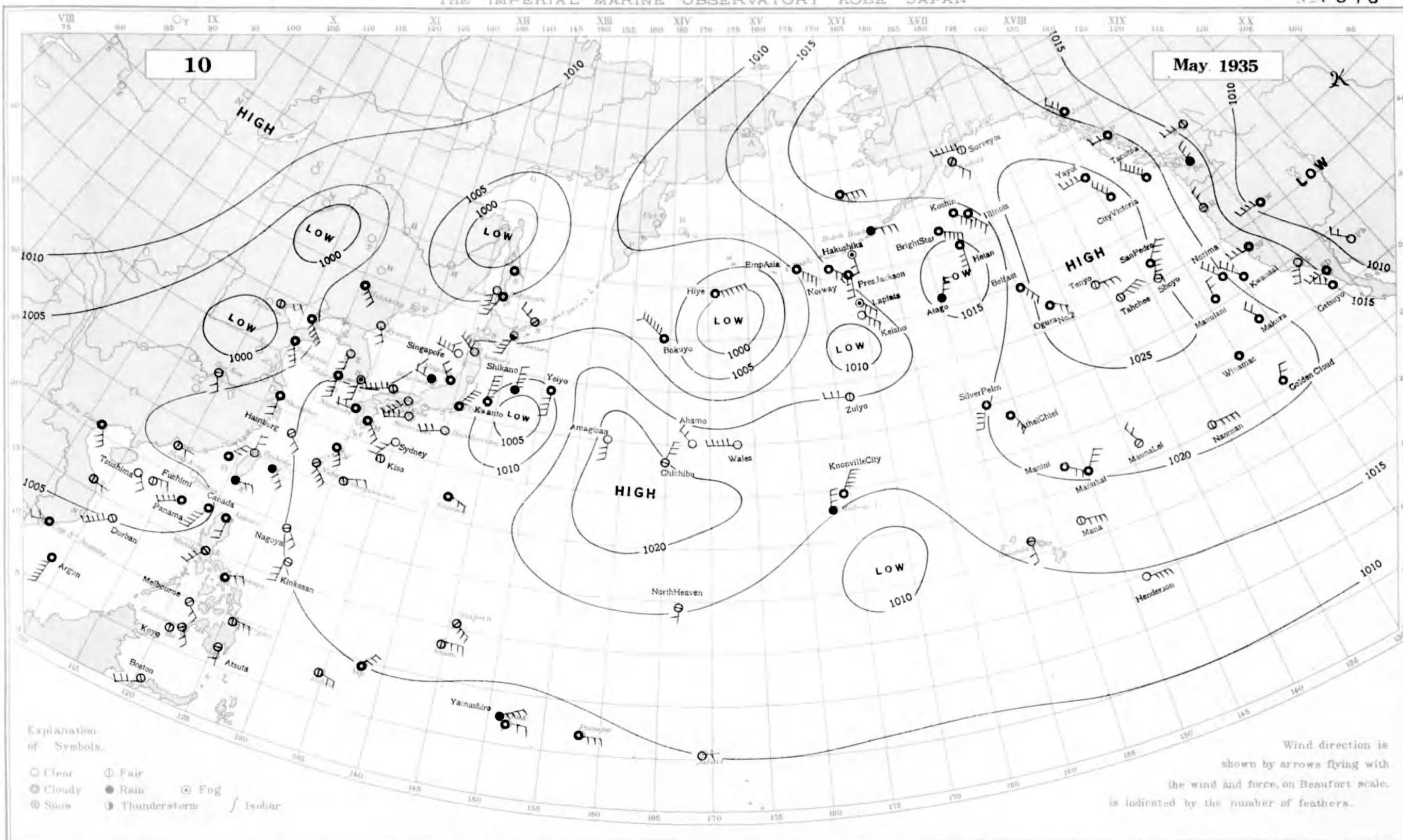
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 4513

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 123° 135 E	Naha 123° 135 E	Onagurazima 123° 135 E	Nagasaki 123° 135 E	Simiaki 123° 135 E	Kobe 123° 135 E	Tyōsi 123° 135 E	Hachiyōsima 123° 135 E	Tititima 123° 135 E	Wazima 123° 135 E	Ameri 123° 135 E	Nemuro 123° 135 E	Otonari 123° 135 E	Moppo 123° 135 E	Zyōsin 123° 135 E	Dairen 123° 135 E	Hsinking 123° 135 E
Hour of Observation																	
Atm. Pressure (Red to m.s. and 3rd or 4th)	06.7	11.8	13.7	12.4	11.4	10.9	12.2	13.0	13.2	12.3	11.4	08.0	04.0	10.0	12.4	04.8	07.5
Air Temperature (in C)	31	26	25	27	23	26	14	22	26	12	16	22	7	22	12	15	18
Direction and Force of Winds (0-12)	N 2	SE 4	ENE 2	W 2	WSW 4	SW 4	NE 5	WSW 3	ESE 2	WNW 2	NW 4	SW 4	SW 3	S 3	SSE 2	SE 5	SE 3
Weather	clear	fair	fair	cloudy	clear	clear	cloudy	clear	cloudy	rain	clear	t.s.	cloudy	cloudy	clear	cloudy	cloudy
Station	Tientsin 117° 135 E	Tsingtau 120° 135 E	Shanghai 121° 135 E	Hankow 114° 135 E	Saipan 124° 135 E	Palau 124° 135 E	Truk 124° 135 E	Ponape 124° 135 E	Jaluit 117° 135 E	Hongkong 114° 135 E	Munlu 117° 135 E	Phu-Lien 117° 135 E	Surigao 124° 135 E	Honolulu 155° 155 W	Midway I. 170° 155 W	Dutch Harbor 169° 155 W	Kodiak 151° 155 W
Hour of Observation																	
Atm. Pressure (Red to m.s. and 3rd or 4th)	01.5	03.8	06.6	05.8	10.6	09.2	09.0	08.0	12.6	07.1	09.2	05.3	08.3	10.3	14.5	13.9	22.0
Air Temperature (in C)	24	20	28	29	29	30	27	30	29	24	30	27	34	24	24	7	11
Direction and Force of Winds (0-12)	ENE 2	SSE 4	S 2	SSE 2	SE 3	ESE 2	E 2	E 3	E 2	E 1	SW 3	SSE 3	E 3	S 2	N 3	E 3	SE 2
Weather	fair	cloudy	cloudy	fair	fair	fair	cloudy	cloudy	fair	fair	fair	cloudy	fair	fair	rain	rain	fair

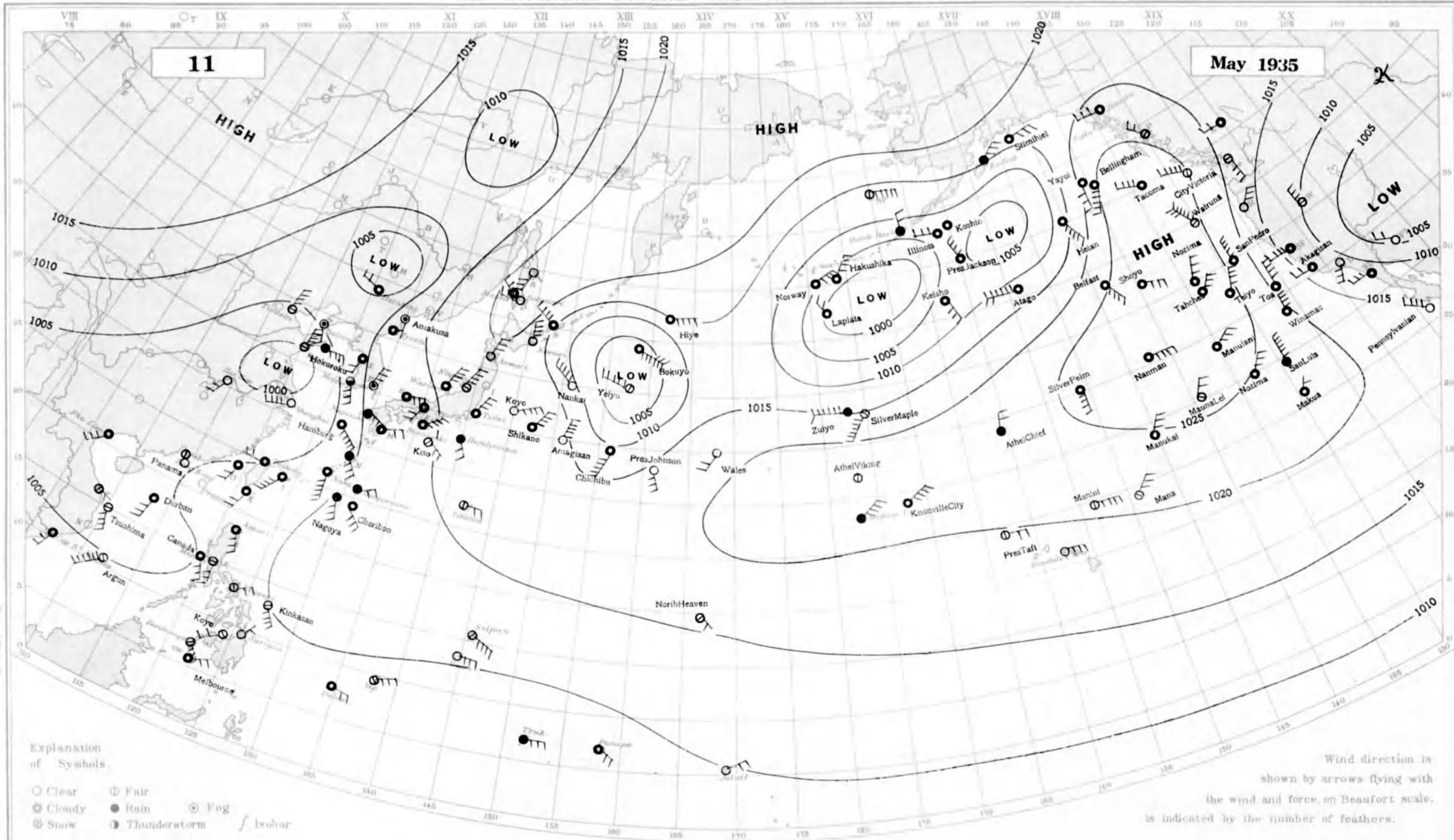
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№4514

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	Taihoetsu 12°N, 135°E	Naha 12°N, 135°E	Ogasaribaru 12°N, 135°E	Nagasaki 12°N, 135°E	Suisaki 12°N, 135°E	Kobe 12°N, 135°E	Tyosai 12°N, 135°E	Hatsuyosuna 12°N, 135°E	Tsushima 12°N, 135°E	Wakasa 12°N, 135°E	Aomori 12°N, 135°E	Nemuro 12°N, 135°E	Ootomari 12°N, 135°E	Mopu 12°N, 135°E	Zyosin 12°N, 135°E	Dairen 12°N, 135°E	Hanking 12°N, 135°E
Hour of Observation	04.8	05.9	10.6	10.4	14.1	13.9	19.1	17.0	15.9	15.4	19.0	17.0	20.4	06.9	13.2	06.4	03.9
Atm. Pressure (Red to sea) and (Red or) mb.	31	25	23	20	23	25	16	21	26	18	16	8	10	18	12	19	20
Air Temperature (in C)	W 2	S 5	ENE 2	ESE 3	ENE 4	SW 2	NE 3	SSE 2	E 2	NE 4	NNE 3	N 4	WNW 3	SSE 3	- 1	SSE 2	WNW 2
Direction and Force of Winds (0-12)	cloudy	cloudy	rain	rain	cloudy	cloudy	cloudy	rain	fair	cloudy	clear	clear	clear	t.s.	fog	fog	cloudy
Weather																	
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	Phi-Lien 10°N	Surigao 14°N	Honolulu 19°N	Midway I. 19°N	Dutch Harbor 57°N	Kodiak 57°N
Hour of Observation	02.7	00.0	01.0	02.1	11.0	09.5	09.2	09.0	11.4	04.3	08.3	04.6	09.3	17.9	17.9	05.7	15.2
Atm. Pressure (Red to sea) and (Red or) mb.	28	23	30	32	30	31	25	26	29	24	31	23	32	27	23	7	6
Air Temperature (in C)	NNE 5	NNE 5	WSW 4	SSW 2	SE 4	ESE 2	E 3	SE 2	ENE 3	calm	S 3	SW 3	NE 1	E 3	NE 4	N 2	NE 3
Direction and Force of Winds (0-12)	fair	fair	clear	clear	fair	cloudy	rain	cloudy	fair	fair	fair	cloudy	clear	clear	rain	rain	rain
Weather																	

北太平洋天氣圖

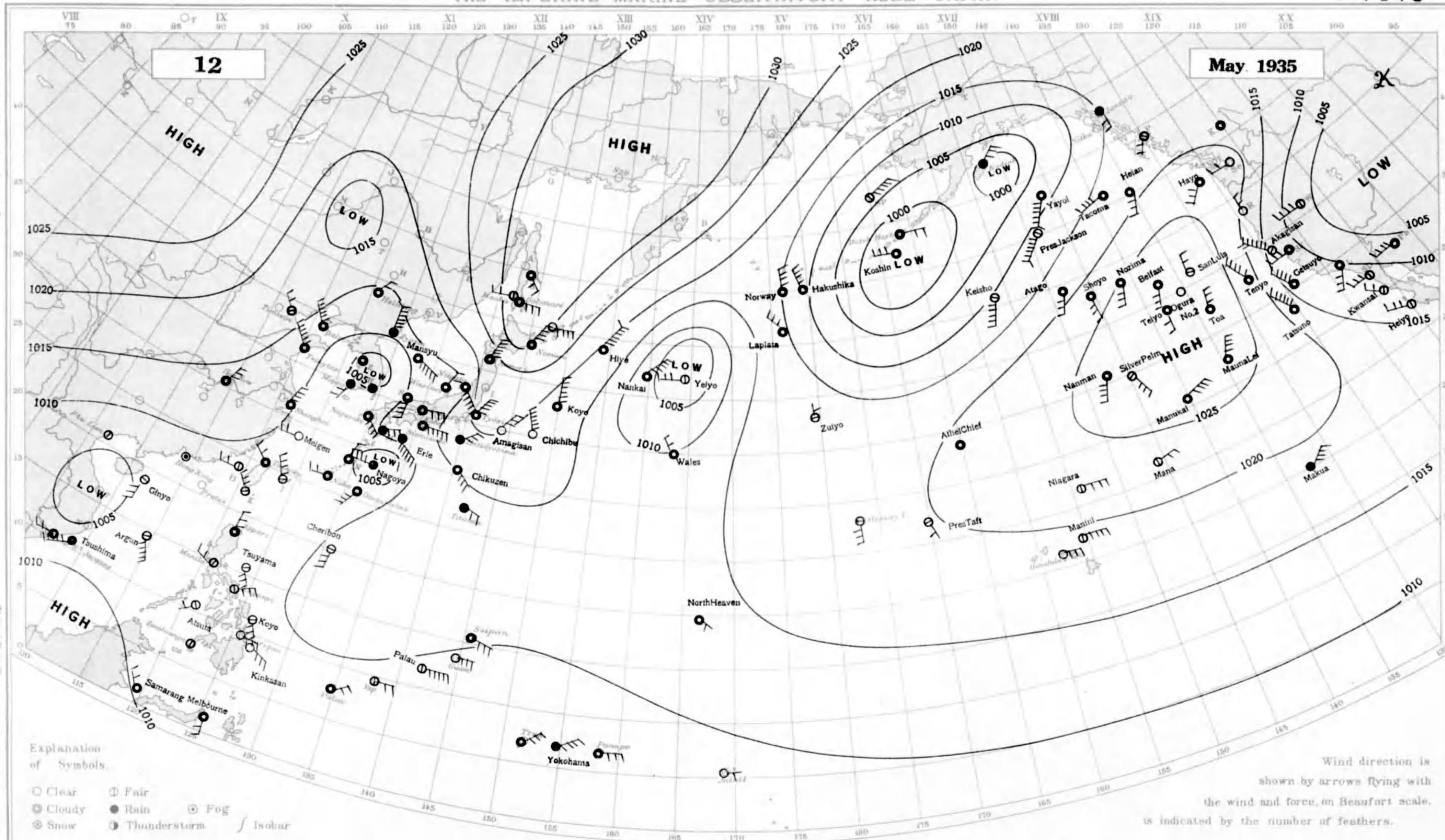
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4 5 15

北太平洋天氣圖



洋氣象

Station	Taihoku 12°N, 135°E	Naha 12°N, 135°E	Oosarizima 12°N, 135°E	Nagasaki 12°N, 135°E	Siomiaki 12°N, 135°E	Kobe 12°N, 135°E	Tytsi 12°N, 135°E	Hatidyosima 12°N, 135°E	Titizima 12°N, 135°E	Wazima 12°N, 135°E	Aomori 12°N, 135°E	Nemuro 12°N, 135°E	Ootomari 12°N, 135°E	Moppo 12°N, 135°E	Zyosin 12°N, 135°E	Dairen 12°N, 135°E	Hsinking 12°N, 135°E
Hour of Observation																	
Atm. Pressure (Red to sea l. and Stud Gr) mb.	09.0	07.9	08.6	08.6	14.3	13.2	21.2	17.3	13.7	14.1	21.3	30.3	31.9	07.9	14.9	12.6	14.0
Air Temperature (in C)	29	27	24	20	21	24	15	18	22	18	13	5	5	15	7	16	9
Direction and Force of Winds (0-12)	NW 2	W 2	SW 3	SE 4	E 5	E 3	NE 5	ENE 3	ESE 2	NE 2	NNE 6	NE 4	E 3	SW 2	N 7	NNW 6	NE 2
Weather	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	rain	rain	cloudy	cloudy	cloudy	cloudy	rain	rain	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	Phi-Lien 10°N	Surigao 14°N	Honolulu 21°N	Midway I. 30°N	Dutch Harbor 58°N	Kodiak 58°N
Hour of Observation																	
Atm. Pressure (Red to sea l. and Stud Gr) mb.	17.1	12.0	11.3	13.7	09.7	09.3	07.8	07.4	10.1	06.4	09.5	06.0	08.8	18.6	15.9	99.3	03.7
Air Temperature (in C)	19	19	22	23	30	29	27	30	28	25	32	29	34	26	26	6	4
Direction and Force of Winds (0-12)	NW 2	NNW 6	NNE 4	NNE 3	ESE 3	ENE 2	ENE 3	E 3	E 3	calm	WNW 2	calm	E 3	E 3	S 3	E 2	NE 3
Weather	fair	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	fair	fog	fair	fair	clear	clear	clear	cloudy	rain

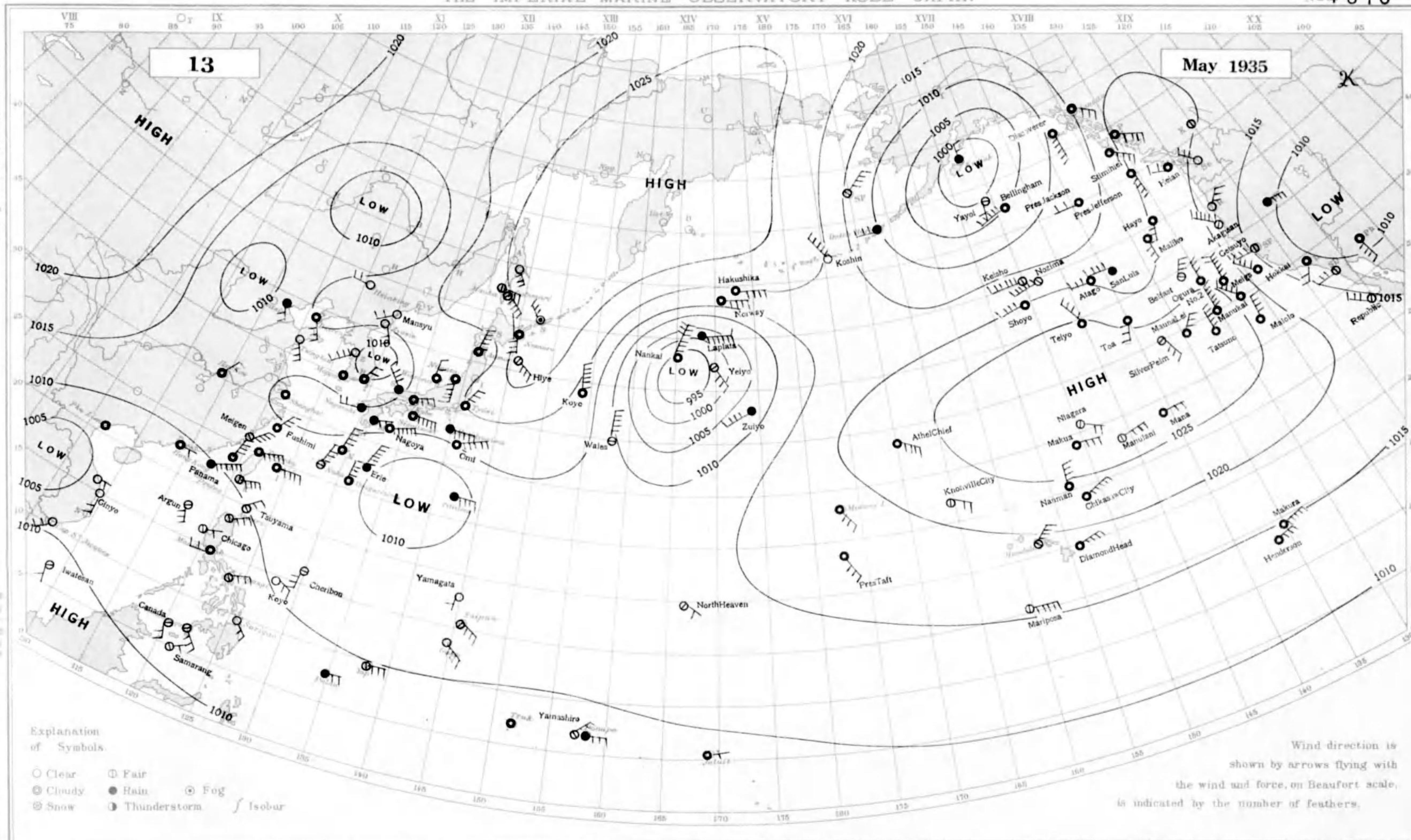
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4 5 1 6

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	Oosarizima 12° 135 E	Nagasaki 12° 135 E	Siomaki 12° 135 E	Kobe 12° 135 E	Työsi 12° 135 E	Hatidyöma 12° 135 E	Tifzima 12° 135 E	Wazima 12° 135 E	Aosori 12° 135 E	Nemuro 12° 135 E	Botomari 12° 135 E	Moppo 12° 135 E	Zyösin 12° 135 E	Dairen 12° 135 E	Hsinking 12° 135 E
Hour of Observation																	
Atm. Pressure (Red. to sea level and Std. Gr.) mb.	11.4	11.5	10.3	14.9	17.9	16.2	22.3	18.1	09.0	15.4	18.1	27.8	24.8	14.7	17.1	15.5	15.3
Air Temperature (in C)	28	25	24	22	18	22	14	16	19	20	18	4	7	17	11	18	17
Direction and Force of Winds (0-12)	ENE 5	NNE 4	N 4	W 2	E 5	ENE 3	NE 3	E 5	E 4	N 2	NNE 5	S 3	SE 4	- 1	SSE 2	SSE 3	W 2
Weather	cloudy	fair	cloudy	rain	cloudy	cloudy	cloudy	rain	rain	cloudy	cloudy	cloudy	fair	cloudy	clear	cloudy	clear
Station	Tientsin 12° 135 E	Tsingtan 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 8h	Hongkong 10h	Manilla 14h	Phu-Lien 10h	Surigao 14h	Honolulu Midnight	Midway I. Midnight	Dutch Harbor Midnight	Kodiak Midnight
Hour of Observation																	
Atm. Pressure (Red. to sea level and Std. Gr.) mb.	13.3	14.3	15.5	14.9	10.1	09.2	09.1	08.4	10.9	08.6	08.7	08.0	09.0	19.3	18.6	09.1	99.6
Air Temperature (in C)	14	18	22	24	29	25	29	28	27	26	31	29	33	24	27	6	6
Direction and Force of Winds (0-12)	SSE 2	SSE 3	- 1	NNE 2	SE 3	E 2	- 1	E 3	E 3	E 1	W 2	calm	SE 2	NE 4	SE 3	W 3	N 2
Weather	rain	clear	cloudy	cloudy	fair	rain	cloudy	rain	cloudy	cloudy	cloudy	cloudy	clear	fair	cloudy	rain	rain

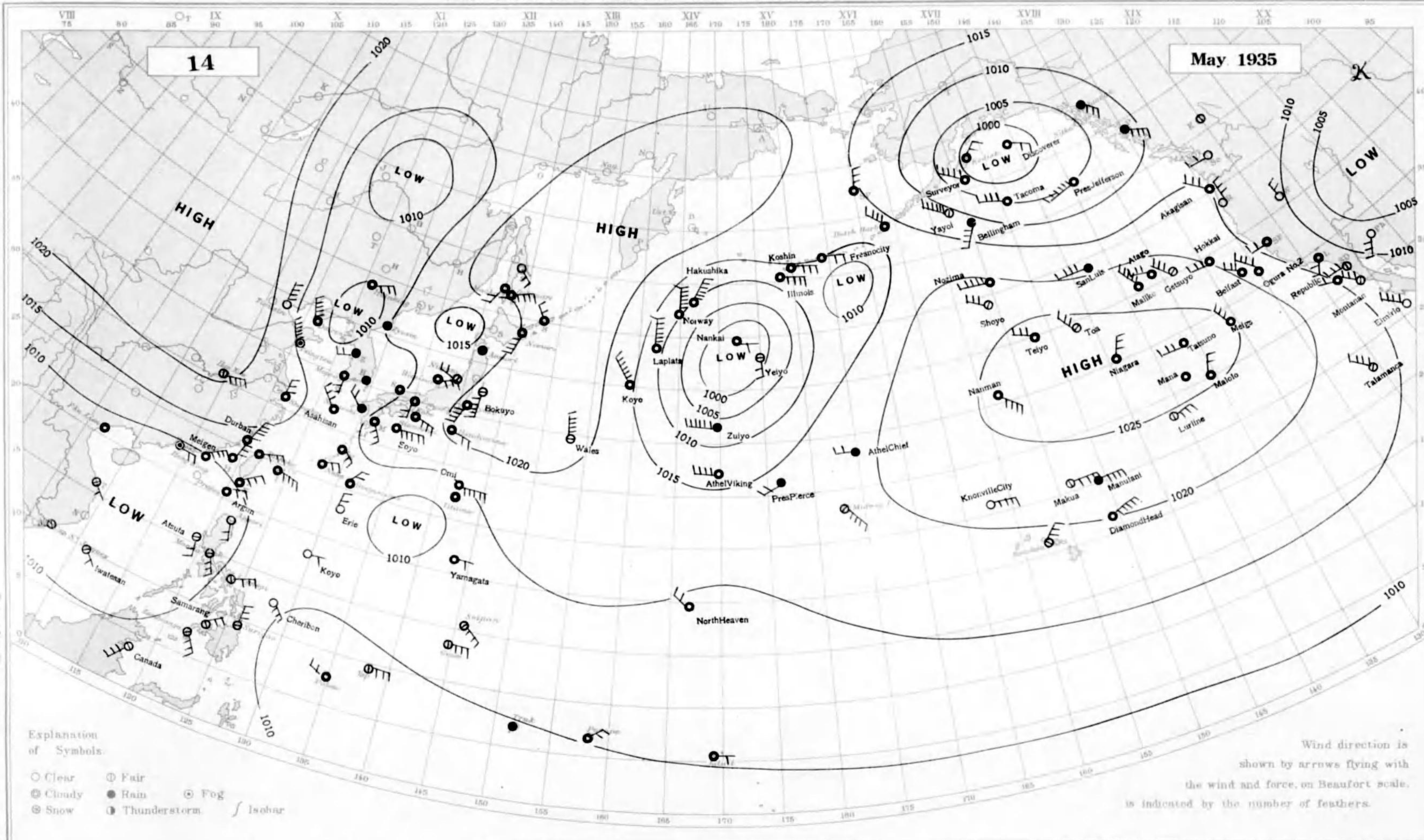
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4 5 17

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	Naha	Oonagazima	Nagasaki	Siomi saki	Kobe	Tyoko	Haidyosima	Tiuzima	Wajima	Ameri	Nemuro	Otomari	Moppo	Zyosin	Dairen	Hinking
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 Sea Dr.) mb.	11.1	13.2	12.8	14.9	18.9	17.7	21.5	21.0	15.4	16.4	17.5	22.7	20.0	12.8	15.0	10.3	09.7
Air Temperature (in C)	31	25	24	18	20	21	20	19	23	17	12	5	4	18	8	15	17
Direction and Force of Winds (0-12)	ENE 3	ENE 2	NE 2	NW 2	ESE 3	S 2	SSW 4	ESE 2	E 3	ENE 3	- 1	SSW 4	ENE 4	S 2	- 1	NNW 5	ENE 3
Weather	cloudy	cloudy	cloudy	rain	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	rain	cloudy	cloudy	cloudy	rain	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	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	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E
Atm. Pressure (Red to sea and Sea Dr.) mb.	17.1	13.6	17.7	20.8	12.2	09.0	11.3	09.7	12.6	08.7	09.2	09.5	10.4	18.6	18.6	15.2	99.6
Air Temperature (in C)	18	18	21	25	29	26	25	30	26	24	33	30	29	26	27	4	7
Direction and Force of Winds (0-12)	N 4	NW 6	N 3	ENE 4	SE 3	WNW 2	- 1	ENE 2	E 2	E 2	SE 3	calm	N 3	NE 3	SE 4	NW 4	NE 2
Weather	clear	fog	cloudy	fair	fair	cloudy	rain	cloudy	cloudy	fog	fair	cloudy	fair	fair	fair	cloudy	cloudy

洋行大船行
 神戶市神戶區中山手通三丁目
 洋行

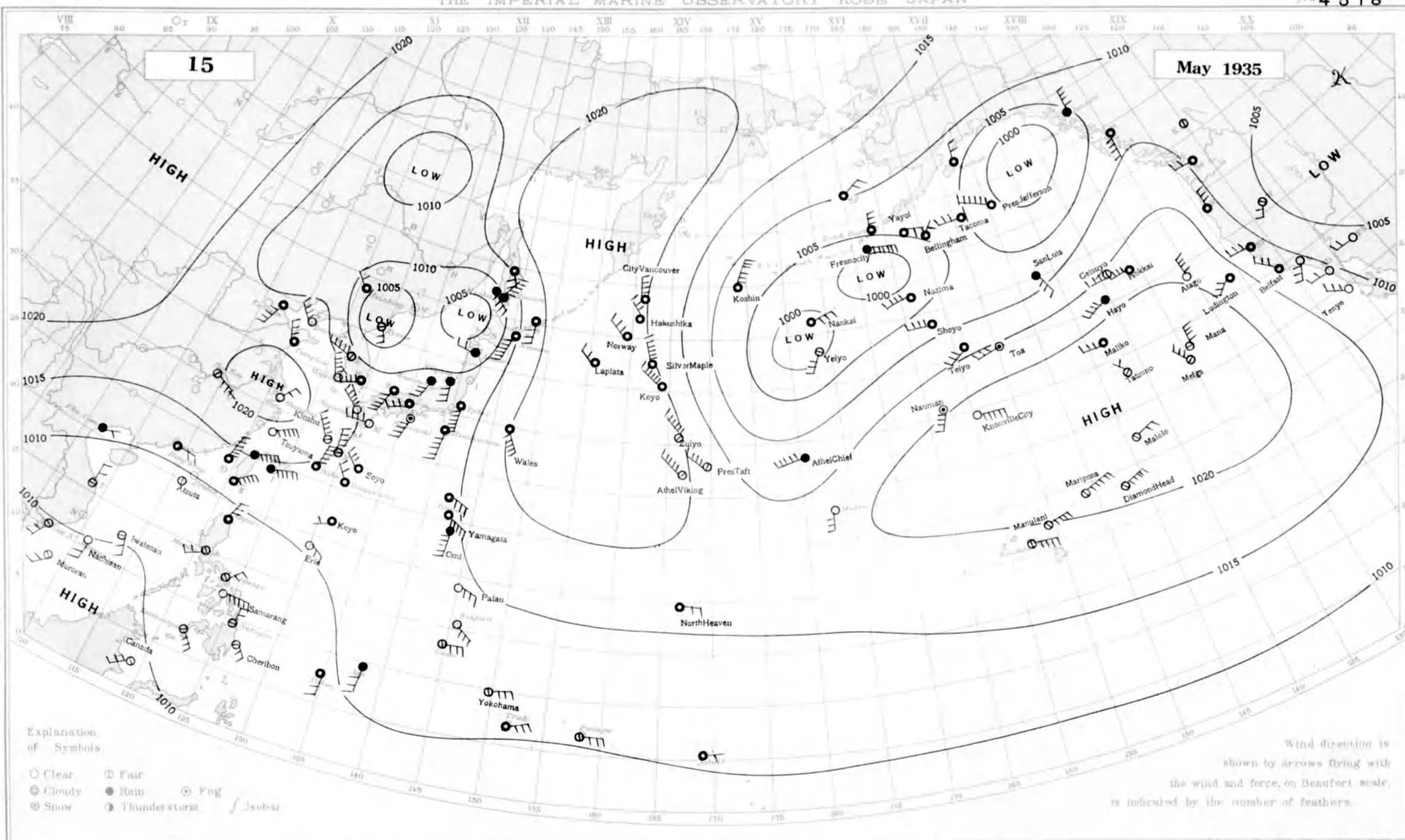
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4 5 1 8

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.

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Station	Faifoku 12°N, 135°E	Naha 12°N, 135°E	Oosugazima 12°N, 135°E	Nagasaki 12°N, 135°E	Somori 12°N, 135°E	Kobe 12°N, 135°E	Tyosai 12°N, 135°E	Haidyosima 12°N, 135°E	Titanima 12°N, 135°E	Wakasa 12°N, 135°E	Aomori 12°N, 135°E	Repuro 12°N, 135°E	Otomari 12°N, 135°E	Mopu 12°N, 135°E	Zyosin 12°N, 135°E	Dairen 12°N, 135°E	Hanking 12°N, 135°E
Hour of Observation																	
Atm. Pressure (Red to sea level and Std. Gr.) mb.	16.8	14.6	13.1	15.5	08.4	09.6	10.3	12.3	13.7	10.3	08.3	15.0	09.1	16.8	03.0	16.7	08.8
Air Temperature (in C)	22	23	24	17	22	19	20	19	23	15	14	9	5	17	10	19	16
Direction and Force of Winds (0-12)	ENE 5	NNE 6	NNW 2	NW 5	NNW 4	WSW 3	S 6	S 5	ESE 3	SW 3	WNW 2	SSW 5	NE 5	NNW 5	SSE 2	NW 4	NW 2
Weather	rain	cloudy	cloudy	clear	fog	cloudy	cloudy	cloudy	cloudy	rain	rain	cloudy	rain	clear	fair	clear	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 10°N	Hongkong 10°N	Manila 14°N	Phu Lien 10°N	Surigao 14°N	Honolulu 21°N	Midway I. 30°N	Dutch Harbor 58°N	Kodiak 58°N
Hour of Observation																	
Atm. Pressure (Red to sea level and Std. Gr.) mb.	15.9	18.6	21.2	19.0	12.0	09.9	10.0	10.4	13.5	11.1	09.5	12.6	10.0	17.9	18.6	06.4	05.1
Air Temperature (in C)	24	22	22	24	30	28	28	30	27	23	33	24	31	24	28	6	9
Direction and Force of Winds (0-12)	SW 4	NNW 3	NE 2	ESE 3	SE 3	S 2	ENE 3	E 3	E 2	E 3	WSW 2	ENE 1	N 2	E 4	S 3	N 3	N 2
Weather	cloudy	cloudy	clear	fair	clear	cloudy	cloudy	fair	cloudy	cloudy	fair	rain	fair	fair	clear	cloudy	cloudy

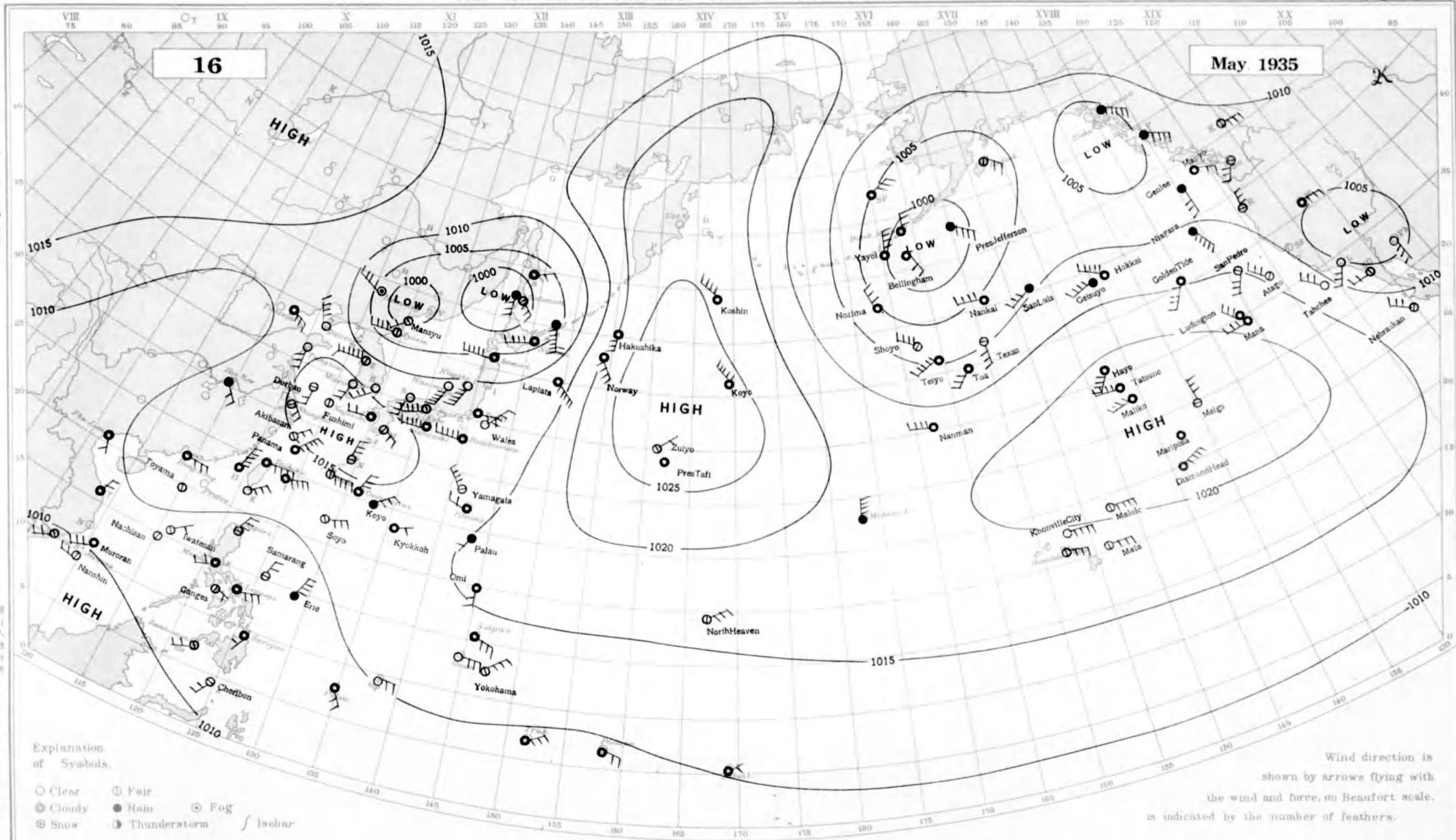
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 4519

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.

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Station	Tsiboku 12°N, 135°E	Naha 12°N, 135°E	Onsarizima 12°N, 135°E	Nagasaki 12°N, 135°E	Siomisaki 12°N, 135°E	Kobe 12°N, 135°E	Tyōsi 12°N, 135°E	Hatidyōsima 12°N, 135°E	Tsuzima 12°N, 135°E	Wazima 12°N, 135°E	Aomori 12°N, 135°E	Nemuro 12°N, 135°E	Ootomari 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 sea level and Std. Gr.) mb.	13.1	13.9	14.3	16.4	12.2	13.1	11.3	11.4	12.6	11.5	05.6	03.7	99.9	16.4	02.3	12.3	04.6
Air Temperature (in C)	24	24	24	18	20	20	17	21	25	18	16	14	11	19	19	20	17
Direction and Force of Winds (0-12)	E 4	E 4	NNE 3	W 2	W 5	WSW 4	E 2	W 5	WNW 2	SW 5	W 6	WSW 4	SE 3	SSW 2	W 3	NNW 4	WNW 4
Weather	cloudy	fair	cloudy	cloudy	cloudy	fair	cloudy	clear	cloudy	clear	cloudy	cloudy	fair	clear	fair	clear	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	Soriano 14°N	Honolulu 19°N, 155°W	Midway I. 19°N, 155°W	Dutch Harbor 19°N, 155°W	Kodiak 19°N, 155°W
Hour of Observation																	
Atm. Pressure (Red to sea level and Std. Gr.) mb.	11.8	13.0	16.2	13.5	11.4	09.2	09.2	08.8	13.1	10.7	08.4	09.7	08.7	17.9	17.9	99.6	01.7
Air Temperature (in C)	24	22	21	20	29	30	28	29	28	23	32	28	30	26	24	4	10
Direction and Force of Winds (0-12)	ESE 3	S 3	SE 2	SE 2	ESE 3	SSE 2	ENE 3	ESE 2	ENE 2	E 3	WSW 2	SSE 1	SW 1	E 3	N 4	N 2	SE 2
Weather	cloudy	clear	fair	rain	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	fair	rain	cloudy	fair

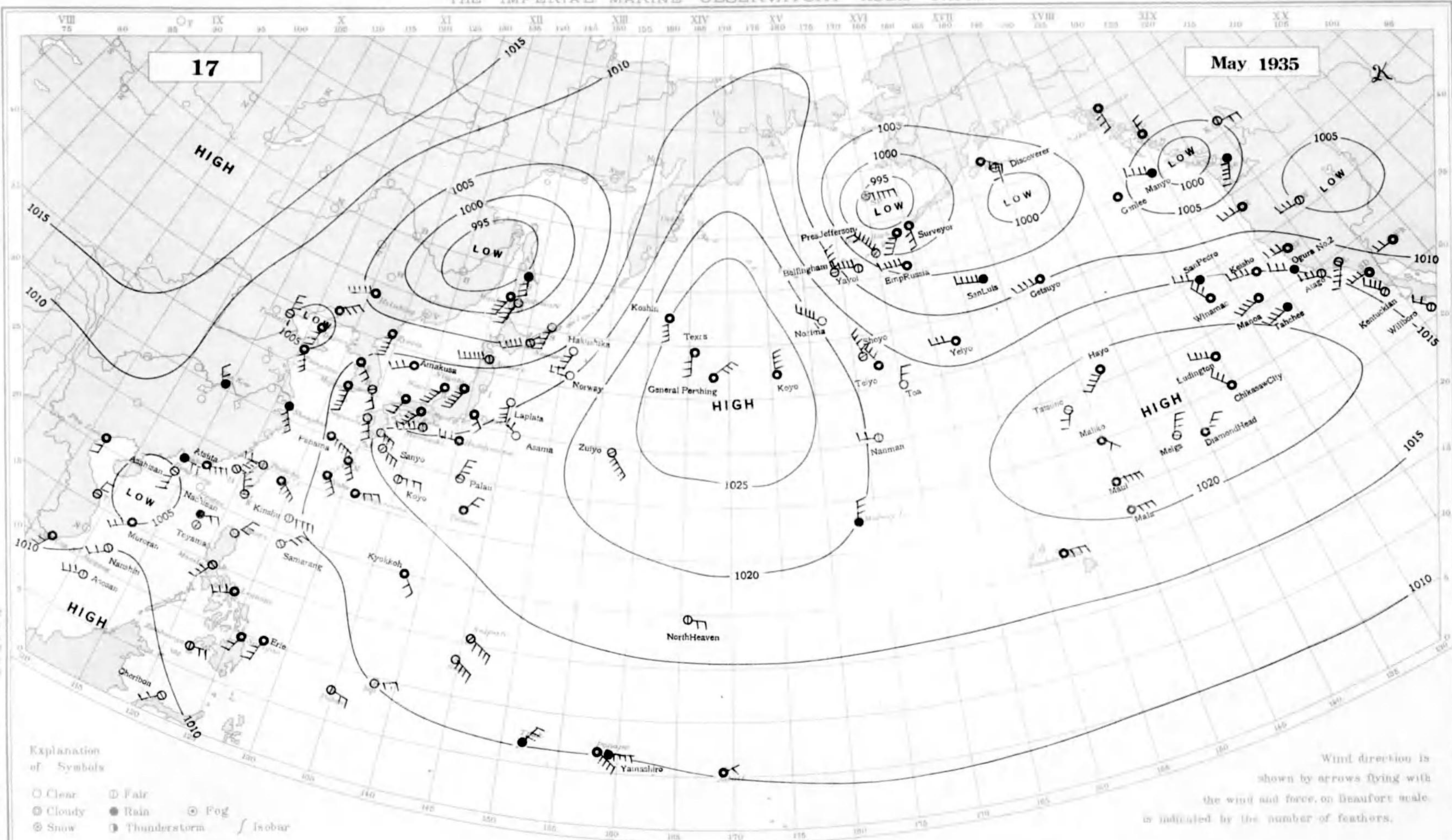
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4520

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 ^h , 135 E	Naha 12 ^h , 135 E	Oosagurima 12 ^h , 135 E	Nagasaki 12 ^h , 135 E	Simsaki 12 ^h , 135 E	Kobe 12 ^h , 135 E	Tyōsi 12 ^h , 135 E	Haidyōsima 12 ^h , 135 E	Titiyama 12 ^h , 135 E	Warina 12 ^h , 135 E	Aomori 12 ^h , 135 E	Nemuro 12 ^h , 135 E	Utonori 12 ^h , 135 E	Moppo 12 ^h , 135 E	Zyōsin 12 ^h , 135 E	Dairen 12 ^h , 135 E	Hsinking 12 ^h , 135 E
Station	Tientsin	Tsingtau	Shanghai	Hankow	Saipan	Piñan	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	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.l. and 5125 ft) mb.	08.7	11.3	13.2	13.1	13.2	13.9	13.6	15.7	15.5	13.9	08.7	05.1	98.3	11.7	05.6	04.6	03.1
Air Temperature (in C)	29	27	23	21	25	24	19	22	24	20	19	15	7	19	15	17	19
Direction and Force of Winds (0-12)	W 2	SE 3	ENE 3	SSE 3	WSW 4	SW 4	SE 2	W 3	NE 2	SW 4	WSW 6	WSW 5	SSW 5	S 5	S 5	S 3	WSW 5
Weather	fair	cloudy	cloudy	clear	fair	cloudy	cloudy	cloudy	cloudy	cloudy	fair	fair	clear	cloudy	cloudy	cloudy	cloudy
Station	Tientsin	Tsingtau	Shanghai	Hankow	Saipan	Piñan	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	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.l. and 5125 ft) mb.	05.1	06.1	07.8	08.8	10.9	09.5	10.6	09.1	12.0	08.4	07.7	06.3	07.8	17.3	20.0	97.6	02.4
Air Temperature (in C)	20	16	18	19	30	30	25	27	28	22	32	29	32	26	22	4	8
Direction and Force of Winds (0-12)	N 3	SSE 4	SSE 4	NW 2	SE 4	ESE 2	NE 3	SE 4	ENE 3	E 2	SW 3	S 2	SW 2	E 3	N 3	SW 4	SE 3
Weather	fair	cloudy	rain	rain	fair	fair	rain	cloudy	cloudy	rain	fair	cloudy	cloudy	fair	rain	cloudy	cloudy

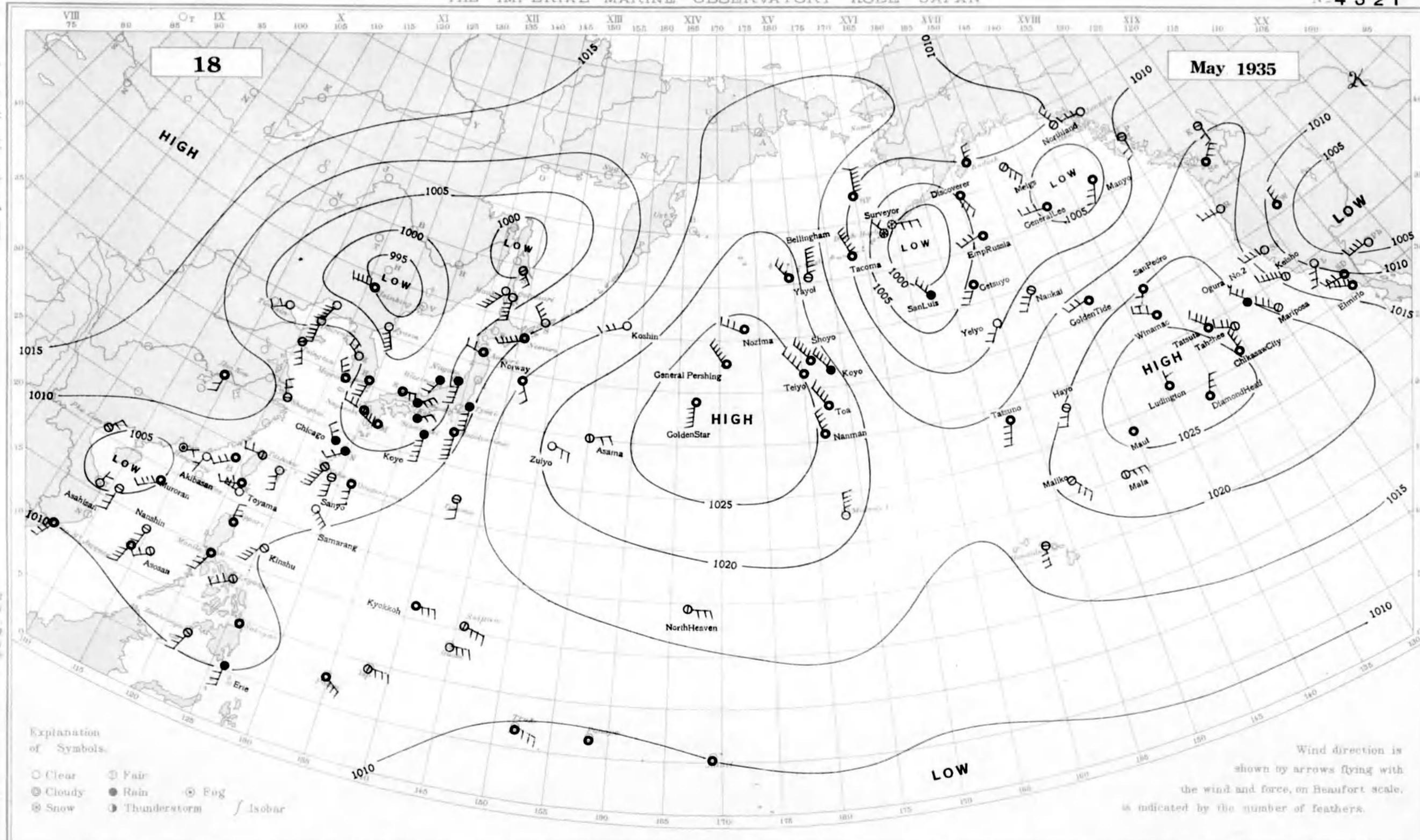
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 4521

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	Taihoku 12°N, 135°E	Naha 12°N, 135°E	Oosagizima 12°N, 135°E	Nagasaki 12°N, 135°E	Siomisaki 12°N, 135°E	Kōbe 12°N, 135°E	Tyōsi 12°N, 135°E	Hachiyōama 12°N, 135°E	Titiyama 12°N, 135°E	Wajima 12°N, 135°E	Aomori 12°N, 135°E	Nemuro 12°N, 135°E	Ootomari 12°N, 135°E	Moppo 12°N, 135°E	Zyūsin 12°N, 135°E	Dairen 12°N, 135°E	Hsinking 12°N, 135°E
Hour of Observation																	
Atm. Pressure (Red to sea level and Sea level)	06.3	07.4	09.1	03.5	02.9	00.4	09.9	09.6	14.6	04.3	07.9	10.1	03.9	05.5	98.0	03.1	96.2
Air Temperature (in °C)	31	27	28	18	17	16	18	19	28	13	14	13	10	19	13	18	19
Direction and Force of Winds (0-12)	W 2	SSW 5	S 3	WNW 3	ENE 2	ENE 3	S 4	S 5	S 2	SSW 2	WNW 2	WSW 5	S 5	NNW 3	SSE 5	S 5	W 5
Weather	fair	fair	cloudy	cloudy	fair	rain	rain	cloudy	fair	rain	cloudy	cloudy	clear	cloudy	clear	clear	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 14°N	Hongkong 10°N	Manila 14°N	Phu Len 10°N	Surigao 14°N	Honolulu 21°N, 155°W	Midway I. 33°N, 165°W	Dutch Harbor 56°N, 156°W	Kodiak 58°N, 153°W
Hour of Observation																	
Atm. Pressure (Red to sea level and Sea level)	01.0	06.0	08.2	10.9	11.9	10.3	09.7	09.9	12.4	05.3	09.2	05.1	09.7	16.6	22.7	95.6	09.8
Air Temperature (in °C)	29	26	24	23	30	28	28	27	26	24	32	31	32	24	22	0	8
Direction and Force of Winds (0-12)	WSW 2	SSE 3	NNW 2	S 2	ESE 3	SE 3	ENE 3	calm	NE 1	ENE 1	SW 3	NE 2	calm	S 3	N 4	NW 2	N 3
Weather	clear	fair	fair	cloudy	fair	cloudy	cloudy	cloudy	cloudy	fog	cloudy	fair	cloudy	fair	clear	snow	cloudy

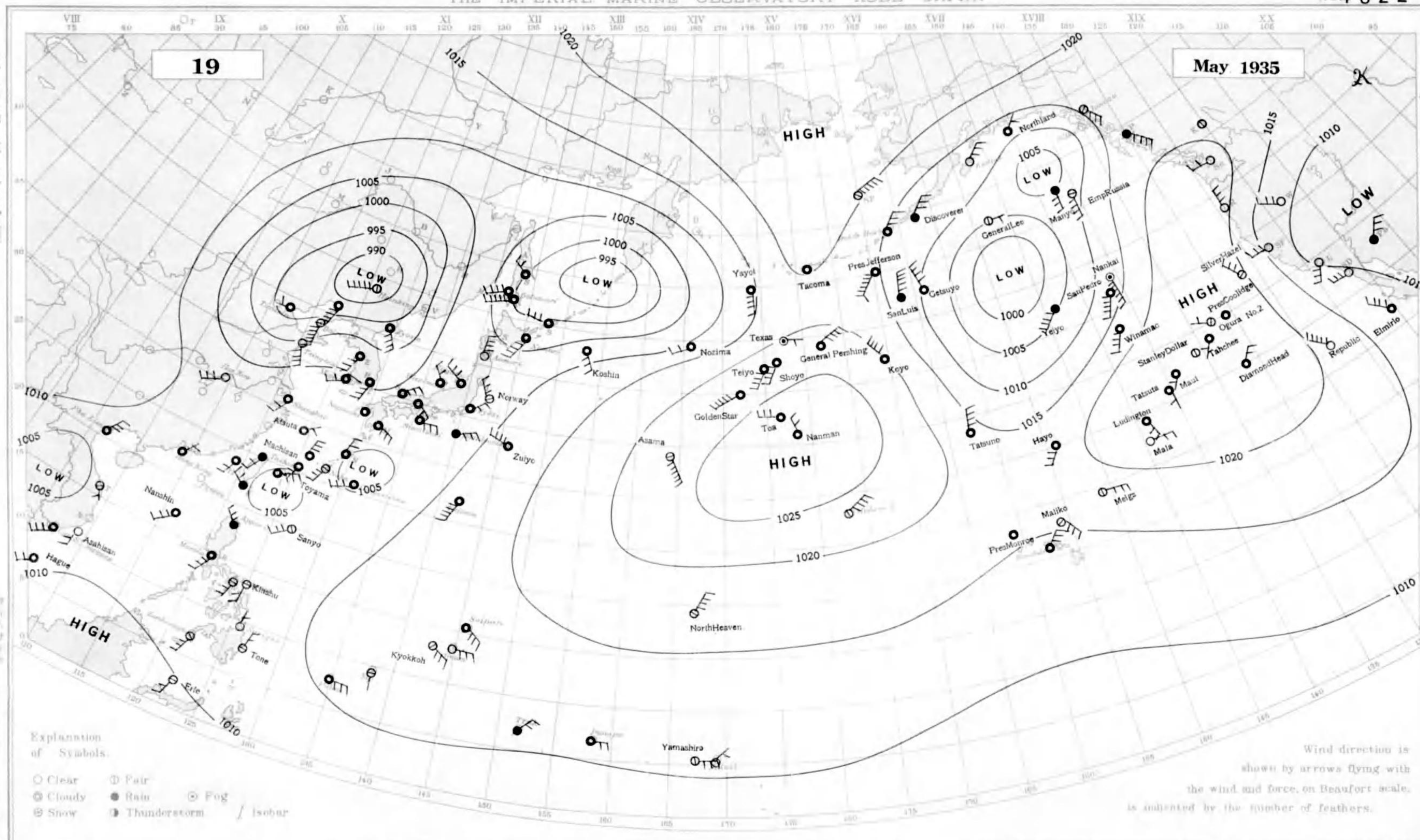
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 4522

北太平洋天氣圖



Explanation of Symbols.

○ Clear ⊕ Pair
 ☁ 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	Ongarizima 12° 135 E	Nagasaki 12° 135 E	Simsaki 12° 135 E	Kobe 12° 135 E	Tyōn 12° 135 E	Hatidyōma 12° 135 E	Tsushima 12° 135 E	Wakana 12° 135 E	Aomori 12° 135 E	Nemuro 12° 135 E	Otonari 12° 135 E	Moppo 12° 135 E	Zyōsa 12° 135 E	Dairen 12° 135 E	Hsinking 12° 135 E
Hour of Observation																	
Atm. Pressure (Red to w.c. and Red. to) mb	06.4	06.0	04.7	05.2	06.4	05.6	09.7	09.0	12.3	06.9	07.3	04.2	99.9	05.5	96.4	97.7	88.2
Air Temperature (in C)	29	28	26	19	22	23	16	19	29	18	18	12	9	20	19	22	25
Direction and Force of Winds (0-12)	SW 2	SW 3	WSW 3	- 1	E 3	SE 2	ENE 2	ENE 3	SSW 2	NNW 2	N 4	SW 4	WSW 6	WSW 2	SSE 4	S 6	WSW 5
Weather	rain	fair	cloudy	cloudy	cloudy	cloudy	cloudy	rain	cloudy	cloudy	clear	cloudy	cloudy	cloudy	cloudy	clear	fair
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 14°	Hongkong 10°	Manila 14°	Phil. Is. 10°	Surigo 14°	Honolulu 21° 155°	Midway I. 21° 155°	Dutch Harbor 21° 155°	Kodiak 21° 155°
Hour of Observation																	
Atm. Pressure (Red to w.c. and Red. to) mb	93.5	00.0	05.7	07.4	11.7	10.0	11.3	10.3	11.4	06.0	09.0	09.1	09.5	14.5	22.7	14.5	13.9
Air Temperature (in C)	33	19	23	26	30	29	25	28	29	25	32	23	32	26	9	9	10
Direction and Force of Winds (0-12)	W 2	SSE 4	SW 2	WSW 3	SE 3	E 3	NE 2	E 2	NE 1	NE 1	SW 3	NE 3	N 1	NE 3	NE 4	NE 3	NE 3
Weather	cloudy	clear	cloudy	clear	cloudy	cloudy	rain	cloudy	fair	cloudy	cloudy	cloudy	clear	cloudy	fair	fair	clear

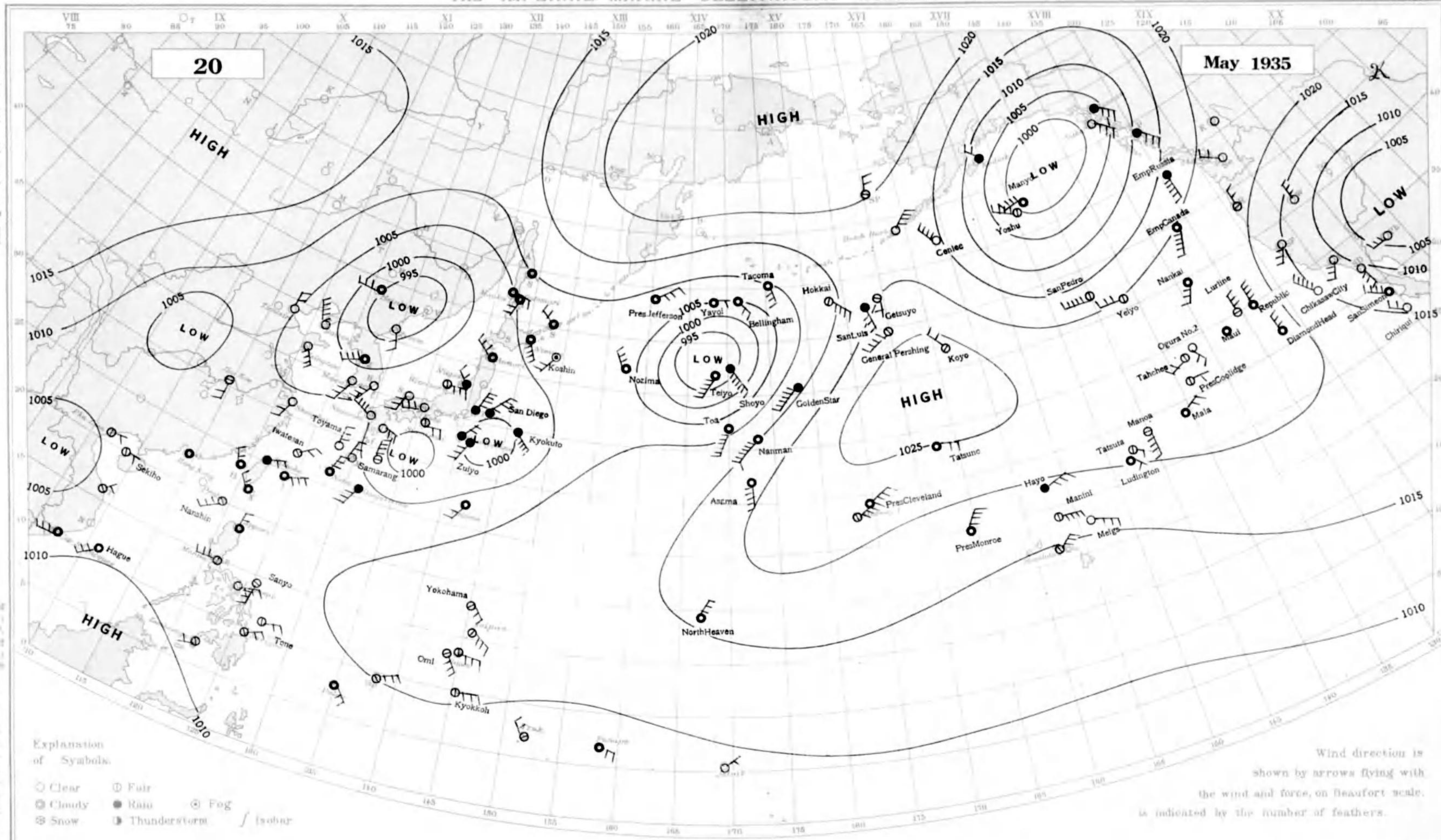
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4523

北太平洋天氣圖



Station	Tsukuba	Naha	Oongorizima	Nagasaki	Somi saki	Kobe	Tyōsū	Hatidyōsima	Tsūtsū	Wajima	Amori	Nemuro	Dotoomri	Moppo	Zyōsū	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 Std. 0 ^h) mb.	07.3	07.1	06.6	06.0	02.4	02.1	02.0	01.2	09.7	02.1	01.9	09.3	08.0	03.0	94.6	03.9	95.0
Air Temperature (in C)	25	24	24	20	21	25	15	19	28	21	18	11	9	24	15	20	16
Direction and Force of Winds (0-12)	ENE 2	NNE 3	SW 3	WNW 4	E 2	WSW 3	NNE 4	NE 2	SW 2	E 3	NW 3	SSE 4	SW 2	SW 3	SSE 2	NNW 5	W 3
Weather	rain	cloudy	rain	clear	fair	clear	rain	rain	cloudy	fair	cloudy	cloudy	cloudy	clear	clear	clear	cloudy
Station	Tientsin	Tsingtau	Shanghai	Hankow	Saipan	Paiou	Truk	Ponape	Jaluit	Hongkong	Manila	Phu Lien	Surigno	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 Std. 0 ^h) mb.	06.4	03.9	05.5	06.9	10.6	09.1	08.8	08.8	11.7	05.3	07.9	05.9	08.7	13.9	20.6	17.3	05.1
Air Temperature (in C)	28	27	30	29	29	30	31	29	29	25	32	27	32	28	22	8	6
Direction and Force of Winds (0-12)	N 2	SE 4	SW 2	S 2	SE 3	SE 2	NNW 2	ESE 2	NE 2	calm	W 3	ENE 1	ENE 2	NE 3	NE 4	NE 4	NW 2
Weather	clear	clear	clear	fair	fair	cloudy	fair	cloudy	fair	cloudy	fair	cloudy	fair	fair	fair	clear	rain

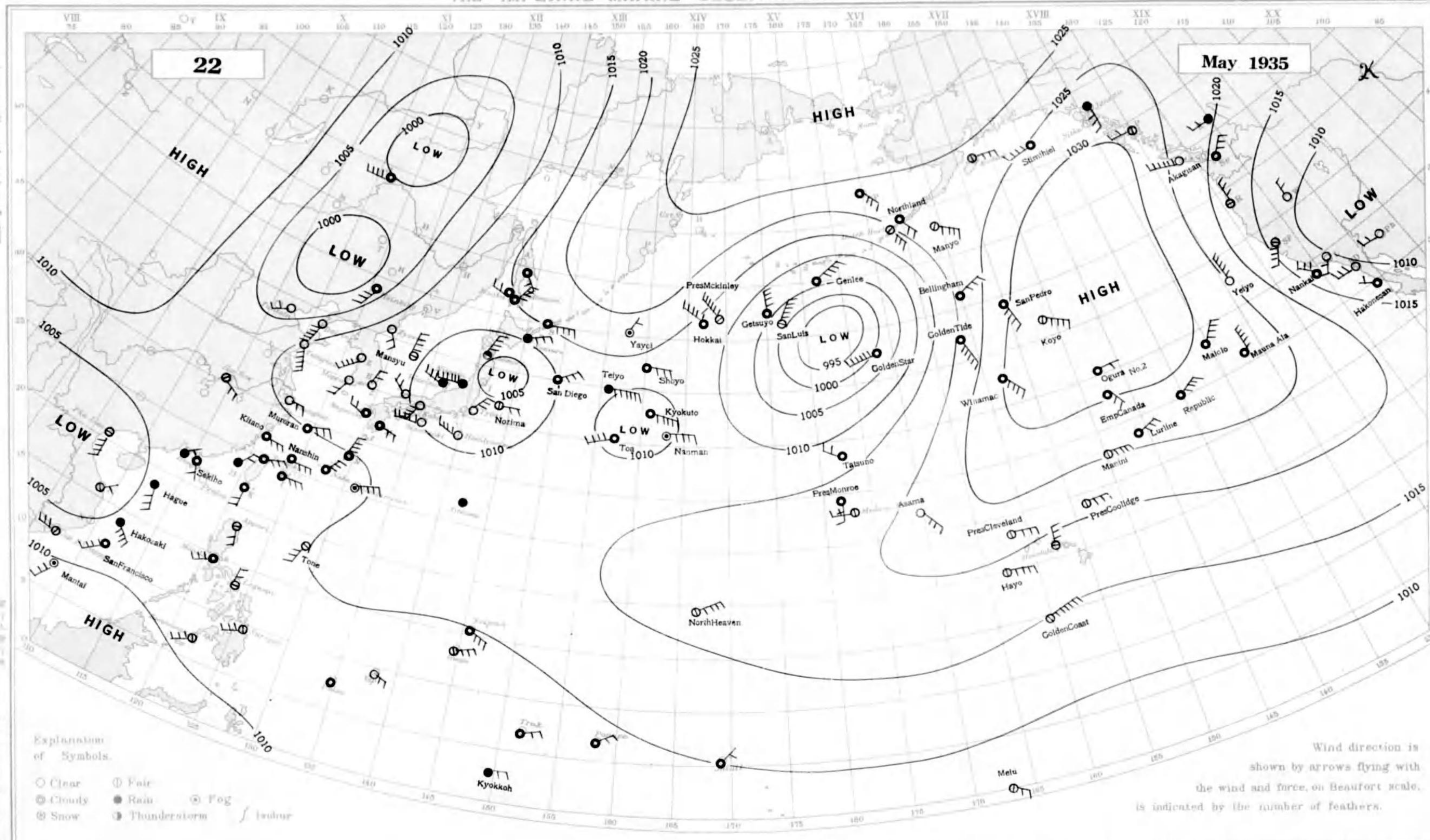
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 4525

北太平洋天氣圖



Station	Tsukuba 120° 135 E	Naha 125° 135 E	Ongarizima 125° 135 E	Nagasaki 125° 135 E	Saipan 125° 135 E	Kobe 125° 135 E	Tyōri 125° 135 E	Hatidyōsima 125° 135 E	Tilizima 125° 135 E	Wakana 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 and Std 0° h)	07.8	08.7	08.6	11.5	08.4	08.4	07.4	07.9	10.0	08.7	09.1	13.7	15.4	12.8	13.9	07.5	02.1
Air Temperature (in C)	26	24	25	24	23	24	18	23	24	15	14	6	11	23	12	28	29
Direction and Force of Winds (0-12)	ENE 3	NE 3	ENE 4	WNW 2	W 5	SW 4	NE 3	WNW 4	calm	WNW 3	NNE 4	ENE 3	NE 4	SSW 2	SSE 2	SSW 5	SW 3
Weather	cloudy	cloudy	cloudy	cloudy	clear	clear	clear	clear	rain	rain	t.s.	rain	cloudy	clear	clear	clear	cloudy
Station	Tientsin 120° 135 E	Tsingtau 120° 135 E	Shanghai 120° 135 E	Hankow 120° 135 E	Saipan 125° 135 E	Palau 125° 135 E	Truk 125° 135 E	Ponape 125° 135 E	Uluk 125° 135 E	Hongkong 105°	Mandai 145°	Phu Lien 105°	SURIGAO 145°	Honolulu 155°	Midway I. 155°	Dutch Harbor 155°	Kodiak 155°
Hour of Observation																	
Atm. Pressure (Red to sea and Std 0° h)	04.2	10.4	10.4	07.5	09.5	08.8	08.2	08.2	11.1	05.2	07.1	03.7	08.7	17.3	18.6	21.3	21.3
Air Temperature (in C)	33	19	28	30	27	29	29	28	27	26	33	31	31	27	27	8	10
Direction and Force of Winds (0-12)	WSW 2	SSE 5	E 2	ESE 2	ESE 3	- 1	ENE 3	ENE 2	NE 2	NE 1	WSW 3	S 4	WSW 3	N 3	W 2	SE 3	E 3
Weather	clear	clear	clear	fair	cloudy	cloudy	cloudy	cloudy	cloudy	rain	cloudy	fair	fair	fair	fair	fair	fair

北太平洋天氣圖

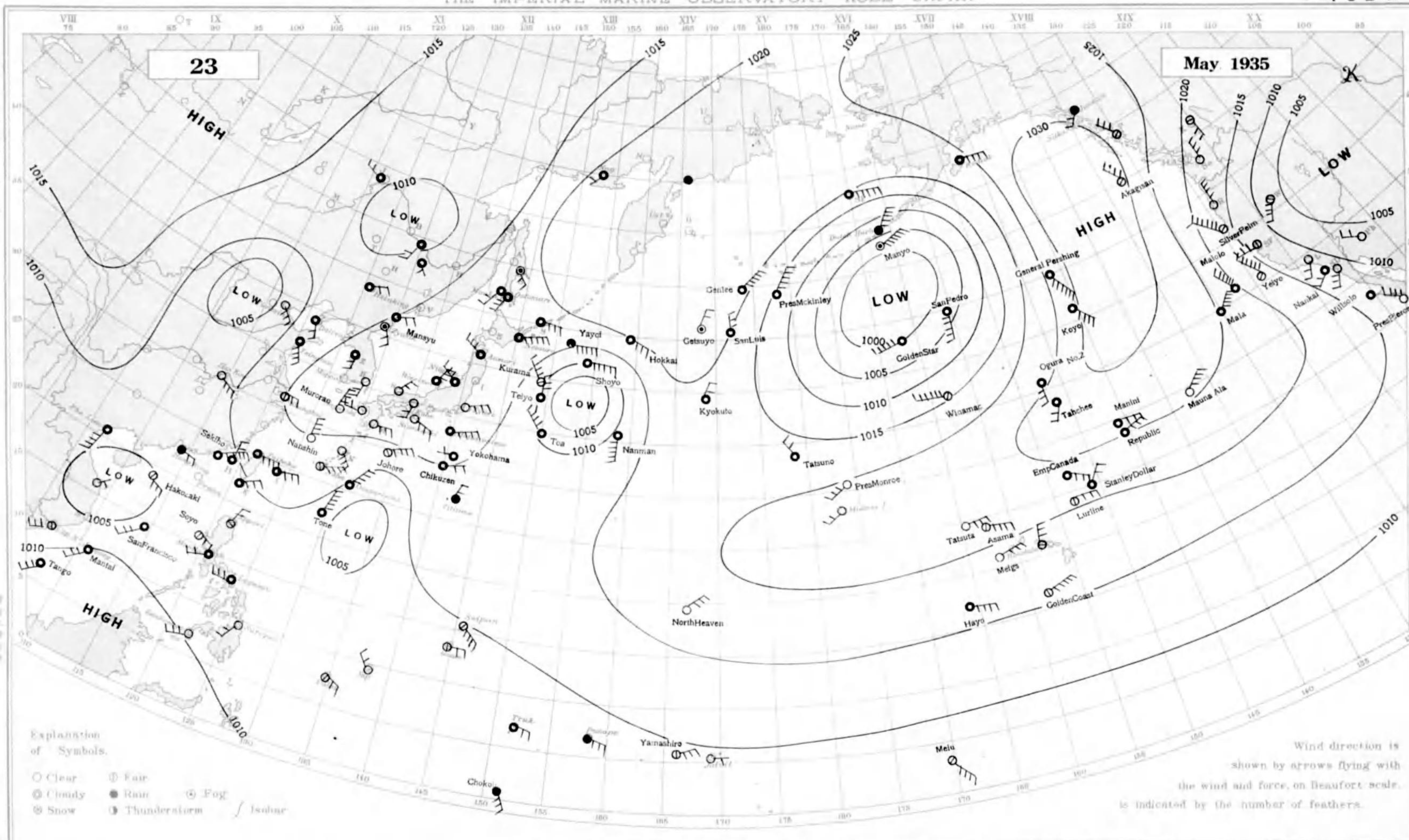
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4 5 2 6

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	Taihoku 12° 135 E	Naha 12° 135 E	Osaruzimon 12° 135 E	Nagasaki 12° 135 E	Semi saki 12° 135 E	Kobe 12° 135 E	Tyōgi 12° 135 E	Hakidōyama 12° 135 E	Tsuzima 12° 135 E	Wakana 12° 135 E	Aomori 12° 135 E	Nemuro 12° 135 E	Otomari 12° 135 E	Moppo 12° 135 E	Zyōshi 12° 135 E	Hairen 12° 135 E	Hsinking 12° 135 E
Hour of Observation																	
Atm. Pressure (Red to sea and Red Or) mb.	11.1	12.2	09.9	15.1	15.5	16.4	17.5	16.2	12.2	19.3	16.0	15.3	18.7	16.7	17.0	13.0	13.0
Air Temperature (in C)	28	26	24	26	22	21	16	20	22	17	17	5	10	25	12	24	22
Direction and Force of Winds (0-12)	E 4	ENE 4	NE 4	W 2	ESE 3	S 2	ENE 3	ENE 4	NNE 2	NE 3	NW 3	ENE 5	SW 3	- 1	SSE 2	SSE 2	ENE 2
Weather	cloudy	fair	cloudy	clear	clear	clear	clear	cloudy	rain	cloudy	cloudy	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	Paisu 12° 135 E	Truk 12° 135 E	Ponape 12° 135 E	Jaluit 0°	Hongkong 10°	Manila 14°	Phi-Lien 10°	Surigao 14°	Honolulu 19.5°	Midway I. 19.5°	Dutch Harbor 19.5°	Kodiak 19.5°
Hour of Observation																	
Atm. Pressure (Red to sea and Red Or) mb.	09.7	13.3	15.0	09.6	09.6	09.5	08.2	08.8	11.7	07.4	09.3	05.3	09.0	17.9	20.6	05.7	24.7
Air Temperature (in C)	29	21	27	29	29	31	30	28	29	26	31	30	32	27	27	4	8
Direction and Force of Winds (0-12)	SE 3	SSE 4	E 2	ESE 3	SE 4	ESE 2	ESE 2	ESE 3	E 2	E 2	WSW 2	SSE 4	SW 2	N 3	SW 2	NE 5	E 3
Weather	clear	cloudy	fair	clear	fair	fair	cloudy	rain	fair	rain	cloudy	cloudy	clear	fair	clear	rain	cloudy

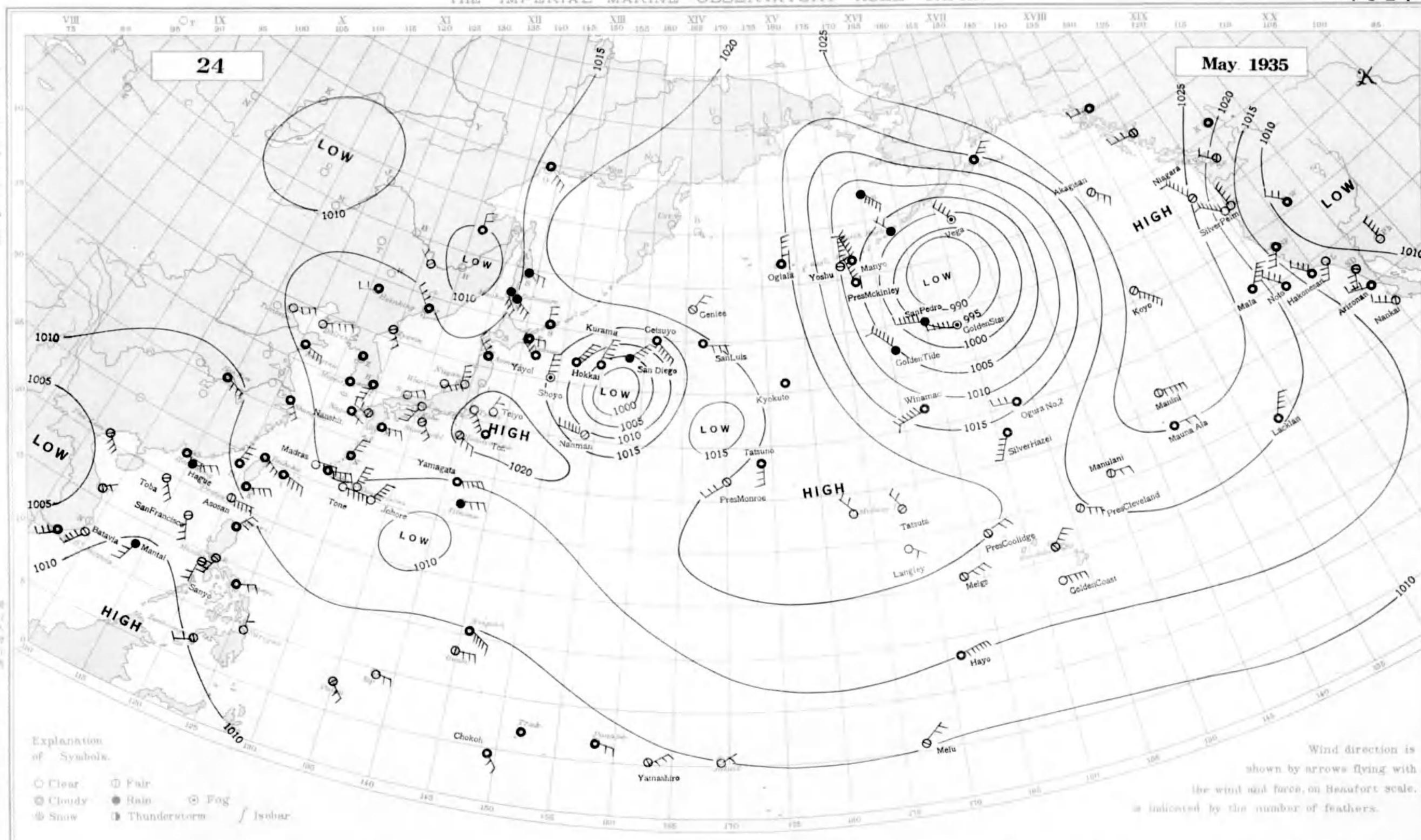
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4527

北太平洋天氣圖



Explanation of Symbols.

- Clear
- ☁ Cloudy
- ⊙ Snow
- ☉ Fair
- ⊙ Rain
- ⊙ Thunderstorm
- ⊙ Fog
- Isobar

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

Station	Tohoku 12°N, 135°E	Naha 12°N, 135°E	Osaka 12°N, 135°E	Nagasaki 12°N, 135°E	Siamsaki 12°N, 135°E	Kobe 12°N, 135°E	Tyōwa 12°N, 135°E	Haridōsima 12°N, 135°E	Tsushima 12°N, 135°E	Wakana 12°N, 135°E	Asomi 12°N, 135°E	Nemuro 12°N, 135°E	Dōmuri 12°N, 135°E	Miyo 12°N, 135°E	Zyōsin 12°N, 135°E	Bairen 12°N, 135°E	Hanking 12°N, 135°E
Hour of Observation																	
Atm. Pressure (Red to sea) and (Std. Gr.) in h.	11.8	15.1	13.7	18.1	19.3	19.0	20.2	20.6	11.1	18.0	18.1	18.6	16.2	18.1	18.4	19.6	19.1
Air Temperature (in C)	32	26	25	25	23	24	20	20	20	19	15	8	4	24	15	21	18
Direction and Force of Winds (0-12)	ESE 3	ENE 4	NNE 4	WNW 2	SE 2	SSW 3	SSE 4	ESE 3	ENE 3	ENE 3	NW 3	E 2	SE 3	- 1	SSE 2	ENE 4	WSW 2
Weather	cloudy	cloudy	clear	fair	fair	clear	clear	fair	rain	clear	cloudy	cloudy	rain	cloudy	fair	clear	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 14°N	Hongkong 10°N	Manilla 14°N	Phi-Lieu 10°N	Surigao 14°N	Honolulu 19°N	Midway I. 19°N	Dutch Harbor 19°N	Kodiak 19°N
Hour of Observation																	
Atm. Pressure (Red to sea) and (Std. Gr.) in h.	17.1	15.5	14.0	08.6	09.1	08.8	09.0	08.0	11.4	08.8	09.1	05.5	08.7	16.6	20.6	95.6	19.3
Air Temperature (in C)	25	19	25	26	29	30	28	30	29	24	31	30	32	27	27	8	6
Direction and Force of Winds (0-12)	ENE 3	ESE 4	SE 3	ESE 3	SE 5	SE 2	- 1	ESE 2	NE 2	E 3	SW 3	SE 3	N 1	NE 3	NW 2	NW 2	NE 3
Weather	clear	cloudy	cloudy	cloudy	clear	fair	cloudy	cloudy	fair	cloudy	fair	fair	clear	fair	clear	rain	cloudy

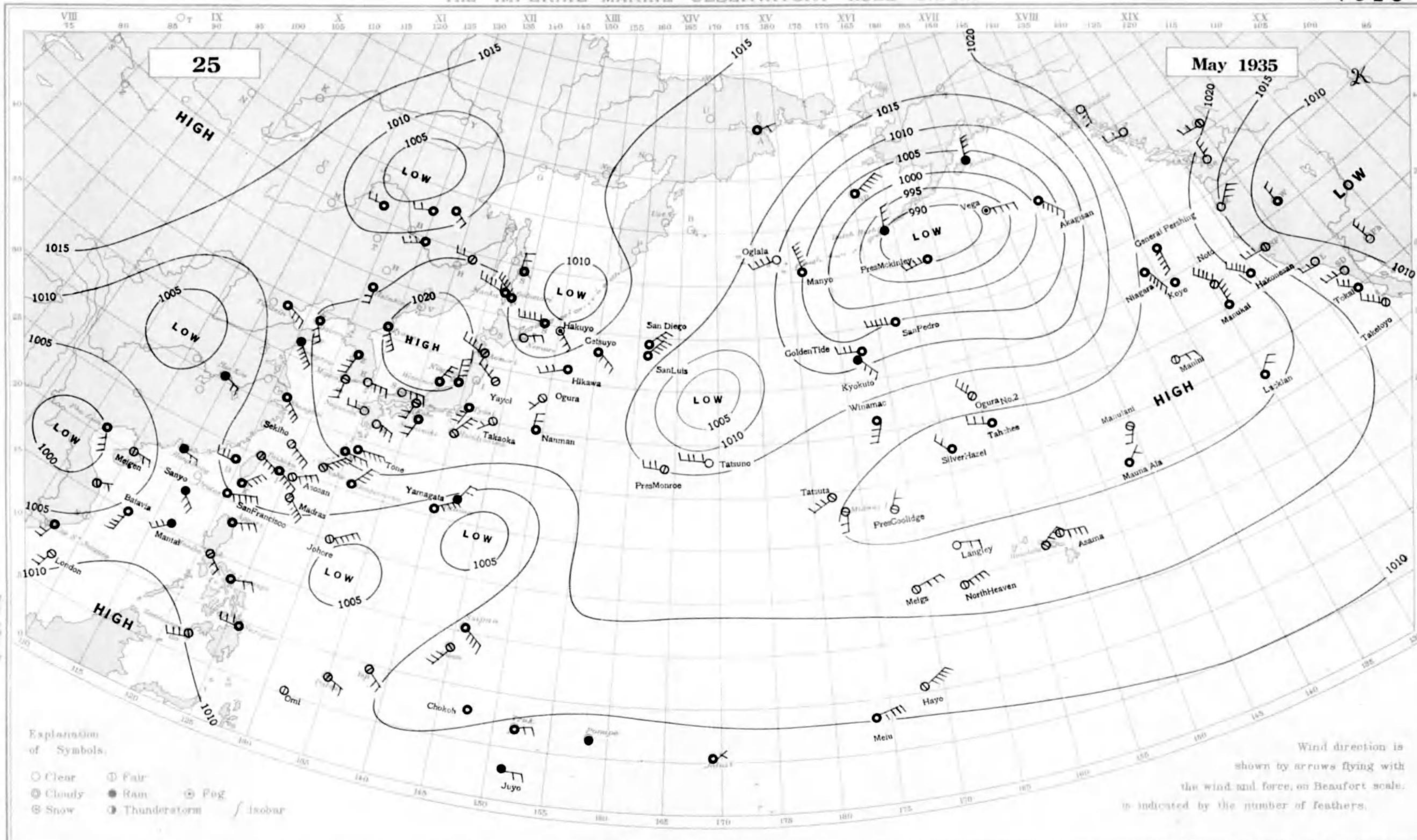
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 4528

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	Ooaganzima 12° 135 E	Nagasaki 12° 135 E	Simi-saki 12° 135 E	Kobe 12° 135 E	Tyōsi 12° 135 E	Hatidyōsima 12° 135 E	Titizima 12° 135 E	Wajima 12° 135 E	Amori 12° 135 E	Nemuro 12° 135 E	Otomari 12° 135 E	Moppo 12° 135 E	Zyōshi 12° 135 E	Dairen 12° 135 E	Hsinking 12° 135 E
Hour of Observation																	
Atm. Pressure (Red to sea and 560 ft) mb.	10.6	13.6	13.2	17.0	17.7	17.2	18.4	18.3	08.3	20.3	19.9	13.3	13.9	17.1	20.3	15.1	12.4
Air Temperature (in C)	31	25	24	26	23	26	22	21	23	19	20	15	7	25	16	19	24
Direction and Force of Winds (0-12)	ESE 3	ENE 5	NR 4	W 2	SSW 2	SSW 2	SSW 3	NE 3	NE 2	NE 3	NW 4	ENE 2	NW 5	S 2	SSE 4	SSE 3	S 2
Weather	fair	fair	cloudy	clear	cloudy	fair	cloudy	fair	rain	cloudy	fair	clear	cloudy	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	Jaluit 8°	Hongkong 10°	Manila 14°	Pho Lien 10°	Surigno 14°	Honolulu 21° 155 W	Midway I. 33° 165 W	Dutch Harbor 61° 150 W	Kodiak 58° 140 W
Hour of Observation																	
Atm. Pressure (Red to sea and 560 ft) mb.	11.5	11.9	12.4	06.6	10.0	08.6	09.2	09.1	10.3	08.3	09.1	04.8	08.4	15.9	20.0	88.1	09.1
Air Temperature (in C)	22	17	26	23	29	31	30	25	28	25	30	30	32	27	27	6	6
Direction and Force of Winds (0-12)	ESE 3	SE 5	SE 4	ESE 2	SE 4	ESE 2	ENE 2	- 1	NE 3	E 2	SE 2	SSE 3	W 3	NE 3	S 3	N 3	N 4
Weather	cloudy	rain	cloudy	rain	cloudy	fair	cloudy	rain	cloudy	rain	fair	cloudy	cloudy	fair	fair	rain	rain

中華民國二十五年五月二十五日

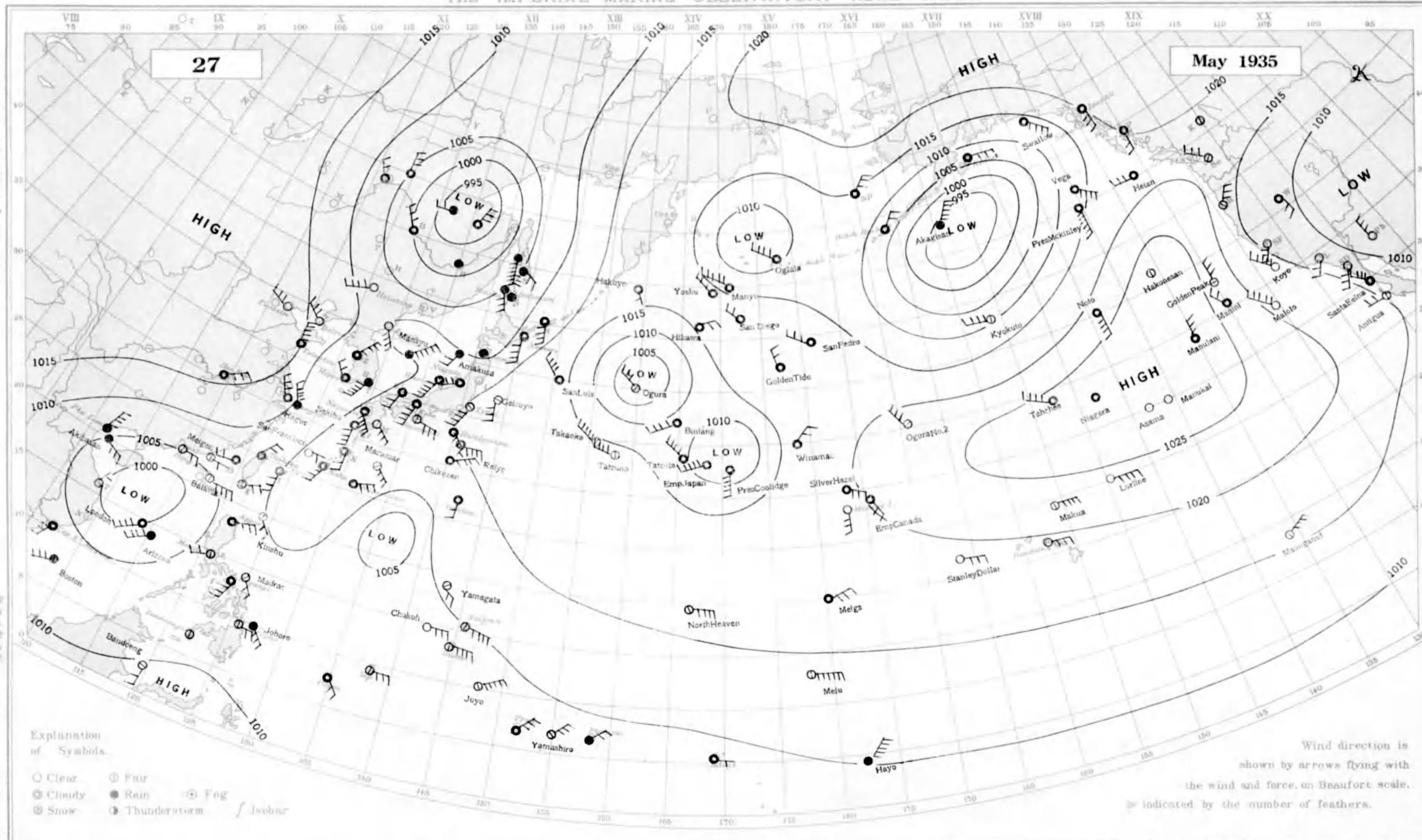
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(North of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№4530

北太平洋天氣圖



Explanation of Symbols.

- Clear
- ☁ Cloudy
- ⊖ Snow
- ⊙ Fair
- Rain
- ⊕ Thunderstorm
- ⊖ Fog
- Isobar

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

Station	Taihoiku 12°N, 135°E	Naha 12°N, 135°E	Ooguruzhima 12°N, 135°E	Nagasaki 12°N, 135°E	Simi-saki 12°N, 135°E	Kobe 12°N, 135°E	Tyoko 12°N, 135°E	Haidyosima 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	Ouinmari 12°N, 135°E	Mopu 12°N, 135°E	Zyosin 12°N, 135°E	Dairen 12°N, 135°E	Hanking 12°N, 135°E
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. 23°N, 170°W	Dutch Harbor 58°N, 156°W	Kodiak 58°N, 156°W
Hour of Observation																	
Atm. Pressure (Red to 1011 and 1012 or 1013)	09.0	10.3	10.9	10.1	13.9	14.0	15.1	15.1	11.3	11.4	09.7	14.9	06.1	06.9	10.7	14.1	07.4
Air Temperature (in C)	29	26	25	22	23	22	21	20	26	22	16	8	6	18	11	20	21
Direction and Force of Winds (0-12)	NE 2	SW 3	ENE 3	SSE 5	ESE 3	SSW 4	SSW 4	SE 3	S 2	SW 5	calm	S 4	WNW 2	NW 2	SSE 4	NW 3	WSW 4
Weather	cloudy	cloudy	cloudy	cloudy	fair	cloudy	fair	cloudy	cloudy	cloudy	rain	cloudy	rain	fog	clear	clear	clear
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. 23°N, 170°W	Dutch Harbor 58°N, 156°W	Kodiak 58°N, 156°W
Hour of Observation																	
Atm. Pressure (Red to 1011 and 1012 or 1013)	16.4	15.3	13.9	15.5	09.9	09.0	08.6	07.9	10.0	06.0	07.9	05.3	07.9	18.6	19.3	97.6	06.4
Air Temperature (in C)	27	19	19	23	29	29	29	28	28	26	31	23	35	27	28	8	7
Direction and Force of Winds (0-12)	WNW 3	N 5	NNW 3	NE 3	ESE 4	SE 2	ENE 3	ENE 2	E 2	E 2	WSW 2	NNE 4	E 2	E 3	S 3	NE 2	E 3
Weather	clear	cloudy	cloudy	cloudy	fair	cloudy	cloudy	rain	cloudy	fair	fair	rain	fair	clear	clear	cloudy	cloudy

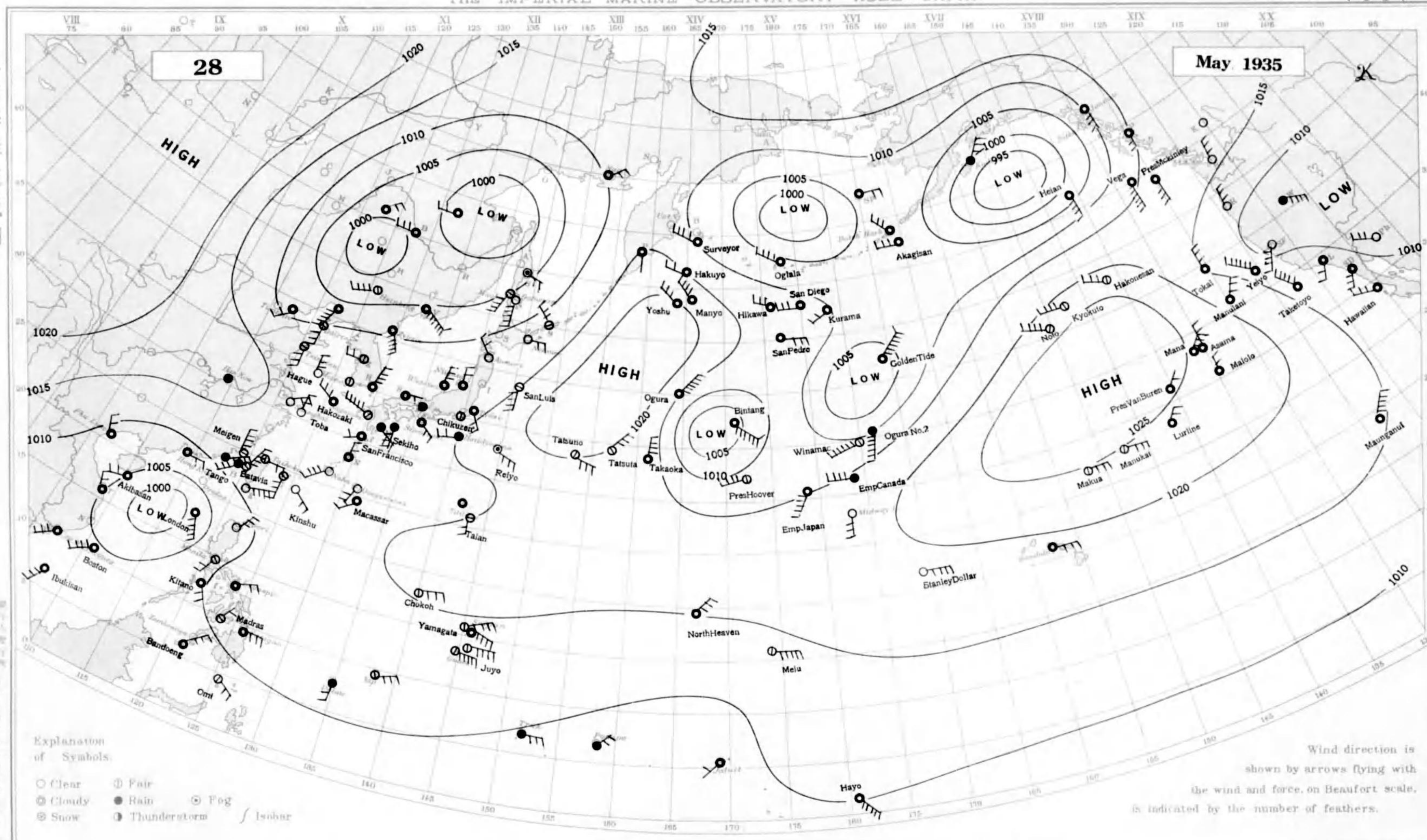
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4531

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 120° 135 E	Naha 122° 135 E	Quevazima 123° 135 E	Nagasaki 129° 135 E	Simiaki 129° 135 E	Kobe 129° 135 E	Tyōsi 129° 135 E	Hatidyōsima 129° 135 E	Titiyima 129° 135 E	Wajima 129° 135 E	Aomori 129° 135 E	Nemuro 129° 135 E	Otonari 129° 135 E	Moppo 129° 135 E	Zyōsin 129° 135 E	Bairen 129° 135 E	Hsinking 129° 135 E
Station	Taihoku	Naha	Quevazima	Nagasaki	Simiaki	Kobe	Tyōsi	Hatidyōsima	Titiyima	Wajima	Aomori	Nemuro	Otonari	Moppo	Zyōsin	Bairen	Hsinking
Hour of Observation	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h	12h
Atm. Pressure (Red to sea level and 32nd or 10th)	10.7	12.7	13.1	10.7	13.1	13.0	13.9	15.0	13.5	13.5	14.1	11.5	07.8	11.7	09.6	11.8	02.3
Air Temperature (in C)	31	27	26	22	22	20	24	20	27	20	20	15	11	23	14	25	27
Direction and Force of Winds (0-12)	E 2	SW 4	SW 2	WNW 5	SE 2	- 1	SSE 2	WSW 2	- 1	NNE 3	NNW 2	E 2	S 5	- 1	SSE 5	S 3	WSW 4
Weather	fair	clear	clear	fair	cloudy	rain	cloudy	rain	cloudy	cloudy	clear	clear	clear	fair	cloudy	fair	fair
Station	Tientsin	Tsingtau	Shanghai	Hankow	Saipan	Palau	Truk	Ponape	Jaluit	Hongkong	Manila	Phi-Lien	Sorikao	Honolulu	Midway I.	Dutch Harbor	Kodiak
Hour of Observation	12h	12h	12h	12h	12h	12h	12h	12h	8h	10h	14h	10h	14h	12h	12h	12h	12h
Atm. Pressure (Red to sea level and 32nd or 10th)	09.2	12.7	14.3	16.4	11.8	10.3	09.9	09.5	10.3	06.7	10.3	08.0	10.9	18.6	19.3	07.1	01.0
Air Temperature (in C)	28	24	23	20	29	27	24	25	28	26	32	24	28	24	28	8	6
Direction and Force of Winds (0-12)	SW 2	S 2	NE 2	- 1	ESE 4	S 2	E 3	NE 2	SE 2	E 2	SW 2	NNW 3	E 3	E 3	S 3	NW 3	NE 3
Weather	cloudy	fair	clear	rain	cloudy	rain	rain	rain	cloudy	cloudy	fair	cloudy	cloudy	fair	clear	cloudy	rain

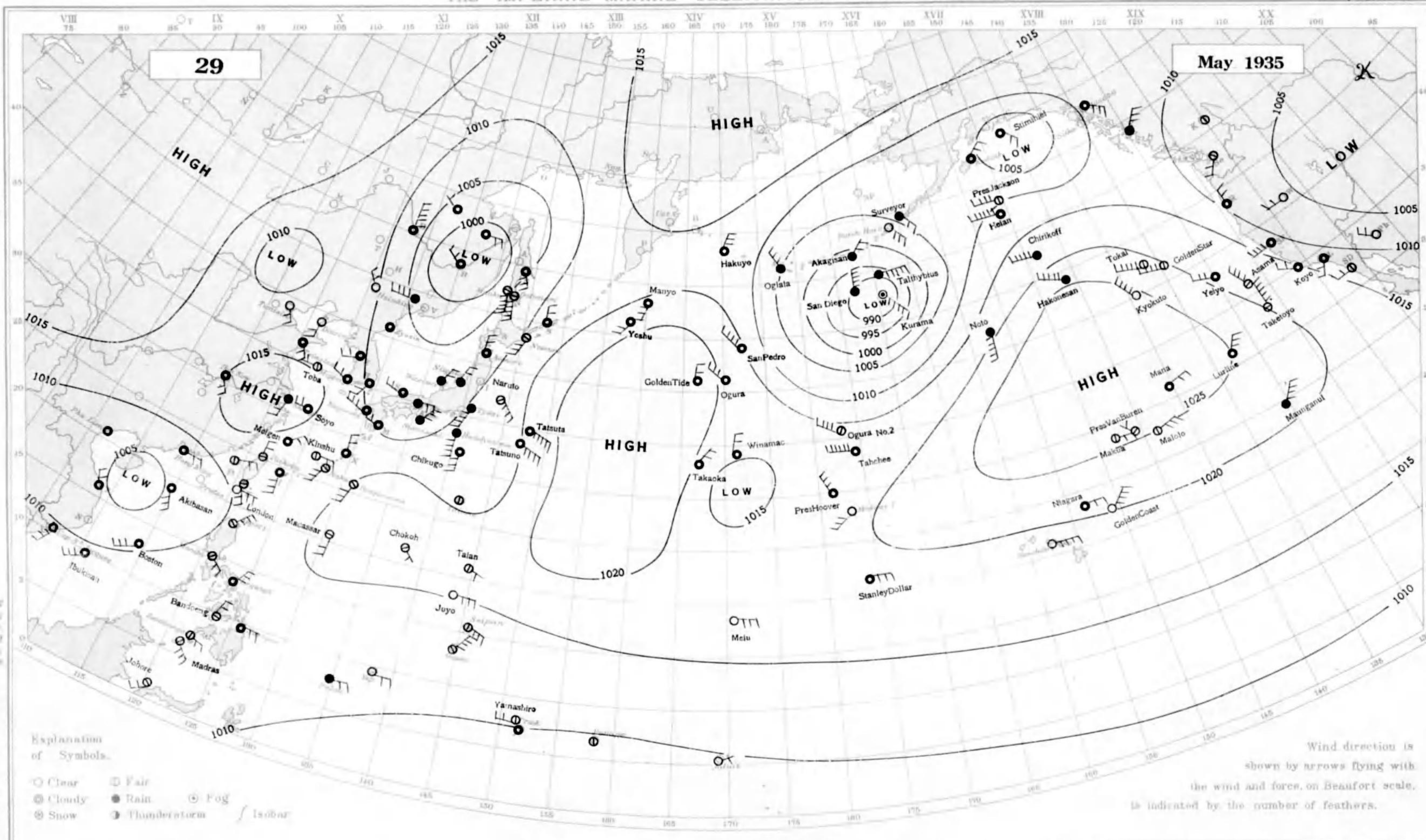
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4532

北太平洋天氣圖



Explanation of Symbols.

- Clear
- ☁ Cloudy
- ⊙ Snow
- ☉ Fair
- ⊙ Rain
- ⊙ Thunderstorm
- ⊙ Fog
- 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	Boaerichim 12° 135 E	Nagasaki 12° 135 E	Siomaaki 12° 135 E	Kobe 19° 135 E	Tyōsi 12° 135 E	Hatidyōsima 12° 135 E	Titiyima 12° 135 E	Wazima 12° 135 E	Aomori 12° 135 E	Nemuro 12° 135 E	Ootomari 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 sea level and 500 m) mb.	13.0	14.1	15.8	11.4	07.9	08.2	11.5	11.4	14.4	08.8	08.8	12.0	06.3	11.8	06.7	10.7	10.9
Air Temperature (in C)	31	27	26	21	22	21	19	20	27	18	18	12	14	21	16	26	21
Direction and Force of Winds (0-12)	N 2	SW 3	SSW 3	WNW 3	NE 3	E 2	SSW 4	S 4	- 1	NE 2	N 2	SSW 3	S 5	WNW 2	- 1	S 2	NNW 2
Weather	fair	fair	fair	cloudy	rain	rain	rain	rain	fair	rain	cloudy	fair	fair	cloudy	cloudy	clear	clear
Station	Tientsin 12° 135 E	Tsingtau 12° 135 E	Shanghai 12° 135 E	Hankow 12° 135 E	Saipan 12° 135 E	Paisu 12° 135 E	Truk 12° 135 E	Ponape 12° 135 E	Jaluit 8h	Hongkong 10h	Manila 14h	Pbu Lan 10h	Surigao 14h	Honolulu 14h	Midway I. 14h	Dutch Harbor 14h	Kodiak 14h
Hour of Observation																	
Atm. Pressure (Red to sea level and 500 m) mb.	10.4	11.7	15.4	15.3	13.0	11.9	10.0	09.9	11.9	08.4	11.8	09.5	11.5	17.9	19.3	05.1	07.8
Air Temperature (in C)	28	24	18	20	30	27	29	29	28	26	34	26	31	26	27	10	9
Direction and Force of Winds (0-12)	SSW 2	SSE 2	SSW 2	SSE 2	ESE 3	ENE 2	- 1	- 1	ENE 3	E 2	SE 2	calm	E 2	E 4	SW 3	SE 3	NE 2
Weather	clear	cloudy	rain	cloudy	fair	rain	cloudy	fair	fair	cloudy	fair	cloudy	cloudy	clear	clear	clear	cloudy

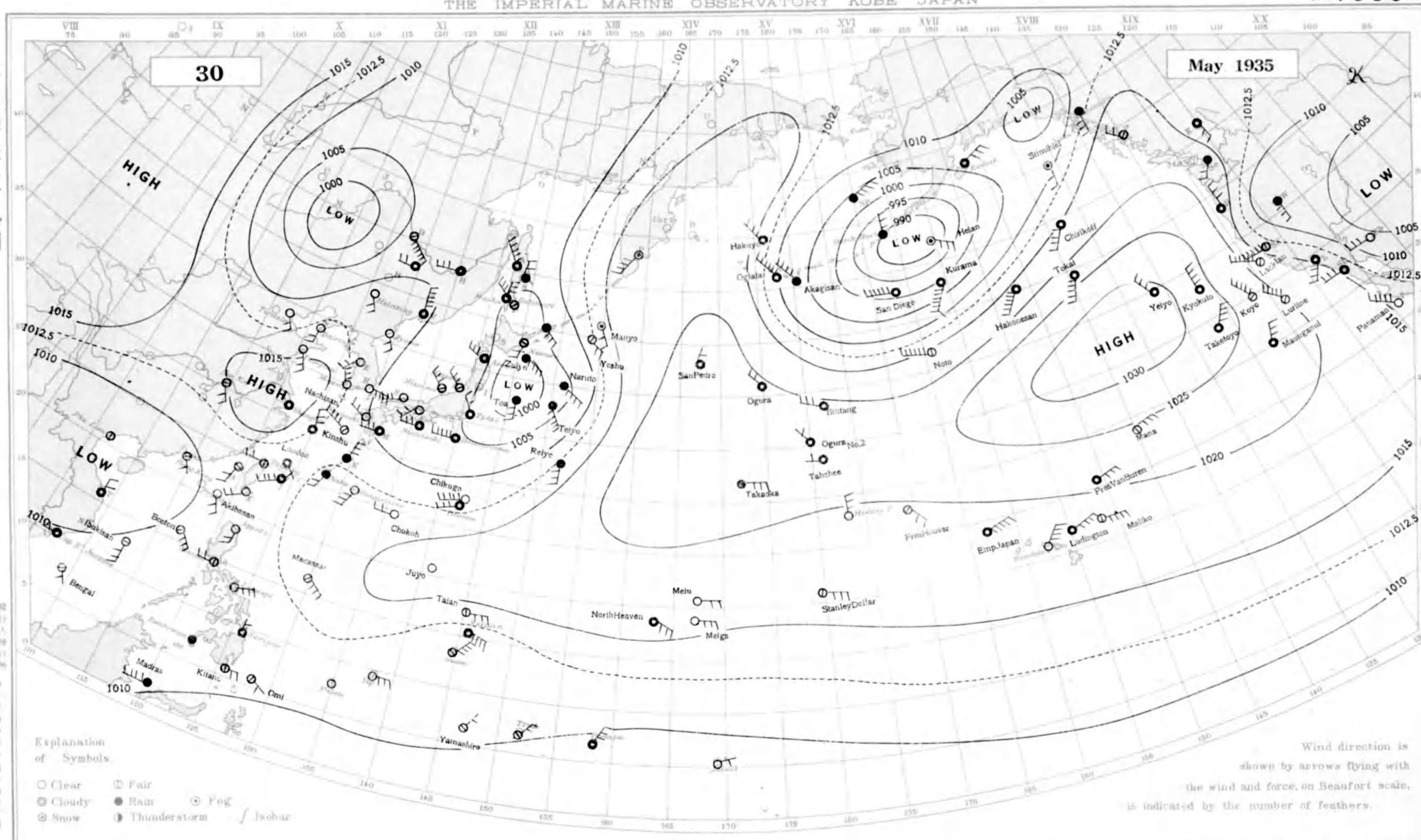
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 4 5 3 3

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	Taihoku	Naha	Oosagizima	Nagasaki	Siomiesaki	Kobe	Tyōsū	Hatidyōsima	Tōjima	Wakana	Amori	Nemuro	Otomori	Moppo	Zyōsū	Dairen	Hsinking
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 , 133 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 30.1 and 594.0 or mb)	11.5	12.7	13.0	11.4	06.7	06.4	04.2	06.6	11.9	08.8	05.5	02.3	03.3	12.6	12.7	13.9	11.4
Air Temperature (in C)	33	25	26	23	23	23	19	22	26	20	15	15	13	23	18	26	25
Direction and Force of Winds (0-12)	W 2	SW 2	SW 3	WNW 2	W 3	SW 3	NNW 2	W 5	WSW 3	NW 3	WNW 3	SSW 2	NW 5	NNW 3	SSE 2	S 2	SSE 2
Weather	fair	rain	clear	clear	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	fair	cloudy	fair	fair	clear	clear	clear
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	10 ^h	10 ^h	14 ^h	10 ^h	14 ^h	14 ^h	14 ^h	14 ^h	14 ^h
Atm. Pressure (Red to 30.1 and 594.0 or mb)	11.7	14.0	15.4	15.0	12.4	11.4	10.6	09.1	11.8	09.5	12.0	09.0	11.4	17.3	19.3	93.5	08.4
Air Temperature (in C)	32	23	23	24	30	29	30	30	28	26	32	29	31	27	27	7	8
Direction and Force of Winds (0-12)	SSE 2	SSE 3	1	SSE 2	ESE 4	1	NE 2	NNE 2	ENE 2	SE 1	W 2	calm	N 1	NE 4	N 3	N 3	NE 3
Weather	clear	clear	cloudy	fair	cloudy	clear	fair	cloudy	fair	fair	fair	fair	cloudy	clear	clear	rain	cloudy

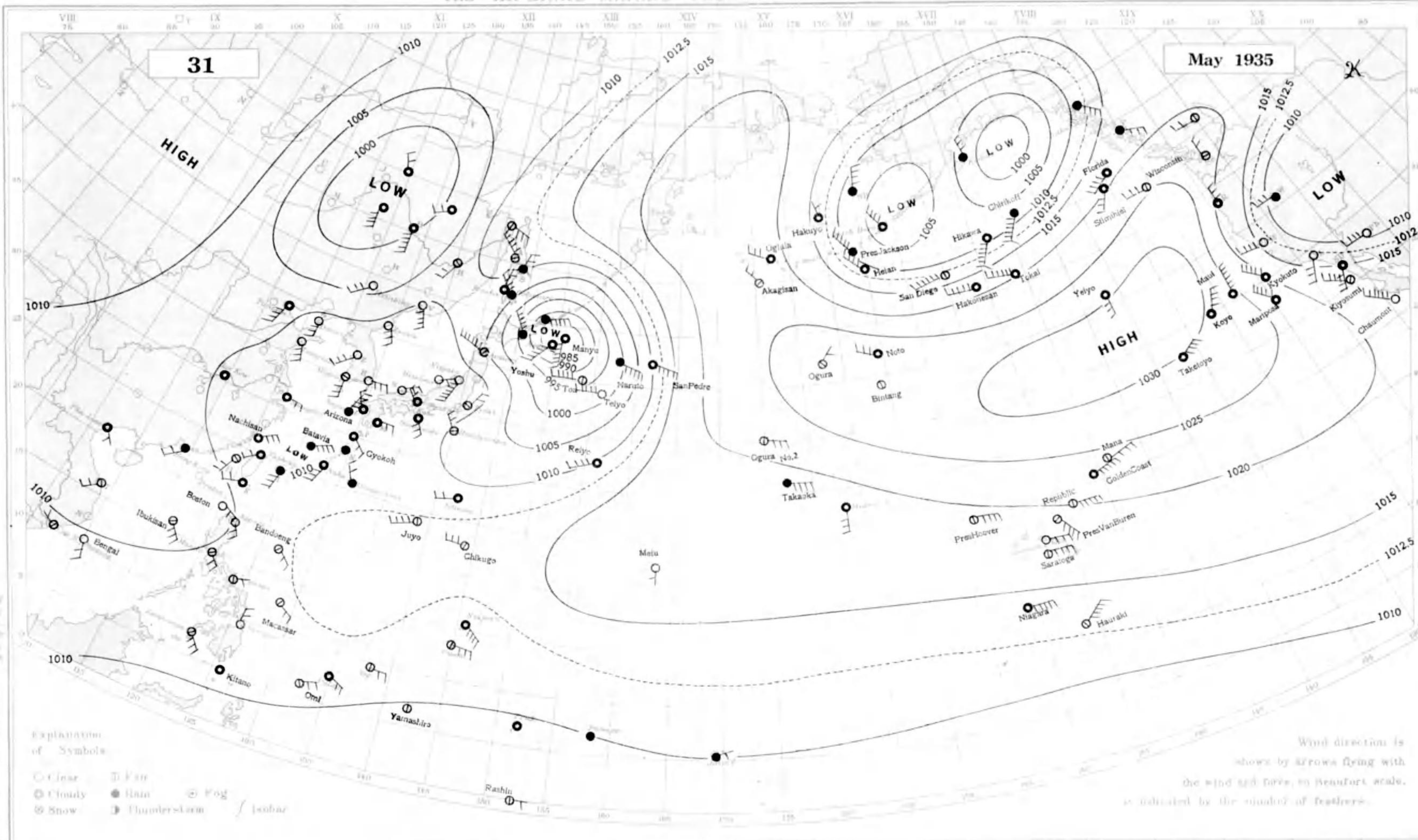
北太平洋天氣圖

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

№4534

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, in Beaufort scale. is indicated by the number of feathers.

Station	Yokohama 125° 19.5' E	Naha 125° 19.5' E	Osarayama 125° 13.5' E	Nagasaki 125° 13.5' E	Simsaki 125° 19.5' E	Kobe 125° 10.5' E	Lyons 125° 13.5' E	Osakayama 125° 19.5' E	Tokushima 125° 19.5' E	Wama 125° 13.5' E	Aomori 125° 13.5' E	Saomori 125° 19.5' E	Botomari 125° 13.5' E	Mojo 125° 19.5' E	Zyosin 125° 19.5' E	Dairen 125° 13.5' E	Hankow 125° 13.5' E
Station Hour of Observation																	
Atm. Pressure (Red in inch and 102 in mb)	10.3	10.1	12.3	12.6	10.3	12.6	11.3	09.1	11.1	14.9	07.8	04.9	05.6	13.7	10.9	11.4	03.0
Air Temperature (in C)	28	26	23	24	24	23	20	24	26	20	16	7	7	24	15	26	30
Direction and Force of Winds (0-12)	SW 2	SSW 4	NNW 2	NNW 2	SSE 3	NW 2	NE 2	NNW 2	WSW 2	ENE 2	WNW 6	NNW 6	NNW 5	S 3	SSE 3	S 3	SW 3
Weather	cloudy	cloudy	rain	cloudy	cloudy	cloudy	fair	fair	cloudy	clear	fair	rain	rain	fair	clear	clear	clear
Station Hour of Observation																	
Atm. Pressure (Red in inch and 102 in mb)	06.9	13.0	12.7	11.9	12.2	11.3	09.6	10.3	12.7	08.3	10.4	07.1	11.8	16.6	18.6	03.7	00.3
Air Temperature (in C)	33	21	25	26	29	30	28	27	25	26	33	28	31	28	28	7	6
Direction and Force of Winds (0-12)	SSW 4	SSE 3	E 2	- 1	SE 4	ESE 2	- 1	- 1	ENE 2	SW 2	SE 2	SE 1	N 2	E 3	S 3	NW 4	N 3
Weather	cloudy	clear	cloudy	cloudy	cloudy	cloudy	cloudy	rain	rain	rain	fair	cloudy	clear	clear	cloudy	cloudy	rain

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

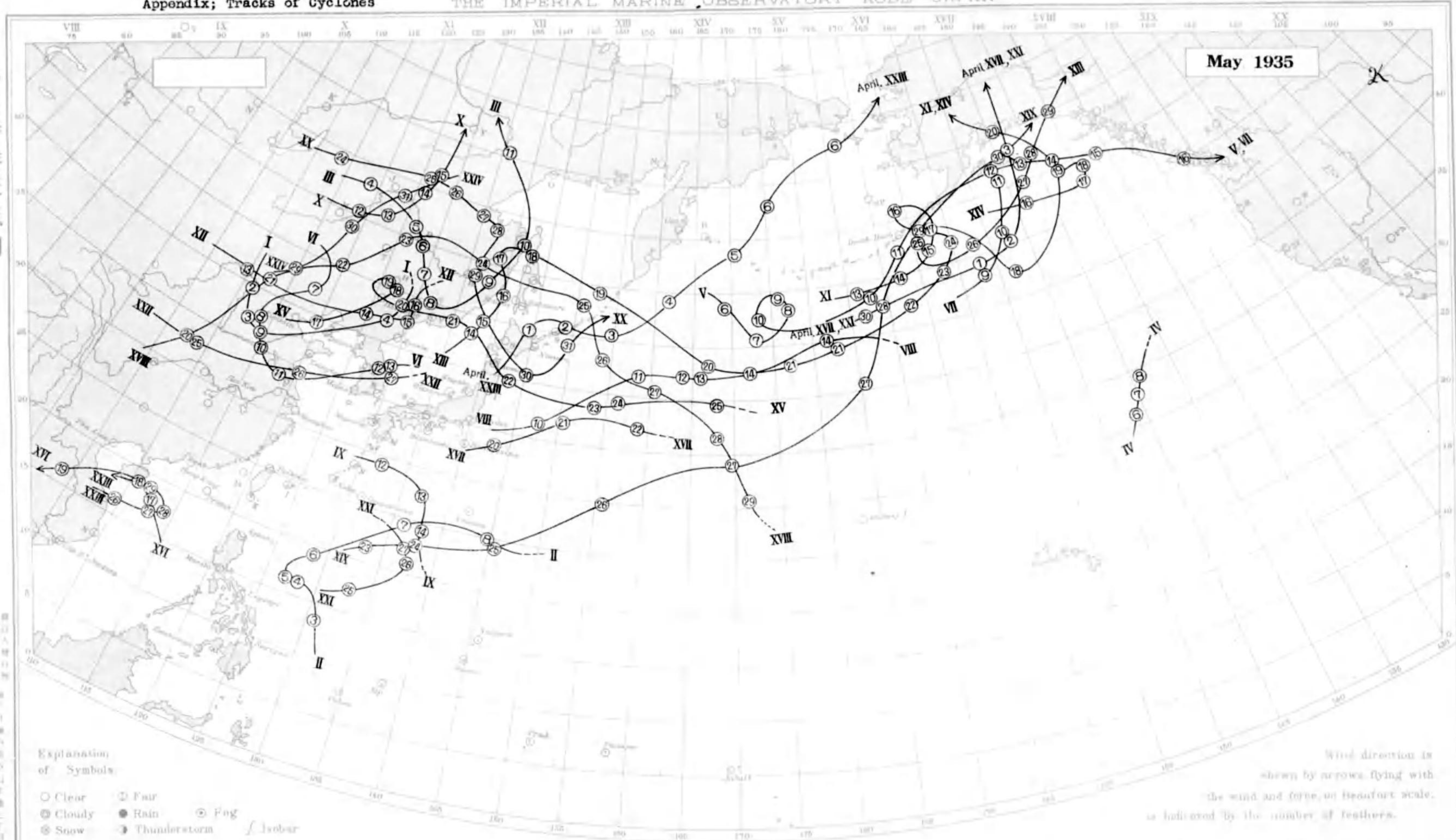
(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 2

Appendix; Tracks of Cyclones

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	Osagarizima	Nagasaki	Somiwaki	Kobe	Tyōsu	Hatryōsima	Titiyama	Wajima	Aomori	Nemuro	Hokkaido	Moppe	Zyūsan	Beirei	Hsinking
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 (Std. to sea level and 3rd 0r) mb																	
Air Temperature (in C)																	
Direction and Force of Winds (0-12)																	
Weather																	
Station	Tientsin	Tsingtau	Shanghai	Hankow	Saipan	Palau	Truk	Ponape	Jalgh	Hongkong	Manila	Phi-Lien	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	12 ^h , 135 E
Atm. Pressure (Std. to sea level and 3rd 0r) mb																	
Air Temperature (in C)																	
Direction and Force of Winds (0-12)																	
Weather																	

附錄 低氣壓經路

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