

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

北太平洋天氣圖

昭和十年四月

神戶

海洋氣象臺

DAILY WEATHER CHARTS

OF THE

NORTH PACIFIC OCEAN.

APRIL

1935



THE IMPERIAL MARINE OBSERVATORY,

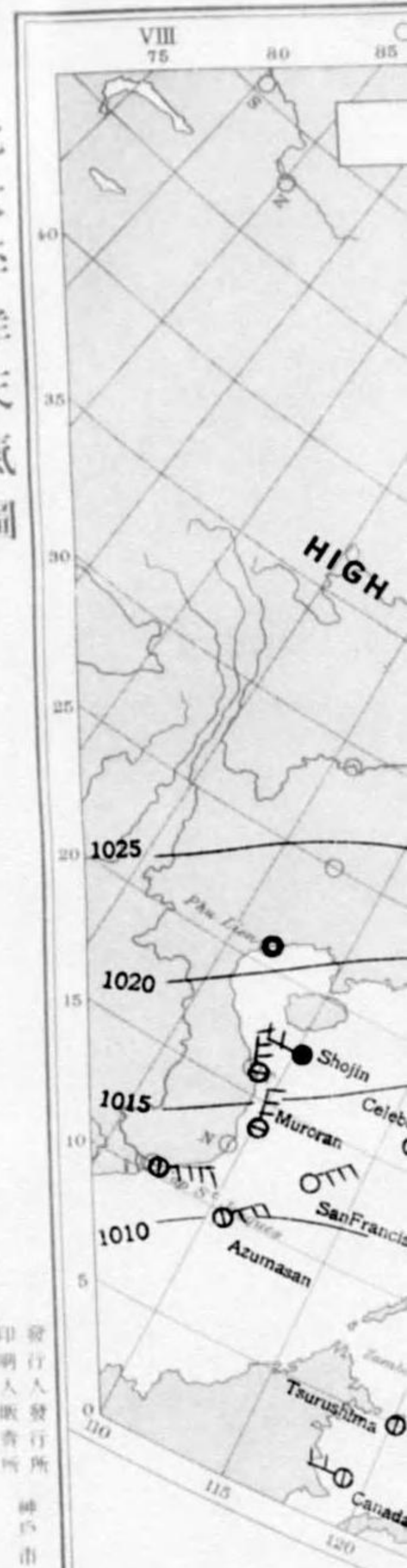
KOBE, JAPAN.

寄贈
11.1.31
帝國海軍省

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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
- ◐ Cloudy
- ⊖ Snow
- ⊕ Fair
- Rain
- ⊙ Thund

Station Hour of Observati

Atm. Pressure (Red to m
Air Temperature (i
Direction and Force
Weather

Station Hour of Obser va

Atm. Pressure (Red to
Air Temperature
Direction and Force
Weather

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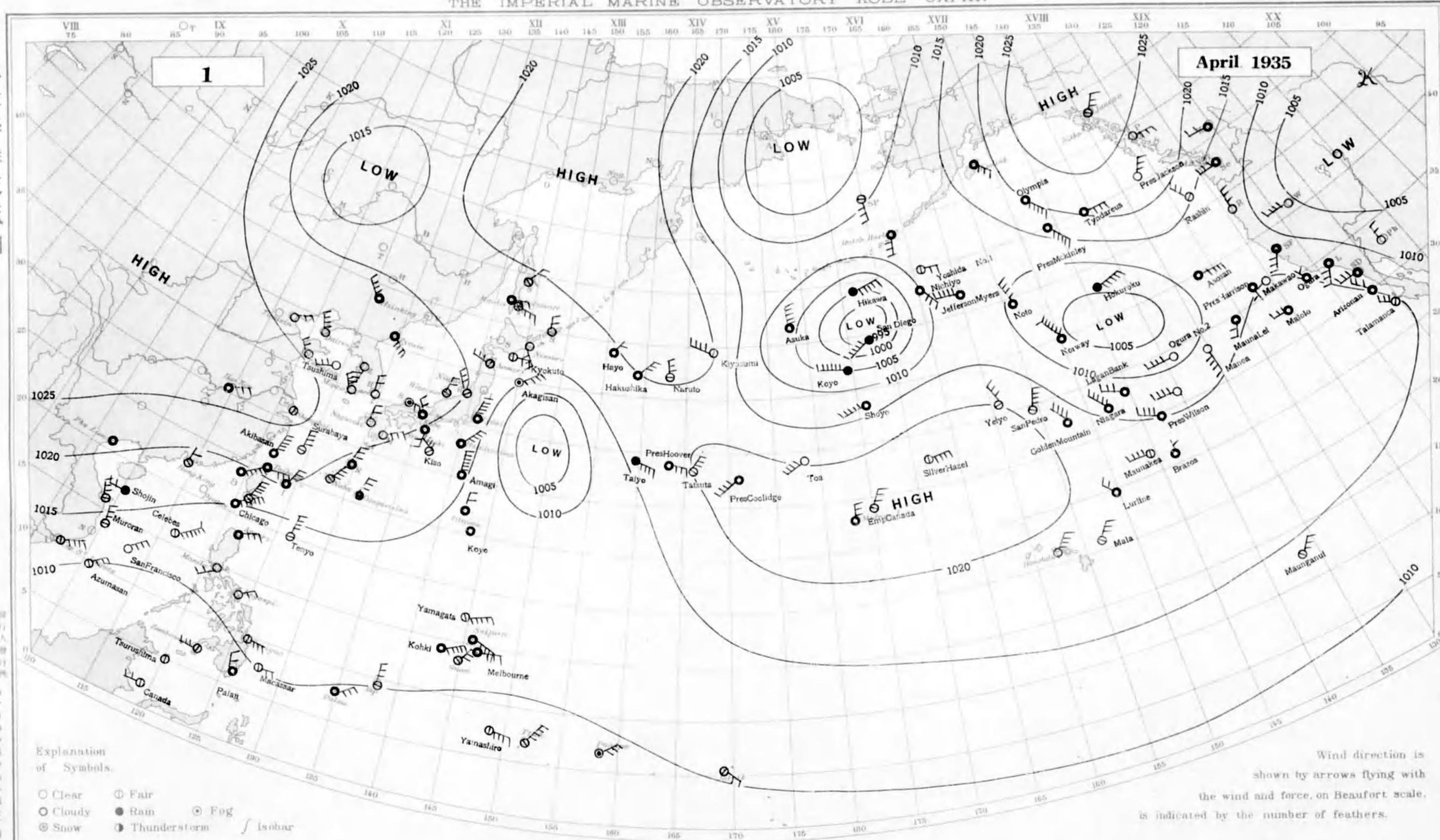
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4 4 7 4

北太平洋天氣圖



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

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

Station	Taihoku 12°N, 135°E	Naha 12°N, 135°E	Onagurizima 12°N, 135°E	Nagasaki 12°N, 135°E	Simusaki 12°N, 135°E	Kobe 12°N, 135°E	Tyōsi 12°N, 135°E	Hatidyōsima 12°N, 135°E	Tōzima 12°N, 135°E	Wajima 12°N, 135°E	Aomori 12°N, 135°E	Nemuro 12°N, 135°E	Ootomari 12°N, 135°E	Mopu 12°N, 135°E	Zyōsin 12°N, 135°E	Dairen 12°N, 135°E	Hsinking 12°N, 135°E
Station	Taihoku	Naha	Onagurizima	Nagasaki	Simusaki	Kobe	Tyōsi	Hatidyōsima	Tōzima	Wajima	Aomori	Nemuro	Ootomari	Mopu	Zyōsin	Dairen	Hsinking
Hour of Observation																	
Atm. Pressure (Red to 100.1 and 32nd 0r) mb.	22.9	19.1	17.2	21.7	18.1	20.6	18.3	16.8	14.7	21.7	19.1	18.4	15.5	23.8	21.1	21.9	22.6
Air Temperature (in C)	15	20	17	14	11	10	8	12	20	9	6	3	-1	12	5	11	7
Direction and Force of Winds (0-12)	E 3	NE 4	NNE 3	N 2	S 2	NNW 2	NNE 5	NE 4	N 2	NNE 2	WNW 3	SSE 3	ESE 3	NNW 3	SE 4	NNW 4	NW 2
Weather	cloudy	fair	rain	clear	cloudy	cloudy	cloudy	cloudy	cloudy	fair	fair	clear	snow	clear	cloudy	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																	
Atm. Pressure (Red to 100.1 and 32nd 0r) mb.	24.3	23.9	27.3	26.6	10.6	09.9	09.2	09.5	12.2	18.6	12.7	21.5	12.0	15.9	22.7	11.8	18.6
Air Temperature (in C)	17	16	15	15	27	31	29	29	28	14	32	16	29	21	-	7	4
Direction and Force of Winds (0-12)	ENE 2	NW 2	- 1	ENE 2	ESE 4	NE 3	NE 4	ENE 3	SE 2	N 1	SW 2	calm	E 2	NE 4	N 3	S 3	SE 3
Weather	clear	clear	fair	cloudy	cloudy	cloudy	fair	cloudy	fair	fair	clear	cloudy	fair	clear	clear	cloudy	cloudy

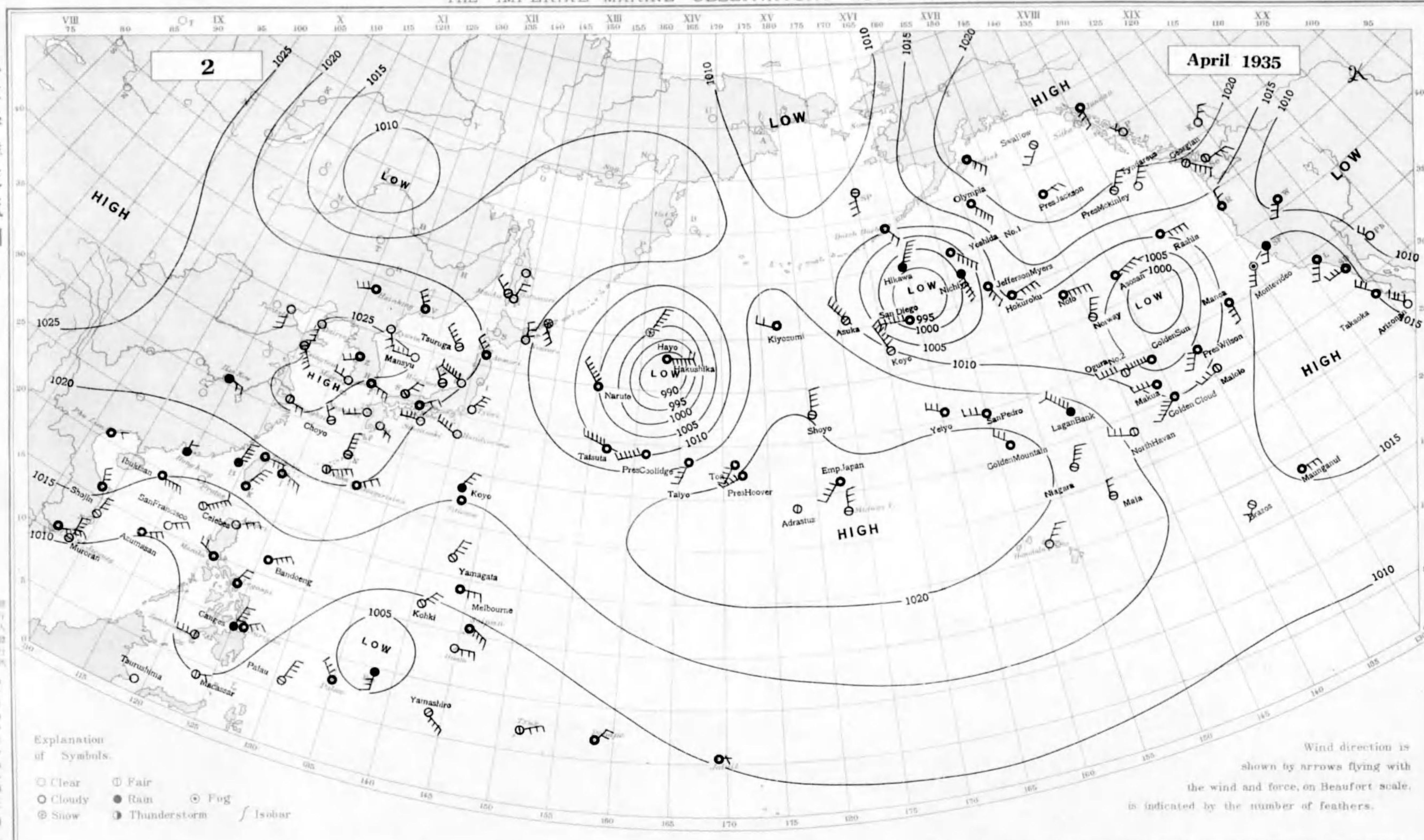
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DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No. 4475

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	Omaruzimu 12° 135 E	Nagasaki 12° 135 E	Simonsaki 12° 135 E	Kobe 12° 135 E	Tyōsū 12° 135 E	Hatidyōsima 12° 135 E	Tōzūm 12° 135 E	Wazū 12° 135 E	Aomori 12° 135 E	Nemuro 12° 135 E	Otomari 12° 135 E	Moppo 12° 135 E	Zyōsan 12° 135 E	Dairen 12° 135 E	Hsinking 12° 135 E
Station	Taihoku	Naha	Omaruzimu	Nagasaki	Simonsaki	Kobe	Tyōsū	Hatidyōsima	Tōzūm	Wazū	Aomori	Nemuro	Otomari	Moppo	Zyōsan	Dairen	Hsinking
Hour of Observation	12h	12h	12h	12h	12h	12h	7h	12h	12h	10h	14h	11h	14h	14h	14h	14h	14h
Atm. Pressure (Red to m.s.l. and Std Gr.) mb.	19.9	21.1	20.0	23.3	19.9	22.3	18.1	18.7	14.9	24.0	18.1	15.1	17.3	25.3	22.7	25.2	20.2
Air Temperature (in C)	18	20	19	15	14	12	9	15	20	7	3	1	-2	11	7	14	12
Direction and Force of Winds (0-12)	E 3	ENE 5	NE 3	WSW 3	W 4	NE 2	NE 3	WNW 4	- 1	NNW 2	NNW 2	N 3	NNE 2	WNW 2	SSE 2	S 3	WSW 3
Weather	cloudy	fair	cloudy	clear	clear	cloudy	clear	clear	cloudy	fair	cloudy	clear	clear	clear	clear	clear	cloudy
Station	Tientsin	Tsingtau	Shanghai	Hankow	Saipan	Palau	Truk	Pompe	Jaluit	Hongkong	Manila	Phi-Lien	Surigao	Honolulu	Midway I.	Dutch Harbor	Kodiak
Hour of Observation	12h	12h	12h	12h	12h	12h	7h	12h	8h	10h	14h	11h	14h	14h	14h	14h	14h
Atm. Pressure (Red to m.s.l. and Std Gr.) mb.	22.7	24.6	25.1	21.3	09.7	07.3	07.9	08.0	11.5	18.1	12.4	17.9	10.7	15.2	21.3	10.5	20.6
Air Temperature (in C)	16	12	16	13	28	29	28	30	27	14	31	18	30	21	-	3	4
Direction and Force of Winds (0-12)	S 3	SE 4	E 2	E 2	SE 4	NW 3	ENE 3	NE 2	E 1	N 1	WNW 2	ENE 1	NE 3	NE 3	N 3	SE 2	SE 3
Weather	clear	fair	fair	rain	cloudy	cloudy	fair	cloudy	cloudy	rain	cloudy	cloudy	cloudy	clear	fair	cloudy	cloudy

北太平洋天氣圖

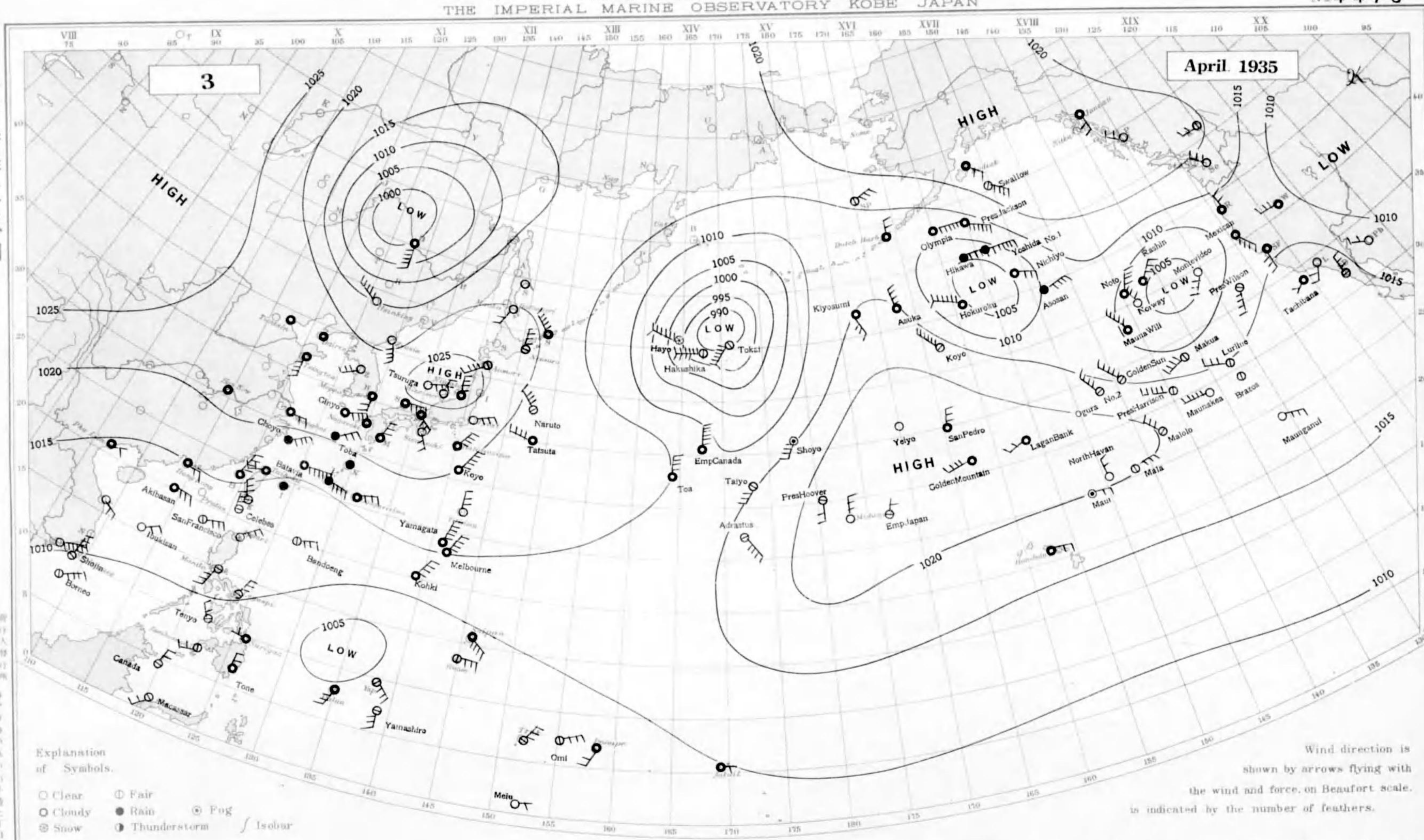
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 4476

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.

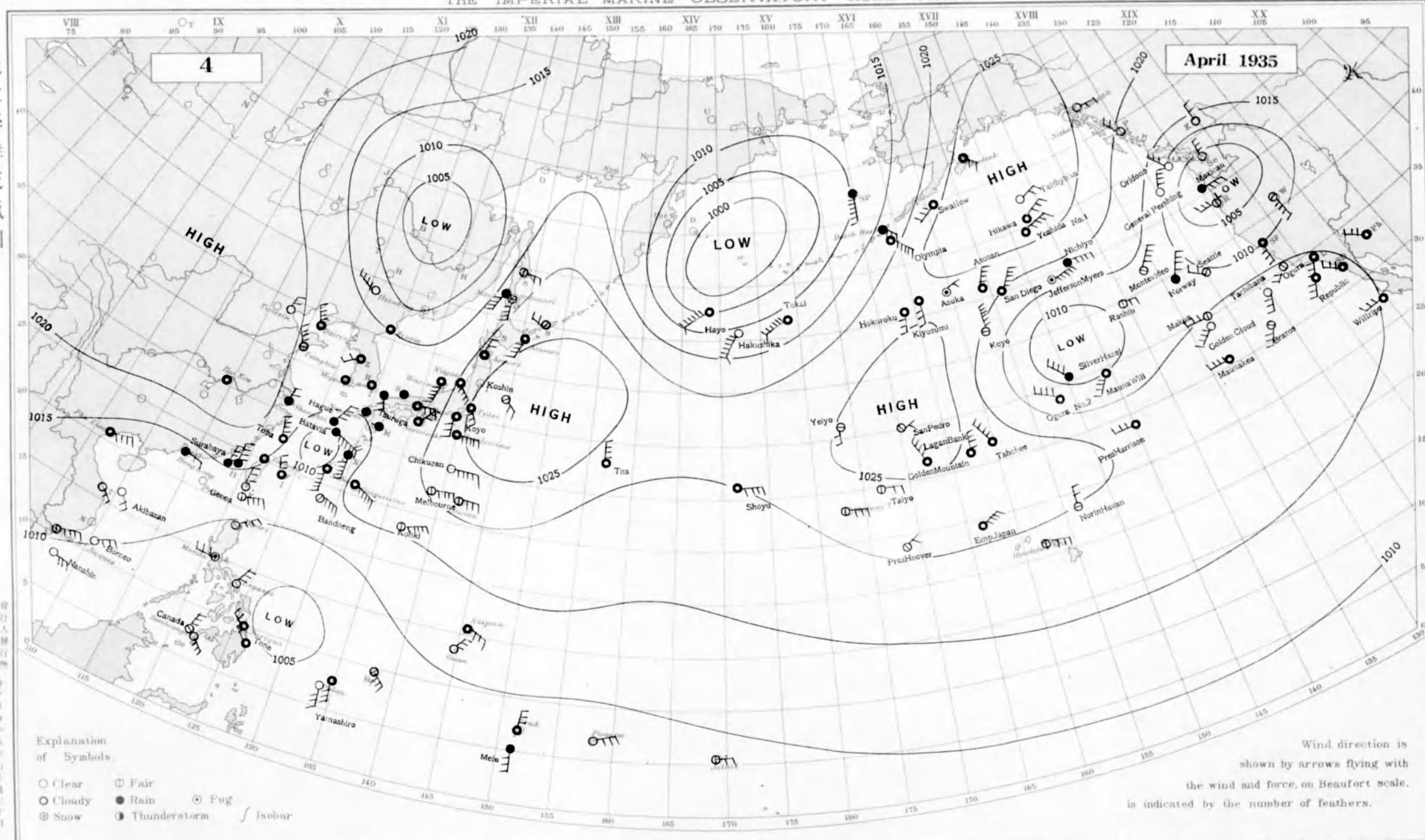
Station	Taihoku 12 ^h , 135 E	Naha 12 ^h , 135 E	Ouarizima 12 ^h , 135 E	Nagasaki 12 ^h , 135 E	Simsuki 12 ^h , 135 E	Kobe 12 ^h , 135 E	Cyosin 12 ^h , 135 E	Hatidyosima 12 ^h , 135 E	Tiuzima 12 ^h , 135 E	Wajima 12 ^h , 135 E	Aomori 12 ^h , 135 E	Nemuro 12 ^h , 135 E	Otomari 12 ^h , 135 E	Moppo 12 ^h , 135 E	Zyosin 12 ^h , 135 E	Dairen 12 ^h , 135 E	Hsinking 12 ^h , 135 E
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 7 ^h	Ponape 12 ^h , 135 E	Jaluit 8 ^h	Hongkong 10 ^h	Manila 14 ^h	Phi-Lien 10 ^h	Surigno 14 ^h	Honolulu 20 ^h , 155 E	Midway I. 20 ^h , 155 E	Dutch Harbor 20 ^h , 155 E	Kodiak 20 ^h , 155 E
Hour of Observation																	
Atm. Pressure (Red to m.s.l. and Std. to mb.)	16.5	16.2	18.3	22.4	22.7	24.0	23.9	22.0	18.4	26.7	24.4	20.4	20.0	23.4	17.6	21.0	17.5
Air Temperature (in C)	19	18	18	15	13	11	8	11	19	8	5	0	-1	13	9	13	8
Direction and Force of Winds (0-12)	WSW 2	ESE 4	ENE 3	- 1	SSE 2	SE 3	ENE 3	NE 4	N 3	NNE 2	SW 4	N 4	SW 2	S 2	SSE 4	- 1	WNW 5
Weather	cloudy	rain	cloudy	cloudy	clear	cloudy	clear	cloudy	clear	clear	fair	clear	clear	cloudy	clear	cloudy	clear
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 7 ^h	Ponape 12 ^h , 135 E	Jaluit 8 ^h	Hongkong 10 ^h	Manila 14 ^h	Phi-Lien 10 ^h	Surigno 14 ^h	Honolulu 20 ^h , 155 E	Midway I. 20 ^h , 155 E	Dutch Harbor 20 ^h , 155 E	Kodiak 20 ^h , 155 E
Hour of Observation																	
Atm. Pressure (Red to m.s.l. and Std. to mb.)	21.0	23.0	23.3	21.5	09.9	06.3	07.9	07.9	11.9	13.7	10.7	14.6	09.7	15.9	21.3	14.5	24.7
Air Temperature (in C)	16	12	9	12	27	28	29	29	26	17	32	20	28	22	-	4	7
Direction and Force of Winds (0-12)	- 1	S 3	E 2	- 1	SE 4	SW 3	NE 3	SSW 2	E 1	E 2	SSW 3	ENE 1	W 1	E 2	N 3	N 2	SE 2
Weather	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	fair	cloudy	cloudy	cloudy	fair	cloudy	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 4477

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	Naha	Osawarizima	Nagasaki	Siomaki	Kobe	Tyōsi	Hatidyōsuma	Tiizima	Wajima	Aomori	Nemuro	Dotomari	Moppo	Zyōsin	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 , 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. Or.) mb.	15.8	12.4	15.4	15.8	19.8	19.4	26.6	23.9	20.3	19.1	21.3	24.3	18.6	17.7	15.3	18.9	14.3
Air Temperature (in C)	18	23	22	10	14	13	12	14	20	15	8	5	0	12	9	11	5
Direction and Force of Winds (0-12)	- 1	S 5	ESE 4	NE 2	NE 4	E 3	SSE 3	E 5	E 3	SSW 5	NNE 2	SSW 4	S 4	- 1	- 1	NNW 4	WNW 4
Weather	cloudy	cloudy	cloudy	rain	cloudy	cloudy	cloudy	cloudy	fair	cloudy	cloudy	cloudy	snow	cloudy	cloudy	cloudy	clear
Station	Tientsin	Tsingtau	Shanghai	Hankow	Saipoo	Palou	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	7 ^h	12 ^h , 135 E	0 ^h	10 ^h	14 ^h	10 ^h	14 ^h	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. Or.) mb.	20.6	18.0	19.7	20.6	10.7	07.5	08.7	08.4	11.7	12.7	09.7	13.5	08.6	17.3	21.3	15.2	25.4
Air Temperature (in C)	15	14	11	17	28	29	29	30	28	17	32	19	28	22	-	6	7
Direction and Force of Winds (0-12)	NNE 2	NNW 4	NNE 2	- 1	ESE 3	S 3	N 3	ENE 3	ENE 2	E 2	W 3	ENE 4	NW 2	E 3	E 3	SE 3	SE 2
Weather	clear	fair	rain	cloudy	cloudy	cloudy	cloudy	clear	fair	rain	cloudy	cloudy	cloudy	fair	fair	rain	cloudy

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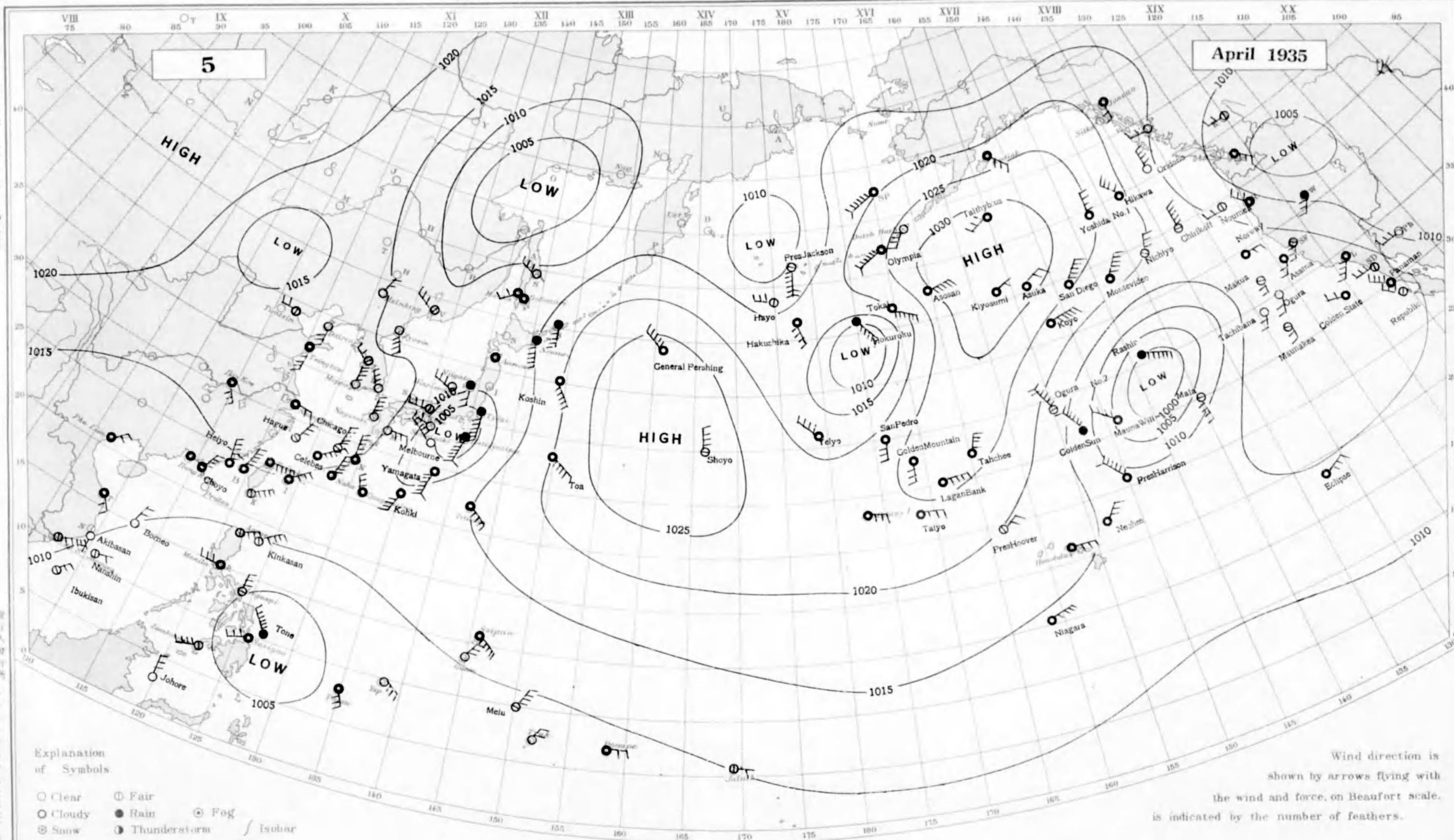
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 4478

北太平洋天氣圖



Explanation of Symbols

- Clear
- Cloudy
- ⊙ Rain
- ⊙ Snow
- ⊙ Fair
- ⊙ Fog
- ⊙ Thunderstorm
- Isotherm

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

Station	Taihoku	Naha	Oosaparizima	Nagasaki	Simisaki	Kobe	Tyōsi	Haidyōsima	Taijima	Wajima	Aomori	Nemuro	Otomari	Moppe	Zyōsin	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 , 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 Stud Gr.) mb.	15.8	14.7	13.9	15.8	06.1	11.7	06.1	01.5	15.0	11.8	10.0	14.4	11.5	19.0	15.6	18.3	17.2
Air Temperature (in C)	21	21	22	15	19	16	13	17	22	11	9	3	2	14	9	14	7
Direction and Force of Winds (0-12)	E 5	NNE 5	NNW 3	N 4	WNW 2	W 3	S 6	SSW 7	SE 4	WNW 3	- 1	S 5	- 1	N 4	SSE 4	S 3	NNE 2
Weather	cloudy	cloudy	cloudy	clear	clear	fair	rain	rain	cloudy	clear	cloudy	rain	cloudy	clear	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	7 ^h	12 ^h , 135 E	8 ^h	10 ^h	14 ^h	10 ^h	14 ^h	9 ^h , M.T.	8 ^h , M.T.	8 ^h , M.T.	8 ^h , M.T.
Atm. Pressure (Red to m.s.l. and Stud Gr.) mb.	18.1	19.8	20.2	17.1	10.6	07.1	08.6	08.7	11.4	13.0	09.1	11.3	05.9	15.9	20.0	26.7	20.0
Air Temperature (in C)	18	13	14	16	28	29	29	29	29	18	31	19	29	21	-	8	6
Direction and Force of Winds (0-12)	W 2	S 4	E 2	SE 3	SE 5	SSE 3	NE 2	E 2	E 1	E 2	W 3	NE 2	WSW 3	E 3	E 3	SW 4	SE 2
Weather	fair	cloudy	cloudy	cloudy	cloudy	cloudy	clear	cloudy	fair	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	clear	cloudy

洋氣象

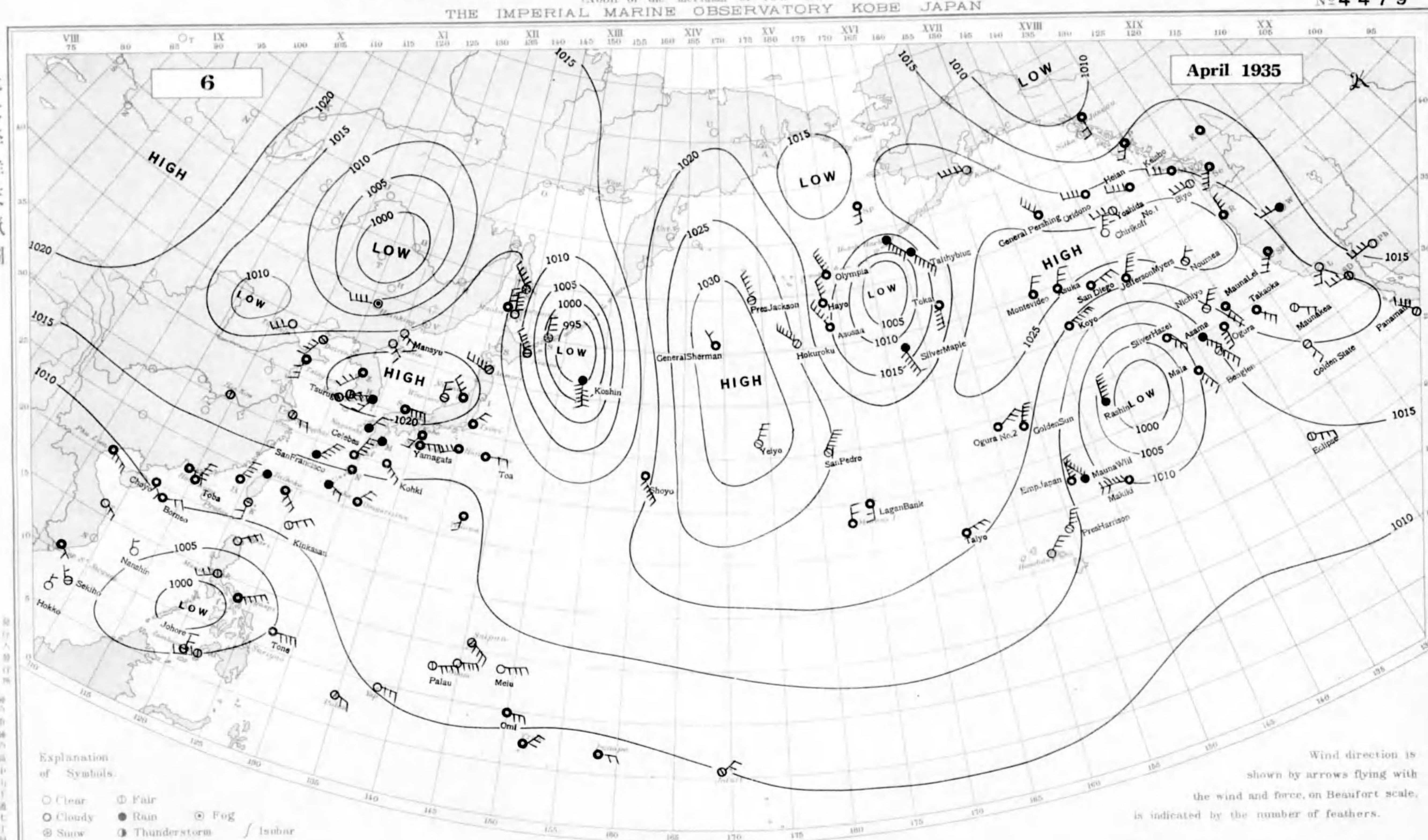
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4479

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	Onosanzima 12° 135° E	Nagasaki 12° 135° E	Niunaki 12° 135° E	Kobe 12° 135° E	Tyōsi 12° 135° E	Hatoyama 12° 135° E	Taiyū 12° 135° E	Wajima 12° 135° E	Aomori 12° 135° E	Nemuro 12° 135° E	Otomari 12° 135° E	Moppo 12° 135° E	Zyōsin 12° 135° E	Dairen 12° 135° E	Hsinking 12° 135° E
Hour of Observation																	
Atm. Pressure (Red to sea and Blue to land)	14.4	13.7	14.6	18.7	17.6	20.4	17.7	16.3	14.3	21.7	17.1	03.3	12.7	20.2	19.3	16.4	09.0
Air Temperature (in C)	19	20	21	9	13	11	10	17	26	10	8	3	4	14	8	13	14
Direction and Force of Winds (0-12)	- 1	ESE 2	NE 2	NE 2	SW 2	- 1	NE 2	WSW 2	S 2	N 2	WNW 5	NNW 5	N 6	ENE 2	SE 2	SSW 5	WSW 4
Weather	rain	rain	cloudy	rain	cloudy	cloudy	cloudy	cloudy	cloudy	fair	fair	fair	clear	fair	clear	fair	fog
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 7°	Ponape 12° 135° E	Jaluit 8°	Hongkong 10°	Manila 14°	Phu-Lien 10°	Surigao 14°	Honolulu 19°	Midway I. 19°	Dutch Harbor 22°	Kodiak 23°
Hour of Observation																	
Atm. Pressure (Red to sea and Blue to land)	12.6	18.7	18.9	17.6	10.7	08.3	08.7	08.2	10.0	10.9	07.7	08.3	06.3	15.9	20.0	13.9	23.3
Air Temperature (in C)	20	13	13	18	29	30	28	30	28	18	31	23	30	20	-	2	10
Direction and Force of Winds (0-12)	SW 3	S 3	E 2	- 1	SE 4	ESE 2	NE 3	E 2	NE 2	E 2	SW 3	ESE 4	N 1	NE 3	N 2	SE 6	W 5
Weather	clear	cloudy	fair	fair	fair	fair	cloudy	cloudy	fair	cloudy	fair	cloudy	cloudy	clear	cloudy	rain	clear

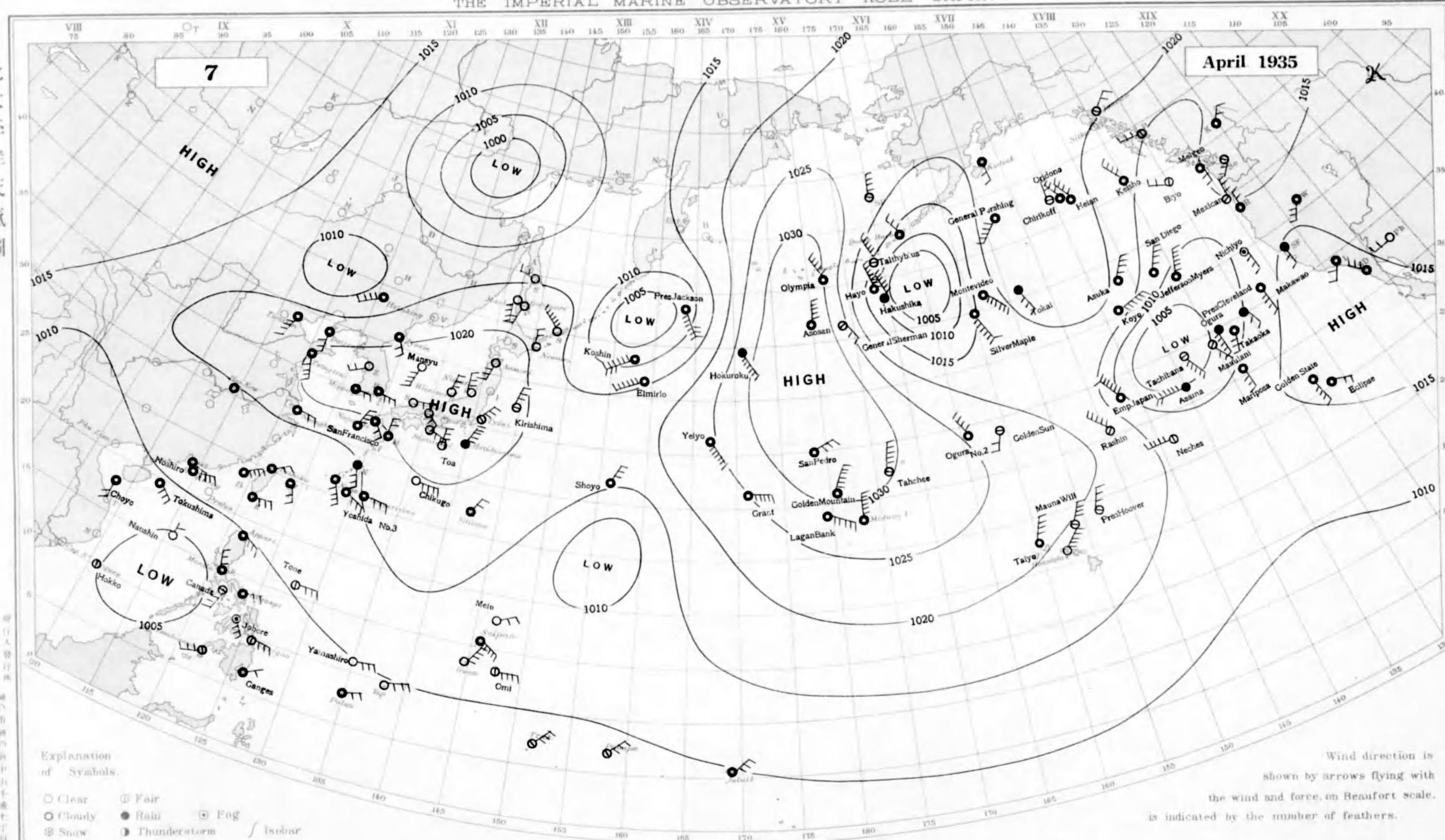
洋 華 行 大 學 行 刊 佈 海 軍 部 海 軍 省 中 山 大 學 七 十 日 海 軍 部 航 空 部

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No 4480

北太平洋天氣圖



Explanation of Symbols.

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

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

Station	Tokoku 12 ^h , 135 E	Naha 12 ^h , 135 E	Osanzuzun 12 ^h , 135 E	Nagasaki 12 ^h , 135 E	Shimonaki 12 ^h , 135 E	Kobe 12 ^h , 135 E	Tyosai 12 ^h , 135 E	Hatsuyosima 12 ^h , 135 E	Taiyuan 12 ^h , 135 E	Wazima 12 ^h , 135 E	Aomori 12 ^h , 135 E	Nemuro 12 ^h , 135 E	Ontomari 12 ^h , 135 E	Moppo 12 ^h , 135 E	Zyosin 12 ^h , 135 E	Dairen 12 ^h , 135 E	Hsinking 12 ^h , 135 E
Hour of Observation																	
Atm. Pressure (Red to m.s.l. and Std. 0r.)	13.0	13.0	15.7	18.7	20.8	22.4	24.0	20.4	15.4	24.4	24.3	19.8	16.2	20.7	19.9	19.8	12.4
Air Temperature (in C)	20	25	22	18	16	13	10	13	23	12	10	7	3	15	6	16	13
Direction and Force of Winds (0-12)	NE 2	SSE 4	E 3	SE 2	ESE 3	SE 2	NE 3	NNE 5	NE 2	NNE 3	SSW 3	N 2	SSW 2	E 2	SSE 2	S 3	SW 4
Weather	cloudy	cloudy	cloudy	cloudy	clear	clear	fair	rain	cloudy	clear	clear	clear	clear	cloudy	fog	cloudy	cloudy
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 7 ^h	Ponape 12 ^h , 135 E	Jaluit 8 ^h	Hongkong 10 ^h	Manila 14 ^h	Phu-Lien 10 ^h	Surigao 14 ^h	Honolulu 12 ^h , 135 E	Midway I. 12 ^h , 135 E	Dutch Harbor 12 ^h , 135 E	Kodiak 12 ^h , 135 E
Hour of Observation																	
Atm. Pressure (Red to m.s.l. and Std. 0r.)	16.7	20.3	17.5	14.0	11.0	08.7	08.7	07.3	10.7	10.1	06.7	-	08.4	18.6	24.7	17.3	21.3
Air Temperature (in C)	19	10	14	14	23	28	29	30	26	19	26	-	32	16	-	3	7
Direction and Force of Winds (0-12)	SSW 4	SSE 4	E 2	- 1	SE 5	ENE 3	NE 3	ENE 3	NE 3	E 3	NNW 3	-	E 3	NE 5	N 6	NW 3	S 2
Weather	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	fair	fair	cloudy	cloudy	cloudy	-	fair	clear	cloudy	cloudy	cloudy

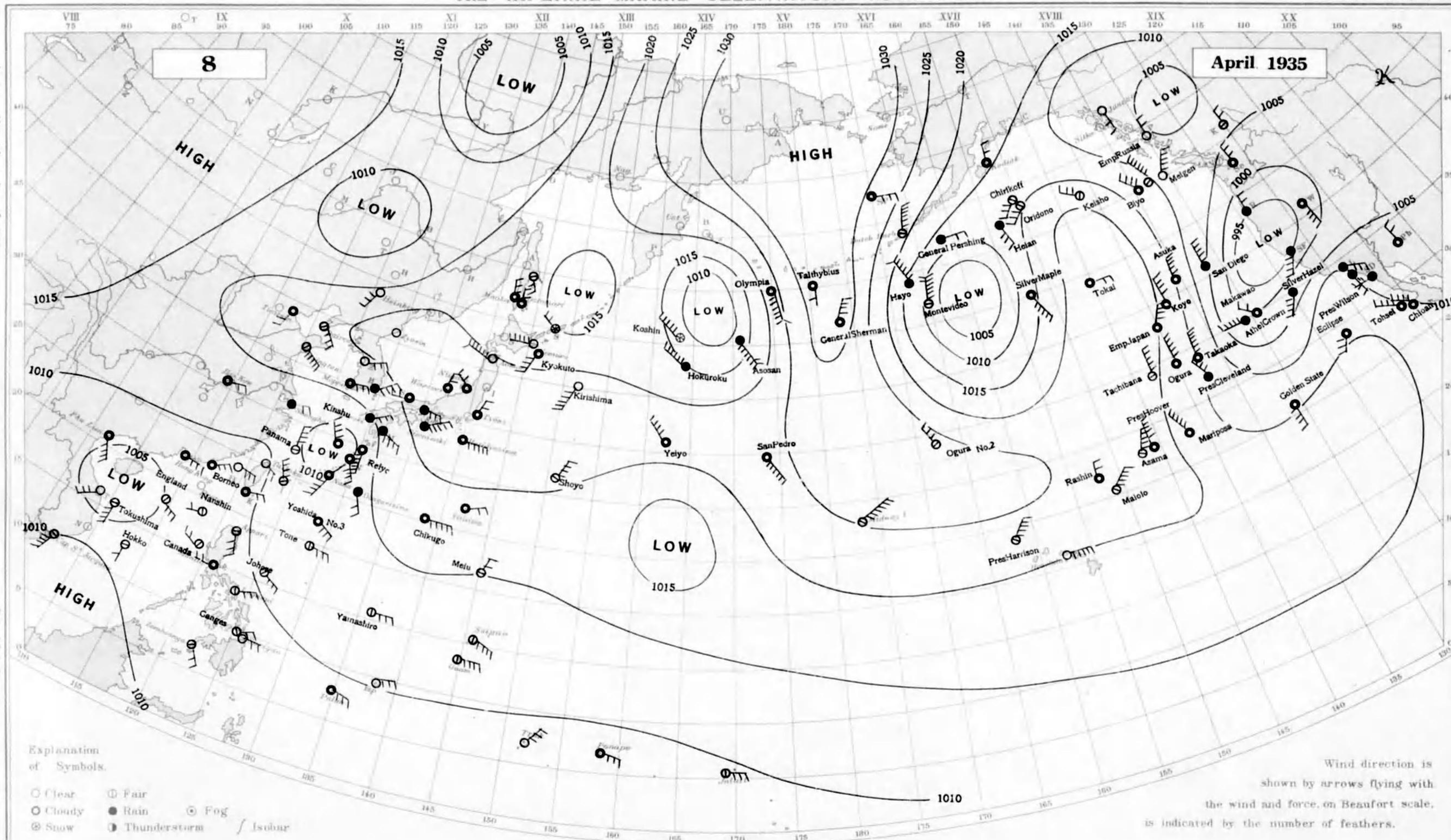
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4481

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	Osagorizima 12°N, 135°E	Nagasaki 12°N, 135°E	Siemisaki 12°N, 135°E	Kobe 12°N, 135°E	Tyōsi 12°N, 135°E	Haidyōsima 12°N, 135°E	Tiuzima 12°N, 135°E	Wazima 12°N, 135°E	Aomori 12°N, 135°E	Nemuro 12°N, 135°E	Otomari 12°N, 135°E	Moppo 12°N, 135°E	Zyōsio 12°N, 135°E	Dairen 12°N, 135°E	Hsinking 12°N, 135°E
Station Hour of Observation																	
Atm. Pressure (Red to m.s.l. and Std Gr.) mb.	08.8	11.1	14.3	12.8	22.3	23.1	25.6	23.1	17.5	24.3	22.4	14.0	17.5	16.8	23.1	19.5	15.8
Air Temperature (in C)	23	25	22	14	15	13	11	15	22	15	14	11	2	15	14	14	17
Direction and Force of Winds (0-12)	ESE 2	SSW 4	SSE 2	NE 3	NE 5	E 3	NNE 2	E 4	ENE 2	NNE 2	WNW 7	W 5	N 2	ENE 3	- 1	SE 3	SSW 3
Weather	clear	cloudy	rain	rain	rain	rain	cloudy	cloudy	cloudy	cloudy	clear	clear	cloudy	cloudy	clear	fair	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 7°N	Ponape 12°N, 135°E	Jaluit 8°N	Hongkong 10°N	Manila 14°N	Phu-Lien 10°N	Surigao 14°N	Honolulu 21°N, 155°W	Midway I. 30°N, 155°W	Dutch Harbor 53°N, 169°W	Kodiak 58°N, 155°W
Station Hour of Observation																	
Atm. Pressure (Red to m.s.l. and Std Gr.) mb.	17.3	17.1	13.6	12.3	11.1	09.1	07.1	07.8	09.9	08.8	09.0	06.0	10.1	17.9	26.1	22.7	15.2
Air Temperature (in C)	18	14	13	14	28	30	29	29	29	19	32	23	31	21	-	2	8
Direction and Force of Winds (0-12)	SSW 2	ESE 5	ENE 2	ENE 3	ESE 4	ESE 3	NE 3	ESE 3	E 3	E 3	W 2	SSE 4	E 2	E 5	NE 6	N 6	N 2
Weather	cloudy	fair	rain	cloudy	fair	cloudy	clear	cloudy	fair	cloudy	cloudy	cloudy	clear	clear	fair	fair	cloudy

洋氣象

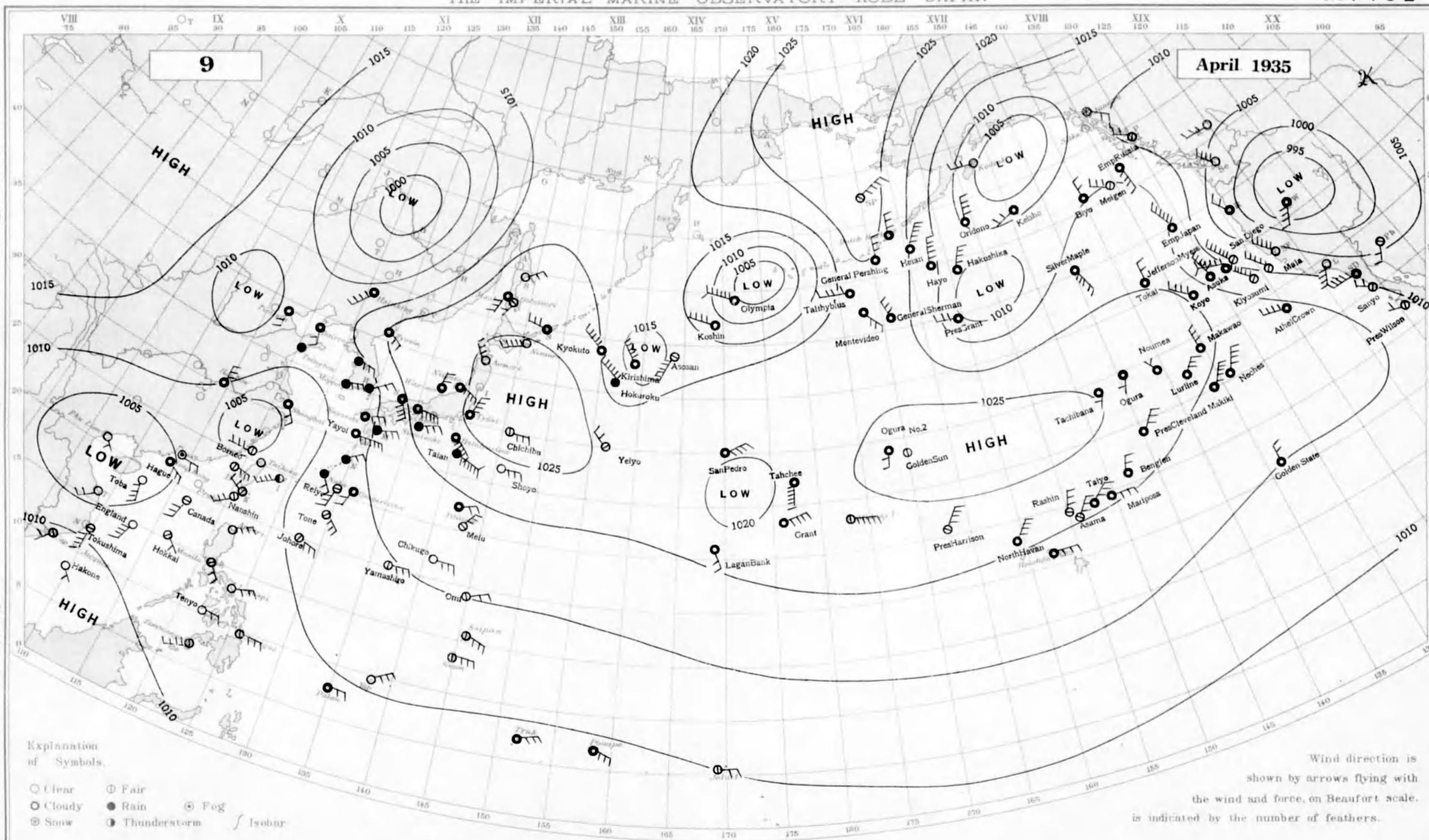
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 4482

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	Osagarizima	Nagasaki	Sumisaki	Kobe	Tyōsi	Hatidyōsima	Tsuzushima	Wajima	Aomori	Nemuro	Otomari	Moppo	Zyōsin	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 , 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.	06.9	13.0	13.6	11.0	20.3	20.3	27.4	23.4	19.1	20.6	26.7	25.7	22.7	11.0	21.9	13.9	09.5
Air Temperature (in C)	25	19	24	19	15	17	13	16	21	16	12	9	4	14	8	14	20
Direction and Force of Winds (0-12)	- 1	SE 2	SSW 2	ENE 3	ENE 3	E 5	NNE 4	SE 5	ENE 2	NNE 2	NNW 3	WSW 5	SW 1	ENE 3	ESE 2	SSE 2	SSW 4
Weather	clear	rain	cloudy	cloudy	rain	cloudy	cloudy	cloudy	cloudy	cloudy	clear	clear	fair	rain	cloudy	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	7 ^h	12 ^h , 135 E	8 ^h	10 ^h	14 ^h	10 ^h	14 ^h	Midnight	Midnight	Midnight	Midnight
Atm. Pressure (Red to m.s.l. and Std. Gr.) mb.	11.9	11.7	08.0	12.2	10.3	09.1	07.8	06.7	10.3	06.4	09.2	03.7	09.6	17.9	18.6	24.0	09.1
Air Temperature (in C)	15	11	15	15	27	30	27	30	29	19	34	26	32	21	-	1	7
Direction and Force of Winds (0-12)	S 2	- 1	SE 2	N 3	ESE 3	E 2	ENE 3	ESE 3	E 2	E 2	SE 2	SE 1	E 2	E 3	E 5	N 3	W 3
Weather	cloudy	rain	cloudy	cloudy	fair	cloudy	cloudy	cloudy	fair	fog	fair	-	fair	cloudy	fair	cloudy	clear

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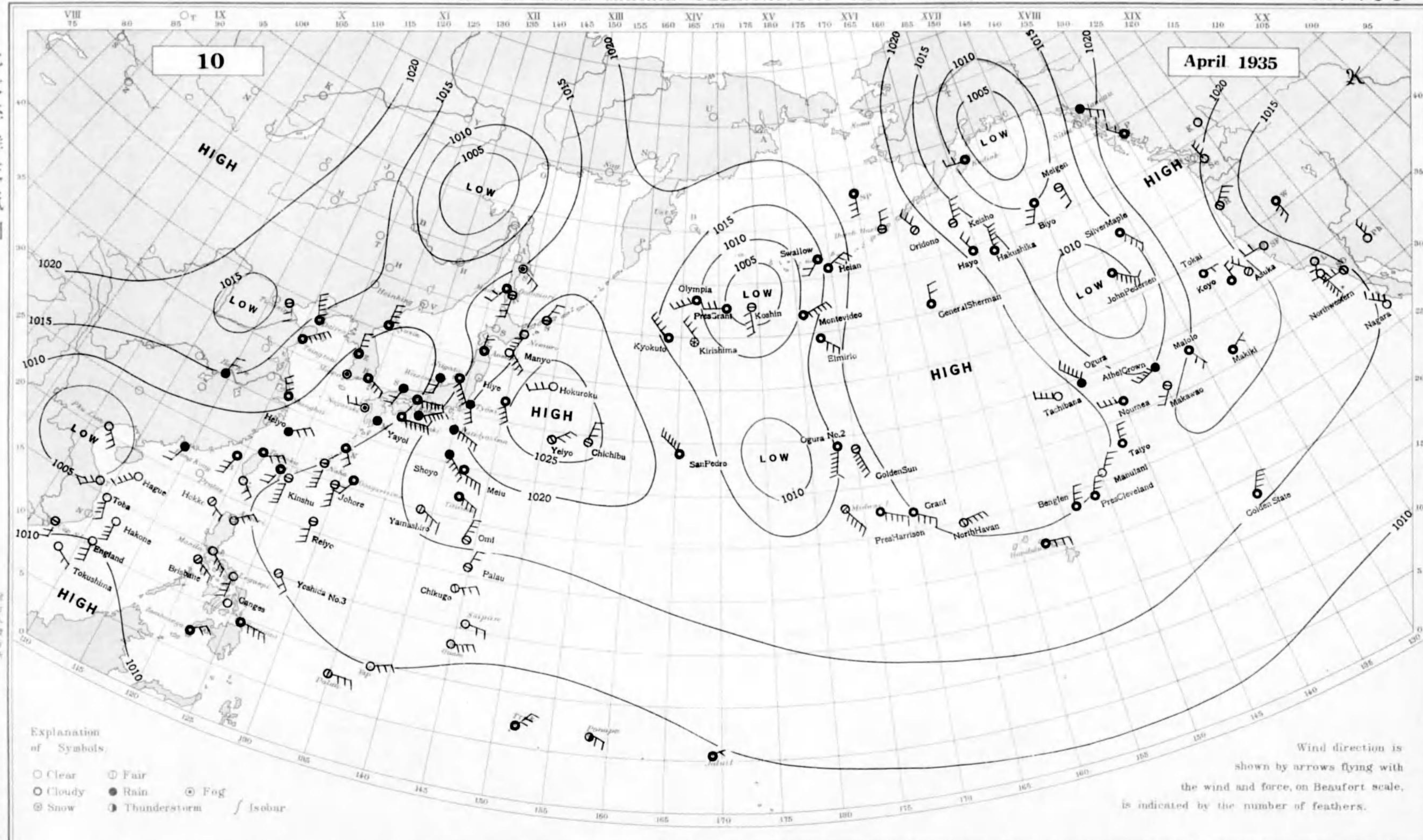
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4483

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	Ogaurizima	Nagasaki	Sionasaki	Kobe	Tyōsū	Hatidyōsima	Tiritzima	Wazima	Aomori	Nemuro	Otomari	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 , 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 10 m.s. and 5 m. Gr.) mb.	08.8	10.6	12.7	08.3	11.7	11.3	20.4	15.9	16.0	10.4	15.4	22.3	17.9	08.3	10.3	14.9	17.9
Air Temperature (in C)	26	25	27	19	13	16	13	16	23	17	12	10	6	15	10	11	3
Direction and Force of Winds (0-12)	ENE 3	S 4	SW 2	W 2	NE 6	E 6	SSE 3	ESE 5	ESE 3	SSW 2	N 2	SSW 4	S 3	- 1	N 4	NNW 5	- 1
Weather	cloudy	fair	cloudy	fog	rain	cloudy	rain	rain	cloudy	rain	cloudy	clear	fair	fog	cloudy	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	7 ^h	12 ^h , 135 E	8 ^h	10 ^h	14 ^h	10 ^h	14 ^h	10 ^h	14 ^h	14 ^h	14 ^h
Atm. Pressure (Red 10 m.s. and 5 m. Gr.) mb.	19.9	14.3	12.6	15.5	10.0	09.0	07.8	06.9	10.3	05.7	09.1	04.6	09.2	17.9	17.3	22.7	07.8
Air Temperature (in C)	16	14	13	14	28	30	25	28	27	26	35	27	30	21	-	4	2
Direction and Force of Winds (0-12)	SE 2	NNE 5	NNW 3	N 2	E 2	E 3	NE 3	ESE 2	ENE 1	SSW 2	SE 3	SE 3	E 4	E 3	SE 5	N 2	W 2
Weather	fair	cloudy	cloudy	rain	clear	fair	cloudy	t.s.	cloudy	rain	clear	clear	cloudy	cloudy	fair	fair	cloudy

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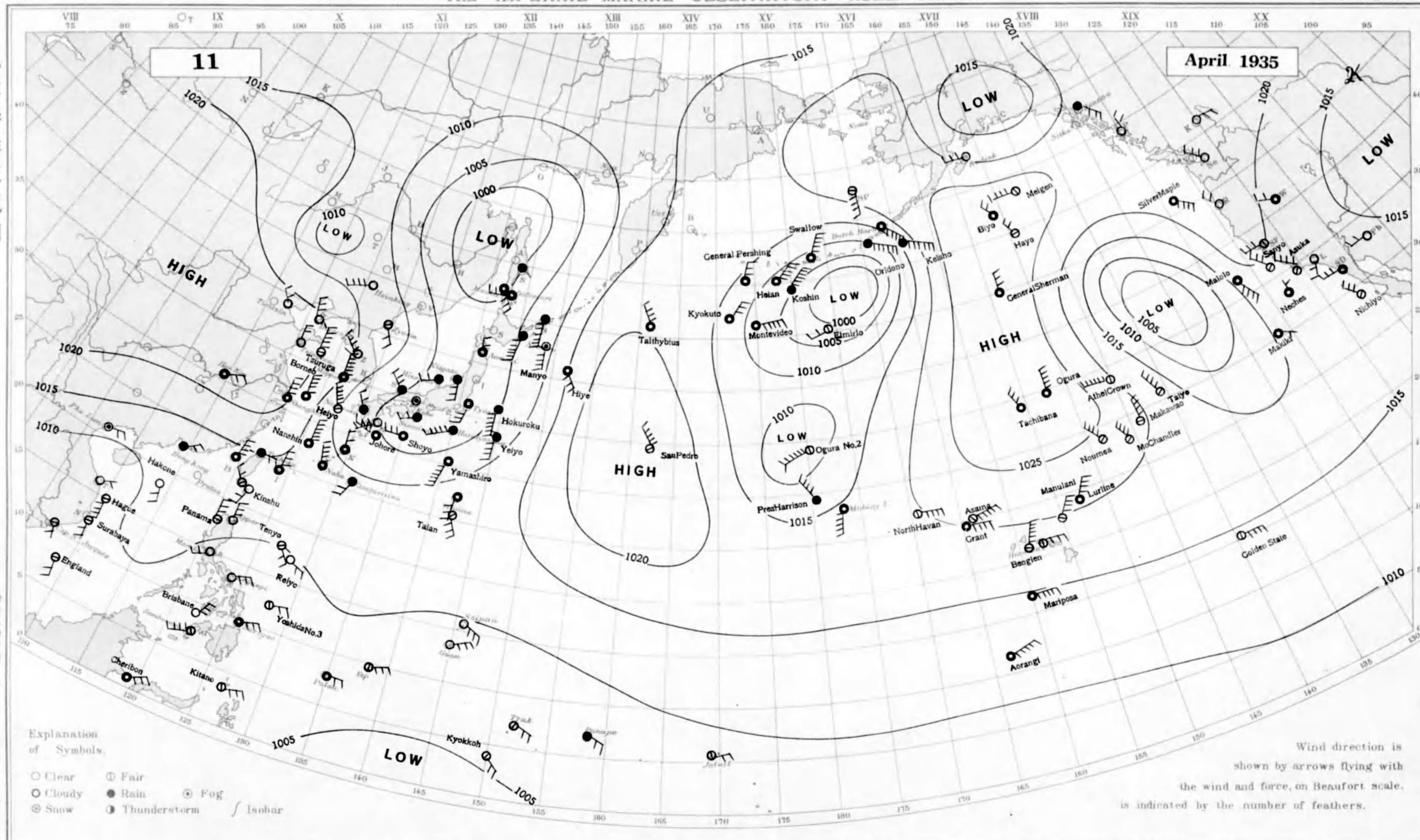
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 4484

北太平洋天氣圖



Explanation of Symbols.

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

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

Station	Taihoku 12°N, 135°E	Naha 12°N, 135°E	Ooyuzurima 12°N, 135°E	Nagasaki 12°N, 135°E	Siemasiaki 12°N, 135°E	Kobe 12°N, 135°E	Tyosai 12°N, 135°E	Hatidyosima 12°N, 135°E	Titizima 12°N, 135°E	Wozima 12°N, 135°E	Aomori 12°N, 135°E	Nemoro 12°N, 135°E	Otomari 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 and Surf) mb.	15.9	11.5	10.4	08.6	03.8	04.8	01.9	04.7	11.9	04.8	00.8	05.2	00.3	15.5	11.3	22.6	14.6
Air Temperature (in C)	19	21	23	14	16	14	15	19	26	12	13	7	7	13	8	7	5
Direction and Force of Winds (0-12)	E 2	NNW 5	SW 2	NNW 2	WSW 2	- 1	SSW 3	WSW 5	S 3	WSW 2	N 2	SSW 6	W 2	N 7	SSE 2	NNW 3	WSW 4
Weather	rain	cloudy	rain	rain	rain	fog	cloudy	rain	cloudy	rain	cloudy	rain	cloudy	clear	fair	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 7°N	Ponape 12°N, 135°E	Jaluit 8°N	Hongkong 10°N	Manila 14°N	Phu-Lien 10°N	Surigao 14°N	Honolulu 21°N	Midway I. 33°N	Dutch Harbor 58°N	Kodiak 58°N
Hour of Observation																	
Atm. Pressure (Red to sea and Surf) mb.	24.2	23.1	22.0	22.7	09.2	08.4	07.0	07.1	09.5	10.1	10.1	11.3	09.3	17.3	13.9	22.7	18.6
Air Temperature (in C)	12	10	14	17	28	30	29	27	29	22	34	25	28	21	-	3	7
Direction and Force of Winds (0-12)	NW 2	N 3	N 4	ENE 2	SE 3	E 2	ESE 2	ESE 2	ENE 2	NE 2	WSW 2	ENE 2	ENE 3	E 3	S 5	SE 5	W 3
Weather	clear	clear	cloudy	cloudy	clear	cloudy	fair	rain	fair	rain	clear	cloudy	cloudy	fair	cloudy	cloudy	clear

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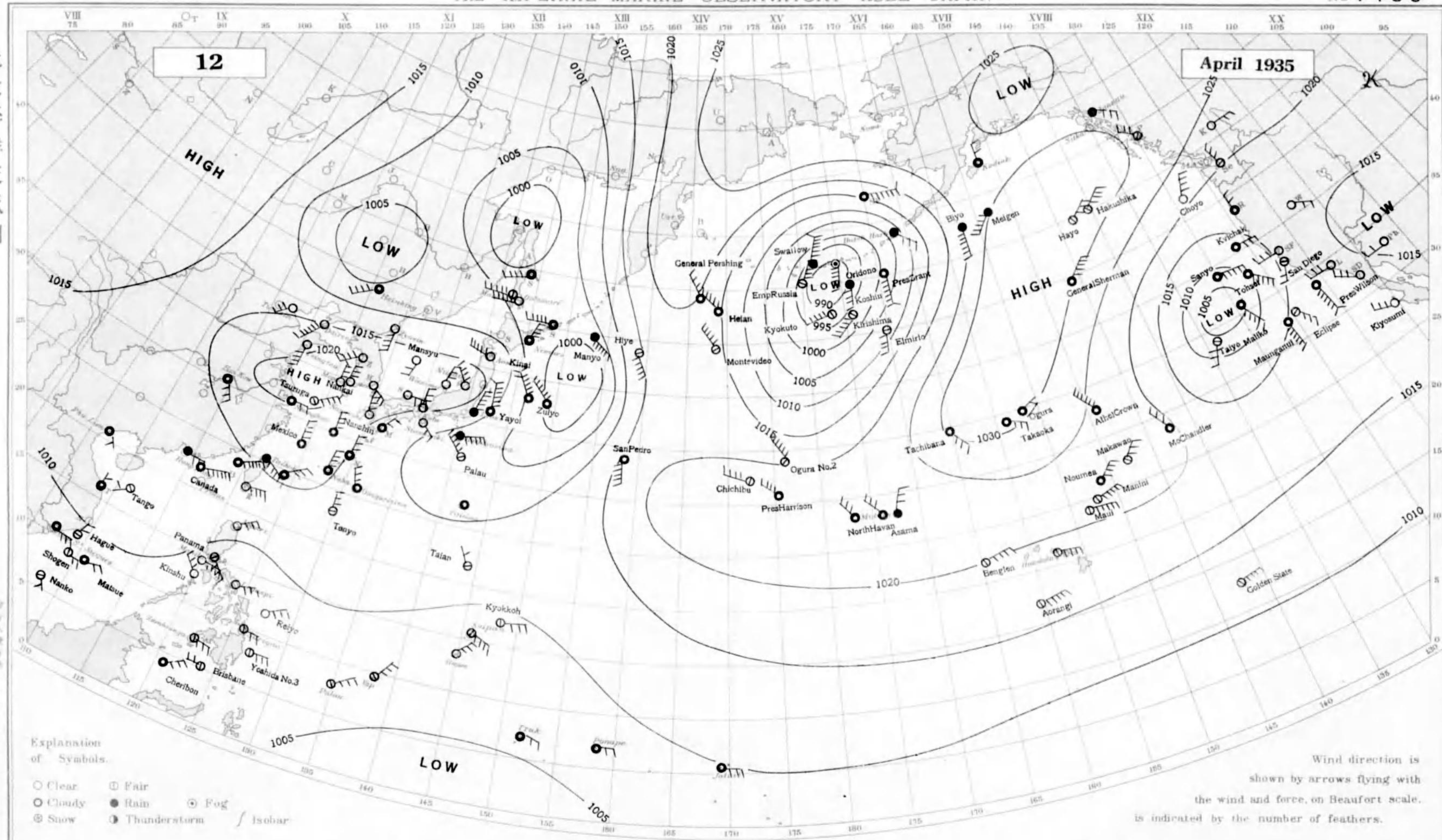
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4485

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	Osagarizima	Nagasaki	Stomiaki	Kobe	Tyoko	Haitiyosima	Tiuzima	Wazima	Aomori	Nemuro	Ootomari	Moppo	Zyosin	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 , 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 500 ft) mls.	17.2	15.7	13.2	16.2	10.3	15.0	11.8	08.8	08.3	18.0	14.4	04.6	04.6	19.9	12.4	17.1	07.5
Air Temperature (in C)	15	19	22	16	17	14	9	14	24	10	9	6	4	11	11	13	14
Direction and Force of Winds (0-12)	ESE 4	NNE 4	NNW 3	N 3	SE 2	N 4	NNE 5	ENE 5	- 1	NNE 3	WNW 5	NNE 4	W 5	N 3	S 4	SSW 6	SW 4
Weather	rain	cloudy	cloudy	clear	clear	clear	rain	rain	cloudy	clear	clear	cloudy	clear	clear	clear	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	7 ^h	12 ^h , 135° E	8 ^h	10 ^h	14 ^h	10 ^h	14 ^h	Midnight	Midnight	Midnight	Midnight
Atm. Pressure (Red to sea level and 500 ft) mls.	13.9	19.5	21.1	16.4	08.6	07.7	06.3	06.6	10.4	11.7	09.3	12.0	09.3	17.9	20.0	05.1	26.1
Air Temperature (in C)	19	12	12	17	28	30	29	29	28	18	34	20	30	22	-	8	4
Direction and Force of Winds (0-12)	SW 3	S 4	E 2	SSE 3	ESE 4	NE 3	ESE 2	E 2	E 3	E 3	SE 3	SE 1	E 2	E 4	NW 3	SE 3	N 2
Weather	clear	clear	cloudy	cloudy	fair	fair	cloudy	cloudy	cloudy	rain	fair	cloudy	fair	fair	cloudy	rain	cloudy

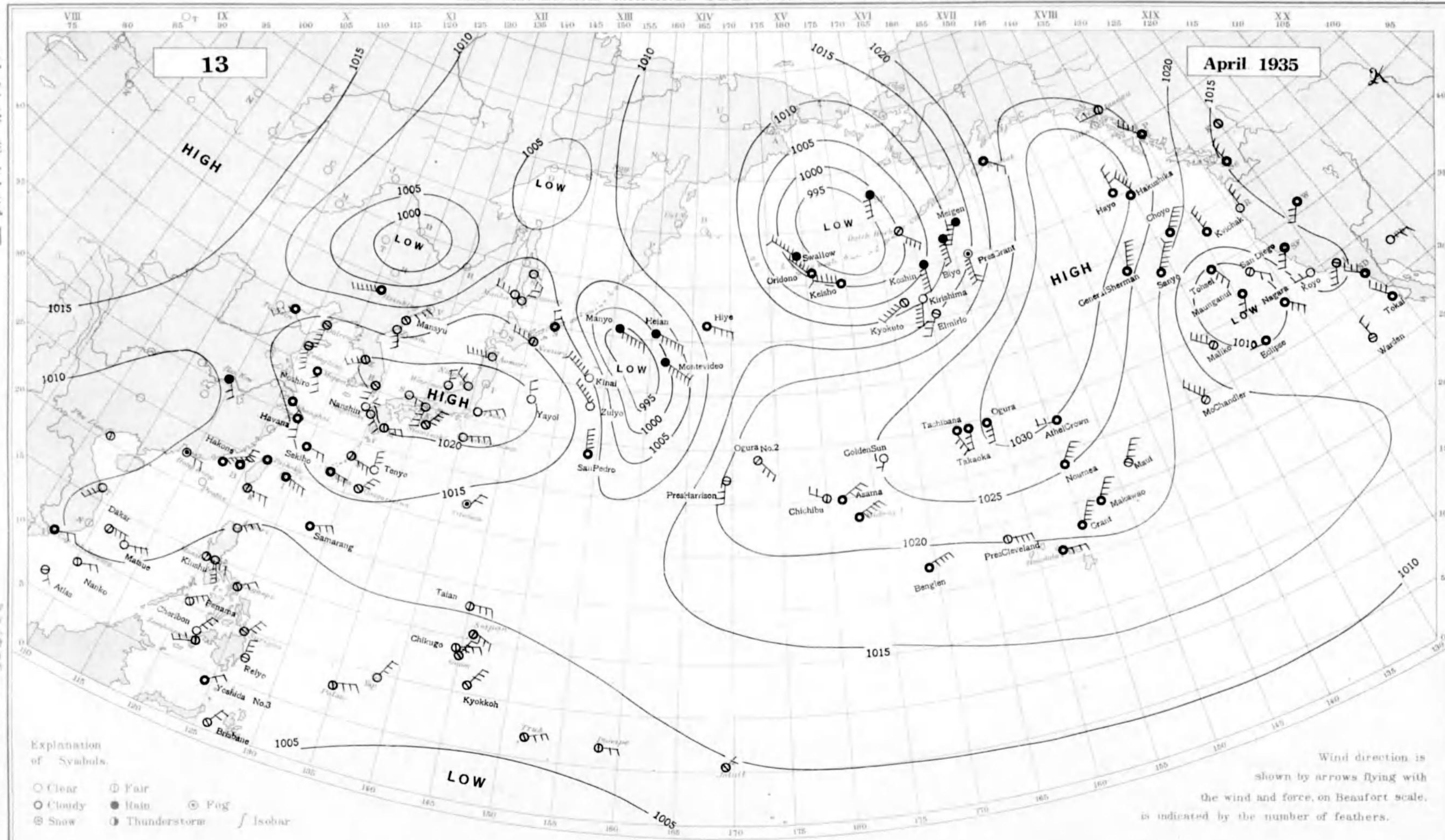
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4486

北太平洋天氣圖



Explanation of Symbols.

- Clear
- ☉ Fair
- ☁ Cloudy
- ☂ Rain
- ☁ Fog
- ☉ Snow
- ☛ Thunderstorm
- f 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	Taipei 12° 135 E	Naha 12° 135 E	Manarima 12° 135 E	Nagasaki 12° 135 E	Simsaki 12° 135 E	Kobe 12° 135 E	Tyōsō 12° 135 E	Hatidyōsima 12° 135 E	Tiōzima 12° 135 E	Wazima 12° 135 E	Aomori 12° 135 E	Nemuro 12° 135 E	Otomari 12° 135 E	Mappo 12° 135 E	Zyōsō 12° 135 E	Dairen 12° 135 E	Hsinking 12° 135 E
Hour of Observation																	
Atm. Pressure (Red to sea level and 500 ft) mb.	14.1	15.8	16.2	18.9	21.2	21.0	23.3	21.1	13.0	21.2	18.7	10.7	11.3	19.5	12.7	16.8	08.6
Air Temperature (in C)	23	21	23	19	16	16	12	16	23	12	15	11	3	15	10	13	13
Direction and Force of Winds (0-12)	-	E 2	NE 3	SE 2	NE 4	S 2	ENE 2	ENE 4	NE 2	N 2	W 5	WNW 4	NE 2	- 1	SSE 3	S 5	WSW 6
Weather	cloudy	cloudy	fair	clear	fair	clear	clear	clear	cloudy	clear	clear	fair	clear	clear	clear	fair	cloudy
Station	Tientsin 12° 135 E	Tsingtau 12° 135 E	Shanghai 12° 135 E	Hankow 12° 135 E	Saipan 12° 135 E	Palau 12° 135 E	Truk 7° 135 E	Ponape 12° 135 E	Jaluit 3° 135 E	Hongkong 10°	Manila 14°	Phu-Lien 10°	Surigao 14°	Honolulu 21° 155 W	Midway I. 33° 155 W	Dutch Harbor 59° 155 W	Kodiak 59° 155 W
Hour of Observation																	
Atm. Pressure (Red to sea level and 500 ft) mb.	12.6	17.3	15.7	12.0	09.2	08.0	06.4	05.7	10.0	11.1	09.6	08.6	09.5	20.0	21.3	01.7	21.3
Air Temperature (in C)	21	11	14	16	28	30	30	30	29	18	34	22	29	22	-	8	6
Direction and Force of Winds (0-12)	SW 4	SSE 4	ESE 2	SE 2	ESE 3	ENE 3	ENE 3	E 2	NE 1	E 2	SSE 4	calm	NE 3	E 3	NE 5	SE 4	SE 2
Weather	cloudy	fair	cloudy	rain	fair	fair	fair	fair	fair	fog	clear	fair	fair	cloudy	cloudy	fair	cloudy

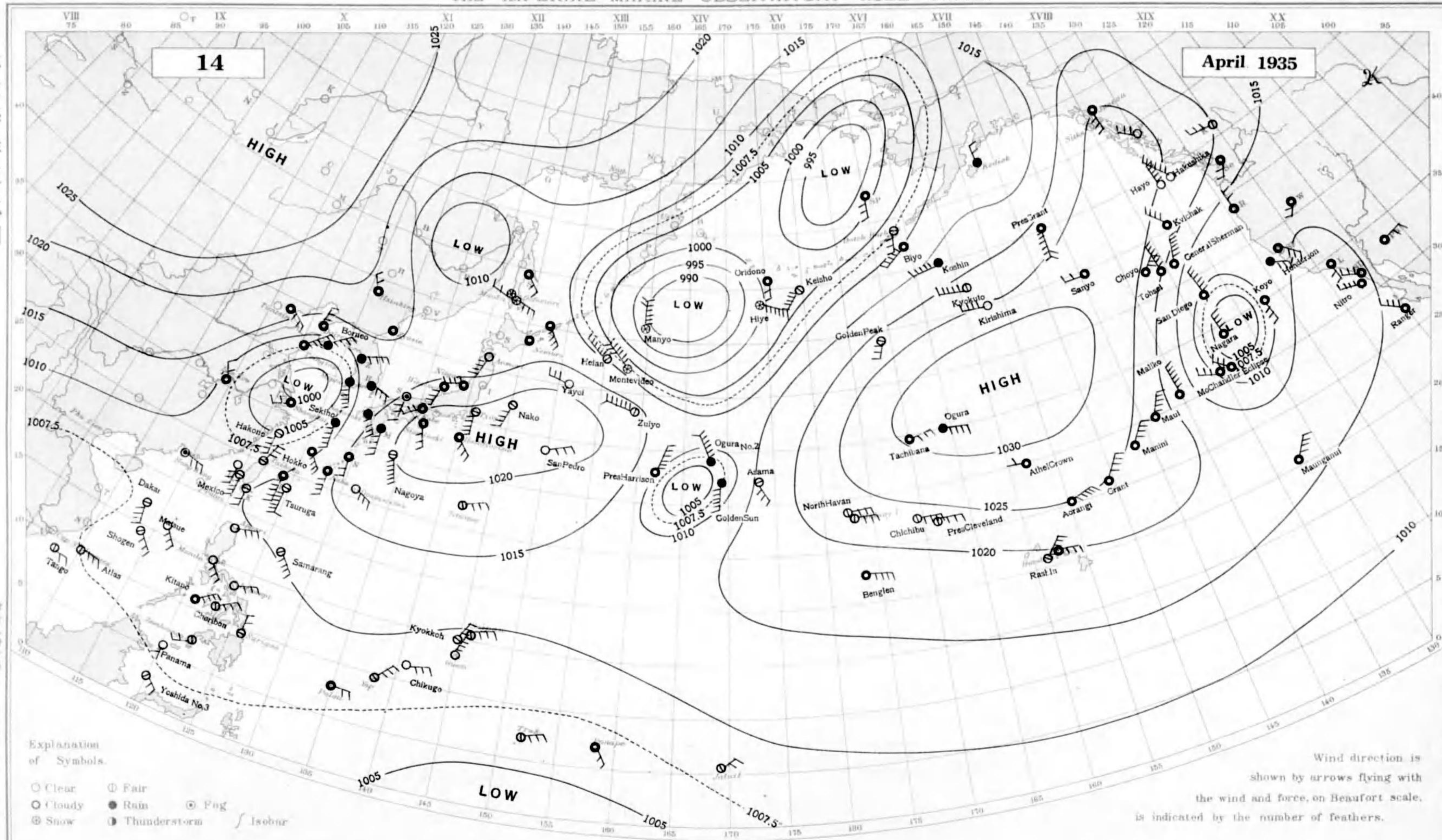
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 4487

北太平洋天氣圖



Explanation of Symbols.

○ Clear ⊕ Fair
 ☁ Cloudy ● Rain ⊙ Fog
 ❄ Snow ⚡ Thunder-storm / Isobar

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

Station	Tsiboku 12° N, 135° E	Naha 12° N, 135° E	Ogasawarishima 12° N, 135° E	Nagasaki 12° N, 135° E	Siomisaki 12° N, 135° E	Kobe 12° N, 135° E	Tyōsū 12° N, 135° E	Haidyōsumi 12° N, 135° E	Titizima 12° N, 135° E	Wazima 12° N, 135° E	Aomori 12° N, 135° E	Nemuro 12° N, 135° E	Otomari 12° N, 135° E	Moppo 12° N, 135° E	Zyōsin 12° N, 135° E	Dairen 12° N, 135° E	Hsinking 12° N, 135° E
Hour of Observation																	
Atm. Pressure (Red to m.s.l. and Std. 6r) mb.	09.3	13.1	15.7	12.6	20.7	19.5	20.6	22.9	17.7	16.4	13.9	12.6	12.7	06.4	16.4	14.9	19.8
Air Temperature (in C)	26	23	24	15	18	17	17	16	21	19	18	8	2	15	7	9	9
Direction and Force of Winds (0-12)	NNE 3	S 4	ESE 3	SE 4	SSE 3	SW 3	S 5	SE 3	ENE 3	SW 5	SW 5	- 1	ESE 3	SSE 5	- 1	NNE 3	NNW 2
Weather	fair	cloudy	clear	rain	cloudy	cloudy	fair	cloudy	fair	cloudy	clear	cloudy	snow	rain	cloudy	cloudy	cloudy

Station	Tientsin 12° N, 135° E	Tsingtau 12° N, 135° E	Shanghai 12° N, 135° E	Hankow 12° N, 135° E	Saipan 12° N, 135° E	Palau 12° N, 135° E	Truk 7° N	Ponape 12° N, 135° E	Jaduit 8° N	Hongkong 10° N	Manila 14° N	Phu-Lien 10° N	Surigao 14° N	Honolulu Midnight 21° N, 155° W	Midway I. Midnight 36° N, 155° W	Dutch Harbor Midnight 59° N, 155° W	Kodiak Midnight 59° N, 155° W
Hour of Observation																	
Atm. Pressure (Red to m.s.l. and Std. 6r) mb.	17.3	09.3	03.4	09.1	09.3	08.7	06.9	06.6	09.5	08.4	09.3	-	09.3	18.6	20.6	01.7	11.2
Air Temperature (in C)	12	9	21	15	29	31	30	27	29	20	35	-	29	21	-	7	6
Direction and Force of Winds (0-12)	ESE 3	NE 6	WSW 2	NNW 2	ENE 3	E 2	ENE 3	SSE 2	ENE 2	E 3	SE 3	-	N 2	E 3	E 3	S 3	N 2
Weather	cloudy	cloudy	cloudy	cloudy	fair	cloudy	fair	cloudy	fair	fog	clear	-	fair	cloudy	fair	fair	rain

洋行
 代理人
 總行
 橫濱市
 中山
 區
 本町
 一丁目
 洋行

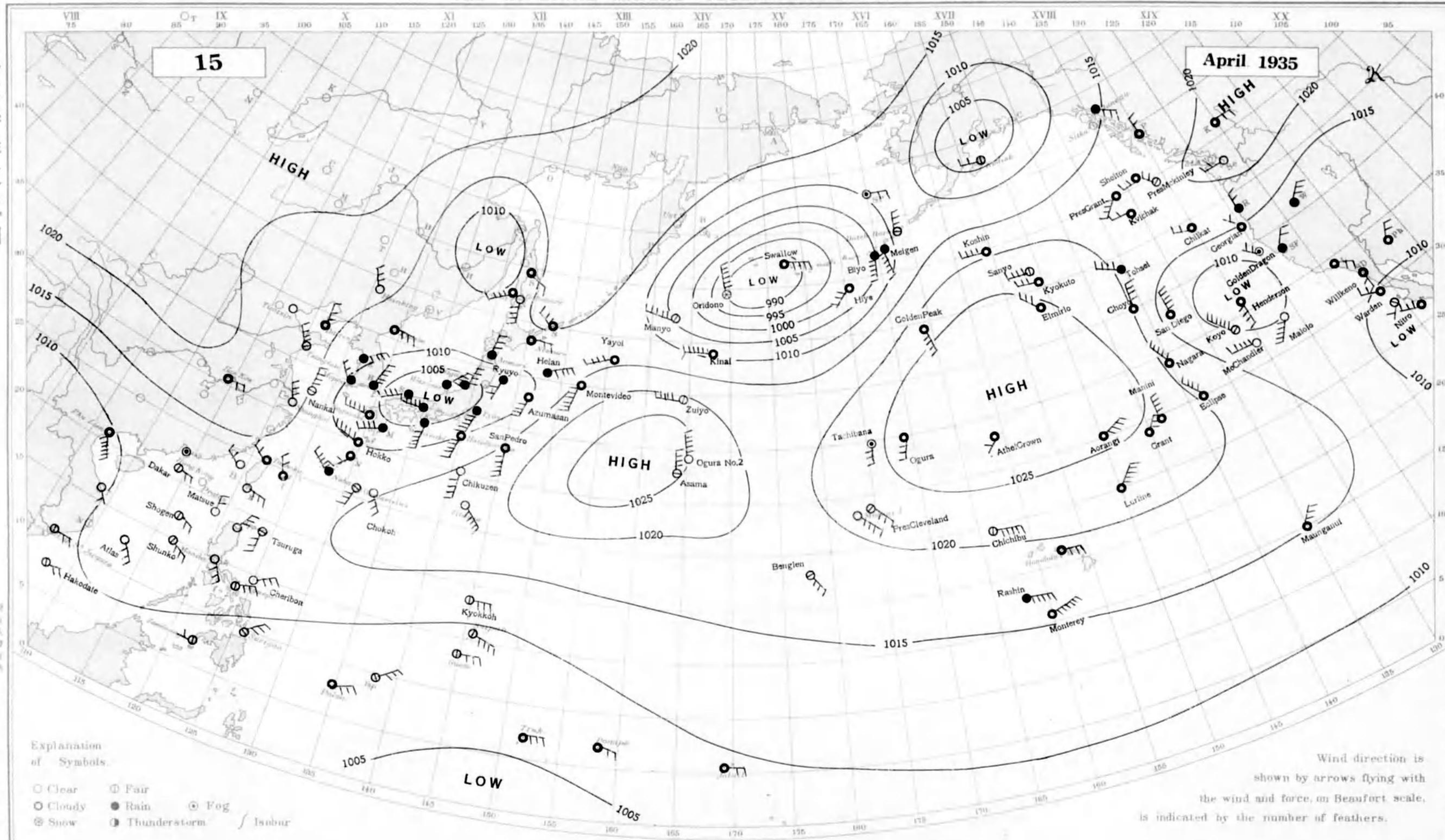
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 4488

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	Tohoku 12°N, 135°E	Naha 12°N, 135°E	Osayariema 12°N, 135°E	Nagasaki 12°N, 135°E	Siomisaki 12°N, 135°E	Kobe 12°N, 135°E	Tyoko 12°N, 135°E	Haidyosima 12°N, 135°E	Titiyima 12°N, 135°E	Wazima 12°N, 135°E	Aomori 12°N, 135°E	Nemuro 12°N, 135°E	Otomari 12°N, 135°E	Moppo 12°N, 135°E	Zyosin 12°N, 135°E	Dairen 12°N, 135°E	Hsinking 12°N, 135°E
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	7h	12h	8h	10h	11h	10h	11h	10h	10h	10h	10h
Atm. Pressure (Red to sea level and Std. Or.) (mb)	13.6	13.1	13.2	06.9	03.8	01.3	06.7	10.1	16.0	01.6	10.7	14.7	13.9	05.9	14.7	15.3	16.7
Air Temperature (in C)	24	20	26	14	18	17	16	18	25	11	6	3	3	9	10	15	10
Direction and Force of Winds (0-12)	WNW 2	WNW 5	SSW 3	W 5	S 5	W 5	SSW 5	SSW 5	SE 5	NE 3	NNE 3	E 2	S 4	NW 3	E 3	N 3	NNW 3
Weather	cloudy	rain	fair	cloudy	rain	rain	rain	cloudy	clear	rain	rain	cloudy	clear	rain	cloudy	cloudy	clear
Atm. Pressure (Red to sea level and Std. Or.) (mb)	18.6	16.0	17.0	19.7	09.2	08.6	06.9	05.9	09.6	09.7	09.6	09.0	09.5	18.6	21.3	11.8	04.4
Air Temperature (in C)	18	12	15	16	28	28	28	28	27	22	35	26	30	21	-	9	6
Direction and Force of Winds (0-12)	- 1	NNW 4	NNW 3	ENE 2	ESE 4	ENE 3	E 3	ESE 2	E 2	calm	SE 3	SSE 6	NE 3	E 3	SE 4	N 3	W 2
Weather	clear	fair	clear	cloudy	fair	cloudy	cloudy	cloudy	cloudy	fog	clear	cloudy	fair	cloudy	clear	fair	fair

印 度 洋 大 陸 行 動 圖
 海 洋 氣 象 學
 中 山 大 學 地 理 系 編 印

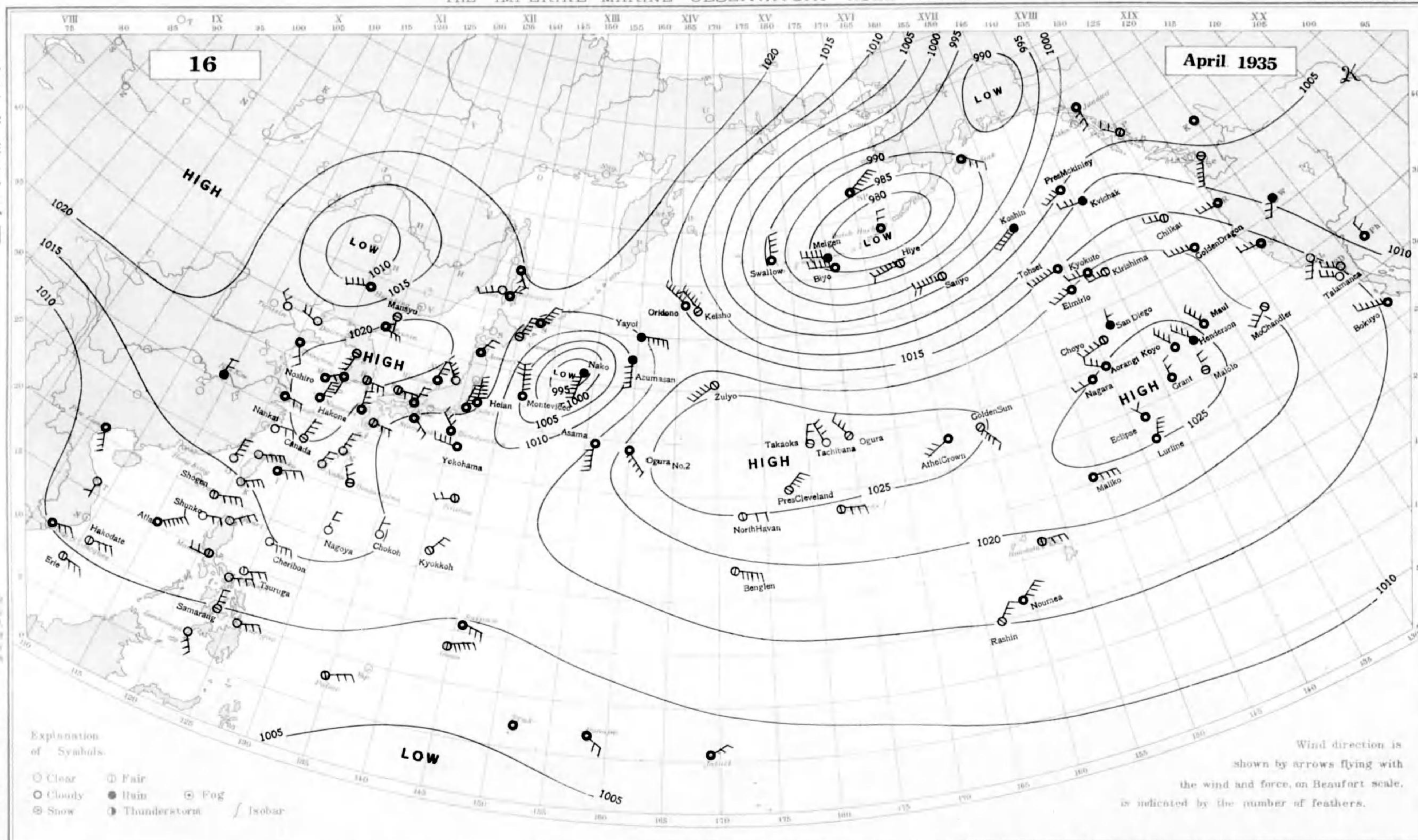
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4489

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	Taihoiku 12° 135 E	Naha 12° 135 E	Ogatsushima 12° 135 E	Nagasaki 12° 135 E	Suisan 12° 135 E	Kobe 12° 135 E	Tyoko 12° 135 E	Haidyosima 12° 135 E	Tsuzima 12° 135 E	Wajima 12° 135 E	Aomori 12° 135 E	Nemuro 12° 135 E	Otomari 12° 135 E	Moppo 12° 135 E	Zyosin 12° 135 E	Dairen 12° 135 E	Hsinking 12° 135 E
Hour of Observation																	
Atm. Pressure (Red. to sea level and Sea level) (mb.)	15.8	17.6	16.8	19.0	13.3	17.3	16.4	12.8	14.7	19.0	17.1	14.6	19.7	20.3	21.0	19.5	11.0
Air Temperature (in C)	24	21	24	14	18	13	9	19	27	10	10	2	1	14	8	17	14
Direction and Force of Winds (0-12)	ENE 5	NNE 2	NNW 2	N 3	SE 2	NNE 2	NNE 6	NNW 3	WSW 2	NNE 3	NE 2	NNE 5	NE 2	SSW 2	ESE 3	WNW 2	WSW 4
Weather	clear	clear	fair	cloudy	cloudy	cloudy	cloudy	cloudy	fair	cloudy	cloudy	fair	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	Pulau 12° 135 E	Truk 7 h	Pompe 12° 135 E	Jaluit 8 h	Hongkong 10 h	Manila 14 h	Phu-Lien 10 h	Surigao 14 h	Honolulu 14 h	Midway I. 14 h	Dutch Harbor 14 h	Kodiak 14 h
Hour of Observation																	
Atm. Pressure (Red. to sea level and Sea level) (mb.)	19.0	19.8	19.9	18.0	09.9	08.4	07.4	07.3	08.8	12.4	11.3	11.1	09.7	19.3	24.0	76.6	89.5
Air Temperature (in C)	20	15	16	12	29	30	28	29	28	21	32	25	30	22	-	2	7
Direction and Force of Winds (0-12)	NW 2	SSE 2	E 2	NNE 2	ESE 3	ENE 3	- 1	SE 2	ENE 2	E 2	W 2	SSE 4	ENE 3	E 3	E 3	N 2	SE 3
Weather	clear	cloudy	cloudy	rain	cloudy	fair	cloudy	cloudy	cloudy	fog	fair	cloudy	clear	fair	fair	cloudy	cloudy

北太平洋天氣圖

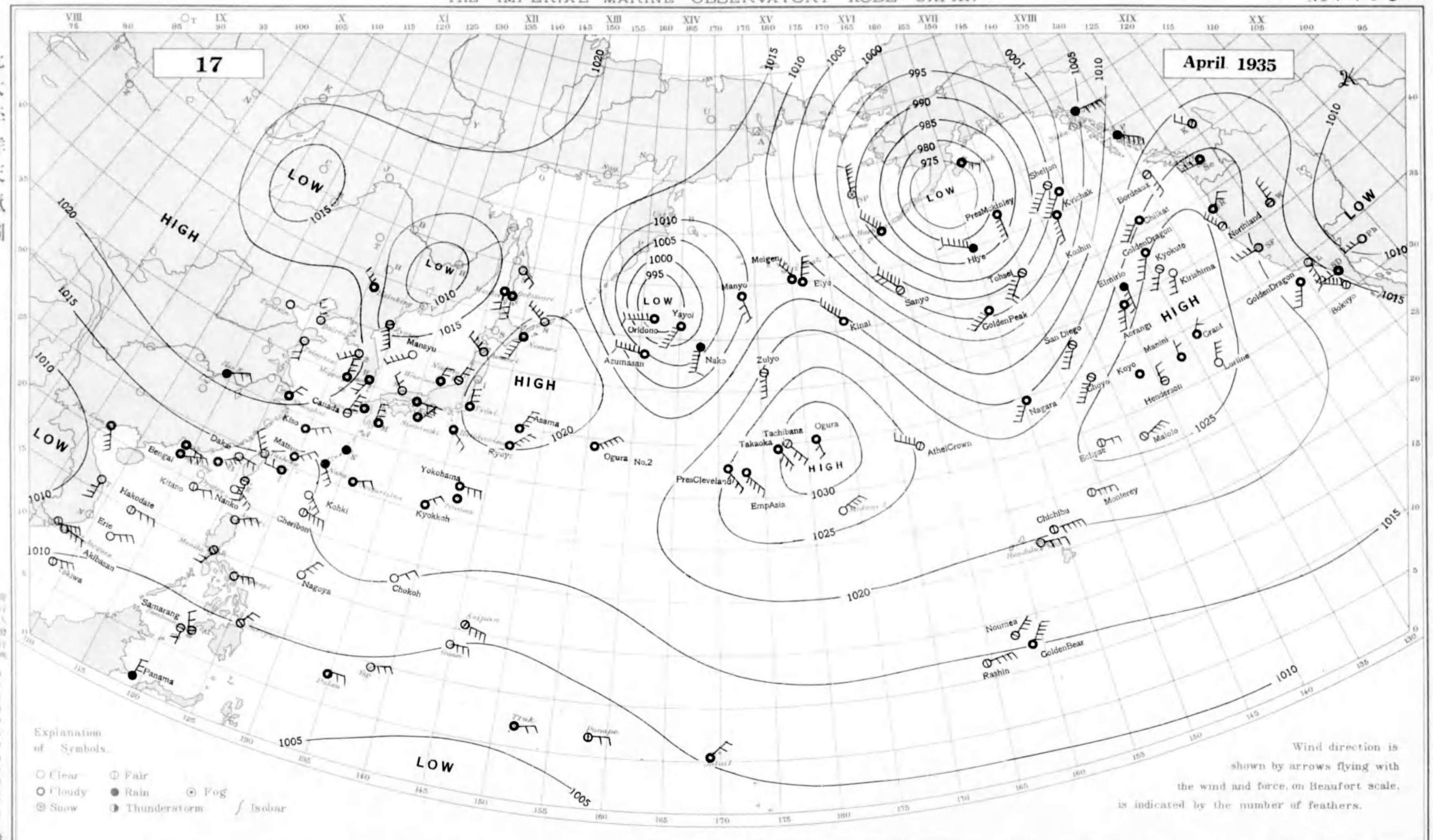
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 4490

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 ^h , 135° E	Naha 12 ^h , 135° E	Oosagazima 12 ^h , 135° E	Nagasaki 12 ^h , 135° E	Simisaki 12 ^h , 135° E	Kobe 12 ^h , 135° E	Tyōsū 12 ^h , 135° E	Hatidyōsima 12 ^h , 135° E	Titiyama 12 ^h , 135° E	Wajima 12 ^h , 135° E	Aomori 12 ^h , 135° E	Nemuro 12 ^h , 135° E	Otomari 12 ^h , 135° E	Moppo 12 ^h , 135° E	Zyōsū 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. Gr.) mb.	15.0	15.5	16.8	17.0	16.4	18.1	20.4	17.7	15.7	18.1	17.6	21.5	17.6	20.7	10.3	21.2	21.3	
Air Temperature (in C)	25	22	22	14	16	13	11	16	25	12	13	4	1	15	12	17	5	
Direction and Force of Winds (0-12)	NW 2	SE 3	ENE 2	- 1	NE 3	E 2	N 3	SE 2	- 1	NNE 3	NW 3	SW 5	S 3	N 3	SSE 5	NNW 3	NW 3	
Weather	fair	rain	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	clear	cloudy	cloudy	cloudy	fair	clear	cloudy	
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 7 ^h	Ponape 12 ^h , 135° E	Jaluit 8 ^h	Hongkong 10 ^h	Manila 13 ^h	Phu Lien 10 ^h	Surigno 14 ^h	Honolulu Midnight 13.5° E	Midway I. Midnight 13.5° E	Dutch Harbor Midnight 13.5° E	Kodiak Midnight 13.5° E	
Hour of Observation																		
Atm. Pressure (Red to m.s.l. and Std. Gr.) mb.	20.8	21.7	21.1	21.3	10.4	08.8	06.9	07.5	12.0	12.8	11.3	11.4	10.0	18.6	26.1	84.7	78.6	
Air Temperature (in C)	24	15	13	12	28	29	30	29	27	20	33	25	29	23	-	-3	3	
Direction and Force of Winds (0-12)	- 1	S 2	NE 2	NE 2	ESE 4	E 2	ENE 3	E 2	ENE 2	E 2	SW 2	SSE 4	NE 2	E 3	NE 4	NW 6	SE 2	
Weather	clear	clear	cloudy	rain	fair	cloudy	cloudy	fair	cloudy	cloudy	fair	cloudy	fair	clear	clear	cloudy	cloudy	

中華民國二十五年四月十七日

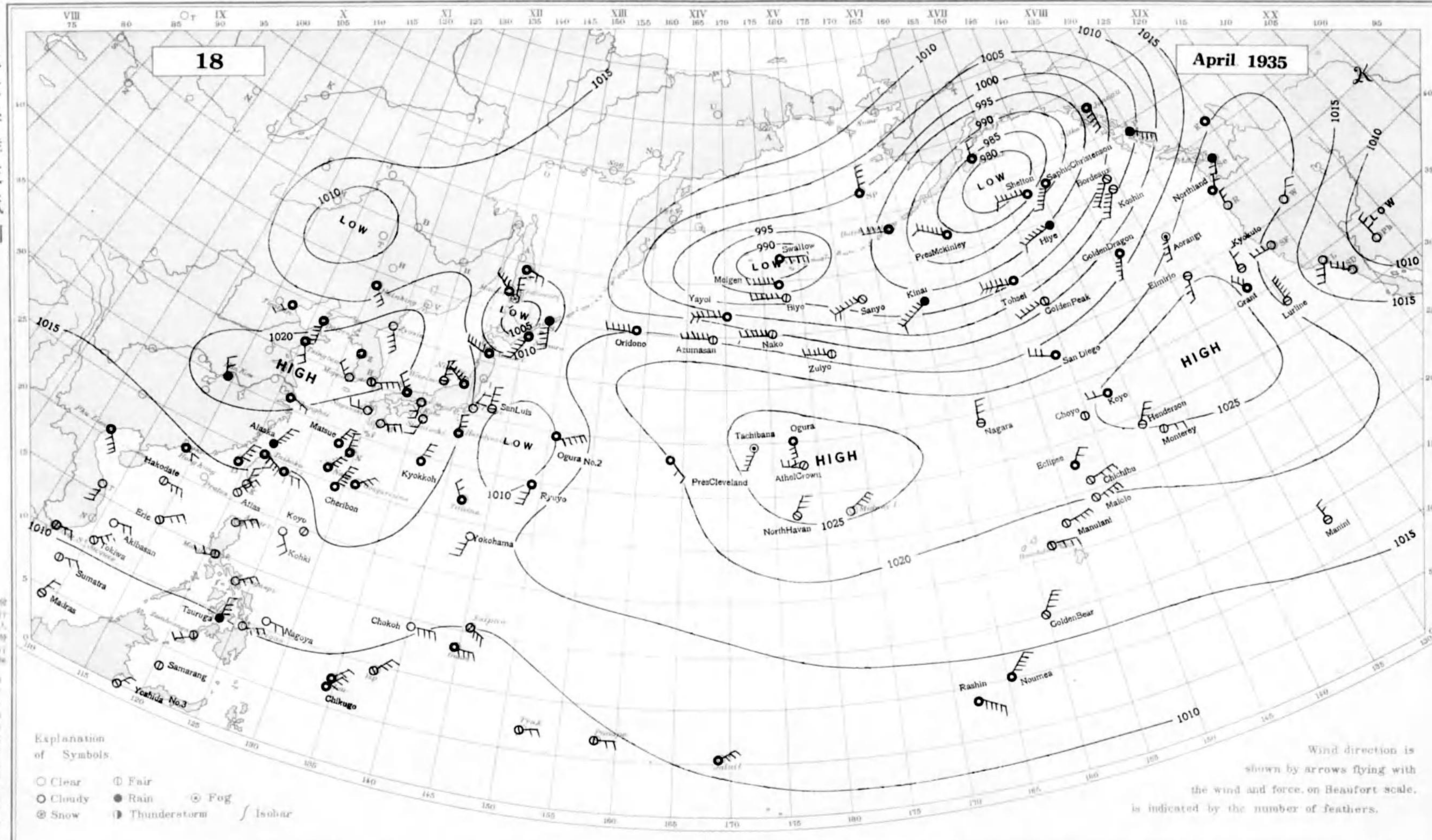
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4491

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	Toboku 12 ^h , 135 E	Naha 12 ^h , 135 E	Oosagizima 12 ^h , 135 E	Nagasaki 12 ^h , 135 E	Siomaeki 12 ^h , 135 E	Kobe 12 ^h , 135 E	Tyōki 12 ^h , 135 E	Hatidyōsima 12 ^h , 135 E	Titizima 12 ^h , 135 E	Wazima 12 ^h , 135 E	Aomori 12 ^h , 135 E	Nemuro 12 ^h , 135 E	Ootomari 12 ^h , 135 E	Mopu 12 ^h , 135 E	Zyōsu 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. Gr.) mb.	15.5	15.5	15.4	18.4	16.8	18.1	14.3	15.4	13.6	19.4	13.0	07.9	07.9	20.2	21.0	19.1	13.6	
Air Temperature (in C)	24	21	19	20	17	16	13	17	23	11	8	7	0	15	8	14	12	
Direction and Force of Winds (0-12)	ESE 4	NE 3	ENE 3	W 2	SSW 2	S 2	NNE 2	N 3	NNW 2	N 3	WNW 5	SW 6	N 5	NW 2	SSE 4	S 5	SE 3	
Weather	cloudy	cloudy	cloudy	clear	clear	clear	clear	cloudy	cloudy	fair	cloudy	cloudy	snow	clear	clear	cloudy	cloudy	
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	Palou 12 ^h , 135 E	Truk 7 ^h	Ponape 12 ^h , 135 E	Jaluit 8 ^h	Hongkong 10 ^h	Manila 14 ^h	Phi-Lien 10 ^h	Surigao 14 ^h	Honolulu 12 ^h , 135 E	Midway I. 12 ^h , 135 E	Dutch Harbor 12 ^h , 135 E	Kodlak 12 ^h , 135 E	
Hour of Observation																		
Atm. Pressure (Red to m.s.l. and Std. Gr.) mb.	17.3	20.4	20.3	20.2	09.7	09.1	06.7	06.6	13.6	13.2	10.6	12.6	09.9	15.9	25.4	90.2	84.1	
Air Temperature (in C)	21	15	14	13	29	30	29	30	26	22	33	26	32	22	-	1	6	
Direction and Force of Winds (0-12)	SW 2	SSE 2	E 2	NNW 2	ESE 3	NE 2	ENE 2	E 2	ENE 3	E 1	WSW 2	SE 4	ENE 3	E 3	NE 4	W 4	N 2	
Weather	cloudy	cloudy	cloudy	rain	fair	cloudy	fair	fair	cloudy	cloudy	fair	cloudy	clear	fair	clear	cloudy	cloudy	

洋氣象

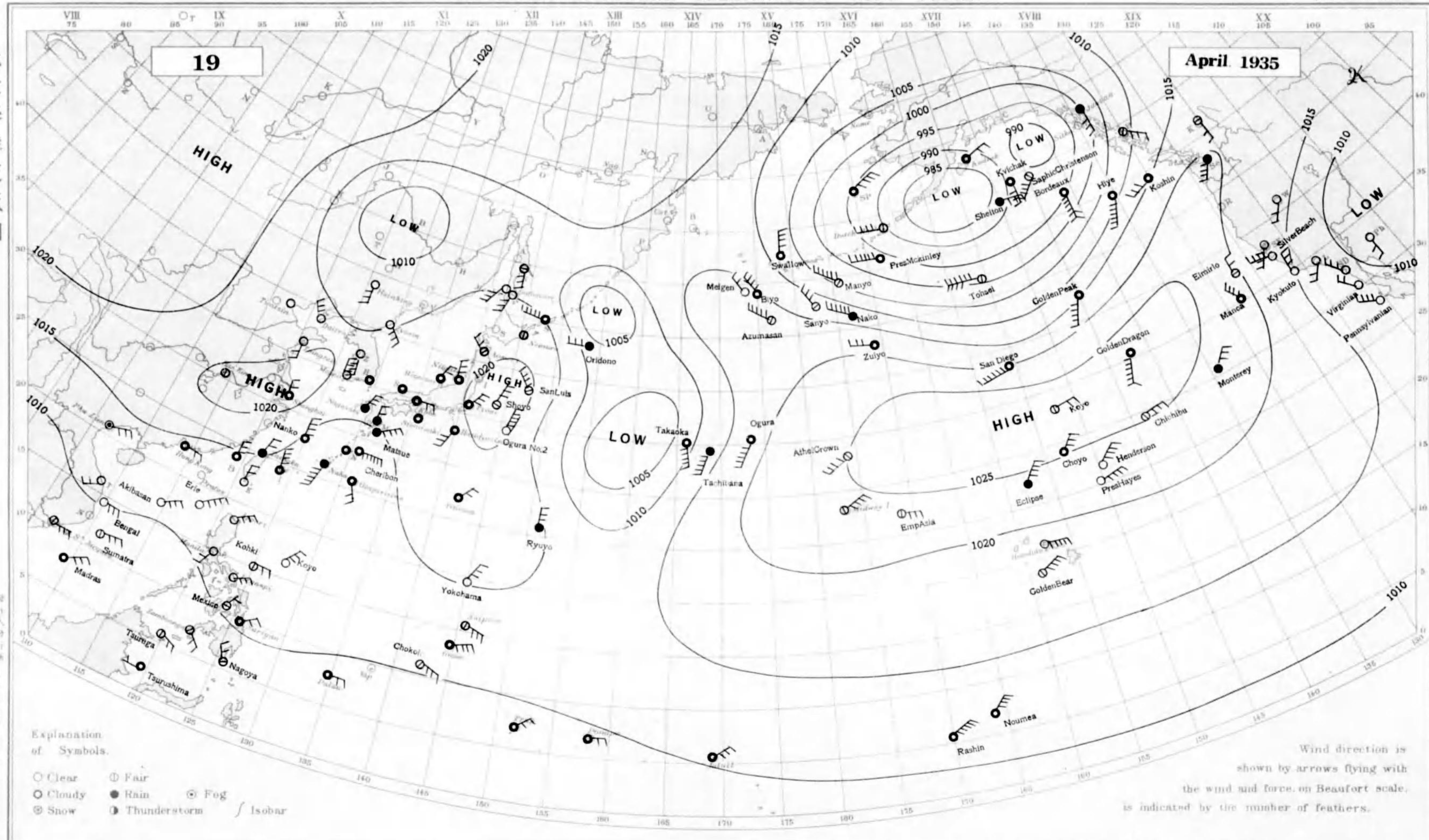
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 4492

北太平洋天氣圖



Explanation of Symbols.

- Clear
- Cloudy
- ⊙ Snow
- ⊙ Fair
- Rain
- ⊙ 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	Taihoiku	Naha	Oosagizima	Nagasaki	Siomasaki	Kobe	Tyōsi	Haridyōsuma	Tūzima	Wazama	Amori	Nemuro	Otomari	Moppo	Zyōsin	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 , 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.	16.6	10.3	11.5	18.1	16.6	16.4	20.0	18.4	15.7	17.2	19.1	17.1	14.9	18.1	14.0	15.9	11.3
Air Temperature (in C)	19	24	24	10	17	14	11	18	21	12	9	7	3	17	9	21	17
Direction and Force of Winds (0-12)	NNE 2	SSW 5	SSE 2	NE 3	- 1	E 2	NE 3	SW 3	NE 2	NE 2	NNW 2	- 1	SSW 3	N 3	SE 3	NW 3	S 3
Weather	rain	rain	cloudy	rain	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	fair	fair	clear	clear	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	7 ^h	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.	15.4	18.7	20.6	23.0	11.1	08.7	08.0	07.3	10.3	13.5	10.6	14.3	10.9	17.3	24.0	91.5	85.4
Air Temperature (in C)	24	17	15	18	28	31	31	30	27	21	35	24	29	22	-	2	4
Direction and Force of Winds (0-12)	- 1	S 2	N 2	calm	ESE 3	E 2	ENE 2	E 2	ENE 3	E 2	SW 2	ENE 3	NE 2	E 5	NE 4	W 4	NE 2
Weather	clear	clear	cloudy	fair	fair	cloudy	cloudy	cloudy	cloudy	cloudy	clear	cloudy	cloudy	clear	fair	fair	cloudy

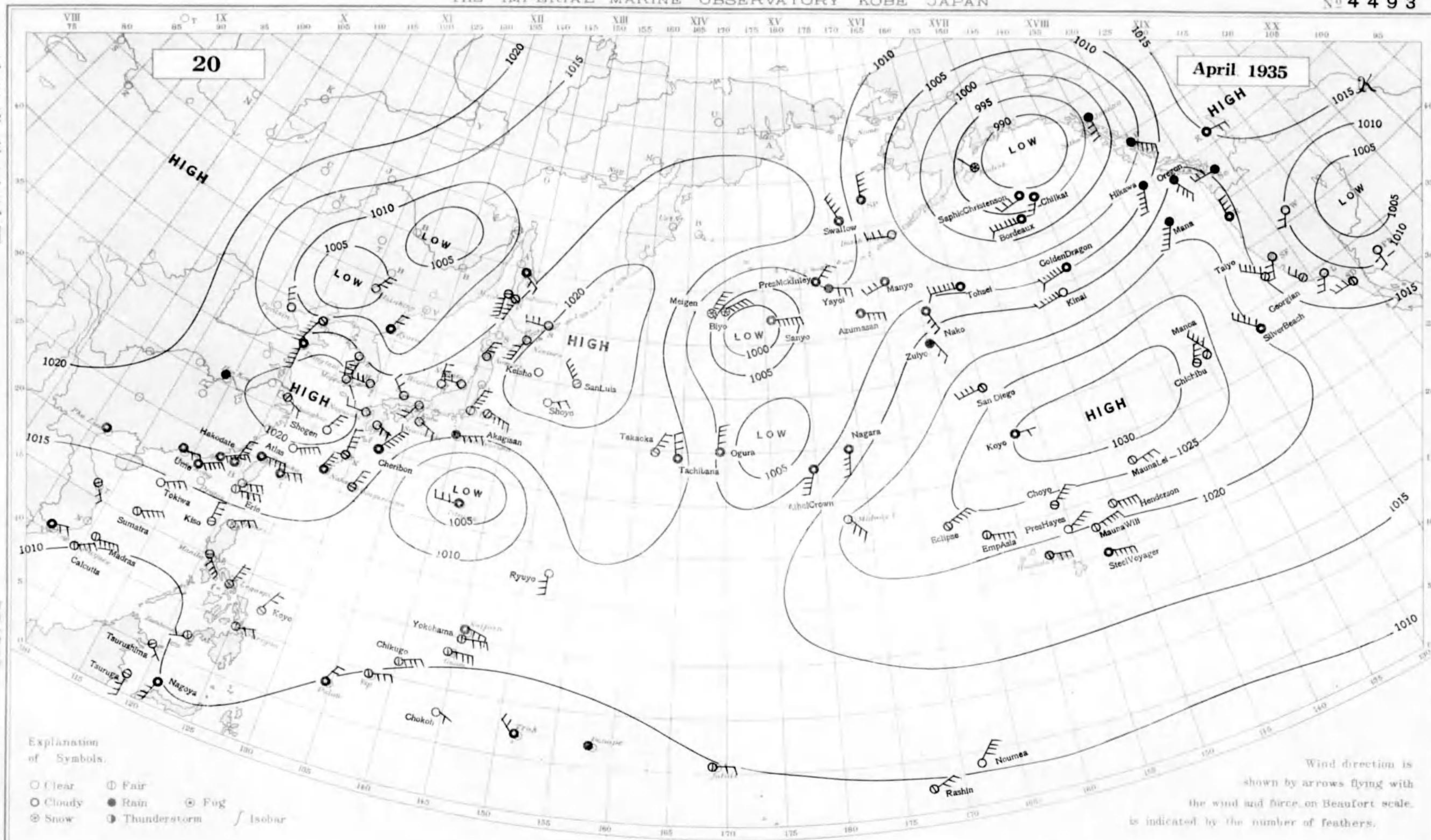
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4493

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	Taipei	Naha	Oosayozima	Nagasaki	Sumiyaki	Kobe	Tyōsi	Hatidyōsima	Tidzima	Wajima	Aomori	Nemuro	Oshima	Mopu	Zyōsin	Dairen	Hanking
Hour of Observation	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 137° 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 0r) mb.	17.7	17.0	15.7	19.8	16.7	17.2	18.3	16.8	03.9	18.1	18.4	19.3	15.0	20.4	09.1	10.3	04.3
Air Temperature (in C)	22	22	22	19	19	19	7	12	23	14	12	9	6	17	9	18	14
Direction and Force of Winds (0-12)	E 4	NNE 4	NNE 3	W 2	ESE 2	SW 2	NNE 5	ENE 4	W 3	N 3	NNE 3	SW 4	SSW 4	NNW 2	NE 2	SSW 8	NW 3
Weather	cloudy	cloudy	fair	clear	clear	clear	clear	rain	cloudy	clear	clear	clear	fair	clear	cloudy	fair	clear
Station	Tientsin	Tsingtau	Shanghai	Hankow	Saipan	Palau	Truk	Ponape	Jaluit	Hongkong	Manila	Phi-Lien	Surigao	Honolulu	Midway I.	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	12 ^h , 135° E	7 ^h	12 ^h , 135° E	8 ^h	10 ^h	11 ^h	10 ^h	14 ^h	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 0r) mb.	10.6	16.0	20.2	18.3	10.1	09.0	07.5	07.8	10.4	15.1	11.1	15.8	11.0	17.9	20.6	06.4	02.9
Air Temperature (in C)	27	17	17	15	29	29	30	29	28	20	33	23	30	22	-	1	1
Direction and Force of Winds (0-12)	NNW 3	S 5	ESE 2	calm	ESE 3	NNE 2	NW 2	- 1	E 2	ENE 2	SE 4	calm	ENE 2	E 3	SE 3	W 3	-
Weather	clear	cloudy	fair	rain	cloudy	cloudy	cloudy	rain	fair	cloudy	fair	cloudy	fair	fair	fair	cloudy	snow

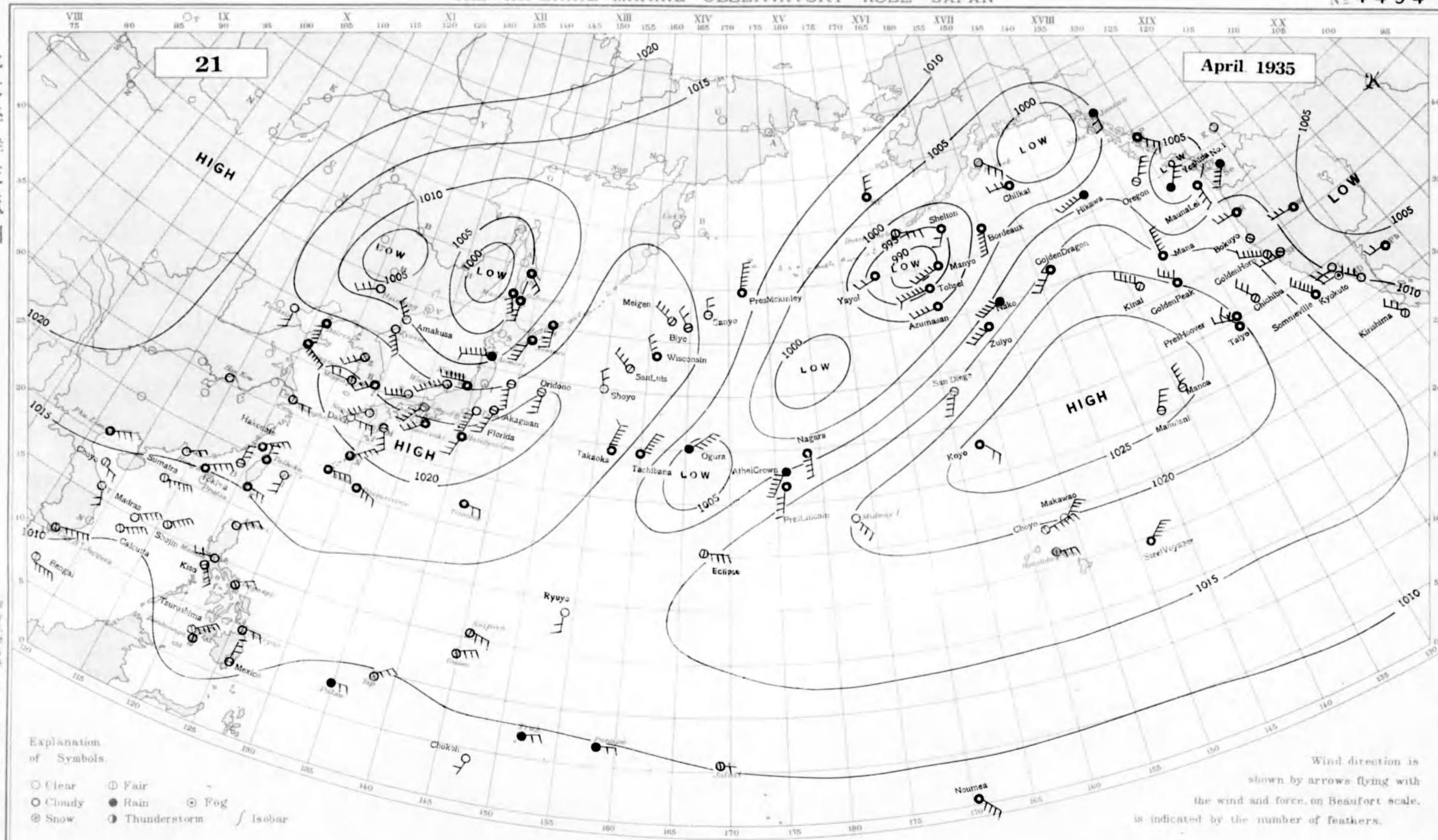
洋氣家

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No 4494

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	Simisaki	Kobe	Tyōsi	Hatidyōsima	Titizima	Wazima	Aomori	Nemoro	Otomari	Moppo	Zyōsin	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 , 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	18.0	18.3	21.1	20.8	19.9	17.5	21.6	18.3	15.9	07.7	11.9	05.3	20.3	13.0	19.5	09.5
Air Temperature (in C)	21	22	22	20	19	20	18	18	22	16	16	6	6	16	11	16	15
Direction and Force of Winds (0-12)	N 2	E 4	NE 4	SW 2	SW 3	SSW 4	SSW 6	SSW 3	E 2	SW 6	WSW 7	SW 5	S 3	W 2	SSE 5	S 5	SW 3
Weather	cloudy	cloudy	cloudy	clear	cloudy	clear	clear	cloudy	cloudy	fair	rain	cloudy	cloudy	fair	clear	cloudy	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	7 ^h	12 ^h , 135°E	8 ^h	10 ^h	14 ^h	10 ^h	14 ^h	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.	18.6	19.4	19.1	19.3	10.6	09.9	07.9	08.6	11.3	15.3	11.9	15.4	11.5	17.9	20.6	02.4	01.0
Air Temperature (in C)	22	15	19	18	29	26	28	28	27	19	34	23	32	22	-	2	8
Direction and Force of Winds (0-12)	S 2	ESE 6	E 2	- 1	ESE 3	E 2	ENE 2	E 2	E 1	NE 2	WSW 2	ENE 3	E 2	E 3	SE 3	E 3	SE 2
Weather	clear	fog	fair	clear	fair	rain	rain	rain	fair	clear	clear	cloudy	fair	fair	clear	fair	clear

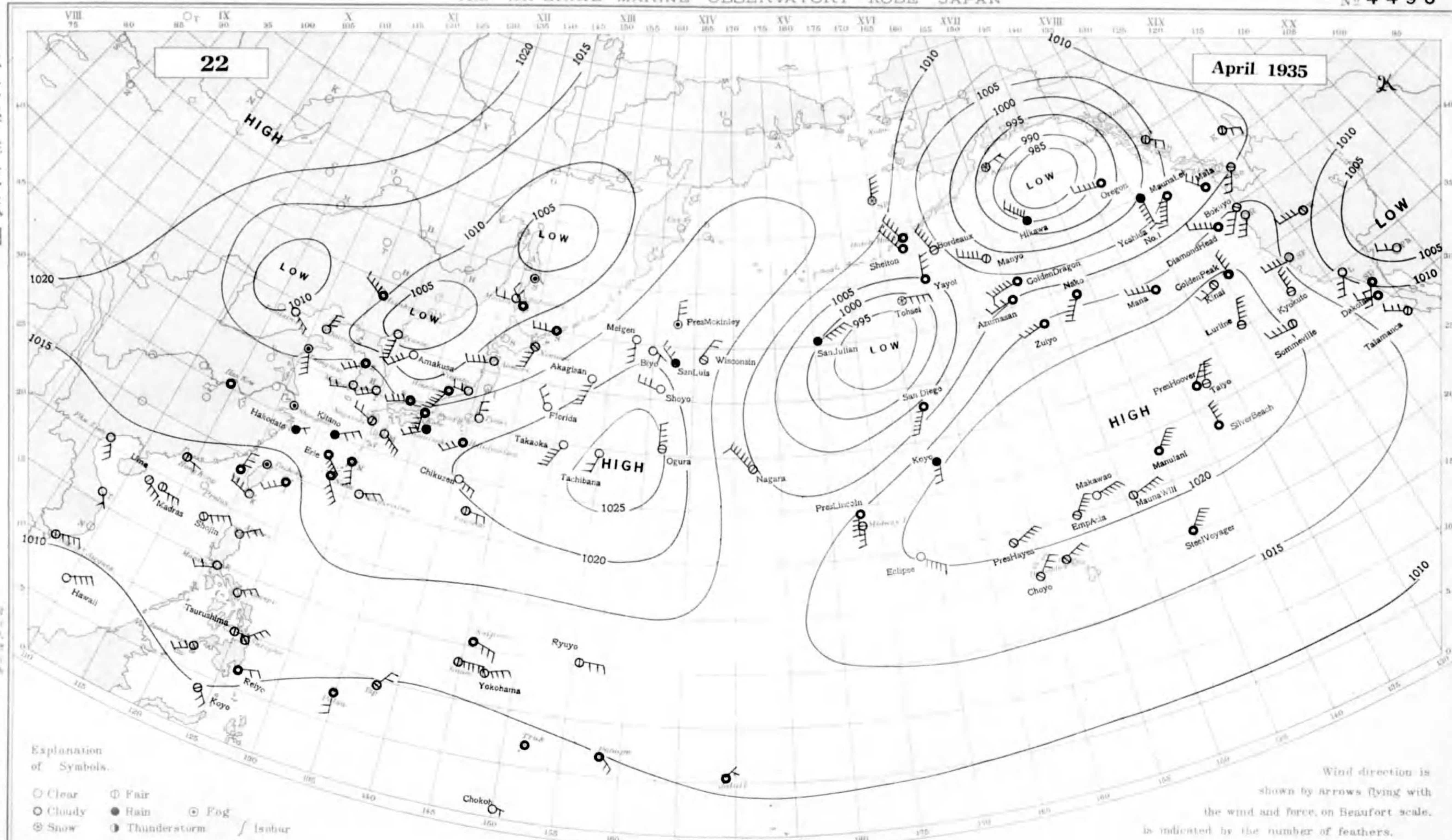
洋氣家

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No 4495

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.

洋氣象

Station	Tokoku 12° 135 E	Naha 12° 135 E	Oosurizama 12° 135 E	Nagasaki 12° 135 E	Simsaki 12° 135 E	Kobe 12° 135 E	Tyōsi 12° 135 E	Hatidyōama 12° 135 E	Tōtuzima 12° 135 E	Wajima 12° 135 E	Aomori 12° 135 E	Nemuro 12° 135 E	Otofuri 12° 135 E	Mopō 12° 135 E	Zyōsm 12° 135 E	Dairen 12° 135 E	Hanking 12° 135 E
Hour of Observation																	
Atm. Pressure (Red to m.s.l. and Std. 0r.)mb.	14.6	15.7	16.3	17.7	18.3	16.7	16.4	19.9	19.0	13.5	13.3	12.7	08.3	17.6	02.1	14.6	11.3
Air Temperature (in C)	25	23	24	23	19	20	15	20	24	20	17	12	7	18	18	18	11
Direction and Force of Winds (0-12)	-	SE 4	ENE 3	WNW 2	SW 3	S 3	N 2	SW 3	E 2	SW 6	WSW 4	SW 4	NW 2	WSW 2	S 5	NNE 3	WNW 4
Weather	fog	cloudy	clear	fair	rain	cloudy	clear	cloudy	fair	cloudy	clear	fair	cloudy	clear	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 7° 135 E	Ponape 12° 135 E	Jaduit 8°	Hongkong 10°	Manila 14°	Phu-Lien 10°	Surigao 14°	Honolulu 21° 155 W	Midway I. 30° 155 W	Dutch Harbor 58° 155 W	Kodiak 58° 155 W
Hour of Observation																	
Atm. Pressure (Red to m.s.l. and Std. 0r.)mb.	14.4	14.4	15.9	17.1	11.1	08.8	08.2	09.1	11.7	13.9	11.4	13.3	11.4	17.3	19.3	06.4	94.9
Air Temperature (in C)	25	16	17	19	29	28	28	29	25	21	33	28	32	22	-	2	2
Direction and Force of Winds (0-12)	ESE 3	SSE 4	calm	-	ESE 3	S 2	-	SE 2	NE 1	E 1	SW 2	SSE 3	NE 3	NE 3	S 4	NW 4	NE 2
Weather	clear	fog	fog	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	fair	clear	clear	clear	fair	fair	cloudy	snow

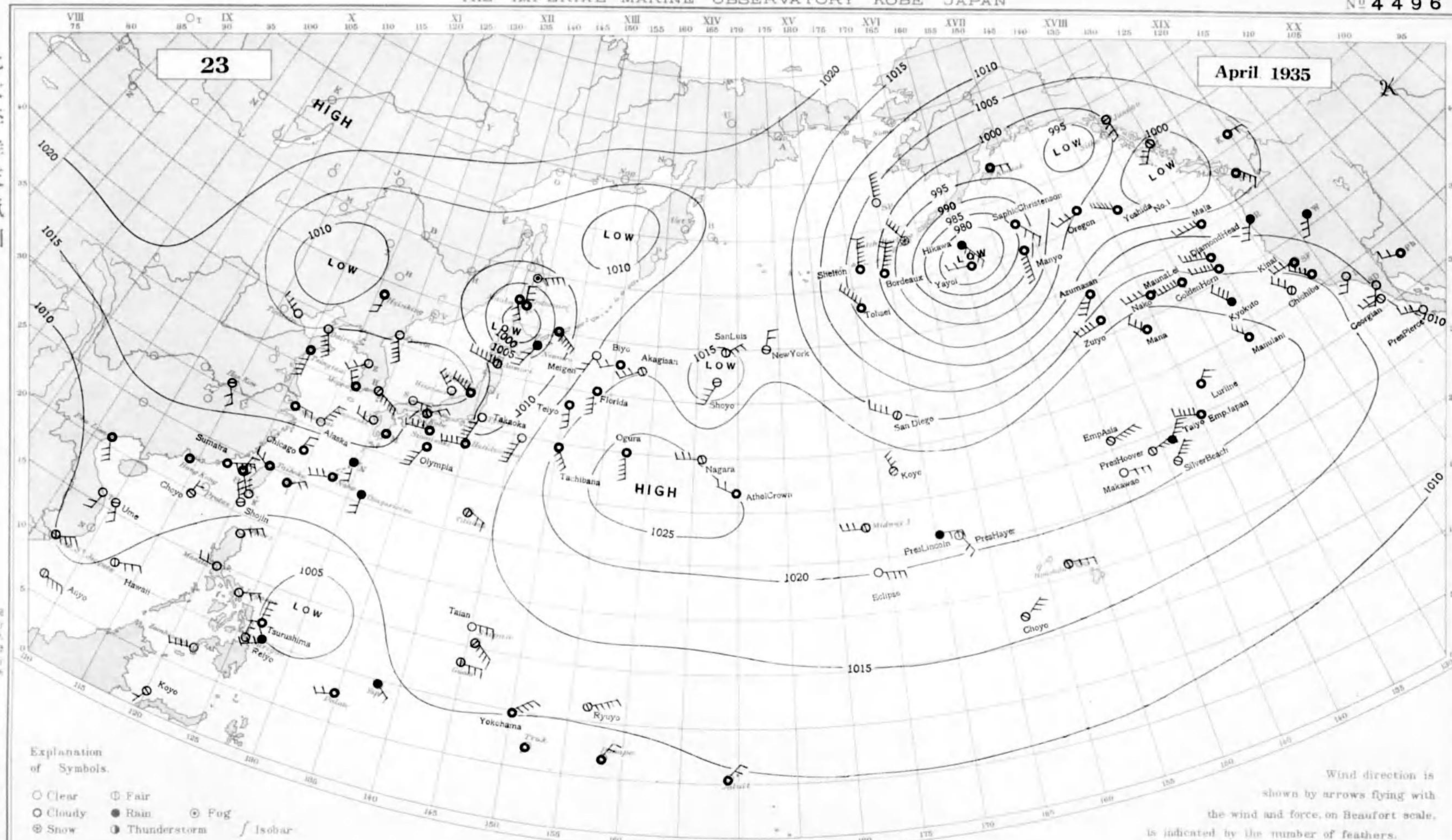
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 4496

北太平洋天氣圖



Explanation of Symbols.

- Clear
- ☁ Cloudy
- ⊙ Snow
- ⊕ Fair
- Rain
- ⊖ 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	Saimi	Onagurizima	Nagasaki	Simsaki	Kobe	Tyōsi	Haudyōsima	Titizima	Wazima	Aomori	Nemuro	Otonari	Moppo	Zyōsin	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 , 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 Gr. mb.	13.6	11.1	13.0	16.2	13.6	14.6	08.6	14.6	14.7	18.1	07.9	03.5	03.4	17.9	14.0	15.1	11.0
Air Temperature (in C)	23	23	23	24	20	21	19	20	25	13	11	6	5	19	11	15	18
Direction and Force of Winds (0-12)	WNW 2	WSW 3	S 2	WNW 2	W 4	NE 2	SSW 5	WSW 4	ESE 2	NW 3	WNW 6	SW 3	N 3	NW 2	SSE 5	SSE 5	S 2
Weather	cloudy	cloudy	rain	clear	cloudy	fair	clear	cloudy	fair	clear	fair	rain	cloudy	cloudy	clear	cloudy	cloudy
Station	Tientsin	Tsingtau	Shanghai	Hankow	Saipan	Palau	Truk	Ponape	Jaluit	Hongkong	Manila	Phi Lien	Surigao	Honolulu	Midway I.	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	7 ^h	12 ^h , 135 E	8 ^h	10 ^h	14 ^h	10 ^h	14 ^h	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E
Atm. Pressure (Red to sea) and Sea Gr. mb.	11.8	16.8	18.7	17.6	10.3	08.9	08.4	08.0	10.9	12.3	10.6	13.0	10.4	15.9	20.0	94.2	99.6
Air Temperature (in C)	21	11	19	22	29	28	29	29	27	22	33	27	28	21	-	1	6
Direction and Force of Winds (0-12)	WNW 3	S 4	E 2	SE 2	SE 4	WSW 2	- 1	NNE 2	NE 2	calm	W 2	SSE 3	N 2	E 3	W 3	NW 5	E 2
Weather	clear	fog	cloudy	fair	fair	cloudy	cloudy	cloudy	cloudy	cloudy	clear	cloudy	cloudy	fair	fair	snow	cloudy

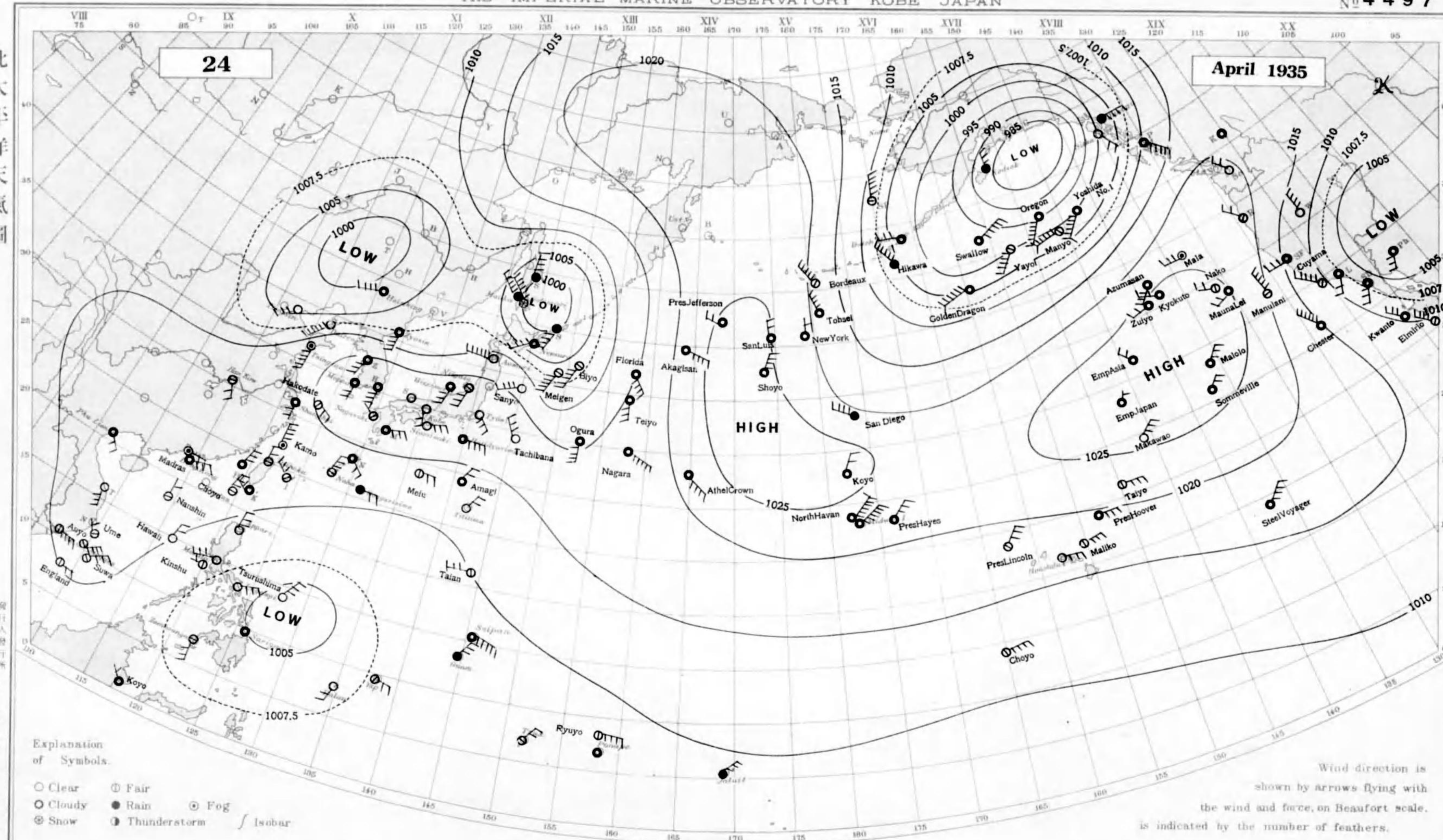
洋氣象台

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No. 4497

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	Siomi-saki	Kobe	Tyōsi	Hatidyōsima	Titizima	Wazima	Aomori	Nemuro	Ontonari	Moppo	Zyōsin	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 , 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.	13.2	10.0	11.1	15.3	16.2	16.3	17.0	16.4	13.5	15.1	10.7	02.0	99.0	16.2	05.1	08.3	01.5
Air Temperature (in C)	24	25	21	23	20	21	15	18	23	17	15	9	1	19	18	20	19
Direction and Force of Winds (0-12)	N 2	NNE 3	E 2	NW 2	ENE 3	SSE 2	SE 3	E 4	NE 2	SSW 3	W 6	WSW 4	NNW 7	S 2	S 4	SSW 6	WSW 4
Weather	fair	fair	rain	fair	clear	clear	clear	cloudy	clear	cloudy	clear	cloudy	snow	cloudy	cloudy	clear	cloudy
Station	Tientsan	Tsingtan	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	7 ^h	12 ^h , 135 E	8 ^h	10 ^h	14 ^h	10 ^h	14 ^h	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.	04.4	11.8	14.4	15.5	08.8	07.1	07.7	07.3	09.6	11.3	09.3	12.8	08.7	16.6	22.0	02.4	86.1
Air Temperature (in C)	29	14	20	24	29	30	29	27	27	22	32	25	26	22	-	0	3
Direction and Force of Winds (0-12)	SW 3	S 5	S 2	SSE 2	ESE 4	SSW 2	NE 2	- 1	ENE 3	E 2	WSW 3	SE 2	calm	E 3	NE 6	W 3	N 3
Weather	clear	fog	cloudy	fair	cloudy	clear	fair	cloudy	rain	fog	clear	cloudy	cloudy	clear	cloudy	cloudy	rain

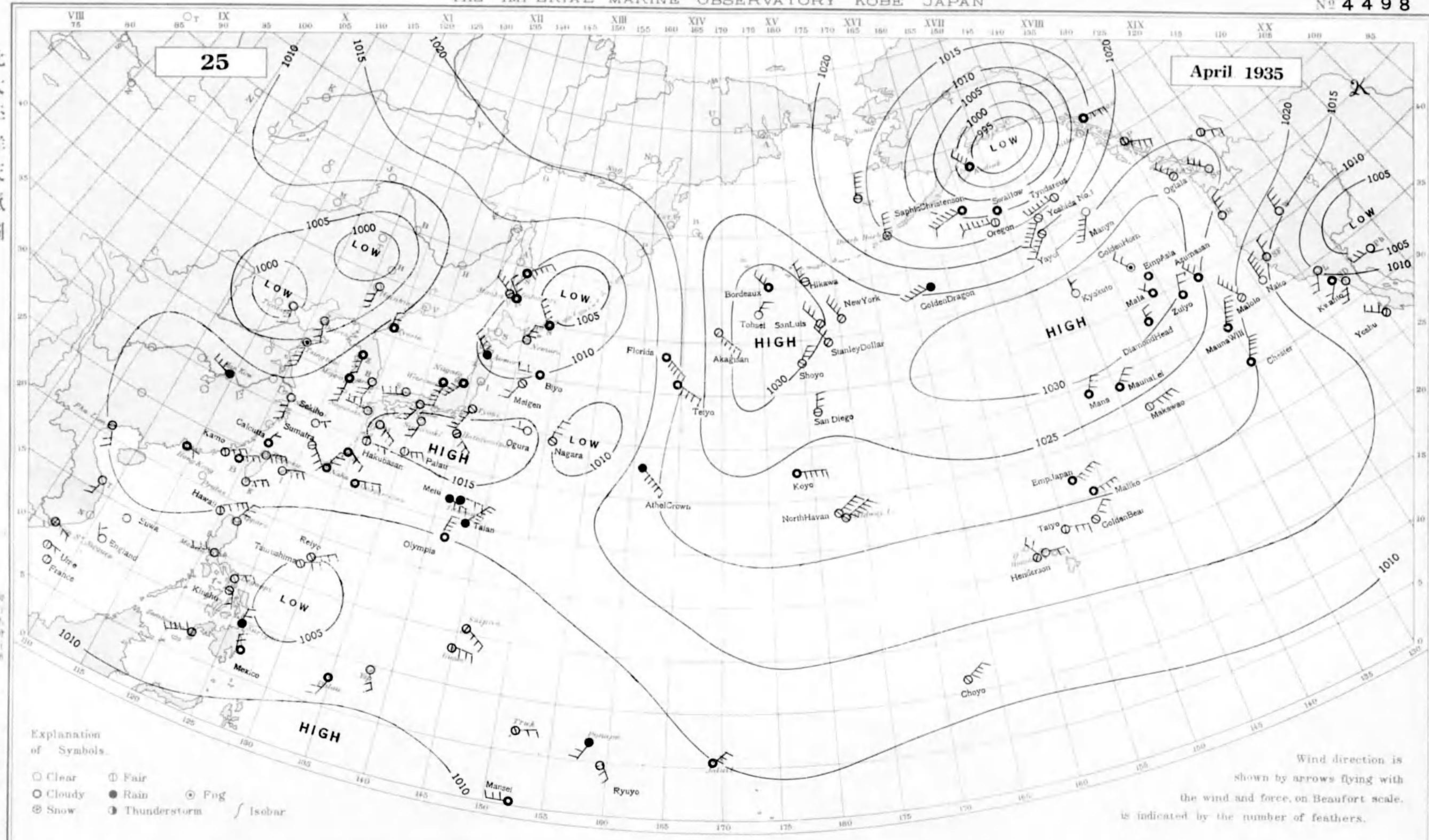
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DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No 4498

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

Station	Taihoku	Naha	Oougurizima	Nagasaki	Siomizaki	Kobe	Tyōsi	Hatidyōsuma	Titzima	Wazima	Aomori	Nemuro	Otomari	Moppo	Zyōsan	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 , 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 500 ft) mb.	11.4	11.0	10.7	14.7	15.0	14.0	12.7	15.1	12.7	11.1	09.6	09.6	09.9	13.1	10.3	04.6	02.3
Air Temperature (in C)	27	24	23	23	20	23	19	19	21	22	10	6	6	22	10	16	22
Direction and Force of Winds (0-12)	ENE 4	NNE 3	ENE 3	W 3	SSW 2	SSW 3	SSW 6	SE 3	E 2	SSW 6	NNW 4	NNE 3	NNW 3	S 3	N 2	SSE 3	S 2
Weather	clear	cloudy	cloudy	clear	clear	clear	fair	fair	rain	cloudy	rain	clear	cloudy	cloudy	cloudy	clear	clear
Station	Tientsin	Tsingtau	Shanghai	Hankow	Saipan	Palau	Truk	Ponape	Jaluit	Hongkong	Manila	Phi-Lien	Surigao	Honolulu	Midway I.	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	7 ^h	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 500 ft) mb.	99.7	06.6	11.7	13.0	07.8	08.2	07.0	06.9	10.4	10.4	09.0	10.7	08.8	16.6	22.0	13.2	96.3
Air Temperature (in C)	32	18	25	20	28	28	30	26	28	22	34	28	26	22	-	0	8
Direction and Force of Winds (0-12)	S 3	S 5	S 3	WNW 3	SE 3	SSW 2	ENE 2	SSW 2	NE 1	E 1	WSW 3	SSE 2	N 2	E 2	NE 5	N 4	NW 3
Weather	clear	fog	clear	rain	fair	cloudy	fair	rain	cloudy	cloudy	clear	fair	rain	clear	fair	snow	cloudy

洋氣象

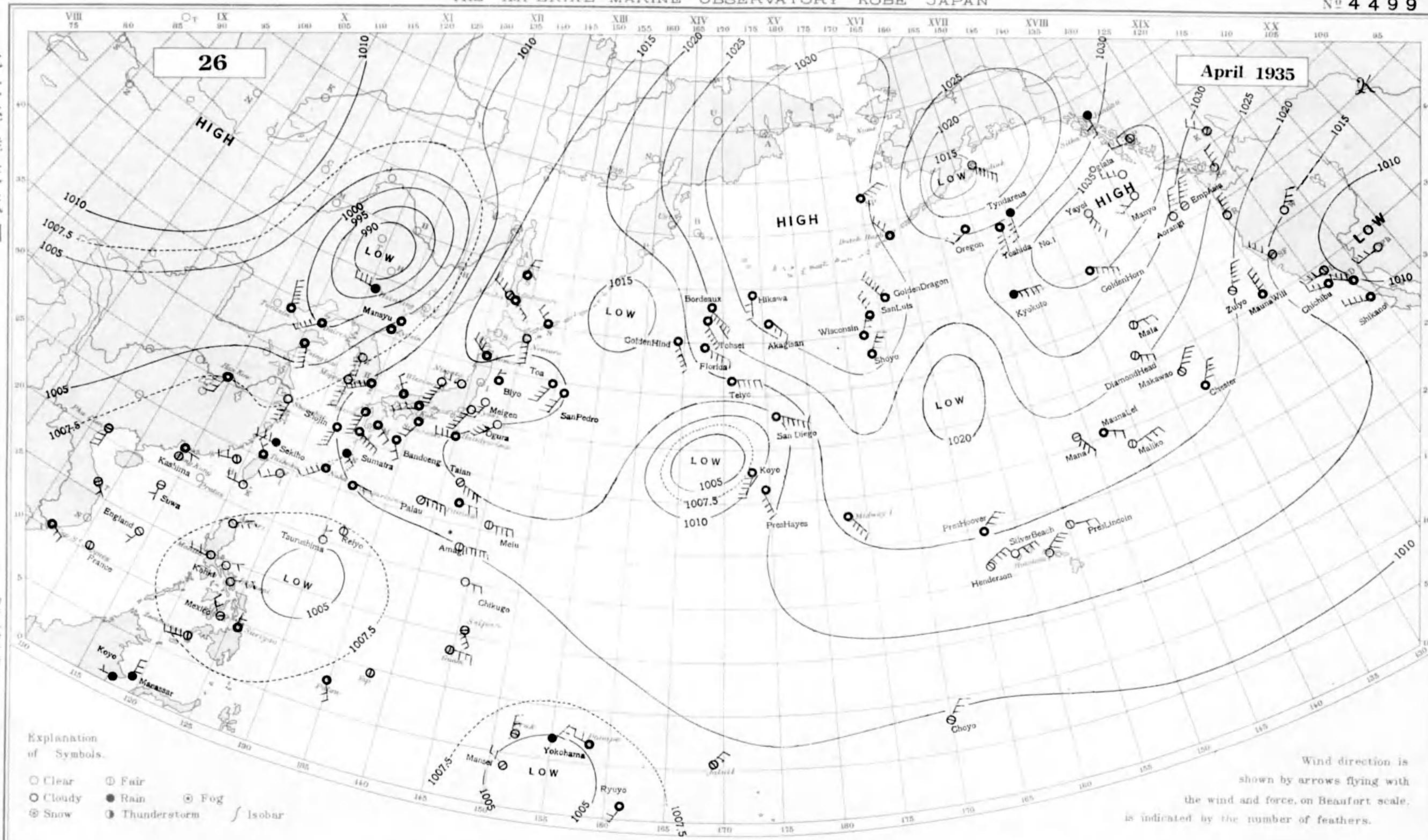
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 4499

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 12 ^h , 135E	Naha 12 ^h , 135E	Osagarizima 12 ^h , 135E	Nagasaki 12 ^h , 135E	Sionaki 12 ^h , 135E	Kobe 12 ^h , 135E	Tyōsi 12 ^h , 135E	Hachiyōsima 12 ^h , 135E	Tsuzima 12 ^h , 135E	Wajima 12 ^h , 135E	Aomori 12 ^h , 135E	Nemuro 12 ^h , 135E	Ootomari 12 ^h , 135E	Moppe 12 ^h , 135E	Zyōsin 12 ^h , 135E	Dairen 12 ^h , 135E	Hsinking 12 ^h , 135E
Hour of Observation																	
Atm. Pressure (Red to m.s.l. and Std. Gr.) mb.	08.6	09.0	10.0	11.5	14.6	13.6	14.1	17.1	13.9	13.2	15.1	16.3	16.6	09.0	05.6	97.7	93.5
Air Temperature (in C)	27	25	25	22	21	22	19	21	24	25	11	9	6	22	9	18	9
Direction and Force of Winds (0-12)	NW 2	SW 4	E 2	SSW 5	SW 2	SW 3	SSW 5	WSW 3	E 2	SSW 3	NW 3	S 4	SE 4	S 5	- 1	SW 5	W 4
Weather	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	clear	cloudy	cloudy	clear	cloudy	clear	cloudy	fair	cloudy	cloudy	rain
Station	Tientsin 12 ^h , 135E	Tsingtau 12 ^h , 135E	Shanghai 12 ^h , 135E	Hankow 12 ^h , 135E	Saipan 12 ^h , 135E	Palau 12 ^h , 135E	Truk 7 ^h	Pompe 12 ^h , 135E	Jaluit 8 ^h	Hongkong 10 ^h	Manila 14 ^h	Phu Lien 10 ^h	Surigao 14 ^h	Honolulu 12 ^h , 135E	Midway I. 12 ^h , 135E	Dutch Harbor 12 ^h , 135E	Kodiak 12 ^h , 135E
Hour of Observation																	
Atm. Pressure (Red to m.s.l. and Std. Gr.) mb.	04.6	01.2	07.5	07.8	07.9	07.9	07.3	06.1	11.7	09.2	08.3	08.4	08.6	16.6	21.3	27.4	17.3
Air Temperature (in C)	13	16	22	23	29	28	30	28	27	22	33	29	23	22	-	1	6
Direction and Force of Winds (0-12)	NNW 6	SSE 5	S 3	SSW 3	SSE 3	SSE 3	N 2	WNW 2	NE 2	E 1	W 2	S 3	N 1	NE 4	SE 4	NW 3	SE 6
Weather	cloudy	fog	clear	cloudy	fair	cloudy	fair	cloudy	fair	cloudy	clear	fair	cloudy	clear	cloudy	cloudy	clear

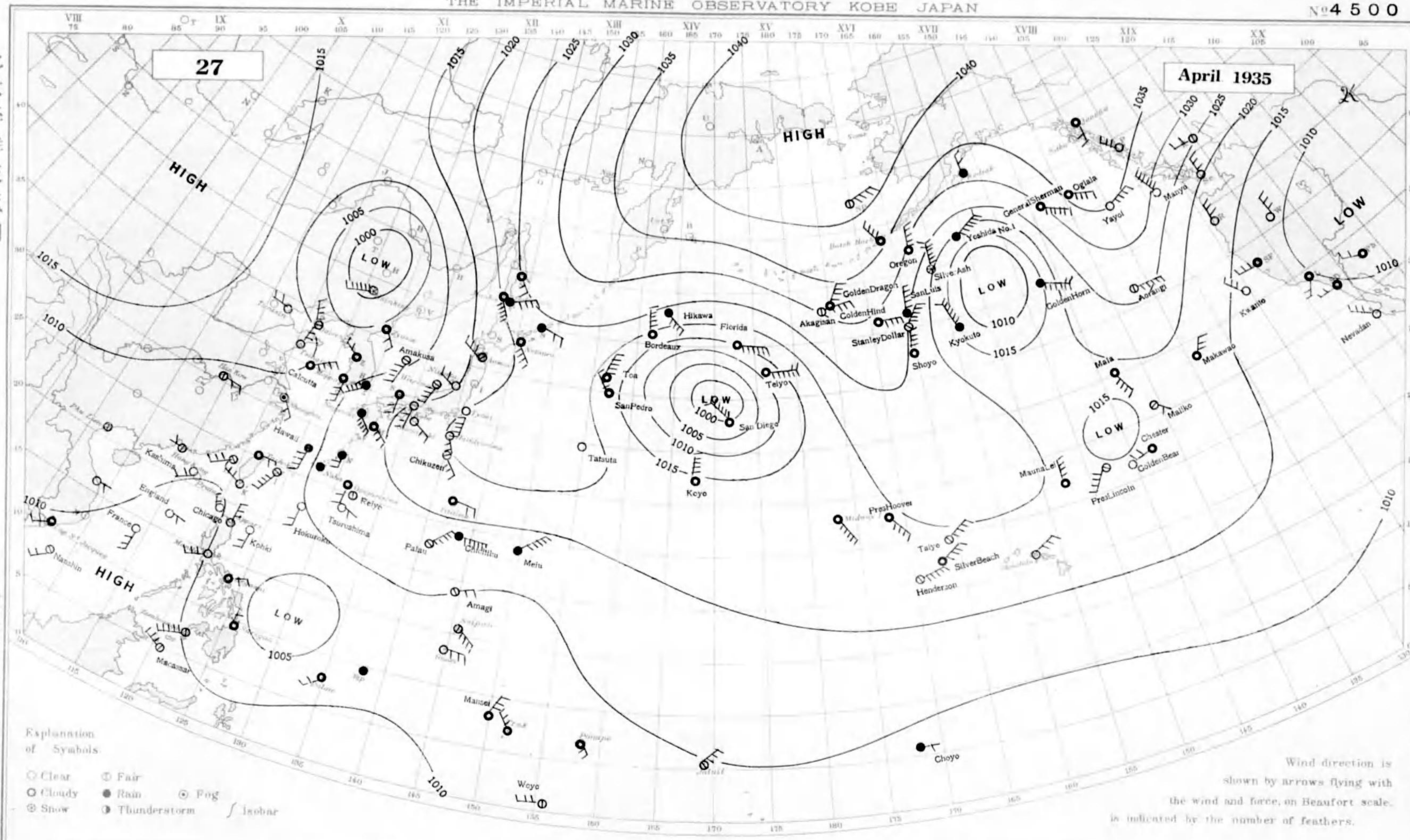
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DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No. 4500

北太平洋天氣圖



日本海
東海
南海
太平洋

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	Taiho	Naha	Ogasawara	Nagasaki	Stomtsaki	Kobe	Tyosi	Haidyosima	Tiritima	Wajima	Aomori	Nemuro	Otomari	Noppor	Zyosin	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 , 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 593.4 in. Hg)	06.3	11.5	11.5	11.8	17.9	16.3	20.0	20.4	16.4	13.7	16.7	22.9	22.9	09.6	07.8	09.1	99.4
Air Temperature (in C)	28	22	26	19	21	22	21	20	24	26	13	7	1	22	6	14	2
Direction and Force of Winds (0-12)	E 2	NE 2	S 2	SE 5	ESE 2	S 4	S 5	SSE 3	E 2	SSW 4	NW 3	SSE 4	ENE 4	S 3	SSE 2	NNW 5	WSW 6
Weather	cloudy	rain	cloudy	rain	clear	clear	clear	fair	cloudy	fair	fair	cloudy	rain	cloudy	cloudy	fair	snow
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	7 ^h	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 593.4 in. Hg)	10.9	10.7	09.0	07.9	09.1	08.8	06.7	06.7	10.7	07.4	07.9	07.9	08.0	16.6	18.6	36.2	33.5
Air Temperature (in C)	16	17	23	26	28	26	23	30	29	26	34	28	28	22	-	-1	3
Direction and Force of Winds (0-12)	W 2	NNE 3	SE 2	E 2	SE 4	SW 2	NNW 3	SSE 2	NE 3	W 1	WSW 3	calm	N 1	NE 3	SE 5	NW 4	N 2
Weather	clear	cloudy	fog	fair	fair	cloudy	cloudy	cloudy	fair	fair	clear	fair	cloudy	clear	cloudy	cloudy	rain

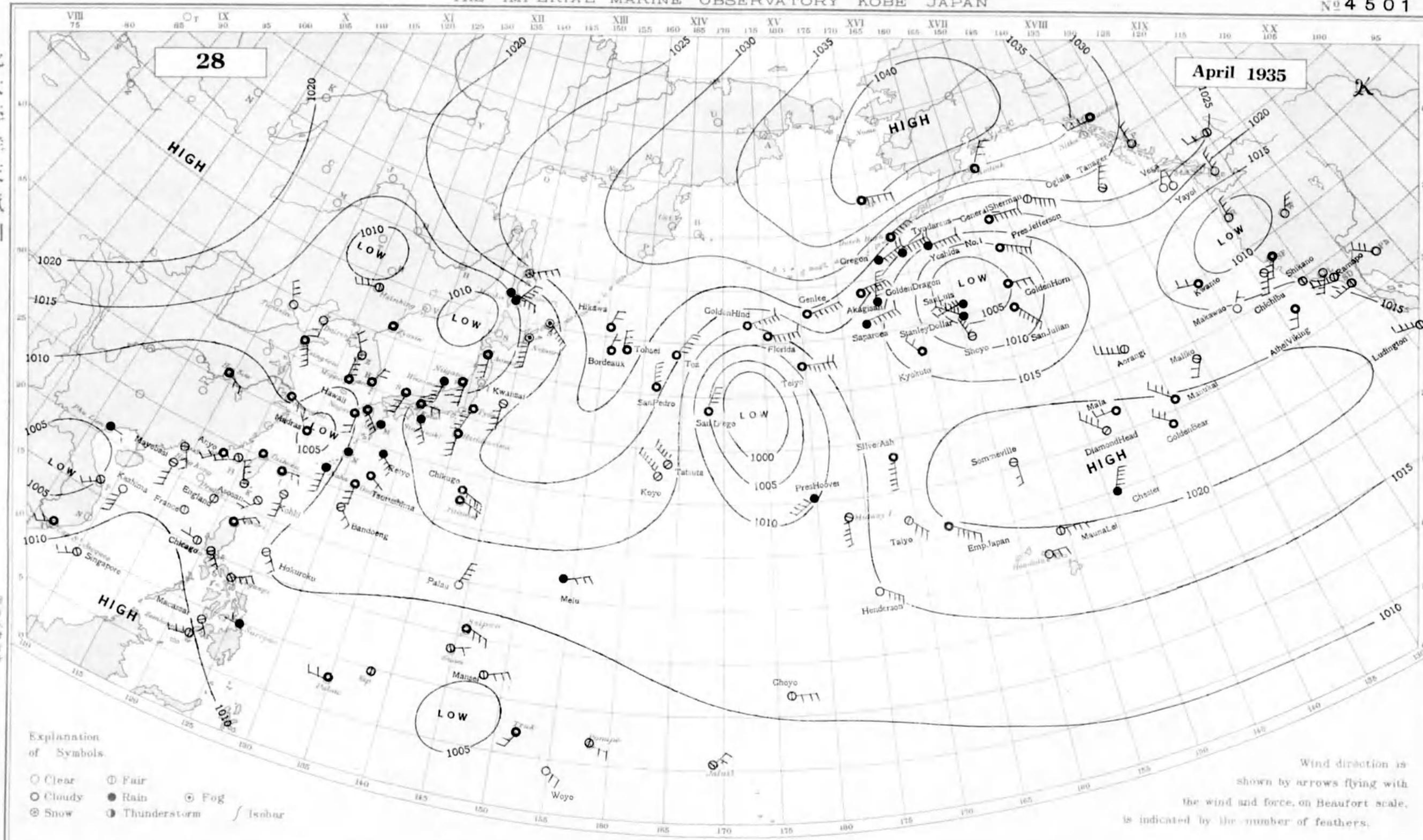
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No. 4501

北太平洋天氣圖



Explanation of Symbols

- Clear
- ☉ Fair
- ☁ Cloudy
- Rain
- ☉ Fog
- ⊖ Snow
- ⚡ Thunderstorm
- Isobar

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

Station	Taihoku 12°N, 135°E	Naha 12°N, 135°E	Oongarizima 12°N, 135°E	Nagasaki 12°N, 135°E	Siomi saki 12°N, 135°E	Kobe 12°N, 135°E	Tyōsi 12°N, 135°E	Haidyōsima 12°N, 135°E	Titizima 12°N, 135°E	Wazima 12°N, 135°E	Aomori 12°N, 135°E	Nemuro 12°N, 135°E	Otofunari 12°N, 135°E	Mopu 12°N, 135°E	Zyōwa 12°N, 135°E	Dairen 12°N, 135°E	Hsinking 12°N, 135°E	
Hour of Observation																		
Atm. Pressure (Red to sea level and Steel Gr) (mb)	08.6	08.7	11.4	10.7	17.0	15.7	18.1	19.7	16.8	12.3	12.6	15.0	15.0	11.7	14.3	13.2	12.6	
Air Temperature (in °C)	29	25	25	20	19	19	19	20	24	23	16	6	1	19	8	20	9	
Direction and Force of Winds (0-12)	1	S 4	S 3	SE 5	SSE 3	E 2	SSW 5	S 3	ESE 2	SSW 5	S 3	S 5	NE 5	N 4	- 1	S 2	WSW 3	
Weather	cloudy	rain	cloudy	cloudy	rain	cloudy	cloudy	cloudy	cloudy	rain	cloudy	fog	rain	cloudy	cloudy	clear	fair	
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 7°N	Ponape 12°N, 135°E	Jaluit 8°N	Hongkong 10°N	Manila 13°N	Phu-Lien 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 level and Steel Gr) (mb)	12.4	13.7	11.0	09.7	09.1	08.2	05.5	06.1	09.9	07.3	07.5	07.7	08.6	17.3	11.8	26.1	38.2	
Air Temperature (in °C)	24	15	18	23	28	29	29	31	30	27	35	23	26	23	3	3	4	
Direction and Force of Winds (0-12)	NNW 3	SSE 4	ESE 2	ESE 2	ESE 3	W 2	SW 2	ESE 2	NE 2	SSE 2	SE 3	E 2	W 1	E 2	S 5	NE 5	NE 3	
Weather	clear	cloudy	cloudy	cloudy	cloudy	cloudy	cloudy	fair	fair	fair	fair	rain	rain	clear	fair	cloudy	cloudy	

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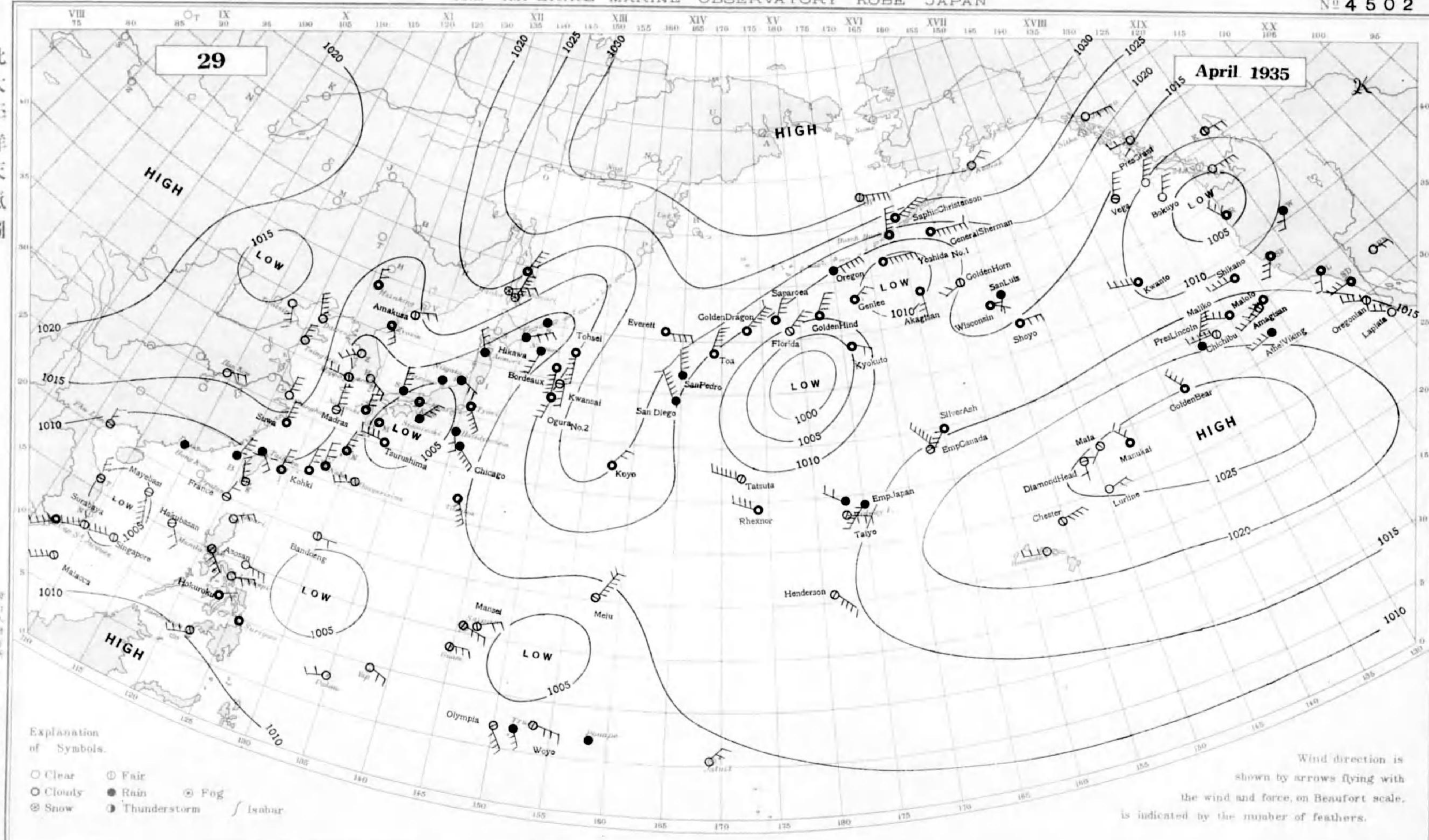
DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 4502

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.

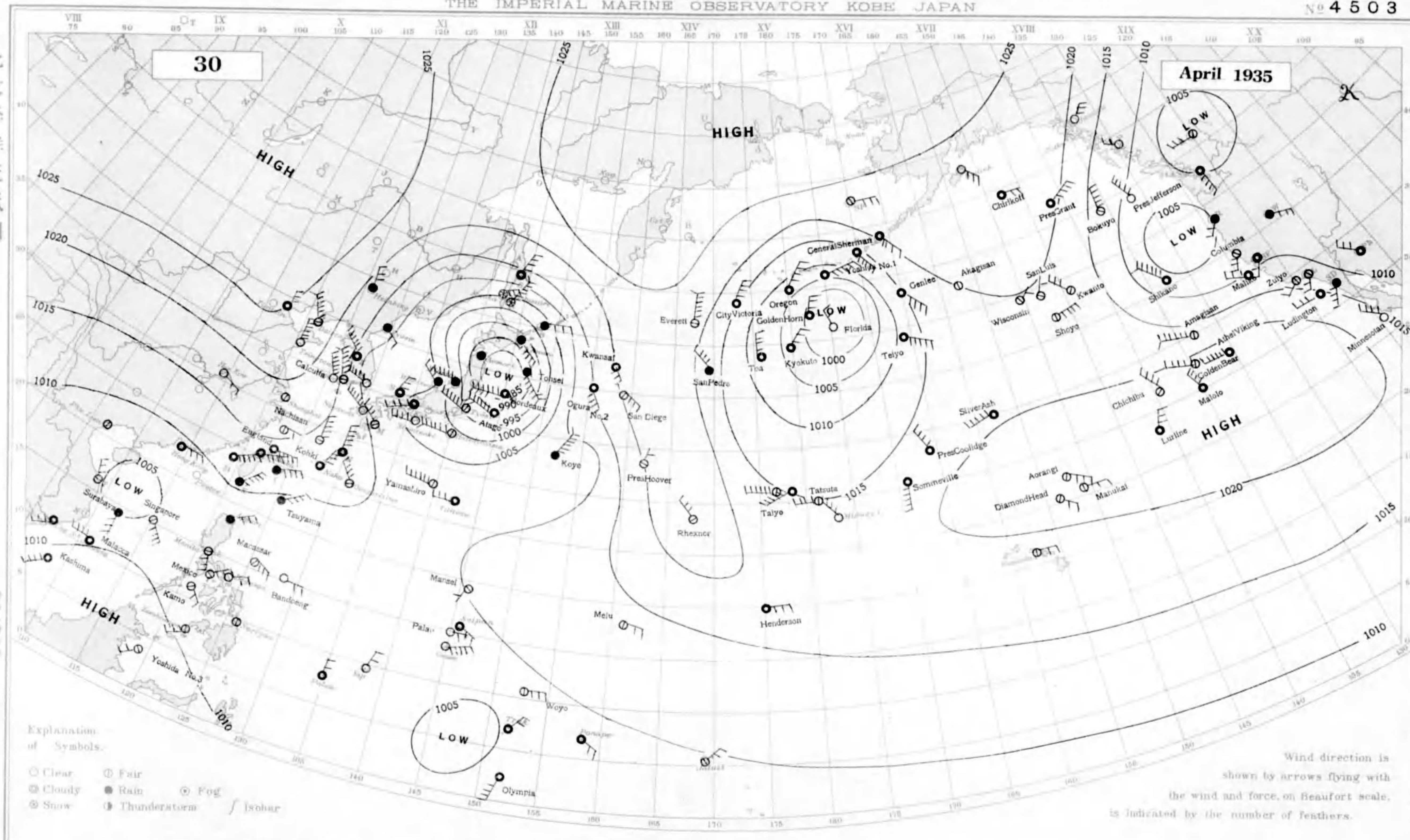
Station	Taihoku 12 ^h , 135 E	Naha 12 ^h , 135 E	Oongorizimo 12 ^h , 135 E	Naga-suki 12 ^h , 135 E	Siemi-saki 12 ^h , 135 E	Kobe 12 ^h , 135 E	Tyōsi 12 ^h , 135 E	Hatidyōsima 12 ^h , 135 E	Titizima 12 ^h , 135 E	Wazima 12 ^h , 135 E	Aomori 12 ^h , 135 E	Nemuro 12 ^h , 135 E	Ootomari 12 ^h , 135 E	Moppe 12 ^h , 135 E	Zyōsin 12 ^h , 135 E	Dairen 12 ^h , 135 E	Hsinking 12 ^h , 135 E
Atm. Pressure (Red to sea and Std. Gr.) mb.	11.7	08.6	07.4	06.6	03.3	04.6	08.7	06.7	09.9	05.0	06.7	07.8	15.4	11.4	13.6	15.9	14.6
Air Temperature (in C)	23	25	27	17	17	21	18	17	24	17	11	4	0	19	7	13	7
Direction and Force of Winds (0-12)	SE 2	N 3	WSW 3	N 3	NE 4	- 1	SSW 5	SSE 2	SSE 5	- 1	NNW 2	ENE 3	NNE 6	W 2	SSE 3	NNW 5	N 2
Weather	rain	cloudy	fair	cloudy	rain	cloudy	cloudy	rain	cloudy	rain	rain	rain	snow	fair	fog	clear	cloudy
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 7 ^h	Ponape 12 ^h , 135 E	daitūt 8 ^h	Hongkong 10 ^h	Manila 14 ^h	Phu-Lien 10 ^h	Surigao 14 ^h	Honolulu 12 ^h , 135 E	Midway I. 12 ^h , 135 E	Dutch Harbor 12 ^h , 135 E	Kodiak 12 ^h , 135 E
Atm. Pressure (Red to sea and Std. Gr.) mb.	17.2	14.6	16.2	16.2	07.8	08.7	06.1	06.1	10.1	08.0	07.0	07.8	07.7	19.3	11.8	21.3	30.8
Air Temperature (in C)	21	19	20	25	29	30	27	26	30	23	36	28	28	23	-	7	9
Direction and Force of Winds (0-12)	SSE 3	N 3	N 3	ENE 2	ESE 3	WSW 2	SSE 3	- 1	NE 2	calm	SE 4	N 2	calm	E 2	SW 2	N 5	NE 2
Weather	clear	clear	clear	clear	fair	clear	rain	rain	clear	rain	fair	fair	cloudy	clear	rain	cloudy	clear

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

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

No. 4503

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 12° 135 E	Saha 12° 135 E	Osagarizima 12° 135 E	Nagasaki 12° 135 E	Simsuaki 12° 135 E	Kobe 12° 135 E	Tyōsū 12° 135 E	Hatidyōsima 12° 135 E	Titizima 12° 135 E	Wakana 12° 135 E	Aomori 12° 135 E	Nemuro 12° 135 E	Otomari 12° 135 E	Mopu 12° 135 E	Zyōsū 12° 135 E	Dairen 12° 135 E	Hsinking 12° 135 E
Hour of Observation																	
Atm. Pressure (Red to sea level and 300 ft) mb.	14.0	14.3	12.7	12.0	02.6	04.4	93.9	00.2	08.4	05.2	88.6	93.9	04.3	14.9	12.3	20.3	18.3
Air Temperature (in C)	22	23	25	16	18	15	17	17	25	8	7	7	0	12	8	9	4
Direction and Force of Winds (0-12)	ENE 5	NE 4	NNW 4	NW 6	W 4	WSW 4	WNW 5	W 7	W 3	NW 3	- 1	SE 5	NE 7	NNW 7	SE 2	NNW 7	N 3
Weather	cloudy	cloudy	fair	clear	clear	fair	fair	fair	cloudy	rain	rain	rain	snow	fair	rain	fair	rain
Station	Tientsin 12° 135 E	Tsingtau 12° 135 E	Shanghai 12° 135 E	Hankow 12° 135 E	Saipan 12° 135 E	Palau 12° 135 E	Truk 12° 135 E	Ponape 12° 135 E	Jaluit 10°	Hongkong 10°	Manila 10°	Phi Lien 10°	Surigao 14°	Honolulu 19° 155 E	Midway I. 19° 155 E	Dutch Harbor 19° 155 E	Kodiak 19° 155 E
Hour of Observation																	
Atm. Pressure (Red to sea level and 300 ft) mb.	25.0	21.2	17.2	16.0	08.8	09.6	08.0	08.7	11.5	09.0	07.4	09.1	08.0	19.3	13.9	20.0	21.3
Air Temperature (in C)	16	14	21	25	29	30	29	28	29	21	33	28	29	23	6	6	10
Direction and Force of Winds (0-12)	N 3	N 6	- 1	ESE 2	SE 2	N 2	NE 2	SE 2	ENE 2	E 3	SSE 3	calm	calm	E 2	NW 4	SE 3	SE 3
Weather	fog	clear	fair	clear	cloudy	cloudy	cloudy	cloudy	fair	cloudy	fair	fair	fair	fair	clear	cloudy	clear

DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

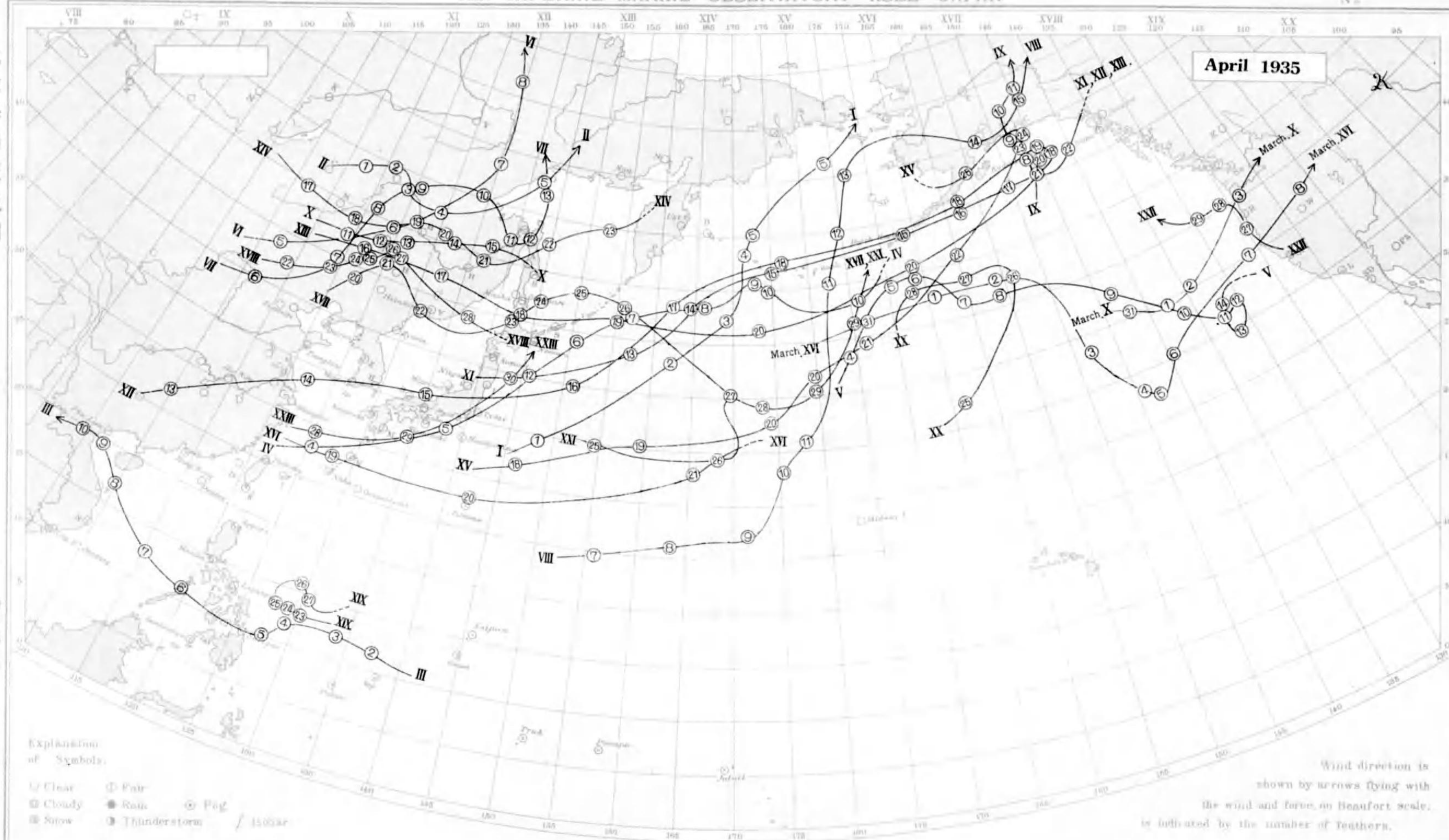
(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

N 9

Appendix; Tracks of Cyclones

北太平洋天氣圖



Explanation of Symbols.

- ☉ Clear
- ☁ Cloudy
- ☂ Rain
- ☃ Snow
- ☉ Fair
- ☁ Fog
- ☄ Thunderstorm

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

Station	Taihoku	Naha	Osaka	Nagasaki	Simisaki	Kobe	Tyōto	Haidyōjima	Tokushima	Wakana	Aomori	Nemuro	Dotonari	Mopu	Zyōsin	Dairen	Hanking
Hour of Observation	12 ^h , 1245	12 ^h , 1400	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 145 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	10 ^h , 135 E	10 ^h , 135 E	10 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E
Air Pressure (Red to sea and Blue to land)																	
Air Temperature (in F)																	
Direction and Force of Winds (0-12)																	
Weather																	
Station	Tientsin	Twington	Shanghai	Hankow	Saipan	Palau	Truk	Ponape	daiyū	Hongkong	Munlu	Pu Loo	Surigao	Honolulu	Midway I.	Dutch Harbor	Kodiak
Hour of Observation	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	12 ^h , 135 E	10 ^h	14 ^h	10 ^h	14 ^h	10 ^h	10 ^h	10 ^h	10 ^h
Air Pressure (Red to sea and Blue to land)																	
Air Temperature (in F)																	
Direction and Force of Winds (0-12)																	
Weather																	

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