# 北太平洋天氣圖

昭和五年十二月

神戶

海洋氣象臺

# DAILY WEATHER CHARTS

OF THE

# NORTH PACIFIC OCEAN.

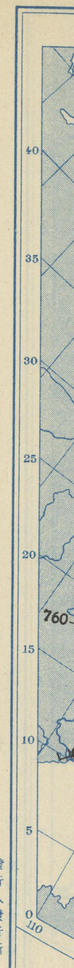
DECEMBER

1930

THE IMPERIAL MARINE OBSERVATORY,

KOBE, JAPAN.

寄贈
6.7.10
帝國圖書館




發行人發行所
印刷人販賣所
神戶市中山手通七丁目
海洋氣象臺

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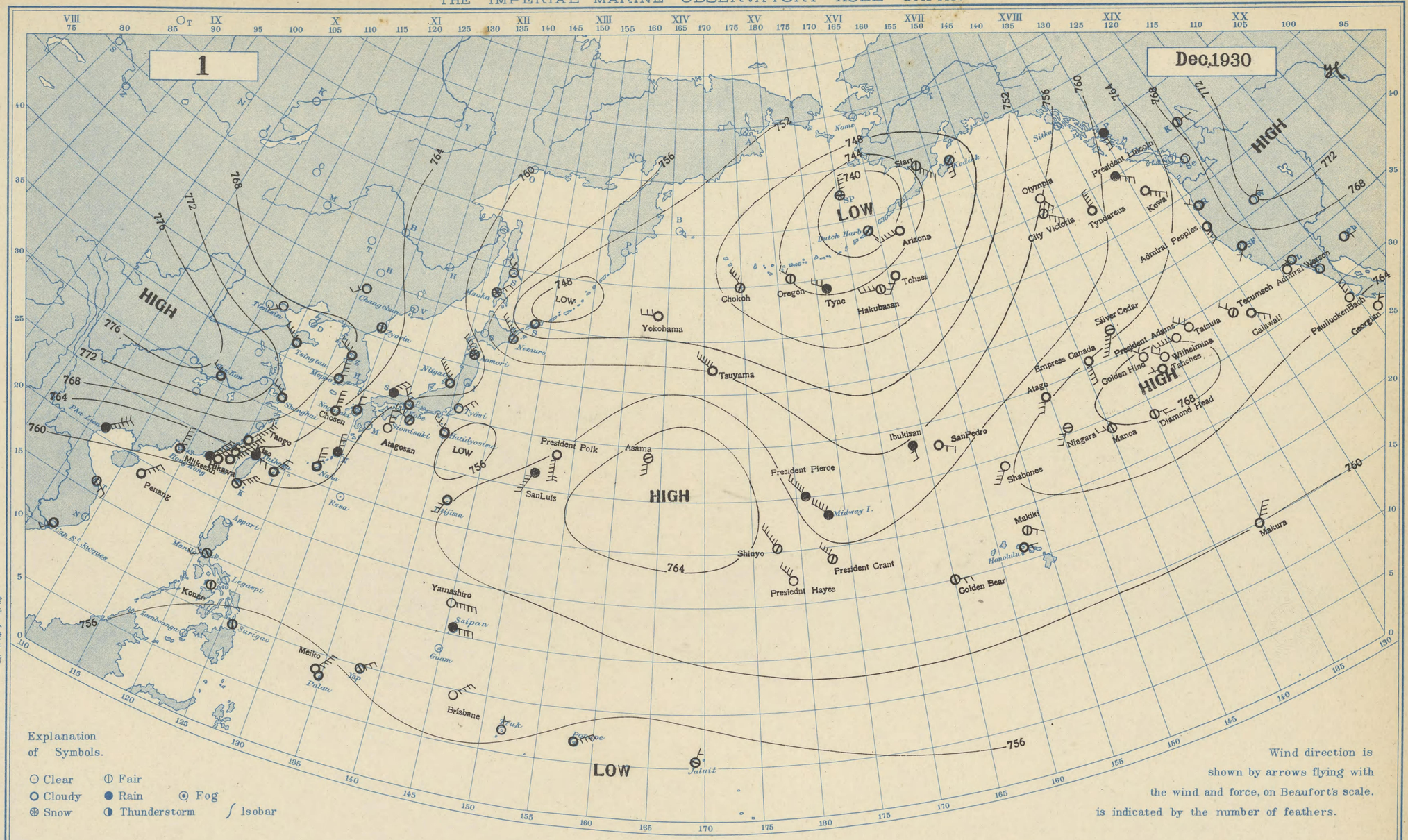
# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 2892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Dec. 1930
HIGH
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Yokohama
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Hakubasan
Tohsei
Arizona
Dutch Harbor
Nome
Sitka
Olympia
City Victoria
Tyndareus
President Lincoln
Kowa
Admiral Peoples
Admiral Watson
Tecumseh
Caliwali
Paulluckenbach
Georgian
Silver Cedar
President Adams
Golden Hind
Empress Canada
Wilhelmina
Tatsuta
Tatuhee
Diamond Head
Niagara
Manoa
Atago
Shabones
Ibukisan
SanPedro
Makiki
Honolulu
Golden Bear
Makura
President Polk
Asama
SanLuis
President Pierce
Midway I.
Shinyo
President Grant
President Hayes
Yainashiro
Saipan
Guam
Meiko
Palau
Yap
Brisbane
Truk
Ponape
Jaluit
Chang chun
Tyosin
Nemuro
Nagasaki
Siomisaki
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Hatidyôsima
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Hankow
Tsingtau
Naha
Miyakosima
Tango
Atagosan
Penang
Cap St Jacques
Manila
Legaspi
Surigao
Zamboanga
Iloilo
Appari
Kongar
Rasa
Nome
Sitka
Kodiak
Dutch Harbor
Midway I.
Honolulu
Makura
Golden Bear
Shanghai
Hankow
Tsingtau
Taihoku
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Admiral Peoples
Admiral Watson
Tecumseh
Caliwali
Paulluckenbach
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Silver Cedar
President Adams
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Wilhelmina
Tatsuta
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Atago
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Ibukisan
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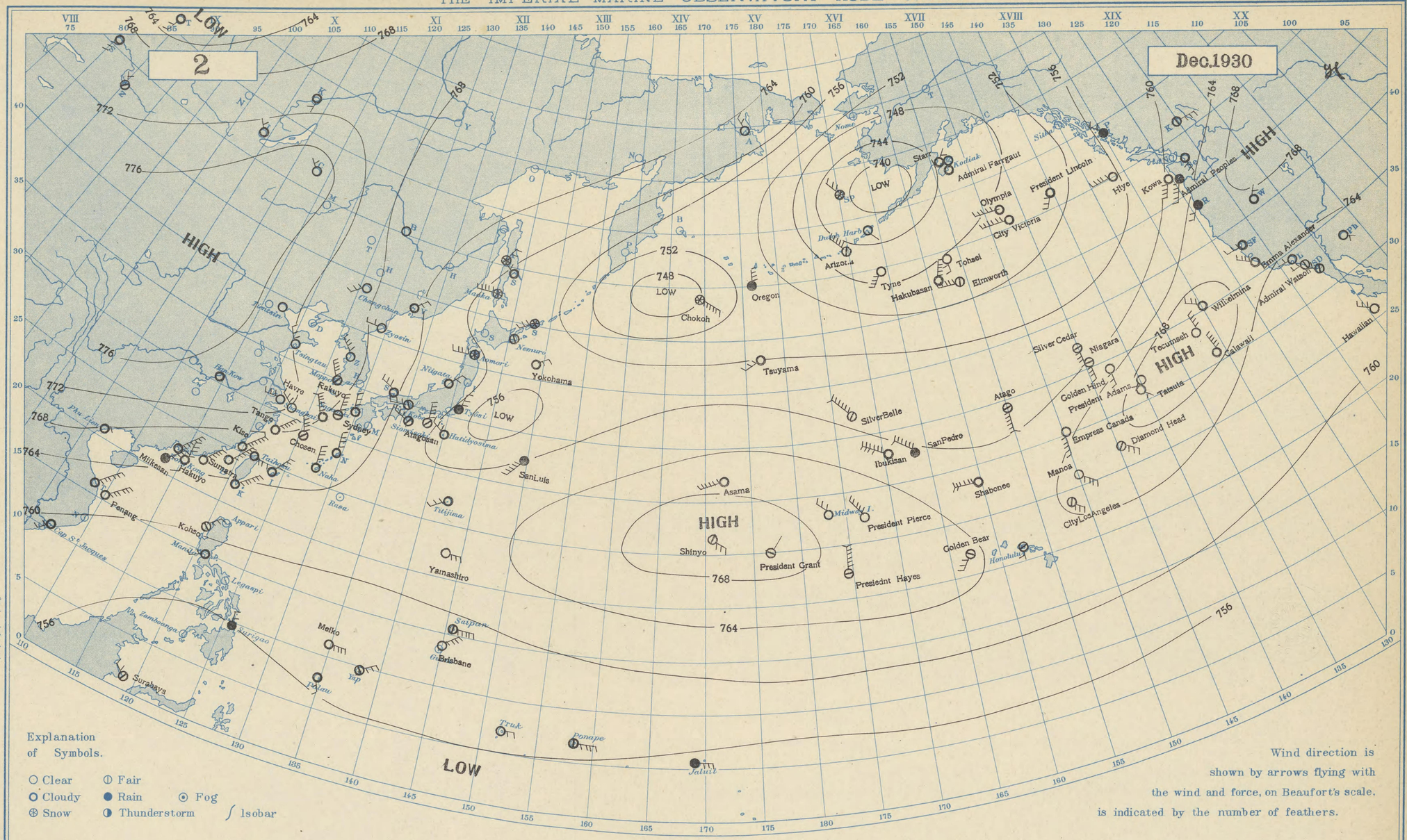
Oregon
Tyne
Hakubasan
Tohsei
Arizona
Dutch Harbor
Nome
Sitka
Kodiak
Yokohama
Tsuyama
Nemuro
Nagasaki
Siomisaki
Kôbe
Tyôsi
Hatidyôsima
Tokyo
Choosen
Taihoku
Shanghai
Hankow
Tsingtau
Naha
Miyakosima
Tango
Atagosan

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№2893




| Station / Hour of Observation | Taihoku 12h, 135E | Naha 12h, 135E | Nagasaki 12h, 135E | Siomisaki 12h, 135E | Kôbe 12h, 135E | Tyôsi 12h, 135E | Hatidyôsima 12h, 135E | Titizima 12h, 135E | Niigata 12h, 135E | Aomori 12h, 135E | Nemuro 12h, 135E | Maoka 12h, 135E | Moppo 12h, 135E | Zyôsin 12h, 135E | Changchun 12h, 135E | Tientsin 12h, 135E | Tsingtau 12h, 135E |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd. Gr.; * not reduced to Strd. Gr.) | 768.5 | 766.2 | 768.7 | 761.2 | 763.2 | 758.2 | 758.7 | 762.0 | 761.0 | 761.3 | 759.9 | 759.4 | 769.3 | 765.1 | 769.6 | 773.0 | 771.8 |
| Air Temperature (in C) | 15.1 | 17.6 | 7.2 | 14.3 | 11.4 | 10.6 | 16.5 | 25.4 | 4.5 | 1.3 | 1.5 | - 7.6 | 8.7 | - 1.7 | -16.0 | 2.9 | 2.4 |
| Direction and Force of Winds (0-12) | E 3 | N 4 | N 3 | WNW 3 | W 3 | NNE 3 | NW 3 | WSW 3 | NE 2 | W 4 | - 1 | W 5 | NNW 5 | W 2 | SW 3 | calm | NNW 3 |
| Weather | cloudy | cloudy | cloudy | fair | fair | rain | cloudy | cloudy | cloudy | snow | fair | snow | fair | clear | clear | clear | clear |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truck 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 14h | Phu-Lien 10h, | Surigao 14h, | Yap 14h, | Honolulu Midnight G.M.T. | Midway I. Midnight G.M.T. | Nome 14h, 165W | Dutch Harbor Midnight G.M.T. | Kodiak Midnight G.M.T. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd. Gr.; * not reduced to Strd. Gr.) | 773.1 | 775.2 | 758.6 | 756.9 | 757.3 | 756.6 | 756.7 | 766.6 | * 758.0 | *768.1 | *756.8 | *758.4 | 763.0 | 766.1 | - | 743.2 | 745.2 |
| Air Temperature (in C) | 6.4 | 8.2 | 27.2 | 29.0 | 27.6 | 29.3 | 26.2 | 16.0 | 30.0 | 13.0 | 26.0 | - | 24.0 | - | - | 2.0 | 6.0 |
| Direction and Force of Winds (0-12) | W 3 | - 1 | E 5 | SSE 2 | E 2 | E 4 | E 3 | NNE 6 | WSW 2 | ENE 1 | N 2 | ENE 3 | S 1 | NW 3 | - | SE - | calm |
| Weather | clear | cloudy | fair | cloudy | - | fair | rain | cloudy | cloudy | cloudy | rain | fair | fair | clear | - | clear | clear |


發行人 印刷人 神戸市中山手通七丁目 海洋氣象臺

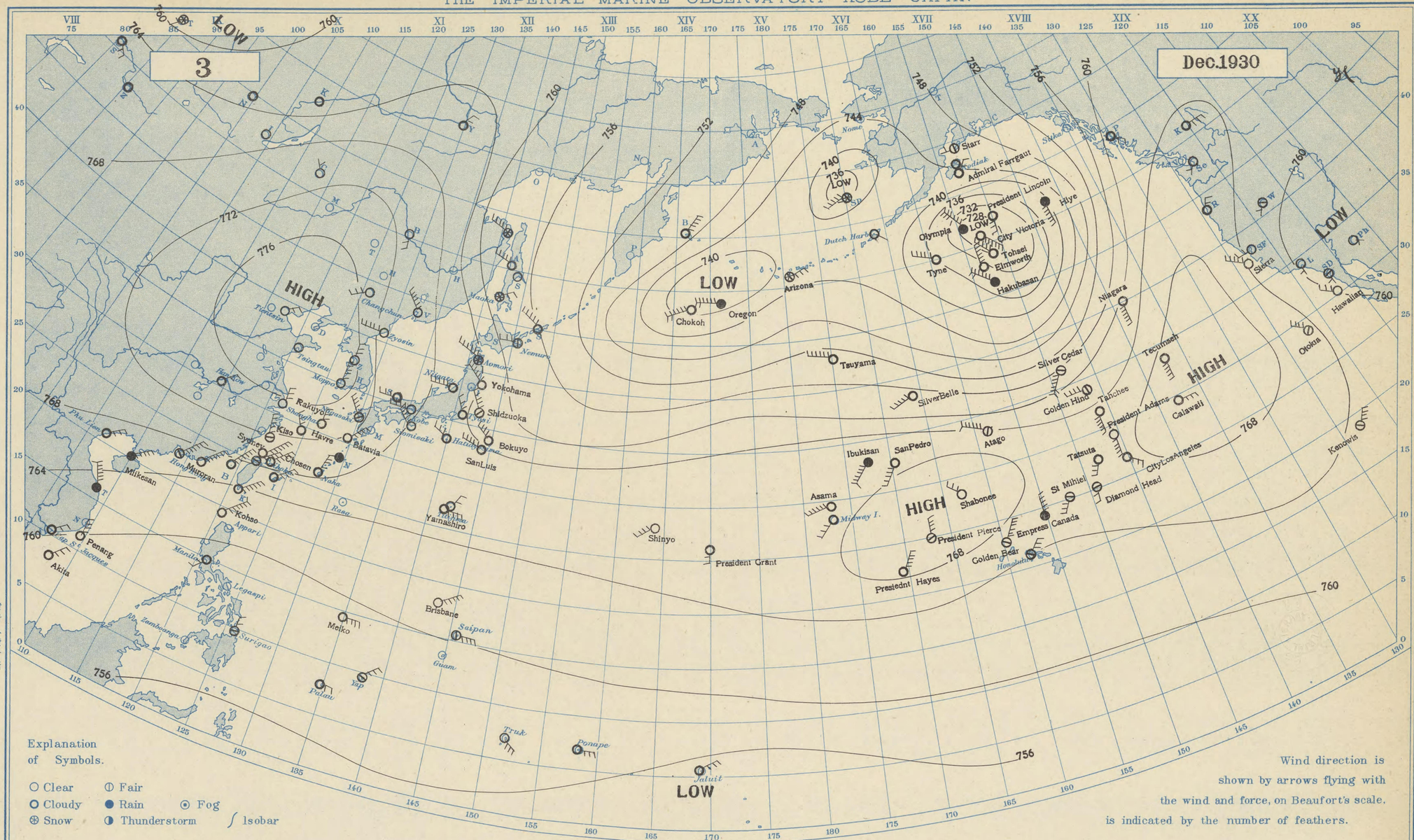
昭和五年一二月二日 北太平洋天氣圖 第二八九三號

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 2894




| Station / Hour of Observation | Taihoku 12h, 135E | Naha 12h, 135E | Nagasaki 12h, 135E | Siomisaki 12h, 135E | Kôbe 12h, 135E | Tyôsi 12h, 135E | Hatidyôsima 12h, 135E | Titizima 12h, 135E | Niigata 12h, 135E | Aomori 12h, 135E | Nemuro 12h, 135E | Maoka 12h, 135E | Moppo 12h, 135E | Zyôsin 12h, 135E | Changchun 12h, 135E | Tientsin 12h, 135E | Tsingtau 12h, 135E |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd. Gr. / * not reduced to Strd. Gr.) | 768.4 | 768.9 | 773.4 | 768.0 | 769.5 | 763.9 | 766.4 | 765.3 | 765.3 | 764.6 | 757.1 | 757.5 | 776.8 | 771.7 | 775.7 | 778.7 | 778.1 |
| Air Temperature (in C) | 18.4 | 20.9 | 7.8 | 10.9 | 9.6 | 10.0 | 12.0 | 24.1 | 6.3 | - 2.0 | - 0.5 | -10.2 | 4.4 | - 3.4 | -14.2 | 1.7 | 4.7 |
| Direction and Force of Winds (0-12) | ENE 5 | NNE 4 | NNW 5 | NNW 5 | W 4 | NNW 3 | WNW 3 | NE 2 | W 5 | WNW 6 | W 3 | ENE 2 | N 5 | W 5 | WSW 3 | ENE 2 | - 1 |
| Weather | fair | cloudy | fair | clear | clear | cloudy | cloudy | clear | cloudy | snow | fair | snow | clear | clear | clear | clear | clear |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truck 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 14h, | Phu-Lien 10h, | Surigao 14h, | Yap 14h, | Honolulu Midnight G.M.T. | Midway I. Midnight G.M.T. | Nome 14h, 165W | Dutch Harbor Midnight G.M.T. | Kodiak Midnight G.M.T. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd Gr. / * not reduced to Strd Gr.) | 775.7 | 775.4 | 760.3 | 758.7 | 757.7 | 757.2 | 756.9 | 767.1 | * 758.6 | *767.3 | *757.7 | * 759.3 | 763.0 | 767.1 | - | 742.7 | 744.2 |
| Air Temperature (in C) | 10.1 | 9.0 | 26.7 | 29.2 | 27.0 | 27.5 | 28.4 | 17.0 | 29.0 | 17.0 | 29.0 | - | 23.0 | - | - | 0.0 | 1.0 |
| Direction and Force of Winds (0-12) | N 3 | NE 2 | E 4 | E 2 | SE 3 | E 3 | ENE 3 | NE 6 | SSW 2 | ENE 3 | N 2 | NE 3 | NE 3 | SW 3 | - | SE - | calm |
| Weather | clear | cloudy | fair | cloudy | - | cloudy | cloudy | fair | cloudy | cloudy | fair | fair | fair | cloudy | - | clear | cloudy |


発行人 印刷人 神戸市中山手通七丁目 海洋氣象臺

昭和五年一二月三日

北太平洋天氣圖

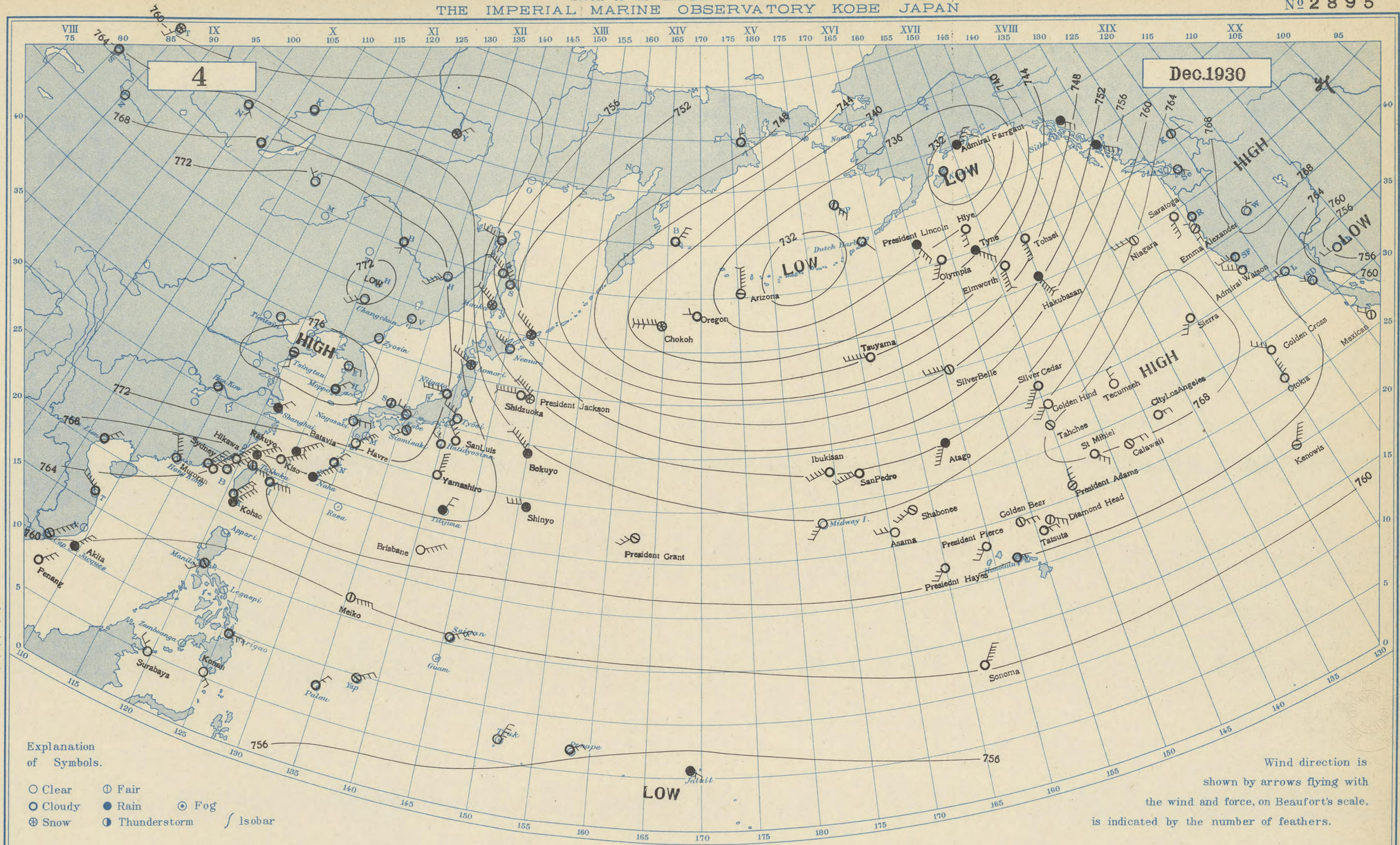
第二八九四號

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№2895




| Station / Hour of Observation | Taihoku 12h, 135E | Naha 12h, 135E | Nagasaki 12h, 135E | Siomisaki 12h, 135E | Kôbe 12h, 135E | Tyôsi 12h, 135E | Hatidyôsima 12h, 135E | Titizima 12h, 135E | Niigata 12h, 135E | Aomori 12h, 135E | Nemuro 12h, 135E | Maoka 12h, 135E | Moppo 12h, 135E | Zyôsin 12h, 135E | Changchun 12h, 135E | Tientsin 12h, 135E | Tsingtau 12h, 135E |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd. Gr.) | 762.9 | 767.5 | 774.3 | 773.9 | 775.0 | 770.7 | 771.2 | 768.6 | 772.1 | 767.1 | 758.2 | 756.3 | 777.1 | 773.8 | 771.7 | 775.4 | 776.7 |
| Air Temperature (in C) | 25.2 | 19.6 | 7.7 | 9.3 | 9.4 | 8.4 | 12.3 | 18.7 | 8.1 | - 2.4 | - 4.4 | - 4.6 | 4.4 | 4.1 | - 2.9 | 3.1 | 8.7 |
| Direction and Force of Winds (0-12) | E 4 | NE 5 | E 3 | SW 2 | WNW 2 | WNW 4 | WNW 2 | NNE 2 | W 5 | WNW 5 | WNW 4 | NW 7 | NE 2 | - 1 | SW 3 | calm | S 2 |
| Weather | fair | rain | clear | fair | clear | clear | cloudy | rain | cloudy | snow | clear | snow | cloudy | clear | clear | clear | fair |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truck 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 14h | Phu-Lien 10h, | Surigao 14h, | Yap 14h, | Honolulu Midnight G.M.T. | Midway I. Midnight G.M.T. | Nome 14h, 165W | Dutch Harbor Midnight G.M.T. | Kodiak Midnight G.M.T. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd Gr.) | 773.6 | 774.2 | 760.4 | 757.8 | 757.2 | 756.6 | 756.9 | 766.8 | * 758.0 | *767.6 | *757.9 | * 758.5 | 762.5 | 764.0 | - | 733.5 | 729.0 |
| Air Temperature (in C) | 8.8 | 8.4 | 26.9 | 29.3 | 27.2 | 29.4 | 26.4 | 20.0 | 30.0 | 14.0 | 31.0 | - | 23.0 | - | - | - 1.0 | 4.0 |
| Direction and Force of Winds (0-12) | NE 2 | - 1 | ENE 4 | NNE 2 | NE 4 | ENE 2 | ESE 2 | NNW 7 | SW 2 | NNE 3 | E 2 | ENE 3 | E 1 | SW 4 | - | SE - | calm |
| Weather | rain | cloudy | cloudy | cloudy | - | cloudy | rain | cloudy | fair | cloudy | cloudy | fair | cloudy | clear | - | cloudy | cloudy |


発行人 印刷人 神戸市中山手通七丁目 海洋氣象臺

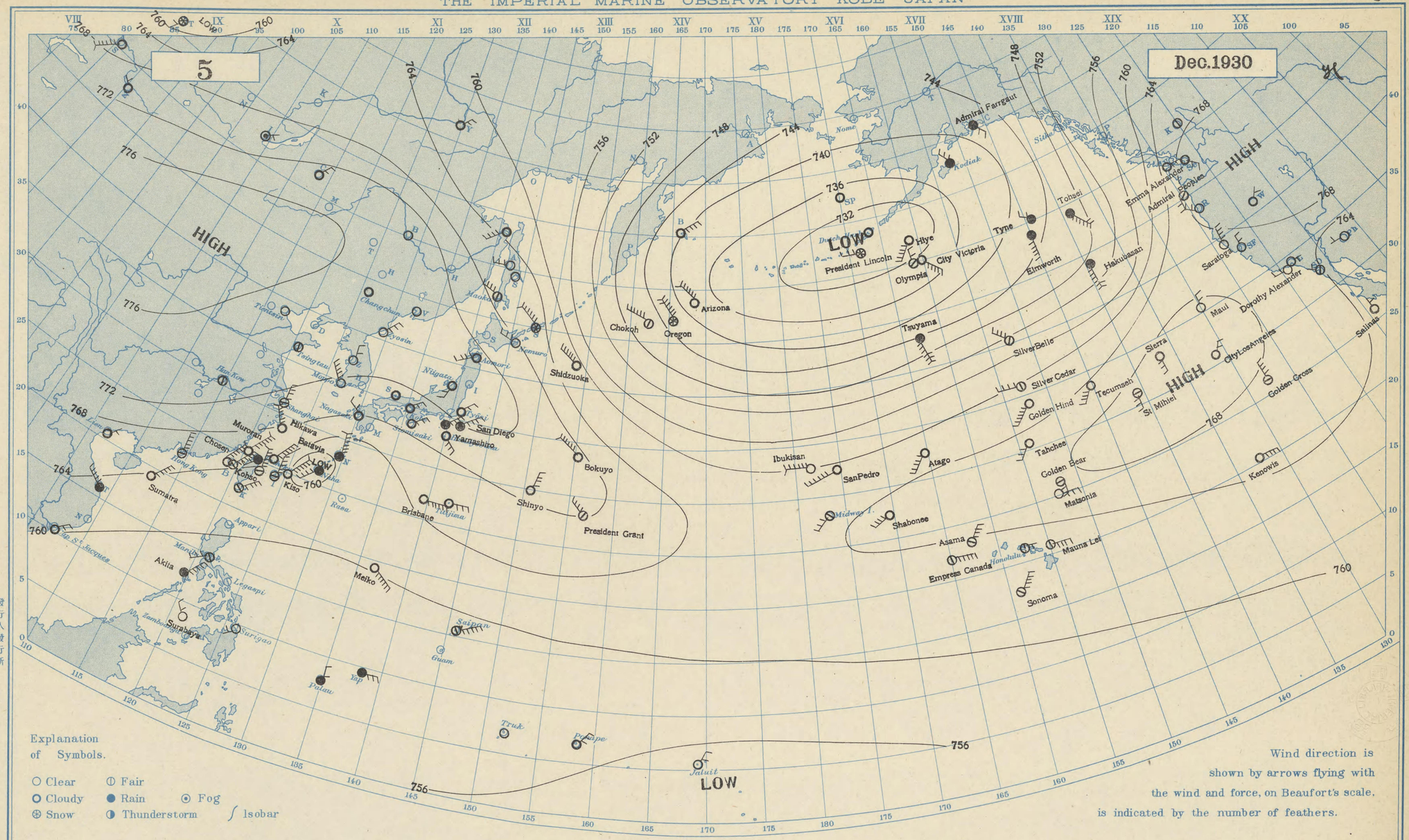
日 四 月二一年五和昭 圖氣天洋平太北 號 五九八二 第

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2896




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's scale, is indicated by the number of feathers.

| Station / Hour of Observation | Taihoku 12h, 135E | Naha 12h, 135E | Nagasaki 12h, 135E | Siomisaki 12h, 135E | Kôbe 12h, 135E | Tyôsi 12h, 135E | Hatidyôsima 12h, 135E | Titizima 12h, 135E | Niigata 12h, 135E | Aomori 12h, 135E | Nemuro 12h, 135E | Maoka 12h, 135E | Moppo 12h, 135E | Zyôsin 12h, 135E | Changchun 12h, 135E | Tientsin 12h, 135E | Tsingtau 12h, 135E |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd. Gr.) | 765.9 | 757.2 | 768.0 | 770.0 | 771.4 | 773.0 | 769.8 | 765.3 | 773.9 | 772.3 | 768.8 | 767.3 | 771.6 | 774.2 | 775.1 | 774.5 | 774.8 |
| * not reduced to Strd. Gr. | | | | | | | | | | | | | | | | | |
| Air Temperature (in C) | 17.4 | 21.6 | 8.9 | 9.3 | 6.8 | 9.3 | 14.3 | 23.2 | 9.1 | 3.2 | 2.2 | - 1.4 | 4.9 | 2.5 | - 7.3 | 4.6 | 6.1 |
| Direction and Force of Winds (0-12) | SSW 2 | SSW 4 | NW 2 | NE 3 | ENE 2 | NE 2 | SE 3 | E 3 | SSW 2 | WSW 4 | WNW 3 | WNW 4 | NNW 5 | NNE 3 | - 1 | - 1 | - 1 |
| Weather | rain | rain | cloudy | cloudy | cloudy | cloudy | cloudy | cloudy | cloudy | cloudy | clear | fair | clear | clear | cloudy | clear | fair |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truck 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 14h | Phu-Lien 10h, | Surigao 14h, | Yap 14h, | Honolulu Midnight G.M.T. | Midway I. Midnight G.M.T. | Nome 14h, 165W | Dutch Harbor Midnight G.M.T. | Kodiak Midnight G.M.T. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd. Gr.) | 771.6 | 773.6 | 759.7 | 758.1 | 757.3 | 757.9 | 757.3 | 765.5 | * 758.5 | * 767.0 | * 758.3 | * 759.6 | 763.0 | 763.5 | - | 731.5 | 739.1 |
| * not reduced to Strd. Gr. | | | | | | | | | | | | | | | | | |
| Air Temperature (in C) | 11.6 | 9.2 | 27.3 | 26.9 | 26.8 | 27.4 | 28.7 | 19.0 | 30.0 | 18.0 | 28.0 | - | 23.0 | - | - | 0.0 | 3.0 |
| Direction and Force of Winds (0-12) | N 4 | - 1 | ENE 5 | N 2 | calm | ENE 3 | NE 2 | N 5 | WSW 3 | NNE 1 | SW 1 | E 3 | E 1 | SW 3 | - | calm | NW 3 |
| Weather | fair | fair | fair | rain | - | cloudy | clear | fair | fair | cloudy | clear | rain | fair | fair | - | cloudy | rain |


発行人 発行所 神戸市中山手通七丁目 海洋氣象臺

印刷人 阪壽所

昭和五年一二月五日

北太平洋天氣圖

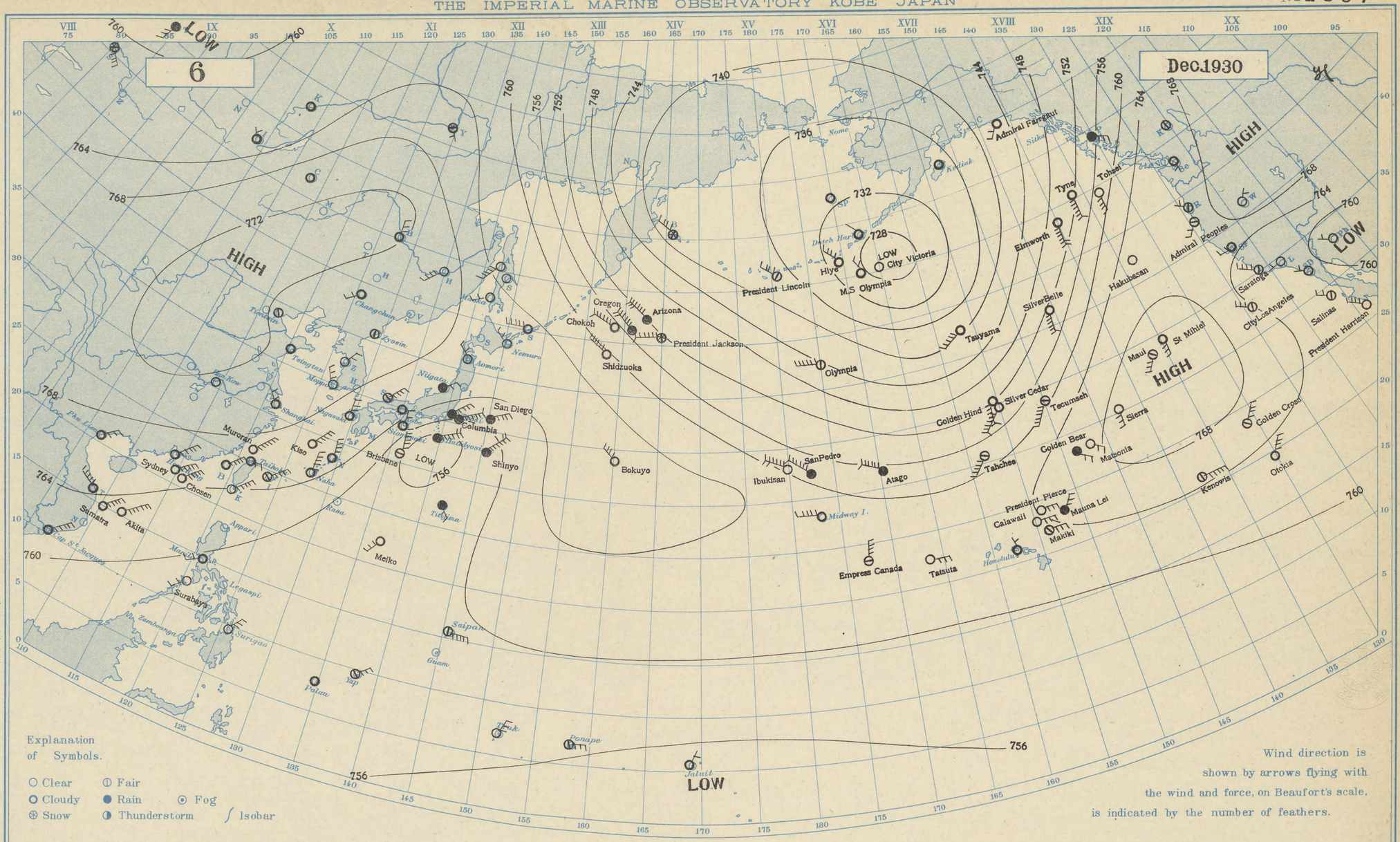
第二八九六號

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№2897




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's scale. is indicated by the number of feathers.

| Station / Hour of Observation | Taihoku 12h, 135E | Naha 12h, 135E | Nagasaki 12h, 135E | Siomisaki 12h, 135E | Kôbe 12h, 135E | Tyôsi 12h, 135E | Hatidyôsima 12h, 135E | Titizima 12h, 135E | Niigata 12h, 135E | Aomori 12h, 135E | Nemuro 12h, 135E | Maoka 12h, 135E | Moppo 12h, 135E | Zyôsin 12h, 135E | Changchun 12h, 135E | Tientsin 12h, 135E | Tsingtau 12h, 135E |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd. Gr.) | 766.7 | 764.1 | 765.9 | 762.1 | 764.1 | 760.9 | 755.1 | 757.1 | 764.8 | 767.5 | 767.6 | 765.2 | 769.9 | 771.1 | 770.9 | 770.6 | 771.8 |
| Air Temperature (in C) | 18.4 | 20.5 | 12.0 | 13.1 | 10.2 | 10.5 | 14.0 | 20.9 | 6.7 | 5.2 | 2.0 | 10.4 | 8.1 | 2.7 | - 6.2 | 2.6 | 6.7 |
| Direction and Force of Winds (0-12) | E 2 | N 5 | N 3 | N 2 | - 1 | NE 4 | ENE 8 | SW 2 | NE 2 | NW 2 | NW 2 | WSW 2 | NNW 3 | - 1 | SW 2 | calm | calm |
| Weather | cloudy | cloudy | cloudy | cloudy | cloudy | rain | rain | rain | rain | clear | clear | clear | clear | fair | cloudy | fair | cloudy |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truck 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 14h | Phu-Lien 10h, | Surigao 14h, | Yap 14h, | Honolulu Midnight G.M.T. | Midway I. Midnight G.M.T. | Nome 14h, 165W | Dutch Harbor Midnight G.M.T. | Kodiak Midnight G.M.T. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd Gr.) | 771.0 | 771.2 | 759.6 | 758.3 | 757.6 | 756.9 | 757.5 | 766.6 | * 759.9 | *766.9 | *759.0 | * 759.1 | 761.5 | 761.5 | - | 731.0 | 734.1 |
| Air Temperature (in C) | 9.7 | 11.4 | 27.3 | 27.0 | 25.6 | 29.4 | 27.9 | 18.0 | 29.0 | 18.0 | 29.0 | - | 22.0 | - | - | 0.0 | 3.0 |
| Direction and Force of Winds (0-12) | NW 2 | - 1 | E 5 | - 1 | NE 3 | E 3 | NE 1 | NE 5 | WSW 2 | ENE 3 | NNE 3 | ENE 3 | N 1 | W 5 | - | NW - | calm |
| Weather | cloudy | clear | fair | cloudy | - | fair | cloudy | cloudy | cloudy | cloudy | clear | fair | cloudy | cloudy | - | cloudy | cloudy |


印刷人 販書所 神戸市中山手通七丁目 海洋氣象臺

発行人 発行所

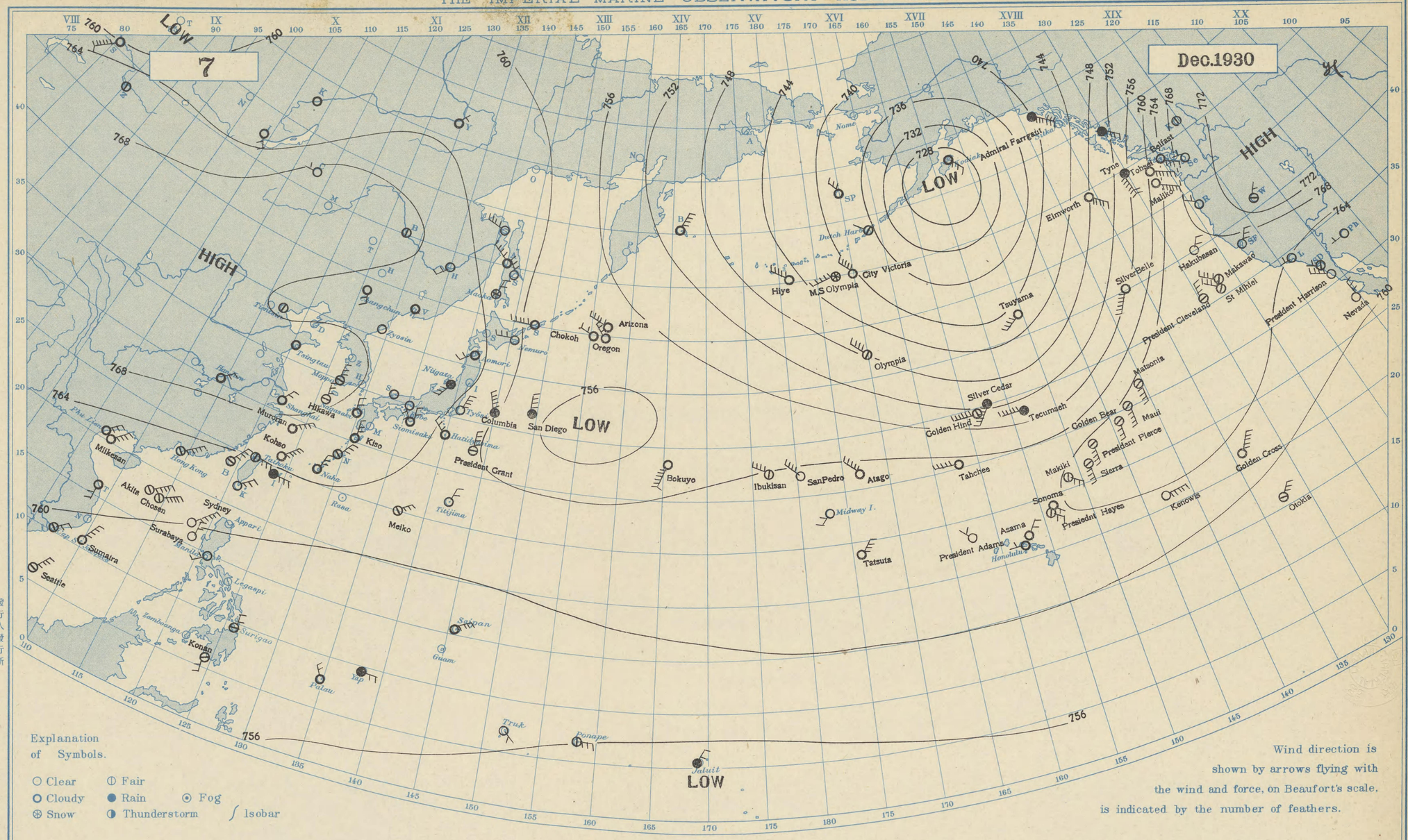
昭和五年一二月六日 北太平洋天氣圖 第二八九七號

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№2898




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's scale, is indicated by the number of feathers.

| Station / Hour of Observation | Taihoku 12h, 135E | Naha 12h, 135E | Nagasaki 12h, 135E | Siomisaki 12h, 135E | Kôbe 12h, 135E | Tyôsi 12h, 135E | Hatidyôsima 12h, 135E | Titizima 12h, 135E | Niigata 12h, 135E | Aomori 12h, 135E | Nemuro 12h, 135E | Maoka 12h, 135E | Moppo 12h, 135E | Zyôsin 12h, 135E | Changchun 12h, 135E | Tientsin 12h, 135E | Tsingtau 12h, 135E |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd. Gr.; * not reduced to Strd. Gr.) | 764.4 | 764.5 | 766.9 | 764.8 | 766.7 | 763.6 | 763.7 | 762.5 | 766.0 | 764.8 | 761.4 | 761.6 | 769.6 | 767.9 | 767.1 | 767.8 | 769.7 |
| Air Temperature (in C) | 19.9 | 20.7 | 12.7 | 13.0 | 11.6 | 11.6 | 16.1 | 23.5 | 6.0 | 3.8 | 2.8 | - 1.9 | 9.0 | 3.1 | - 4.3 | 4.8 | 7.6 |
| Direction and Force of Winds (0-12) | E 3 | NNE 3 | N 2 | N 2 | SE 2 | NNE 4 | NW 3 | NNE 2 | SSW 3 | SW 2 | W 3 | NNE 2 | N 3 | - 1 | S 2 | - 1 | - 1 |
| Weather | fair | cloudy | cloudy | cloudy | clear | clear | cloudy | clear | rain | cloudy | clear | snow | fair | clear | cloudy | fair | cloudy |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truck 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 14h | Phu-Lien 10h, | Surigao 14h, | Yap 14h, | Honolulu Midnight G.M.T. | Midway I. Midnight G.M.T. | Nome 14h, 165W | Dutch Harbor Midnight G.M.T. | Kodiak Midnight G.M.T. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd. Gr.; * not reduced to Strd. Gr.) | 768.5 | 768.1 | 758.6 | 756.9 | 756.7 | 756.0 | 756.6 | 763.5 | * 759.2 | *762.8 | *758.3 | * 757.7 | 761.0 | 763.0 | - | 736.1 | 727.4 |
| Air Temperature (in C) | 10.2 | 9.8 | 27.0 | 28.7 | 26.1 | 29.2 | 25.0 | 20.0 | 30.0 | 17.0 | 29.0 | - | 23.0 | - | - | 0.0 | 4.0 |
| Direction and Force of Winds (0-12) | NNE 2 | ENE 2 | ENE 4 | NNW 2 | SE 1 | E 3 | NE 2 | ENE 5 | SW 2 | NE 3 | N 2 | E 2 | W 1 | SW 2 | - | NW - | SE 3 |
| Weather | cloudy | cloudy | cloudy | cloudy | - | fair | rain | fair | clear | cloudy | fair | rain | cloudy | clear | - | fair | cloudy |

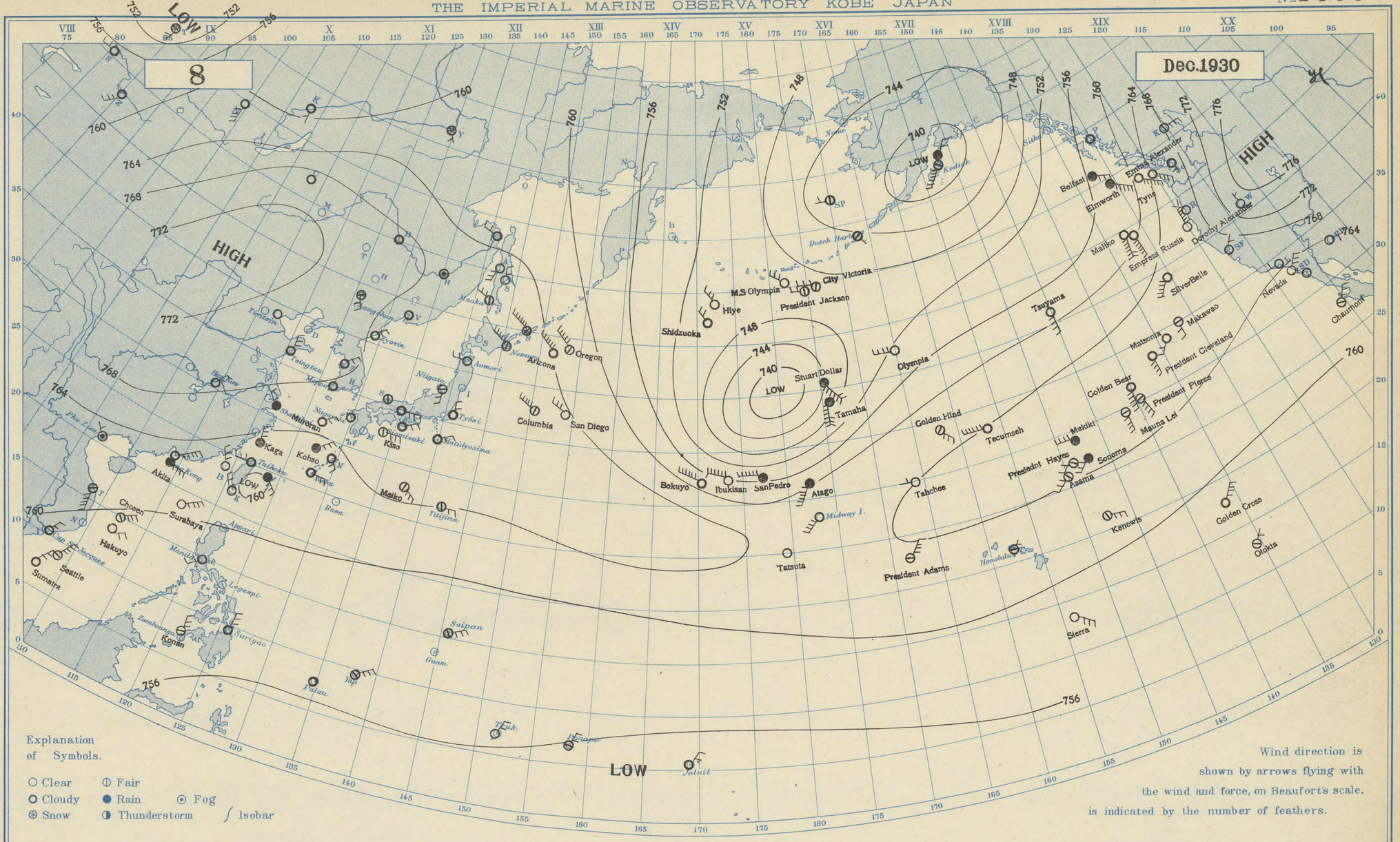

発行人 発行所
印刷人 販賣所
神戸市中山手通七丁目
海洋氣象臺

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№2899




| Station / Hour of Observation | Taihoku 12h, 135E | Naha 12h, 135E | Nagasaki 12h, 135E | Siomisaki 12h, 135E | Kôbe 12h, 135E | Tyôsi 12h, 135E | Hatidyôsima 12h, 135E | Titizima 12h, 135E | Niigata 12h, 135E | Aomori 12h, 135E | Nemuro 12h, 135E | Maoka 12h, 135E | Moppo 12h, 135E | Zyôsin 12h, 135E | Changchun 12h, 135E | Tientsin 12h, 135E | Tsingtau 12h, 135E |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd. Gr. / * not reduced to Strd. Gr.) | 761.9 | 761.7 | 765.0 | 766.7 | 767.4 | 767.6 | 766.4 | 764.0 | 768.5 | 767.9 | 766.8 | 766.9 | 766.8 | 766.8 | 770.0 | 770.1 | 768.2 |
| Air Temperature (in C) | 21.8 | 21.9 | 12.7 | 13.8 | 10.8 | 12.4 | 17.3 | 25.0 | 10.8 | 6.7 | 1.6 | - 1.0 | 7.2 | 3.0 | -11.5 | 4.8 | 7.5 |
| Direction and Force of Winds (0-12) | W 3 | E 3 | calm | ENE 2 | E 3 | N 2 | ENE 2 | E 2 | S 2 | W 2 | NW 5 | WNW 3 | - 1 | NE 2 | SSE 2 | - 1 | N 3 |
| Weather | cloudy | cloudy | cloudy | cloudy | cloudy | cloudy | cloudy | fair | fair | clear | fair | fair | cloudy | cloudy | snow | clear | cloudy |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truck 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 14h | Phu-Lien 10h, | Surigao 14h, | Yap 14h, | Honolulu Midnight G.M.T. | Midway I. Midnight G.M.T. | Nome 14h, 165W | Dutch Harbor Midnight G.M.T. | Kodiak Midnight G.M.T. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd Gr. / * not reduced to Strd Gr.) | 765.1 | 768.1 | 758.4 | 756.4 | 757.0 | 755.7 | 756.6 | 762.5 | * 758.7 | * 761.8 | * 757.8 | * 757.7 | 761.0 | 763.0 | - | 744.2 | 737.6 |
| Air Temperature (in C) | 11.6 | 12.7 | 27.1 | 29.4 | 26.1 | 28.9 | 27.8 | 18.0 | 30.0 | 18.0 | 29.0 | - | 23.0 | - | - | 1.0 | 3.0 |
| Direction and Force of Winds (0-12) | NW 2 | NNE 2 | ENE 3 | - 1 | NE 2 | NE 2 | ENE 2 | ENE 5 | SW 2 | NW 1 | N 3 | ENE 3 | NE 1 | SW 4 | - | SE - | SW 6 |
| Weather | rain | cloudy | fair | cloudy | - | fair | cloudy | cloudy | clear | fog | cloudy | fair | fair | clear | - | fair | fair |

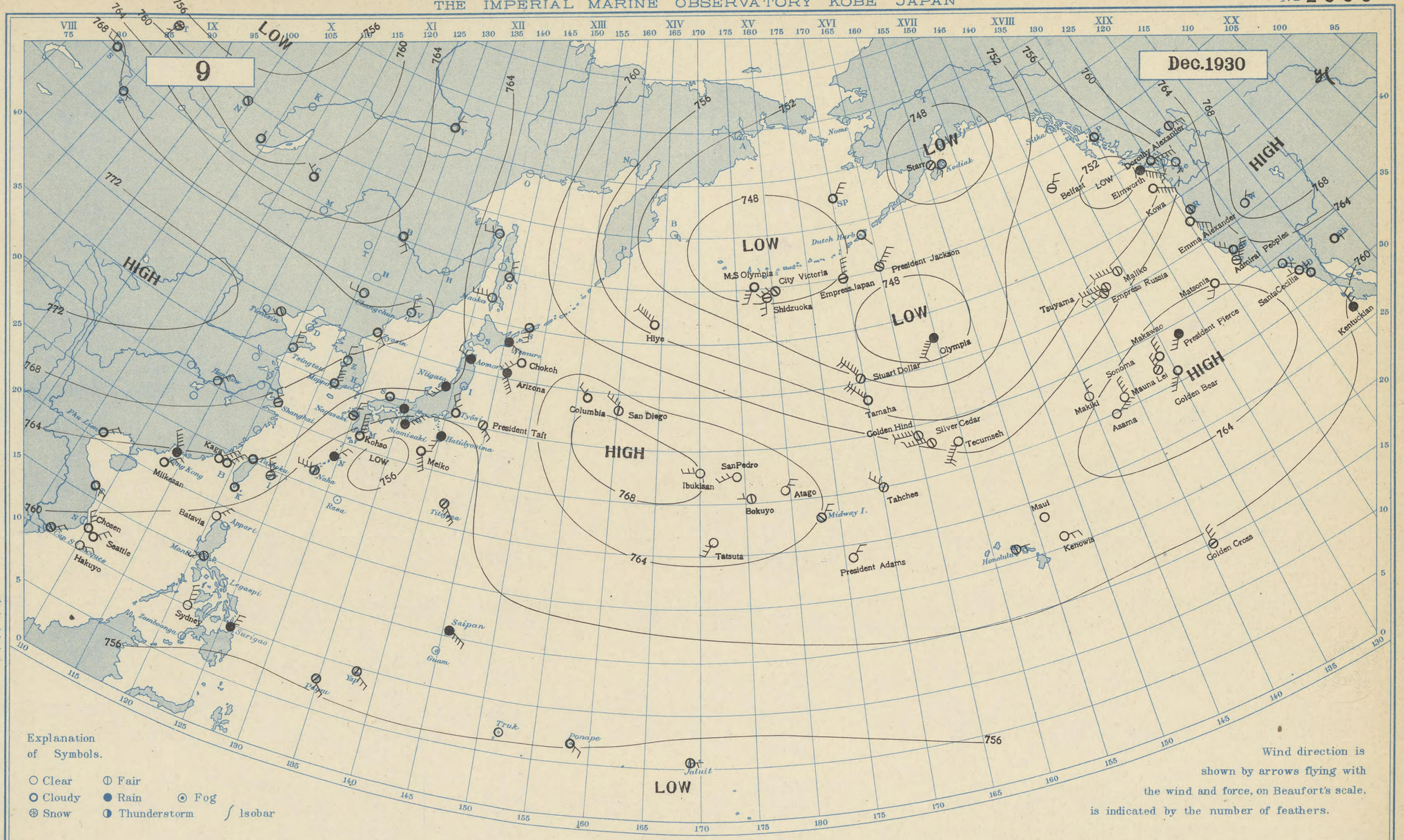
發行人發行所 印刷人販賣所 神戸市中山手通七丁目 海洋氣象臺

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2900




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's scale, is indicated by the number of feathers.

| Station / Hour of Observation | Taihoku 12h, 135E | Naha 12h, 135E | Nagasaki 12h, 135E | Siomisaki 12h, 135E | Kôbe 12h, 135E | Tyôsi 12h, 135E | Hatidyôsima 12h, 135E | Titizima 12h, 135E | Niigata 12h, 135E | Aomori 12h, 135E | Nemuro 12h, 135E | Maoka 12h, 135E | Moppo 12h, 135E | Zyôsin 12h, 135E | Changchun 12h, 135E | Tientsin 12h, 135E | Tsingtau 12h, 135E |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd. Gr.) | 764.2 | 758.8 | 761.3 | 758.5 | 762.5 | 760.6 | 758.9 | 758.7 | 764.1 | 763.2 | 761.6 | 761.4 | 765.8 | 768.7 | 766.9 | 769.4 | 769.2 |
| * not reduced to Strd. Gr. | | | | | | | | | | | | | | | | | |
| Air Temperature (in C) | 20.2 | 22.5 | 12.1 | 14.2 | 9.4 | 11.9 | 17.2 | 23.9 | 7.8 | 3.2 | 5.2 | 0.8 | 9.4 | 3.4 | - 8.3 | 2.4 | 3.5 |
| Direction and Force of Winds (0-12) | - 1 | W 4 | NNE 2 | NE 5 | - 1 | NNW 3 | SSW 3 | SE 5 | SSW 3 | WNW 2 | SE 3 | W 4 | N 5 | SSE 2 | W 2 | WSW 2 | N 3 |
| Weather | cloudy | fair | fair | rain | rain | cloudy | rain | fair | rain | rain | rain | clear | cloudy | cloudy | clear | fair | clear |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truck 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 14h | Phu-Lien 10h, | Surigao 14h, | Yap 14h, | Honolulu Midnight G.M.T. | Midway I. Midnight G.M.T. | Nome 14h, 165W | Dutch Harbor Midnight G.M.T. | Kodiak Midnight G.M.T. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd Gr.) | 767.8 | 770.3 | 758.5 | 756.4 | 756.5 | 756.2 | 756.7 | 763.5 | * 758.9 | *764.1 | *757.4 | * 757.6 | 761.5 | 764.0 | - | 749.8 | 746.8 |
| * not reduced to Strd Gr. | | | | | | | | | | | | | | | | | |
| Air Temperature (in C) | 12.6 | 12.5 | 24.5 | 29.0 | 26.7 | 27.5 | 28.1 | 18.0 | 31.0 | 18.0 | 26.0 | - | 23.0 | - | - | - 2.0 | 1.0 |
| Direction and Force of Winds (0-12) | NNW 2 | NNE 2 | ESE 4 | SE 3 | calm | ESE 2 | E 1 | NNW 5 | WSW 2 | ENE 2 | NNE 3 | ESE 3 | E 1 | NE 2 | - | SE - | calm |
| Weather | fair | clear | rain | fair | - | cloudy | fair | rain | fair | cloudy | rain | fair | fair | fair | - | clear | clear |


発行人 印刷人 販賣所 神戸市中山手通七丁目 海洋氣象臺

昭和五年一二月 九日

北太平洋天氣圖

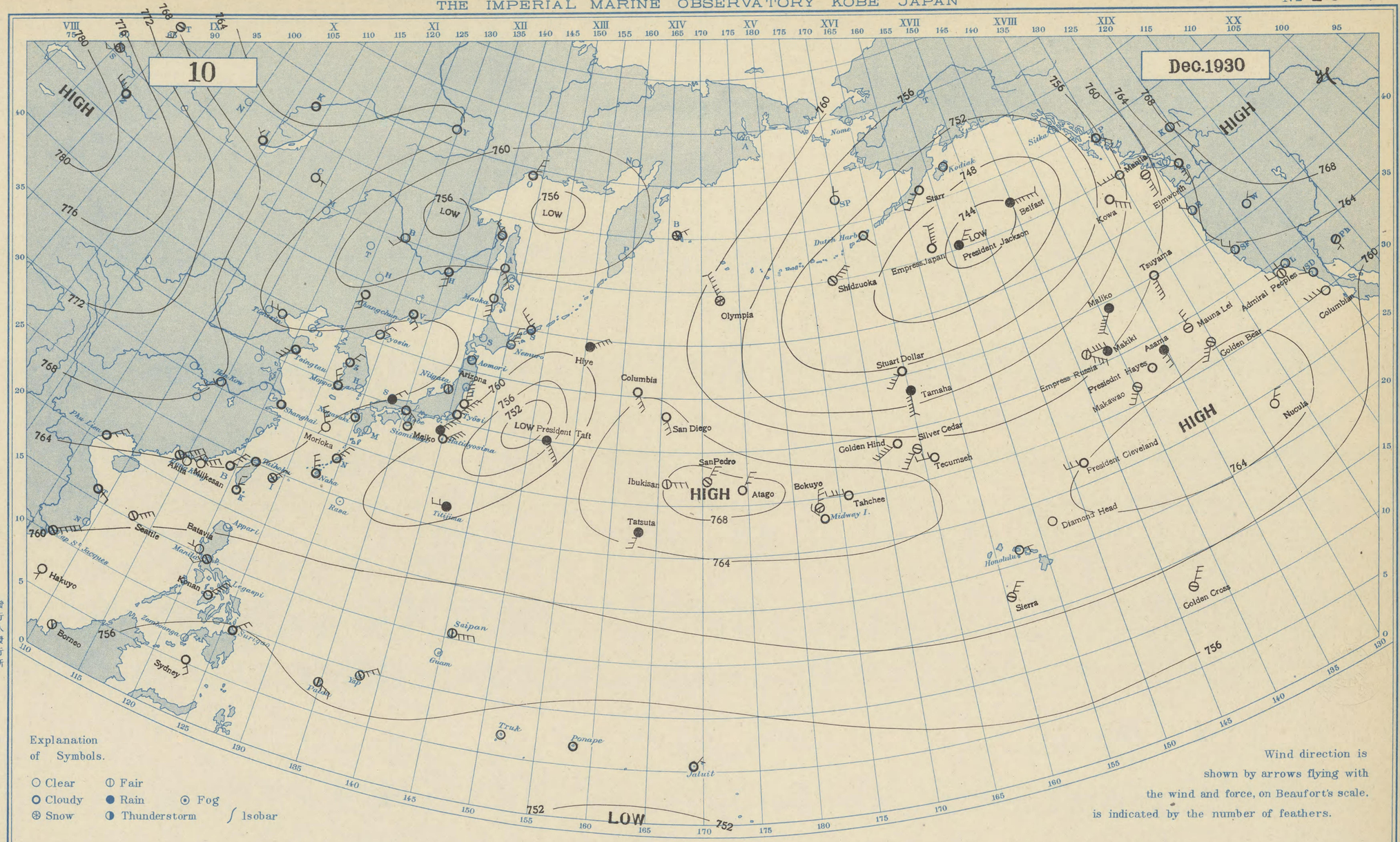
第 二九〇〇 號

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2901




| Station / Hour of Observation | Taihoku 12h, 135E | Naha 12h, 135E | Nagasaki 12h, 135E | Siomisaki 12h, 135E | Kôbe 12h, 135E | Tyôsi 12h, 135E | Hatidyôsima 12h, 135E | Titizima 12h, 135E | Niigata 12h, 135E | Aomori 12h, 135E | Nemuro 12h, 135E | Maoka 12h, 135E | Moppo 12h, 135E | Zyôsin 12h, 135E | Changchun 12h, 135E | Tientsin 12h, 135E | Tsingtau 12h, 135E |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd. Gr.) (* not reduced to Strd. Gr.) | 764.5 | 762.4 | 763.4 | 760.7 | 762.7 | 761.1 | 759.7 | 758.4 | 763.4 | 763.8 | 761.9 | 760.9 | 766.0 | 764.4 | 760.6 | 762.8 | 765.3 |
| Air Temperature (in C) | 18.4 | 21.0 | 13.3 | 13.4 | 12.2 | 11.0 | 13.7 | 23.3 | 9.7 | 6.6 | 2.8 | 2.5 | 9.3 | 3.8 | - 1.3 | 4.2 | 10.1 |
| Direction and Force of Winds (0-12) | - 1 | NNW 3 | - 1 | - 1 | SE 2 | NNE 6 | NE 5 | W 2 | - 1 | - 1 | NNE 4 | S 3 | NNW 3 | NNE 2 | S 2 | W 2 | SSW 3 |
| Weather | cloudy | cloudy | cloudy | cloudy | cloudy | cloudy | cloudy | rain | fair | clear | clear | cloudy | cloudy | clear | cloudy | clear | cloudy |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truck 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 14h | Phu-Lien 10h, | Surigao 14h, | Yap 14h, | Honolulu Midnight G.M.T. | Midway I. Midnight G.M.T. | Nome 14h, 165W | Dutch Harbor Midnight G.M.T. | Kodiak Midnight G.M.T. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd Gr.) (* not reduced to Strd Gr.) | 767.0 | 768.0 | 758.4 | 756.6 | 755.8 | 754.8 | 756.5 | 764.3 | * 759.0 | * 764.6 | * 756.5 | * 757.9 | 762.0 | 765.0 | - | 750.8 | 748.3 |
| Air Temperature (in C) | 10.9 | 13.3 | 26.6 | 28.7 | 26.4 | 27.1 | 27.7 | 21.0 | 30.0 | 19.0 | 26.0 | - | 23.0 | - | - | - 3.0 | 1.0 |
| Direction and Force of Winds (0-12) | calm | SW 2 | E 4 | ESE 3 | calm | - 1 | ENE 1 | ENE 5 | SW 2 | ENE 3 | NE 3 | ENE 3 | E 1 | NW 3 | - | SE - | calm |
| Weather | cloudy | clear | fair | fair | - | cloudy | cloudy | fair | fair | cloudy | cloudy | fair | clear | cloudy | - | clear | clear |


発行人 印刷人 阪黄所 神戸市中山手通七丁目 海洋氣象臺

昭和五年一二一月〇日

北太平洋天氣圖

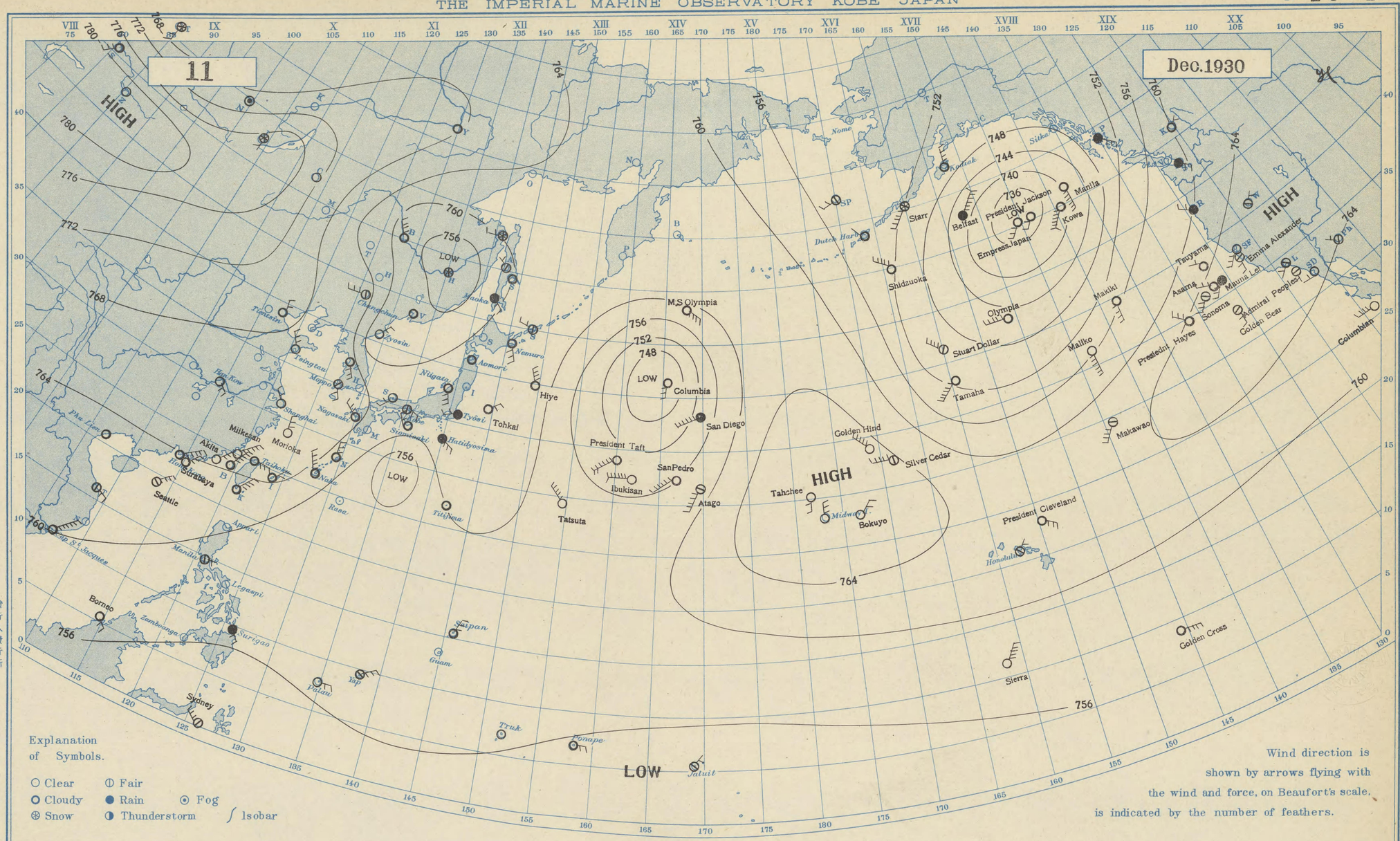
第二九〇一號

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2902




| Station / Hour of Observation | Taihoku 12h, 135E | Naha 12h, 135E | Nagasaki 12h, 135E | Siomisaki 12h, 135E | Kôbe 12h, 135E | Tyôsi 12h, 135E | Hatidyôsima 12h, 135E | Titizima 12h, 135E | Niigata 12h, 135E | Aomori 12h, 135E | Nemuro 12h, 135E | Maoka 12h, 135E | Moppo 12h, 135E | Zyôsin 12h, 135E | Changchun 12h, 135E | Tientsin 12h, 135E | Tsingtau 12h, 135E |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd. Gr. / * not reduced to Strd. Gr.) | 764.9 | 763.9 | 764.6 | 760.8 | 763.1 | 763.0 | 761.0 | 759.9 | 762.8 | 762.1 | 763.3 | 759.0 | 766.4 | 758.0 | 765.2 | 769.4 | 766.1 |
| Air Temperature (in C) | 19.6 | 19.0 | 13.8 | 14.5 | 11.3 | 10.1 | 15.4 | 22.5 | 7.6 | 6.9 | 4.4 | 2.8 | 9.0 | 5.4 | - 7.3 | 4.7 | 6.1 |
| Direction and Force of Winds (0-12) | E 3 | NNW 5 | NW 3 | NNW 2 | ESE 2 | WSW 2 | ESE 3 | - 1 | SSE 3 | calm | SSE 3 | SE 2 | SSE 2 | NNE 2 | W 3 | N 2 | NNW 3 |
| Weather | cloudy | cloudy | cloudy | cloudy | fair | rain | rain | cloudy | cloudy | cloudy | cloudy | rain | fair | clear | fair | cloudy | clear |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truck 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 14h | Phu-Lien 10h, | Surigao 14h, | Yap 14h, | Honolulu Midnight G.M.T. | Midway I. Midnight G.M.T. | Nome 14h, 165W | Dutch Harbor Midnight G.M.T. | Kodiak Midnight G.M.T. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd Gr. / * not reduced to Strd Gr.) | 767.3 | 766.2 | 757.9 | 756.9 | 758.1 | 755.2 | 756.8 | 764.0 | * 758.3 | * 762.8 | * 757.0 | * 757.6 | 761.5 | 765.0 | - | 755.9 | 748.3 |
| Air Temperature (in C) | 12.8 | 14.6 | 26.8 | 30.0 | 28.0 | 28.3 | 27.9 | 20.0 | 29.0 | 20.0 | 26.0 | - | 23.0 | - | - | 0.0 | 2.0 |
| Direction and Force of Winds (0-12) | NW 2 | SE 2 | NNE 3 | E 2 | calm | E 2 | ENE 1 | ENE 5 | E 1 | calm | SE 2 | ENE 3 | NE 1 | N 3 | - | NW - | N 4 |
| Weather | clear | clear | cloudy | clear | - | cloudy | fair | cloudy | fair | cloudy | rain | fair | fair | clear | - | cloudy | cloudy |

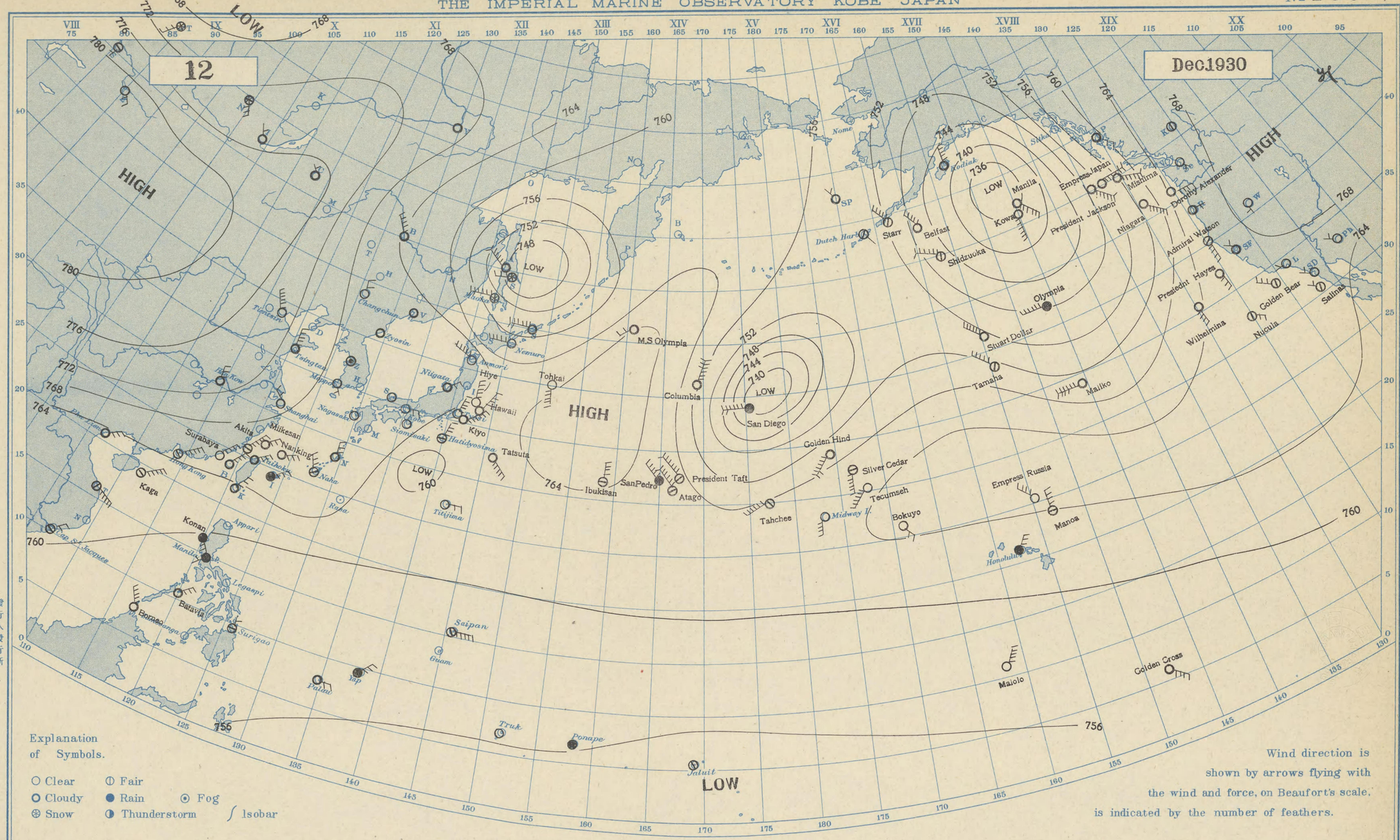
發行人發行所 印刷人販賣所 神戸市中山手通七丁目 海洋氣象臺

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2903

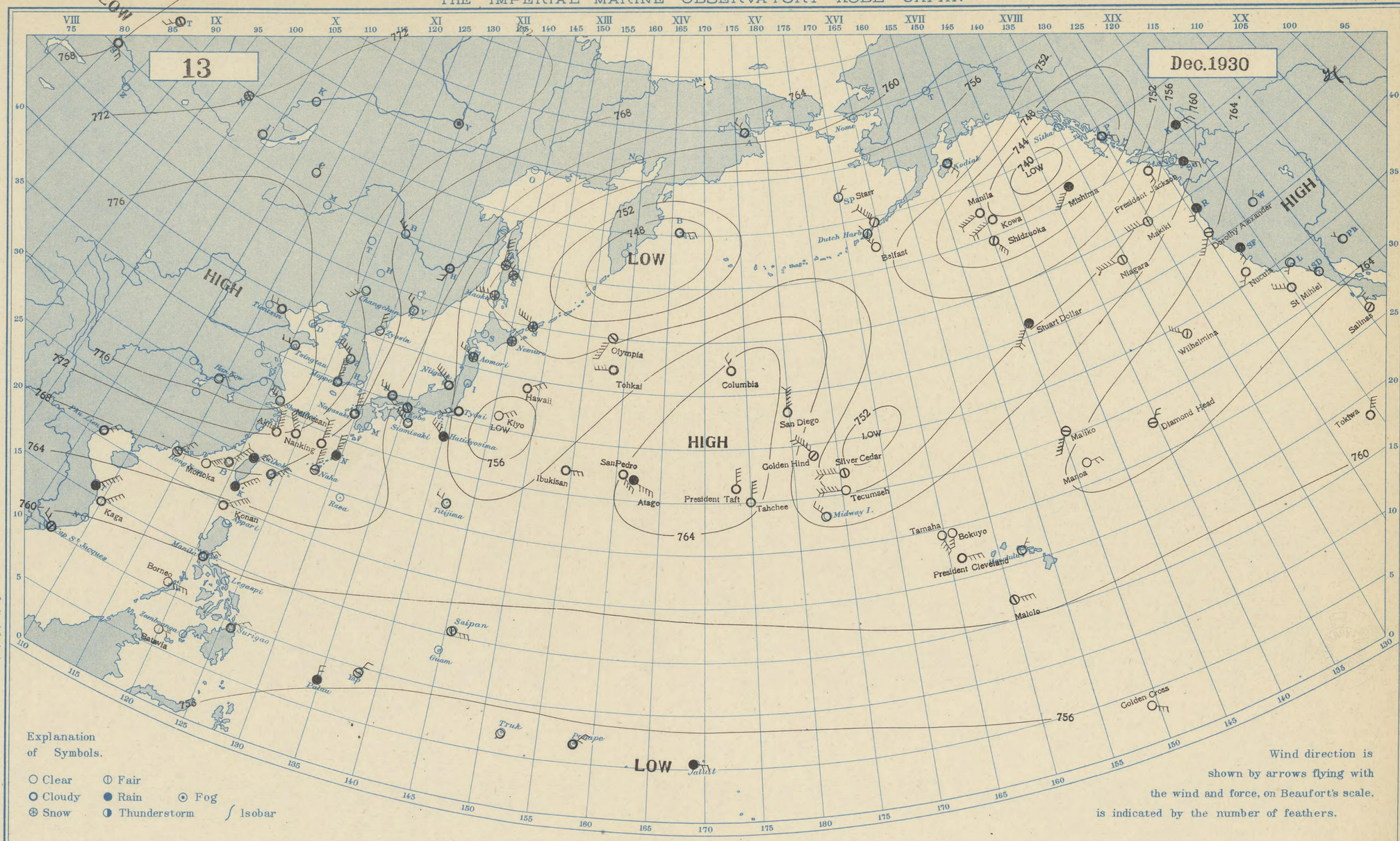

12
Dec.1930
HIGH
LOW
HIGH
HIGH
LOW
LOW
LOW
M.S Olympia
Columbia
San Diego
Golden Hind
Silver Cedar
Tecumseh
President Taft
Atago
Tahchee
Midway I.
Bokuyo
Empress Russia
Manca
Honolulu
Maiolo
Golden Cross
Starr
Belfast
Shidzuoka
Manila
Kowa
Olympia
Empress Japan
President Jackson
Niagara
Mishima
Dorothy Alexander
Admiral Watson
President Hayes
Wilhelmina
Golden Bear
Nicola
Salinas
Stuart Dollar
Tamsha
Mailko
Hiye
Tohkai
Hawaii
Kiyo
Tatsuta
Ibukisan
Titijima
Hatidyôsima
Nemuro
Tyôsi
Tokachi
Nagasaki
Shanghai
Hankow
Akita
Milkesari
Nanking
Surabaya
Hong Kong
Kaga
Konan
Naha
Saipan
Guam
Yap
Palau
Truk
Ponape
Jaluit
Surigao
Legaspi
Batavia
Cap St. Jacques
Manila
Appari
Nome
Sitka
Kodiak
Dutch Harbor
Aomori
Niigata
Mororan
Kusiro
Changchun
Tsingtau
Ryosin
Fusan
Shimonoseki
Kobe
Yokohama
Nagasaki
Naha
Taihoku
Amoy
Hong Kong
Manila
Batavia
Surigao
Legaspi
Cap St. Jacques
Appari
Konan
Kaga
Akita
Milkesari
Nanking
Surabaya
Shanghai
Hankow
Saipan
Guam
Yap
Palau
Truk
Ponape
Jaluit
Tatsuta
Titijima
Ibukisan
Hatidyôsima
Tohkai
Hiye
Hawaii
Kiyo
Nemuro
Tyôsi
Niigata
Aomori

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№2904




| Station / Hour of Observation | Taihoku 12h, 135E | Naha 12h, 135E | Nagasaki 12h, 135 E | Siomisaki 12h, 135E | Kôbe 12h, 135E | Tyôsi 12h, 135E | Hatidyôsima 12h, 135 E | Titizima 12h, 135E | Niigata 12h, 135 E | Aomori 12h, 135 E | Nemuro 12h, 135 E | Maoka 12h, 135 E | Moppo 12h, 135 E | Zyôsin 12h, 135E | Changchun 12h, 135 E | Tientsin 12h, 135 E | Tsingtau 12h, 135E |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd. Gr.) | 770.2 | 767.7 | 768.3 | 761.6 | 763.5 | 756.3 | 760.1 | 762.0 | 760.6 | 758.6 | 756.5 | 755.7 | 772.7 | 769.1 | 771.3 | 776.5 | 777.1 |
| * not reduced to Strd. Gr. | | | | | | | | | | | | | | | | | |
| Air Temperature (in C) | 16.0 | 20.1 | 8.7 | 15.0 | 12.6 | 14.8 | 12.9 | 24.9 | 8.2 | 1.6 | - 1.5 | - 4.6 | 5.1 | - 0.9 | - 0.2 | - 0.1 | 1.0 |
| Direction and Force of Winds (0-12) | ENE 3 | N 5 | N 4 | NW 4 | WSW 2 | WSW 3 | NW 4 | WNW 2 | NW 5 | WNW 3 | NW 1 | W 4 | N 6 | N 3 | SW 3 | W 2 | W 2 |
| Weather | rain | fair | cloudy | clear | fair | cloudy | rain | clear | cloudy | snow | snow | snow | cloudy | clear | clear | cloudy | clear |

| Station / Hour of Observation | Shanghai 12h, 135 E | Hankow 12h, 135 E | Saipan 12h, 135 E | Palau 12h, 135 E | Truck 7h, | Ponape 12h, 135 E | Jaluit 8h, | Hongkong 10h, | Manila 14h | Phu-Lien 10h, | Surigao 14h, | Yap 14h, | Honolulu Midnight G.M.T. | Midway I. Midnight G.M.T. | Nome 14h, 165W | Dutch Harbor Midnight G.M.T. | Kodiak Midnight G.M.T. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd. Gr.) | 777.5 | 776.6 | 758.1 | 756.5 | 758.1 | 755.6 | 756.6 | 766.6 | * 759.7 | *767.1 | *758.1 | *756.9 | 762.0 | 759.5 | - | 751.8 | 753.9 |
| * not reduced to Strd. Gr. | | | | | | | | | | | | | | | | | |
| Air Temperature (in C) | 6.8 | 7.9 | 27.2 | 26.5 | 26.4 | 28.2 | 24.6 | 21.0 | 28.0 | 21.0 | 29.0 | - | 23.0 | - | - | - 2.0 | 3.0 |
| Direction and Force of Winds (0-12) | WNW 3 | ENE 2 | E 3 | N 2 | calm | ENE 3 | E 2 | NNE 5 | NE 2 | NE 3 | ENE 3 | NE 2 | NE 1 | NW 3 | - | NW - | SE 2 |
| Weather | clear | clear | fair | rain | - | cloudy | rain | fair | cloudy | cloudy | cloudy | fair | clear | clear | - | fair | cloudy |


発行人 発行所 印刷人 販賣所 神戸市中山手通七丁目 海洋氣象臺

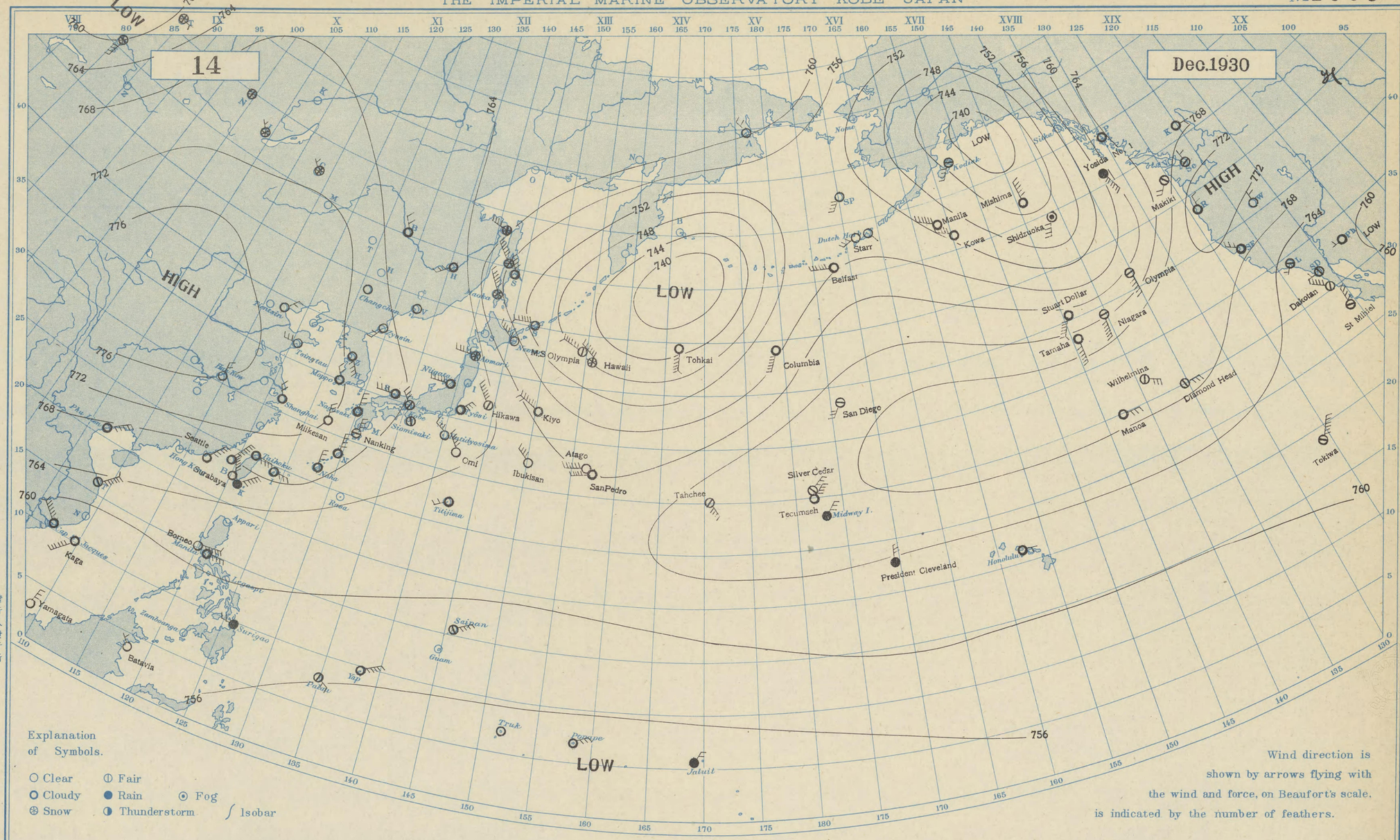
昭和五年一二月一日 北太平洋天氣圖 第二九〇四號

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№2905




| Station / Hour of Observation | Taihoku 12h, 135E | Naha 12h, 135E | Nagasaki 12h, 135E | Siomisaki 12h, 135E | Kôbe 12h, 135E | Tyôsi 12h, 135E | Hatidyôsima 12h, 135E | Titizima 12h, 135E | Niigata 12h, 135E | Aomori 12h, 135E | Nemuro 12h, 135E | Maoka 12h, 135E | Moppo 12h, 135E | Zyôsin 12h, 135E | Changchun 12h, 135E | Tientsin 12h, 135E | Tsingtau 12h, 135E |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd. Gr. / * not reduced to Strd. Gr.) | 769.3 | 768.2 | 771.4 | 766.9 | 767.7 | 765.0 | 764.9 | 762.9 | 766.6 | 765.0 | 756.6 | 756.5 | 772.5 | 768.6 | 769.4 | 773.4 | 773.7 |
| Air Temperature (in C) | 19.4 | 19.7 | 6.1 | 11.3 | 8.7 | 8.1 | 14.3 | 23.2 | 5.6 | - 3.0 | - 1.8 | - 6.0 | 5.3 | - 1.3 | -12.2 | 2.8 | 3.7 |
| Direction and Force of Winds (0-12) | E 4 | N 3 | N 3 | - 1 | NW 3 | NNE 3 | WNW 3 | WSW 2 | W 5 | W 5 | WNW 5 | NNW 6 | NNW 2 | SSW 2 | - 1 | NNE 2 | W 3 |
| Weather | cloudy | cloudy | cloudy | fair | fair | cloudy | clear | cloudy | cloudy | snow | clear | snow | cloudy | clear | clear | clear | clear |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truck 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 14h | Phu-Lien 10h, | Surigao 14h, | Yap 14h, | Honolulu Midnight G.M.T. | Midway I. Midnight G.M.T. | Nome 14h, 165W | Dutch Harbor Midnight G.M.T. | Kodiak Midnight G.M.T. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd Gr. / * not reduced to Strd Gr.) | 774.2 | 776.0 | 759.0 | 756.3 | 756.3 | 755.1 | 756.9 | - | * 760.7 | * 767.6 | * 759.5 | * 757.4 | 763.0 | 766.1 | - | 754.9 | 743.7 |
| Air Temperature (in C) | 8.8 | 9.4 | 27.5 | 30.0 | 26.6 | 29.4 | 27.1 | - | 30.0 | 20.0 | 24.0 | - | 23.0 | - | - | - 1.0 | - 2.0 |
| Direction and Force of Winds (0-12) | NNW 2 | N 2 | ENE 4 | ESE 2 | calm | ENE 3 | NE 2 | - | E 4 | ENE 5 | W 2 | ENE 5 | E 1 | NE 3 | - | SE - | SW 4 |
| Weather | cloudy | clear | fair | fair | - | cloudy | rain | - | cloudy | cloudy | rain | cloudy | cloudy | rain | - | clear | fair |

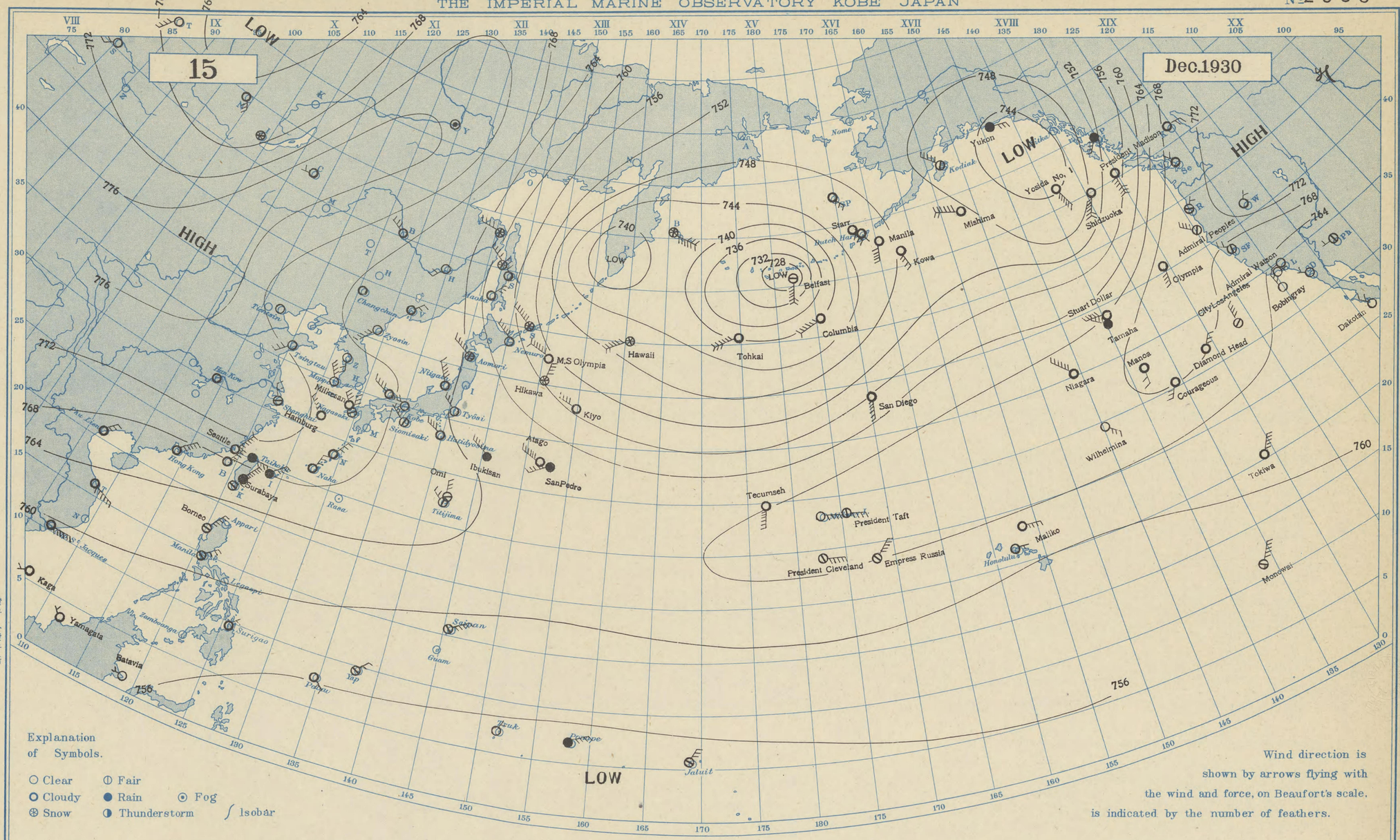

發行人發行所 印刷人販賣所 神戸市中山手通七丁目 海洋氣象臺

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№2906




| Station / Hour of Observation | Taihoku 12h, 135E | Naha 12h, 135E | Nagasaki 12h, 135E | Siomisaki 12h, 135E | Kôbe 12h, 135E | Tyôsi 12h, 135E | Hatidyôsima 12h, 135E | Titizima 12h, 135E | Niigata 12h, 135E | Aomori 12h, 135E | Nemuro 12h, 135E | Maoka 12h, 135E | Moppo 12h, 135E | Zyôsin 12h, 135E | Changchun 12h, 135E | Tientsin 12h, 135E | Tsingtau 12h, 135E |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd. Gr. / * not reduced to Strd. Gr.) | 768.5 | 768.7 | 770.7 | 767.0 | 767.6 | 763.1 | 764.6 | 764.6 | 764.6 | 763.2 | 757.2 | 756.8 | 772.0 | 766.5 | 767.4 | 770.5 | 771.9 |
| Air Temperature (in C) | 17.3 | 19.1 | 7.7 | 9.4 | 8.2 | 9.0 | 11.4 | 22.4 | 4.4 | - 4.0 | - 2.4 | - 5.7 | 8.2 | - 1.3 | -12.2 | 1.1 | 5.9 |
| Direction and Force of Winds (0-12) | E 4 | NNE 3 | N 3 | NW 5 | W 4 | WNW 3 | WNW 4 | NW 2 | NNW 5 | WNW 5 | NW 5 | NE 3 | NNW 4 | SSW 5 | - 1 | - 1 | SW 3 |
| Weather | rain | cloudy | fair | fair | clear | clear | cloudy | fair | cloudy | snow | clear | cloudy | clear | clear | cloudy | clear | clear |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truck 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 14h | Phu-Lien 10h, | Surigao 14h, | Yap 14h, | Honolulu Midnight G.M.T. | Midway I. Midnight G.M.T. | Nome 14h, 165W | Dutch Harbor Midnight G.M.T. | Kodiak Midnight G.M.T. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd Gr. / * not reduced to Strd Gr.) | 773.7 | 774.2 | 758.5 | 756.4 | 756.0 | 755.6 | 757.7 | 765.8 | * 760.1 | *767.5 | *758.0 | * 757.8 | 760.5 | 766.1 | - | 746.2 | 745.7 |
| Air Temperature (in C) | 8.5 | 9.4 | 27.1 | 29.1 | 26.0 | 26.1 | 28.3 | 14.0 | 30.0 | 17.0 | 25.0 | - | 23.0 | - | - | 3.0 | - 2.0 |
| Direction and Force of Winds (0-12) | NNW 2 | - 1 | ENE 5 | SE 2 | NE 1 | ENE 4 | NE 3 | NE 5 | NE 3 | NE 3 | NE 1 | NE 2 | E 1 | E 4 | - | SE - | NW 5 |
| Weather | fair | cloudy | fair | cloudy | - | rain | fair | cloudy | fair | cloudy | cloudy | fair | clear | clear | - | cloudy | fair |

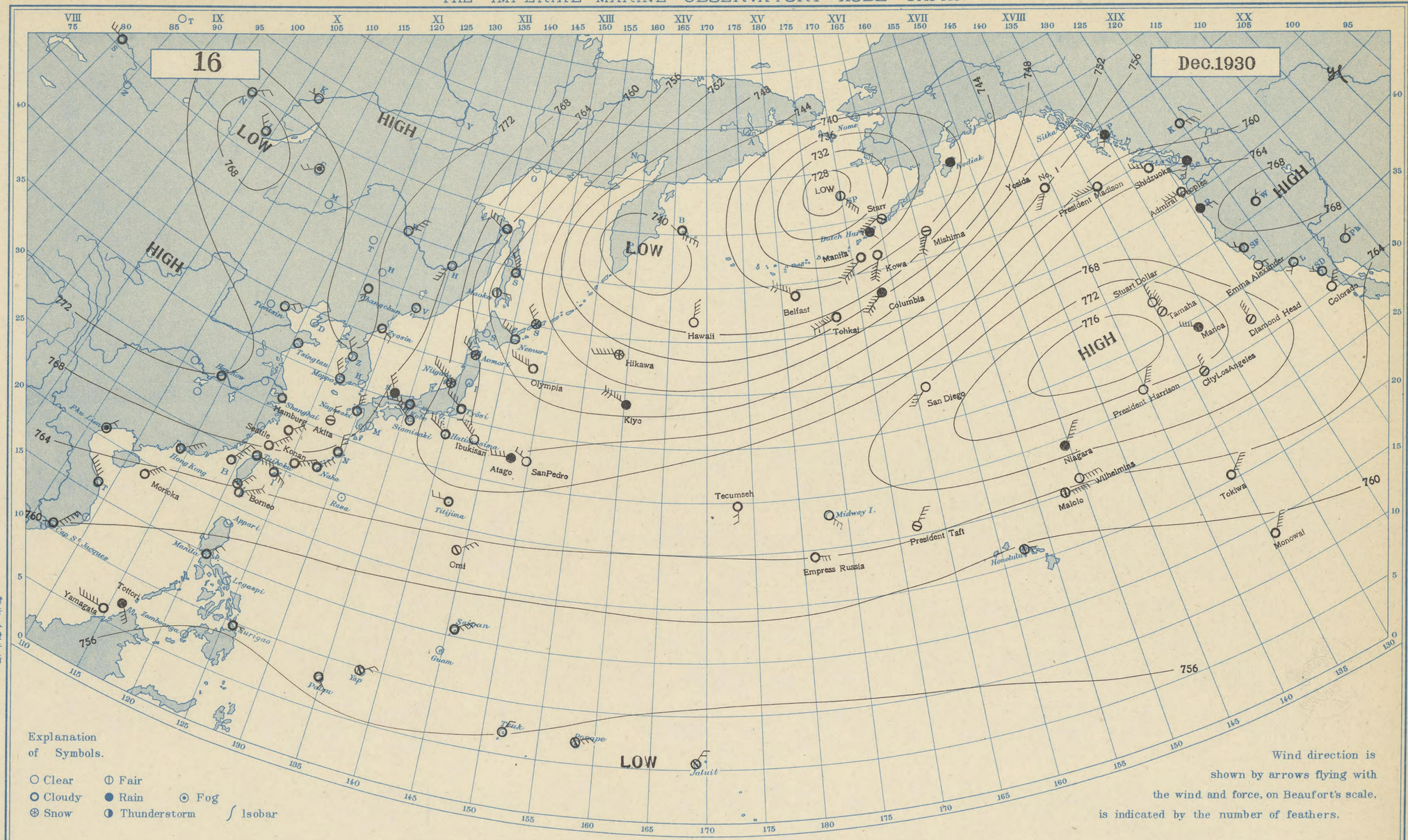

發行人發行所
印刷人販賣所
神戸市中山手通七丁目
海洋氣象臺

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№2907




| Station / Hour of Observation | Taihoku 12h, 135E | Naha 12h, 135E | Nagasaki 12h, 135E | Siomisaki 12h, 135E | Kôbe 12h, 135E | Tyôsi 12h, 135E | Hatidyôsima 12h, 135E | Titizima 12h, 135E | Niigata 12h, 135E | Aomori 12h, 135E | Nemuro 12h, 135E | Maoka 12h, 135E | Moppo 12h, 135E | Zyôsin 12h, 135E | Changchun 12h, 135E | Tientsin 12h, 135E | Tsingtau 12h, 135E |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd. Gr. / * not reduced to Strd. Gr.) | 766.7 | 767.2 | 769.2 | 764.6 | 766.3 | 759.4 | 762.7 | 764 4 | 763.9 | 760.9 | 755.2 | 754.8 | 771.2 | 770.4 | 772.6 | 770.7 | 771.1 |
| Air Temperature (in C) | 19.7 | 20.1 | 9.7 | 11.2 | 8.9 | 10.8 | 13.3 | 19.4 | 3.2 | - 5.4 | - 2.8 | - 5.5 | 8.7 | - 2.9 | -16.6 | - 2.0 | 4.5 |
| Direction and Force of Winds (0-12) | E 4 | NE 3 | N 3 | NW 4 | W 4 | WNW 4 | WNW 4 | W 2 | WNW 6 | WNW 3 | WNW 4 | E 2 | NNW 3 | ESE 2 | S 2 | ENE 2 | calm |
| Weather | cloudy | cloudy | cloudy | clear | cloudy | cloudy | cloudy | cloudy | snow | snow | clear | fair | clear | cloudy | cloudy | clear | clear |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truck 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 14h | Phu-Lien 10h, | Surigao 14h, | Yap 14h, | Honolulu Midnight G.M.T. | Midway I. Midnight G.M.T. | Nome 14h, 165W | Dutch Harbor Midnight G.M.T. | Kodiak Midnight G.M.T. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd Gr. / * not reduced to Strd Gr.) | 771.6 | 772.1 | 758.8 | 757.4 | 757.1 | 754.4 | 757.4 | 765.5 | * 758.9 | *766.4 | *757.1 | *758.2 | 759.5 | 765.0 | - | 733.5 | 739.6 |
| Air Temperature (in C) | 10.7 | 9.6 | 26.7 | 28.9 | 27.6 | 29.2 | 27.9 | 20.0 | 28.0 | 17.0 | 26.0 | - | 24.0 | - | - | 2.0 | 2.0 |
| Direction and Force of Winds (0-12) | calm | - 1 | ENE 4 | SE 2 | NE 2 | ENE 3 | NE 2 | ENE 5 | NE 2 | NNE 1 | E 1 | ENE 2 | E 1 | SE 3 | - | SE - | calm |
| Weather | cloudy | cloudy | cloudy | cloudy | - | fair | fair | cloudy | cloudy | fog | cloudy | fair | fair | clear | - | rain | rain |


印刷人 發行所 神戸市中山手通七丁目 海洋氣象臺

昭和五年一二月一六日

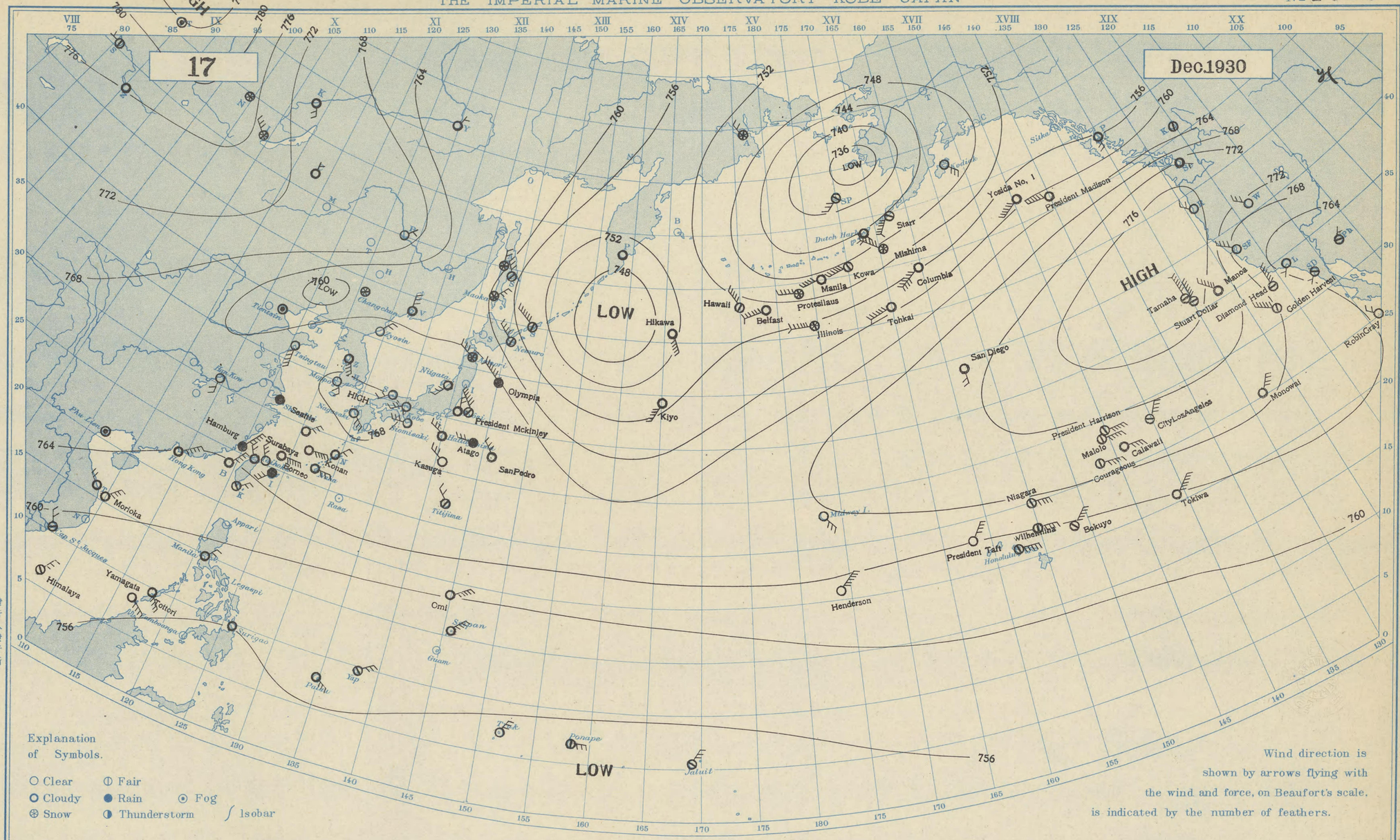
北太平洋天氣圖 第二九〇七號

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2908




| Station / Hour of Observation | Taihoku 12h, 135E | Naha 12h, 135E | Nagasaki 12h, 135E | Siomisaki 12h, 135E | Kôbe 12h, 135E | Tyôsi 12h, 135E | Hatidyôsima 12h, 135E | Titizima 12h, 135E | Niigata 12h, 135E | Aomori 12h, 135E | Nemuro 12h, 135E | Maoka 12h, 135E | Moppo 12h, 135E | Zyôsin 12h, 135E | Changchun 12h, 135E | Tientsin 12h, 135E | Tsingtau 12h, 135E |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd. Gr. / * not reduced to Strd. Gr.) | 764.0 | 765.1 | 768.4 | 767.3 | 768.0 | 766.0 | 766.8 | 766.3 | 767.4 | 765.3 | 758.0 | 757.5 | 768.7 | 765.7 | 762.8 | 762.9 | 765.0 |
| Air Temperature (in C) | 21.0 | 22.2 | 10.8 | 11.9 | 10.6 | 7.9 | 13.4 | 20.6 | 2.8 | - 3.2 | - 2.5 | - 9.0 | 5.7 | - 0.8 | - 9.5 | - 4.0 | 9.2 |
| Direction and Force of Winds (0-12) | NW 2 | E 3 | SE 3 | W 3 | WSW 3 | N 2 | WNW 3 | NW 2 | SSW 3 | WNW 3 | NW 4 | NE 3 | SSE 2 | NNE 2 | - 1 | calm | S 5 |
| Weather | cloudy | cloudy | clear | clear | clear | cloudy | cloudy | fair | cloudy | snow | fair | snow | clear | clear | snow | fog | clear |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truck 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 14h | Phu-Lien 10h, | Surigao 14h, | Yap 14h, | Honolulu Midnight G.M.T. | Midway I. Midnight G.M.T. | Nome 14h, 165W | Dutch Harbor Midnight G.M.T. | Kodiak Midnight G.M.T. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd Gr. / * not reduced to Strd Gr.) | 766.6 | 766.9 | 758.9 | 756.8 | 755.5 | 755.0 | 757.4 | 764.0 | * 758.5 | * 764.9 | * 756.8 | * 757.8 | 762.0 | 767.6 | - | 742.7 | 746.2 |
| Air Temperature (in C) | 10.4 | 12.7 | 26.8 | 29.7 | 26.7 | 29.4 | 28.4 | 18.0 | 28.0 | 17.0 | 27.0 | - | 24.0 | - | - | 2.0 | 3.0 |
| Direction and Force of Winds (0-12) | calm | S 2 | NE 4 | ESE 3 | NE 3 | E 3 | NE 3 | ENE 5 | NNE 2 | calm | calm | ENE 3 | E 5 | SE 3 | - | SE - | SE 3 |
| Weather | rain | clear | cloudy | cloudy | - | fair | fair | cloudy | cloudy | fog | cloudy | fair | fair | clear | - | cloudy | clear |

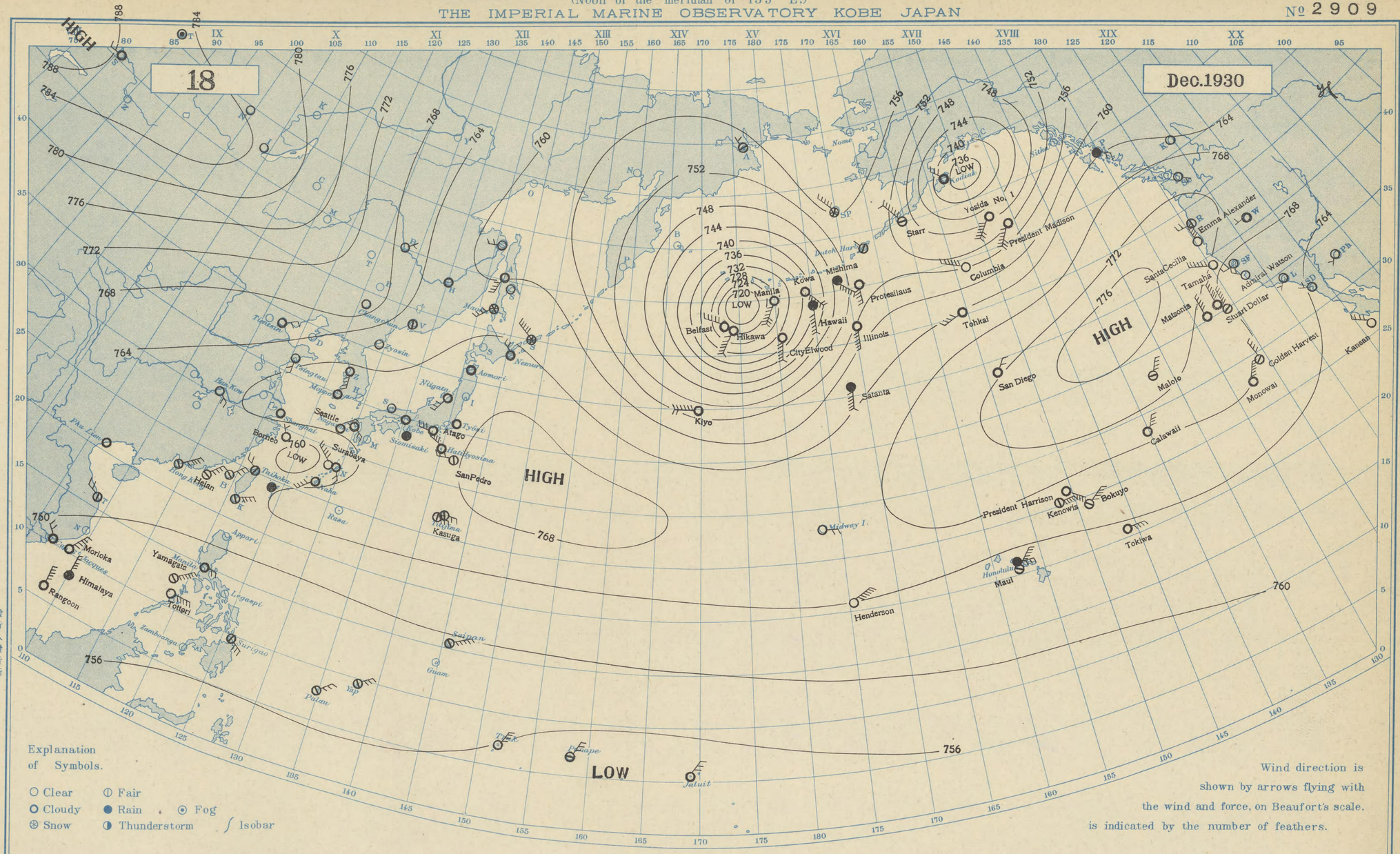

發行人發行所 印刷人販賣所 神戸市中山手通七丁目 海洋氣象臺

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2909




| Station / Hour of Observation | Taihoku 12h, 135E | Naha 12h, 135E | Nagasaki 12h, 135E | Siomisaki 12h, 135E | Kôbe 12h, 135E | Tyôsi 12h, 135E | Hatidyôsima 12h, 135E | Titizima 12h, 135E | Niigata 12h, 135E | Aomori 12h, 135E | Nemuro 12h, 135E | Maoka 12h, 135E | Moppo 12h, 135E | Zyôsin 12h, 135E | Changchun 12h, 135E | Tientsin 12h, 135E | Tsingtau 12h, 135E |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd. Gr.) | 763.1 | 763.9 | 765.1 | 767.1 | 767.3 | 766.6 | 767.1 | 767.2 | 765.7 | 765.1 | 766.0 | 762.3 | 765.1 | 760.7 | 769.0 | 766.8 | 763.8 |
| * not reduced to Strd. Gr. | 22.4 | 24.8 | 12.5 | 13.0 | 9.9 | 9.6 | 17.0 | 22.1 | 6.3 | 0.2 | - 3.5 | - 5.3 | 10.0 | 3.0 | -16.6 | - 7.8 | 11.3 |
| Air Temperature (in C) | WNW 2 | SW 4 | ESE 2 | calm | - 1 | - 1 | WNW 4 | E 2 | SSW 3 | - 1 | NW 2 | SW 4 | - 1 | - 1 | - 1 | ENE 2 | S 2 |
| Direction and Force of Winds (0-12) | fair | cloudy | cloudy | rain | cloudy | cloudy | cloudy | fair | cloudy | cloudy | cloudy | snow | cloudy | clear | clear | cloudy | clear |
| Weather | | | | | | | | | | | | | | | | | |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truck 7h, | Ponape' 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 14h | Phû-Lien 10h, | Surigao 14h, | Yap 14h, | Honolulu Midnight G.M.T. | Midway I. Midnight G.M.T. | Nome 14h, 165W | Dutch Harbor Midnight G.M.T. | Kodiak Midnight G.M.T. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd Gr.) | 764.5 | 763.8 | 759.6 | 757.5 | 755.9 | 755.3 | 756.7 | 763.0 | * 757.8 | * 763.0 | * 757.5 | * 758.4 | 762.5 | 765.5 | - | 758.9 | 736.6 |
| * not reduced to Strd Gr. | 13.2 | 13.5 | 26.9 | 29.3 | 27.6 | 28.3 | 27.4 | 23.0 | 30.0 | 20.0 | 28.0 | - | 23.0 | - | - | 0.0 | 4.0 |
| Air Temperature (in C) | calm | ESE 2 | ENE 5 | NE 3 | NE 4 | NE 3 | NE 3 | ENE 5 | E 2 | calm | ESE 3 | ENE 3 | E 3 | E 2 | - | NW - | NW 3 |
| Direction and Force of Winds (0-12) | cloudy | clear | fair | fair | - | fair | cloudy | fair | cloudy | cloudy | fair | fair | rain | clear | - | fair | cloudy |
| Weather | | | | | | | | | | | | | | | | | |


印刷人販賣所 神戸市中山手通七丁目 海洋氣象臺 發行人發行所

昭和五年一一月一八日

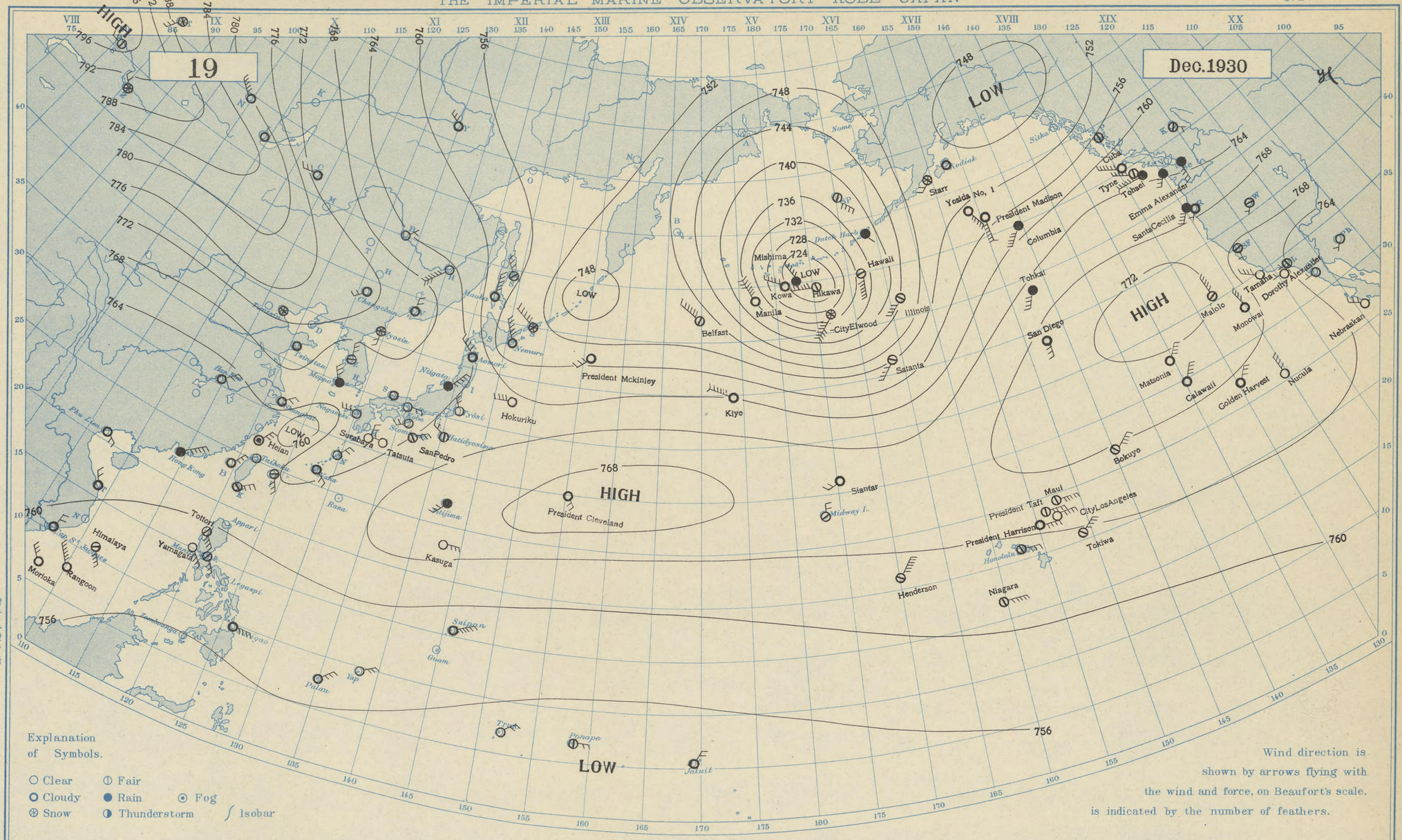
北太平洋天氣圖 第二九〇九號

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2910




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's scale, is indicated by the number of feathers.

| Station / Hour of Observation | Taihoku 12h, 135E | Naha 12h, 135E | Nagasaki 12h, 135E | Siomisaki 12h, 135E | Kôbe 12h, 135E | Tyôsi 12h, 135E | Hatidyôsima 12h, 135E | Titizima 12h, 135E | Niigata 12h, 135E | Aomori 12h, 135E | Nemuro 12h, 135E | Maoka 12h, 135E | Moppo 12h, 135E | Zyôsin 12h, 135E | Changchun 12h, 135E | Tientsin 12h, 135E | Tsingtau 12h, 135E |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd. Gr. / * not reduced to Strd. Gr.) | 762.8 | 764.7 | 764.9 | 764.1 | 765.2 | 761.4 | 763.0 | 765.0 | 765.5 | 764.1 | 754.7 | 758.1 | 765.7 | 770.4 | 772.6 | 774.7 | 769.5 |
| Air Temperature (in C) | 25.6 | 24.7 | 18.6 | 19.8 | 12.6 | 12.1 | 19.6 | 22.4 | 8.0 | 1.7 | 0.8 | - 5.0 | 9.7 | - 0.1 | -12.3 | - 2.4 | 5.3 |
| Direction and Force of Winds (0-12) | calm | ESE 2 | W 3 | WSW 2 | E 2 | NNW 2 | WNW 2 | SSW 3 | NNE 5 | NW 4 | NNW 5 | N 5 | NNW 3 | S 2 | SW 2 | - 1 | calm |
| Weather | clear | cloudy | clear | clear | clear | clear | fair | rain | rain | cloudy | cloudy | cloudy | rain | snow | cloudy | snow | cloudy |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truck 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 14h | Phu-Lien 10h, | Surigao 14h, | Yap 14h, | Honolulu Midnight G.M.T. | Midway I. Midnight G.M.T. | Nome 14h, 165W | Dutch Harbor Midnight G.M.T. | Kodiak Midnight G.M.T. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd Gr. / * not reduced to Strd Gr.) | 765.5 | 762.8 | 758.9 | 757.5 | 755.5 | 754.5 | 756.6 | 762.3 | * 759.3 | * 761.8 | * 759.2 | * 757.7 | 761.5 | 765.5 | - | 737.1 | 748.8 |
| Air Temperature (in C) | 15.0 | 12.4 | 26.3 | 28.5 | 27.0 | 28.9 | 28.1 | 21.0 | 31.0 | 21.0 | 29.0 | - | 23.0 | - | - | 1.0 | 0.0 |
| Direction and Force of Winds (0-12) | NE 2 | NE 3 | ENE 5 | NE 3 | NE 2 | E 2 | NE 2 | ENE 5 | SE 3 | ESE 2 | E 4 | ENE 3 | E 3 | N 2 | - | SE - | calm |
| Weather | cloudy | cloudy | cloudy | cloudy | - | fair | cloudy | rain | fair | cloudy | cloudy | clear | fair | fair | - | rain | cloudy |

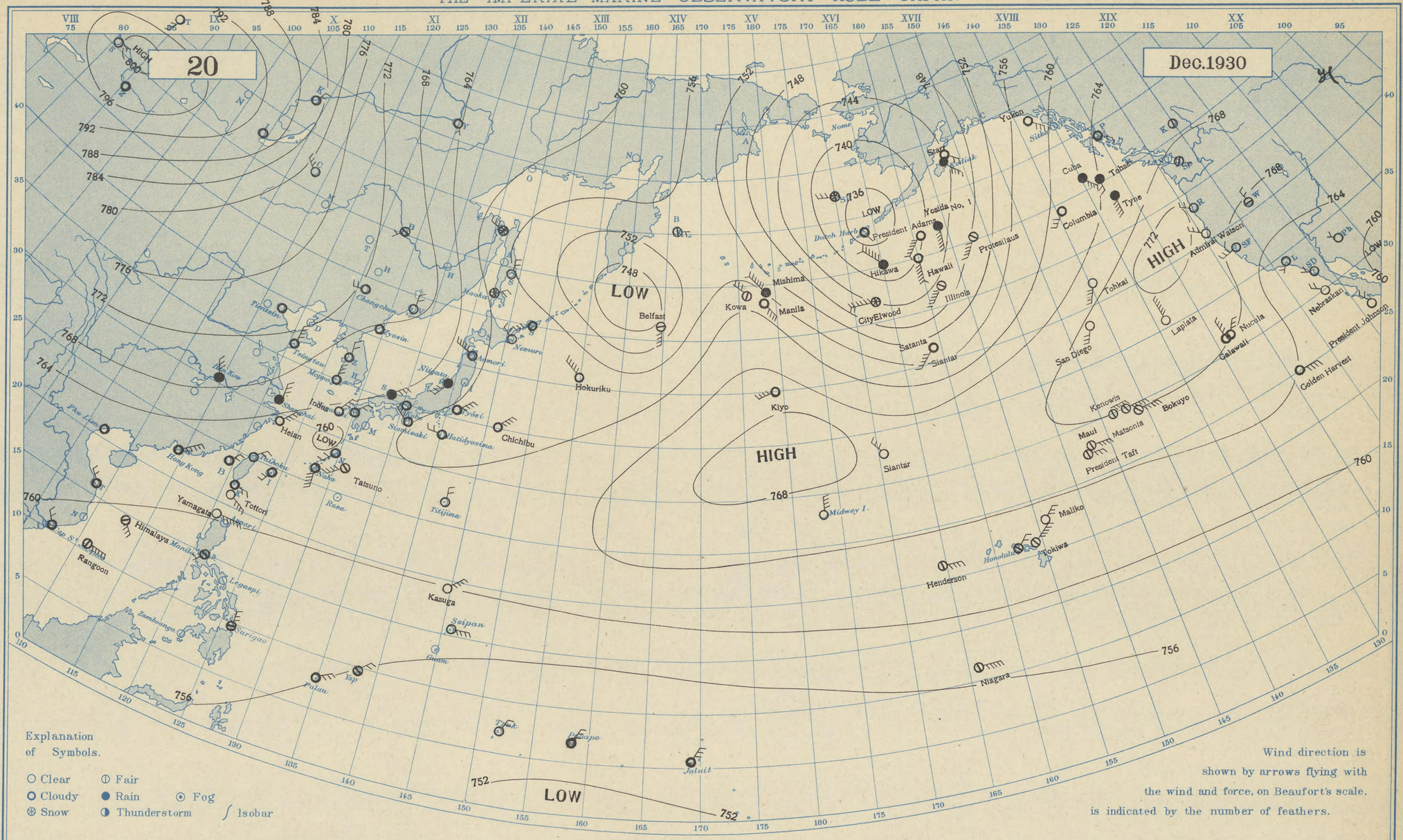
發行人發行所 印刷人販賣所 神戸市中山手通七丁目 海洋氣象臺

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2911




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's scale, is indicated by the number of feathers.

| Station / Hour of Observation | Taihoku 12h, 135E | Naha 12h, 135E | Nagasaki 12h, 135E | Siomisaki 12h, 135E | Kôbe 12h, 135E | Tyôsi 12h, 135E | Hatidyôsima 12h, 135E | Titizima 12h, 135E | Niigata 12h, 135E | Aomori 12h, 135E | Nemuro 12h, 135E | Maoka 12h, 135E | Moppo 12h, 135E | Zyôsin 12h, 135E | Changchun 12h, 135E | Tientsin 12h, 135E | Tsingtau 12h, 135E |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd. Gr.) | 762.4 | 762.4 | 762.2 | 760.0 | 762.1 | 759.6 | 759.1 | 762.0 | 763.5 | 761.0 | 757.8 | 757.1 | 765.5 | 767.0 | 771.1 | 774.5 | 770.9 |
| Air Temperature (in C) | 28.0 | 24.0 | 14.5 | 18.1 | 11.8 | 11.6 | 18.2 | 24.3 | 5.7 | 2.6 | 0.3 | - 6.8 | 8.2 | 2.2 | -11.0 | - 1.2 | 1.6 |
| Direction and Force of Winds (0-12) | NE 2 | S 5 | NNE 2 | NW 3 | NE 4 | NE 4 | W 2 | N 2 | SSW 3 | WNW 5 | NW 2 | ENE 2 | N 3 | - 1 | W 2 | - 1 | N 4 |
| Weather | clear | cloudy | cloudy | cloudy | cloudy | cloudy | cloudy | clear | rain | cloudy | clear | snow | cloudy | cloudy | cloudy | cloudy | cloudy |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truck 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 14h | Phu-Lien 10h, | Surigao 14h, | Yap 14h, | Honolulu Midnight G.M.T. | Midway I. Midnight G.M.T. | Nome 14h, 165W | Dutch Harbor Midnight G.M.T. | Kodiak Midnight G.M.T. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd Gr.) | 766.7 | 770.6 | 757.1 | 756.4 | 756.2 | 753.6 | 756.4 | 762.0 | * 759.4 | * 761.8 | * 758.5 | * 756.9 | 761.0 | 766.6 | - | 735.6 | 743.2 |
| Air Temperature (in C) | 10.7 | 3.0 | 27.2 | 28.6 | 27.2 | 28.5 | 27.8 | 22.0 | 29.0 | 22.0 | 29.0 | - | 23.0 | - | - | 1.0 | 3.0 |
| Direction and Force of Winds (0-12) | N 3 | NNW 3 | E 4 | ENE 3 | NE 2 | NE 3 | NE 3 | ENE 5 | SSW 1 | calm | N 3 | NE 2 | NE 2 | N 4 | - | SE - | SE 4 |
| Weather | rain | rain | clear | cloudy | - | cloudy | cloudy | cloudy | fair | cloudy | fair | fair | fair | clear | - | cloudy | rain |


発行人 印刷人 神戸市中山手通七丁目 海洋氣象臺

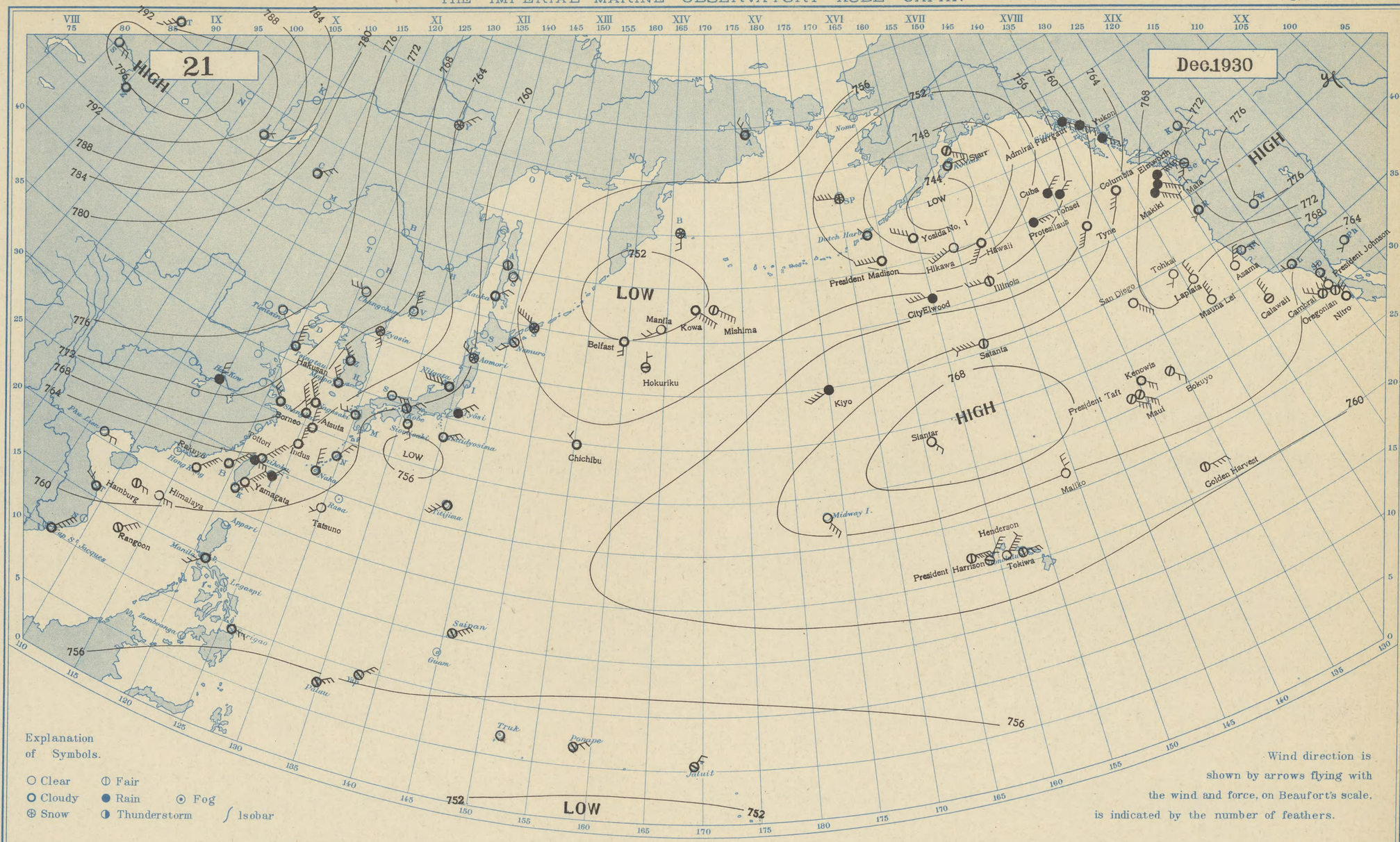
発行所 神戸市中山手通七丁目 海洋氣象臺

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2912




| Station / Hour of Observation | Taihoku 12h, 135E | Naha 12h, 135E | Nagasaki 12h, 135E | Siomisaki 12h, 135E | Kôbe 12h, 135E | Tyôsi 12h, 135E | Hatidyôsima 12h, 135E | Titizima 12h, 135E | Niigata 12h, 135E | Aomori 12h, 135E | Nemuro 12h, 135E | Maoka 12h, 135E | Moppo 12h, 135E | Zyôsin 12h, 135E | Changchun 12h, 135E | Tientsin 12h, 135E | Tsingtau 12h, 135E |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd. Gr. / * not reduced to Strd. Gr.) | 763.9 | 761.8 | 760.5 | 758.5 | 760.7 | 759.1 | 756.7 | 757.6 | 762.4 | 759.7 | 756.4 | 756.3 | 766.1 | 767.0 | 772.4 | 776.8 | 772.9 |
| Air Temperature (in C) | 20.2 | 22.3 | 16.1 | 15.0 | 10.9 | 9.9 | 16.8 | 23.9 | 6.7 | - 0.8 | 0.2 | - 9.6 | 5.4 | - 1.0 | -15.8 | 0.9 | 1.6 |
| Direction and Force of Winds (0-12) | E 3 | N 4 | W 2 | SSE 2 | NE 2 | NE 3 | ENE 3 | SW 4 | W 5 | WNW 3 | SW 2 | NE 2 | NNW 3 | SSE 3 | W 3 | - 1 | N 5 |
| Weather | rain | cloudy | cloudy | cloudy | fair | rain | cloudy | cloudy | cloudy | snow | fair | cloudy | cloudy | snow | clear | clear | cloudy |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truck 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 14h | Phu-Lien 10h, | Surigao 14h, | Yap 14h, | Honolulu Midnight G.M.T. | Midway I. Midnight G.M.T. | Nome 14h, 165W | Dutch Harbor Midnight G.M.T. | Kodiak Midnight G.M.T. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd Gr. / * not reduced to Strd Gr.) | 769.6 | 774.8 | 757.1 | 755.7 | 756.6 | 754.5 | 756.5 | - | * 758.9 | * 761.7 | * 757.6 | * 757.6 | 761.5 | 764.5 | - | 749.3 | 747.3 |
| Air Temperature (in C) | 6.7 | 1.4 | 26.9 | 29.4 | 26.4 | 27.9 | 28.6 | - | 30.0 | 24.0 | 27.0 | - | 23.0 | - | - | - 1.0 | 3.0 |
| Direction and Force of Winds (0-12) | NW 3 | N 3 | ENE 4 | ENE 3 | calm | ENE 2 | NE 2 | - | SW 3 | E 2 | E 2 | NE 3 | E 3 | SE 4 | - | NW - | E 3 |
| Weather | cloudy | rain | fair | fair | - | fair | fair | - | cloudy | clear | cloudy | fair | fair | clear | - | cloudy | cloudy |

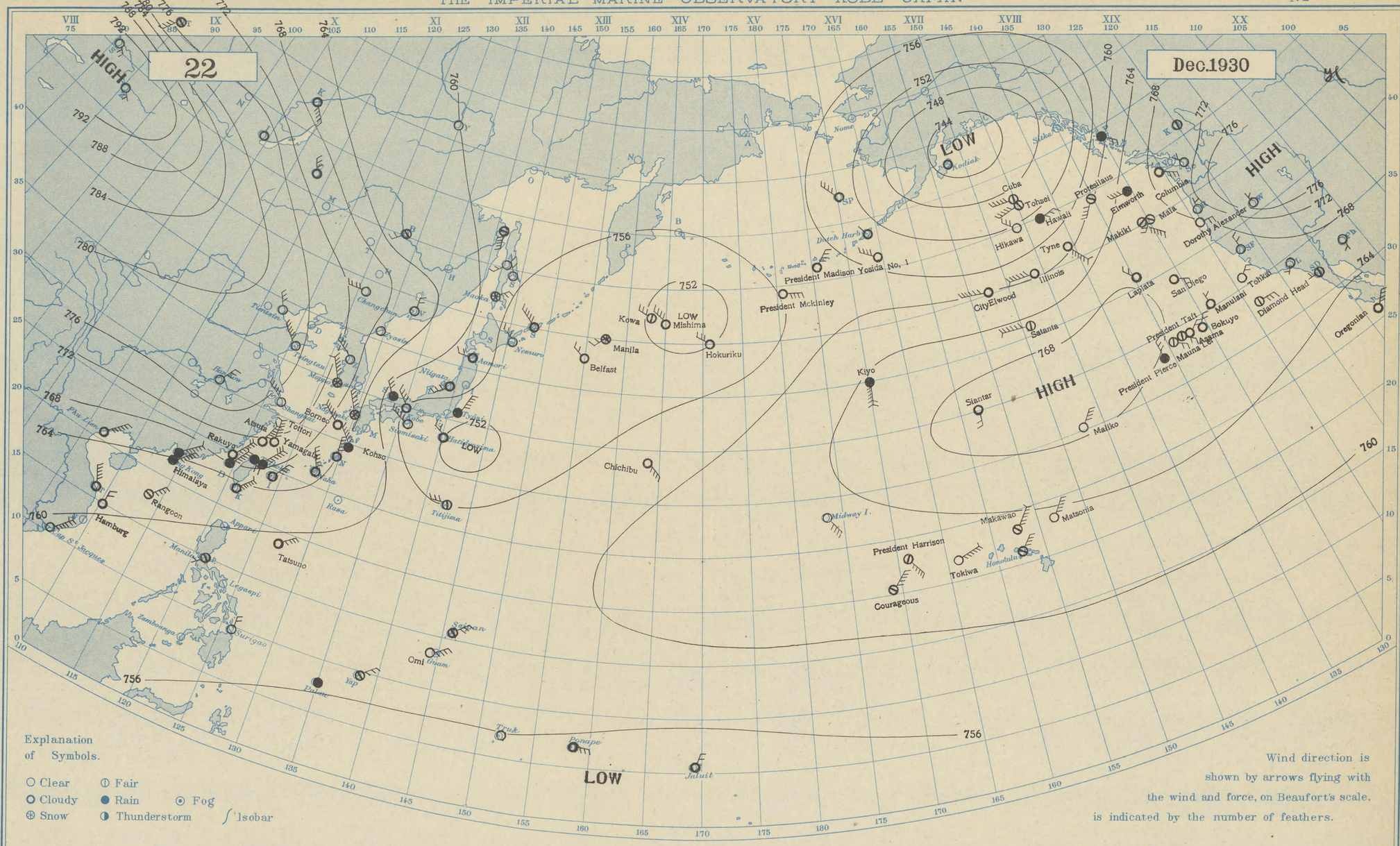
發行人發行所 印刷人販賣所 神戸市中山手通七丁目 海洋氣象臺

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 2913




| Station / Hour of Observation | Taihoku 12h, 135E | Naha 12h, 135E | Nagasaki 12h, 135E | Siomisaki 12h, 135E | Kôbe 12h, 135E | Tyôsi 12h, 135E | Hatidyôsima 12h, 135E | Titizima 12h, 135E | Niigata 12h, 135E | Aomori 12h, 135E | Nemuro 12h, 135E | Maoka 12h, 135E | Moppo 12h, 135E | Zyôsin 12h, 135E | Changchun 12h, 135E | Tientsin 12h, 135E | Tsingtau 12h, 135E |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd. Gr.) | 769.1 | 764.8 | 765.4 | 754.0 | 755.8 | 754.6 | 752.3 | 756.0 | 757.8 | 757.9 | 755.0 | 756.0 | 769.5 | 765.7 | 771.0 | 778.4 | 776.1 |
| * not reduced to Strd. Gr. | | | | | | | | | | | | | | | | | |
| Air Temperature (in C) | 15.1 | 17.4 | 2.8 | 13.6 | 6.0 | 5.9 | 14.7 | 24.4 | 1.8 | - 2.4 | - 3.4 | -12.4 | 0.9 | - 1.7 | -14.4 | - 1.9 | - 3.2 |
| Direction and Force of Winds (0-12) | E 3 | NNW 6 | NNW 5 | WNW 5 | NW 4 | NNE 5 | WNW 2 | W 3 | SW 3 | W 2 | NW 3 | ENE 2 | NNW 7 | - 1 | W 4 | NNW 3 | NW 6 |
| Weather | rain | cloudy | snow | clear | cloudy | rain | cloudy | fair | cloudy | cloudy | clear | snow | snow | clear | clear | clear | clear |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truck 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 14h, | Phu-Lien 10h, | Surigao 14h, | Yap 14h, | Honolulu Midnight G.M.T. | Midway I. Midnight G.M.T. | Nome 14h, 165W | Dutch Harbor Midnight G.M.T. | Kodiak Midnight G.M.T. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd Gr.) | 775.7 | 778.9 | 757.5 | 756.7 | 756.2 | 754.6 | 756.9 | 766.6 | * 759.2 | * 765.0 | * 758.4 | * 757.2 | 763.0 | 762.5 | - | 753.9 | 742.7 |
| * not reduced to Strd Gr. | | | | | | | | | | | | | | | | | |
| Air Temperature (in C) | 7.3 | 5.0 | 27.3 | 23.7 | 26.0 | 28.2 | 28.2 | 13.0 | 30.0 | 18.0 | 27.0 | - | 23.0 | - | - | 0.0 | 1.0 |
| Direction and Force of Winds (0-12) | NW 5 | NNE 3 | ENE 3 | - 1 | calm | E 3 | NNE 2 | ENE 7 | SW 1 | ENE 6 | N 2 | NE 3 | NE 4 | SE 4 | - | NW - | calm |
| Weather | clear | clear | fair | rain | - | cloudy | cloudy | rain | fair | cloudy | clear | fair | fair | clear | - | cloudy | cloudy |

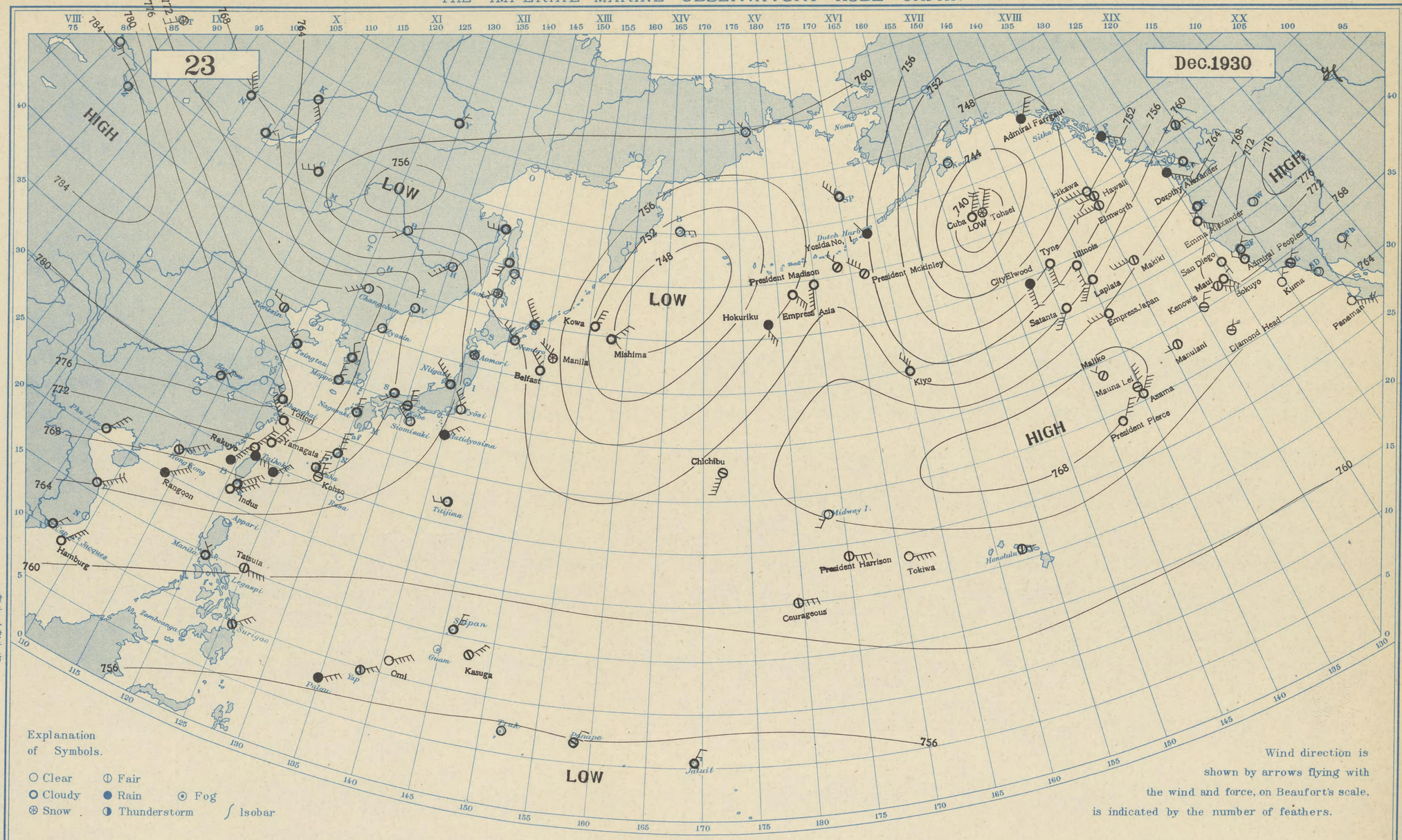

発行人 発行所
印刷人 販賣所
神戸市中山手通七丁目
海洋氣象臺

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2914




| Station / Hour of Observation | Taihoku 12h, 135E | Naha 12h, 135E | Nagasaki 12h, 135E | Siomisaki 12h, 135E | Kôbe 12h, 135E | Tyôsi 12h, 135E | Hatidyôsima 12h, 135E | Titizima 12h, 135E | Niigata 12h, 135E | Aomori 12h, 135E | Nemuro 12h, 135E | Maoka 12h, 135E | Moppo 12h, 135E | Zyôsin 12h, 135E | Changchun 12h, 135E | Tientsin 12h, 135E | Tsingtau 12h, 135E |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd. Gr. / * not reduced to Strd. Gr.) | 770.2 | 768.5 | 770.7 | 766.5 | 767.5 | 763.4 | 763.0 | 762.4 | 764.8 | 762.8 | 760.2 | 759.1 | 772.4 | 767.8 | 772.2 | 773.9 | 774.7 |
| Air Temperature (in C) | 14.4 | 16.0 | 4.9 | 8.4 | 6.5 | 5.6 | 8.0 | 17.8 | 3.7 | - 3.5 | - 5.4 | - 8.2 | 2.6 | - 2.2 | -11.0 | - 1.8 | - 0.8 |
| Direction and Force of Winds (0-12) | E 3 | NNE 4 | N 2 | NW 3 | N 3 | NNW 4 | NE 3 | W 2 | NW 5 | - 1 | NW 4 | WSW 2 | N 3 | - 1 | WSW 4 | WNW 2 | NW 2 |
| Weather | rain | cloudy | cloudy | clear | fair | clear | rain | cloudy | cloudy | snow | cloudy | snow | cloudy | clear | clear | fair | cloudy |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truck 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 14h | Phu-Lien 10h, | Surigao 14h, | Yap 14h, | Honolulu Midnight G.M.T. | Midway I. Midnight G.M.T. | Nome 14h, 165W | Dutch Harbor Midnight G.M.T. | Kodiak Midnight G.M.T. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd Gr. / * not reduced to Strd Gr.) | 776.2 | 778.8 | 759.4 | 756.6 | 755.8 | 756.1 | 756.4 | 769.9 | * 760.7 | * 770.2 | *759.2 | * 758.7 | 763.0 | 764.0 | - | 755.9 | 744.7 |
| Air Temperature (in C) | 2.0 | 4.0 | 26.1 | 26.0 | 25.8 | 28.4 | 27.2 | 12.0 | 30.0 | 14.0 | 28.0 | - | 23.0 | - | - | - 1.0 | 0.0 |
| Direction and Force of Winds (0-12) | NW 2 | NE 2 | NNE 3 | ENE 4 | calm | NE 2 | NE 2 | ENE 6 | NW 1 | NNE 5 | NE 4 | ENE 3 | E 1 | SW 2 | - | NW - | calm |
| Weather | cloudy | cloudy | cloudy | rain | - | fair | cloudy | fair | cloudy | cloudy | fair | fair | fair | clear | - | rain | clear |


印刷人販賣所 神戸市中山手通七丁目 海洋氣象臺

發行人發行所

昭和五年一二月二一日

北太平洋天氣圖

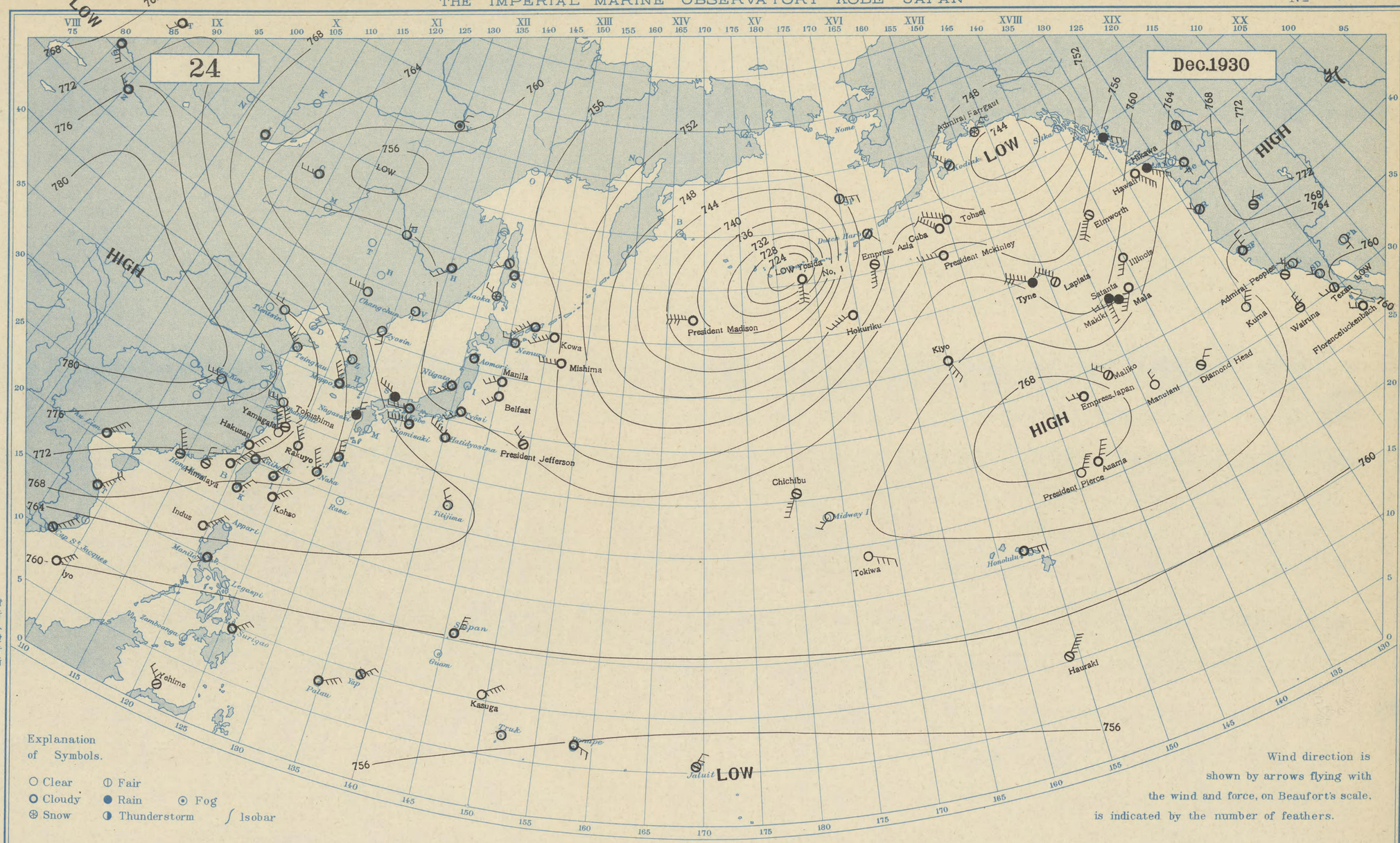
第四一九二號

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 2915

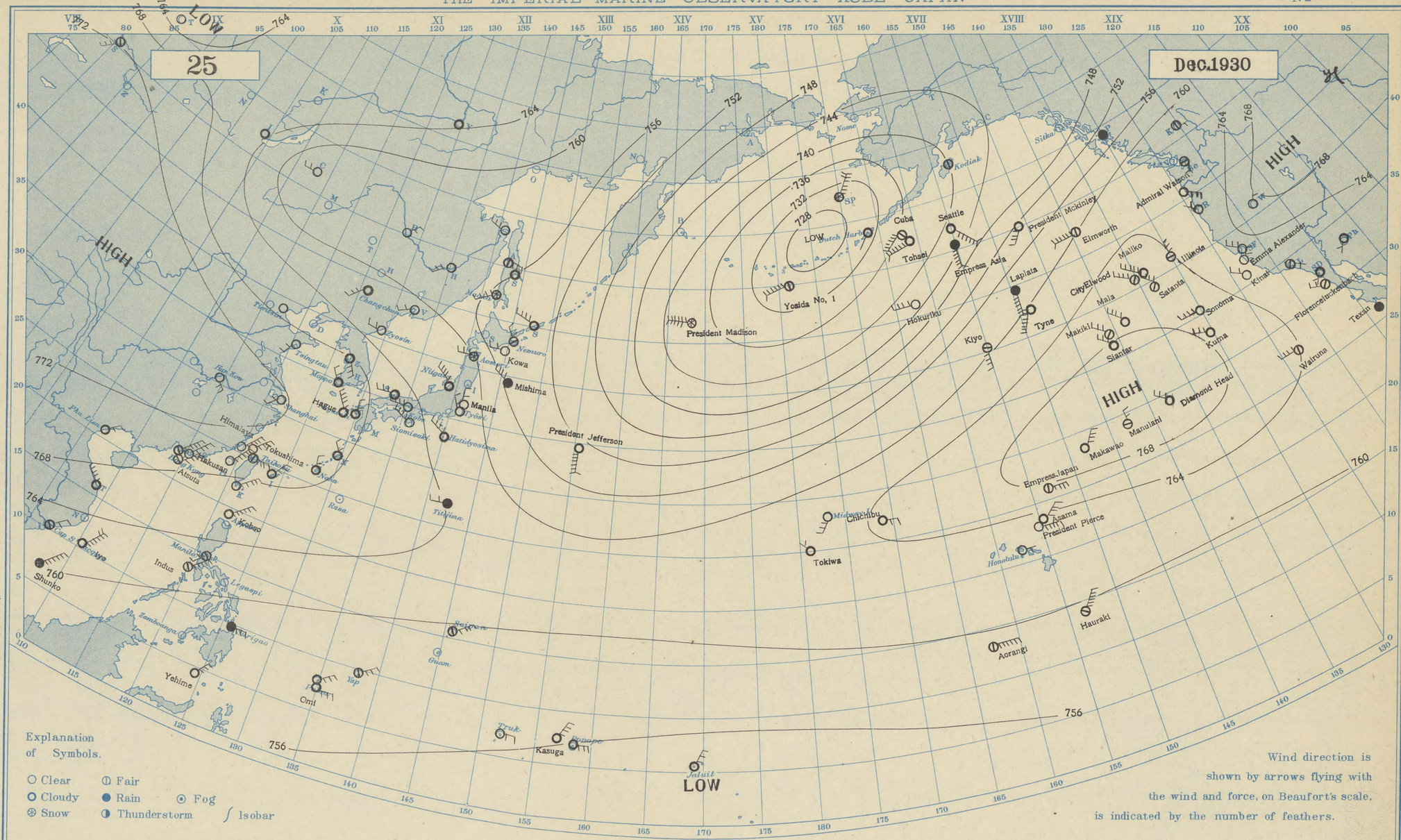

24
Dec.1930
HIGH
LOW
LOW
LOW
HIGH
HIGH
LOW
Yosida No. 1
President Madison
President Jefferson
President McKinley
Empress Asia
Cuba
Tohsei
Admiral Fargaut
Elmworth
Illinois
Hawaii
Tyne
Laplata
Satania
Maila
Makiki
Admiral Peoples
Kuma
Wairuna
Florenceluckenbich
Toran
Kowa
Mishima
Manila
Belfast
Hokuriku
Kiyo
Mariko
Empress Japan
Manulani
Diamond Head
President Pierce
Asama
Chichibu
Midway I
Tokiwa
Honolulu
Hauraki
Kasuga
Saipan
Guam
Palau
Yap
Truk
Ponape
Jaluit
Iyo
Ehime
Kochi
Tokushima
Yamagata
Hakusan
Rakuyo
Kohso
Himalaya
Indus
Apparl
Manila
Legaspi
Surigao
Zamboanga
Cap St. Jacques
Changchun
Kyosin
Maoka
Nemuro
Niigata
Aomori
Hatidyôsima
Titizima
Tsingtau
Tientsin
Dutch Harbor
Nome
Sitka
Kodiak
Dalny
Hakodate
Moji
Nagasaki
Naha
Taihoku
Amoy
Swatow
Hongkong
Shanghai
Hankow
Yap
Ponape
Truk
Jaluit
Midway I
Honolulu
Hauraki
Florenceluckenbich
Tokiwa
Chichibu
Asama
President Pierce
Mariko
Empress Japan
Manulani
Diamond Head
Kiyo
Hokuriku
President Madison
President Jefferson
Yosida No. 1
Kowa
Mishima
Manila
Belfast
Hatidyôsima
Titizima
Niigata
Aomori
Nemuro
Maoka
Changchun
Kyosin
Tsingtau
Tientsin
Taihoku
Naha
Nagasaki
Hakusan
Yamagata
Tokushima
Rakuyo
Kohso
Himalaya
Indus
Apparl
Manila
Legaspi
Surigao
Zamboanga
Cap St. Jacques
Iyo
Ehime
Kochi
Saipan
Guam
Palau
Yap
Truk
Ponape
Jaluit
Kasuga
Tokiwa
Hauraki
Honolulu
Midway I

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2916

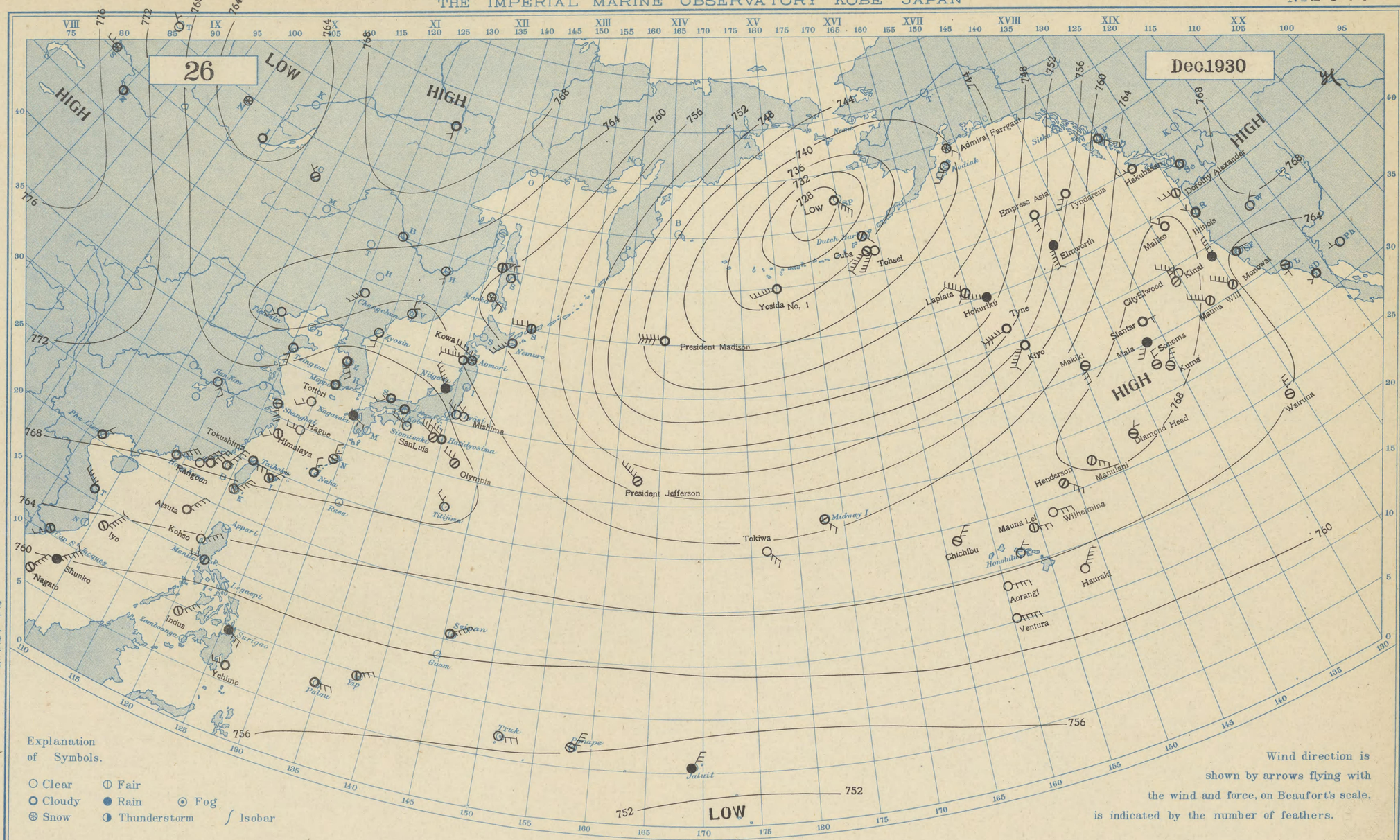

25
Dec.1930
HIGH
LOW
HIGH
HIGH
LOW
President Madison
President Jefferson
Yosida No, 1
Dutch Harbor
Cuba
Tohsei
Seattle
Empress Asia
President McKinley
Elmworth
Admiral Watson
Laplata
Tyne
Kiyo
Hokuriku
Nome
Kodiak
Sitka
Mailko
Illinois
City Elwood
Satanta
Mala
Makiki
Stanfar
Sonoma
Kuma
Diamond Head
Manuiahi
Makawao
Empress Japan
Asama
President Pierce
Honolulu
Midway I.
Chichibu
Tokiwa
Hauraki
Aorangi
Wairuna
Florence Luckenbach
Texan
Emma Alexander
Kinau
Shanghai
Hague
Mishima
Kowa
Manila
Hatidyôsima
Tidjima
Nagasaki
Himalaya
Indus
Shunko
Yehime
Omi
Yap
Guam
Saipon
Truk
Ponape
Kasuga
Jaluit
Legaspi
Zamboanga
Amoy
Swatow
Hongkong
Changchun
Tsingtau
Tientsin
Nemuro
Aomori
Niigata
Titizima
Hatidyôsima
Kôbe
Tyôsi
Siomisaki
Palau
Truck
Ponape
Jaluit
Saipan
Yap
Omi
Yehime
Shunko
Taihoku
Naha
Nagasaki
Shanghai
Hankow
Hongkong
Manila
Legaspi
Zamboanga
Indus
Himalaya
Hague
Changchun
Tsingtau
Tientsin
Nemuro
Aomori
Niigata
Titizima
Hatidyôsima
Kôbe
Tyôsi
Siomisaki
Palau
Truck
Ponape
Jaluit
Saipan
Yap
Guam

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№2917




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's scale, is indicated by the number of feathers.

| Station / Hour of Observation | Taihoku 12h, 135E | Naha 12h, 135E | Nagasaki 12h, 135E | Siomisaki 12h, 135E | Kôbe 12h, 135E | Tyôsi 12h, 135E | Hatidyôsima 12h, 135E | Titizima 12h, 135E | Niigata 12h, 135E | Aomori 12h, 135E | Nemuro 12h, 135E | Maoka 12h, 135E | Moppo 12h, 135E | Zyôsin 12h, 135E | Changchun 12h, 135E | Tientsin 12h, 135E | Tsingtau 12h, 135E |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd. Gr.; * not reduced to Strd. Gr.) | 768.7 | 769.1 | 770.2 | 769.2 | 770.2 | 766.6 | 768.3 | 768.4 | 767.8 | 763.7 | 759.7 | 757.8 | 770.0 | 766.0 | 762.7 | 762.9 | 766.5 |
| Air Temperature (in C) | 17.8 | 17.2 | 8.8 | 11.8 | 7.2 | 10.5 | 12.6 | 21.3 | 5.8 | 3.6 | 1.6 | - 6.8 | 7.4 | 4.4 | - 6.0 | - 0.4 | 7.3 |
| Direction and Force of Winds (0-12) | E 3 | N 2 | ESE 2 | WNW 3 | - 1 | NW 2 | WNW 4 | NW 2 | NNW 6 | WNW 5 | SW 5 | ESE 2 | - 1 | S 2 | SSW 3 | SW 2 | S 3 |
| Weather | cloudy | cloudy | rain | clear | cloudy | clear | cloudy | clear | rain | snow | clear | snow | cloudy | clear | clear | clear | clear |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truck 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 14h | Phu-Lien 10h, | Surigao 14h, | Yap 14h, | Honolulu Midnight G.M.T. | Midway I. Midnight G.M.T. | Nome 14h, 165W | Dutch Harbor Midnight G.M.T. | Kodiak Midnight G.M.T. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd Gr.; * not reduced to Strd Gr.) | 770.4 | 769.7 | 761.6 | 758.2 | 757.3 | 756.4 | 755.0 | 768.4 | * 760.7 | *768.7 | *759.5 | * 759.6 | 764.5 | 763.5 | - | 735.6 | 739.6 |
| Air Temperature (in C) | 8.1 | 9.7 | 24.9 | 28.5 | 27.3 | 28.3 | 25.8 | 17.0 | 30.0 | 17.0 | 25.0 | - | 23.0 | - | - | 2.0 | 2.0 |
| Direction and Force of Winds (0-12) | SSE 3 | SE 2 | ENE 5 | E 3 | E 3 | NE 4 | NNE 3 | ENE 5 | W 2 | NNE 1 | ESE 3 | ENE 3 | NE 1 | SE 2 | - | SE - | SW 3 |
| Weather | fair | clear | cloudy | cloudy | - | fair | rain | cloudy | fair | cloudy | rain | fair | clear | fair | - | fair | clear |


發行人 發行所 印刷人 販賣所 神戸市中山手通七丁目 海洋氣象臺

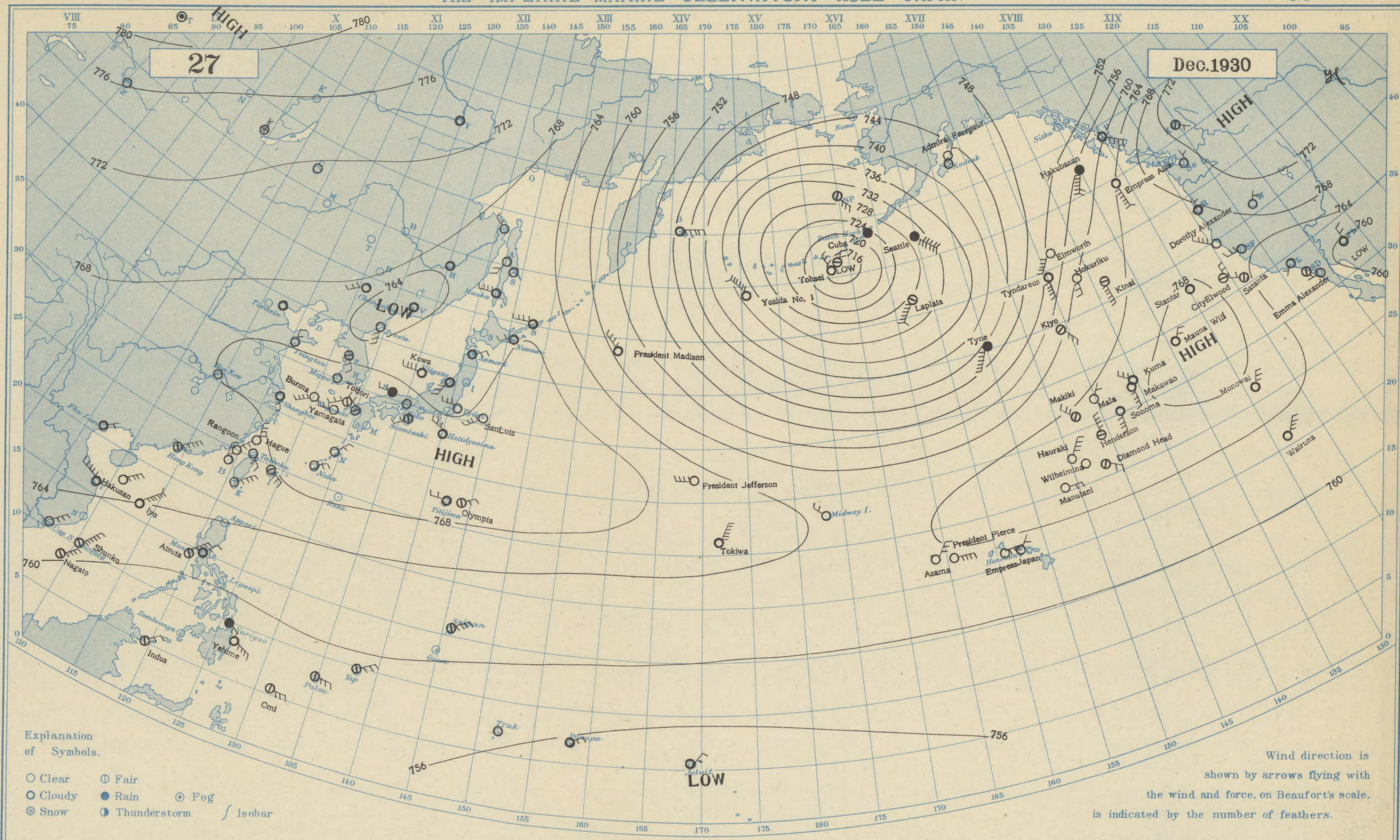
日六二月二一年五和昭 圖氣天洋平太北 號七九一二第

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2918




| Station / Hour of Observation | Taihoku 12h, 135E | Naha 12h, 135E | Nagasaki 12h, 135E | Siomisaki 12h, 135E | Kôbe 12h, 135E | Tyôsi 12h, 135E | Hatidyôsima 12h, 135E | Titizima 12h, 135E | Niigata 12h, 135E | Aomori 12h, 135E | Nemuro 12h, 135E | Maoka 12h, 135E | Moppo 12h, 135E | Zyôsin 12h, 135E | Changchun 12h, 135E | Tientsin 12h, 135E | Tsingtau 12h, 135E |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd. Gr. / * not reduced to Strd. Gr.) | 767.2 | 769.5 | 770.1 | 768.4 | 769.1 | 765.8 | 768.6 | 768.7 | 765.9 | 764.6 | 767.6 | 765.1 | 768.4 | 762.4 | 767.8 | 766.1 | 767.8 |
| Air Temperature (in C) | 22.1 | 19.4 | 13.2 | 14.7 | 11.7 | 11.5 | 13.8 | 21.3 | 7.6 | 3.0 | 0.5 | - 6.2 | 13.3 | 4.8 | -12.4 | 3.6 | 3.7 |
| Direction and Force of Winds (0-12) | SE 2 | ENE 2 | NW 2 | SW 2 | - 1 | W 3 | WNW 3 | W 2 | SSW 3 | ENE 2 | WSW 2 | W 4 | calm | S 3 | WSW 3 | calm | N 2 |
| Weather | clear | clear | fair | fair | clear | clear | cloudy | cloudy | cloudy | cloudy | cloudy | cloudy | clear | clear | cloudy | cloudy | clear |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truck 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 14h | Phu-Lien 10h, | Surigao 14h, | Yap 14h, | Honolulu Midnight G.M.T. | Midway I. Midnight G.M.T. | Nome 14h, 165W | Dutch Harbor Midnight G.M.T. | Kodiak Midnight G.M.T. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd Gr. / * not reduced to Strd Gr.) | 768.1 | 768.1 | 761.7 | 759.5 | 757.3 | 755.7 | 756.8 | 767.1 | * 760.9 | * 767.1 | * 759.7 | * 760.6 | 762.0 | 763.0 | - | 722.4 | 742.7 |
| Air Temperature (in C) | 11.9 | 9.8 | 26.3 | 29.1 | 27.4 | 27.3 | 27.9 | 18.0 | 30.0 | 18.0 | 27.0 | - | 22.0 | - | - | 2.0 | 1.0 |
| Direction and Force of Winds (0-12) | SSE 2 | - 1 | ENE 4 | E 3 | calm | ENE 2 | ENE 2 | ENE 5 | NNE 2 | ENE 1 | ESE 2 | ENE 3 | NE 1 | NW 2 | - | SE - | calm |
| Weather | cloudy | clear | fair | fair | - | cloudy | cloudy | fair | cloudy | cloudy | rain | fair | clear | clear | - | rain | clear |

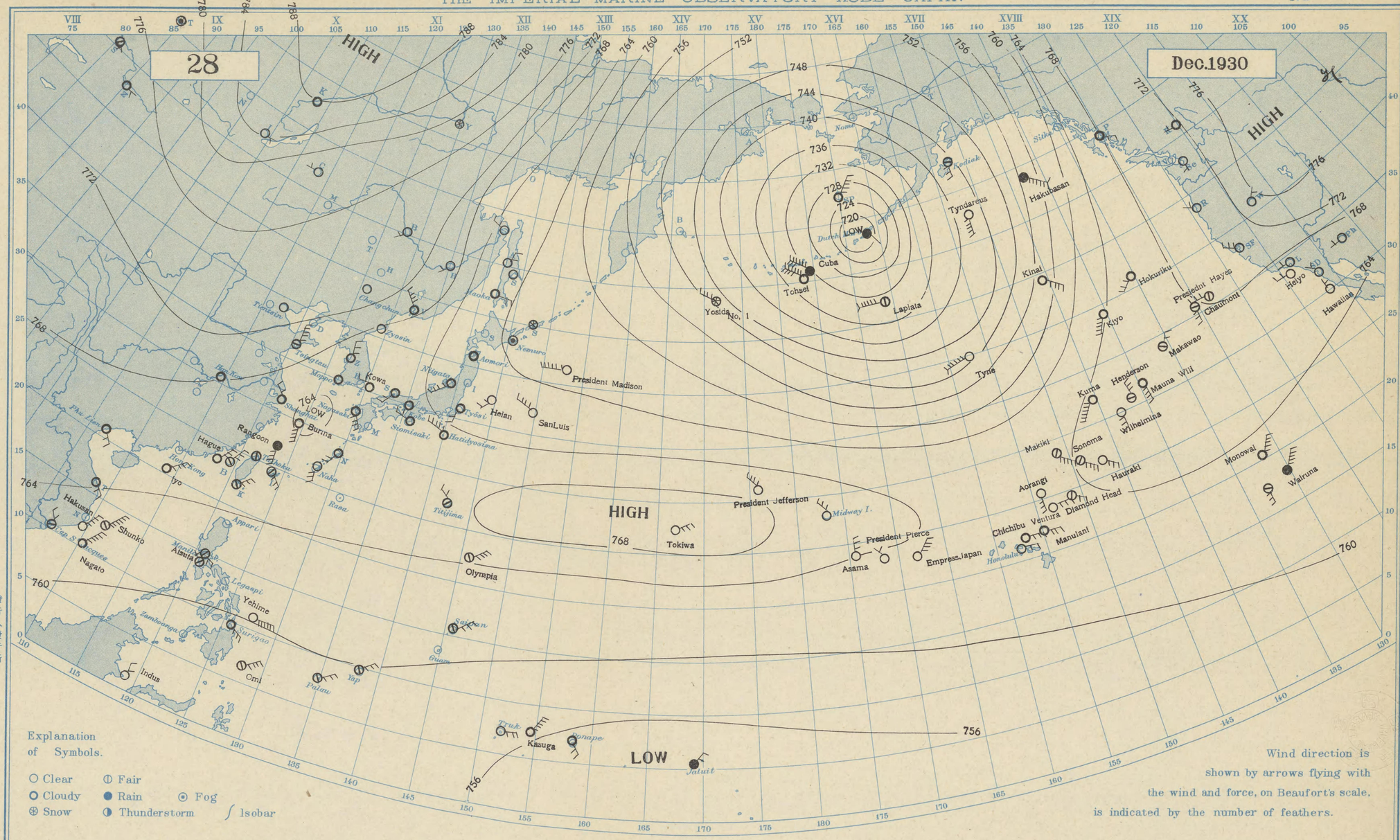

發行人發行所 印刷人販賣所 神戸市中山手通七丁目 海洋氣象臺

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2919

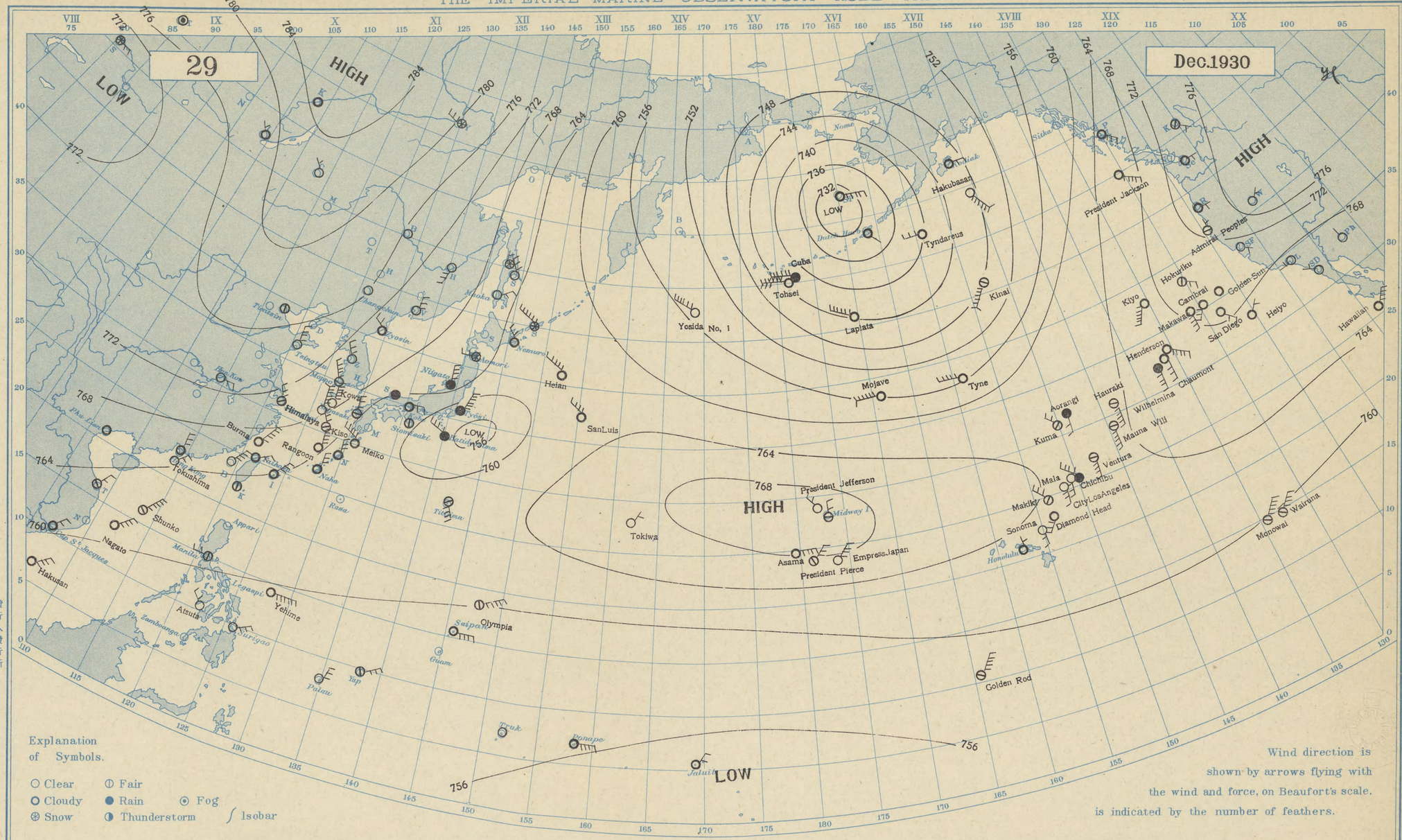

28
Dec.1930
HIGH
HIGH
HIGH
LOW
LOW
Tyndareus
Hakubasan
Cuba
Tchsel
Ycsida No. 1
Lapiata
Kinai
Tyne
President Madison
SanLuis
Heian
Kowa
Burma
Rangoon
Hague
Hakusan
Shunko
Nagato
Iyo
Hongkong
Olympia
President Jefferson
Midway I.
Tokiwa
President Pierce
Asama
Empress Japan
Hokuriku
President Hayes
Chaumont
Helyo
Hawaiian
Kiyo
Makawao
Kuma
Henderson
Mauna Wil
Wilhelmina
Makiki
Sonoma
Hauraki
Aorangi
Diamond Head
Chichibu
Ventura
Honolulu
Manulani
Monowai
Wairuna
Yehime
Indus
Omi
Yap
Palau
Kasuga
Ponape
Jaluit
Truk
Guam
Saipan
Titizima
Nemuro
Aomori
Hatidyôsima
Niigata
Tyôsi
Naha
Rasa
Nagasaki
Sasebo
Moppo
Kobe
Yokohama
Tientsin
Changchun
Vladivostok
Nome
Dutch Harbor
Kodiak
Sitka
764
LOW
768
760
756
752
748
744
740
736
732
728
724
720
772
776
780
784
788
764
760
756
752
748
744
740
736
732
728
724
720
772
768
764
760
756
752
748
744
740
736
732
728
724
720
772
776
780
784
788

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2920

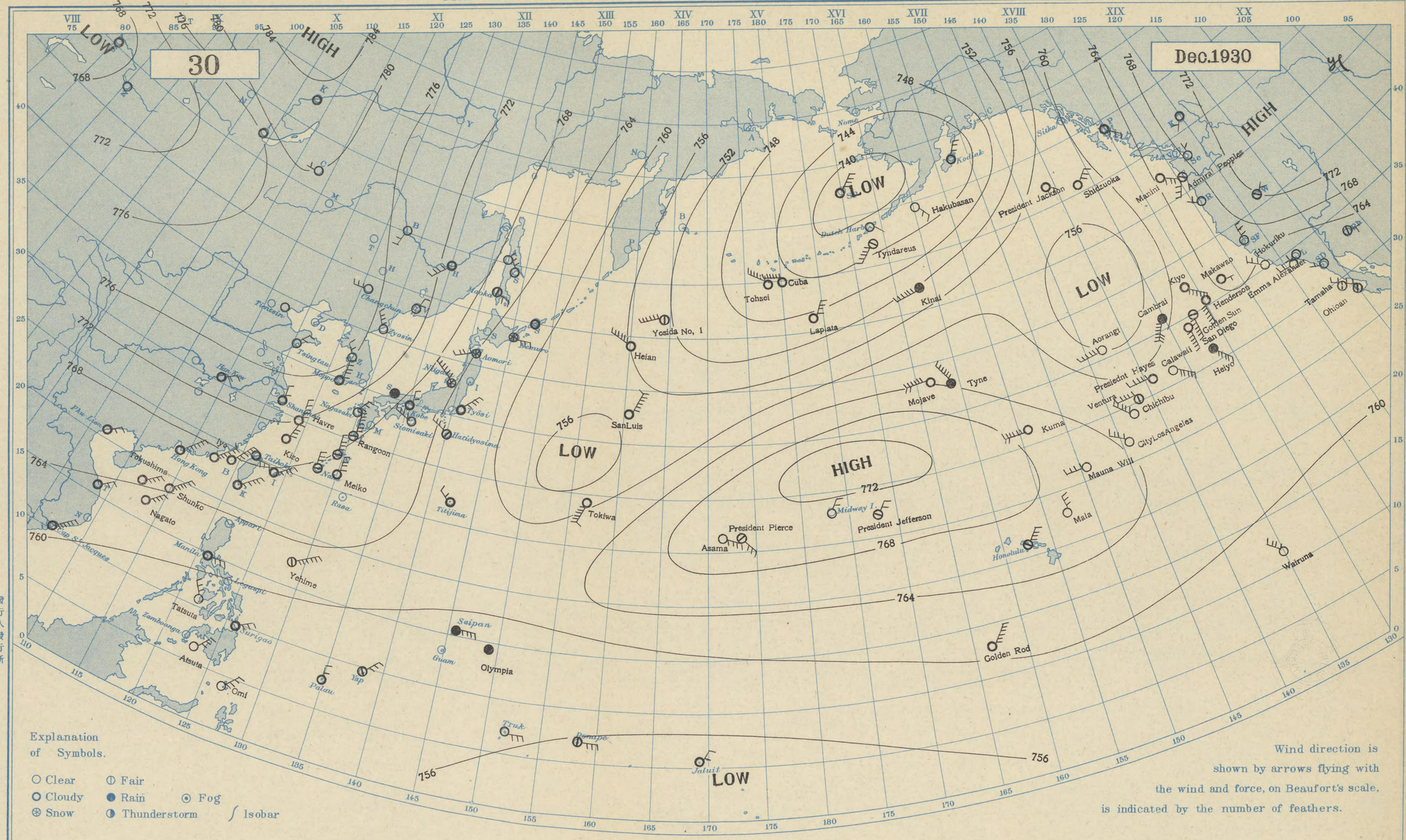

29
Dec.1930
HIGH
LOW
HIGH
LOW
HIGH
LOW
Yosida No, 1
Tohsei
Cuba
Lapiata
Tyndareus
Hakubasan
Kinai
Mojave
Tyne
President Jackson
Admiral Peoples
Golden Sun
San Diego
Heiyo
Hawaiian
Hokuriku
Cambrai
Makawao
Kiyo
Henderson
Chaumont
Wilhelmina
Mauna Wili
Hauraki
Aorangi
Kuma
Ventura
Chicotibu
CityLosAngeles
Diamond Head
Mala
Maikiki
Sonoma
Honolulu
Monowai
Wairuna
Golden Rod
President Jefferson
Midway I.
Empress Japan
President Pierce
Asama
Tokiwa
Helan
SanLuis
Nemuro
Himalaya
Burma
Rangoon
Kisokawa
Meiko
Tokushima
Shunko
Nagato
Hakusan
Atsuta
Yehime
Olympia
Saipan
Guam
Palau
Yap
Truk
Ponape
Jaluit
Tokiwa
Nomi
Sitka
Dutch Harbor
Kodiak
Midway I.
Honolulu
Manila
Legaspi
Surigao
Mt. Tambourga
Cap St. Jacques
Phu Lien
Tsingtau
Tientsin
Changchun
Moppo
Maoka
Aomori
Niigata
Titizima
Hatidyôsima
Nemuro
Kôbe
Siomisaki
Nagasaki
Hankow
Shanghai
Taihoku
Naha
Zyôsin
Hongkong
Tyôsi
Suiyuan
Nigata
Mohori
Nemuro
Tokiwa
Tatidyôsima
Tosima
Kowloon
Swatow
Amoy
Foochow
Wenchow
Ningpo
Shanghai
Tsingtau
Chefoo
Taku
Tientsin
Changchun
Moppo
Maoka
Nemuro
Aomori
Niigata
Titizima
Hatidyôsima

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№2921




| Station / Hour of Observation | Taihoku 12h, 135E | Naha 12h, 135E | Nagasaki 12h, 135E | Siomisaki 12h, 135E | Kôbe 12h, 135E | Tyôsi 12h, 135E | Hatidyôsima 12h, 135E | Titizima 12h, 135E | Niigata 12h, 135E | Aomori 12h, 135E | Nemuro 12h, 135E | Maoka 12h, 135E | Moppo 12h, 135E | Zyôsin 12h, 135E | Changchun 12h, 135E | Tientsin 12h, 135E | Tsingtau 12h, 135E |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd. Gr.) | 769.2 | 767.4 | 770.5 | 765.1 | 767.6 | 762.8 | 762.6 | 762.5 | 766.8 | 763.7 | 761.2 | 764.2 | 775.2 | 774.2 | 778.9 | 778.4 | 778.2 |
| * not reduced to Strd. Gr. | 17.8 | 19.7 | 7.5 | 11.2 | 7.2 | 7.1 | 14.8 | 21.4 | 2.2 | -4.9 | -5.0 | -10.4 | 1.2 | -5.9 | -17.8 | -1.0 | -0.2 |
| Air Temperature (in C) | E 3 | N 3 | NNE 3 | WNW 4 | N 2 | NNE 4 | WNW 4 | NW 2 | NW 6 | WSW 4 | E 3 | ESE 2 | N 5 | NNW 4 | W 3 | - 1 | NE 2 |
| Direction and Force of Winds (0-12) | cloudy | fair | clear | clear | cloudy | cloudy | fair | cloudy | snow | snow | snow | fair | cloudy | clear | clear | clear | clear |
| Weather | | | | | | | | | | | | | | | | | |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truck 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 14h | Phu-Lien 10h, | Surigao 14h, | Yap 14h, | Honolulu Midnight G.M.T. | Midway I. Midnight G.M.T. | Nome 14h, 165W | Dutch Harbor Midnight G.M.T. | Kodiak Midnight G.M.T. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd Gr.) | 774.8 | 772.7 | 758.4 | 758.2 | 756.9 | 756.0 | 757.7 | 767.1 | * 760.3 | * 765.8 | *759.7 | * 758.4 | 765.5 | 771.1 | - | 741.2 | 741.7 |
| * not reduced to Strd Gr.) | 7.1 | 7.0 | 24.1 | 27.9 | 27.6 | 28.7 | 27.1 | 19.0 | 32.0 | 20.0 | 29.0 | - | 21.0 | - | - | 2.0 | 4.0 |
| Air Temperature (in C) | N 2 | NE 2 | E 4 | N 2 | E 3 | E 3 | NE 2 | NE 6 | E 3 | ENE 2 | ENE 3 | NE 3 | NE 4 | NE 2 | - | SE - | NE 3 |
| Direction and Force of Winds (0-12) | cloudy | cloudy | rain | cloudy | - | fair | cloudy | cloudy | cloudy | cloudy | cloudy | fair | fair | clear | - | clear | cloudy |
| Weather | | | | | | | | | | | | | | | | | |


印刷人販賣所 神戸市中山手通七丁目 海洋氣象臺

發行人 發行所

昭和五年一二月三〇日

北太平洋天氣圖

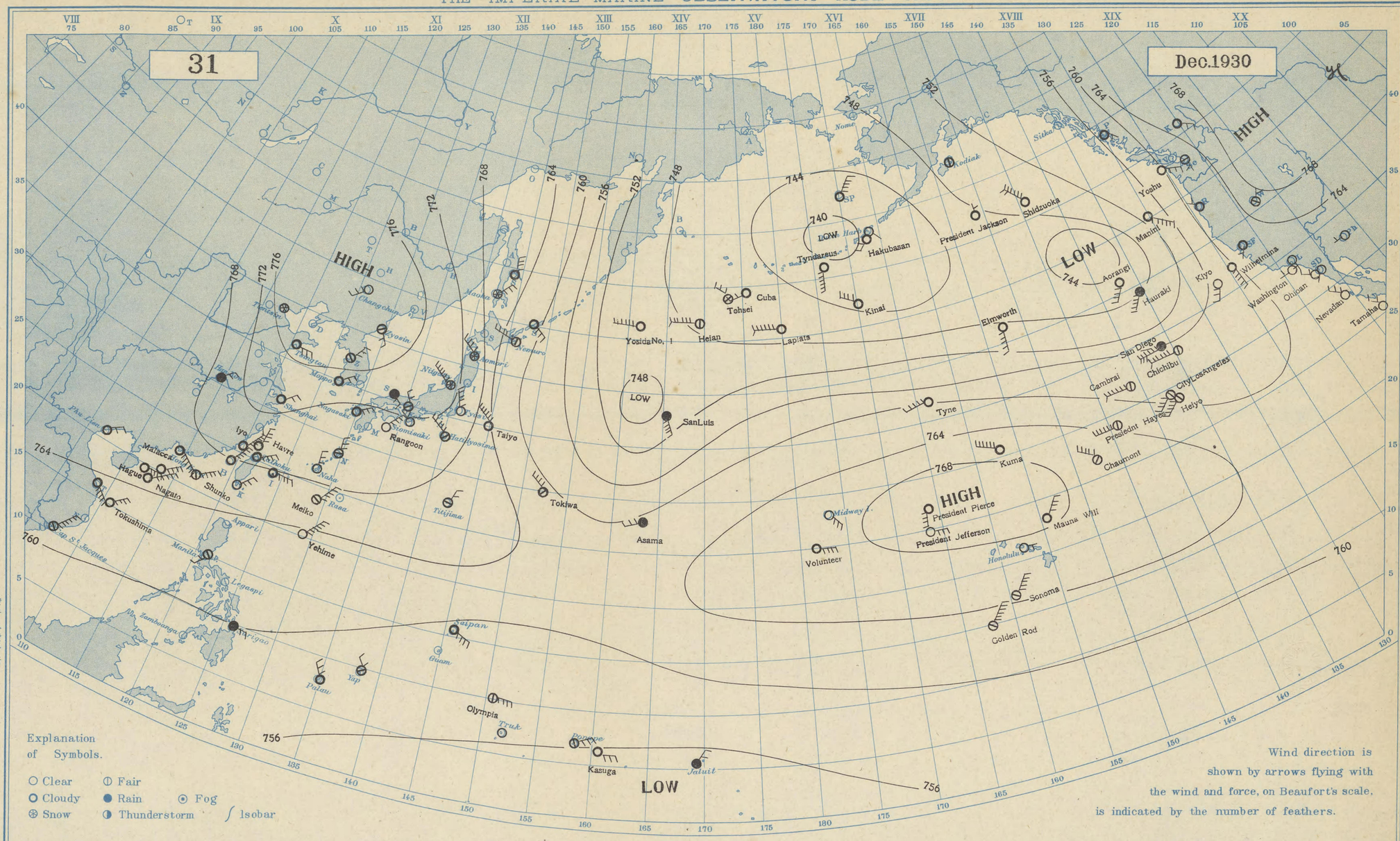
第二九二一號

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 2922




| Station / Hour of Observation | Taihoku 12h, 135E | Naha 12h, 135E | Nagasaki 12h, 135E | Siomisaki 12h, 135E | Kôbe 12h, 135E | Tyôsi 12h, 135E | Hatidyôsima 12h, 135E | Titizima 12h, 135E | Niigata 12h, 135E | Aomori 12h, 135E | Nemuro 12h, 135E | Maoka 12h, 135E | Moppo 12h, 135E | Zyôsin 12h, 135E | Changchun 12h, 135E | Tientsin 12h, 135E | Tsingtau 12h, 135E |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd. Gr. / * not reduced to Strd. Gr.) | 768.3 | 768.3 | 771.1 | 771.4 | 773.0 | 769.7 | 769.8 | 766.6 | 772.9 | 769.0 | 760.6 | 765.8 | 774.8 | 777.4 | 778.8 | 777.1 | 776.3 |
| Air Temperature (in C) | 20.8 | 19.7 | 8.6 | 9.4 | 7.2 | 5.1 | 11.7 | 20.5 | 0.9 | - 6.3 | - 5.4 | -14.8 | 0.6 | - 3.3 | -14.5 | - 3.0 | 1.2 |
| Direction and Force of Winds (0-12) | ENE 4 | N 3 | ENE 3 | NW 2 | NNW 2 | NNW 5 | NW 5 | NNE 2 | NW 6 | NW 4 | WNW 5 | NNE 3 | ENE 2 | SSE 2 | SW 3 | - 1 | E 3 |
| Weather | cloudy | clear | cloudy | clear | fair | clear | fair | fair | snow | snow | fair | snow | cloudy | fair | clear | snow | cloudy |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truck 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 14h | Phu-Lien 10h, | Surigao 14h, | Yap 14h, | Honolulu Midnight G.M.T. | Midway I. Midnight G.M.T. | Nome 14h, 165W | Dutch Harbor Midnight G.M.T. | Kodiak Midnight G.M.T. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd Gr. / * not reduced to Strd Gr.) | 772.9 | 768.2 | 759.4 | 758.2 | 756.8 | 756.1 | 757.6 | 766.8 | * 761.6 | * 765.6 | * 760.8 | * 756.9 | 766.1 | 766.6 | - | 743.2 | 749.3 |
| Air Temperature (in C) | 8.0 | 6.2 | 25.4 | 28.1 | 26.6 | 29.3 | 25.2 | 18.0 | 30.0 | 21.0 | 26.0 | - | 21.0 | - | - | 1.0 | 2.0 |
| Direction and Force of Winds (0-12) | NE 2 | ENE 2 | ESE 4 | NNW 3 | calm | ENE 3 | NE 2 | ESE 6 | SSW 2 | ENE 2 | E 2 | NNW 2 | E 1 | SE 3 | - | SE - | calm |
| Weather | cloudy | rain | cloudy | cloudy | - | fair | rain | cloudy | fair | cloudy | rain | fair | clear | clear | - | clear | fair |

發行人發行所 印刷人販賣所 神戸市中山手通七丁目 海洋氣象臺

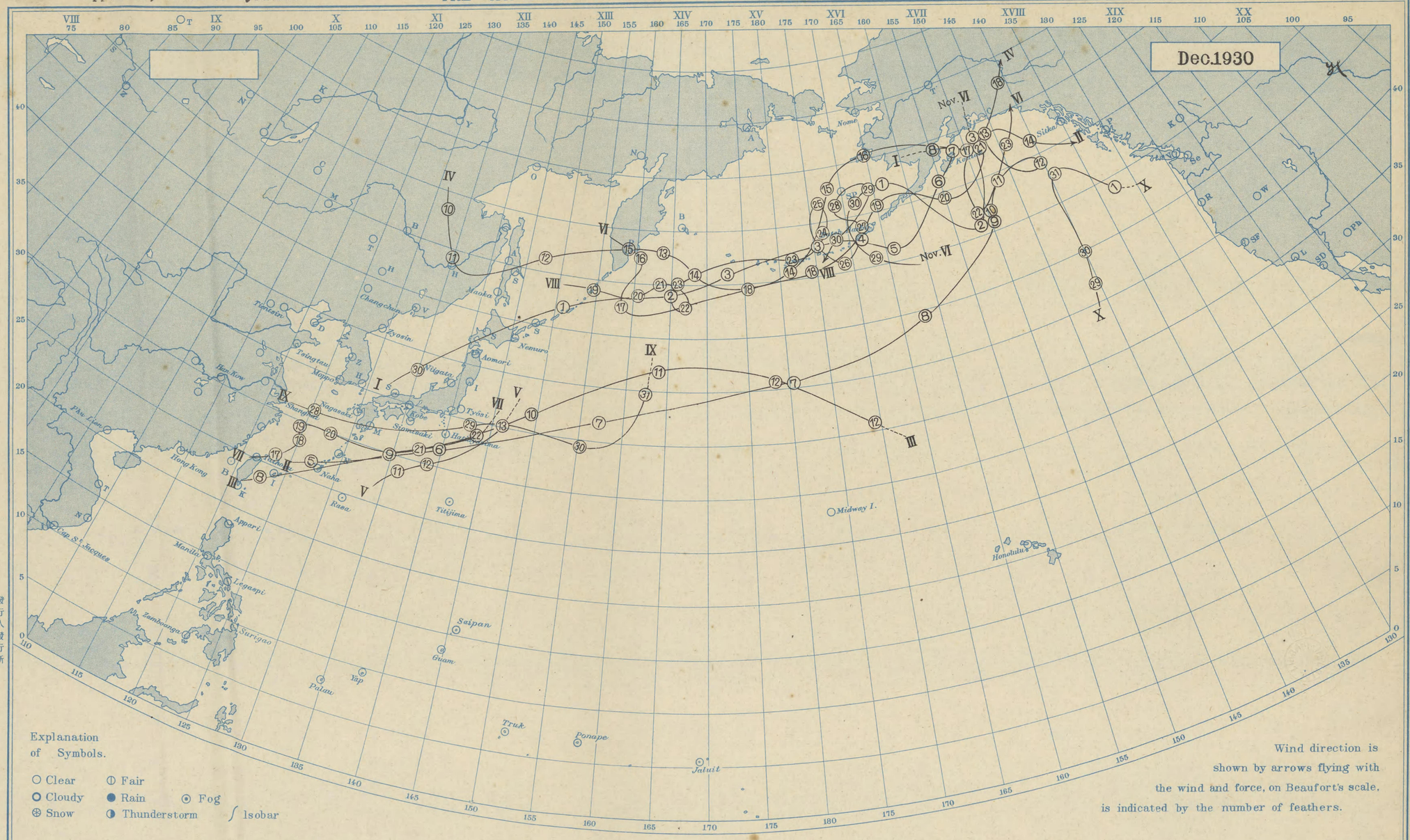
# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

Appendix; Track of Cyclones

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

Nº




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's scale, is indicated by the number of feathers.

| Station<br>Hour of Observation | Taihoku<br>12h, 135E | Naha<br>12h, 135E | Nagasaki<br>12h, 135E | Siomisaki<br>12h, 135E | Kôbe<br>12h, 135E | Tyôsi<br>12h, 135E | Hatidyôsima<br>12h, 135E | Titizima<br>12h, 135E | Niigata<br>12h, 135E | Aomori<br>12h, 135E | Nemuro<br>12h, 135E | Maoka<br>12h, 135E | Moppo<br>12h, 135E | Zyôsin<br>12h, 135E | Changchun<br>12h, 135E | Tientsin<br>12h, 135E | Tsingtau<br>12h, 135E |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd. Gr. / * not reduced to Strd. Gr.)<br>Air Temperature (in C)<br>Direction and Force of Winds (0-12)<br>Weather | | | | | | | | | | | | | | | | | |

| Station<br>Hour of Observation | Shanghai<br>12h, 135E | Hankow<br>12h, 135E | Saipan<br>12h, 135E | Palau<br>12h, 135E | Truck<br>7h, | Ponape<br>12h, 135E | Jaluit<br>8h, | Hongkong<br>10h, | Manila<br>14h | Phu-Lien<br>10h, | Surigao<br>14h, | Yap<br>14h, | Honolulu<br>Midnight G.M.T. | Midway I.<br>Midnight G.M.T. | Nome<br>14h, 165W | Dutch Harbor<br>Midnight G.M.T. | Kodiak<br>Midnight G.M.T. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd Gr. / * not reduced to Strd Gr.)<br>Air Temperature (in C)<br>Direction and Force of Winds (0-12)<br>Weather | | | | | | | | | * | * | * | * | | | | | |


發行人發行所
印刷人販賣所
神戸市中山手通七丁目
海洋氣象臺

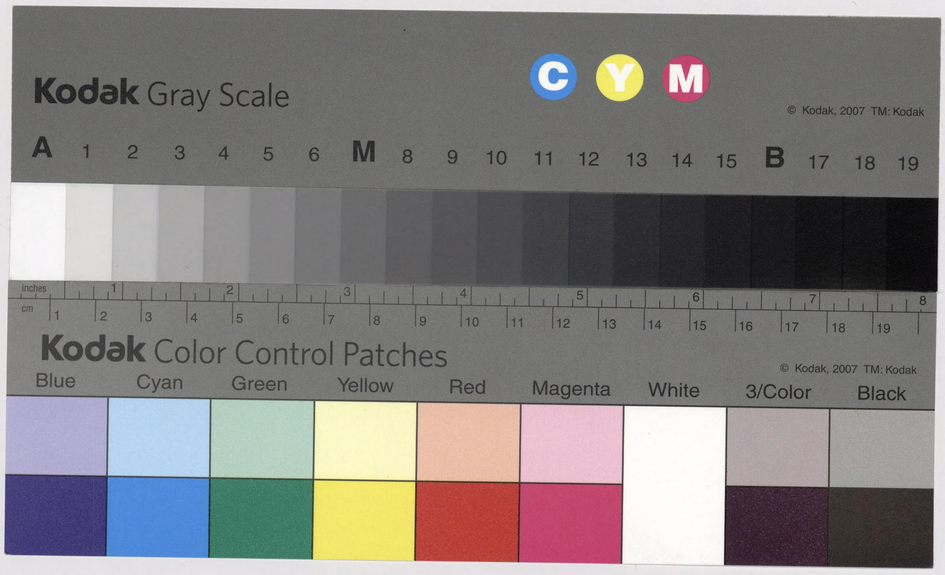


北大平洋天氣圖 附錄 低氣壓經路 昭和五年一月二日
第 號

昭和六年五月十四日發行
昭和六年五月十一日印刷

不許複製

印刷所　海洋氣象臺
印刷者
發行兼　海洋氣象臺
神戸市中山手通七丁目


Kodak Gray Scale
C Y M
© Kodak, 2007 TM: Kodak
A 1 2 3 4 5 6 M 8 9 10 11 12 13 14 15 B 17 18 19
inches
cm
Kodak Color Control Patches
© Kodak, 2007 TM: Kodak
Blue Cyan Green Yellow Red Magenta White 3/Color Black