# 北太平洋天氣圖

昭和六年十二月

神戶

海洋氣象臺

# DAILY WEATHER CHARTS

## OF THE

# NORTH PACIFIC OCEAN.

DECEMBER

1931

THE IMPERIAL MARINE OBSERVATORY,

KOBE, JAPAN.

寄贈
7.5.17
帝國圖書館

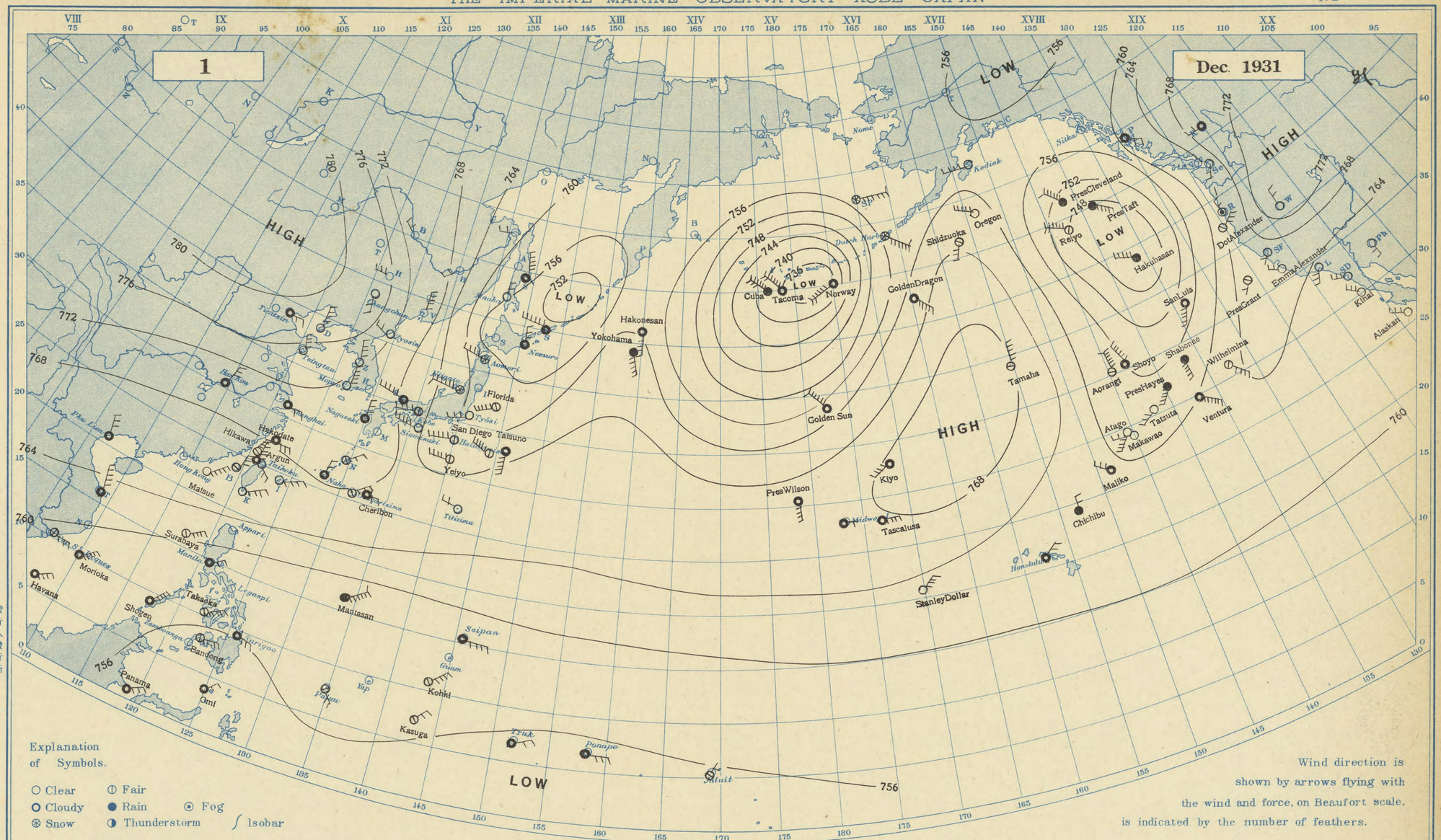
發行人 發行所
印刷人 販賣所
神戸市中山手通七丁目
海洋氣象臺

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3257




| 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.) | 766.0 | 768.5 | 769.3 | 764.0 | 765.0 | 757.4 | 761.7 | 764.8 | 762.9 | 758.8 | 753.4 | 755.9 | 771.0 | 772.3 | 768.3 | 779.3 | 775.1 |
| Air Temperature (in C) | 25.9 | 22.0 | 14.7 | 16.7 | 15.0 | 15.2 | 17.1 | 23.8 | 6.2 | 1.5 | 2.8 | - 4.0 | 12.6 | 1.9 | -10.0 | 2.1 | 4.7 |
| Direction and Force of Winds (0-12) | SE 2 | NNE 2 | N 3 | WNW 5 | W 4 | WSW 3 | W 5 | WNW 2 | WNW 7 | WNW 4 | N 3 | N 2 | N 5 | WNW 2 | SSE 2 | E 2 | NNW 4 |
| Weather | clear | cloudy | cloudy | clear | fair | clear | fair | clear | snow | snow | cloudy | clear | clear | clear | clear | cloudy | clear |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truk 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 13h | Phu-Lien 10h, | Surigao 13h, | 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.) | 770.8 | 770.8 | 758.5 | 757.1 | 755.2 | 755.5 | 758.0 | - | * 757.7 | *766.3 | *756.0 | * - | 762.0 | 766.6 | - | 756.9 | 758.4 |
| Air Temperature (in C) | 14.6 | 9.6 | 27.1 | 30.0 | 26.9 | 29.9 | 29.3 | - | 3.0 | 21.0 | 31. | - | 22.7 | - | - | - | - 1.0 |
| Direction and Force of Winds (0-12) | E 2 | NNE 3 | E 4 | SE 2 | ENE 2 | E 3 | NE 1 | - | NE 2 | NNW 3 | ESE 3 | - | NE 2 | E 1 | - | SE 7 | W 4 |
| Weather | cloudy | cloudy | cloudy | fair | cloudy | cloudy | fair | - | cloudy | cloudy | cloudy | - | cloudy | cloudy | - | snow | clear |


発行人 印刷人 神戸市中山手通七丁目 海洋氣象臺

昭和六年一二月一日

北太平洋天氣圖

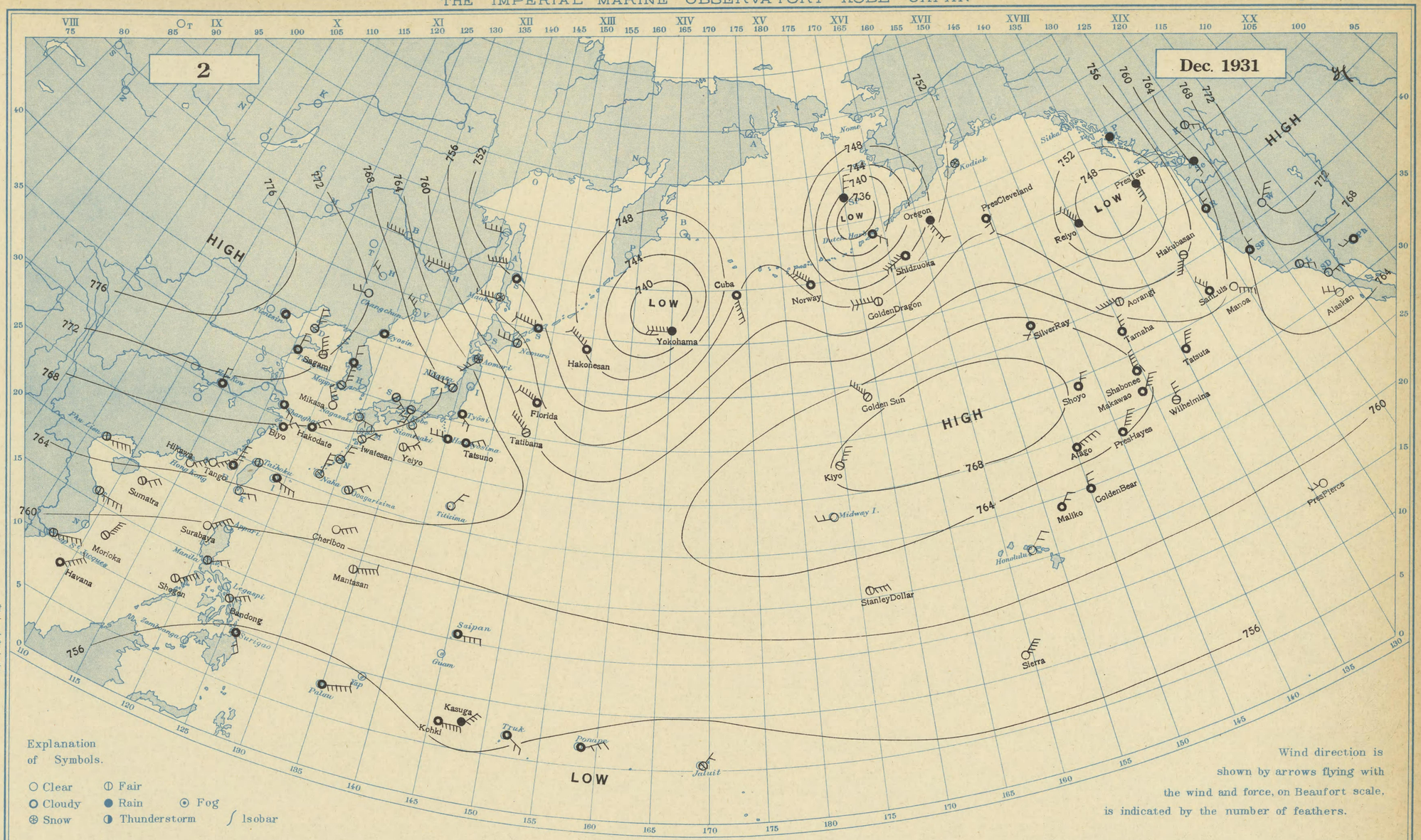
第三二五七號

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3258




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 / Hour of Observation | Taihoku 12h, 135E | Naha 12h, 135E | Nagasaki 12h, 135E | Simonoseki 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.) | 765.2 | 766.6 | 768.2 | 767.5 | 768.6 | 766.1 | 766.0 | 764.2 | 767.7 | 763.4 | 757.2 | 754.0 | 769.7 | 768.1 | 772.0 | 774.2 | 772.6 |
| Air Temperature (in C) | 24.6 | 22.7 | 15.5 | 11.3 | 9.8 | 8.6 | 12.5 | 23.6 | 6.7 | - 1.5 | - 1.3 | - 7.4 | 10.5 | 2.5 | -10.8 | 0.4 | 2.5 |
| Direction and Force of Winds (0-12) | - 1 | NNE 3 | ESE 2 | SE 2 | SSW 2 | SE 2 | W 3 | NE 2 | WNW 5 | SW 3 | WNW 3 | W 5 | N 4 | calm | W 2 | - 1 | N 2 |
| Weather | fair | fair | clear | clear | fair | cloudy | cloudy | clear | fair | snow | fair | snow | fair | cloudy | clear | cloudy | cloudy |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truk 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 13h | Phu-Lien 10h, | Surigao 13h, | 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.) | 769.8 | 771.6 | 757.8 | 755.3 | 757.4 | 754.5 | 757.2 | - | * 757.7 | * 765.1 | *755.0 | * - | 761.0 | 766.1 | - | 736.6 | 752.3 |
| Air Temperature (in C) | 13.1 | 9.0 | 26.1 | 28.9 | 26.4 | 29.8 | 29.4 | - | 24. | 25.0 | 28. | - | 22.0 | - | - | 6.0 | - 1.0 |
| Direction and Force of Winds (0-12) | ESE 2 | N 2 | E 4 | ENE 7 | SE 2 | ENE 3 | NE 1 | - | NE 2 | ENE 5 | SE 2 | - | NE 2 | W 2 | - | SE 2 | calm |
| Weather | cloudy | cloudy | cloudy | cloudy | cloudy | cloudy | fair | - | fair | fair | cloudy | - | clear | clear | - | cloudy | snow |

発行人 印刷人 神戸市中山手通七丁目 海洋氣象臺

昭和六年一二月二日

北太平洋天氣圖

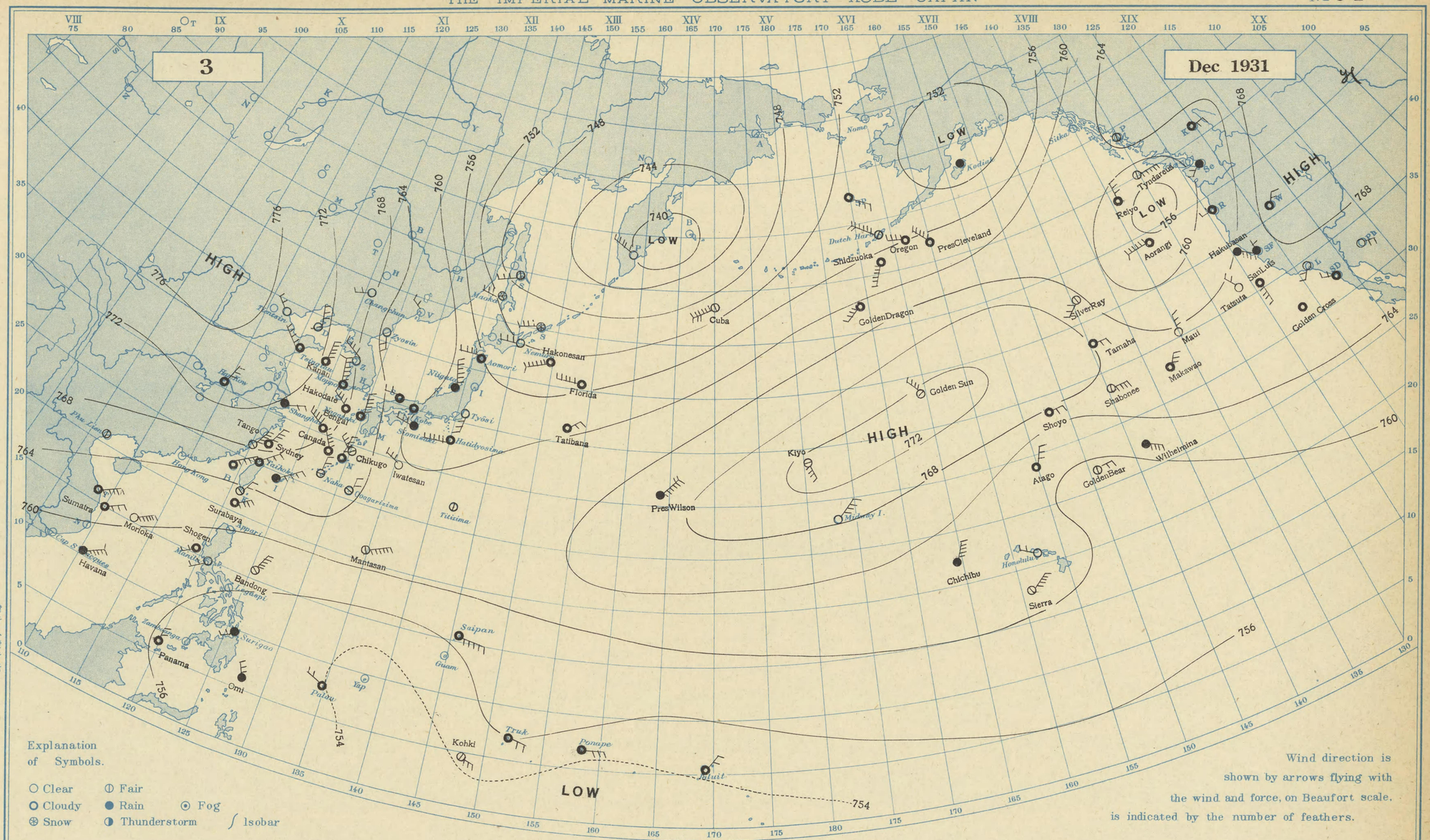
第三二五八號

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 3259




| 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.) | 765.6 | 765.5 | 765.3 | 759.0 | 760.0 | 756.1 | 758.7 | 762.5 | 758.4 | 755.9 | 751.3 | 749.0 | 768.2 | 762.9 | 768.1 | 774.4 | 773.3 |
| Air Temperature (in C) | 20.1 | 22.3 | 9.9 | 14.0 | 7.9 | 12.2 | 17.0 | 24.0 | 6.5 | 2.5 | 3.4 | - 4.4 | 7.9 | 3.1 | - 8.3 | 4.8 | 3.6 |
| Direction and Force of Winds (0-12) | NE 3 | N 2 | NNW 5 | WNW 3 | calm | SSW 3 | W 5 | - 1 | NNW 6 | W 4 | W 3 | WNW 3 | NNW 7 | SSE 2 | WSW 2 | NW 2 | NW 4 |
| Weather | cloudy | fair | cloudy | rain | cloudy | clear | cloudy | fair | rain | cloudy | clear | snow | cloudy | clear | clear | clear | cloudy |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truk 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 13h | Phu-Lien 10h, | Surigao 13h, | 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 | 774.1 | 756.3 | 754.2 | 757.4 | 754.3 | 756.5 | - | * 756.7 | * 765.1 | * 755.3 | * - | 761.0 | 768.1 | - | 757.4 | 750.8 |
| Air Temperature (in C) | 9.7 | 6.8 | 27.0 | 28.8 | 26.9 | 29.2 | 27.5 | - | 29. | 24.0 | 26. | - | 21.0 | - | - | 2.0 | 3.0 |
| Direction and Force of Winds (0-12) | ENE 2 | NNE 3 | ESE 5 | WNW 2 | ESE 2 | E 3 | NE 2 | - | SW 2 | calm | SW 2 | - | NW 2 | NE 4 | - | NW 8 | calm |
| Weather | rain | cloudy | cloudy | cloudy | cloudy | cloudy | cloudy | - | clear | fair | rain | - | clear | clear | - | fair | rain |

発行人 印刷人 神戸市中山手通七丁目 海洋氣象臺

昭和六年一二月三日

北太平洋天氣圖

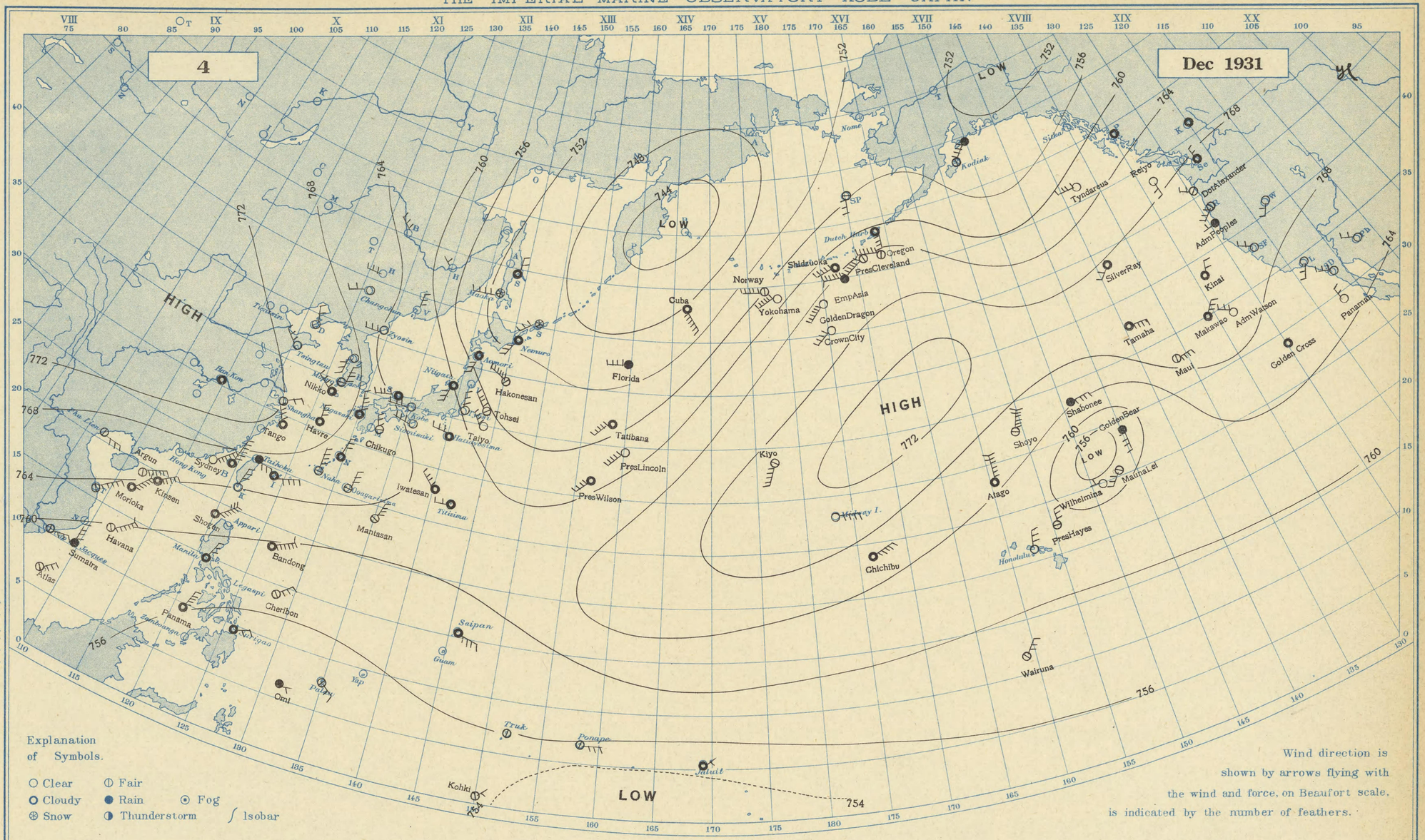
第三二五九號

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 3260




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 / 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.) | 767.0 | 766.2 | 767.6 | 762.8 | 763.6 | 759.7 | 761.3 | 762.0 | 760.0 | 755.9 | 751.9 | 749.6 | 769.1 | 762.1 | 766.2 | 770.3 | 771.4 |
| * not reduced to Strd. Gr. | 20.4 | 20.0 | 9.1 | 12.4 | 10.8 | 11.4 | 13.9 | 23.8 | 5.7 | 2.8 | 2.7 | - 5.0 | 9.4 | 6.1 | - 4.4 | 4.6 | 5.3 |
| Air Temperature (in C) | E 3 | N 4 | NNW 4 | WNW 3 | W 4 | NNW 3 | WNW 3 | W 2 | SSW 3 | SSW 3 | SW 3 | W 4 | NNE 4 | W 3 | WSW 2 | - 1 | NW 3 |
| Direction and Force of Winds (0-12) | rain | fair | cloudy | clear | clear | clear | cloudy | cloudy | cloudy | cloudy | cloudy | snow | fair | clear | clear | clear | clear |
| Weather | | | | | | | | | | | | | | | | | |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truk 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 13 | Phu-Lien 10h, | Surigao 13, | 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.) | 771.9 | 773.6 | 757.6 | 755.0 | 757.4 | 754.5 | 756.3 | - | * 756.7 | * 765.7 | * 754.3 | * - | 761.0 | 770.1 | - | 760.0 | 753.9 |
| * not reduced to Strd Gr.) | 8.5 | 7.4 | 27.2 | 29.1 | 26.3 | 30.0 | 28.6 | - | 27. | 25. | 30. | - | 21. | - | - | 3. | 2. |
| Air Temperature (in C) | NE 2 | - 1 | ESE 4 | SE 2 | calm | E 3 | ENE 1 | - | NNE 3 | E 3 | ENE 2 | - | N 3 | E 4 | - | S 4 | calm |
| Direction and Force of Winds (0-12) | fair | cloudy | cloudy | fair | fair | fair | cloudy | - | cloudy | fair | cloudy | - | clear | clear | - | cloudy | fair |
| Weather | | | | | | | | | | | | | | | | | |


発行人 印刷人 神戸市中山手通七丁目 海洋氣象臺

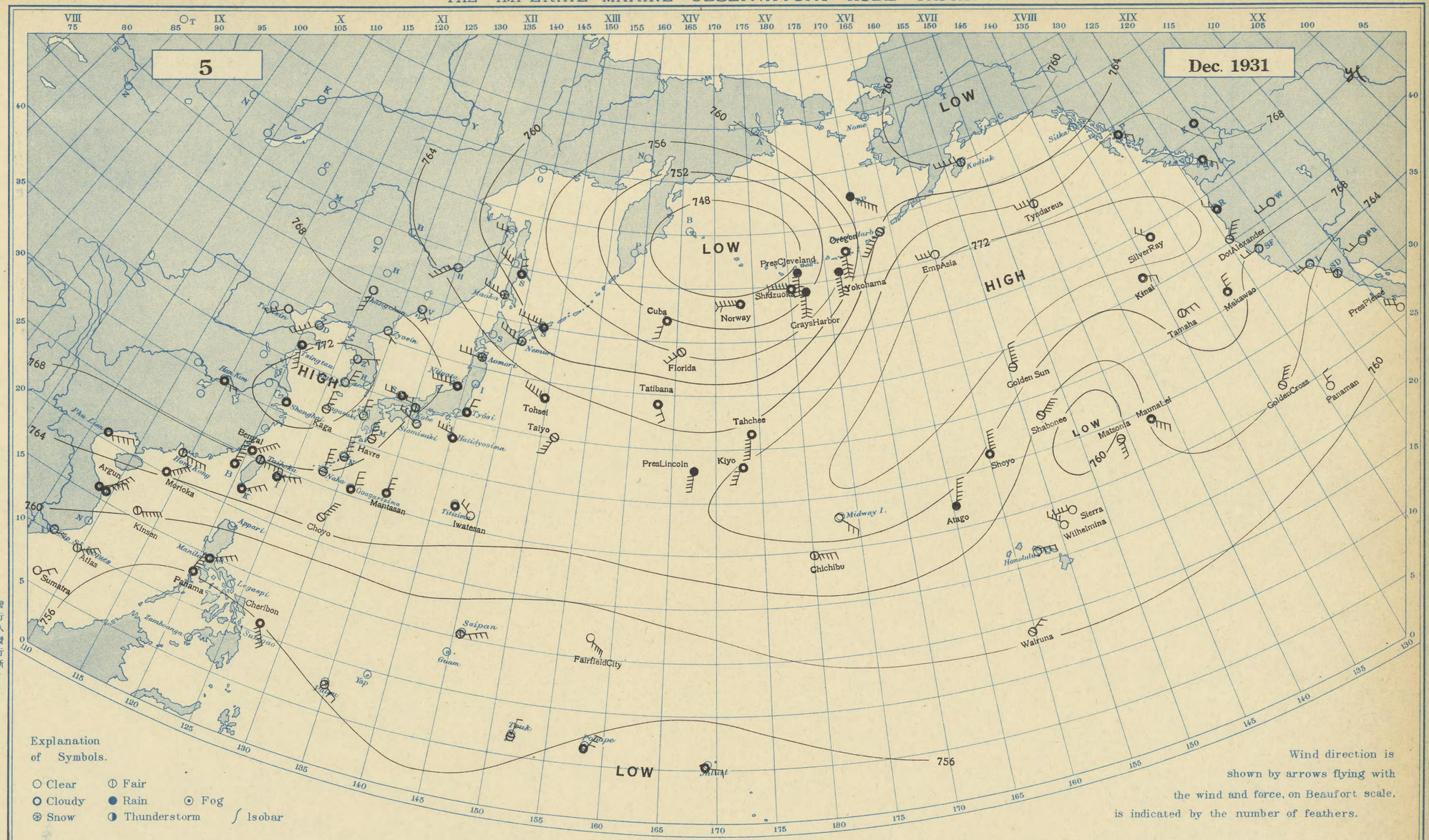
昭和六年二月四日 北太平洋天氣圖 第三六二〇號

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3261




Explanation of Symbols.

○ Clear ◑ Fair
● Cloudy ● Rain ⊙ Fog
⊛ Snow ◑ Thunderstorm ∫ Isobar

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| 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.) | 767.6 | 768.1 | 771.1 | 766.4 | 768.1 | 764.2 | 764.2 | 764.3 | 767.2 | 764.8 | 761.0 | 761.1 | 772.8 | 769.3 | 766.3 | 769.7 | 771.8 |
| (* not reduced to Strd. Gr.) | | | | | | | | | | | | | | | | | |
| Air Temperature (in C) | 20.8 | 20.0 | 11.5 | 13.1 | 12.4 | 10.6 | 14.1 | 22.2 | 7.2 | 1.2 | - 0.4 | - 5.0 | 12.5 | 6.0 | 3.0 | 5.9 | 9.9 |
| Direction and Force of Winds (0-12) | E 5 | N 4 | N 2 | NW 4 | W 2 | NNE 2 | WNW 4 | - 1 | W 5 | W 3 | NW 4 | WNW 4 | NNE 3 | SE 1 | SSW 4 | SW 3 | SSE 4 |
| Weather | fair | fair | clear | clear | fair | cloudy | cloudy | cloudy | cloudy | snow | fair | snow | clear | clear | clear | clear | cloudy |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truk 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 15h | Phu-Lien 10h, | Surigao 15h, | 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.) | 772.8 | 771.3 | 757.9 | 756.4 | 757.4 | 754.3 | 757.4 | 765.8 | * 756.7 | * 765.6 | * - | * - | 761.0 | 770.6 | - | 768.1 | 760.0 |
| (* not reduced to Strd Gr.) | | | | | | | | | | | | | | | | | |
| Air Temperature (in C) | 10.2 | 9.9 | 28.2 | 29.8 | 26.8 | 29.6 | 28.5 | 18. | 27. | 21. | - | - | 22. | - | - | 3. | 2. |
| Direction and Force of Winds (0-12) | - 1 | E 2 | ENE 4 | SE 2 | NNE 2 | NE 3 | ESE 2 | E 5 | NE 5 | ENE 5 | - | - | E 3 | SE 3 | - | SW 6 | W 5 |
| Weather | cloudy | cloudy | fair | fair | fair | cloudy | cloudy | fair | cloudy | cloudy | - | - | clear | clear | - | fair | fair |

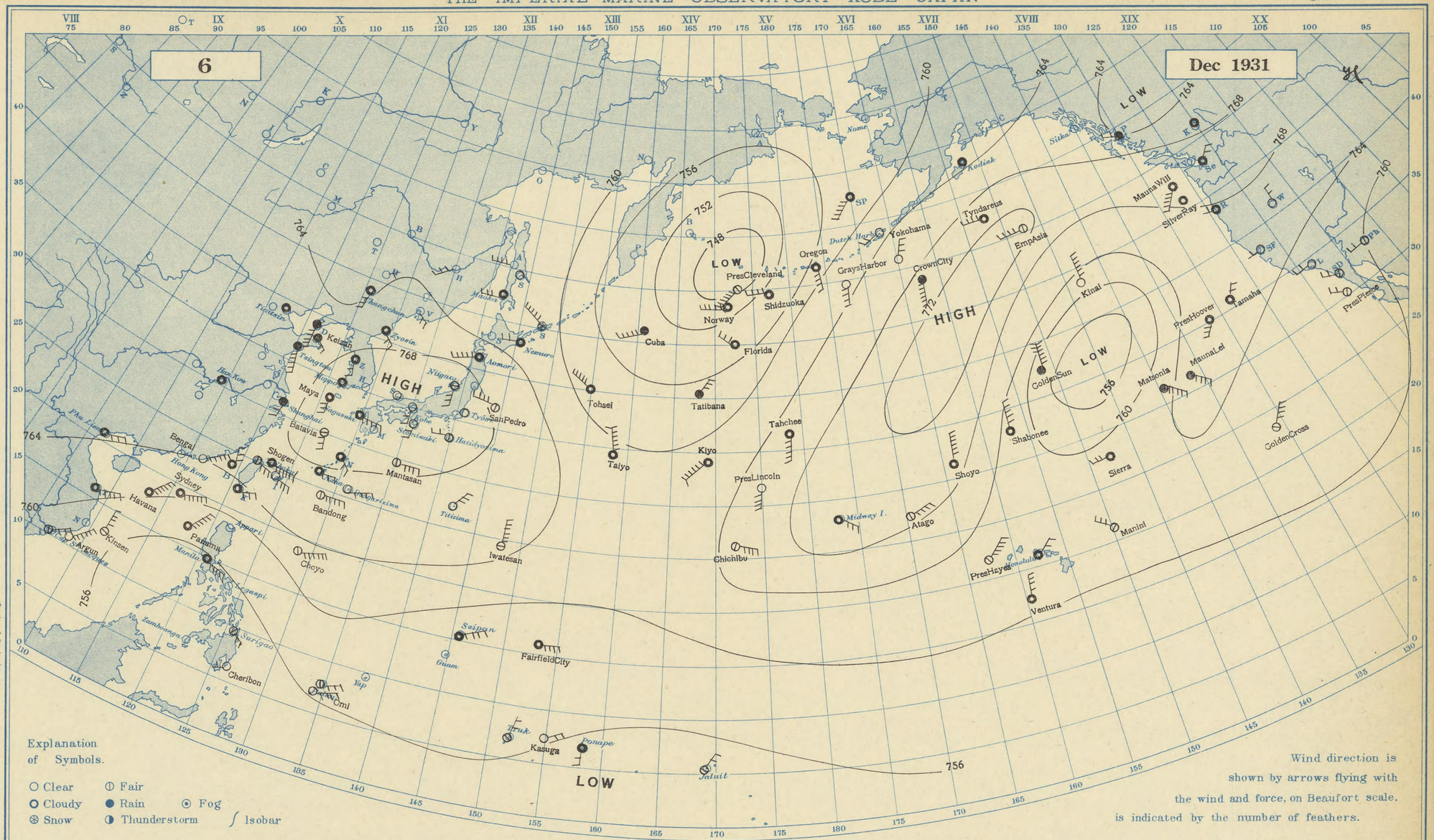

発行人 発行所
印刷人 眺音所
神戸市中山手通七丁目
海洋氣象臺

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3262




| 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.) | 764.1 | 767.1 | 770.7 | 770.8 | 771.1 | 770.0 | 770.4 | 767.4 | 770.3 | 767.1 | 763.3 | 762.1 | 769.8 | 766.4 | 763.4 | 765.2 | 764.7 |
| Air Temperature (in C) | 26.2 | 22.4 | 13.9 | 15.6 | 12.7 | 12.8 | 18.1 | 22.1 | 11.7 | 5.5 | 1.4 | - 1.5 | 7.0 | 6.6 | 1.7 | 4.7 | 10.7 |
| Direction and Force of Winds (0-12) | ESE 3 | E 3 | ESE 5 | SSW 2 | S 2 | - 1 | W 2 | NE 3 | S 3 | WSW 5 | W 2 | W 3 | - 1 | SE 2 | SSW 3 | - 1 | SSE 5 |
| Weather | fair | cloudy | cloudy | clear | clear | clear | fair | clear | fair | cloudy | cloudy | cloudy | cloudy | cloudy | cloudy | cloudy | rain |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truk 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 13h, | Phu-Lien 10h, | Surigao 13h, | 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.) | 766.8 | 766.0 | 758.0 | 756.4 | 757.0 | 754.2 | 757.0 | - | * 755.7 | * 764.4 | * 754.9 | * - | 761.0 | 769.1 | - | 764.0 | 763.5 |
| Air Temperature (in C) | 15.5 | 11.0 | 27.5 | 29.9 | 26.4 | 29.1 | 28.8 | - | 29. | 24. | 29. | - | 21 | - | - | 4. | 1. |
| Direction and Force of Winds (0-12) | SSW 2 | calm | ENE 4 | ENE 3 | NNE 2 | S 2 | NE 2 | - | ESE 5 | ENE 3 | ESE 2 | - | NE 2 | SE 3 | - | SW 2 | calm |
| Weather | rain | cloudy | cloudy | fair | fair | cloudy | fair | - | cloudy | cloudy | fair | - | cloudy | cloudy | - | clear | cloudy |

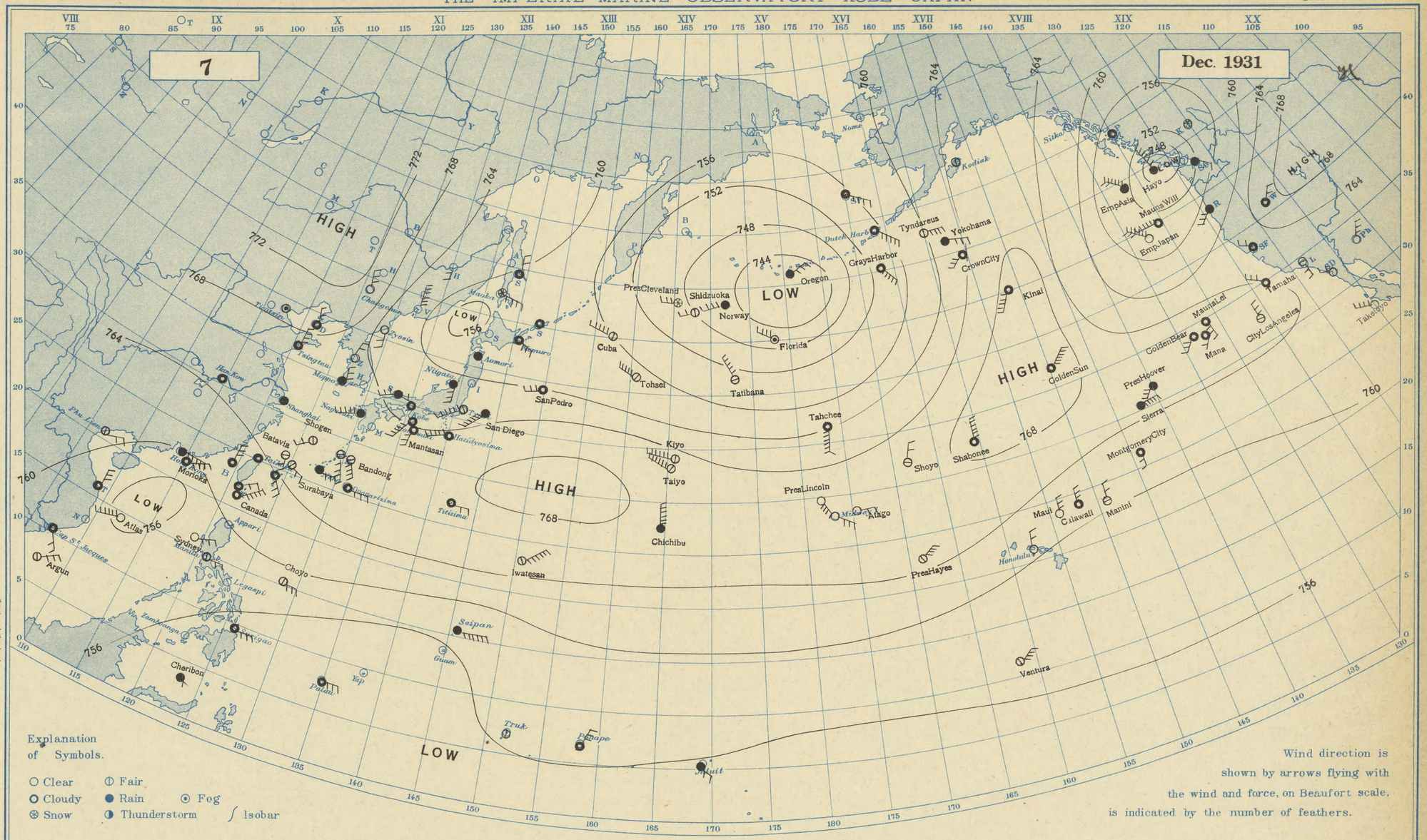
發行人發行所 印刷人販賣所 神戸市中山手通七丁目 海洋氣象臺

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3263




| 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 | 764.6 | 764.0 | 764.1 | 763.1 | 761.2 | 765.9 | 766.5 | 760.3 | 758.3 | 758.2 | 757.4 | 764.4 | 761.2 | 771.0 | 768.7 | 766.7 |
| Air Temperature (in C) | 22.8 | 23.1 | 18.6 | 19.7 | 14.2 | 17.0 | 18.5 | 23.1 | 10.0 | 6.1 | 5.6 | - 2.8 | 12.4 | 7.3 | - 7.2 | 2.4 | 6.8 |
| Direction and Force of Winds (0-12) | calm | E 2 | WSW 5 | SW 5 | WNW 2 | SW 6 | WSW 5 | E 2 | S 3 | - 1 | SE 3 | ESE 4 | NNW 3 | SSE 2 | NNW 3 | - 1 | N 4 |
| Weather | cloudy | rain | rain | cloudy | cloudy | fair | cloudy | cloudy | rain | rain | cloudy | snow | rain | clear | clear | fog | cloudy |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truk 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 13 | Phu-Lien 10h, | Surigao 13h, | 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.) | 765.2 | 764.9 | 756.3 | 755.4 | 756.6 | 756.2 | 757.5 | 759.9 | * 757.0 | * 762.2 | * 755.2 | * - | 760.0 | 765.5 | - | 757.4 | 765.5 |
| Air Temperature (in C) | 14.2 | 12.5 | 23.4 | 29.1 | 25.6 | 27.8 | 25.0 | 23. | 30. | 23. | 31. | - | 20. | - | - | 3. | 3. |
| Direction and Force of Winds (0-12) | calm | - 1 | E 6 | E 3 | calm | NE 3 | SE 2 | E 5 | E 2 | ENE 2 | E 3 | - | N 2 | SE 3 | - | SE 5 | calm |
| Weather | rain | cloudy | rain | cloudy | fair | cloudy | rain | rain | fair | fair | cloudy | - | clear | clear | - | cloudy | fair |

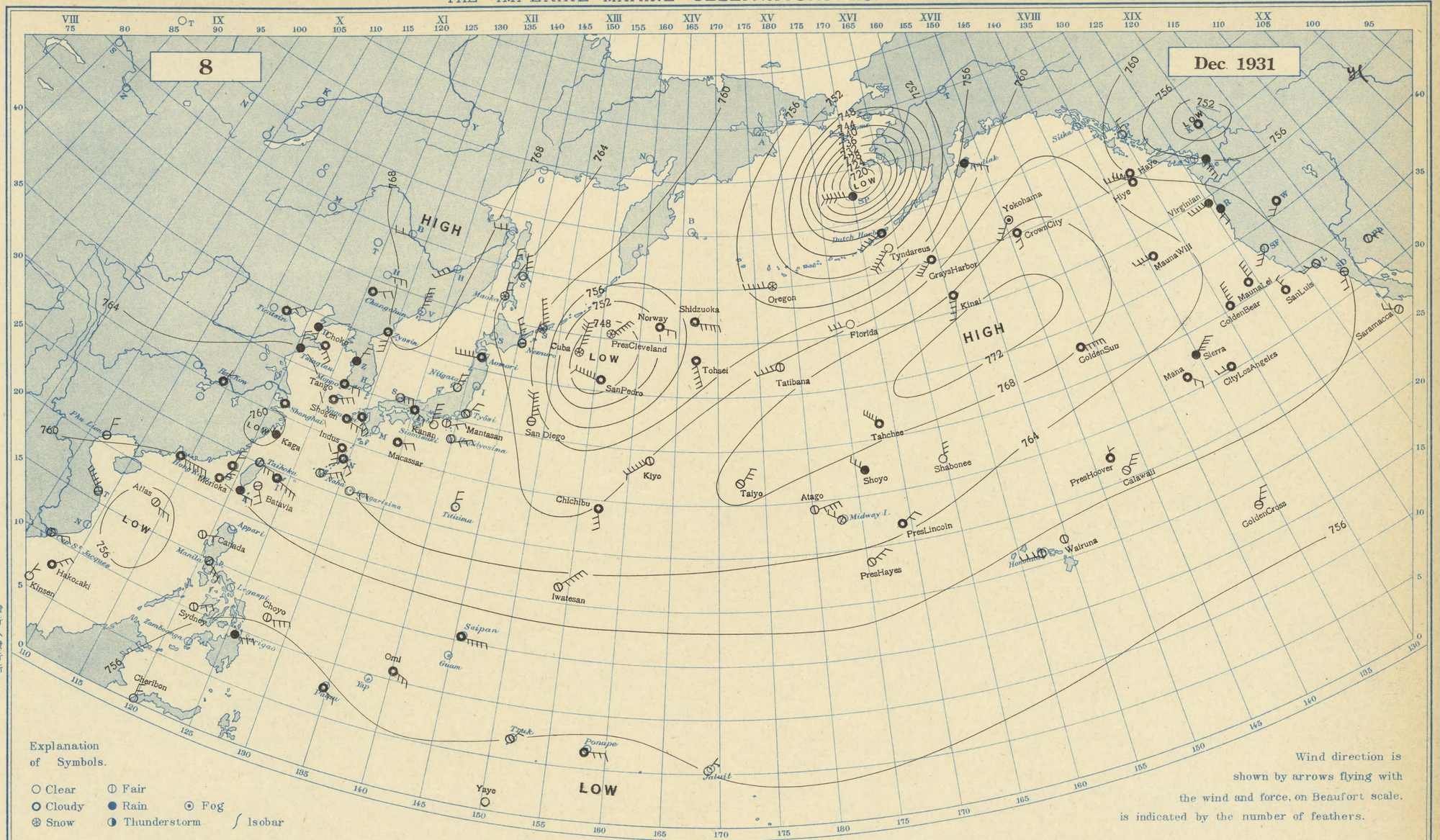

發行人發行所 印刷人販賣所 神戸市中山手通七丁目 海洋氣象臺

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 3264




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 / 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.) | 760.5 | 763.6 | 765.1 | 765.1 | 766.1 | 765.9 | 765.3 | 765.0 | 767.8 | 767.3 | 761.8 | 763.3 | 765.1 | 768.0 | 765.6 | 766.3 | 764.0 |
| Air Temperature (in C) | 28.2 | 24.7 | 19.0 | 20.4 | 15.2 | 14.8 | 19.7 | 24.6 | 11.2 | 5.0 | 3.0 | - 4.6 | 12.5 | 5.2 | - 8.4 | 0.9 | 6.9 |
| Direction and Force of Winds (0-12) | ESE 3 | NE 3 | SE 3 | - 1 | SE 2 | NE 2 | ENE 3 | N 2 | NNE 2 | W 5 | NNW 4 | - 1 | E 2 | S 3 | ENE 2 | NE 2 | NNW 2 |
| Weather | fair | fair | cloudy | clear | cloudy | fair | fair | clear | clear | cloudy | fair | snow | cloudy | cloudy | cloudy | cloudy | rain |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truk 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 13h | Phu-Lien 10h, | Surigao 13h, | 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.) | 762.2 | 763.7 | 757.5 | 755.7 | 757.3 | 754.9 | 758.2 | 760.0 | * 756.1 | * 760.2 | * 754.8 | * - | 759.5 | 765.5 | - | 746.8 | 756.9 |
| Air Temperature (in C) | 16.2 | 11.4 | 27.9 | 29.7 | 26.8 | 29.3 | 28.8 | 20. | 30. | 25. | 30. | - | 21. | - | - | 4. | 4. |
| Direction and Force of Winds (0-12) | - 1 | NNE 1 | E 5 | ESE 2 | NE 1 | E 3 | NE 1 | E 6 | ESE 3 | NNW 2 | ENE 3 | - | W 3 | NW 2 | - | SW 5 | SE 3 |
| Weather | cloudy | cloudy | cloudy | cloudy | fair | cloudy | fair | cloudy | fair | fair | rain | - | fair | fair | - | cloudy | rain |


発行人 印刷人 神戸市中山手通七丁目 海洋氣象臺

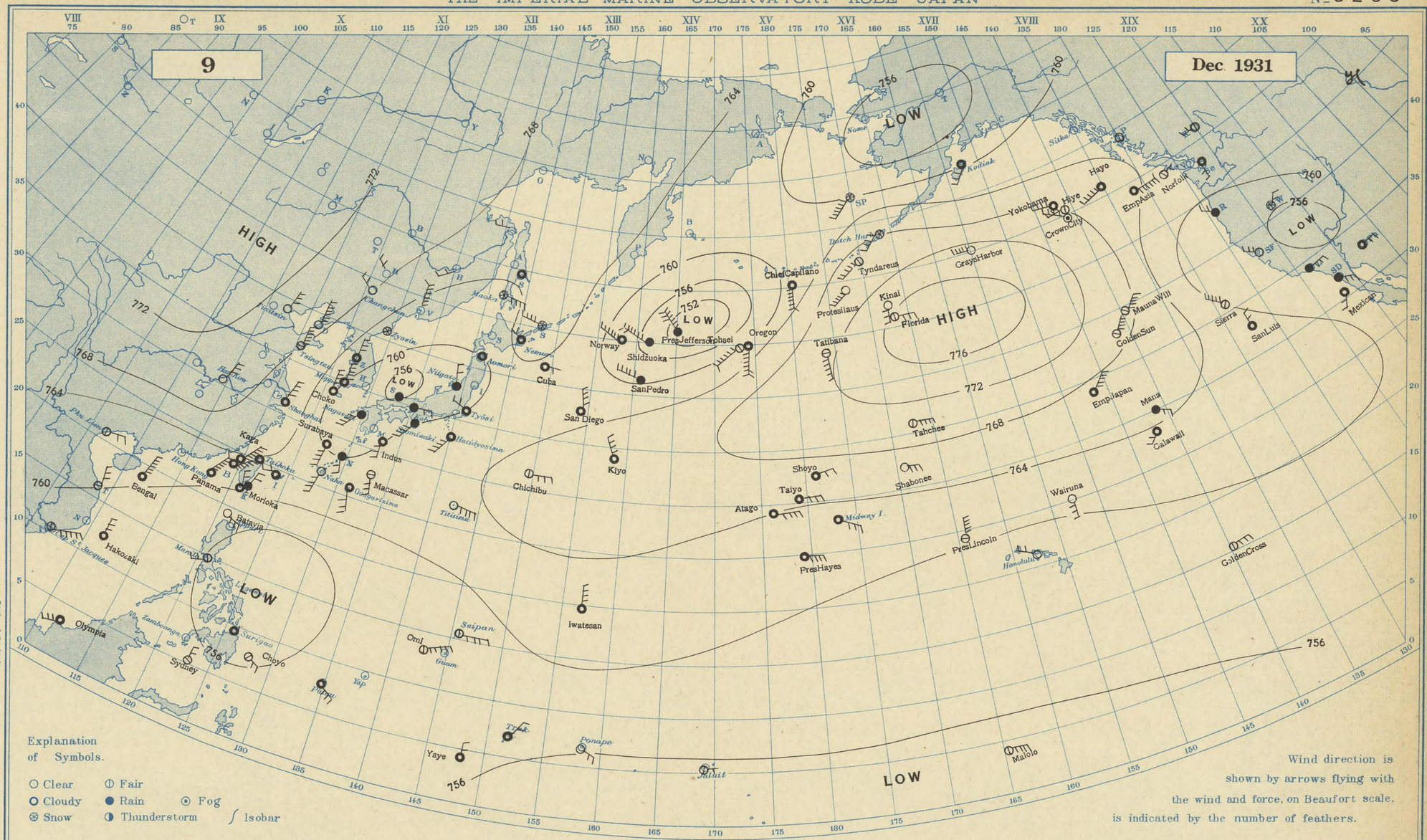
昭和六年一二月八日 北太平洋天氣圖 第三二六四號

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3265




| 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 | 760.8 | 758.8 | 760.2 | 758.9 | 760.0 | 761.5 | 763.5 | 758.3 | 760.3 | 765.2 | 763.4 | 760.1 | 761.6 | 768.2 | 771.0 | 767.5 |
| Air Temperature (in C) | 19.7 | 25.2 | 17.9 | 19.6 | 14.8 | 15.5 | 20.9 | 24.6 | 10.1 | 3.0 | 1.7 | - 6.7 | 10.8 | 1.1 | - 9.8 | 2.8 | 4.1 |
| Direction and Force of Winds (0-12) | - 1 | SSW 4 | SW 4 | SW 4 | E 2 | NW 2 | SW 4 | ESE 4 | NNW 2 | - 1 | NW 2 | ESE 4 | N 5 | - 1 | NW 2 | NNE 3 | N 6 |
| Weather | cloudy | clear | rain | rain | rain | cloudy | cloudy | clear | rain | cloudy | cloudy | snow | cloudy | snow | clear | clear | fair |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truk 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 13h | Phu-Lien 10h, | Surigao 13h, | 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.) | 765.4 | 769.7 | 758.5 | 757.0 | 758.6 | 756.4 | 757.4 | - | * 756.1 | * 761.6 | * 754.6 | * - | 758.4 | 763.5 | - | 770.6 | 758.9 |
| Air Temperature (in C) | 10.3 | 10.6 | 27.9 | 29.1 | 26.8 | 27.1 | 28.4 | - | 29. | 25. | 29. | - | 20. | - | - | 2. | 2. |
| Direction and Force of Winds (0-12) | NNE 4 | NNE 3 | E 4 | SE 3 | NE 2 | SE 2 | E 1 | - | WSW 2 | ENE 2 | calm | - | NW 2 | SE 3 | - | SW 4 | SW 3 |
| Weather | cloudy | clear | fair | cloudy | cloudy | clear | fair | - | fair | fair | cloudy | - | clear | cloudy | - | snow | cloudy |

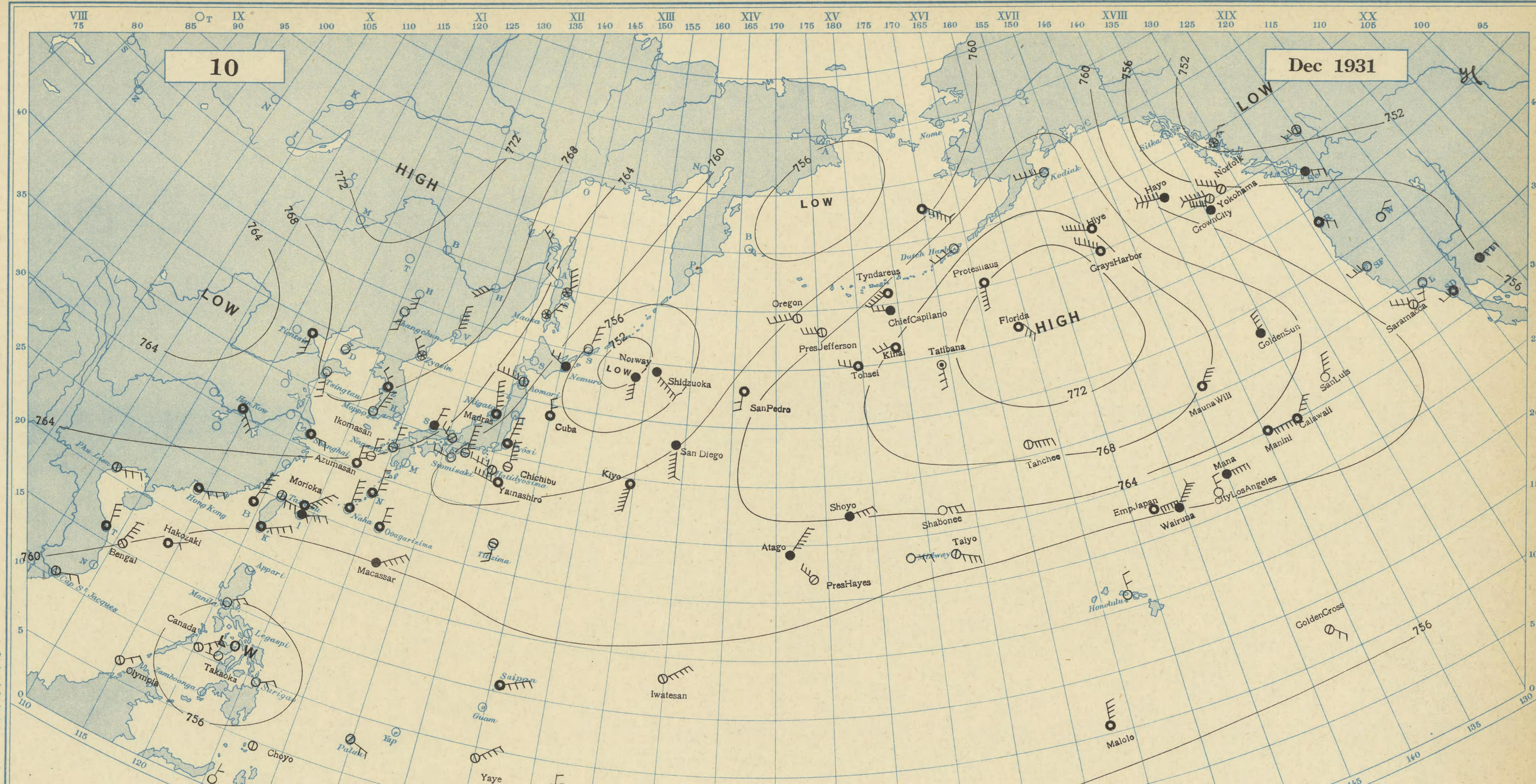
發行人發行所 印刷人販賣所 神戶市中山手通七丁目 海洋氣象臺

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3 2 6 6




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 / 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.) | 762.6 | 762.4 | 764.0 | 759.8 | 763.3 | 758.1 | 758.8 | 761.6 | 763.4 | 760.3 | 756.1 | 760.8 | 766.6 | 768.7 | 768.5 | 766.9 | 768.2 |
| Air Temperature (in C) | 21.6 | 21.8 | 16.5 | 20.2 | 14.3 | 14.6 | 21.2 | 26.3 | 9.1 | 7.9 | 2.3 | - 5.3 | 10.4 | - 1.8 | - 8.0 | 2.1 | 5.1 |
| Direction and Force of Winds (0-12) | E 3 | N 4 | N 2 | WNW 2 | NW 2 | NNE 4 | WNW 4 | S 2 | NNW 6 | WNW 5 | NW 2 | NE 2 | NNE 4 | NW 2 | S 2 | S 3 | SSE 3 |
| Weather | fair | cloudy | fair | clear | fair | cloudy | fair | fair | cloudy | fair | rain | snow | clear | snow | clear | cloudy | clear |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truk 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 13 | Phu-Lien 10h, | Surigao 13 | 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.) | 766.8 | 765.9 | 758.2 | 757.0 | 758.0 | 755.4 | 758.2 | 761.8 | * 756.0 | * 762.5 | * 755.9 | * - | 758.4 | 760.5 | - | 769.1 | 766.1 |
| Air Temperature (in C) | 11.3 | 9.9 | 25.7 | 31.2 | 27.3 | 29.1 | 25.6 | 28. | 30. | 24. | 31. | - | 20. | - | - | 7. | 4. |
| Direction and Force of Winds (0-12) | E 2 | SE 3 | ENE 4 | ESE 2 | N 2 | NE 3 | E 1 | ENE 3 | NE 2 | ENE 3 | NE 2 | - | N 2 | E 2 | - | SW 3 | W 5 |
| Weather | cloudy | cloudy | cloudy | fair | cloudy | fair | rain | cloudy | clear | fair | clear | - | clear | clear | - | clear | clear |

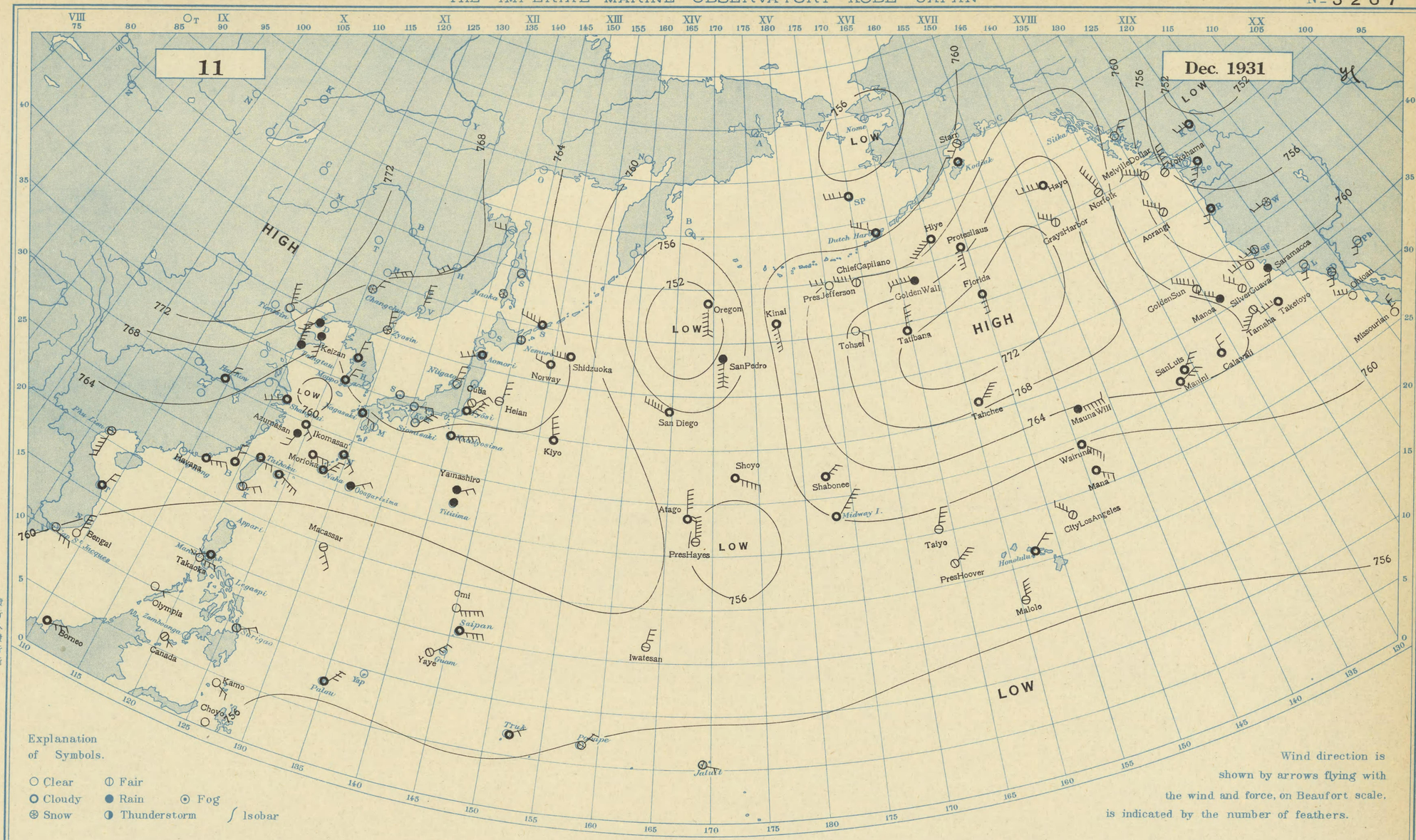
發行人發行所 印刷人販賣所 神戸市中山手通七丁目 海洋氣象臺

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 3267




| 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.) | 760.6 | 761.1 | 763.8 | 764.5 | 765.1 | 766.3 | 763.3 | 762.6 | 766.9 | 767.6 | 767.0 | 766.1 | 764.0 | 765.3 | 766.9 | 772.7 | 764.5 |
| Air Temperature (in C) | 26.9 | 23.3 | 17.0 | 16.0 | 11.9 | 12.1 | 19.9 | 24.0 | 10.3 | 4.4 | - 0.2 | - 7.0 | 9.7 | - 1.0 | -11.5 | - 8.1 | 4.1 |
| Direction and Force of Winds (0-12) | E 2 | NE 3 | ESE 2 | NE 3 | E 2 | NE 4 | ENE 5 | - 1 | NNE 3 | WSW 3 | - 1 | - 1 | NNE 2 | NNW 3 | NNE 2 | NNW 5 | N 5 |
| Weather | cloudy | cloudy | cloudy | clear | clear | cloudy | clear | rain | clear | cloudy | fair | snow | cloudy | snow | snow | clear | rain |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truk 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 13 | Phu-Lien 10h, | Surigao 13. | 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.) | 762.8 | 767.1 | 757.9 | 756.5 | 757.9 | 755.7 | 757.4 | - | * 756.7 | * 760.2 | * 755.8 | * - | 757.9 | 760.0 | - | 758.9 | 760.5 |
| Air Temperature (in C) | 15.7 | 11.4 | 27.0 | 30.1 | 26.8 | 30.3 | 29.2 | - | 31. | 25. | 30. | - | 22. | - | - | 2. | 4. |
| Direction and Force of Winds (0-12) | WSW 3 | NNE 2 | E 4 | NE 3 | ENE 1 | NE 2 | ESE 1 | - | SW 2 | S 5 | N 2 | - | NE 2 | NE 5 | - | NW 4 | calm |
| Weather | cloudy | cloudy | cloudy | cloudy | cloudy | fair | fair | - | cloudy | fair | fair | - | cloudy | cloudy | - | cloudy | cloudy |


印刷人 眞野喜所 神戸市中山手通七丁目
発行人 発行所 海洋氣象臺

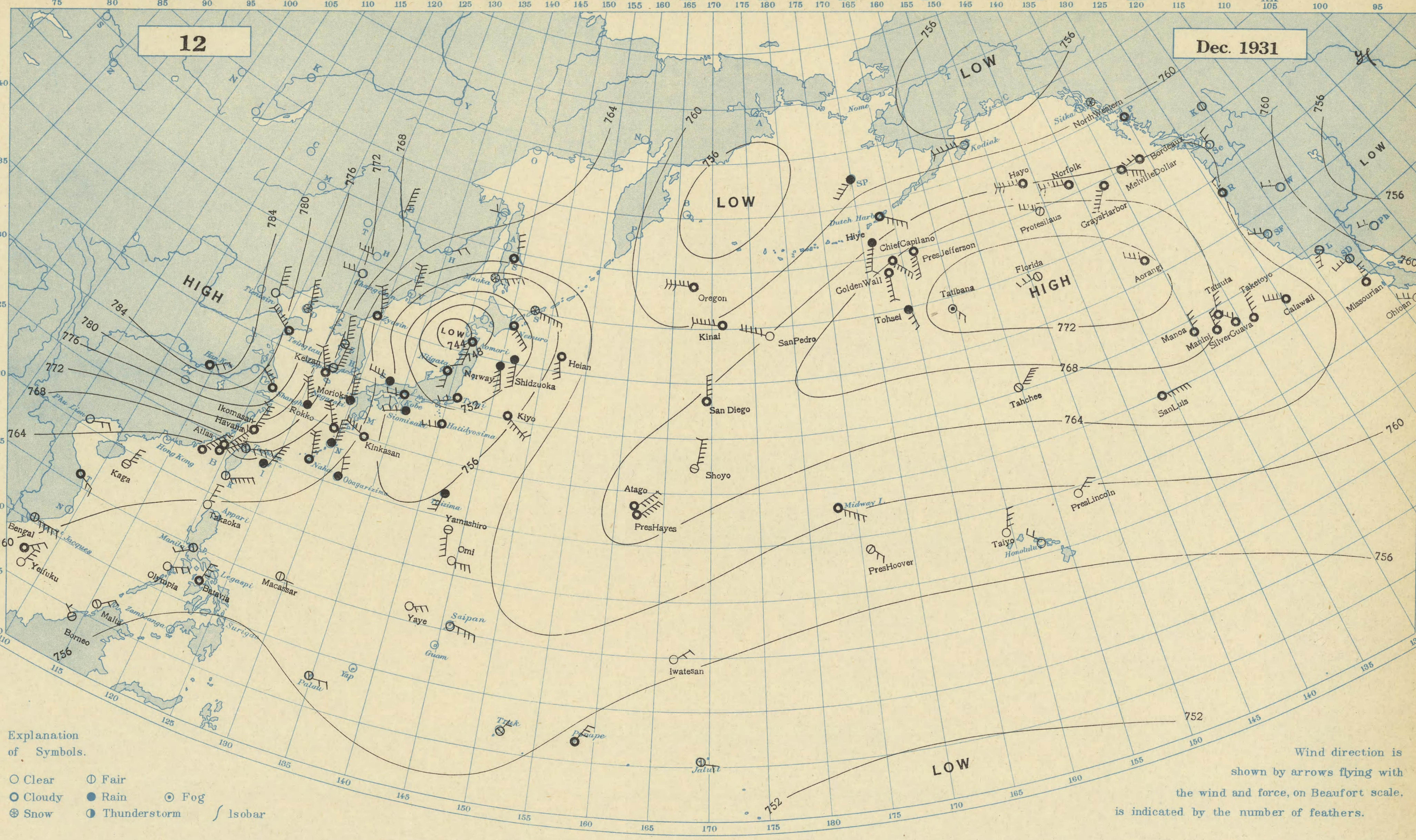

昭和六年一二月一一日 北太平洋天氣圖 第七六二三號

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN






| 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.) | 768.6 | 761.6 | 762.2 | 752.4 | 752.6 | 751.1 | 753.3 | 756.0 | 748.7 | 744.9 | 749.2 | 753.4 | 767.6 | 758.8 | 773.0 | 782.1 | 778.6 |
| Air Temperature (in C) | 14.8 | 19.1 | 5.8 | 17.2 | 15.7 | 13.0 | 18.5 | 23.3 | 13.9 | 13.7 | 6.7 | - 7.0 | 0.0 | - 8.6 | -19.9 | - 9.0 | - 7.7 |
| Direction and Force of Winds (0-12) | ENE 4 | NNW 8 | NNW 6 | WSW 3 | W 2 | WSW 2 | W 3 | SSW 3 | S 2 | SSW 4 | SSE 5 | ENE 5 | N 8 | NNW 7 | W 3 | NNW 5 | NW 7 |
| Weather | cloudy | cloudy | rain | rain | cloudy | cloudy | cloudy | rain | cloudy | cloudy | cloudy | snow | fair | cloudy | clear | clear | cloudy |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truk 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 13h | Phu-Lien 10h, | Surigao 13h, | 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.) | 777.8 | 786.1 | 756.5 | 756.4 | 757.4 | 754.2 | 757.6 | 763.8 | * 757.0 | * 764.8 | * 755.8 | * - | 756.9 | 760.5 | - | 763.0 | 756.4 |
| Air Temperature (in C) | - 2.1 | - 1.9 | 27.9 | 30.3 | 26.8 | 28.6 | 29.1 | 22. | 31. | 24. | 28. | - | 21. | - | - | 3. | 1. |
| Direction and Force of Winds (0-12) | NW 5 | NE 3 | ESE 4 | E 2 | NE 1 | NE 3 | ESE 1 | NNW 5 | SW 2 | ENE 2 | calm | - | NW 2 | SE 5 | - | SE 5 | W 7 |
| Weather | cloudy | cloudy | clear | fair | fair | cloudy | fair | cloudy | fair | clear | fair | - | clear | cloudy | - | cloudy | clear |

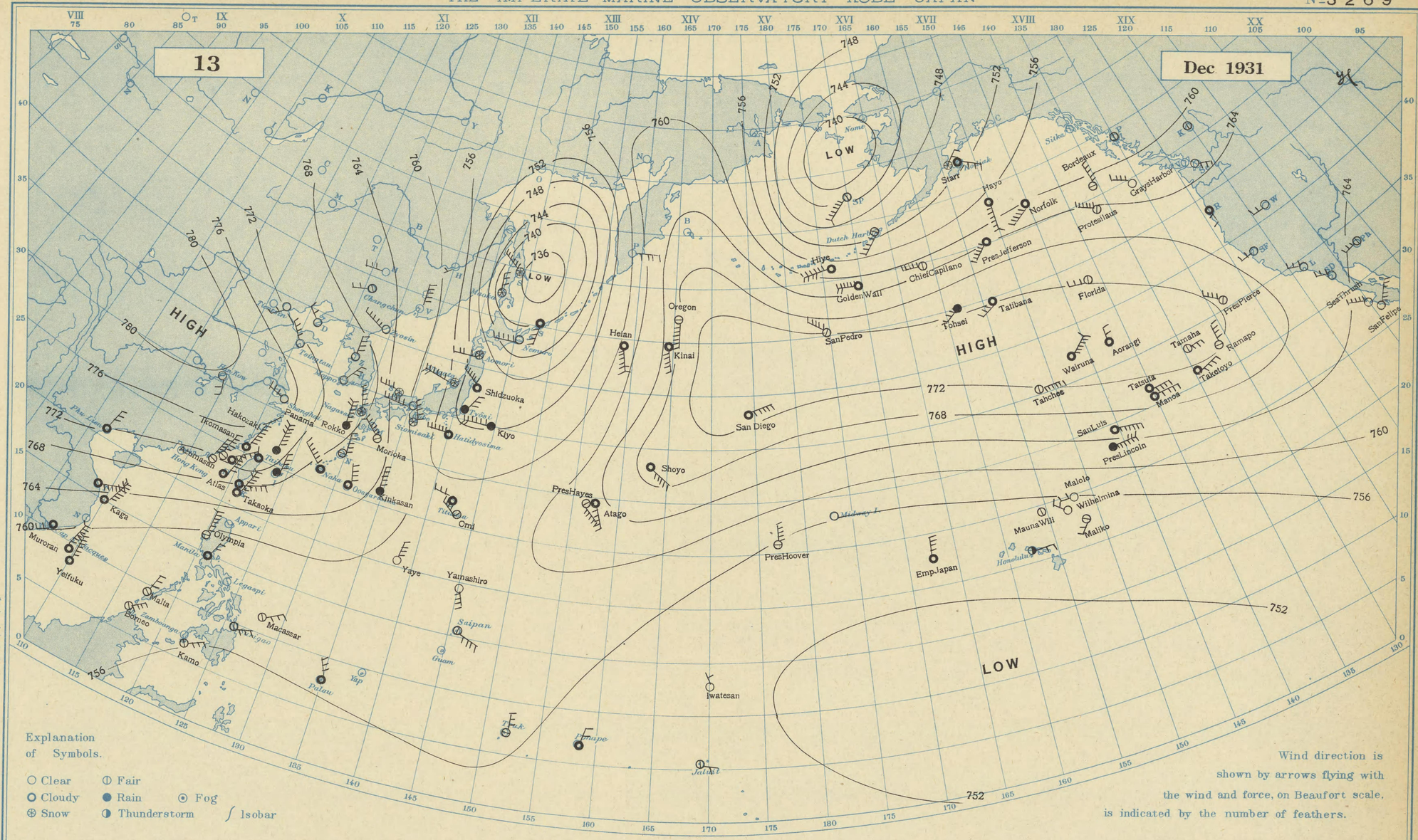
發行人發行所
印刷人販賣所
神戸市中山手通七丁目
海洋氣象臺

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No3269




| Station / Hour of Observation | Taihoku 12h, 135E | Naha 12h, 135E | Nagasaki 12h, 135 E | Siomisaki 12h, 135 E | Kôbe 12h, 135E | Tyôsi 12h, 135E | Hatidyôsima 12h, 135 E | Titizima 12h, 135 E | 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. / * not reduced to Strd. Gr.) | 773.1 | 766.8 | 768.1 | 759.3 | 759.6 | 751.4 | 753.8 | 756.9 | 754.5 | 749.8 | 742.4 | 739.0 | 770.4 | 764.2 | 767.1 | 771.4 | 773.6 |
| Air Temperature (in C) | 8.3 | 14.0 | 0.7 | 3.2 | 2.9 | 4.5 | 9.0 | 21.5 | 1.7 | - 3.7 | 2.3 | - 6.2 | - 4.2 | -10.8 | -16.3 | - 3.6 | - 2.2 |
| Direction and Force of Winds (0-12) | - 1 | NW 6 | NNW 5 | NNW 5 | W 6 | NE 3 | W 7 | WNW 3 | WNW 8 | W 4 | W 5 | N 3 | NE 3 | NW 5 | WNW 2 | SW 2 | NW 4 |
| Weather | cloudy | cloudy | snow | snow | clear | rain | cloudy | cloudy | snow | snow | clear | snow | clear | clear | fair | clear | clear |

| Station / Hour of Observation | Shanghai 12h, 135 E | Hankow 12h, 135 E | Saipan 12h, 135 E | Palau 12h, 135 E | Truk 7h, | Ponape 12h, 135 E | Jaluit 8h, | Hongkong 10h, | Manila 10h | Phu-Lien 10h, | Surigao 10h, | 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.) | 776.6 | 779.8 | 756.3 | 756.3 | 757.0 | 754.4 | 756.4 | - | * 757.2 | * 771.4 | * 755.5 | * - | 755.4 | 755.4 | - | 750.8 | 750.3 |
| Air Temperature (in C) | - 1.0 | 0.4 | 28.1 | 28.3 | 27.0 | 25.8 | 29.4 | - | 28. | 14. | 31. | - | 21. | - | - | 3. | 14. |
| Direction and Force of Winds (0-12) | WNW 3 | SSE 2 | SE 4 | NNW 3 | N 3 | NNE 2 | ESE 1 | - | NNE 2 | NNE 3 | ENE 3 | - | E 2 | - | - | SW 4 | SE 3 |
| Weather | clear | clear | fair | cloudy | fair | cloudy | fair | - | cloudy | cloudy | fair | - | fair | - | - | fair | cloudy |


印刷人 神戸市中山手通七丁目 海洋氣象臺

發行人 發行所

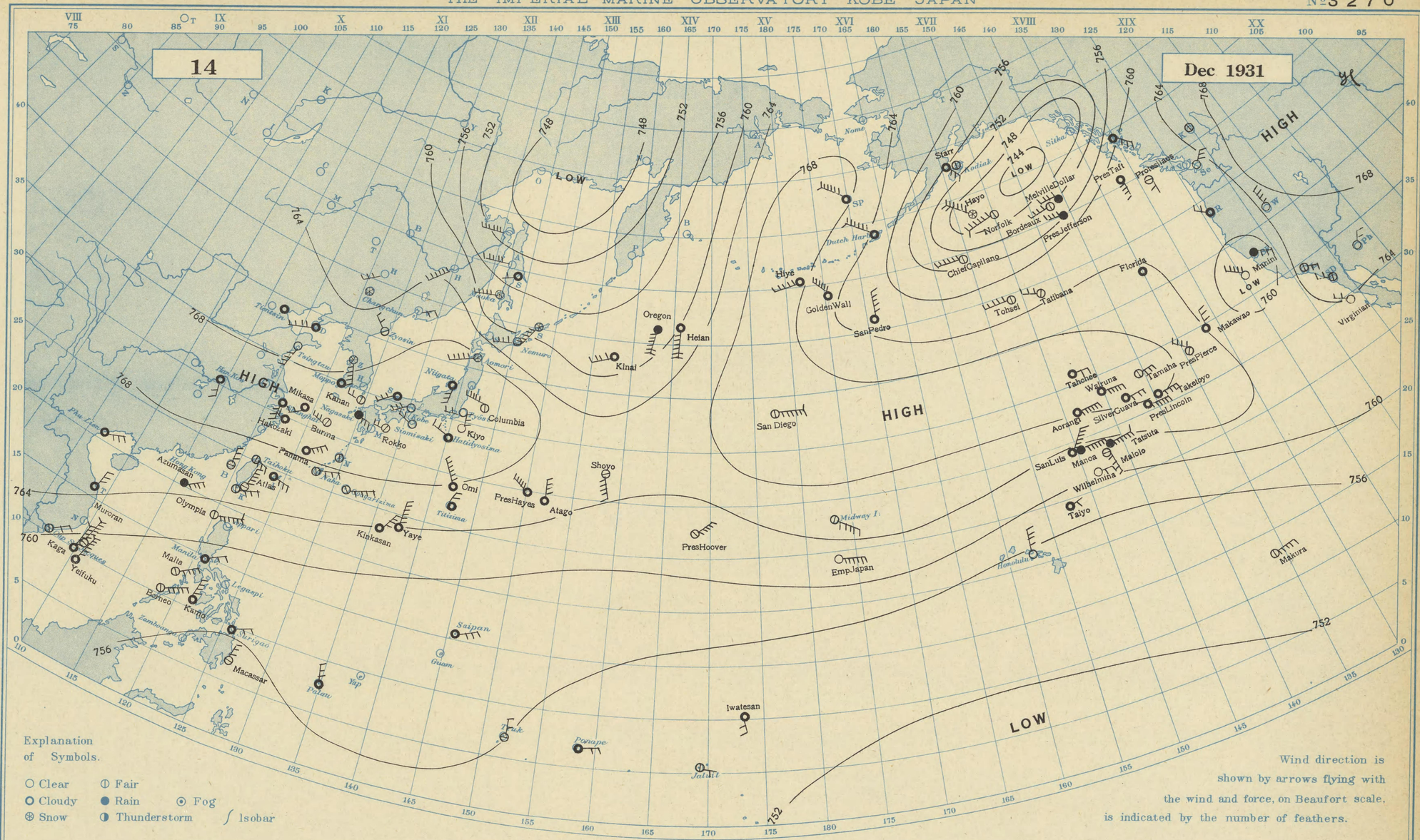
昭和六年一二月一三日 北太平洋天氣圖 第三二六九號

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No3270




| 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.) | 766.3 | 767.7 | 770.9 | 770.2 | 770.9 | 768.9 | 769.4 | 766.7 | 769.6 | 768.1 | 761.9 | 757.2 | 769.1 | 765.8 | 762.4 | 765.2 | 766.3 |
| Air Temperature (in C) | 19.7 | 17.8 | 6.9 | 8.3 | 7.2 | 8.6 | 10.0 | 18.7 | 3.4 | - 3.0 | - 2.2 | - 9.0 | 4.9 | - 4.6 | - 9.5 | - 1.6 | 1.6 |
| Direction and Force of Winds (0-12) | ESE 3 | ENE 3 | ESE 3 | NW 2 | SW 3 | W 2 | NW 2 | NNE 2 | SSW 3 | WSW 5 | W 4 | W 5 | - 1 | NW 2 | - 1 | - 1 | SSW 4 |
| Weather | fair | fair | rain | clear | clear | clear | cloudy | cloudy | cloudy | snow | clear | snow | cloudy | fair | snow | cloudy | clear |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truk 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 13h | Phu-Lien 10h, | Surigao 13h | 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.) | 769.3 | 769.3 | 757.2 | 756.4 | 756.5 | 754.0 | 756.4 | - | * 757.9 | * 765.8 | * 755.4 | * - | 755.9 | 764.5 | - | 765.5 | 767.1 |
| Air Temperature (in C) | 4.3 | 1.5 | 27.7 | 28.1 | 26.9 | 28.8 | 29.5 | - | 27. | 14. | 27. | - | 21. | - | - | 2. | 1. |
| Direction and Force of Winds (0-12) | S 3 | SSE 2 | ENE 3 | NNW 3 | N 2 | E 2 | ESE 1 | - | NE 2 | ENE 3 | NE 2 | - | N 4 | SE 5 | - | NW 7 | calm |
| Weather | cloudy | cloudy | cloudy | cloudy | fair | cloudy | fair | - | cloudy | cloudy | cloudy | - | clear | fair | - | cloudy | fair |


発行人 印刷人 販賣所 神戸市中山手通七丁目 海洋氣象臺

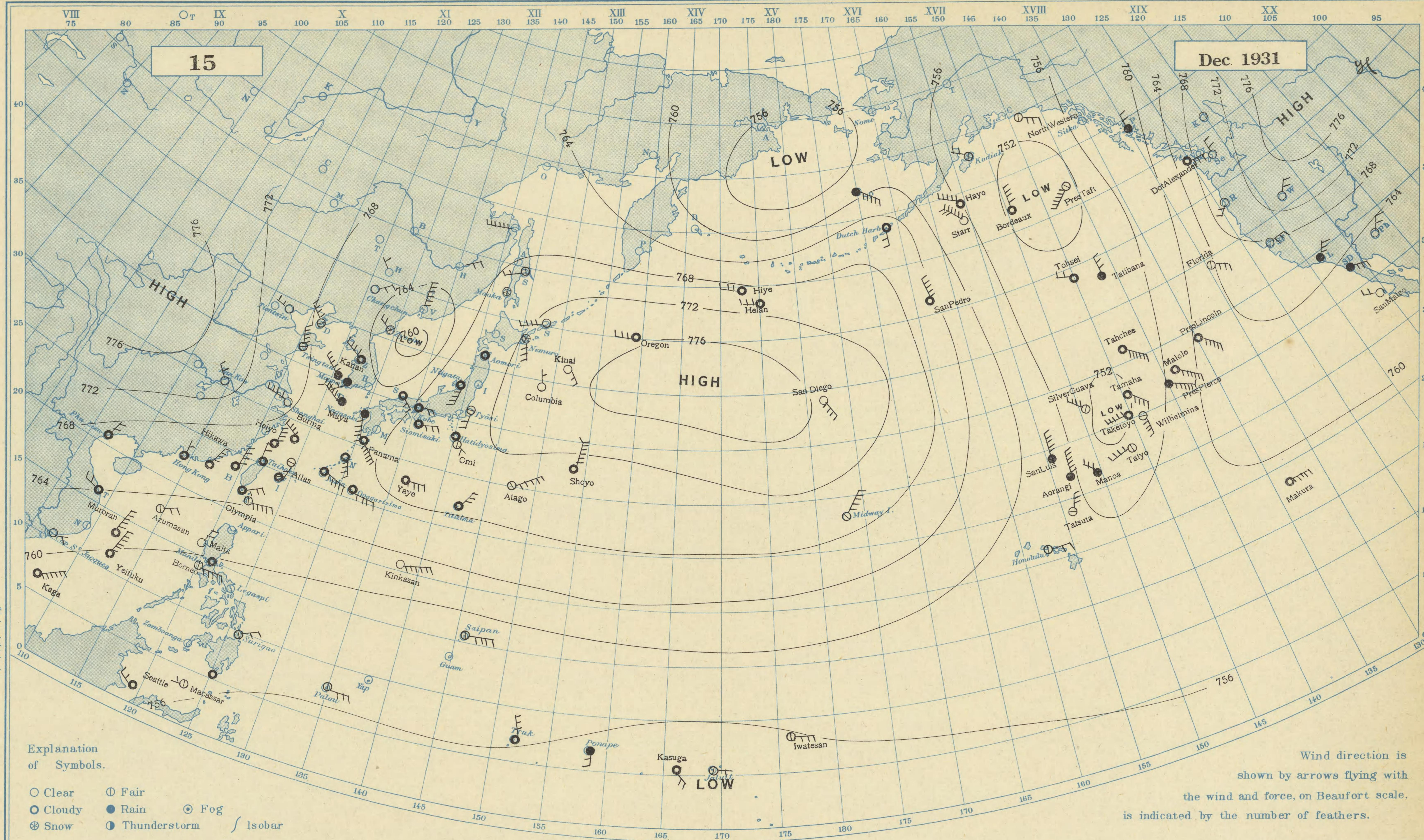
昭和六年一月二一日四 北太平洋天氣圖 第三二七〇號

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 3271




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 / Hour of Observation | Taihoku $12^h$, 135E | Naha $12^h$, 135E | Nagasaki $12^h$, 135E | Siomisaki $12^h$, 135E | Kôbe $12^h$, 135E | Tyôsi $12^h$, 135E | Hatidyôsima $12^h$, 135E | Titizima $12^h$, 135E | Niigata $12^h$, 135E |
|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd. Gr.; * not reduced to Strd. Gr.) | 766.3 | 765.7 | 766.1 | 770.2 | 769.1 | 771.2 | 771.3 | 768.1 | 769.4 |
| Air Temperature (in C) | 20.9 | 21.3 | 12.3 | 10.8 | 10.2 | 11.2 | 14.9 | 20.5 | 6.3 |
| Direction and Force of Winds (0-12) | N 2 | ESE 5 | SSE 5 | ENE 3 | E 2 | SSW 2 | - 1 | NE 3 | SSW 4 |
| Weather | cloudy | cloudy | rain | cloudy | cloudy | fair | cloudy | cloudy | cloudy |

| Station / Hour of Observation | Aomori $12^h$, 135E | Nemuro $12^h$, 135E | Maoka $12^h$, 135E | Moppo $12^h$, 135E | Zyôsin $12^h$, 135E | Changchun $12^h$, 135E | Tientsin $12^h$, 135E | Tsingtau $12^h$, 135E |
|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd. Gr.; * not reduced to Strd. Gr.) | 768.4 | 773.9 | 769.4 | 765.4 | 761.9 | 764.8 | 770.2 | 769.2 |
| Air Temperature (in C) | 5.1 | 2.3 | - 4.9 | 5.9 | - 2.5 | - 8.0 | 0.4 | 0.8 |
| Direction and Force of Winds (0-12) | - 1 | SSE 3 | - 1 | SW 2 | NW 2 | NE 2 | WNW 2 | NNW 5 |
| Weather | cloudy | snow | snow | rain | snow | clear | clear | fair |

| Station / Hour of Observation | Shanghai $12^h$, 135E | Hankow $12^h$, 135E | Saipan $12^h$, 135E | Palau $12^h$, 135E | Truk $7^h$, | Ponape $12^h$, 135E | Jaluit $8^h$, | Hongkong $10^h$, | Manila $13^h$ |
|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd. Gr.; * not reduced to Strd. Gr.) | 769.4 | 775.7 | 757.3 | 756.6 | 756.5 | 755.0 | 756.9 | 766.3 | * 759.5 |
| Air Temperature (in C) | 7.8 | 6.6 | 27.3 | 30.6 | 27.8 | 26.6 | 28.9 | 16. | 28. |
| Direction and Force of Winds (0-12) | WNW 4 | NW 2 | E 4 | E 3 | NNW 3 | S 2 | ESE 1 | N 1 | calm |
| Weather | clear | clear | fair | fair | cloudy | rain | fair | cloudy | cloudy |

| Station / Hour of Observation | Phu-Lien $10^h$, | Surigao $13^h$, | Yap $14^h$, | Honolulu Midnight G.M.T. | Midway I. Midnight G.M.T. | Nome $14^h$, 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.) | * 767.4 | * 757.6 | * - | 757.9 | 768.6 | - | 766.1 | 753.9 |
| Air Temperature (in C) | 16. | 27. | - | 21. | - | - | 1. | 2. |
| Direction and Force of Winds (0-12) | NNE 2 | NE 2 | - | E 2 | NE 5 | - | S 2 | NW 2 |
| Weather | cloudy | fair | - | fair | fair | - | 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

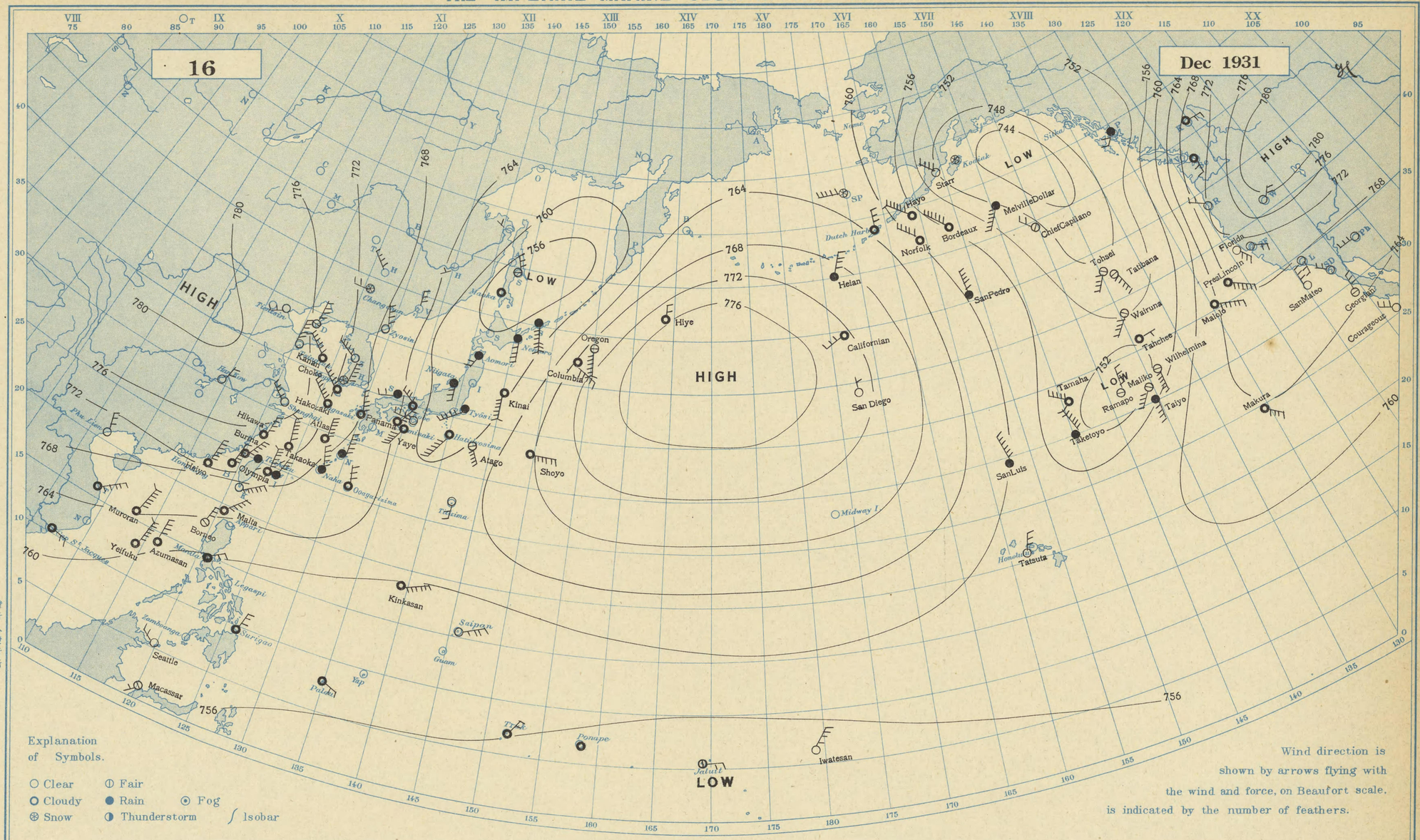
昭和六年一二月一五日 北太平洋天氣圖 第三二七一號

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 3272




| 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.) | 772.8 | 767.3 | 768.2 | 760.7 | 763.1 | 756.9 | 759.3 | 762.1 | 759.1 | 758.6 | 757.1 | 755.0 | 771.3 | 765.9 | 771.2 | 777.1 | 776.5 |
| (* not reduced to Strd. Gr.) | | | | | | | | | | | | | | | | | |
| Air Temperature (in C) | 11.9 | 17.0 | 7.3 | 12.7 | 10.1 | 16.1 | 19.1 | 24.1 | 6.3 | 3.1 | 7.1 | - 3.6 | 2.4 | - 4.5 | -18.2 | - 3.0 | - 1.4 |
| Direction and Force of Winds (0-12) | - 1 | NNW 5 | NNW 5 | WNW 3 | NW 4 | SW 5 | SW 6 | S 2 | S 3 | SW 2 | S 4 | - 1 | N 5 | NNW 4 | W 2 | WSW 2 | N 5 |
| Weather | rain | rain | cloudy | clear | cloudy | rain | cloudy | clear | rain | rain | rain | cloudy | snow | clear | snow | clear | clear |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truk 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 13 | Phu-Lien 10h, | Surigao 13, | 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.) | 777.0 | 778.7 | 757.7 | 757.2 | 756.7 | 755.0 | 757.1 | - | * 759.4 | * 771.2 | * 757.0 | * - | - | - | - | 764.0 | 746.2 |
| (* not reduced to Strd Gr.) | | | | | | | | | | | | | | | | | |
| Air Temperature (in C) | 5.2 | 8.5 | 27.7 | 30.1 | 26.9 | 28.8 | 29.5 | - | 30. | 19. | 28. | - | - | - | - | 2. | - 3. |
| Direction and Force of Winds (0-12) | NW 4 | NNE 2 | ENE 4 | ESE 2 | NE 2 | - 1 | E 2 | - | NE 2 | NNW 3 | NNE 3 | - | - | - | - | N 3 | calm |
| Weather | clear | clear | clear | cloudy | cloudy | cloudy | fair | - | cloudy | clear | cloudy | - | - | - | - | cloudy | snow |


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

昭和六年一二月一六日

北太平洋天氣圖

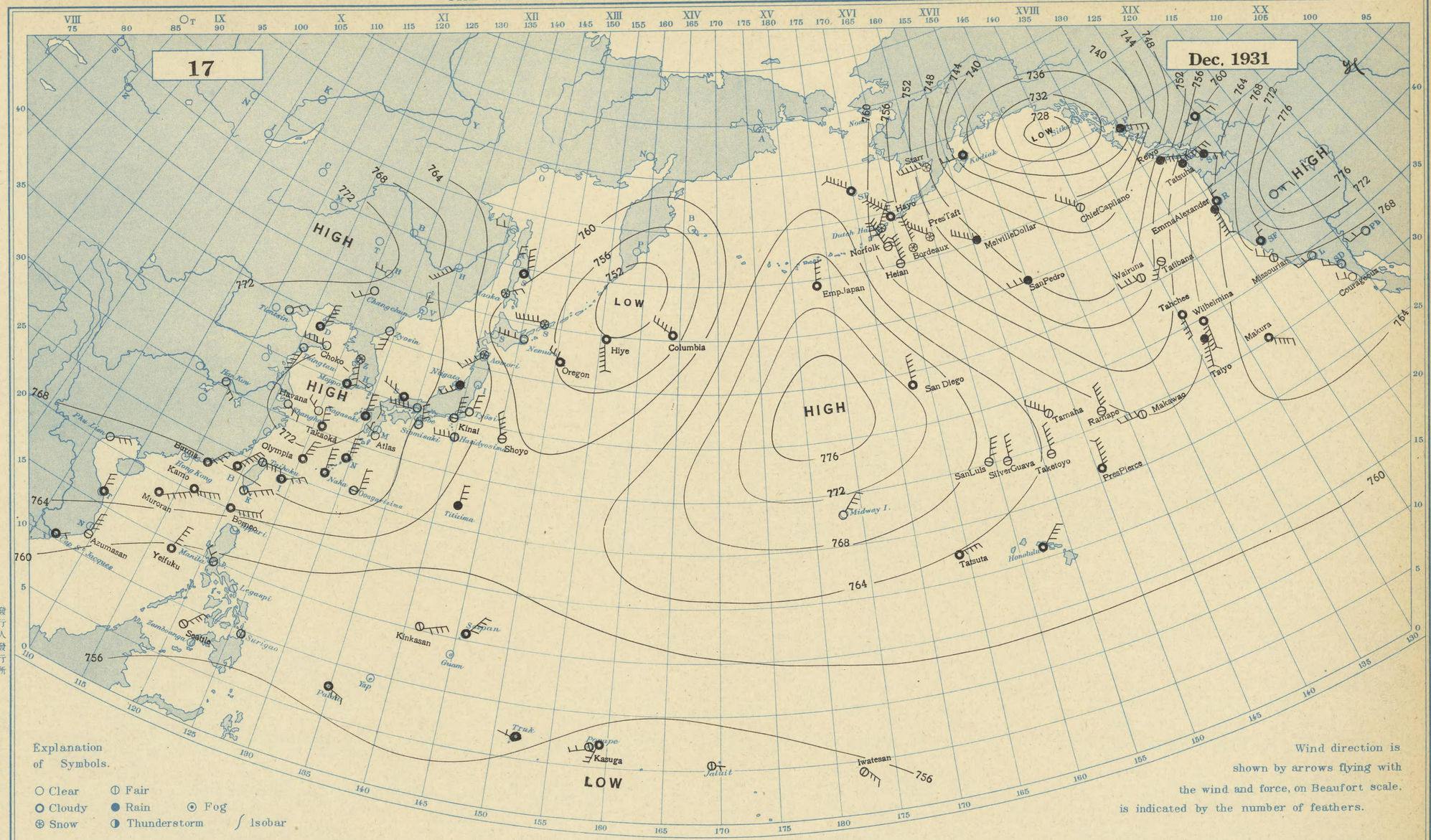
第三二七二號

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 3273




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 / 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.) | 770.0 | 769.7 | 772.4 | 767.9 | 768.9 | 764.5 | 765.4 | 763.0 | 766.6 | 765.2 | 759.1 | 759.0 | 773.2 | 768.4 | 771.3 | 770.6 | 770.8 |
| Air Temperature (in C) | 18.2 | 17.5 | 4.7 | 8.5 | 7.0 | 8.6 | 12.7 | 20.4 | -3.4 | - 2.5 | 0.0 | - 9.0 | 2.5 | - 5.2 | -15.1 | - 1.4 | 3.7 |
| Direction and Force of Winds (0-12) | E 4 | N 4 | N 4 | NNW 3 | W 5 | NNE 3 | W 4 | N 3 | SW 3 | SW 4 | W 5 | NE 2 | - 1 | SSW 3 | SW 2 | NE 2 | SSW 4 |
| Weather | fair | cloudy | cloudy | clear | clear | clear | fair | rain | 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 | Truk 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 13h | Phu-Lien 10h, | Surigao 13h, | 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.) | 772.7 | 770.9 | 757.6 | 756.7 | 757.5 | 754.7 | 757.9 | - | * 758.9 | * 768.4 | * 757.3 | * - | 762.5 | 769.6 | - | 758.4 | 736.6 |
| Air Temperature (in C) | 5.8 | 9.1 | 26.9 | 29.5 | 25.9 | 29.4 | 29.7 | - | 30. | 18. | 27. | - | 20. | - | - | - 2. | - 7. |
| Direction and Force of Winds (0-12) | ESE 2 | SE 2 | NE 4 | ESE 3 | WNW 1 | WSW 2 | ESE 1 | - | NW 2 | ENE 3 | calm | - | NE 4 | NE 4 | - | NE 7 | W 3 |
| Weather | clear | clear | cloudy | cloudy | cloudy | fair | fair | - | fair | clear | fair | - | cloudy | clear | - | snow | cloudy |


発行人 印刷人 神戸市中山手通七丁目 海洋氣象臺

昭和六年一二月一七日

北太平洋天氣圖

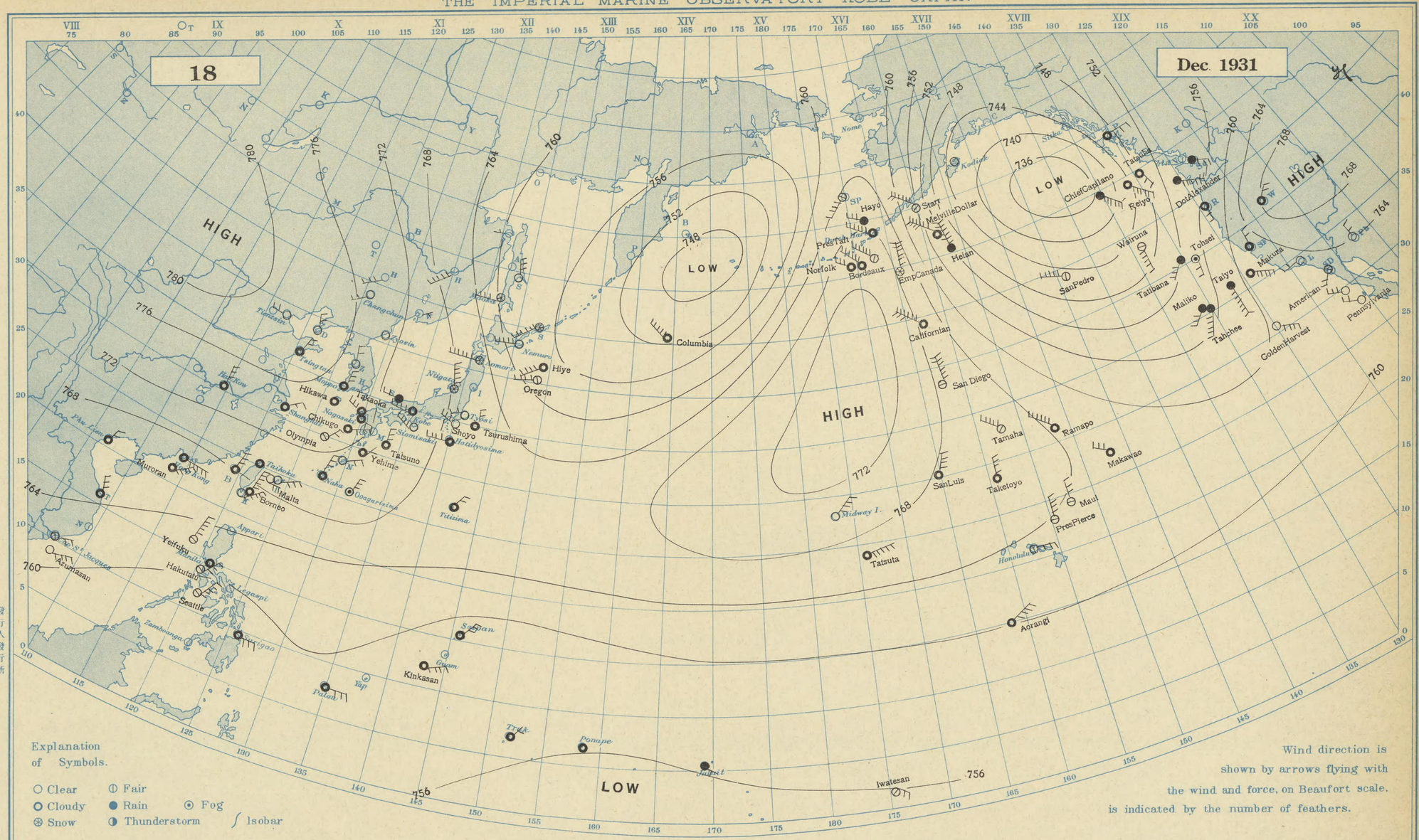
第三七二三號

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№3274




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 / Hour of Observation | Taihoku 12h, 135E | Naha 12h, 135E | Nagasaki 12h, 135 E | Siomisaki 12h, 135 E | Kôbe 12h, 135E | Tyôsi 12h, 135E | Hatidyôsima 12h, 135 E | Titizima 12h, 135 E | 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.) | 768.1 | 769.9 | 772.8 | 769.3 | 770.2 | 764.8 | 767.4 | 767.2 | 768.0 | 766.1 | 759.5 | 757.9 | 774.4 | 772.3 | 775.8 | 778.2 | 776.4 |
| * not reduced to Strd. Gr. | 22.2 | 19.4 | 8.2 | 11.0 | 9.1 | 11.4 | 11.9 | 19.6 | 3.1 | - 5.4 | - 4.3 | -12.2 | 4.0 | - 5.4 | -17.7 | - 1.0 | - 0.1 |
| Air Temperature (in C) | calm | NNE 3 | ESE 2 | NW 4 | WNW 4 | WSW 2 | W 4 | NE 2 | NNW 5 | W 6 | W 5 | W 5 | N 3 | - 1 | SW 2 | W 2 | NNE 2 |
| Direction and Force of Winds (0-12) | cloudy | cloudy | cloudy | clear | cloudy | clear | cloudy | cloudy | snow | snow | clear | snow | cloudy | clear | clear | clear | cloudy |
| Weather | | | | | | | | | | | | | | | | | |

| Station / Hour of Observation | Shanghai 12h, 135 E | Hankow 12h, 135 E | Saipan 12h, 135 E | Palau 12h, 135 E | Truk 7h, | Ponape 12h, 135 E | Jaluit 8h, | Hongkong 10h, | Manila 13 | Phu-Lien 10h, | Surigao 13h, | 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.) | 770.4 | 773.8 | 758.5 | 759.2 | 758.0 | 756.0 | 758.7 | 767.4 | * 760.1 | * 766.8 | * 758.3 | * - | 763.0 | 769.1 | - | 768.1 | 742.2 |
| * not reduced to Strd Gr. | 11.3 | 5.4 | 27.6 | 29.1 | 26.2 | 26.9 | 25.5 | 15. | 27. | 20. | 24. | - | 21. | - | - | 0 | - 6. |
| Air Temperature (in C) | NE 2 | N 3 | NE 3 | E 3 | NE 1 | - 1 | SE 1 | E 5 | calm | NNE 2 | E 3 | - | E 3 | NE 4 | - | NW 6 | calm |
| Direction and Force of Winds (0-12) | cloudy | cloudy | cloudy | cloudy | cloudy | cloudy | rain | cloudy | cloudy | cloudy | cloudy | - | fair | clear | - | cloudy | clear |
| Weather | | | | | | | | | | | | | | | | | |


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


昭和六年一二月一八日

北太平洋天氣圖

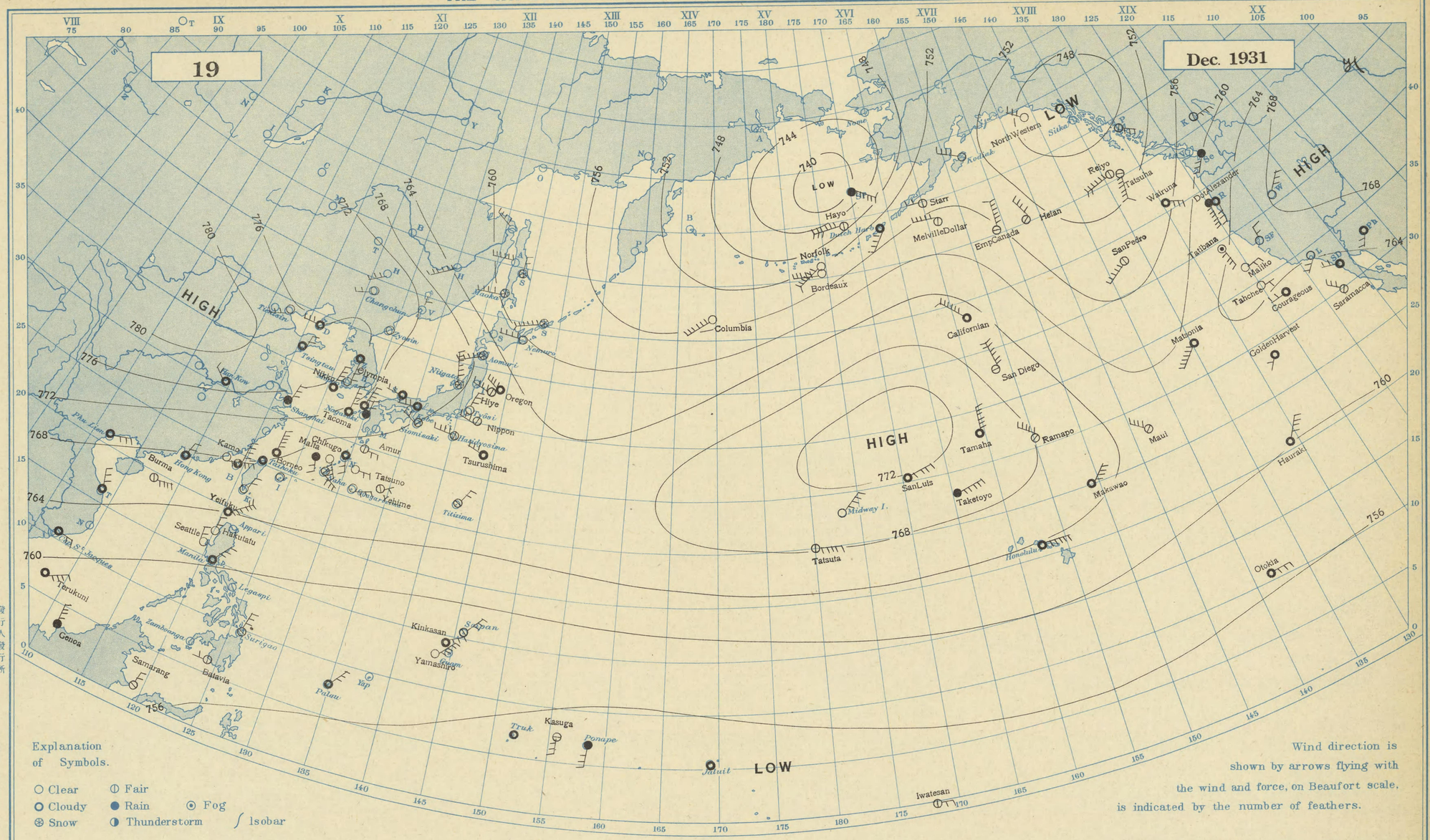
第三二七四號

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3275




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 / 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.) | 768.4 | 767.0 | 771.0 | 768.0 | 769.5 | 765.2 | 766.5 | 766.6 | 768.6 | 766.6 | 760.3 | 759.0 | 774.9 | 772.4 | 774.9 | 776.7 | 777.1 |
| * not reduced to Strd. Gr. | 19.7 | 21.7 | 9.0 | 10.8 | 8.4 | 9.5 | 13.7 | 20.5 | 2.1 | - 4.2 | - 4.0 | -14.0 | 0.8 | - 1.8 | -15.1 | 0 | 0.2 |
| Air Temperature (in C) | calm | SE 3 | N 2 | NW 3 | W 3 | NNE 3 | WNW 4 | NE 2 | NNW 6 | WSW 5 | WNW 4 | W 5 | N 4 | - 1 | WSW 2 | WSW 3 | N 2 |
| Direction and Force of Winds (0-12) | cloudy | fair | rain | fair | cloudy | clear | fair | fair | snow | snow | clear | snow | cloudy | clear | clear | clear | cloudy |
| Weather | | | | | | | | | | | | | | | | | |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truk 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 13h | Phu-Lien 10h, | Surigao 13h, | 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.) | 773.5 | 777.7 | 757.7 | 757.1 | 756.1 | 754.5 | 757.7 | 767.9 | * 760.0 | * 768.6 | * 757.2 | * - | 764.0 | 769.6 | - | 753.9 | 752.3 |
| * not roduced to Strd Gr.) | 7.5 | 4.0 | 26.3 | 29.7 | 25.2 | 24.3 | 27.6 | 23. | 29. | 19. | 28. | - | 22. | - | - | 7. | - 6. |
| Air Temperature (in C) | NNE 3 | NW 2 | NE 3 | NE 3 | calm | S 3 | calm | NNE 2 | NE 3 | ENE 3 | NNE 3 | - | E 5 | NE 4 | - | SW 4 | NW 4 |
| Direction and Force of Winds (0-12) | rain | cloudy | fair | cloudy | cloudy | rain | cloudy | cloudy | cloudy | cloudy | fair | - | cloudy | clear | - | cloudy | clear |
| Weather | | | | | | | | | | | | | | | | | |


發行人 印刷人 販賣所 神戸市中山手通七丁目 海洋氣象臺

昭和六年一二月一九日

北太平洋天氣圖

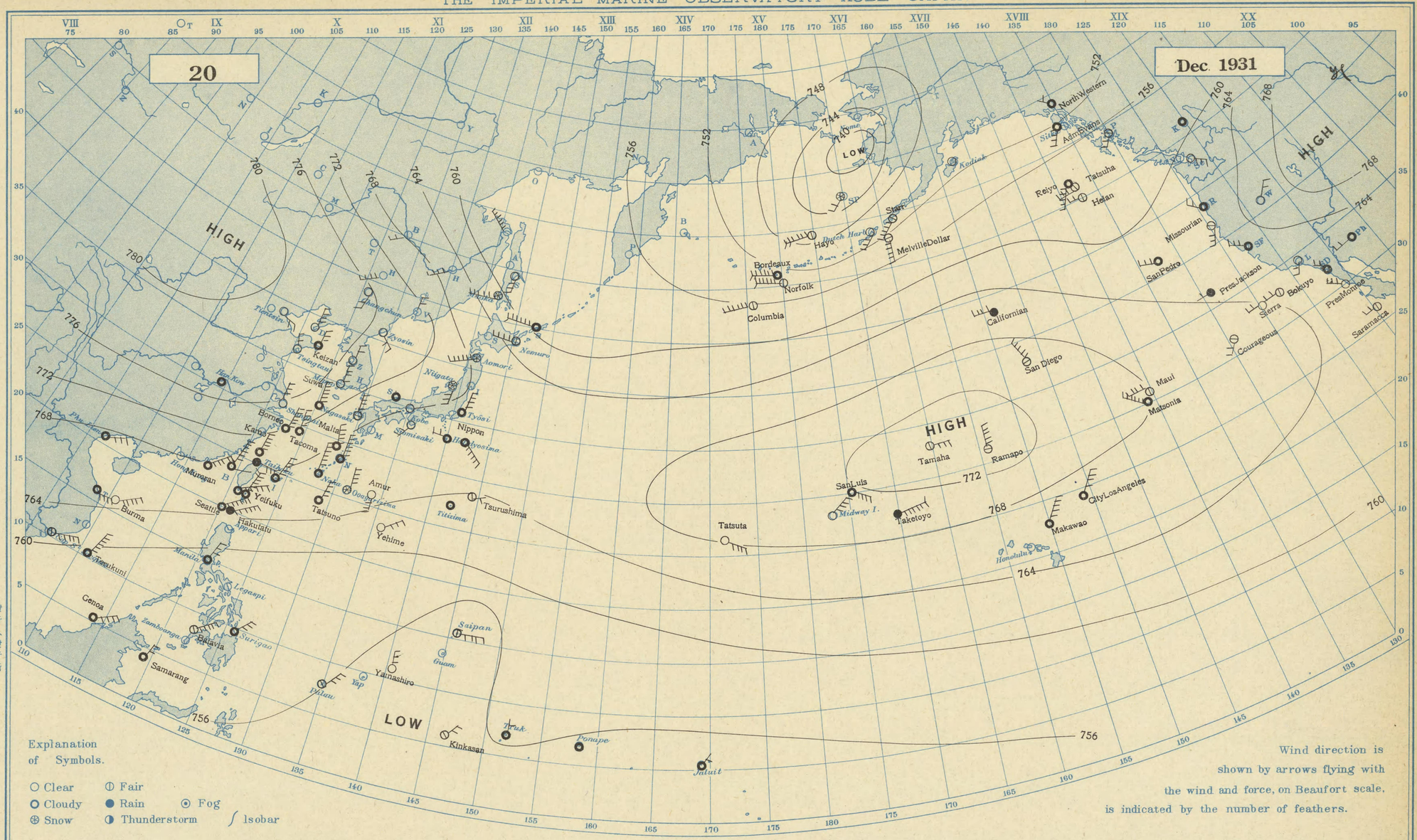
第三二七五號

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№3276




| 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.) | 769.8 | 766.7 | 770.6 | 766.6 | 767.9 | 766.9 | 765.8 | 763.5 | 769.9 | 767.2 | 762.8 | 760.8 | 773.9 | 773.8 | 777.0 | 778.9 | 776.8 |
| Air Temperature (in C) | 17.0 | 18.6 | 7.7 | 12.3 | 9.6 | 7.2 | 13.4 | 22.5 | 2.0 | - 2.6 | - 2.7 | -10.8 | 5.7 | - 0.1 | -11.2 | 0.6 | 0.1 |
| Direction and Force of Winds (0-12) | E 3 | N 6 | N 4 | SW 2 | - 1 | NNE 4 | WNW 2 | - 1 | SSW 3 | WSW 6 | WNW 4 | W 5 | N 4 | SE 2 | SSW 2 | ESE 2 | NNW 2 |
| Weather | rain | cloudy | fair | clear | clear | cloudy | cloudy | cloudy | snow | snow | fair | snow | clear | clear | clear | clear | clear |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truk 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 13h | Phu-Lien 10h, | Surigao 13h, | 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.) | 775.8 | 776.5 | 755.3 | 756.1 | 756.6 | 755.5 | 757.4 | - | * 758.9 | * 767.7 | * 756.4 | * - | - | 771.1 | - | 750.8 | 751.3 |
| Air Temperature (in C) | 8.4 | 5.4 | 27.1 | 29.3 | 26.7 | 25.3 | 27.2 | - | 28. | 20. | 29. | - | - | - | - | 4. | 2. |
| Direction and Force of Winds (0-12) | N 3 | - 1 | E 4 | NE 3 | N 1 | - 1 | NE 1 | - | NNE 3 | ENE 3 | NE 3 | - | - | NE 4 | - | SW 3 | calm |
| Weather | clear | cloudy | fair | fair | cloudy | cloudy | cloudy | - | cloudy | cloudy | cloudy | - | - | clear | - | clear | clear |


印刷人 神戸市中山手通七丁目 海洋氣象臺
發行人 發行所

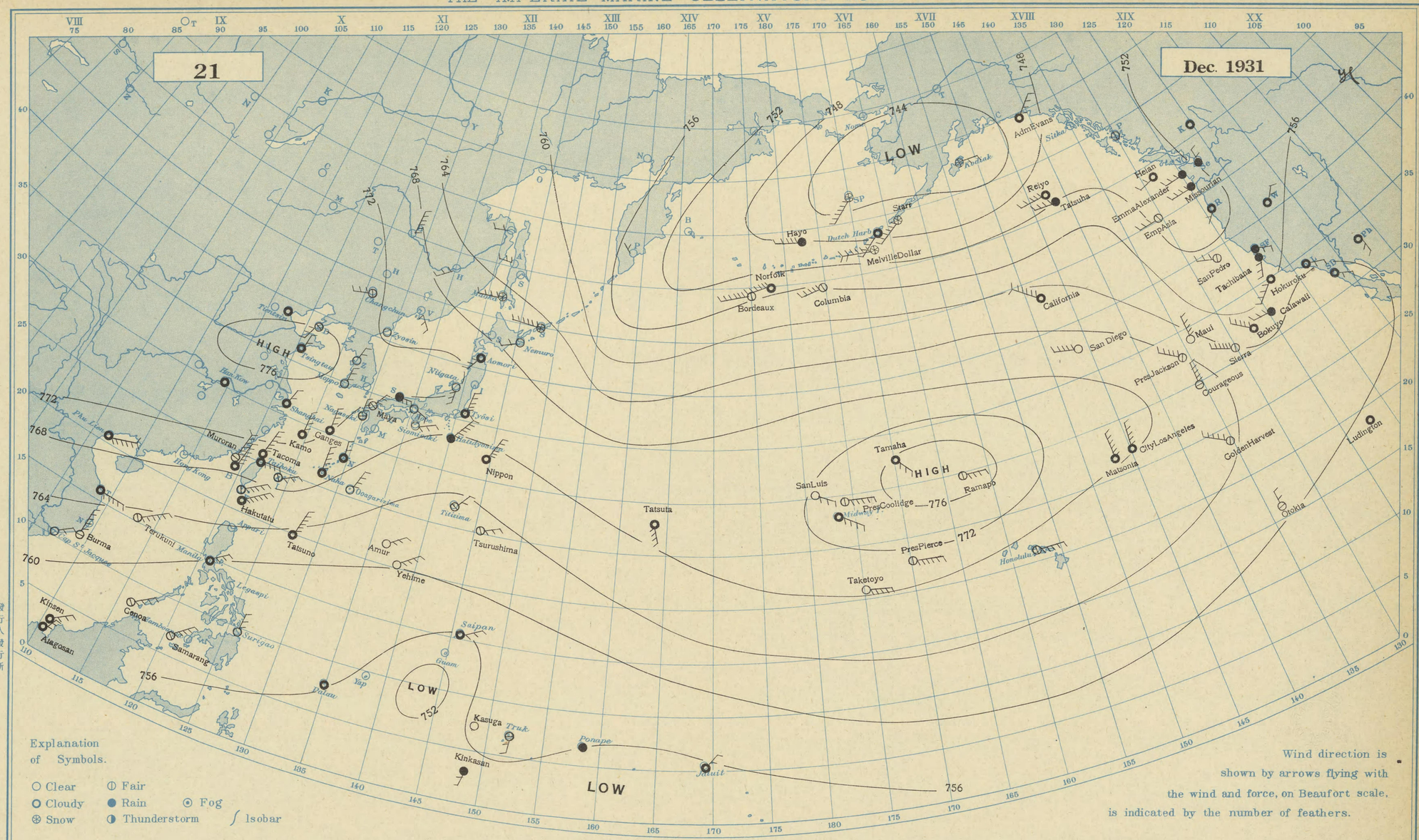

昭和六年一二月二〇日　北太平洋天氣圖　第三二七六號

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3277




| 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.) | 769.8 | 768.3 | 771.5 | 769.1 | 770.8 | 770.3 | 767.1 | 762.7 | 772.6 | 771.3 | 767.2 | 764.2 | 774.7 | 770.6 | 772.8 | 775.8 | 776.5 |
| (* not reduced to Strd. Gr.) | | | | | | | | | | | | | | | | | |
| Air Temperature (in C) | 19.4 | 18.4 | 8.5 | 12.3 | 9.2 | 7.2 | 11.0 | 23.0 | 5.0 | 0.9 | 0.7 | - 5.0 | 4.6 | - 0.2 | - 8.3 | 0.2 | 0.1 |
| Direction and Force of Winds (0-12) | E 4 | N 5 | N 3 | ENE 3 | SE 2 | NNE 5 | NE 7 | NE 2 | S 3 | SW 3 | WSW 2 | W 4 | N 3 | - 1 | WSW 3 | - 1 | N 2 |
| Weather | cloudy | cloudy | fair | clear | clear | cloudy | rain | fair | clear | cloudy | clear | snow | clear | clear | fair | cloudy | cloudy |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truk 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 13 | Phu-Lien 10h, | Surigao 13, | 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.) | 775.3 | 775.5 | 756.0 | 756.1 | 757.8 | 756.0 | 757.9 | - | * 759.4 | * 768.4 | * 756.7 | * - | 765.5 | 772.2 | - | 745.7 | 741.7 |
| (* not reduced to Strd Gr.) | | | | | | | | | | | | | | | | | |
| Air Temperature (in C) | 8.2 | 7.0 | 27.9 | 29.8 | 25.9 | 26.9 | 27.7 | - | 28. | 21. | 28. | - | 21. | - | - | 0 | 0 |
| Direction and Force of Winds (0-12) | NNE 2 | - 1 | ENE 3 | - 1 | S 2 | - 1 | NE 2 | - | NE 3 | ENE 7 | N 3 | - | E 5 | SE 4 | - | SW 4 | E 2 |
| Weather | cloudy | cloudy | cloudy | cloudy | fair | rain | cloudy | - | cloudy | cloudy | cloudy | - | fair | cloudy | - | cloudy | snow |


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

昭和六年一二月二一日

北太平洋天氣圖

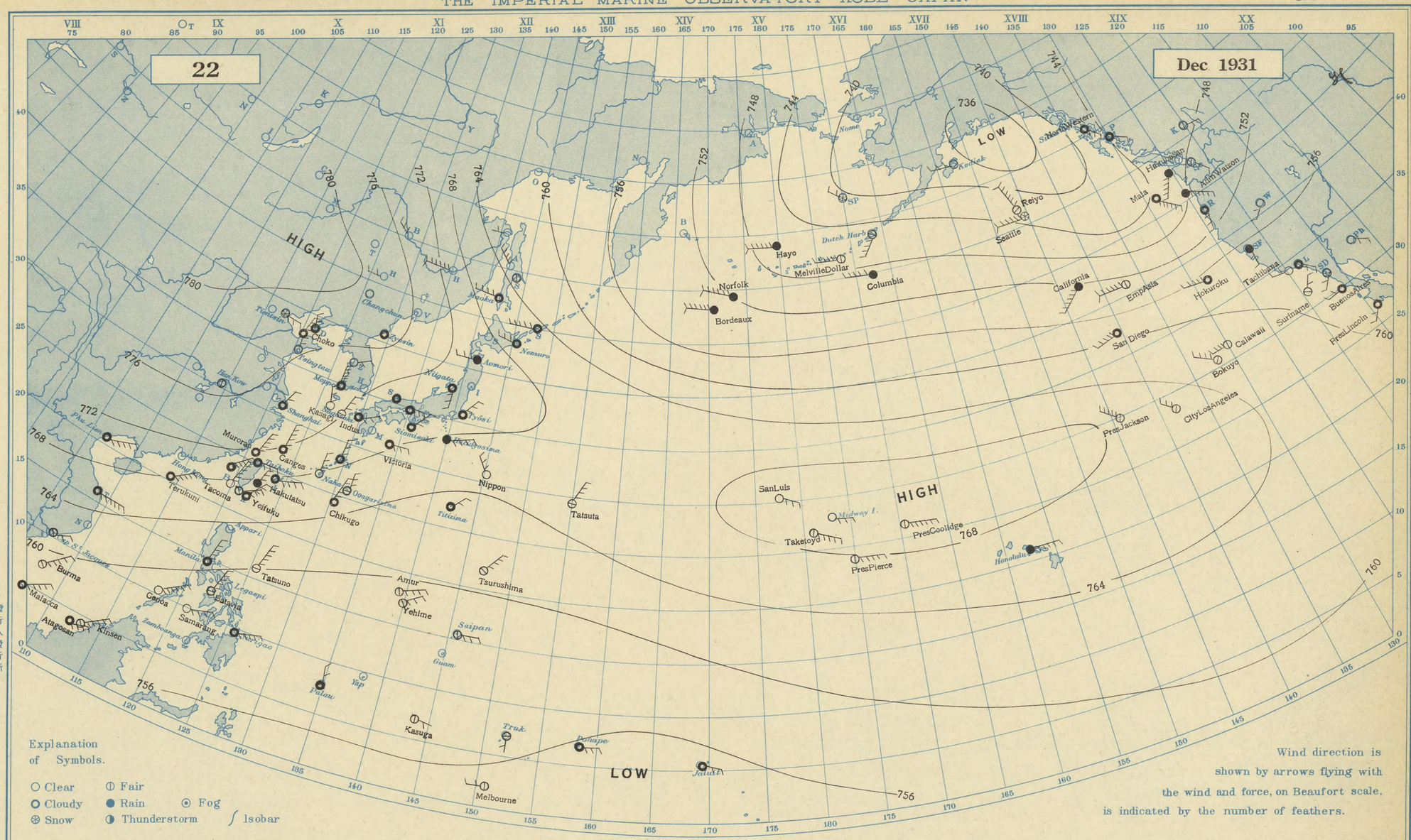
第三七二七號

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 3278




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 / 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 | 768.0 | 770.2 | 768.1 | 769.6 | 769.7 | 766.5 | 763.4 | 771.8 | 769.9 | 764.7 | 764.6 | 773.0 | 776.4 | 780.0 | 777.6 | 775.9 |
| Air Temperature (in C) | 17.8 | 20.3 | 10.6 | 10.9 | 8.4 | 9.2 | 13.7 | 22.3 | 4.0 | 2.9 | 4.0 | - 5.1 | 4.4 | 0.0 | -11.9 | - 2.2 | 3.4 |
| Direction and Force of Winds (0-12) | E 3 | N 3 | NE 3 | NE 3 | ESE 3 | NE 3 | ENE 4 | NE 2 | S 3 | W 3 | WNW 3 | WNW 4 | N 6 | calm | - 1 | E 3 | NNW 2 |
| Weather | cloudy | clear | cloudy | cloudy | cloudy | cloudy | rain | cloudy | cloudy | rain | cloudy | cloudy | cloudy | cloudy | clear | snow | clear |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truk 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 13h | Phu-Lien 10h, | Surigao 13h, | 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.) | 774.8 | 776.1 | 756.7 | 757.1 | 758.5 | 755.7 | 757.6 | 769.2 | * 760.3 | *769.1 | *757.7 | * - | 765.0 | 770.6 | - | 745.7 | 739.1 |
| Air Temperature (in C) | 9.2 | 8.5 | 27.7 | 28.8 | 26.8 | 29.7 | 28. | 18. | 28. | 18. | 26. | - | 22. | - | - | - 1. | - 2. |
| Direction and Force of Winds (0-12) | NNE 2 | - 1 | E 3 | NNW 2 | S 1 | E 3 | ESE 2 | ESE 3 | NNE 5 | ENE 5 | ENE 5 | - | E 5 | E 3 | - | SW 4 | W 3 |
| Weather | cloudy | fair | fair | cloudy | fair | cloudy | cloudy | cloudy | cloudy | cloudy | cloudy | - | rain | clear | - | fair | 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

昭和六年一二月二二日

北太平洋天氣圖

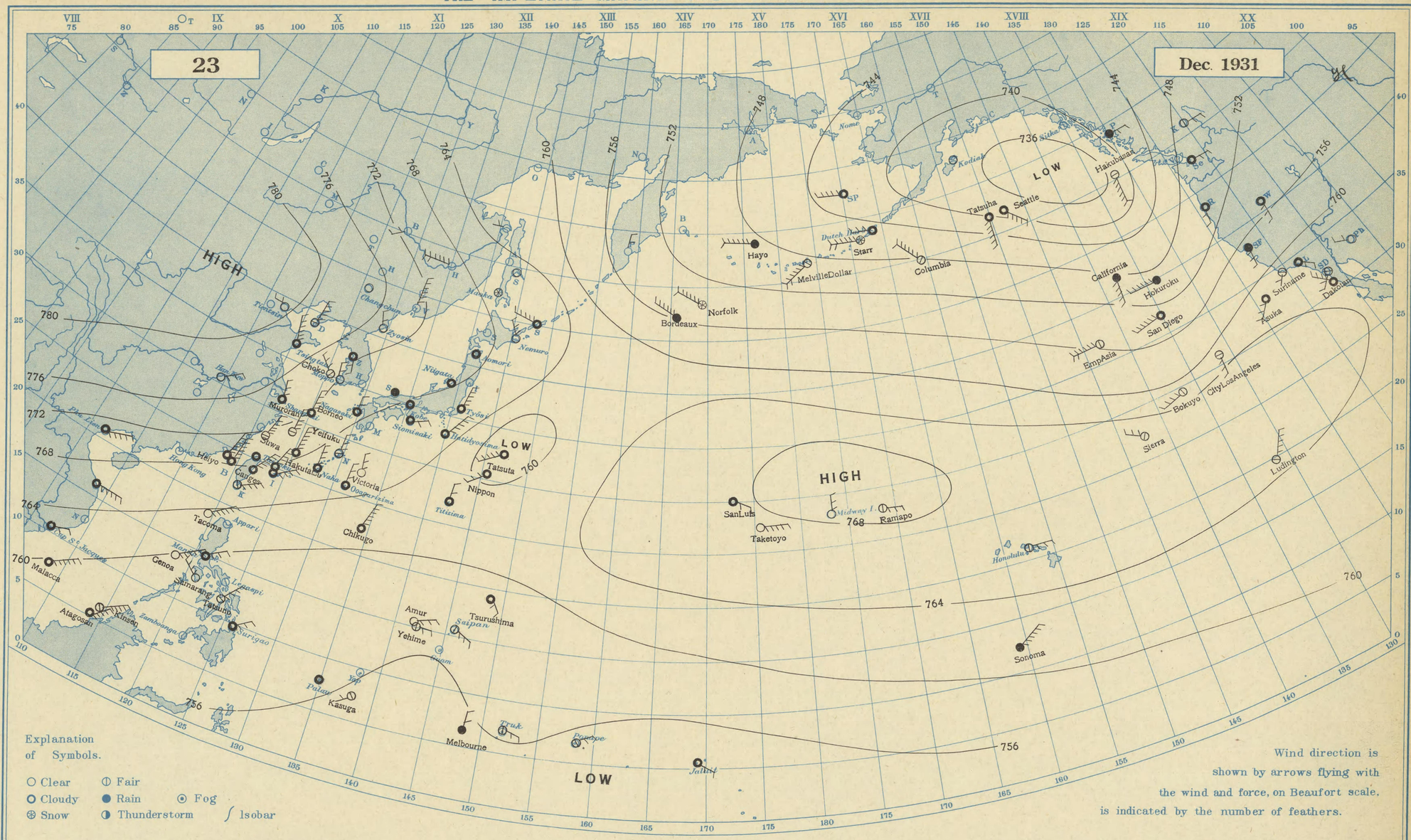
第三二八七號

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3279




| 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 | 766.7 | 768.2 | 765.4 | 766.8 | 766.5 | 764.4 | 761.3 | 768.6 | 758.7 | 767.2 | 766.5 | 771.8 | 773.3 | 777.2 | 780.2 | 776.8 |
| Air Temperature (in C) | 14.9 | 18.9 | 11.8 | 13.5 | 9.5 | 9.4 | 14.1 | 20.7 | 5.3 | 1.1 | - 0.2 | - 5.6 | 7.1 | - 0.4 | -12.1 | - 7.6 | - 0.3 |
| Direction and Force of Winds (0-12) | - 1 | N 4 | N 2 | ENE 2 | - 1 | NNE 5 | NE 5 | N 2 | calm | - 1 | NNW 3 | - 1 | NNW 2 | NNW 2 | - 1 | W 2 | NNW 6 |
| Weather | cloudy | cloudy | cloudy | cloudy | cloudy | cloudy | cloudy | cloudy | cloudy | cloudy | clear | snow | clear | clear | clear | clear | cloudy |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truk 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 13h | Phu-Lien 10h, | Surigao 13h, | 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.) | 775.1 | 777.7 | 756.8 | 756.7 | 757.6 | 754.8 | 757.4 | - | * 759.4 | * 769.8 | * 757.1 | * - | 765.0 | 768.6 | - | 745.7 | 737.1 |
| Air Temperature (in C) | 8.5 | 9.2 | 27.5 | 28.3 | 26.9 | 29.5 | 27.8 | - | 28. | 20. | 28. | - | 22. | - | - | 2. | - 3. |
| Direction and Force of Winds (0-12) | NNW 3 | NE 3 | SE 3 | - 1 | ESE 2 | ENE 2 | SE 2 | - | NE 3 | ENE 5 | NE 3 | - | E 3 | N 3 | - | W 3 | calm |
| Weather | cloudy | clear | fair | cloudy | fair | fair | cloudy | - | cloudy | cloudy | cloudy | - | fair | clear | - | cloudy | clear |


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

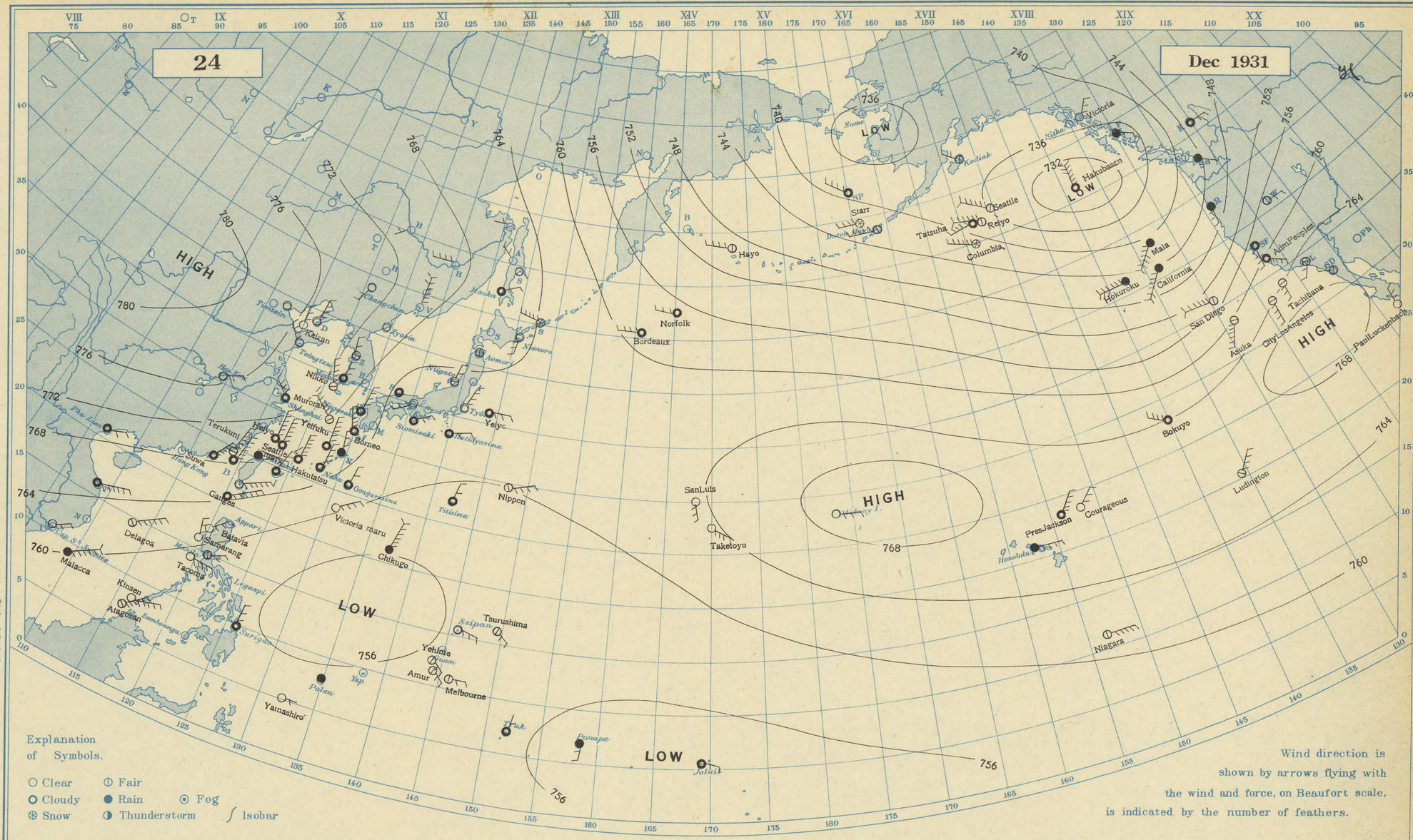

昭和六年一二月二三日 北太平洋天氣圖 第三二七九號

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3280




| 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.) | 769.3 | 765.4 | 766.7 | 762.0 | 762.8 | 763.5 | 761.5 | 759.4 | 763.4 | 766.1 | 765.1 | 765.5 | 769.7 | 769.5 | 773.1 | 776.2 | 775.3 |
| * not reduced to Strd. Gr. | 12.7 | 17.6 | 7.7 | 12.5 | 11.4 | 9.4 | 15.7 | 18.7 | 7.5 | 3.6 | 1.7 | - 5.0 | 3.3 | - 0.1 | -10.6 | - 7.0 | - 1.9 |
| Air Temperature (in C) | - 1 | N 4 | N 4 | NE 2 | SW 4 | NNE 4 | ENE 2 | NNE 2 | NNE 2 | calm | SSW 3 | NE 2 | N 3 | - 1 | SSW 2 | - 1 | NW 4 |
| Direction and Force of Winds (0-12) | rain | cloudy | cloudy | cloudy | clear | clear | cloudy | cloudy | fair | fair | clear | cloudy | cloudy | clear | clear | clear | clear |
| Weather | | | | | | | | | | | | | | | | | |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truk 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 13h | Phu-Lien 10h, | Surigao 13h, | 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.) | 775.2 | 776.9 | 756.1 | 756.2 | 757.7 | 755.5 | 757.2 | - | * 758.8 | * 768.5 | *756.3 | * - | 765.5 | 768.6 | - | 742.2 | 739.1 |
| * not reduced to Strd Gr. | 4.5 | 5.2 | 28.0 | 26.7 | 26.8 | 25.5 | 28.7 | - | 21. | 18. | 27. | - | 21. | - | - | - 2. | - 2. |
| Air Temperature (in C) | NW 4 | NE 2 | ESE 3 | - 1 | N 1 | S 2 | ESE 2 | - | ENE 2 | ENE 2 | N 3 | - | E 4 | E 3 | - | W 5 | NW 2 |
| Direction and Force of Winds (0-12) | cloudy | clear | clear | rain | cloudy | rain | cloudy | - | fair | cloudy | cloudy | - | rain | clear | - | fair | fair |
| Weather | | | | | | | | | | | | | | | | | |


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

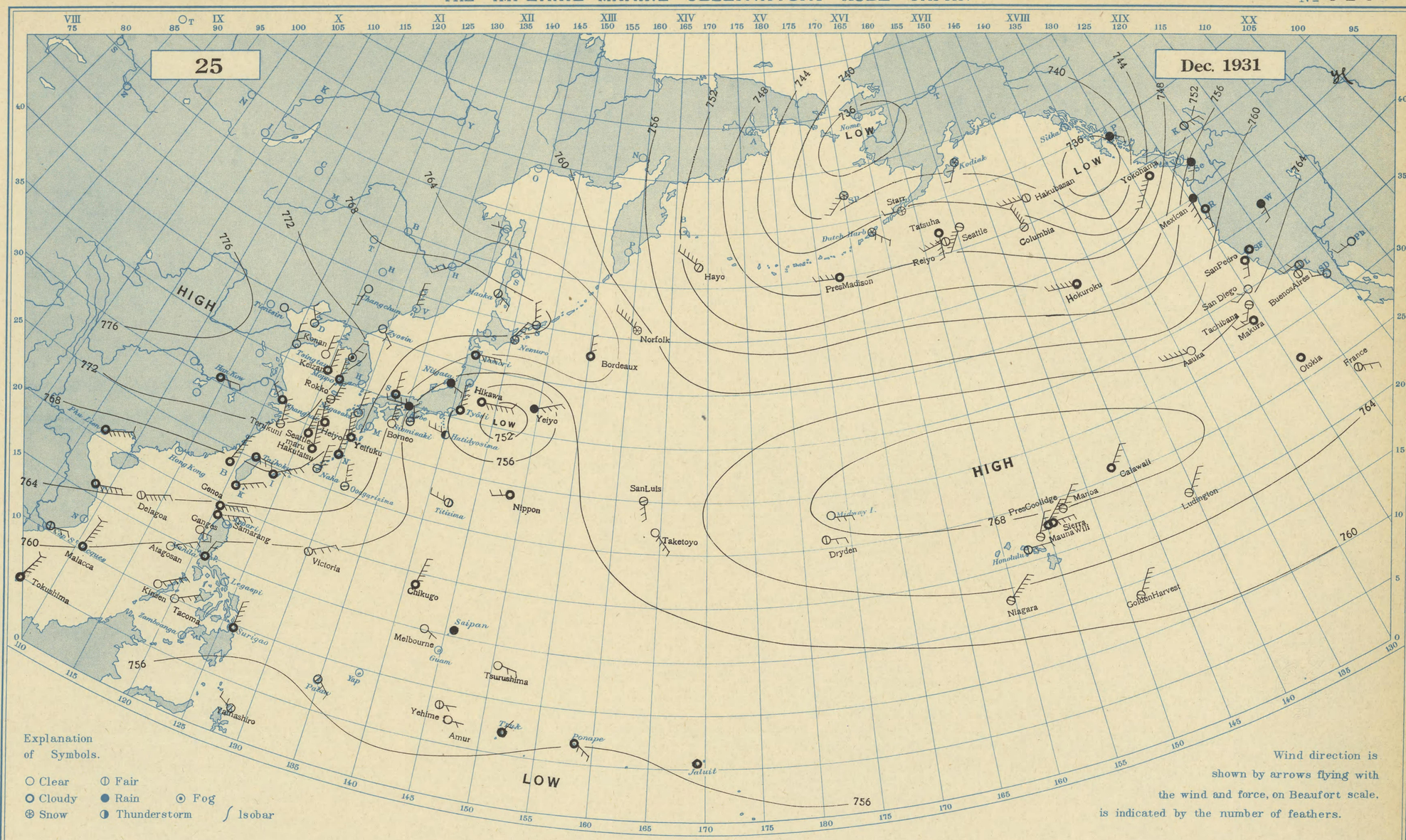
昭和六年一二月二四日 北太平洋天氣圖 第三二八〇號

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3281




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 / Hour of Observation | Taihoku 12h, 135E | Naha 12h, 135E | Nagasaki 12h, 135 E | Siomisaki 12h, 135 E | Kôbe 12h, 135E | Tyôsi 12h, 135E | Hatidyôsima 12h, 135 E | Titizima 12h, 135 E | 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. / * not reduced to Strd. Gr.) | 769.0 | 766.9 | 768.6 | 759.4 | 761.3 | 754.9 | 756.4 | 757.6 | 759.5 | 764.0 | 767.3 | 768.1 | 771.5 | 770.6 | 770.9 | 773.8 | 774.2 |
| Air Temperature (in C) | 16.0 | 15.9 | 8.0 | 11.0 | 8.3 | 9.2 | 10.4 | 20.5 | 5.2 | 2.8 | - 0.5 | - 1.6 | 5.6 | 1.9 | - 7.6 | - 7.4 | - 1.6 |
| Direction and Force of Winds (0-12) | E 3 | N 5 | N 3 | NNW 3 | W 5 | N 5 | WNW 3 | WNW 3 | ESE 2 | E 4 | NE 4 | SE 2 | N 4 | SE 2 | SSW 2 | - 1 | NNW 3 |
| Weather | cloudy | fair | clear | fair | rain | cloudy | th.s | fair | rain | cloudy | snow | fair | cloudy | clear | clear | clear | clear |

| Station / Hour of Observation | Shanghai 12h, 135 E | Hankow 12h, 135 E | Saipan 12h, 135 E | Palau 12h, 135 E | Truk 7h, | Ponape 12h, 135 E | Jaluit 8h, | Hongkong 10h, | Manila 13h | Phu-Lien 10h, | Surigao 13h, | 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.) | 774.9 | 774.4 | 757.3 | 756.7 | 758.2 | 755.8 | 758.9 | - | * 759.2 | * 766.5 | * 757.1 | * - | 766.1 | 768.6 | - | 744.7 | 737.1 |
| Air Temperature (in C) | 2.8 | 4.0 | 25.6 | 29.7 | 26.1 | 25.7 | 25.3 | - | 27. | 17. | 24. | - | 22. | - | - | - 3. | - 2. |
| Direction and Force of Winds (0-12) | NW 2 | E 2 | - 1 | SE 2 | NE 1 | SE 3 | calm | - | NNE 2 | ENE 7 | N 5 | - | E 3 | E 3 | - | SE 3 | SW 2 |
| Weather | cloudy | cloudy | rain | fair | cloudy | cloudy | cloudy | - | cloudy | cloudy | cloudy | - | fair | clear | - | snow | snow |

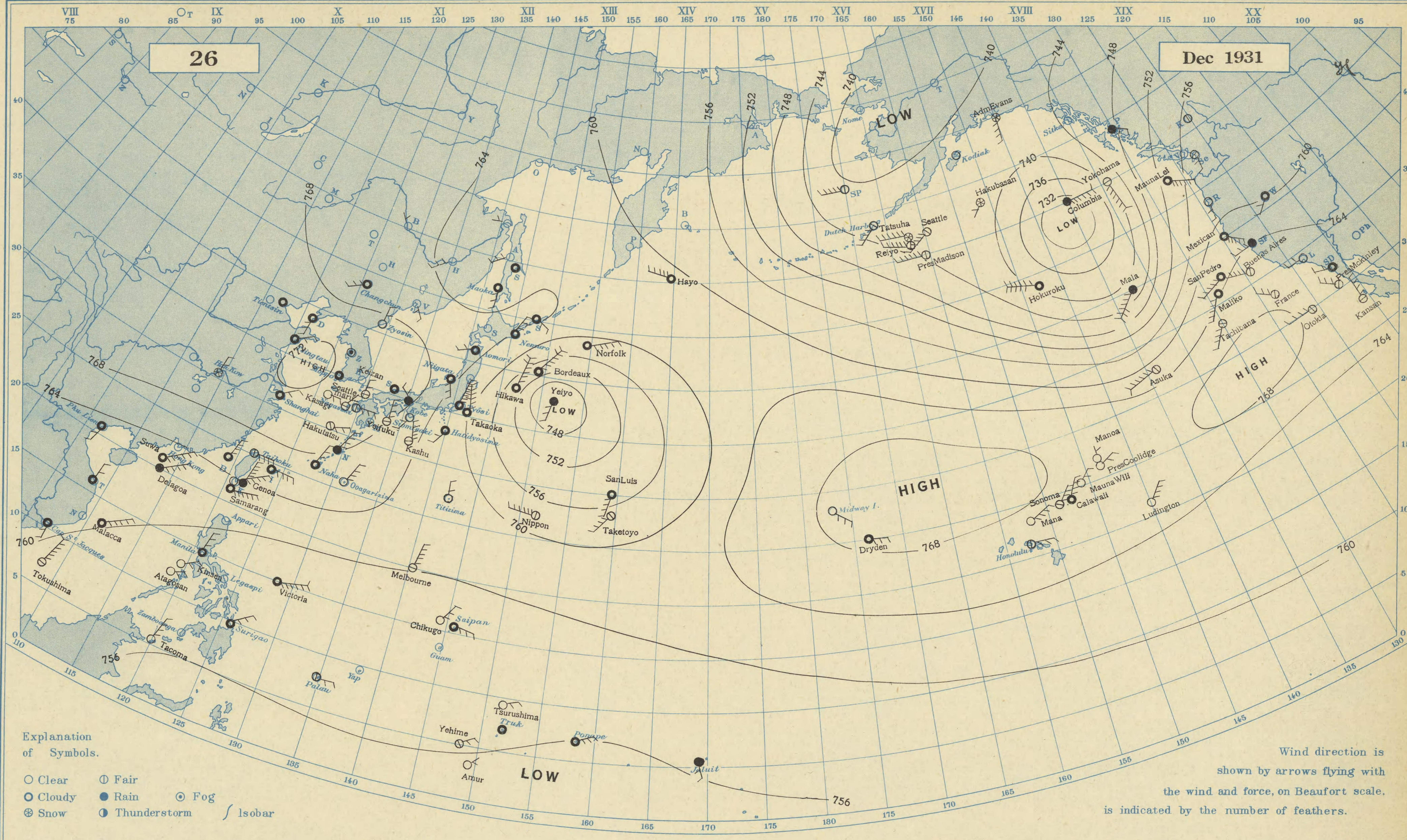

發行人 發行所
印刷人 販賣所
神戸市中山手通七丁目
海洋氣象臺

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

Nº 3282




| Station<br>Hour of Observation | Taihoku<br>12h, 135E | Naha<br>12h, 135E | Nagasaki<br>12h, 135 E | Siomisaki<br>12h, 135 E | Kôbe<br>12h, 135E | Tyôsi<br>12h, 135E | Hatidyôsima<br>12h, 135 E | Titizima<br>12h, 135 E | Niigata<br>12h, 135 E | Aomori<br>12h, 135 E | Nemuro<br>12h, 135 E | Maoka<br>12h, 135 E | Moppo<br>12h, 135 E | Zyôsin<br>12h, 135E | Changchun<br>12h, 135 E | Tientsin<br>12h, 135 E | Tsingtau<br>12h, 135E |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd. Gr.) (* not reduced to Strd. Gr.) | 764.9 | 767.8 | 770.1 | 765.4 | 768.3 | 762.6 | 762.9 | 762.5 | 766.6 | 765.3 | 763.8 | 762.1 | 771.4 | 768.8 | 765.5 | 769.7 | 770.7 |
| Air Temperature (in C) | 19.6 | 18.6 | 10.6 | 12.6 | 8.4 | 6.1 | 13.5 | 18.5 | 5.9 | 3.4 | - 0.4 | 1.0 | 5.1 | 0.5 | - 0.9 | - 3.2 | 1.8 |
| Direction and Force of Winds (0-12) | E 4 | NNE 3 | E 3 | SW 2 | NW 2 | NNE 6 | SW 2 | NNW 2 | SSE 3 | WSW 2 | NE 3 | S 3 | - 1 | N 2 | SW 3 | - 1 | NE 2 |
| Weather | fair | cloudy | fair | clear | rain | cloudy | cloudy | clear | cloudy | cloudy | cloudy | cloudy | cloudy | clear | cloudy | cloudy | cloudy |

| Station<br>Hour of Observation | Shanghai<br>12h, 135 E | Hankow<br>12h, 135 E | Saipan<br>12h, 135 E | Palau<br>12h, 135 E | Truk<br>7h, | Ponape<br>12h, 135 E | Jaluit<br>8h, | Hongkong<br>10h, | Manila<br>13h | Phu-Lien<br>10h, | Surigao<br>13h, | 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.) | 769.9 | 769.1 | 757.7 | 757.1 | 758.6 | 755.6 | 759.2 | - | * 758.6 | *763.1 | *757.0 | * - | 765.5 | 768.1 | - | 741.7 | 741.7 |
| Air Temperature (in C) | 9.8 | 2.0 | 27.7 | 30.0 | 26.5 | 29.3 | 23.8 | - | 26. | 22. | 27. | - | 22. | - | - | - 6. | - 3. |
| Direction and Force of Winds (0-12) | NE 2 | N 2 | ESE 3 | E 2 | calm | ENE 3 | SSE 2 | - | NNE 3 | SSW 2 | NE 3 | - | E 3 | SE 3 | - | SW 4 | - |
| Weather | cloudy | snow | cloudy | fair | cloudy | cloudy | rain | - | cloudy | cloudy | cloudy | - | fair | clear | - | fair | - |

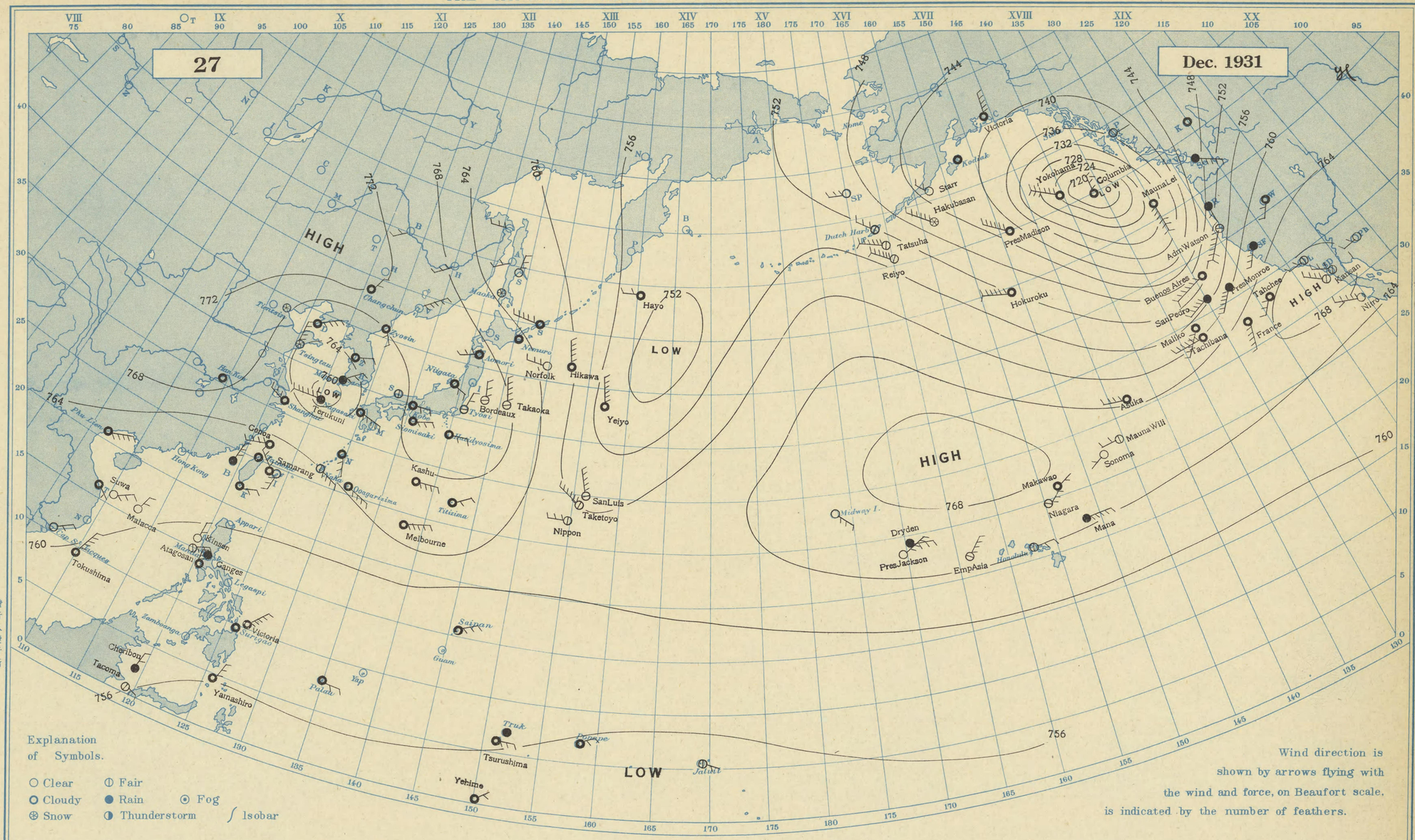
發行人發行所
印刷人販賣所
神戸市中山手通七丁目
海洋氣象臺

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 3283




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 / 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.) | 763.2 | 764.1 | 764.8 | 768 8 | 768.9 | 771.9 | 769.5 | 766.7 | 769.9 | 768.4 | 764.7 | 763.5 | 761.6 | 768.0 | 772.1 | 768.0 | 764.0 |
| Air Temperature (in C) | 19.3 | 21.7 | 12.0 | 12.4 | 8.2 | 10.2 | 14.4 | 20.3 | 6.9 | 5.6 | 0.1 | - 4.3 | 6.0 | 4.4 | -12.6 | 0.6 | 0.6 |
| Direction and Force of Winds (0-12) | - 1 | ESE 4 | ESE 5 | ENE 3 | E 2 | NNE 2 | E 2 | NE 2 | SE 2 | WSW 3 | - 1 | - 1 | NE 3 | SE 2 | NNE 2 | - 1 | N 5 |
| Weather | cloudy | fair | cloudy | cloudy | cloudy | fair | cloudy | cloudy | cloudy | cloudy | cloudy | snow | rain | cloudy | cloudy | snow | snow |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truk 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 13h | Phu-Lien 10h, | Surigao 13h, | 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.) | 764.7 | 769.6 | 758.0 | 757.0 | 757.5 | 754.5 | 757.7 | - | * 758.2 | * 762.9 | * 756.7 | * - | 764.0 | 766.1 | - | 754.4 | 741.2 |
| Air Temperature (in C) | 4.5 | 2.8 | 25.9 | 29.8 | 24.1 | 29.2 | 28.6 | - | 26. | 19. | 27. | - | 22. | - | - | - 4. | - 2. |
| Direction and Force of Winds (0-12) | WNW 3 | - 1 | ENE 3 | E 2 | calm | ENE 2 | ESE 1 | - | calm | ENE 5 | calm | - | E 2 | SE 3 | - | NW 3 | calm |
| Weather | cloudy | cloudy | cloudy | cloudy | rain | cloudy | fair | - | rain | cloudy | cloudy | - | fair | 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

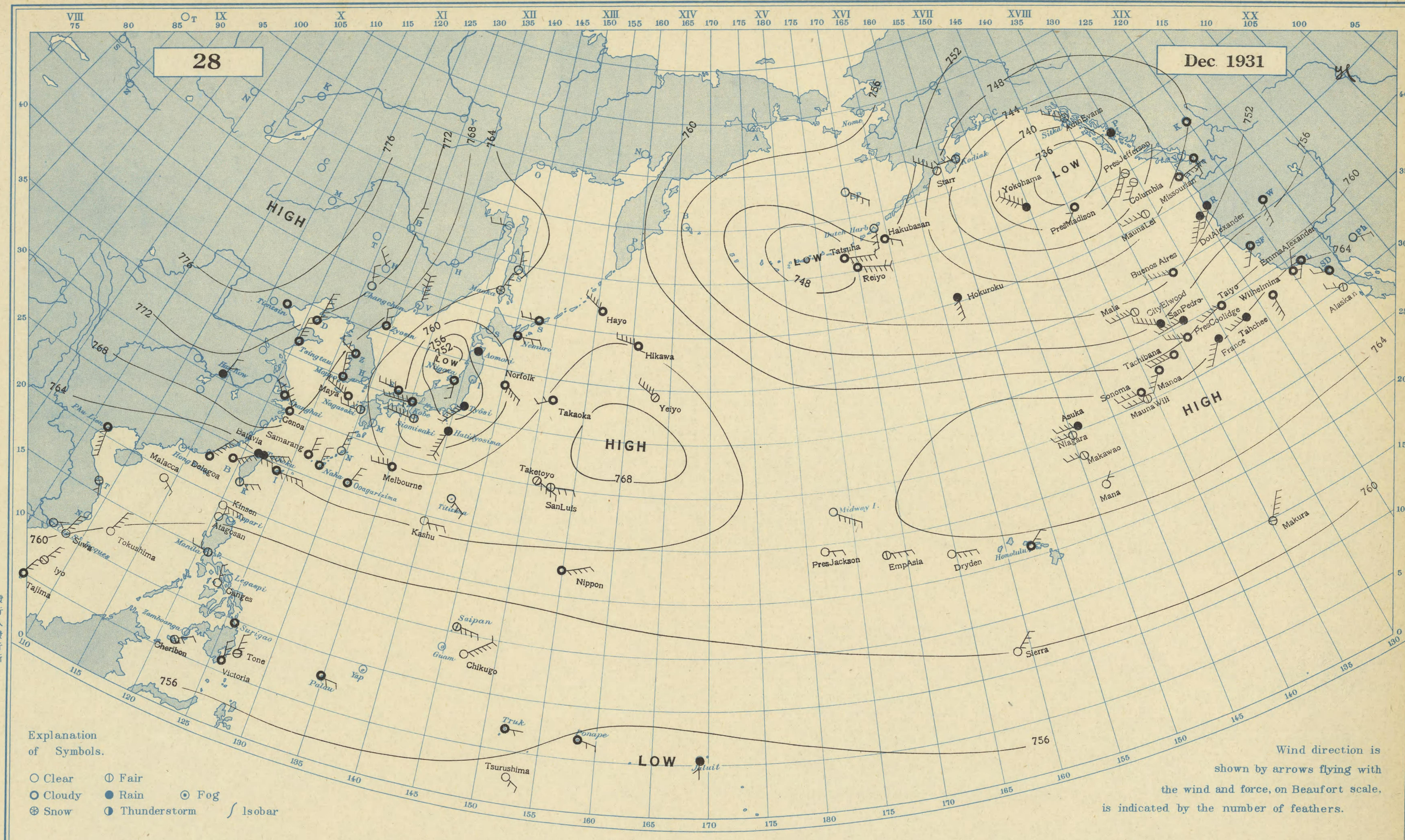

昭和六年一二月二七日 北太平洋天氣圖 第三八二三號

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3284




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 / Hour of Observation | Taihoku 12h, 135E | Naha 12h, 135E | Nagasaki 12h, 135 E | Siomisaki 12h, 135 E | Kôbe 12h, 135E | Tyôsi 12h, 135E | Hatidyôsima 12h, 135 E | Titizima 12h, 135 E | Niigata 12h, 135 E |
|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd. Gr.; * not reduced to Strd. Gr.) | 763.9 | 765.5 | 765.8 | 758.1 | 758.4 | 752.9 | 757.4 | 765.1 | 753.1 |
| Air Temperature (in C) | 17.9 | 19.2 | 13.5 | 17.1 | 14.6 | 12.1 | 17.0 | 22.3 | 11.0 |
| Direction and Force of Winds (0-12) | E 3 | N 2 | W 4 | W 6 | W 6 | SW 6 | SSW 8 | SE 3 | S 2 |
| Weather | rain | cloudy | fair | fair | cloudy | rain | rain | clear | cloudy |

| Station / Hour of Observation | 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.; * not reduced to Strd. Gr.) | 757.0 | 761.9 | 763.7 | 766.6 | 765.0 | 772.9 | 774.7 | 770.8 |
| Air Temperature (in C) | 3.1 | 3.3 | - 5.0 | 7.4 | 2.1 | -12.1 | - 1.2 | - 0.4 |
| Direction and Force of Winds (0-12) | - 1 | E 3 | NNE 3 | NNW 4 | NNW 2 | NNW 2 | - 1 | N 5 |
| Weather | rain | cloudy | snow | cloudy | cloudy | clear | cloudy | cloudy |

| Station / Hour of Observation | Shanghai 12h, 135 E | Hankow 12h, 135 E | Saipan 12h, 135 E | Palau 12h, 135 E | Truk 7h, | Ponape 12h, 135 E | Jaluit 8h, | Hongkong 10h, | Manila 13h |
|---|---|---|---|---|---|---|---|---|---|
| Atm. Pressure (Red. to m.s.l. and Strd Gr.; * not reduced to Strd Gr.) | 770.0 | 771.6 | 758.2 | 757.0 | 757.0 | 755.4 | 757.3 | - | *758.2 |
| Air Temperature (in C) | 4.6 | 2.6 | 27.0 | 29.7 | 26.8 | 29.1 | 24.5 | - | 29. |
| Direction and Force of Winds (0-12) | NW 2 | NNE 2 | ESE 4 | E 2 | E 1 | ESE 2 | S 1 | - | W 2 |
| Weather | cloudy | rain | fair | cloudy | cloudy | cloudy | rain | - | fair |

| Station / Hour of Observation | Phu-Lien 10h, | Surigao 13h, | 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.) | *760.5 | *756.3 | * - | 763.5 | 762.5 | - | 755.4 | 744.7 |
| Air Temperature (in C) | 24. | 27. | - | 22. | - | - | - 6. | - 4. |
| Direction and Force of Winds (0-12) | SSE 6 | calm | - | NE 2 | SE 5 | - | S 3 | W 3 |
| Weather | cloudy | cloudy | - | cloudy | clear | - | clear | fair |

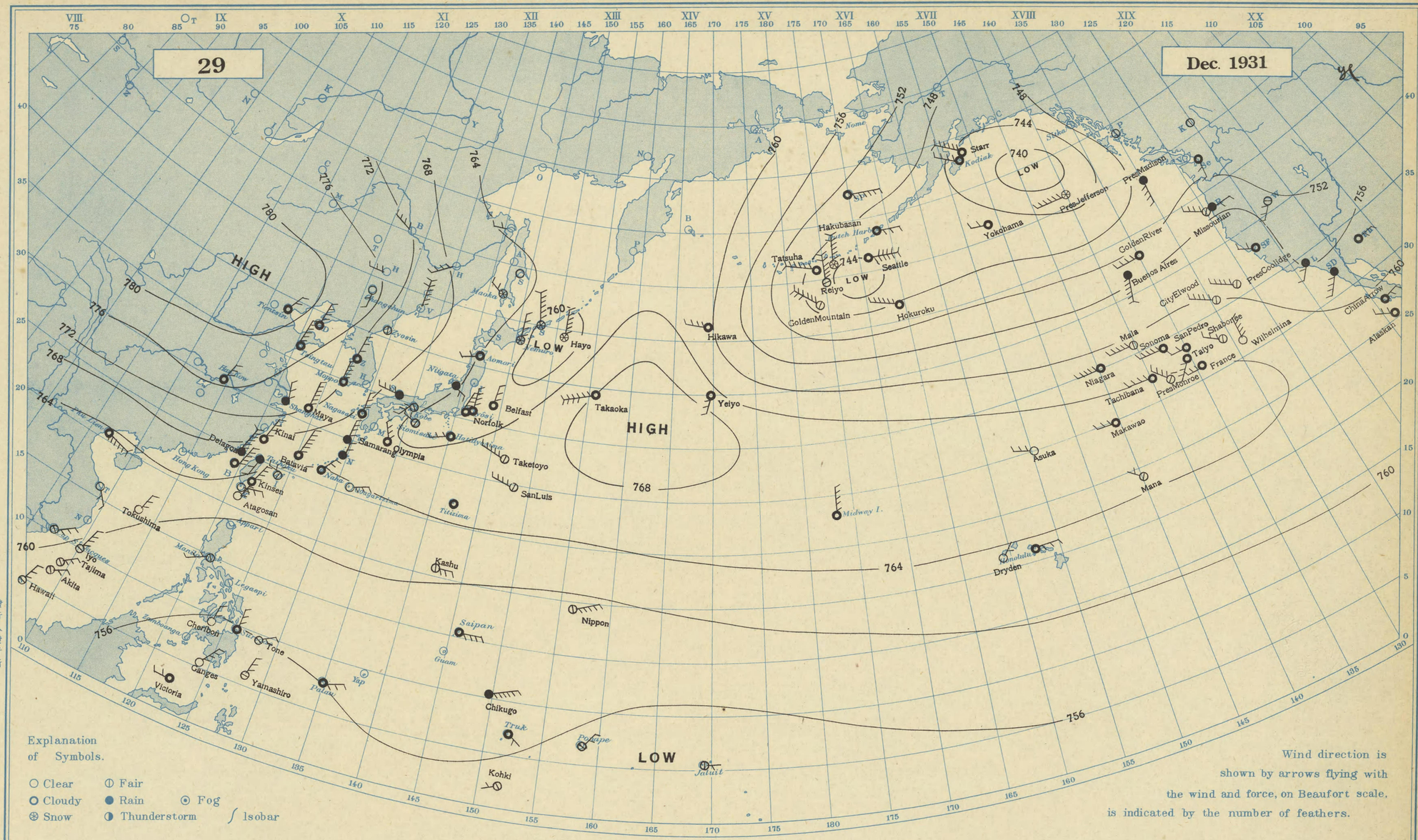
發行人發行所
印刷人販賣所
神戸市中山手通七丁目
海洋氣象臺

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 3285




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 / 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 | Neimuro 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.) | 764.8 | 763.5 | 767.6 | 763 5 | 765.1 | 761.2 | 763.4 | 764.3 | 764.7 | 763.9 | 762.6 | 765.3 | 771.6 | 771.4 | 776.8 | 780.6 | 776.7 |
| * not reduced to Strd. Gr. | 18.9 | 19.3 | 11.4 | 15.5 | 13.2 | 12.6 | 17.1 | 23.1 | 1.5 | 3.4 | - 3.8 | - 8.8 | 3.5 | - 0.3 | -12.3 | - 5.6 | - 1.9 |
| Air Temperature (in C) | SSW 2 | NE 3 | N 3 | NW 3 | SW 3 | NNE 4 | WSW 3 | - 1 | SE 2 | WSW 2 | N 4 | - 1 | N 5 | - 1 | S 2 | NNE 2 | N 6 |
| Direction and Force of Winds (0-12) | rain | cloudy | cloudy | fair | fair | cloudy | cloudy | cloudy | rain | cloudy | snow | snow | cloudy | fair | clear | cloudy | cloudy |
| Weather | | | | | | | | | | | | | | | | | |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truk 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 13h | Phu-Lien 10h, | Surigao 13h, | 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.) | 773.8 | 776.8 | 757.9 | 756.0 | 757.4 | 754.9 | 756.9 | - | * 757.7 | * 763.3 | * 755.9 | * - | 763.5 | 765.0 | - | 745.2 | 743.7 |
| * not reduced to Strd Gr. | 4.6 | 2.8 | 27.5 | 29.6 | 26.1 | 29.1 | 29.0 | - | 30. | 21. | 28. | - | 23. | - | - | - 1. | - 6. |
| Air Temperature (in C) | NNW 3 | NNE 3 | E 4 | ENE 3 | SE 1 | NE 2 | E 1 | - | WSW 3 | ESE 7 | N 3 | - | E 3 | N 5 | - | E 3 | NW 4 |
| Direction and Force of Winds (0-12) | rain | cloudy | cloudy | cloudy | cloudy | fair | fair | - | fair | cloudy | cloudy | - | cloudy | cloudy | - | cloudy | cloudy |
| Weather | | | | | | | | | | | | | | | | | |


印刷人 發行人 印刷所 發行所
神戸市中山手通七丁目
海洋氣象臺

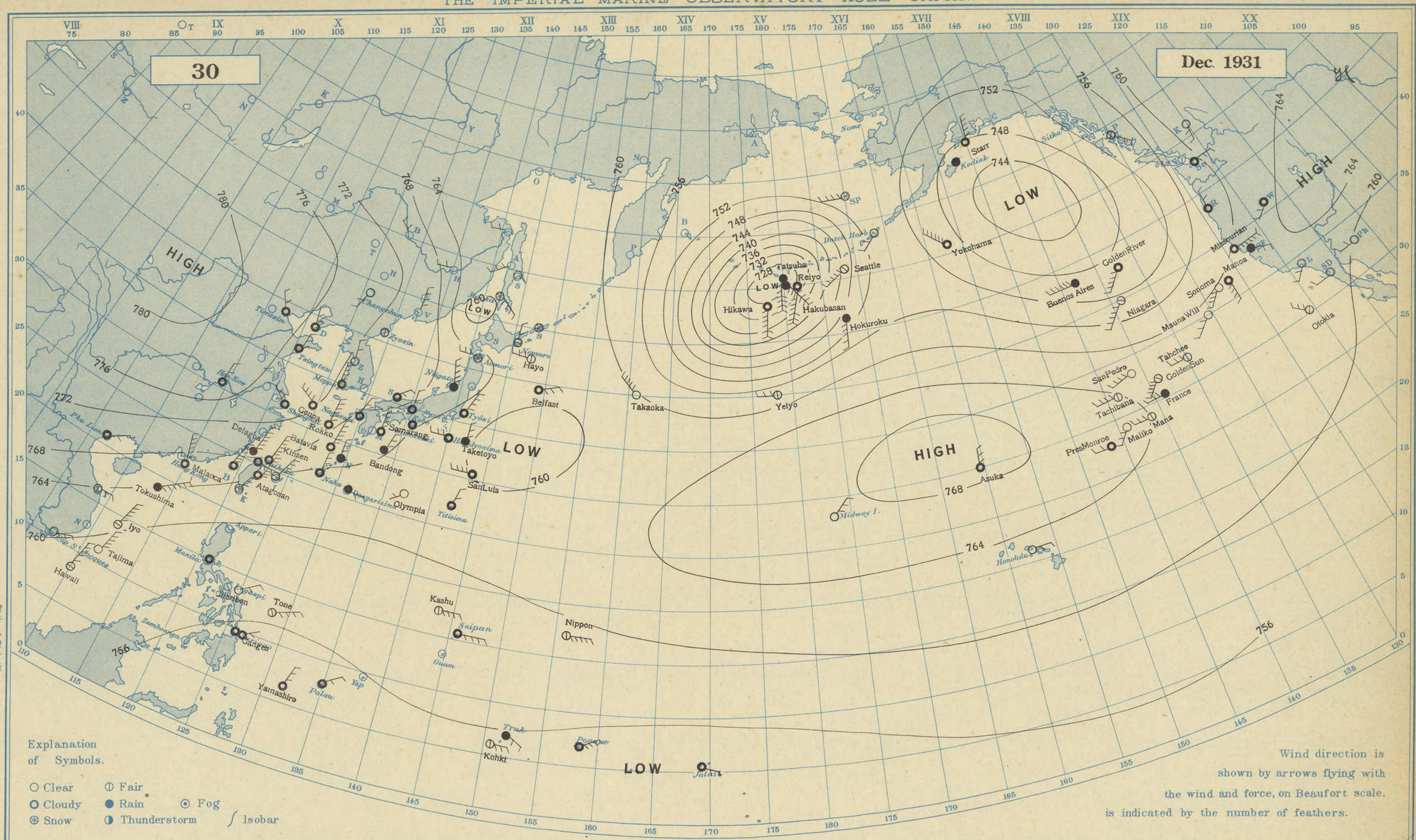

昭和六年 二月二十九日 北太平洋天氣圖 第三八二五號

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

No 3286




| 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.) | 767.1 | 763.5 | 767.0 | 764.0 | 766.9 | 762.3 | 762.0 | 761.3 | 766.0 | 764.3 | 762.6 | 760.6 | 770.6 | 771.8 | 774.5 | 776.5 | 775.2 |
| Air Temperature (in C) | 16.8 | 18.4 | 9.1 | 12.6 | 7.8 | 10.5 | 15.8 | 21.9 | 3.8 | 1.6 | - 4.7 | - 8.0 | 3.3 | - 0.5 | -10.9 | - 3.7 | - 2.5 |
| Direction and Force of Winds (0-12) | E 3 | N 4 | NNE 2 | - 1 | N 2 | NNE 4 | W 3 | NNE 2 | NNW 5 | W 3 | N 2 | SE 4 | N 4 | - 1 | SSW 2 | NW 2 | N 3 |
| Weather | cloudy | cloudy | cloudy | cloudy | cloudy | cloudy | cloudy | cloudy | rain | snow | fair | snow | cloudy | fair | clear | cloudy | cloudy |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truk 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 10h, | Phu-Lien 10h, | Surigao 13h, | 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.) | 773.3 | 777.9 | 757.3 | 755.6 | 756.4 | 754.0 | 756.8 | - | * 757.6 | * 769.5 | *755.4 | * - | 763.0 | 767.1 | - | 754.9 | 747.3 |
| Air Temperature (in C) | 3.7 | 2.3 | 26.4 | 27.3 | 26.1 | 27.2 | 26.0 | - | 27. | 13. | - | - | 22. | - | - | - 1. | 2. |
| Direction and Force of Winds (0-12) | NW 3 | N 2 | E 4 | NE 2 | SE 2 | ENE 4 | ESE 2 | - | calm | NE 2 | calm | - | E 2 | NE 3 | - | SW 2 | calm |
| Weather | cloudy | cloudy | cloudy | cloudy | rain | cloudy | cloudy | - | cloudy | cloudy | cloudy | - | clear | clear | - | clear | rain |


発行人 印刷人 神戸市中山手通七丁目 海洋氣象臺

昭和六年一二月三〇日

北太平洋天氣圖

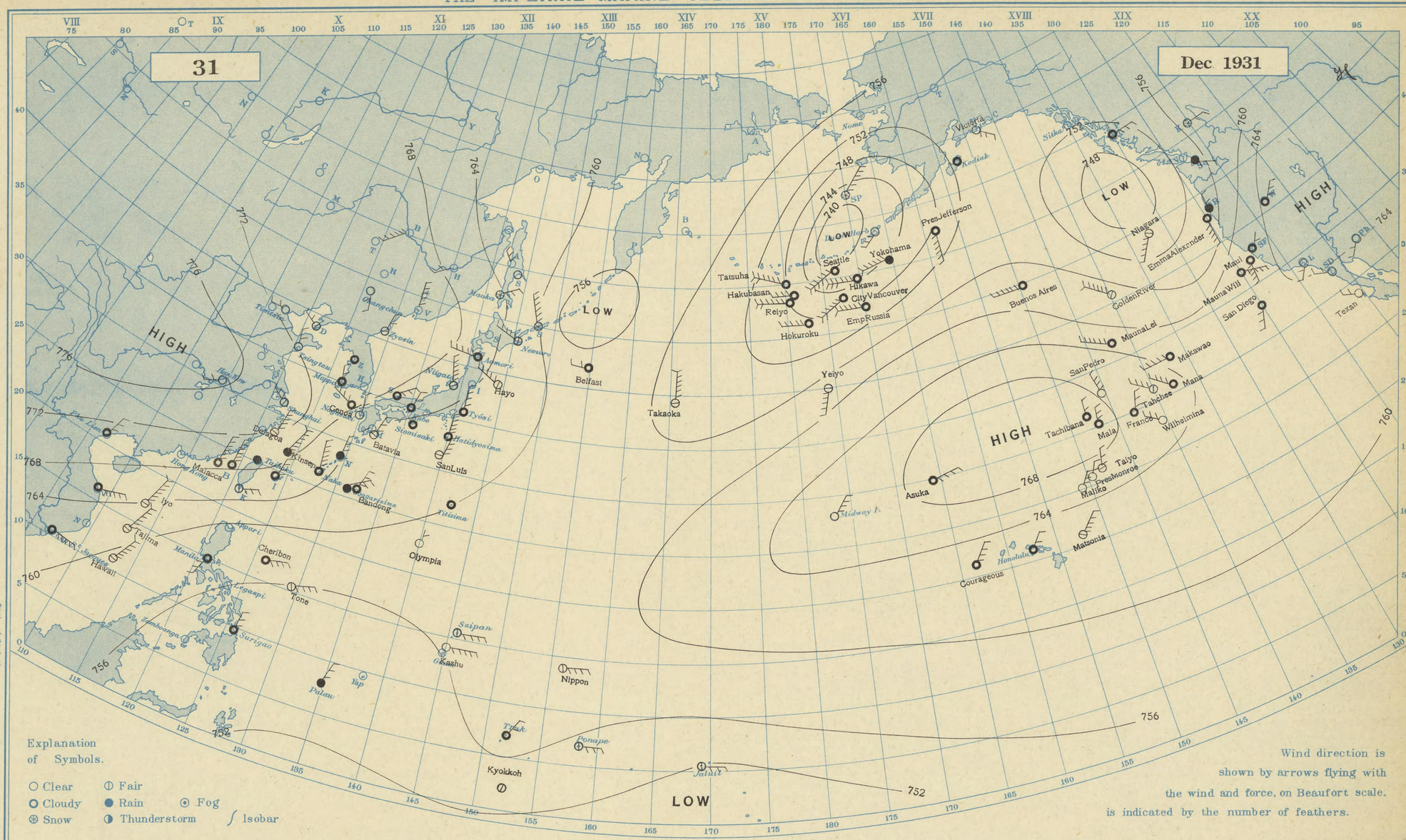
第三二八六號

# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

THE IMPERIAL MARINE OBSERVATORY KOBE JAPAN

№ 3287




| 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.) | 768.9 | 764.3 | 765.5 | 763.5 | 766.1 | 763.6 | 761.5 | 759.9 | 766.9 | 765.8 | 761.8 | 764.3 | 769.4 | 770.9 | 770.4 | 771.4 | 771.7 |
| Air Temperature (in C) | 12.8 | 17.1 | 10.2 | 9.8 | 7.2 | 8.0 | 12.7 | 21.4 | 5.2 | - 0.9 | - 3.9 | - 9.6 | 3.6 | - 0.2 | - 9.6 | - 3.5 | - 2.5 |
| Direction and Force of Winds (0-12) | - 1 | NNW 6 | NNW 2 | - 1 | NNE 2 | N 4 | N 5 | - 1 | NNW 6 | W 5 | NW 5 | NE 3 | NNW 2 | NNE 2 | SSE 2 | W 2 | NNW 2 |
| Weather | rain | cloudy | clear | cloudy | cloudy | cloudy | cloudy | cloudy | fair | cloudy | fair | snow | cloudy | fair | clear | clear | clear |

| Station / Hour of Observation | Shanghai 12h, 135E | Hankow 12h, 135E | Saipan 12h, 135E | Palau 12h, 135E | Truk 7h, | Ponape 12h, 135E | Jaluit 8h, | Hongkong 10h, | Manila 13h | Phu-Lien 10h, | Surigao 13h, | 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.) | 773.5 | 776.5 | 756.1 | 753.5 | 758.1 | 753.4 | 756.6 | - | * 756.3 | * 771.4 | * 754.8 | * - | 763.5 | 766.6 | - | 741.7 | 752.3 |
| Air Temperature (in C) | 2.2 | 5.0 | 27.2 | 28.1 | 27.7 | 30.3 | 27.2 | - | 27. | 12. | 29. | - | 20. | - | - | 2. | 1. |
| Direction and Force of Winds (0-12) | NW 3 | WSW 2 | E 4 | NNE 3 | NE 2 | E 3 | E 2 | - | SSW 3 | NNE 3 | N 3 | - | NE 2 | NE 4 | - | SW 3 | calm |
| Weather | fair | clear | fair | rain | cloudy | fair | cloudy | - | cloudy | cloudy | cloudy | - | cloudy | clear | - | clear | 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

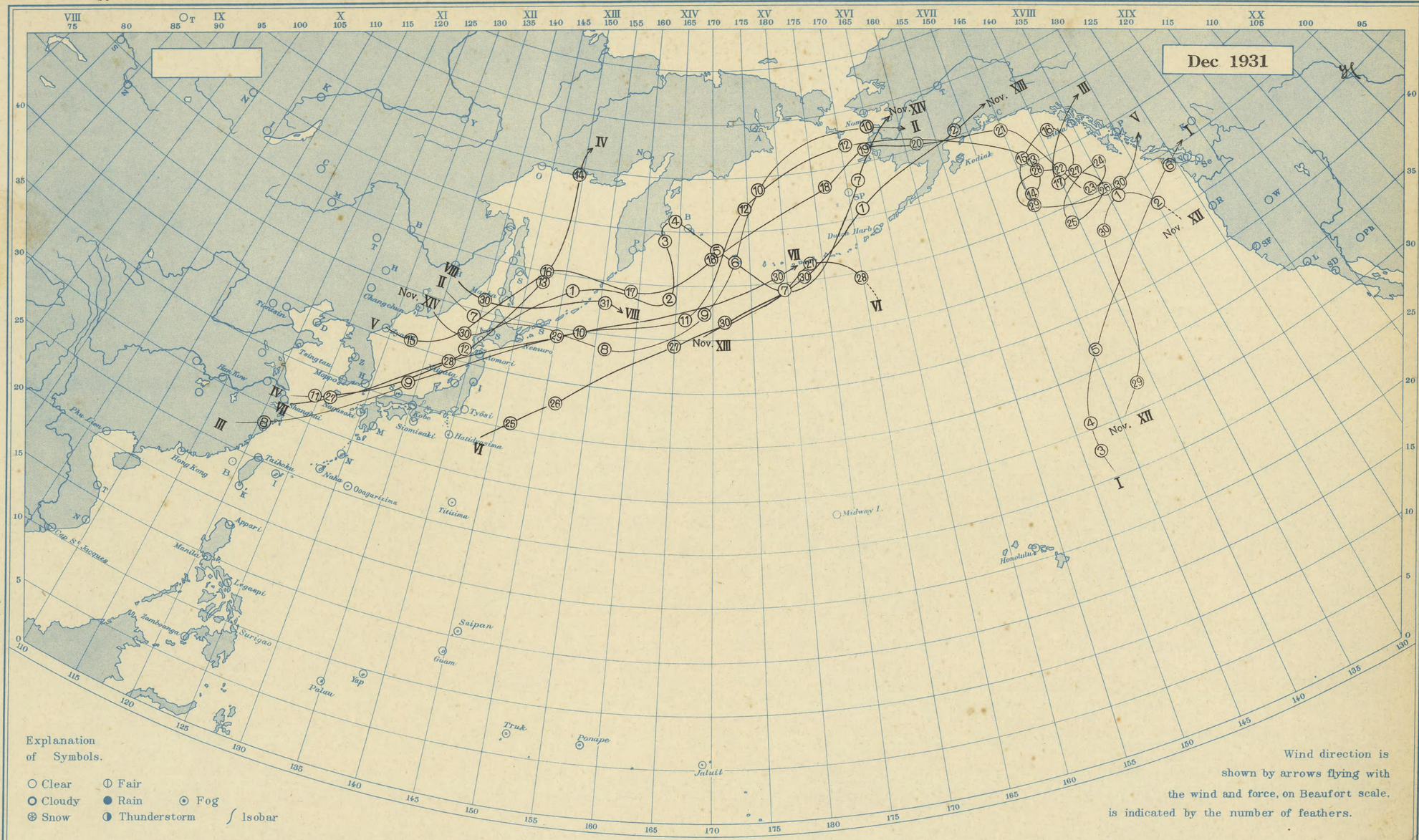
# DAILY WEATHER CHART OF THE NORTH PACIFIC OCEAN

(Noon of the meridian of 135° E.)

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 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 | Truk<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 神戶市中山手通七丁目 海洋氣象臺
印刷人販賣所



昭和六年一二月 日 附錄 低氣壓經路 北太平洋天氣圖 第 號

昭和七年四月二十五日印刷
昭和七年四月二十八日發行

發行兼印刷者　海洋氣象臺
神戸市中山手通七丁目
印刷所　海洋氣象臺

**Kodak** Gray Scale

C Y M

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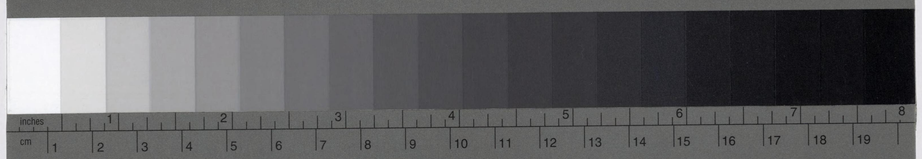
A 1 2 3 4 5 6 M 8 9 10 11 12 13 14 15 B 17 18 19




**Kodak** Color Control Patches

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Blue Cyan Green Yellow Red Magenta White 3/Color Black