

| | |
|----------|-----|
| 昭和52年第1号 | |
| 対象地域：新潟県 | |
| 気象の部 | 第1号 |
| | 第1号 |

昭和51年12月末から昭和52年2月はじめにかけての
新潟県の低温と大雪に関する異常気象速報

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昭和52年2月16日

新潟地方気象台

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(注) この報告は災害発生後早急にまとめたもので，後日内容の一部は変更することがあります。

1. 気象概況

1.1 今回の異常気象の特性

- 1) 昭和20年以来の記録的な低温の下で長期間降雪が持続した。
- 2) 年末年始と1月末から2月はじめにかけて大規模な寒波のはんらんがあり、その中間にも数回にわたって寒波が来襲した。
- 3) 非常な低温であったために雪質が乾いた雪で密度が小さく降水量に比較して降雪量が多くなった。また雪がとけないために積雪が増大した。
- 4) 大雪と凍結により長期にわたって交通障害が多発し、また生活上の支障も多大であった。

1.2 気象経過

1) 大寒波

年末年始の寒波は12月27日より1月6日まで11日間、1月末から2月はじめの寒波は1月30日より2月6日まで8日間続き、期間中に平野部から山沿いへの降雪の移り変りを2～3回繰り返し上越と中越の山沿を中心とする大雪になった。

2) 中小寒波

中間の寒波は1月12～14日に中規模なものが17日、19日、21日、23日および27日にそれぞれ小規模なものが次々に通過しその度に冬型が強まって平野部から山沿にかけて降雪が多くなった。

3) 気温

1月の月平均気温は平年より約2度低く各地共戦後最低を記録し、新潟では日平均気温が平年をこえたのは1月7日、8日、10日、11日の僅か4日間であった。また最高気温が0度以下の日が1月1日、13日、31日の3回あらわれている。

4) 降雪

県内に降雪がまったくなかったのは1月9日ただ1日だけで、この期間の半数にあたる21日間は県内のどこかで1日に50cm以上の降雪があった。

特に大雪の降った日は12月31日(関山85cm)、1月3日(入広瀬80cm)、1月13日(平岩90cm)2月1日(松之山97cm)である。

5) 積雪

積雪は県北の一部で平年並のところがあるほか、下越で20～50cm、中越で50～100cm、上越で100cm前後平年より上回った。特に多い地域は中魚沼と頸城三郡の山沿いでいずれも平年を1m以上こえている。

新潟県の気象官署における1月の月平均気温順位表

(累年第5位まで)

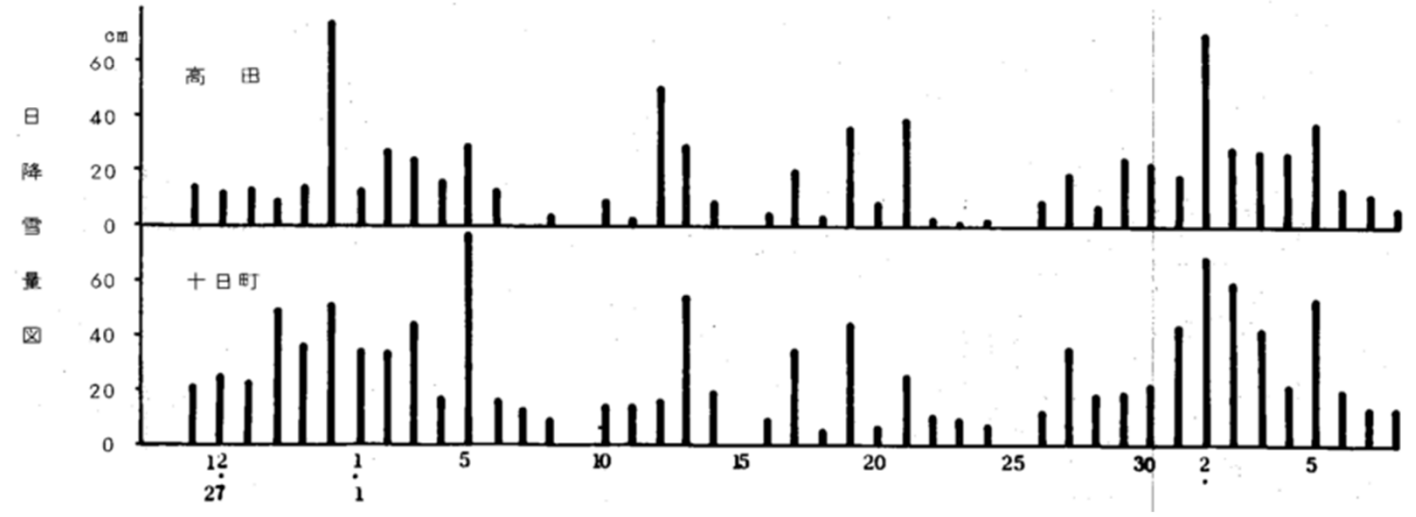
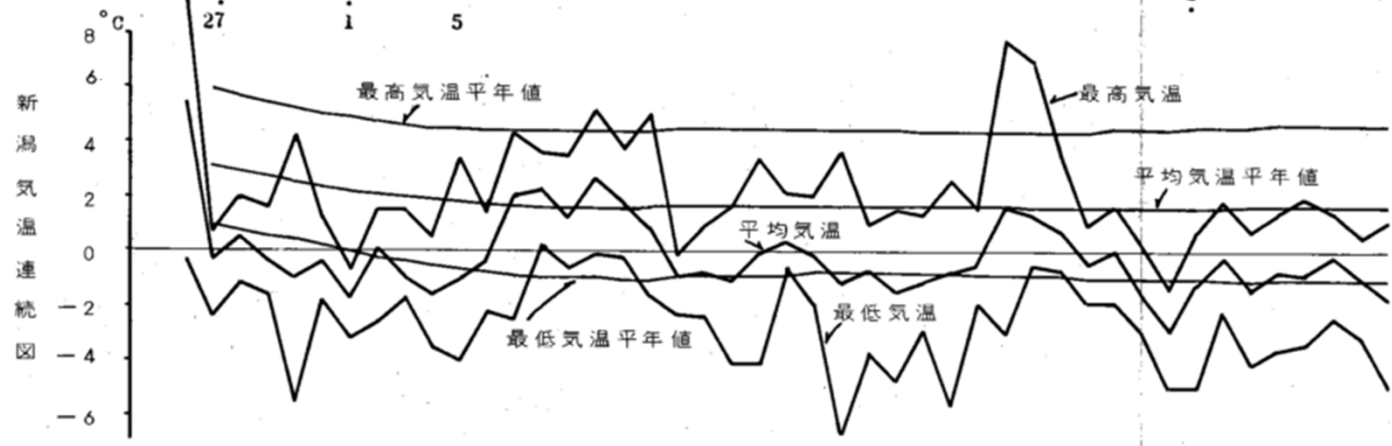
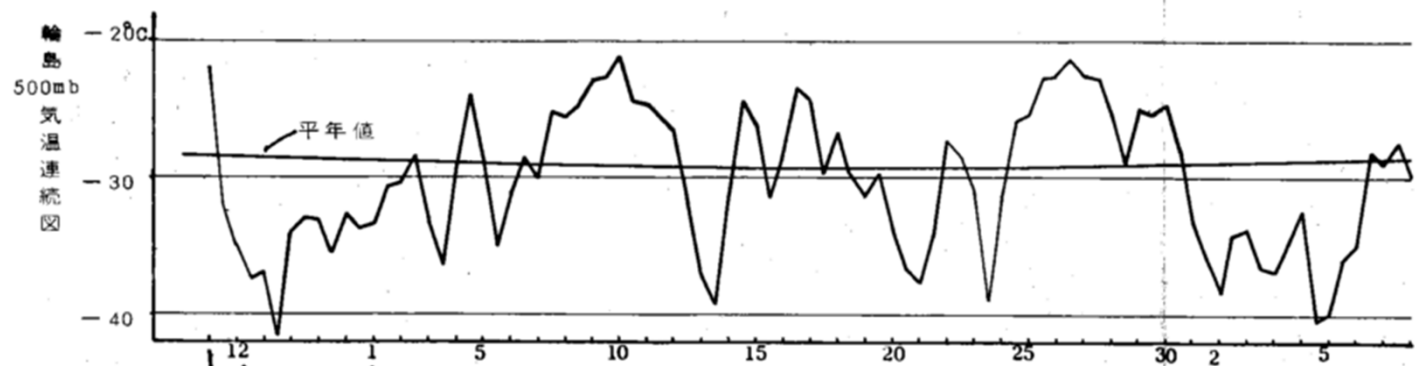
| 順位 | 新潟 | | 相川 | | 高田 | | 長岡 | |
|----|-------|------|-------|------|-------|------|-------|------|
| | 月平均気温 | 起年 | 月平均気温 | 起年 | 月平均気温 | 起年 | 月平均気温 | 起年 |
| 1 | -1.4 | 1922 | -1.3 | 1922 | -0.8 | 1945 | -1.0 | 1977 |
| 2 | -1.3 | 1945 | -0.8 | 1945 | -0.5 | 1977 | | |
| 3 | -0.4 | 1939 | 0.2 | 1936 | -0.3 | 1926 | | |
| 4 | -0.2 | 1977 | 0.3 | 1977 | 0.0 | 1923 | | |
| 5 | -0.1 | 1943 | 0.7 | 1939 | 0.8 | 1939 | | |

注：新潟，相川，高田ともに1945年以来，戦後第1位の記録。長岡は開設（1958年）以来第1位の記録。

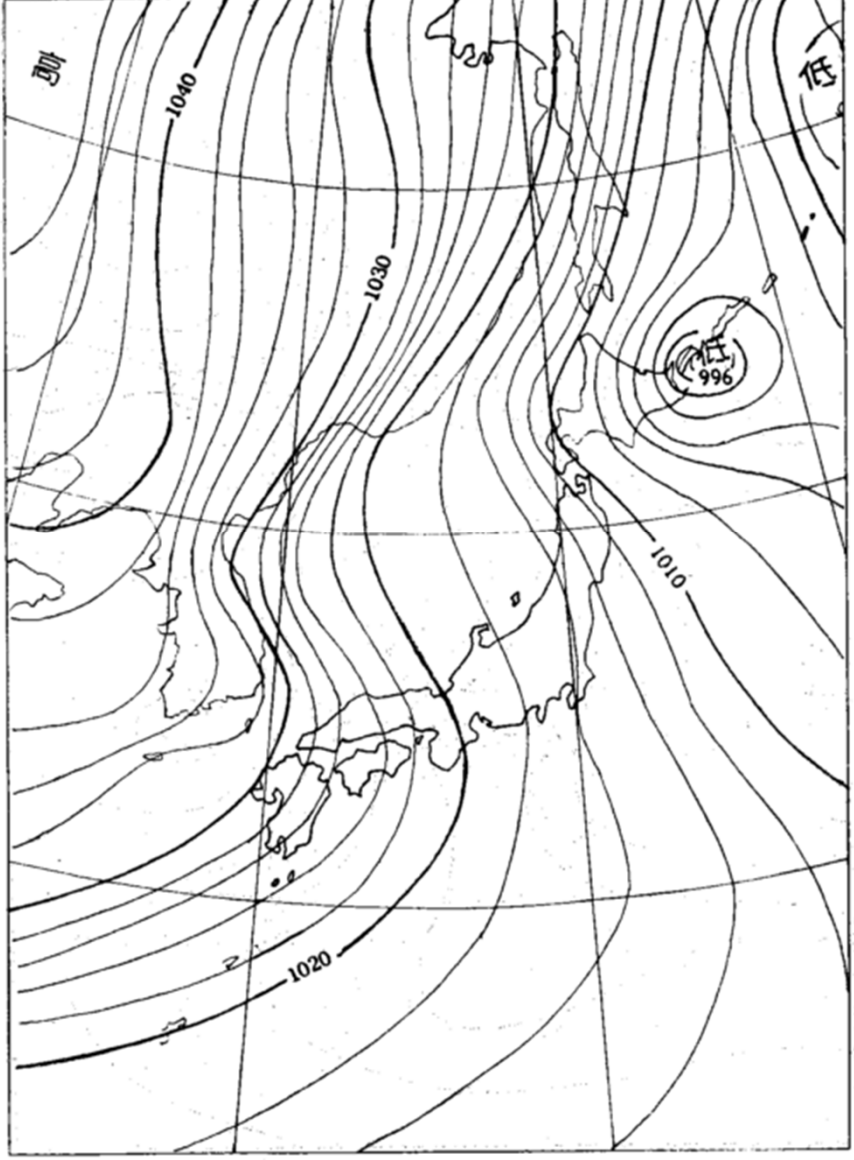
大雪年の最深積雪の比較（S52年は2月7日現在）

単位：cm

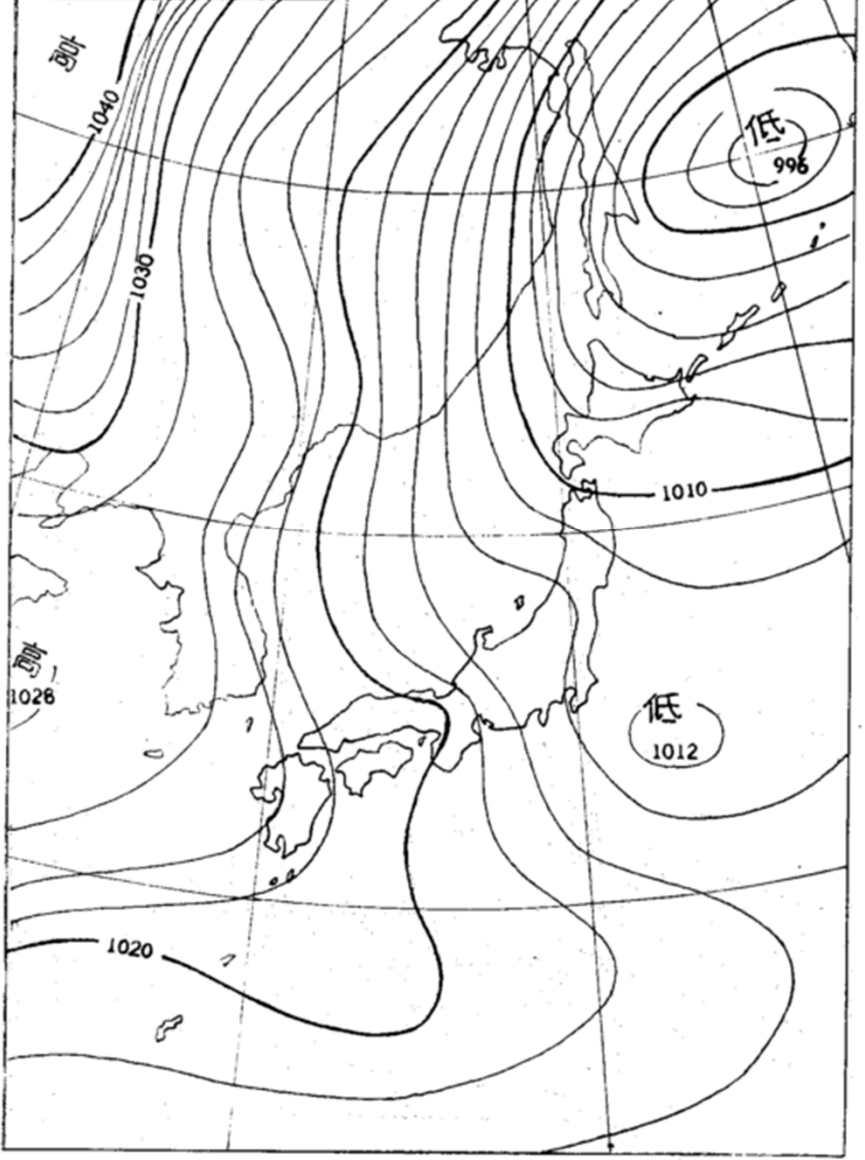
| | 新潟 | 高田 | 相川 | 長岡 | 安塚 | 入広瀬 | 湯沢 | 十日町 | 柏崎 | 中条 |
|-------|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|
| 昭和20年 | 103 | 377 | 58 | 295 | 404 | 484 | 460 | 425 | 190 | 135 |
| 22 | 56 | 231 | 27 | 239 | 290 | 260 | 312 | 319 | 123 | 98 |
| 23 | 56 | 261 | 43 | 128 | 267 | 128 | 168 | 252 | 119 | 98 |
| 36 | 120 | 199 | 40 | 217 | 305 | 217 | 330 | 301 | 173 | 115 |
| 38 | 61 | 142 | 44 | 318 | 195 | 318 | 186 | 215 | 130 | 132 |
| 44 | 82 | 154 | 46 | 186 | 218 | 186 | 220 | 233 | 125 | 115 |
| 49 | 33 | 189 | 23 | 235 | 275 | 415 | 310 | 325 | 95 | 108 |
| 51 | 42 | 196 | 23 | 150 | 272 | 150 | 290 | 275 | 83 | 50 |
| 52 | 61 | 254 | 41 | 197 | 320 | 330 | 280 | 342 | 133 | 96 |

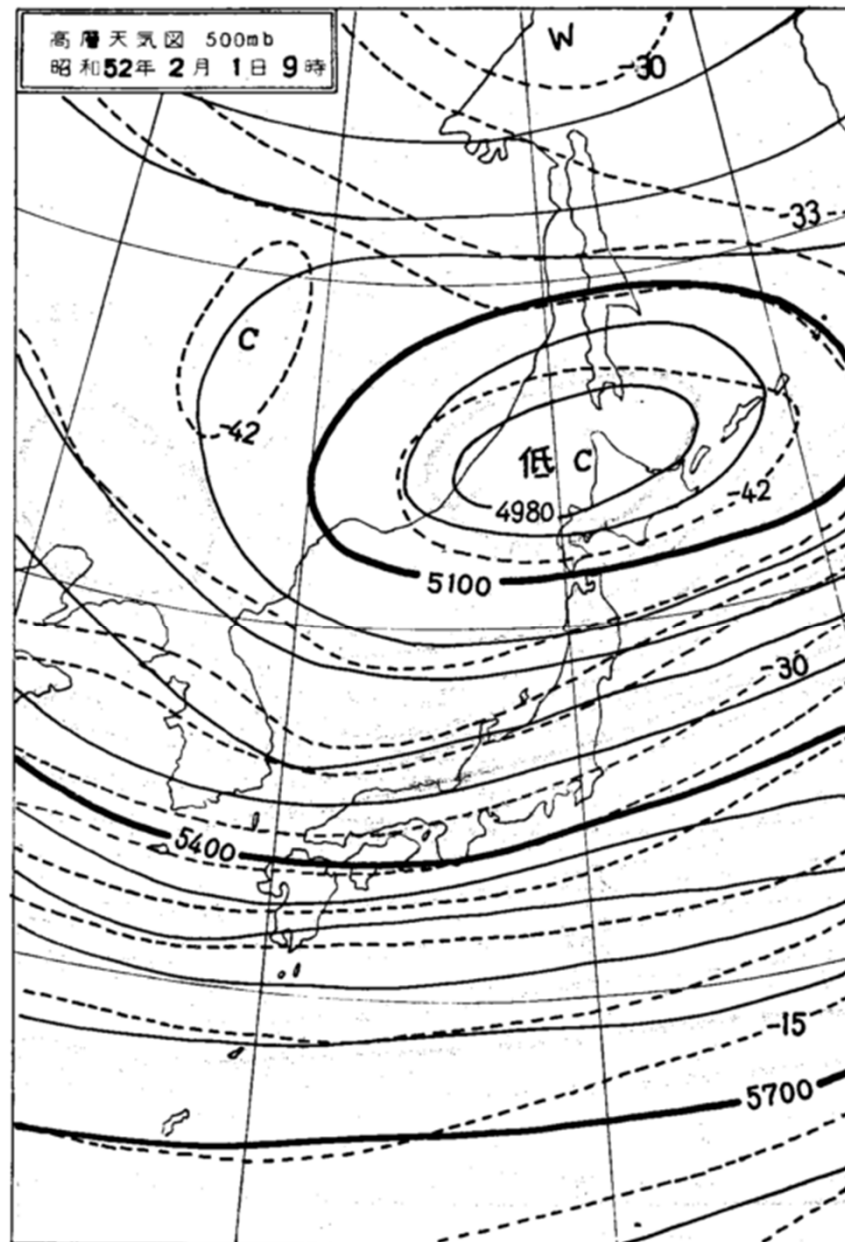
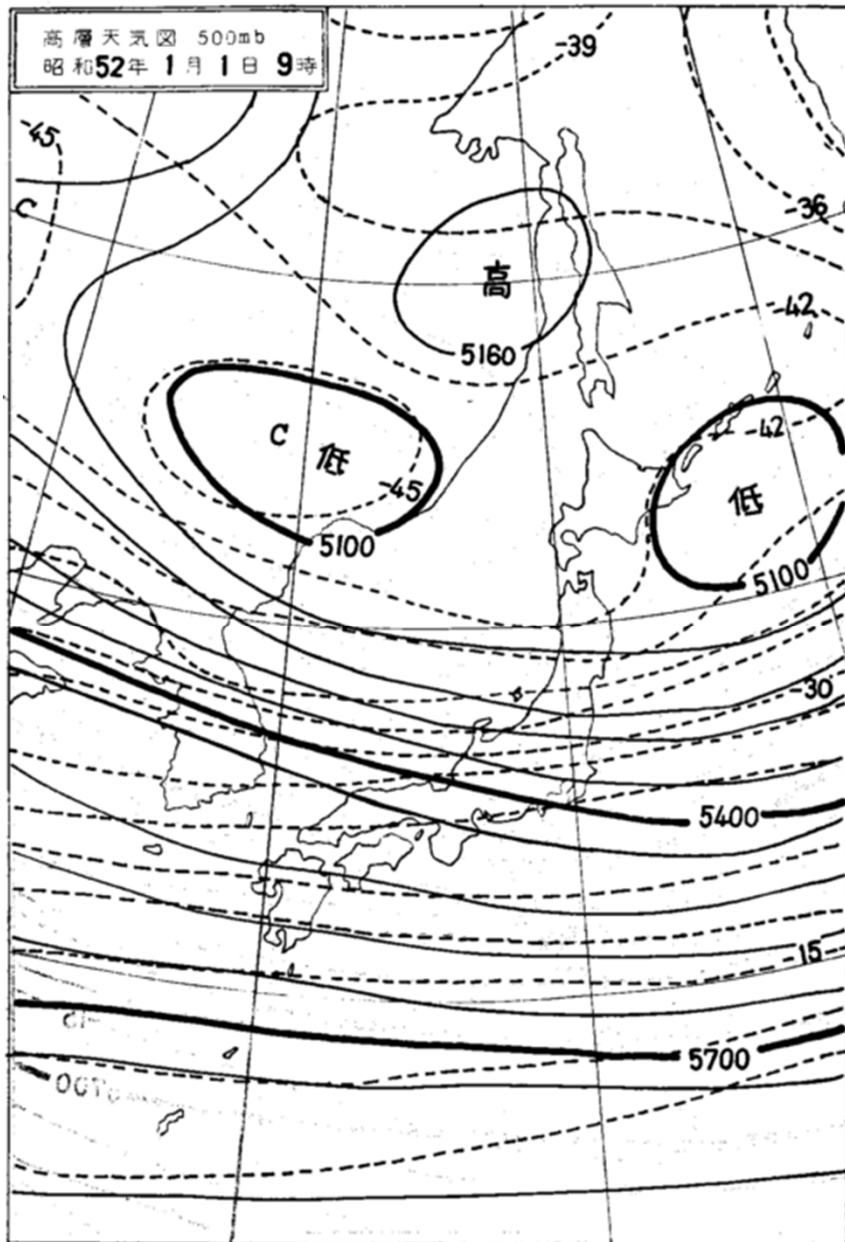


地上天気図
昭和52年1月1日09時



地上天気図
昭和52年2月1日09時

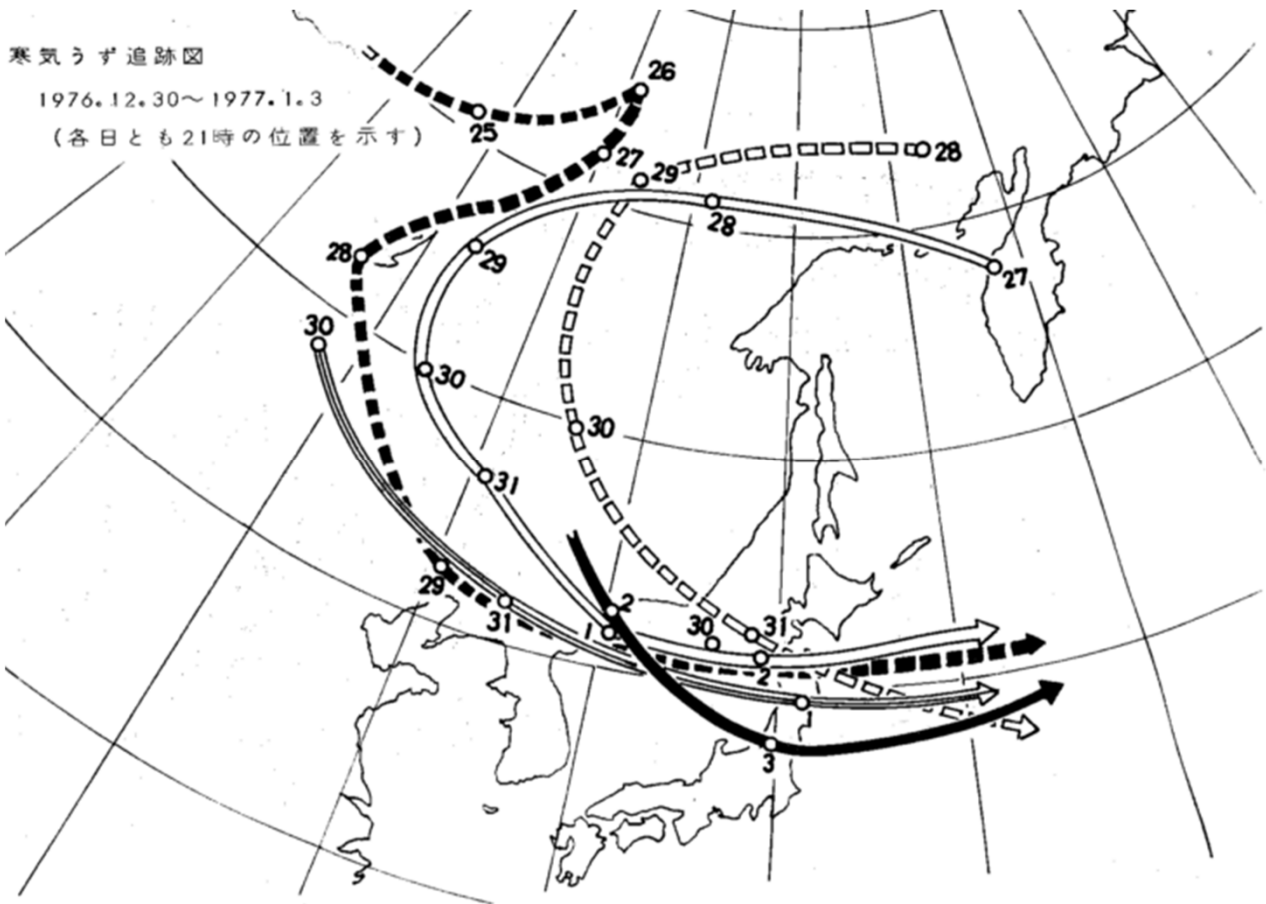




寒気うず追跡図

1976.12.30~1977.1.3

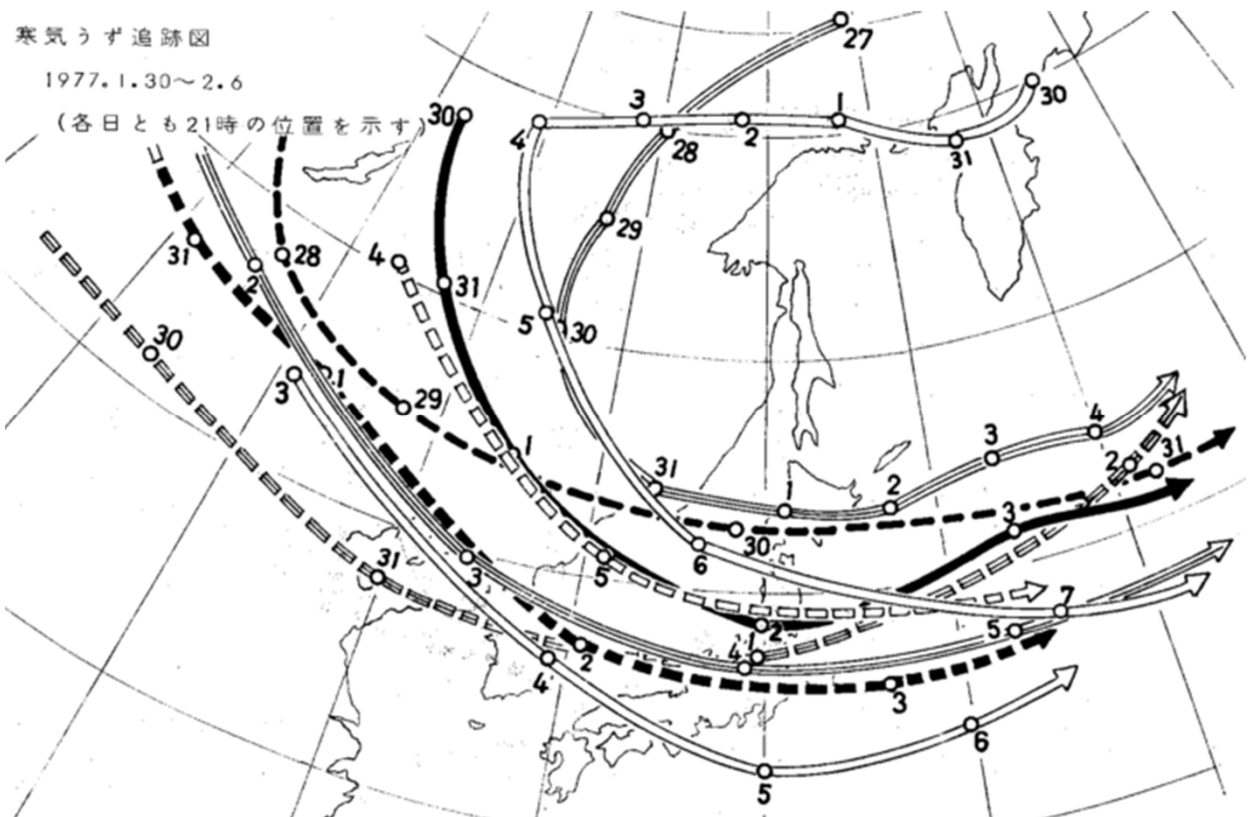
(各日とも21時の位置を示す)



寒気うず追跡図

1977.1.30~2.6

(各日とも21時の位置を示す)



2.1 気象官署観測表

| 日 | 時 | 気(海面) 圧 m b | 気 温 ℃ | 湿 度 % | 風 向 16方位 | 風 速 m/s | 降 雪の 深cm | 積 雪の 深cm | 天 気 | 記 事 |
|---|---|-------------------|-------------|-------------|----------------|---------------|----------------|----------------|--------|--------|
|---|---|-------------------|-------------|-------------|----------------|---------------|----------------|----------------|--------|--------|

(官署名) 新潟地方気象台

| | | | | | | | | | | | |
|----|----|--------|------|------|-----|------|-----|----|----|---|--|
| 27 | 3 | 1004.3 | -0.3 | 78 | W | 6.4 | | | × | | |
| | 6 | 05.1 | -0.6 | 69 | W | 10.4 | | | × | | |
| | 9 | 06.0 | 0.1 | 59 | W | 12.5 | 5 | 5 | ☉ | | |
| | 12 | 04.5 | 0.3 | 49 | W | 13.8 | | | ☉ | | |
| | 15 | 05.0 | 0.4 | 51 | W | 12.0 | 0 | 4 | ☉ | | |
| | 18 | 07.1 | -1.5 | 88 | W | 8.9 | | | × | | |
| 28 | 21 | 07.4 | 0.1 | 53 | W | 10.4 | 0 | 3 | ☉ | | |
| | 24 | 07.9 | -0.9 | 80 | W | 9.6 | | | × | | |
| | 3 | 09.2 | 1.1 | 60 | W | 8.9 | | | ☉ | | |
| | 6 | 10.4 | 0.3 | 79 | W | 9.1 | | | × | | |
| | 9 | 12.8 | 1.1 | 70 | NW | 9.0 | 3 | 5 | × | | |
| | 12 | 12.3 | 0.4 | 81 | WNW | 6.7 | | | × | | |
| | 15 | 13.6 | -0.8 | 90 | SW | 2.5 | 6 | 11 | × | | |
| | 18 | 13.7 | 0.6 | 79 | NNW | 2.3 | | | ☉ | | |
| | 21 | 13.6 | 1.2 | 59 | W | 6.9 | 4 | 16 | × | | |
| | 24 | 13.9 | -0.2 | 82 | NNW | 2.8 | | | × | | |
| | 29 | 3 | 15.5 | -0.4 | 86 | NNW | 8.5 | | | × | |
| | | 6 | 16.7 | -0.6 | 78 | NNW | 2.5 | | | × | |
| 9 | | 18.9 | -0.4 | 92 | NNE | 2.8 | 2 | 14 | × | | |
| 12 | | 18.1 | 0.8 | 72 | NNW | 5.8 | | | × | | |
| 15 | | 19.2 | 1.4 | 61 | NNW | 5.2 | 0 | 18 | × | | |
| 18 | | 20.5 | -0.7 | 87 | S | 2.4 | | | × | | |
| 21 | | 20.4 | -1.3 | 88 | SSW | 0.7 | 0 | 12 | × | | |
| 24 | | 20.7 | -1.3 | 88 | S | 1.3 | | | × | | |
| 30 | | 3 | 20.2 | -3.0 | 86 | S | 1.4 | | | ☉ | |
| | | 6 | 18.0 | -5.3 | 89 | SE | 1.1 | | | ☉ | |
| | | 9 | 16.1 | -4.0 | 91 | SSW | 2.6 | 0 | 12 | ☉ | |
| | | 12 | 13.2 | -1.9 | 88 | SSW | 4.4 | | | × | |
| | 15 | 11.6 | 3.0 | 81 | W | 6.9 | 5 | 17 | ● | | |
| | 18 | 11.8 | 2.5 | 82 | W | 9.9 | | | ☉ | | |
| 30 | 21 | 11.9 | 0.9 | 88 | N | 3.3 | 0 | 16 | × | | |
| | 24 | 13.1 | -0.3 | 91 | N | 9.7 | | | × | | |

気象官署観測表

| 日 | 時 | 気(海面) 圧 m b | 気 温 ℃ | 湿 度 % | 風 向 16方位 | 風 速 m/s | 降 雪の 深cm | 積 雪の 深cm | 天 気 | 記 事 |
|---|---|-------------------|-------------|-------------|----------------|---------------|----------------|----------------|--------|--------|
|---|---|-------------------|-------------|-------------|----------------|---------------|----------------|----------------|--------|--------|

(官署名) 新潟地方気象台

| | | | | | | | | | | | |
|----|----|--------|------|------|-----|------|------|----|----|---|--|
| 31 | 3 | 1015.7 | 0.5 | 66 | NNW | 8.1 | | | ☉ | | |
| | 6 | 17.6 | -0.8 | 88 | NNW | 7.0 | | | × | | |
| | 9 | 19.7 | -0.3 | 64 | NW | 10.7 | 4 | 17 | × | | |
| | 12 | 18.0 | 0.0 | 65 | NNW | 7.9 | | | ☉ | | |
| | 15 | 17.9 | 0.1 | 62 | NNW | 6.4 | 0 | 16 | × | | |
| | 18 | 17.1 | -0.3 | 73 | N | 6.9 | | | × | | |
| | 21 | 17.6 | -1.0 | 77 | NNW | 7.1 | 1 | 16 | × | | |
| | 24 | 16.7 | -1.7 | 90 | N | 8.2 | | | × | | |
| | 1 | 3 | 16.5 | -1.3 | 87 | NW | 11.2 | | | × | |
| | | 6 | 17.4 | -1.8 | 79 | NNW | 11.8 | | | × | |
| | | 9 | 17.1 | -1.2 | 76 | NNW | 12.2 | 1 | 17 | × | |
| | | 12 | 15.4 | -1.3 | 68 | NW | 11.7 | | | × | |
| 15 | | 16.3 | -1.3 | 80 | NW | 9.1 | 0 | 16 | × | | |
| 18 | | 17.1 | -1.4 | 62 | WNW | 8.9 | | | × | | |
| 21 | | 18.4 | -2.5 | 81 | WNW | 8.9 | 0 | 16 | × | | |
| 24 | | 18.9 | -2.6 | 73 | WNW | 9.0 | | | × | | |
| 2 | | 3 | 19.9 | -1.8 | 63 | W | 7.0 | | | ☉ | |
| | | 6 | 20.8 | -1.3 | 64 | WNW | 5.1 | | | × | |
| | | 9 | 21.7 | -1.0 | 72 | WNW | 8.0 | 1 | 17 | × | |
| | | 12 | 20.3 | 0.6 | 65 | W | 8.2 | | | × | |
| | 15 | 20.6 | 1.2 | 50 | W | 8.4 | 0 | 15 | ☉ | | |
| | 18 | 20.6 | 0.7 | 56 | WNW | 9.3 | | | ☉ | | |
| | 21 | 20.2 | 1.2 | 54 | W | 8.8 | - | 14 | ☉ | | |
| | 24 | 18.8 | 1.2 | 56 | WNW | 6.9 | | | ☉ | | |
| | 3 | 3 | 18.4 | 1.2 | 61 | NW | 5.3 | | | ☉ | |
| | | 6 | 17.5 | -1.1 | 87 | S | 1.0 | | | × | |
| | | 9 | 16.6 | -1.6 | 94 | - | - | 10 | 22 | × | |
| | | 12 | 13.6 | -0.9 | 95 | - | - | | | × | |
| 15 | | 11.8 | -1.4 | 94 | - | - | 23 | 45 | × | | |
| 18 | | 13.6 | -1.3 | 87 | N | 8.9 | | | × | | |
| 21 | | 16.4 | -1.0 | 81 | NW | 9.5 | 3 | 47 | × | | |
| 24 | | 17.1 | -1.5 | 63 | NW | 9.3 | | | ☉ | | |

気象官署観測表

| 日 | 時 | 気(海面) 圧 mb | 気 温 ℃ | 湿 度 % | 風 向 16方位 | 風 速 m/s | 降雪の 深cm | 積雪の 深cm | 天 気 | 記 事 |
|---|---|------------------|-------------|-------------|----------------|---------------|------------|------------|--------|--------|
|---|---|------------------|-------------|-------------|----------------|---------------|------------|------------|--------|--------|

(官署名) 新潟地方気象台

| | | | | | | | | | | | |
|----|----|--------|------|------|-----|------|-----|----|----|---|--|
| 4 | 3 | 1019.0 | -2.2 | 82 | NW | 7.1 | | | × | | |
| | 6 | 20.5 | -1.9 | 64 | NW | 8.9 | | | ⊙ | | |
| | 9 | 22.2 | -1.3 | 63 | NW | 7.7 | 0 | 43 | ⊙ | | |
| | 12 | 21.3 | -0.4 | 62 | NW | 6.1 | | | ⊙ | | |
| | 15 | 22.0 | -0.3 | 59 | WNW | 2.9 | 0 | 43 | ⊙ | | |
| | 18 | 21.4 | -0.3 | 55 | NNW | 3.3 | | | ⊙ | | |
| | 21 | 21.7 | -3.0 | 80 | SSW | 1.2 | - | 43 | ⊙ | | |
| | 24 | 20.8 | -3.2 | 78 | SW | 1.9 | | | × | | |
| | 5 | 3 | 19.2 | -8.6 | 75 | SSE | 0.4 | | | ⊙ | |
| | | 6 | 17.2 | -4.0 | 81 | SE | 1.4 | | | ⊙ | |
| | | 9 | 16.2 | -2.2 | 83 | SE | 1.2 | 0 | 40 | × | |
| | | 12 | 12.8 | -0.5 | 92 | SSE | 1.5 | | | × | |
| 15 | | 12.2 | 2.2 | 80 | W | 9.1 | 2 | 40 | ⊙ | | |
| 18 | | 11.7 | 1.7 | 86 | WNW | 6.4 | | | × | | |
| 21 | | 13.0 | 0.4 | 70 | NNW | 10.6 | 0 | 39 | ⊙ | | |
| 24 | | 14.9 | -1.7 | 82 | N | 9.5 | | | × | | |
| 6 | 3 | 17.0 | -1.6 | 84 | NNW | 8.0 | | | × | | |
| | 6 | 18.5 | -1.2 | 70 | NW | 10.3 | | | × | | |
| | 9 | 20.2 | 0.1 | 58 | NW | 7.9 | 0 | 37 | ⊙ | | |
| | 12 | 20.6 | 0.1 | 67 | NW | 9.2 | | | ⊙ | | |
| | 15 | 22.2 | 0.4 | 63 | NW | 6.7 | - | 36 | ⊙ | | |
| | 18 | 23.1 | 0.7 | 65 | NNW | 7.4 | | | ⊙ | | |
| | 21 | 23.4 | 0.7 | 63 | W | 3.2 | 0 | 36 | ⊙ | | |
| | 24 | 22.8 | -1.6 | 87 | SSW | 3.3 | | | × | | |
| 12 | 3 | 1018.4 | 3.3 | 70 | NW | 11.3 | | | ● | | |
| | 6 | 15.5 | 2.0 | 60 | NNW | 6.8 | | | ⊙ | | |
| | 9 | 16.1 | 1.1 | 65 | NNW | 6.2 | 1 | 16 | ⊙ | | |
| | 12 | 14.3 | 2.0 | 47 | N | 5.2 | | | ⊙ | | |
| | 15 | 13.5 | 1.9 | 52 | NW | 4.9 | 0 | 15 | ⊙ | | |
| | 18 | 13.7 | -1.1 | 88 | SSW | 0.9 | | | × | | |
| | 21 | 12.2 | -1.4 | 90 | ESE | 1.0 | 9 | 24 | × | | |
| | 24 | 10.9 | -1.5 | 86 | ENE | 1.0 | | | × | | |

気象官署観測表

| 日 | 時 | 気(海面) 圧 mb | 気 温 ℃ | 湿 度 % | 風 向 16方位 | 風 速 m/s | 降雪の 深cm | 積雪の 深cm | 天 気 | 記 事 |
|---|---|------------------|-------------|-------------|----------------|---------------|------------|------------|--------|--------|
|---|---|------------------|-------------|-------------|----------------|---------------|------------|------------|--------|--------|

(官署名) 新潟地方気象台

| | | | | | | | | | | | |
|----|----|--------|------|------|-----|-----|-----|----|----|---|--|
| 13 | 3 | 1011.8 | -1.1 | 91 | NNE | 6.0 | | | × | | |
| | 6 | 12.8 | -1.0 | 81 | N | 6.2 | | | × | | |
| | 9 | 14.3 | -0.9 | 77 | NW | 4.7 | 13 | 36 | × | | |
| | 12 | 14.0 | -0.7 | 64 | NW | 5.3 | | | × | | |
| | 15 | 14.2 | -1.8 | 82 | WSW | 5.2 | 2 | 37 | × | | |
| | 18 | 15.0 | -0.5 | 62 | NW | 8.8 | | | ⊙ | | |
| | 21 | 15.4 | -1.0 | 80 | NW | 9.8 | 0 | 35 | × | | |
| | 24 | 14.9 | -0.6 | 57 | WNW | 9.0 | | | ⊙ | | |
| | 14 | 3 | 15.3 | -1.0 | 63 | WNW | 7.7 | | | × | |
| | | 6 | 17.1 | -1.5 | 61 | W | 6.4 | | | ⊙ | |
| | | 9 | 19.0 | -1.1 | 61 | WNW | 8.4 | 1 | 30 | ⊙ | |
| | | 12 | 18.8 | 0.4 | 56 | W | 9.2 | | | ⊙ | |
| 15 | | 19.6 | -0.7 | 71 | W | 7.7 | 0 | 30 | ⊙ | | |
| 18 | | 22.0 | -1.1 | 68 | WNW | 5.2 | | | ⊙ | | |
| 21 | | 23.9 | -0.8 | 72 | W | 6.0 | 0 | 29 | × | | |
| 24 | | 24.2 | -0.7 | 73 | NNW | 5.4 | | | × | | |
| 30 | 3 | 16.0 | -1.6 | 64 | W | 6.2 | | | ⊙ | | |
| | 6 | 16.3 | -2.1 | 70 | WNW | 5.5 | | | ⊙ | | |
| | 9 | 17.6 | -1.2 | 46 | W | 8.1 | 0 | 28 | ⊙ | | |
| | 12 | 16.6 | -1.3 | 60 | NW | 4.8 | | | ⊙ | | |
| | 15 | 14.6 | -1.3 | 62 | NNW | 5.9 | 0 | 28 | ⊙ | | |
| | 18 | 14.4 | -1.5 | 73 | NNW | 5.5 | | | × | | |
| | 21 | 13.3 | -2.2 | 78 | NNE | 3.8 | 3 | 31 | × | | |
| | 24 | 12.5 | -2.8 | 84 | N | 6.0 | | | × | | |
| 31 | 3 | 13.6 | -2.6 | 80 | NNW | 6.1 | | | × | | |
| | 6 | 13.9 | -2.3 | 72 | NW | 6.3 | | | × | | |
| | 9 | 15.0 | -2.1 | 59 | NW | 5.9 | 3 | 35 | ⊙ | | |
| | 12 | 15.8 | -2.1 | 56 | WNW | 5.6 | | | × | | |
| | 15 | 16.4 | -2.4 | 62 | NW | 7.7 | 0 | 36 | ⊙ | | |
| | 18 | 16.6 | -2.5 | 68 | N | 3.0 | | | × | | |
| | 21 | 16.2 | -4.4 | 87 | S | 0.6 | 2 | 37 | × | | |
| | 24 | 14.4 | -4.9 | 86 | SSE | 0.6 | | | × | | |

気象官署観測表

| 日 | 時 | 気(海面) 圧 mb | 気温 ℃ | 湿度 % | 風向 16方位 | 風速 m/s | 降雪の深 cm | 積雪の深 cm | 天 気 | 記 事 |
|---|---|------------------|---------|---------|------------|-----------|------------|------------|--------|--------|
|---|---|------------------|---------|---------|------------|-----------|------------|------------|--------|--------|

(官署名) 新潟地方気象台

| | | | | | | | | | | |
|---|----|--------|------|----|-----|-----|---|----|---|--|
| 1 | 8 | 1012.8 | 0.2 | 88 | W | 4.2 | | | △ | |
| | 6 | 13.8 | -0.8 | 76 | N | 4.5 | | | × | |
| | 9 | 14.3 | -2.8 | 88 | - | 0.1 | 8 | 44 | × | |
| | 12 | 13.6 | -1.3 | 87 | NNW | 4.8 | | | × | |
| | 15 | 13.6 | -1.6 | 78 | NNW | 7.4 | 4 | 48 | × | |
| | 18 | 13.9 | -1.3 | 86 | NW | 4.1 | | | × | |
| | 21 | 14.0 | -1.4 | 82 | NW | 4.4 | 1 | 50 | × | |
| | 24 | 13.1 | -0.8 | 75 | NW | 5.5 | | | × | |
| 2 | 3 | 12.5 | -0.6 | 65 | WNW | 8.3 | | | × | |
| | 6 | 13.0 | -0.7 | 69 | NW | 8.4 | | | ⊙ | |
| | 9 | 12.5 | -0.4 | 62 | WNW | 7.1 | 0 | 50 | ⊙ | |
| | 12 | 11.8 | 1.1 | 53 | W | 8.1 | | | ⊙ | |
| | 15 | 11.2 | 0.8 | 49 | WNW | 9.0 | 0 | 48 | ⊙ | |
| | 18 | 12.1 | -0.6 | 67 | NW | 5.9 | | | ⊙ | |
| | 21 | 13.2 | -1.0 | 71 | W | 2.7 | 0 | 43 | ⊙ | |
| | 24 | 13.6 | -0.5 | 64 | NW | 3.8 | | | ⊙ | |
| 8 | 3 | 14.1 | -0.7 | 58 | NW | 2.5 | | | ⊙ | |
| | 6 | 14.4 | -3.7 | 82 | SSW | 0.4 | | | ⊙ | |
| | 9 | 14.5 | -1.7 | 85 | S | 0.8 | 0 | 43 | × | |
| | 12 | 14.5 | -0.4 | 80 | SSW | 3.0 | | | ⊙ | |
| | 15 | 15.5 | -0.9 | 84 | NNW | 4.2 | 0 | 43 | × | |
| | 18 | 16.2 | 0.6 | 60 | WNW | 2.6 | | | × | |
| | 21 | 16.5 | -1.9 | 78 | SSW | 0.8 | 0 | 43 | ⊙ | |
| | 24 | 16.1 | -2.7 | 85 | - | 0.2 | | | ⊙ | |
| 4 | 3 | 15.7 | -0.2 | 75 | W | 1.5 | | | ⊙ | |
| | 6 | 16.1 | -3.1 | 86 | SSE | 1.1 | | | ⊙ | |
| | 9 | 16.3 | -1.2 | 92 | SSW | 1.9 | 0 | 42 | ⊙ | |
| | 12 | 14.7 | 0.5 | 79 | SSW | 3.3 | | | ⊙ | |
| | 15 | 13.7 | 0.5 | 79 | N | 2.6 | 0 | 42 | ⊙ | |
| | 18 | 13.5 | -0.4 | 83 | NE | 3.0 | | | × | |
| | 21 | 12.7 | -0.8 | 88 | NNE | 2.3 | 2 | 44 | × | |
| | 24 | 12.7 | -1.1 | 90 | E | 1.3 | | | × | |

気象官署観測表

| 日 | 時 | 気(海面) 圧 mb | 気温 ℃ | 湿度 % | 風向 16方位 | 風速 m/s | 降雪の深 cm | 積雪の深 cm | 天 気 | 記 事 |
|---|---|------------------|---------|---------|------------|-----------|------------|------------|--------|--------|
|---|---|------------------|---------|---------|------------|-----------|------------|------------|--------|--------|

(官署名) 新潟地方気象台

| | | | | | | | | | | |
|---|----|------|------|----|-----|-----|---|----|---|--|
| 5 | 3 | 13.3 | -2.5 | 89 | SW | 1.5 | | | ⊙ | |
| | 6 | 13.9 | -3.1 | 88 | SSW | 2.5 | | | ⊙ | |
| | 9 | 14.1 | -1.4 | 88 | SSW | 3.0 | 5 | 47 | ⊙ | |
| | 12 | 14.0 | -0.5 | 89 | W | 6.6 | | | × | |
| | 15 | 15.0 | -0.4 | 89 | SSW | 2.0 | 8 | 53 | × | |
| | 18 | 16.0 | -0.8 | 98 | WNW | 4.7 | | | × | |
| | 21 | 17.0 | 1.2 | 62 | NNW | 7.1 | 9 | 62 | ⊙ | |
| | 24 | 17.3 | 0.8 | 57 | NNW | 7.2 | | | ⊙ | |
| 6 | 3 | 18.0 | 0.8 | 63 | NNW | 7.7 | | | × | |
| | 6 | 18.8 | 0.5 | 57 | NNW | 7.3 | | | ⊙ | |
| | 9 | 20.4 | 0.7 | 53 | NW | 4.9 | 0 | 61 | ⊙ | |
| | 12 | 21.5 | -1.0 | 88 | W | 5.6 | | | × | |
| | 15 | 21.1 | 0.7 | 73 | W | 5.4 | 0 | 60 | ⊙ | |
| | 18 | 22.2 | -0.5 | 75 | NW | 7.9 | | | ⊙ | |
| | 21 | 23.5 | -1.2 | 69 | WNW | 9.3 | 1 | 68 | × | |
| | 24 | 23.7 | -2.0 | 77 | W | 7.0 | | | × | |

気象官署観測表

| 日 | 時 | 気(海面) 圧 mb | 気温 ℃ | 湿度 % | 風 向 16方位 | 風 速 m/s | 降雪の深 cm | 積雪の深 cm | 天 気 | 記 事 |
|---|---|------------------|---------|---------|----------------|---------------|------------|------------|--------|--------|
|---|---|------------------|---------|---------|----------------|---------------|------------|------------|--------|--------|

(官署名) 高田測候所

| | | | | | | | | | | |
|----|----|--------|------|----|-----|-----|----|----|---|--|
| 27 | 3 | 1005.9 | -0.2 | 60 | WSW | 2.3 | | | × | |
| | 6 | 07.2 | -2.1 | 94 | W | 4.3 | | | × | |
| | 9 | 08.2 | -2.2 | 86 | W | 5.6 | 14 | 14 | × | |
| | 12 | 07.0 | -1.5 | 76 | W | 3.5 | | | × | |
| | 15 | 07.1 | -0.1 | 65 | WNW | 6.4 | 4 | 16 | × | |
| | 18 | 08.9 | 0.8 | 46 | W | 7.6 | | | ⊙ | |
| | 21 | 10.3 | -0.5 | 56 | WNW | 5.7 | 1 | 15 | ⊖ | |
| | 24 | 10.5 | -0.3 | 58 | W | 4.7 | | | × | |
| 28 | 3 | 12.3 | 0.6 | 53 | WNW | 6.0 | | | × | |
| | 6 | 13.5 | -0.6 | 79 | W | 4.6 | | | × | |
| | 9 | 15.9 | -1.8 | 91 | W | 3.8 | 8 | 24 | × | |
| | 12 | 18.1 | 2.3 | 43 | W | 6.1 | | | ⊖ | |
| | 15 | 14.5 | 0.4 | 71 | WSW | 3.4 | 0 | 22 | × | |
| | 18 | 15.6 | -1.6 | 92 | S | 3.9 | | | × | |
| | 21 | 15.9 | -1.5 | 92 | S | 3.0 | 7 | 27 | × | |
| | 24 | 15.6 | -1.6 | 92 | S | 3.9 | | | × | |
| 29 | 3 | 15.7 | 0.4 | 70 | NW | 4.3 | | | × | |
| | 6 | 17.5 | 0.6 | 64 | NW | 4.9 | | | × | |
| | 9 | 19.0 | 0.6 | 79 | N | 0.7 | 6 | 30 | × | |
| | 12 | 18.4 | -0.1 | 83 | WSW | 3.2 | | | × | |
| | 15 | 19.8 | -0.3 | 84 | NW | 1.7 | 4 | 31 | × | |
| | 18 | 20.8 | -1.1 | 93 | E | 0.5 | | | × | |
| | 21 | 21.0 | -1.7 | 91 | - | - | 6 | 35 | × | |
| | 24 | 20.7 | -3.2 | 89 | ESE | 1.0 | | | × | |
| 30 | 3 | 19.6 | -5.1 | 79 | SE | 2.9 | | | ⊖ | |
| | 6 | 17.3 | -3.7 | 57 | SSE | 3.6 | | | ○ | |
| | 9 | 16.6 | 0.1 | 54 | SSW | 2.9 | 0 | 32 | ⊙ | |
| | 12 | 14.1 | 3.0 | 55 | SSE | 0.3 | | | ⊙ | |
| | 15 | 13.1 | 3.8 | 59 | W | 4.1 | 0 | 28 | × | |
| | 18 | 13.3 | 1.9 | 74 | WNW | 3.5 | | | × | |
| | 21 | 14.1 | 0.5 | 90 | W | 5.1 | 1 | 29 | △ | |
| | 24 | 14.9 | 2.5 | 56 | WNW | 7.6 | | | ⊖ | |

気象官署観測表

| 日 | 時 | 気(海面) 圧 mb | 気温 ℃ | 湿度 % | 風 向 16方位 | 風 速 m/s | 降雪の深 cm | 積雪の深 cm | 天 気 | 記 事 |
|---|---|------------------|---------|---------|----------------|---------------|------------|------------|--------|--------|
|---|---|------------------|---------|---------|----------------|---------------|------------|------------|--------|--------|

(官署名) 高田測候所

| | | | | | | | | | | |
|----|----|--------|------|-----|-----|-----|----|-----|---|--|
| 31 | 3 | 1015.3 | 1.6 | 76 | NW | 6.7 | | | △ | |
| | 6 | 17.9 | -0.3 | 94 | NW | 1.8 | | | × | |
| | 9 | 19.6 | 0.3 | 75 | NW | 3.0 | 14 | 40 | × | |
| | 12 | 18.0 | -1.0 | 98 | S | 0.8 | | | × | |
| | 15 | 18.1 | -1.2 | 100 | SW | 0.4 | 18 | 57 | × | |
| | 18 | 17.3 | -2.0 | 96 | - | - | | | × | |
| | 21 | 17.6 | -2.4 | 95 | - | - | 31 | 86 | × | |
| | 24 | 16.9 | -2.1 | 96 | - | - | | | × | |
| 1 | 3 | 17.3 | -2.4 | 94 | - | - | | | × | |
| | 6 | 17.8 | -1.2 | 84 | NW | 4.1 | | | × | |
| | 9 | 17.6 | -1.3 | 94 | NNW | 3.7 | 26 | 99 | × | |
| | 12 | 16.3 | -1.2 | 94 | NW | 4.2 | | | × | |
| | 15 | 16.2 | -0.2 | 79 | WNW | 4.9 | 13 | 101 | × | |
| | 18 | 17.1 | 0.1 | 65 | WNW | 6.4 | | | × | |
| | 21 | 19.2 | -0.8 | 57 | WNW | 6.2 | 0 | 92 | × | |
| | 24 | 19.8 | -1.3 | 66 | WNW | 8.0 | | | × | |
| 2 | 3 | 20.9 | -0.7 | 58 | NW | 5.3 | | | × | |
| | 6 | 21.5 | -0.5 | 61 | NW | 4.1 | | | ⊖ | |
| | 9 | 22.9 | -0.3 | 72 | NW | 3.8 | 1 | 85 | × | |
| | 12 | 21.8 | -0.1 | 83 | WNW | 2.2 | | | × | |
| | 15 | 21.6 | -0.1 | 84 | WNW | 3.1 | 11 | 92 | × | |
| | 18 | 21.8 | -0.6 | 91 | NW | 1.6 | | | × | |
| | 21 | 21.3 | -1.4 | 92 | S | 0.8 | 13 | 101 | × | |
| | 24 | 20.0 | -2.4 | 85 | ESE | 0.5 | | | × | |
| 3 | 3 | 19.2 | -3.5 | 87 | S | 0.9 | | | ⊙ | |
| | 6 | 17.0 | -2.4 | 75 | SSW | 1.3 | | | ⊙ | |
| | 9 | 15.8 | 0.1 | 74 | S | 1.3 | 4 | 98 | × | |
| | 12 | 13.4 | 0.4 | 92 | SSW | 0.7 | | | × | |
| | 15 | 12.4 | 0.5 | 93 | W | 5.9 | 8 | 98 | × | |
| | 18 | 13.7 | -0.3 | 96 | N | 3.9 | | | × | |
| | 21 | 16.9 | -0.3 | 83 | NW | 6.6 | 16 | 109 | × | |
| | 24 | 18.4 | -1.6 | 71 | WNW | 6.4 | | | △ | |

気象官署観測表

| 日 | 時 | 気(海面) 圧 mb | 気 温 °C | 湿 度 % | 風 向 16方位 | 風 速 m/s | 降雪の深 cm | 積雪の深 cm | 天 気 | 記 事 |
|---|---|------------|--------|-------|----------|---------|---------|---------|-----|-----|
|---|---|------------|--------|-------|----------|---------|---------|---------|-----|-----|

(官署名) 高田 測候所

| | | | | | | | | | | |
|---|----|--------|------|-----|-----|-----|----|-----|---|--|
| 4 | 3 | 1019.8 | -1.2 | 67 | NW | 5.5 | | | △ | |
| | 6 | 20.9 | -1.4 | 73 | NW | 7.6 | | | △ | |
| | 9 | 22.9 | -0.7 | 63 | WNW | 6.6 | 1 | 98 | × | |
| | 12 | 21.5 | -0.2 | 69 | NW | 3.3 | | | × | |
| | 15 | 21.9 | -0.8 | 90 | SSW | 1.3 | 1 | 94 | × | |
| | 18 | 21.9 | -1.6 | 93 | S | 1.4 | | | × | |
| | 21 | 21.7 | -4.9 | 84 | S | 2.4 | 14 | 105 | ⊙ | |
| | 24 | 20.0 | -4.9 | 84 | - | 0.2 | | | ⊙ | |
| 5 | 3 | 18.4 | -2.4 | 72 | S | 2.9 | | | ⊙ | |
| | 6 | 16.9 | -2.2 | 71 | SSW | 2.3 | | | × | |
| | 9 | 16.7 | -1.3 | 75 | S | 1.8 | 1 | 100 | ⊙ | |
| | 12 | 13.8 | 3.6 | 55 | WSW | 1.9 | | | ⊙ | |
| | 15 | 14.4 | 2.3 | 68 | WNW | 5.5 | 0 | 94 | × | |
| | 18 | 13.8 | 0.4 | 90 | W | 4.0 | | | × | |
| | 21 | 13.9 | 0.8 | 88 | NW | 5.5 | 3 | 93 | △ | |
| | 24 | 15.5 | -0.3 | 94 | W | 3.6 | | | × | |
| 6 | 3 | 17.8 | -1.2 | 89 | NW | 1.8 | | | × | |
| | 6 | 18.8 | -0.8 | 93 | NW | 2.7 | | | × | |
| | 9 | 20.8 | 0.7 | 70 | WNW | 5.2 | 27 | 117 | × | |
| | 12 | 21.2 | -0.3 | 88 | WSW | 2.2 | | | × | |
| | 15 | 22.5 | -0.3 | 89 | W | 3.4 | 6 | 119 | △ | |
| | 18 | 23.7 | -0.4 | 94 | WSW | 2.6 | | | × | |
| | 21 | 23.9 | -1.3 | 94 | SSW | 1.9 | 8 | 124 | × | |
| | 24 | 22.8 | -2.3 | 76 | S | 3.7 | | | ⊙ | |
| 7 | 3 | 15.2 | 2.3 | 80 | W | 4.9 | | | ● | |
| | 6 | 15.9 | 0.7 | 90 | NNW | 4.9 | | | × | |
| | 9 | 16.9 | 0.9 | 94 | NE | 0.4 | 3 | 80 | × | |
| | 12 | 15.2 | -0.4 | 96 | NW | 1.3 | | | × | |
| | 15 | 14.2 | -0.6 | 100 | SSE | 1.4 | 13 | 90 | × | |
| | 18 | 13.3 | -1.5 | 95 | - | - | | | ⊙ | |
| | 21 | 11.3 | -4.4 | 89 | SSE | 0.8 | 0 | 88 | ⊙ | |
| | 24 | 09.8 | -3.1 | 91 | SSW | 0.9 | | | × | |

気象官署観測表

| 日 | 時 | 気(海面) 圧 mb | 気 温 °C | 湿 度 % | 風 向 16方位 | 風 速 m/s | 降雪の深 cm | 積雪の深 cm | 天 気 | 記 事 |
|---|---|------------|--------|-------|----------|---------|---------|---------|-----|-----|
|---|---|------------|--------|-------|----------|---------|---------|---------|-----|-----|

(官署名) 高田 測候所

| | | | | | | | | | | |
|----|----|--------|------|----|------|-----|----|-----|---|--|
| 13 | 3 | 1012.0 | -1.3 | 96 | - | 0.1 | | | × | |
| | 6 | 13.2 | -2.2 | 93 | - | - | | | × | |
| | 9 | 15.2 | -2.4 | 96 | WNW | 1.2 | 38 | 122 | × | |
| | 12 | 14.9 | -1.5 | 92 | NW | 1.8 | | | × | |
| | 15 | 14.9 | -1.4 | 94 | NNW | 2.4 | 12 | 126 | × | |
| | 18 | 15.7 | -1.7 | 92 | S | 0.9 | | | × | |
| | 21 | 16.3 | -1.5 | 92 | W | 0.5 | 10 | 130 | × | |
| | 24 | 16.2 | -1.5 | 90 | NW | 3.5 | | | × | |
| 14 | 3 | 16.8 | -1.5 | 90 | NW | 4.4 | | | × | |
| | 6 | 18.1 | -1.0 | 74 | NW | 4.9 | | | × | |
| | 9 | 20.0 | -1.0 | 79 | NW | 4.3 | 8 | 128 | × | |
| | 12 | 19.5 | -0.1 | 72 | NW | 4.7 | | | △ | |
| | 15 | 20.2 | -0.2 | 73 | NW | 4.4 | 1 | 124 | △ | |
| | 18 | 22.7 | -0.1 | 54 | NW | 5.7 | | | × | |
| | 21 | 24.5 | 0.0 | 60 | NW | 4.4 | 0 | 122 | ⊙ | |
| | 24 | 24.7 | -0.8 | 80 | S SW | 1.6 | | | × | |
| 30 | 3 | 17.4 | -3.5 | 93 | SSE | 1.8 | | | × | |
| | 6 | 17.6 | -1.9 | 53 | NW | 4.1 | | | × | |
| | 9 | 18.8 | -2.7 | 87 | NNW | 4.4 | 17 | 154 | × | |
| | 12 | 16.3 | -1.9 | 95 | NW | 0.7 | | | × | |
| | 15 | 14.7 | -2.4 | 94 | SE | 1.6 | 6 | 157 | × | |
| | 18 | 14.0 | -2.9 | 87 | - | - | | | × | |
| | 21 | 12.9 | -5.4 | 94 | - | - | 1 | 156 | ⊙ | |
| | 24 | 12.6 | -5.1 | 94 | - | - | | | × | |
| 31 | 3 | 14.7 | -3.8 | 91 | - | - | | | × | |
| | 6 | 14.7 | -3.5 | 89 | - | 0.2 | | | × | |
| | 9 | 15.6 | -2.6 | 80 | NNW | 3.5 | 16 | 166 | × | |
| | 12 | 16.9 | -2.8 | 84 | WNW | 2.4 | | | × | |
| | 15 | 16.5 | -3.1 | 94 | - | - | 9 | 174 | × | |
| | 18 | 16.9 | -3.4 | 92 | S | 0.8 | | | × | |
| | 21 | 16.1 | -5.9 | 83 | S | 2.8 | 9 | 176 | ⊙ | |
| | 24 | 15.1 | -4.5 | 74 | S | 3.7 | | | × | |

気象官署観測表

| 日 | 時 | 気(海面) 圧 mb | 気温 °C | 湿度 % | 風向 16方位 | 風速 m/s | 降雪の深 cm | 積雪の深 cm | 天気 | 記事 |
|---|---|------------|-------|------|---------|--------|---------|---------|----|----|
|---|---|------------|-------|------|---------|--------|---------|---------|----|----|

(官署名) 高田観候所

| | | | | | | | | | | |
|---|----|--------|------|----|-----|-----|----|-----|---|--|
| 1 | 3 | 1013.9 | -0.2 | 61 | W | 3.0 | | | ⊙ | |
| | 6 | 14.3 | -3.4 | 74 | S | 2.5 | | | × | |
| | 9 | 14.4 | -1.8 | 76 | SSE | 0.6 | 1 | 170 | × | |
| | 12 | 13.5 | -0.3 | 84 | SSW | 2.4 | | | × | |
| | 15 | 13.8 | -1.1 | 98 | NW | 2.5 | 38 | 200 | × | |
| | 18 | 14.3 | -1.4 | 96 | S | 1.9 | | | × | |
| | 21 | 14.2 | -1.5 | 94 | SW | 1.4 | 18 | 207 | × | |
| | 24 | 14.2 | -1.5 | 92 | SW | 0.7 | | | × | |
| 2 | 3 | 14.2 | -1.3 | 94 | WNW | 1.6 | | | × | |
| | 6 | 14.3 | -1.9 | 91 | WNW | 1.2 | | | × | |
| | 9 | 13.5 | -1.2 | 83 | W | 3.1 | 20 | 216 | × | |
| | 12 | 13.4 | -1.4 | 94 | W | 3.6 | | | × | |
| | 15 | 12.1 | -0.7 | 89 | WSW | 3.1 | 18 | 227 | × | |
| | 18 | 13.2 | -0.1 | 71 | WNW | 5.3 | | | × | |
| | 21 | 13.8 | -0.2 | 63 | NW | 5.5 | 1 | 221 | × | |
| | 24 | 14.1 | -1.2 | 75 | WNW | 4.5 | | | × | |
| 3 | 3 | 14.6 | -2.6 | 90 | S | 2.3 | | | × | |
| | 6 | 14.9 | -2.4 | 91 | - | 0.2 | | | × | |
| | 9 | 14.7 | -2.8 | 93 | SSE | 1.6 | 10 | 223 | ⊙ | |
| | 12 | 15.3 | -1.6 | 93 | W | 3.7 | | | × | |
| | 15 | 16.5 | -0.9 | 92 | WNW | 4.5 | 9 | 224 | × | |
| | 18 | 16.7 | -1.2 | 92 | - | 0.1 | | | × | |
| | 21 | 17.6 | -1.4 | 91 | WNW | 0.7 | 8 | 227 | × | |
| | 24 | 17.0 | -2.5 | 92 | SE | 0.6 | | | × | |
| 4 | 3 | 17.4 | -2.4 | 93 | SSW | 2.4 | | | × | |
| | 6 | 17.1 | -4.0 | 82 | SSE | 1.4 | | | × | |
| | 9 | 16.8 | -3.4 | 81 | SSW | 1.6 | 11 | 230 | ⊙ | |
| | 12 | 14.1 | 1.3 | 66 | - | 0.2 | | | ⊙ | |
| | 15 | 13.5 | 0.8 | 76 | N | 1.2 | 0 | 219 | × | |
| | 18 | 12.9 | -0.5 | 83 | SSW | 1.1 | | | × | |
| | 21 | 10.6 | -1.1 | 96 | SW | 7.1 | 4 | 219 | × | |
| | 24 | 13.5 | -0.9 | 99 | - | - | | | × | |

気象官署観測表

| 日 | 時 | 気(海面) 圧 mb | 気温 °C | 湿度 % | 風向 16方位 | 風速 m/s | 降雪の深 cm | 積雪の深 cm | 天気 | 記事 |
|---|---|------------|-------|------|---------|--------|---------|---------|----|----|
|---|---|------------|-------|------|---------|--------|---------|---------|----|----|

(官署名) 高田観候所

| | | | | | | | | | | |
|---|----|--------|------|----|-----|-----|----|-----|---|--|
| 5 | 3 | 1013.9 | -1.4 | 97 | WSW | 0.3 | | | ⊙ | |
| | 6 | 14.8 | -1.1 | 86 | SW | 2.3 | | | × | |
| | 9 | 15.7 | -0.3 | 72 | WSW | 2.9 | 23 | 237 | × | |
| | 12 | 15.9 | -1.2 | 93 | NW | 3.1 | | | △ | |
| | 15 | 16.5 | -1.0 | 87 | W | 4.1 | 13 | 243 | × | |
| | 18 | 17.1 | -0.7 | 71 | WSW | 1.9 | | | ⊙ | |
| | 21 | 18.3 | -2.2 | 89 | SSW | 0.6 | 5 | 242 | × | |
| | 24 | 18.8 | -0.6 | 94 | NNW | 1.1 | | | × | |
| 6 | 3 | 19.5 | -0.8 | 94 | NW | 3.6 | | | × | |
| | 6 | 20.7 | -1.2 | 94 | WNW | 4.8 | | | × | |
| | 9 | 21.9 | -0.1 | 70 | NW | 5.6 | 20 | 254 | × | |
| | 12 | 22.7 | -1.5 | 84 | W | 4.0 | | | × | |
| | 15 | 23.0 | -0.7 | 73 | W | 3.9 | 4 | 253 | × | |
| | 18 | 24.0 | -2.0 | 92 | W | 3.7 | | | × | |
| | 21 | 25.4 | -1.4 | 66 | NW | 6.9 | 7 | 252 | × | |
| | 24 | 25.1 | -2.7 | 86 | NW | 6.1 | | | × | |

気象官署観測表

| 日 | 時 | 気(海面)圧 mb | 気温 °C | 湿度 % | 風向 16方位 | 風速 m/s | 降雪の深 cm | 積雪の深 cm | 天気 | 記事 |
|---|---|-----------|-------|------|---------|--------|---------|---------|----|----|
|---|---|-----------|-------|------|---------|--------|---------|---------|----|----|

(官署名) 相川測候所

| | | | | | | | | | | |
|----|----|--------|------|----|-----|------|----|----|---|--|
| 27 | 8 | 1004.5 | -0.1 | 74 | WNW | 15.3 | | | * | |
| | 6 | 05.5 | -0.3 | 77 | WNW | 18.3 | | | * | |
| | 9 | 06.4 | -0.4 | 59 | WNW | 16.9 | 3 | 3 | ☉ | |
| | 12 | 05.0 | 0.2 | 68 | WNW | 14.8 | | | ☉ | |
| | 15 | 05.6 | 0.0 | 74 | WNW | 16.0 | 0 | 3 | △ | |
| | 18 | 07.1 | 0.0 | 77 | WNW | 18.9 | | | * | |
| | 21 | 08.8 | -1.2 | 88 | WNW | 16.1 | 0 | 3 | △ | |
| | 24 | 08.5 | 0.6 | 78 | NW | 15.3 | | | △ | |
| 28 | 3 | 10.5 | 1.6 | 57 | WNW | 11.6 | | | ☉ | |
| | 6 | 12.2 | -0.4 | 92 | WNW | 9.3 | | | △ | |
| | 9 | 13.4 | -0.5 | 92 | NNW | 6.7 | 9 | 9 | * | |
| | 12 | 13.4 | -0.7 | 93 | NNW | 4.3 | | | * | |
| | 15 | 13.4 | 0.3 | 90 | NW | 10.8 | 20 | 27 | * | |
| | 18 | 13.6 | 1.9 | 64 | NW | 9.5 | | | ☉ | |
| | 21 | 14.2 | 0.4 | 88 | N | 7.6 | 3 | 29 | * | |
| | 24 | 14.8 | 0.1 | 82 | NNW | 7.4 | | | △ | |
| 29 | 3 | 15.5 | -1.0 | 82 | N | 3.5 | | | * | |
| | 6 | 16.5 | -1.3 | 80 | N | 4.0 | | | * | |
| | 9 | 18.7 | 0.0 | 80 | N | 6.0 | 1 | 29 | * | |
| | 12 | 18.3 | 0.0 | 74 | NNW | 5.1 | | | * | |
| | 15 | 19.5 | -0.4 | 78 | NNW | 2.3 | 2 | 30 | * | |
| | 18 | 20.3 | 0.8 | 71 | NNW | 6.2 | | | ☉ | |
| | 21 | 20.3 | -0.4 | 71 | NNE | 2.9 | 0 | 26 | * | |
| | 24 | 20.1 | -0.5 | 63 | NNE | 1.3 | | | ☉ | |
| 30 | 3 | 19.3 | -2.1 | 65 | ESE | 3.9 | | | ☉ | |
| | 6 | 16.3 | -0.3 | 65 | SE | 3.9 | | | * | |
| | 9 | 14.3 | 2.6 | 76 | SSE | 2.9 | 1 | 28 | * | |
| | 12 | 12.0 | 5.0 | 63 | W | 11.9 | | | ☉ | |
| | 15 | 12.6 | 3.4 | 81 | W | 9.9 | 0 | 18 | ☉ | |
| | 18 | 12.5 | 2.8 | 79 | WNW | 13.9 | | | * | |
| | 21 | 11.8 | 2.8 | 80 | NNW | 9.1 | 0 | 18 | * | |
| | 24 | 14.5 | 0.4 | 84 | N | 7.3 | | | * | |

気象官署観測表

| 日 | 時 | 気(海面)圧 mb | 気温 °C | 湿度 % | 風向 16方位 | 風速 m/s | 降雪の深 cm | 積雪の深 cm | 天気 | 記事 |
|---|---|-----------|-------|------|---------|--------|---------|---------|----|----|
|---|---|-----------|-------|------|---------|--------|---------|---------|----|----|

(官署名) 相川測候所

| | | | | | | | | | | |
|----|----|--------|------|----|-----|------|---|----|---|--|
| 31 | 3 | 1016.9 | -1.9 | 87 | N | 6.0 | | | * | |
| | 6 | 18.1 | 0.1 | 81 | NW | 14.1 | | | * | |
| | 9 | 19.6 | -0.5 | 76 | NNW | 13.5 | 7 | 25 | ☉ | |
| | 12 | 17.6 | -0.4 | 64 | N | 10.2 | | | * | |
| | 15 | 17.3 | -0.4 | 76 | NNW | 8.5 | 0 | 23 | * | |
| | 18 | 17.1 | -0.2 | 73 | N | 7.4 | | | * | |
| | 21 | 17.7 | -1.1 | 91 | N | 7.3 | 2 | 24 | * | |
| | 24 | 16.7 | -0.1 | 82 | NNW | 13.0 | | | * | |
| 1 | 3 | 16.9 | -0.3 | 75 | NW | 15.1 | | | * | |
| | 6 | 17.6 | -0.9 | 74 | NW | 14.8 | | | * | |
| | 9 | 17.2 | -0.8 | 71 | NW | 14.0 | 2 | 24 | ☉ | |
| | 12 | 15.6 | -1.0 | 79 | NW | 14.3 | | | * | |
| | 15 | 16.4 | -0.6 | 73 | NW | 14.5 | 0 | 24 | * | |
| | 18 | 17.8 | -1.8 | 72 | NW | 15.8 | | | * | |
| | 21 | 19.0 | -2.1 | 83 | WNW | 13.9 | 1 | 25 | * | |
| | 24 | 19.4 | -2.5 | 78 | WNW | 12.9 | | | * | |
| 2 | 3 | 20.3 | -1.4 | 69 | WNW | 11.4 | | | ☉ | |
| | 6 | 21.2 | -2.0 | 87 | WNW | 10.0 | | | * | |
| | 9 | 22.1 | -1.2 | 86 | NW | 10.9 | 3 | 30 | * | |
| | 12 | 21.1 | 0.6 | 66 | WNW | 11.8 | | | * | |
| | 15 | 21.0 | 1.4 | 63 | WNW | 9.9 | 0 | 27 | ☉ | |
| | 18 | 21.0 | 0.7 | 66 | WNW | 11.2 | | | * | |
| | 21 | 20.6 | 1.2 | 64 | WNW | 10.8 | 1 | 27 | * | |
| | 24 | 19.2 | 1.3 | 58 | WNW | 10.4 | | | ☉ | |
| 3 | 3 | 18.3 | 0.8 | 69 | NW | 9.3 | | | * | |
| | 6 | 16.5 | 0.0 | 74 | N | 6.0 | | | * | |
| | 9 | 16.1 | -1.4 | 89 | NE | 1.3 | 4 | 30 | * | |
| | 12 | 12.7 | -0.3 | 87 | ESE | 2.2 | | | * | |
| | 15 | 12.2 | -1.5 | 89 | N | 5.6 | 5 | 33 | * | |
| | 18 | 14.8 | -0.5 | 88 | NNW | 14.2 | | | * | |
| | 21 | 16.8 | -0.5 | 76 | NW | 14.7 | 3 | 36 | * | |
| | 24 | 18.4 | -1.5 | 71 | NW | 13.2 | | | * | |

気象官署観測表

| 日 | 時 | 気(海面) 圧 mb | 気温 ℃ | 湿度 % | 風 向 16方位 | 風 速 m/s | 降雪の 深cm | 積雪の 深cm | 天 気 | 記 事 |
|---|---|------------------|---------|---------|----------------|---------------|------------|------------|--------|--------|
|---|---|------------------|---------|---------|----------------|---------------|------------|------------|--------|--------|

(官署名) 相川測候所

| | | | | | | | | | | |
|----|------|--------|------|-----|------|------|----|----|---|--|
| 4 | 3 | 1019.3 | -1.5 | 75 | NW | 13.0 | | | * | |
| | 6 | 21.2 | -2.1 | 75 | NW | 13.1 | | | * | |
| | 9 | 22.7 | -1.8 | 73 | NW | 11.8 | 2 | 38 | * | |
| | 12 | 21.2 | -0.6 | 53 | NW | 9.3 | | | ⊙ | |
| 15 | 21.6 | -1.0 | 74 | N | 7.2 | 0 | 37 | ⊙ | | |
| 18 | 21.6 | -0.4 | 58 | NW | 5.6 | | | ⊙ | | |
| 21 | 21.2 | -0.3 | 62 | N | 4.1 | 0 | 30 | * | | |
| 24 | 20.3 | -2.6 | 73 | SE | 0.9 | | | * | | |
| 5 | 3 | 18.8 | -2.1 | 83 | ESE | 1.3 | | | * | |
| | 6 | 17.0 | -3.3 | 77 | SE | 0.3 | | | ⊙ | |
| | 9 | 15.4 | -1.8 | 85 | SE | 4.2 | 3 | 33 | * | |
| | 12 | 12.4 | 3.5 | 72 | W | 12.6 | | | ⊙ | |
| 15 | 12.4 | 2.6 | 78 | WNW | 11.5 | 0 | 26 | ⊙ | | |
| 18 | 11.2 | 2.2 | 78 | NNW | 8.5 | | | ⊙ | | |
| 21 | 13.6 | 0.0 | 75 | NNW | 10.3 | 1 | 27 | * | | |
| 24 | 15.3 | -1.3 | 80 | NNW | 13.8 | | | * | | |
| 6 | 3 | 17.2 | -1.3 | 77 | NNW | 12.7 | | | * | |
| | 6 | 18.4 | -0.4 | 64 | NW | 13.4 | | | ⊙ | |
| | 9 | 20.7 | -0.5 | 71 | NW | 12.2 | 0 | 27 | * | |
| | 12 | 21.2 | 0.2 | 77 | NW | 10.9 | | | ⊙ | |
| 15 | 21.8 | 0.6 | 67 | NW | 8.8 | 0 | 27 | * | | |
| 18 | 23.2 | 0.9 | 60 | WNW | 7.9 | | | ⊙ | | |
| 21 | 22.9 | 1.2 | 72 | NW | 5.3 | 1 | 25 | * | | |
| 24 | 22.1 | 2.5 | 77 | WNW | 6.3 | | | ⊙ | | |
| 12 | 3 | 15.0 | 1.8 | 74 | NNW | 10.9 | | | * | |
| | 6 | 16.1 | 1.2 | 64 | NNW | 10.2 | | | ⊙ | |
| | 9 | 16.3 | 1.4 | 56 | N | 7.5 | 0 | - | ⊙ | |
| | 12 | 14.9 | 1.4 | 54 | NNW | 8.1 | | | ⊙ | |
| 15 | 13.7 | 0.7 | 63 | ENE | 2.0 | 0 | - | * | | |
| 18 | 13.8 | -0.9 | 79 | E | 1.4 | | | * | | |
| 21 | 12.1 | -1.5 | 82 | SE | 1.3 | 1 | 1 | * | | |
| 24 | 11.2 | -1.9 | 87 | N | 4.0 | | | * | | |

気象官署観測表

| 日 | 時 | 気(海面) 圧 mb | 気温 ℃ | 湿度 % | 風 向 16方位 | 風 速 m/s | 降雪の 深cm | 積雪の 深cm | 天 気 | 記 事 |
|---|---|------------------|---------|---------|----------------|---------------|------------|------------|--------|--------|
|---|---|------------------|---------|---------|----------------|---------------|------------|------------|--------|--------|

(官署名) 相川測候所

| | | | | | | | | | | |
|----|------|--------|------|-----|------|------|----|----|---|--|
| 13 | 3 | 1012.4 | -1.6 | 87 | N | 7.7 | | | * | |
| | 6 | 12.9 | -0.5 | 66 | NNW | 9.2 | | | * | |
| | 9 | 14.3 | -0.5 | 63 | NNW | 10.7 | 7 | 8 | * | |
| | 12 | 13.8 | -0.8 | 67 | NNW | 5.9 | | | * | |
| 15 | 14.4 | -1.4 | 78 | NW | 8.2 | 0 | 8 | △ | | |
| 18 | 15.4 | -1.3 | 80 | NW | 9.9 | | | △ | | |
| 21 | 15.6 | -0.7 | 67 | NW | 12.6 | 1 | 9 | * | | |
| 24 | 15.5 | -1.1 | 75 | NW | 13.1 | | | * | | |
| 14 | 3 | 15.8 | -1.2 | 79 | NW | 10.7 | | | * | |
| | 6 | 17.6 | -1.5 | 80 | NW | 14.3 | | | * | |
| | 9 | 19.0 | -1.2 | 70 | NW | 13.8 | 1 | 10 | * | |
| | 12 | 18.8 | -1.1 | 71 | NW | 12.5 | | | * | |
| 15 | 20.2 | -1.0 | 74 | NW | 10.5 | 0 | 7 | * | | |
| 18 | 23.0 | -2.1 | 88 | NW | 9.3 | | | * | | |
| 21 | 24.2 | -1.6 | 78 | W | 6.4 | 2 | 10 | * | | |
| 24 | 24.5 | -1.3 | 82 | NW | 7.5 | | | △ | | |
| 30 | 3 | 16.8 | -1.6 | 74 | WNW | 10.9 | | | * | |
| | 6 | 17.2 | -3.5 | 87 | WNW | 8.3 | | | * | |
| | 9 | 17.7 | -2.4 | 65 | WNW | 7.2 | 4 | 18 | ⊙ | |
| | 12 | 16.5 | -1.9 | 68 | NNW | 7.8 | | | ⊙ | |
| 15 | 14.6 | -2.2 | 69 | NNW | 6.6 | 0 | 17 | * | | |
| 18 | 14.4 | -3.2 | 79 | N | 3.7 | | | * | | |
| 21 | 13.8 | -3.7 | 85 | N | 4.4 | 6 | 23 | * | | |
| 24 | 13.0 | -3.0 | 78 | NNW | 10.3 | | | △ | | |
| 31 | 3 | 14.0 | -3.1 | 84 | NNW | 9.6 | | | △ | |
| | 6 | 14.1 | -2.9 | 69 | NNW | 8.6 | | | △ | |
| | 9 | 15.1 | -2.4 | 76 | NNW | 10.1 | 5 | 26 | * | |
| | 12 | 15.8 | -3.0 | 67 | NW | 11.0 | | | ⊙ | |
| 15 | 16.4 | -3.0 | 80 | NNW | 7.5 | 0 | 26 | * | | |
| 18 | 16.3 | -3.6 | 72 | NE | 1.2 | | | * | | |
| 21 | 15.5 | -4.7 | 86 | SE | 1.7 | 3 | 28 | * | | |
| 24 | 13.1 | 0.5 | 71 | W | 3.4 | | | * | | |

気象官署観測表

| 日 | 時 | 気(海面) 圧 mb | 気 温 ℃ | 湿 度 % | 風 向 16方位 | 風 速 m/s | 降雪の深 さ cm | 積雪の深 さ cm | 天 気 | 記 事 |
|---|---|------------------|-------------|-------------|----------------|---------------|-----------------|-----------------|--------|--------|
|---|---|------------------|-------------|-------------|----------------|---------------|-----------------|-----------------|--------|--------|

(官署名) 相川測候所

| | | | | | | | | | | |
|---|----|--------|------|----|-----|------|---|----|---|--|
| 1 | 3 | 1013.2 | -1.3 | 86 | N | 9.5 | | | △ | |
| | 6 | 13.9 | -2.4 | 88 | NNW | 4.0 | | | × | |
| | 9 | 13.9 | -2.1 | 92 | NNW | 7.0 | 8 | 36 | × | |
| | 12 | 13.4 | -1.2 | 82 | NNW | 9.8 | | | × | |
| | 15 | 13.9 | -1.6 | 78 | NW | 10.6 | 2 | 38 | × | |
| | 18 | 14.0 | -1.5 | 78 | NW | 9.0 | | | × | |
| | 21 | 13.6 | -1.0 | 81 | NW | 11.0 | 1 | 39 | △ | |
| | 24 | 13.4 | -0.1 | 69 | NW | 12.1 | | | ⊙ | |
| 2 | 3 | 13.0 | -0.4 | 63 | NW | 13.0 | | | ⊙ | |
| | 6 | 13.1 | -0.7 | 60 | WNW | 10.9 | | | ⊙ | |
| | 9 | 12.4 | 0.1 | 58 | WNW | 10.3 | 0 | 32 | ⊙ | |
| | 12 | 12.3 | 0.4 | 67 | WNW | 10.6 | | | ⊙ | |
| | 15 | 11.6 | 0.3 | 57 | NW | 14.2 | 0 | 30 | ⊙ | |
| | 18 | 12.8 | -1.2 | 82 | WNW | 10.3 | | | △ | |
| | 21 | 13.2 | -0.8 | 81 | NW | 9.8 | 0 | 30 | × | |
| | 24 | 13.8 | -1.2 | 77 | NW | 5.3 | | | × | |
| 3 | 3 | 14.6 | -1.9 | 85 | NW | 4.6 | | | × | |
| | 6 | 14.0 | -1.0 | 74 | NNW | 4.8 | | | × | |
| | 9 | 14.6 | -0.5 | 71 | NW | 5.4 | 1 | 31 | × | |
| | 12 | 14.8 | -1.2 | 88 | NNW | 3.8 | | | × | |
| | 15 | 15.7 | 0.8 | 62 | NW | 7.0 | 1 | 30 | ⊙ | |
| | 18 | 16.0 | 0.8 | 75 | WNW | 7.8 | | | × | |
| | 21 | 16.2 | 0.6 | 77 | NNW | 5.7 | 2 | 32 | × | |
| | 24 | 15.8 | 1.2 | 63 | NW | 9.2 | | | ⊙ | |
| 4 | 3 | 16.1 | 0.5 | 73 | NW | 5.7 | | | ⊙ | |
| | 6 | 15.5 | 0.6 | 70 | N | 5.4 | | | ⊙ | |
| | 9 | 15.7 | 0.5 | 75 | NNW | 0.5 | 1 | 32 | ⊙ | |
| | 12 | 14.3 | -0.2 | 83 | SE | 1.9 | | | × | |
| | 15 | 13.5 | -0.5 | 78 | N | 1.7 | 0 | 30 | × | |
| | 18 | 12.8 | -1.2 | 84 | ESE | 1.4 | | | ⊙ | |
| | 21 | 13.1 | -1.0 | 86 | N | 5.6 | 0 | 30 | × | |
| | 24 | 12.9 | -0.2 | 70 | N | 2.7 | | | ⊙ | |

気象官署観測表

| 日 | 時 | 気(海面) 圧 mb | 気 温 ℃ | 湿 度 % | 風 向 16方位 | 風 速 m/s | 降雪の深 さ cm | 積雪の深 さ cm | 天 気 | 記 事 |
|---|---|------------------|-------------|-------------|----------------|---------------|-----------------|-----------------|--------|--------|
|---|---|------------------|-------------|-------------|----------------|---------------|-----------------|-----------------|--------|--------|

(官署名) 相川測候所

| | | | | | | | | | | |
|---|----|--------|------|----|-----|------|---|----|---|--|
| 5 | 3 | 1013.4 | 0.7 | 56 | NW | 6.0 | | | ⊙ | |
| | 6 | 13.7 | 0.5 | 65 | NW | 6.9 | | | ⊙ | |
| | 9 | 14.2 | 0.9 | 69 | NW | 8.6 | 1 | 31 | ⊙ | |
| | 12 | 14.9 | 1.5 | 79 | NW | 10.9 | | | × | |
| | 15 | 15.6 | -0.2 | 90 | NW | 5.9 | 4 | 34 | × | |
| | 18 | 16.2 | 0.9 | 69 | NNW | 5.6 | | | ⊙ | |
| | 21 | 17.5 | 1.2 | 60 | NNW | 5.9 | 3 | 37 | ⊙ | |
| | 24 | 18.1 | 0.3 | 68 | NNW | 8.2 | | | × | |
| 6 | 3 | 18.9 | 0.1 | 61 | NNW | 9.2 | | | × | |
| | 6 | 19.7 | -1.0 | 75 | N | 8.2 | | | × | |
| | 9 | 20.9 | 0.0 | 77 | NW | 9.7 | 0 | 33 | × | |
| | 12 | 21.5 | -0.6 | 86 | NW | 6.6 | | | × | |
| | 15 | 21.2 | 0.6 | 53 | WNW | 8.9 | 2 | 34 | ⊙ | |
| | 18 | 23.1 | -1.3 | 86 | WNW | 12.2 | | | × | |
| | 21 | 24.2 | -1.1 | 70 | NW | 11.1 | 3 | 37 | × | |
| | 24 | 24.7 | -2.0 | 70 | NW | 11.6 | | | × | |

気象官署観測表

| 日 | 時 | 気(海面) 圧 mb | 気温 °C | 湿度 % | 風 向 16方位 | 風 速 m/s | 降雪の深さ cm | 積雪の深さ cm | 天 気 | 記 事 |
|---|---|------------|-------|------|----------|---------|----------|----------|-----|-----|
|---|---|------------|-------|------|----------|---------|----------|----------|-----|-----|

(官署名) 長岡気象通報所

| | | | | | | | | | | |
|----|----|--------|------|----|-----|------|----|-----|---|--|
| 27 | 9 | 1007.9 | -1.2 | 78 | W | 8.0 | 12 | 12 | ◎ | |
| | 15 | 06.0 | -0.9 | 74 | WNW | 11.0 | | | ◎ | |
| 28 | 9 | 16.0 | -0.6 | 94 | SSW | 2.5 | 9 | 21 | × | |
| | 15 | 13.3 | 0.5 | 89 | SSE | 1.5 | | | ◎ | |
| 29 | 9 | 18.9 | -1.0 | 91 | WNW | 2.0 | 10 | 29 | × | |
| | 15 | 19.2 | -0.8 | 91 | S | 2.5 | | | × | |
| 30 | 9 | 16.5 | -4.0 | 74 | SSW | 4.0 | 16 | 40 | ◎ | |
| | 15 | 12.6 | 1.8 | 85 | SSW | 1.0 | | | ◎ | |
| 31 | 9 | 19.3 | -0.7 | 74 | NNW | 4.0 | 20 | 50 | × | |
| | 15 | 17.9 | -1.6 | 90 | SE | 1.5 | | | × | |
| 1 | 9 | 17.6 | -2.2 | 94 | E | 0.5 | 48 | 85 | × | |
| | 15 | 16.1 | -1.4 | 77 | NW | 8.0 | | | × | |
| 2 | 9 | 22.1 | -1.8 | 96 | W | 5.0 | 19 | 80 | × | |
| | 15 | 21.0 | 0.0 | 85 | WNW | 6.5 | | | × | |
| 3 | 9 | 16.0 | -2.7 | 95 | S | 3.0 | 34 | 102 | × | |
| | 15 | 11.2 | -1.2 | 97 | N | 1.5 | | | × | |
| 4 | 9 | 22.7 | -2.4 | 85 | NW | 4.0 | 38 | 118 | × | |
| | 15 | 21.8 | -1.6 | 94 | SE | 0.5 | | | × | |
| 5 | 9 | 16.5 | -1.7 | 96 | SSW | 4.5 | 24 | 123 | × | |
| | 15 | 13.7 | 1.0 | 91 | WSW | 2.5 | | | × | |
| 6 | 9 | 20.8 | -1.9 | 96 | - | 0.0 | 42 | 142 | × | |
| | 15 | 22.4 | -0.5 | 96 | SSW | 2.0 | | | × | |
| 7 | 9 | 21.4 | 0.2 | 95 | SSW | 6.0 | 31 | 150 | × | |
| 12 | 9 | 1016.2 | 0.3 | 89 | ENE | 3.0 | 2 | 92 | × | |
| | 15 | 14.0 | 0.4 | 75 | SSE | 1.0 | | | ◎ | |
| 13 | 9 | 14.5 | -2.5 | 94 | SSW | 0.5 | 22 | 112 | × | |
| | 15 | 14.3 | -1.3 | 85 | - | 0.0 | | | × | |
| 14 | 9 | 19.9 | -2.3 | 89 | NE | 7.0 | 18 | 120 | × | |
| | 15 | 19.9 | -0.1 | 53 | WNW | 7.5 | | | ◎ | |
| 15 | 9 | 26.5 | -1.2 | 85 | SSW | 0.5 | 9 | 118 | × | |

気象官署観測表

| 日 | 時 | 気(海面) 圧 mb | 気温 °C | 湿度 % | 風 向 16方位 | 風 速 m/s | 降雪の深さ cm | 積雪の深さ cm | 天 気 | 記 事 |
|---|---|------------|-------|------|----------|---------|----------|----------|-----|-----|
|---|---|------------|-------|------|----------|---------|----------|----------|-----|-----|

(官署名) 長岡気象通報所

| | | | | | | | | | | |
|----|----|--------|------|----|-----|-----|----|-----|---|--|
| 30 | 9 | 1017.9 | -1.3 | 83 | W | 4.0 | 7 | 133 | × | |
| | 15 | 14.4 | -1.9 | 70 | ENE | 1.5 | | | × | |
| 31 | 9 | 15.3 | -3.4 | 86 | SSW | 1.0 | 13 | 144 | × | |
| | 15 | 16.5 | -2.9 | 78 | - | 0.0 | | | × | |
| 1 | 9 | 14.5 | -3.1 | 93 | SSW | 1.0 | 28 | 160 | × | |
| | 15 | 13.2 | -1.2 | 95 | WNW | 2.0 | | | × | |
| 2 | 9 | 12.9 | -1.2 | 87 | WNW | 4.5 | 45 | 188 | × | |
| | 15 | 11.4 | 0.4 | 67 | WNW | 5.0 | | | × | |
| 3 | 9 | 14.7 | -1.4 | 95 | ENE | 1.5 | 8 | 180 | × | |
| | 15 | 15.4 | 0.8 | 79 | N | 3.0 | | | ⊙ | |
| 4 | 9 | 16.3 | -0.4 | 82 | SSW | 0.5 | 21 | 190 | ◎ | |
| | 15 | 13.3 | 2.2 | 88 | WNW | 0.5 | | | ◎ | |
| 5 | 9 | 14.7 | -1.0 | 91 | SSW | 2.0 | 22 | 197 | × | |
| | 15 | 14.8 | 2.1 | 65 | W | 5.5 | | | △ | |
| 6 | 9 | 21.1 | -0.3 | 79 | W | 1.0 | 8 | 190 | ◎ | |
| | 15 | 22.5 | -0.7 | 80 | W | 7.0 | | | × | |
| 7 | 9 | 27.2 | -2.0 | 80 | NW | 3.5 | 7 | 188 | × | |

2.2 平均気温

| | 新 潟 | 長 岡 | 高 田 | 相 川 | 村 上 | 下 関 | 中 条 | 菅 谷 | 新 津 | 巻 津 | 津 川 | 森 町 | 入 広 瀬 | 川 口 | 六 日 町 | 十 日 町 | 津 南 | 柏 崎 | 松 之 山 | 安 塚 | 関 山 | 糸 魚 川 | 中 興 | 府 屋 | 岩 沢 | 村 松 | 能 生 | 羽 茂 | 奥 只 見 | |
|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------|--------|-------------|-------------|--------|--------|-------------|--------|--------|-------------|--------|--------|--------|--------|--------|--------|-------------|------|
| 51. 12. 27 | 0.2 | -0.6 | -0.8 | 0.4 | 0.2 | -0.4 | -0.6 | -0.2 | -2.1 | -0.5 | -1.6 | -1.7 | -2.8 | -2.8 | -2.5 | -2.4 | -4.8 | -0.2 | -4.0 | -2.7 | -3.4 | -1.2 | -1.0 | × | -0.5 | -1.4 | -1.6 | -0.7 | -6.7 | |
| 28 | 0.2 | 0.2 | 0.4 | 0.4 | 0.1 | 0.4 | -0.6 | -0.8 | -1.3 | 0.7 | -1.8 | -2.2 | -3.0 | -0.9 | -1.8 | -0.6 | -3.6 | 0.2 | -2.8 | -1.9 | -2.4 | -0.7 | -1.1 | × | -0.2 | -1.4 | -0.9 | -0.1 | -6.4 | |
| 29 | 0.0 | -0.1 | 0.4 | 0.3 | -0.4 | -1.2 | -0.8 | -1.1 | -0.6 | 0.6 | -1.2 | -3.9 | -2.1 | -1.9 | -2.0 | -2.2 | -4.4 | 0.7 | -3.7 | -2.5 | -1.9 | -0.8 | -2.1 | × | -1.0 | -0.1 | 0.9 | 0.5 | -5.5 | |
| 30 | -0.7 | -1.1 | -0.6 | 0.6 | -2.9 | -4.5 | -4.3 | -4.7 | -1.7 | -0.5 | -4.1 | -4.1 | -8.5 | -3.4 | -5.4 | -5.0 | -6.2 | -1.1 | -3.6 | -4.3 | 1.3 | 0.1 | -5.3 | × | × | -4.7 | -1.0 | 0.1 | -6.3 | |
| 31 | 2.2 | -2.1 | -0.1 | -0.9 | -2.9 | -2.5 | -2.5 | -3.7 | -1.5 | -2.2 | -3.7 | -1.9 | -8.9 | -4.2 | -8.8 | -3.7 | -4.7 | -2.1 | -3.8 | -1.7 | -2.5 | -0.4 | -1.3 | × | × | -1.2 | -0.9 | -0.3 | -5.8 | |
| 52. 1. 1 | -1.2 | -2.0 | -1.2 | -0.8 | -1.8 | -2.7 | -2.6 | -2.6 | -2.6 | -1.1 | -2.5 | -2.7 | -3.7 | -3.7 | -4.3 | -3.4 | -5.0 | -1.4 | -4.3 | -2.9 | -3.4 | -0.7 | -0.6 | × | -2.0 | -2.1 | -1.4 | -1.3 | -8.3 | |
| 2 | -0.8 | -1.0 | -0.4 | -0.7 | -0.8 | -1.7 | -1.7 | -1.7 | -1.8 | -0.8 | -2.5 | -2.1 | -2.9 | -2.9 | -2.6 | -2.2 | -3.8 | -0.3 | -3.1 | -2.6 | -3.1 | -0.5 | -1.9 | × | -2.2 | -1.7 | -0.9 | -1.2 | -6.2 | |
| 3 | -1.1 | -2.0 | -0.8 | -0.7 | -1.6 | -1.4 | -1.2 | -1.4 | -1.1 | -0.3 | -1.1 | -1.1 | -2.1 | -2.5 | -2.9 | -2.9 | -4.8 | -0.6 | -3.1 | -2.4 | -3.3 | -0.5 | -1.7 | × | -0.9 | -1.2 | -1.3 | -0.5 | -4.8 | |
| 4 | -1.1 | -1.9 | -0.7 | -1.5 | -2.5 | -2.2 | -2.9 | -1.7 | -2.4 | -1.2 | -2.2 | -2.5 | -3.2 | -2.6 | -2.9 | -3.1 | -5.0 | -0.9 | -3.8 | -3.3 | -3.4 | -1.3 | -2.2 | × | -2.5 | -2.0 | -0.4 | -1.3 | -7.0 | |
| 5 | -0.3 | -1.1 | -0.9 | -0.1 | -0.3 | -1.5 | -1.0 | -2.3 | -2.1 | -0.8 | -4.2 | -2.4 | -3.2 | -2.7 | -2.9 | -2.7 | -5.3 | -0.5 | -5.0 | -3.0 | -0.4 | -1.1 | -2.6 | -2.2 | -0.9 | -2.2 | -1.0 | 0.7 | -4.8 | |
| 6 | 0.8 | -1.1 | 0.6 | 2.0 | 0.1 | -1.1 | -1.3 | -1.3 | -0.5 | 0.0 | -3.5 | -1.0 | -3.1 | -2.7 | -3.2 | -2.8 | -4.6 | 0.8 | -3.8 | -2.9 | -2.2 | 0.1 | 1.0 | 0.9 | -0.1 | 0.0 | 1.3 | 1.5 | -5.4 | |
| 7 | 0.9 | 0.2 | 1.4 | 2.6 | 0.9 | -0.6 | 0.0 | -0.6 | -0.1 | 0.8 | 0.4 | -0.2 | -1.3 | -2.3 | -2.9 | -1.9 | -4.0 | 2.1 | -3.0 | -2.0 | 1.2 | -0.3 | 1.2 | 0.5 | 0.5 | 0.0 | 1.1 | 2.3 | -3.9 | |
| 8 | 2.0 | 0.4 | 1.2 | 3.1 | 1.4 | 0.6 | 1.4 | 1.1 | 1.4 | 2.3 | 0.0 | 2.0 | -0.7 | -1.6 | -1.0 | -1.4 | -2.6 | 2.7 | -1.4 | -1.3 | -0.9 | 1.1 | 2.5 | × | 0.8 | 1.8 | 1.9 | 3.5 | -2.3 | |
| 9 | 1.5 | -1.2 | 0.8 | 3.2 | 1.9 | 0.9 | 2.2 | 1.3 | 1.2 | 0.1 | -2.3 | -1.5 | -3.8 | -1.5 | -1.1 | -1.2 | -2.4 | -1.0 | -2.2 | -1.2 | -0.5 | 1.1 | 1.0 | × | 0.8 | -0.7 | 2.6 | 2.9 | -4.0 | |
| 10 | 2.5 | -0.1 | 1.2 | 3.7 | 2.9 | 1.4 | 2.1 | 2.0 | 1.8 | 1.0 | -1.2 | 0.0 | -2.6 | -0.4 | -1.2 | -0.9 | -2.7 | -1.3 | -1.0 | -0.2 | 0.9 | 1.3 | 2.5 | 3.7 | 0.8 | -0.2 | 2.5 | 3.4 | -2.3 | |
| 11 | 2.6 | 1.8 | 2.3 | 3.5 | 2.8 | 1.6 | 2.9 | 1.8 | 1.8 | 2.2 | -1.0 | 1.3 | 0.8 | 1.1 | 0.7 | 0.7 | -1.7 | 2.8 | -0.4 | 1.0 | -0.6 | 2.8 | 1.9 | 3.2 | 2.2 | 1.3 | 2.8 | 3.3 | -2.9 | |
| 12 | 1.0 | 0.6 | -0.1 | 1.5 | 0.4 | -0.2 | 0.4 | 0.0 | 0.5 | -0.1 | -1.0 | -0.4 | -1.2 | -1.1 | -1.2 | -1.5 | -4.1 | 0.4 | -3.1 | -1.9 | -1.9 | 0.4 | 1.2 | × | -0.1 | 0.3 | 0.1 | 1.8 | -4.9 | |
| 13 | -1.0 | -1.8 | -2.6 | -1.1 | -1.7 | -3.2 | -2.1 | -2.8 | -2.1 | -1.0 | -5.0 | -3.0 | -4.4 | -4.1 | -5.4 | -4.5 | -7.9 | -1.4 | -6.1 | -3.8 | -4.2 | -3.1 | -1.9 | -1.9 | -1.9 | -2.5 | -1.8 | -2.2 | -1.1 | -7.0 |
| 14 | -0.7 | -1.3 | -0.9 | -0.9 | -1.8 | -2.5 | -2.2 | -1.6 | -1.9 | 0.8 | -2.8 | -2.6 | -3.4 | -2.5 | -2.6 | -3.0 | -5.1 | -0.6 | -4.5 | -2.9 | -3.5 | -1.1 | -1.8 | -1.7 | -1.9 | -1.7 | -1.4 | -1.5 | -7.6 | |
| 15 | -1.2 | -0.4 | -0.6 | 0.4 | 0.0 | -1.0 | -1.1 | -1.7 | -1.8 | 0.0 | -2.0 | -1.9 | -1.4 | -1.7 | -1.7 | -3.0 | -4.9 | -0.1 | -3.3 | -1.4 | -3.3 | -0.5 | -2.5 | -2.1 | -1.7 | -3.1 | -0.1 | 0.0 | -4.9 | |
| 16 | -0.3 | -0.7 | 0.1 | 0.7 | 1.1 | -0.7 | -0.5 | -0.8 | -1.3 | 0.4 | -1.0 | -0.5 | -2.6 | -3.2 | -4.4 | -3.2 | -5.7 | 2.1 | -2.6 | -1.9 | -2.1 | -2.3 | -2.3 | -0.2 | -0.5 | -0.5 | -0.2 | 0.8 | -5.1 | |
| 17 | 0.0 | 0.1 | 2.3 | 0.1 | 1.2 | -0.6 | 0.5 | 0.4 | 2.4 | 1.8 | 0.0 | 0.0 | -2.5 | -1.0 | -1.7 | -1.1 | 1.4 | 1.4 | -0.2 | -0.3 | -3.0 | 1.0 | 0.0 | -1.6 | 0.6 | -0.9 | 2.8 | 1.2 | -3.0 | |
| 18 | 0.7 | -0.6 | 0.4 | -0.3 | -1.1 | -1.8 | -1.6 | -1.3 | -0.5 | 0.2 | -1.3 | -1.1 | -2.4 | -1.8 | -1.3 | -1.3 | -3.7 | 0.5 | -2.9 | -1.4 | -2.0 | 0.5 | -0.8 | × | -1.4 | -1.7 | 0.8 | 0.3 | -6.0 | |
| 19 | -1.5 | -3.0 | -0.8 | -0.2 | -2.3 | -3.3 | -3.3 | -4.1 | -3.4 | -3.6 | -6.8 | -3.3 | -5.2 | -5.4 | -6.6 | -2.1 | -6.3 | -4.6 | -4.3 | -2.5 | -5.1 | -2.4 | -3.6 | × | -3.9 | -4.6 | -0.6 | -0.5 | -6.5 | |
| 20 | -2.0 | -1.6 | -0.5 | -0.3 | -2.6 | -1.9 | -2.8 | -2.7 | -1.9 | -2.7 | -5.5 | -1.7 | -3.7 | -3.8 | -4.2 | × | -4.1 | -2.1 | -3.2 | -2.9 | -2.4 | -1.4 | -0.3 | 2.9 | -1.7 | -0.1 | 1.2 | 0.7 | -6.8 | |
| 21 | -1.6 | -2.6 | -1.8 | -1.7 | -2.2 | -4.5 | -3.7 | -1.5 | -2.2 | -2.7 | -7.0 | -4.0 | -4.5 | -3.7 | -5.8 | -4.7 | -7.3 | -2.2 | -6.3 | -3.4 | -5.2 | -1.0 | -3.3 | -2.1 | -3.9 | -3.3 | 0.0 | -1.5 | -6.6 | |
| 22 | -0.8 | -1.6 | -0.7 | -1.5 | -1.6 | -2.0 | -1.9 | -2.2 | -2.0 | -1.2 | -3.1 | -4.1 | -3.3 | -2.8 | -2.6 | -2.7 | -4.7 | -1.1 | -4.2 | -2.9 | -3.2 | -0.6 | -2.8 | -1.6 | -2.2 | -2.2 | -0.9 | -1.5 | -7.2 | |
| 23 | -1.5 | -4.1 | -0.5 | -1.1 | -1.3 | -5.9 | -3.3 | -4.7 | -1.4 | -3.8 | -4.5 | -3.3 | -4.0 | -4.1 | -5.1 | -3.2 | -6.2 | -3.1 | -5.2 | -3.5 | -4.8 | -1.6 | -5.9 | -0.9 | -2.8 | -3.0 | -0.2 | -0.8 | -5.5 | |
| 24 | -1.2 | -2.5 | 0.2 | 0.4 | -1.8 | -4.7 | -3.6 | -2.3 | -1.9 | -0.7 | -4.7 | -2.7 | -4.0 | -3.3 | -3.7 | × | -4.9 | -1.3 | -3.8 | -3.7 | -3.0 | -0.9 | -1.1 | -0.4 | -2.2 | × | -0.3 | 0.7 | -6.6 | |
| 25 | 2.4 | -0.4 | 1.4 | 3.9 | 1.7 | 1.3 | 1.4 | 1.9 | 0.5 | 2.3 | 0.5 | 0.8 | -2.0 | -2.3 | -3.1 | × | -5.4 | 1.8 | 1.1 | -0.3 | -1.4 | 0.7 | 2.4 | 2.2 | 0.5 | × | 3.0 | 3.3 | -2.9 | |
| 26 | 0.0 | -0.3 | 0.6 | 0.7 | 0.7 | 0.4 | 1.0 | 0.5 | -0.2 | -0.7 | -1.2 | -1.6 | -1.2 | -2.0 | -1.9 | × | -3.1 | 0.5 | -2.6 | -1.1 | 1.5 | 0.5 | 0.8 | 0.4 | 0.7 | × | 0.9 | 1.5 | -2.0 | |
| 27 | 1.5 | 1.5 | 1.8 | 0.9 | 1.7 | 0.9 | 1.2 | 1.4 | 2.4 | 1.7 | -1.8 | 1.6 | 0.9 | -0.5 | 1.2 | × | -1.2 | 1.3 | -0.9 | 0.5 | × | 2.6 | -0.5 | 0.9 | 0.9 | × | 3.0 | 2.1 | -1.3 | |
| 28 | 0.3 | -0.4 | -0.7 | -0.8 | -0.7 | -0.9 | -0.6 | -1.0 | -1.0 | -2.2 | -1.6 | -1.6 | -2.0 | -0.6 | -1.8 | -1.3 | -4.3 | -0.1 | -3.8 | -2.5 | × | -0.6 | -1.8 | × | -0.9 | × | -1.4 | -0.6 | -6.5 | |
| 29 | -0.1 | -0.9 | -1.3 | -0.7 | 0.2 | -0.8 | -0.8 | -1.2 | -1.4 | -0.8 | -1.7 | -1.5 | -2.1 | -2.2 | -2.1 | -2.5 | -5.5 | -0.8 | -4.3 | -2.9 | -4.4 | -1.1 | -1.4 | × | -0.3 | × | -3.0 | -0.8 | -7.7 | |
| 30 | -1.2 | -1.4 | -2.5 | -2.9 | -1.8 | -2.6 | -2.7 | -2.2 | -2.6 | -1.2 | -2.7 | -2.9 | -3.6 | -2.9 | -2.6 | -4.0 | -5.8 | -1.8 | -5.3 | -3.7 | -4.6 | -2.5 | -3.1 | -1.4 | -2.2 | × | -2.8 | -2.4 | -7.4 | |
| 31 | -1.4 | -3.4 | -2.7 | -1.6 | -3.0 | -2.0 | -1.8 | -3.2 | -2.4 | -1.4 | -3.7 | -4.0 | -6.1 | -3.7 | -5.5 | -6.1 | -8.2 | -3.1 | -5.8 | -3.2 | -5.0 | -3.0 | -2.9 | -3.2 | -3.4 | × | -1.9 | -1.2 | -9.1 | |
| 2. 1 | -2.5 | -2.6 | -2.7 | -2.4 | -3.2 | -4.3 | -4.0 | -4.0 | -3.0 | -2.6 | -4.1 | -1.9 | -5.0 | -6.1 | -6.2 | -5.7 | -8.7 | -7.0 | -6.6 | -4.6 | -4.6 | -3.4 | -3.4 | -2.8 | -4.0 | × | -1.8 | -2.3 | - | |
| 2 | -0.5 | -0.9 | -1.1 | -0.4 | -1.4 | -1.8 | -1.8 | -1.1 | -1.6 | -0.8 | -2.0 | -3.6 | -3.3 | -3.6 | -2.7 | -3.8 | -6.9 | -0.4 | -4.2 | -3.0 | -3.1 | -1.4 | -0.8 | -1.7 | -1.7 | × | -1.5 | 0.0 | - | |
| 3 | -1.7 | -0.8 | -1.5 | -0.6 | -2.8 | -3.4 | -1.8 | -1.8 | -2.4 | -2.0 | -4.1 | -3.0 | -3.0 | -2.2 | -2.1 | -2.5 | -4.6 | -0.2 | -3.9 | -3.3 | -4.7 | -1.3 | -2.0 | -2.9 | -4.8 | × | -2.1 | -0.5 | - | |
| 4 | -1.1 | 0.4 | -1.8 | 0.1 | -1.5 | -0.9 | 0.1 | -0.3 | -2.7 | -2.4 | -5.2 | -1.8 | -0.7 | -2.7 | -0.4 | -3.2 | -5.7 | 0.5 | -2.4 | -2.1 | -4.2 | -2.9 | -2.3 | 0.4 | -1.5 | × | -2.4 | 0.3 | - | |
| 5 | -0.7 | 0.3 | -1.5 | 0.1 | -1.0 | -2.8 | -1.8 | -2.8 | -2.7 | -0.9 | -4.6 | -2.1 | -2.6 | -2.3 | -2.0 | -3.2 | -7.0 | 0.4 | -4.1 | -2.7 | -3.8 | -2.3 | -2.5 | -0.1 | -2.7 | × | -2.0 | 0.7 | - | |
| 6 | -0.1 | 0.1 | -1.0 | 0.0 | 0.4 | -0.1 | -0.1 | -1.6 | -0.5 | -1.7 | -0.4 | -1.5 | -1.9 | -1.8 | -1.8 | -2.1 | -6.0 | -0.4 | -3.6 | -3.0 | -3.7 | -2.2 | -1.2 | 1.1 | 0.6 | × | -1.6 | 0.2 | - | |
| 7 | -1.3 | -1.3 | -0.8 | -1.8 | -2.0 | -2.5 | -2.8 | -2.7 | -2.9 | -1.4 | -3.0 | -2.5 | -3.3 | -2.8 | -2.3 | -2.9 | -5.1 | -1.4 | -4.5 | -2.8 | -4.6 | -1.6 | -2.3 | -2.0 | -2.5 | × | -2.0 | -2.0 | - | |

2.3 日別降雪量表

| 月 | 日 | 新 | 長 | 高 | 相 | 村 | 下 | 中 | 菅 | 新 | 津 | 森 | 入 | 川 | 六 | 十 | 津 | 柏 | 松 | 安 | 関 | 糸 | 中 | 府 | 岩 | 村 | 能 | 羽 | 奥 | 寺 | 高 | 湯 | 室 | 三 | 新 | 西 | 平 | 三 | 栗 | 小 | |
|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | | 潟 | 岡 | 田 | 川 | 上 | 関 | 条 | 谷 | 津 | 川 | 町 | 広 | 口 | 日 | 日 | 南 | 崎 | 之 | 塚 | 山 | 魚 | 興 | 屋 | 沢 | 松 | 生 | 茂 | 只 | 泊 | 根 | 沢 | 谷 | 条 | 尾 | 津 | 岩 | 面 | 島 | 出 | |
| 51. | 12. | 26 | 5 | 12 | 15 | 3 | 11 | 7 | 3 | 10 | 14 | 20 | 27 | 30 | 30 | 19 | 22 | 10 | 5 | 86 | 10 | 13 | 20 | 3 | 9 | 14 | 11 | 11 | 5 | 40 | 10 | 22 | 10 | 49 | 18 | 19 | 8 | 33 | 18 | 10 | 32 |
| | | 27 | 8 | 9 | 18 | 9 | 13 | 2 | 3 | 5 | 3 | 12 | 8 | 20 | 13 | 38 | 26 | 43 | 5 | 30 | 12 | 28 | 15 | 9 | 5 | 5 | 8 | 2 | 10 | 78 | 10 | 18 | 24 | 28 | 5 | 15 | 8 | 27 | 16 | 7 | 22 |
| | | 28 | 12 | 10 | 13 | 24 | 13 | 38 | 21 | 30 | 17 | 30 | 20 | 50 | 31 | 44 | 24 | 45 | 2 | 31 | 16 | 28 | 20 | 17 | × | 5 | 17 | 10 | 20 | 90 | 5 | 18 | 36 | 31 | 16 | 15 | 30 | 28 | 16 | 10 | 85 |
| | | 29 | 0 | 16 | 10 | 3 | 1 | 5 | 4 | 15 | 4 | 8 | 10 | 23 | 35 | 45 | 50 | 17 | 47 | 43 | 27 | 0 | 18 | 3 | × | — | 4 | 3 | 5 | 36 | 6 | 2 | 26 | 4 | 6 | 12 | 2 | 2 | — | 8 | 28 |
| | | 30 | 9 | 20 | 15 | 7 | 13 | 24 | 12 | 30 | 14 | 45 | 23 | 50 | 46 | 36 | 37 | 45 | 16 | 32 | 21 | 38 | 5 | 9 | 7 | 20 | 20 | 15 | 8 | 56 | 9 | 28 | 40 | 41 | 5 | 25 | 14 | 40 | 22 | 7 | 42 |
| | | 31 | 2 | 55 | 75 | 4 | 7 | 7 | 2 | 15 | 21 | 60 | 45 | 40 | 46 | 46 | 52 | 44 | 35 | 57 | 46 | 85 | 80 | 12 | 9 | 10 | 65 | 60 | 9 | 27 | × | 21 | 46 | 56 | 42 | 44 | 16 | 45 | 11 | 4 | 45 |
| 52. | 1. | 1 | 1 | 19 | 14 | 4 | 2 | 5 | 3 | 7 | 2 | 15 | 10 | 61 | 30 | 44 | 85 | 43 | 5 | 37 | 18 | 64 | 10 | 6 | 0 | 5 | 10 | 42 | 12 | 90 | × | 9 | 52 | 23 | 5 | 26 | 5 | 45 | 11 | 5 | 42 |
| | | 2 | 10 | 34 | 28 | 5 | 15 | 15 | 14 | 18 | 5 | 15 | 30 | 52 | 43 | 19 | 35 | 7 | 35 | 27 | 29 | 1 | 10 | 3 | 0 | 18 | 8 | 13 | 4 | 46 | × | 15 | 7 | 31 | 8 | 32 | 8 | 2 | 10 | 1 | 35 |
| | | 3 | 26 | 38 | 25 | 10 | 10 | 18 | 20 | 10 | 15 | 23 | 28 | 80 | 68 | 52 | 45 | 43 | 24 | 41 | 30 | 41 | 20 | 2 | 45 | 23 | 20 | 21 | 7 | 99 | 15 | 17 | 39 | 28 | 13 | 41 | 10 | 40 | 11 | 13 | 53 |
| | | 4 | 0 | 24 | 16 | 3 | 13 | 5 | 1 | 2 | 0 | 5 | 15 | 30 | 24 | 17 | 18 | 23 | 15 | 20 | 16 | 5 | 10 | 1 | 10 | 13 | 3 | 5 | 5 | 23 | 3 | 31 | 14 | 6 | 4 | 29 | 2 | 3 | 10 | 15 | 28 |
| | | 5 | 2 | 42 | 30 | 1 | 2 | 5 | 2 | 10 | 11 | 60 | 35 | 60 | 61 | 61 | 77 | 78 | 25 | 62 | 40 | 59 | 30 | 5 | 1 | 4 | 32 | 15 | 5 | 40 | 5 | 13 | 68 | 68 | 11 | 50 | 10 | 45 | 16 | 3 | 55 |
| | | 6 | 5 | 31 | 14 | 1 | 3 | 5 | 2 | 15 | 10 | 20 | 14 | 65 | 31 | 31 | 17 | 37 | 8 | 22 | 21 | 11 | 15 | 0 | 7 | 10 | 15 | 6 | 5 | 42 | — | 28 | 34 | 23 | 14 | 30 | 1 | 7 | 14 | 0 | 38 |
| | | 7 | 0 | 4 | 0 | 0 | 2 | 3 | 2 | 7 | 4 | 7 | 4 | 88 | 19 | 5 | 14 | 6 | 0 | 13 | 2 | 1 | — | 0 | 0 | 5 | 9 | 0 | — | 32 | — | 14 | 5 | 7 | 0 | 5 | 0 | 2 | 16 | 0 | 6 |
| | | 8 | 0 | 2 | 4 | 0 | 0 | 0 | 0 | 2 | 0 | 10 | 5 | 8 | 13 | 6 | 10 | 15 | 1 | 18 | 5 | 9 | — | 0 | × | 0 | 5 | 10 | — | 12 | — | 0 | 7 | 0 | 1 | 5 | 0 | — | 14 | 0 | 0 |
| | | 9 | — | — | — | 0 | — | — | — | — | — | — | — | 0 | 0 | — | — | — | — | — | — | 0 | — | 0 | 0 | — | 0 | — | — | 1 | — | 0 | — | — | — | — | — | — | 1 | 0 | 0 |
| | | 10 | 0 | 9 | 10 | 0 | 0 | 3 | 0 | 5 | 2 | 17 | 8 | 15 | 16 | 14 | 15 | 16 | 3 | 17 | 18 | 30 | 20 | — | 0 | 1 | 9 | 15 | 0 | 24 | — | 1 | 13 | 8 | 3 | 10 | 0 | 20 | 5 | 0 | 10 |
| | | 11 | 1 | 2 | 3 | 0 | 1 | 0 | 1 | 1 | 2 | 6 | 2 | 24 | 17 | 10 | 15 | 20 | 2 | 22 | 14 | 32 | 5 | 0 | 1 | 2 | 3 | 1 | 0 | 13 | — | 6 | 16 | 13 | 0 | 5 | 0 | 22 | 6 | 0 | 16 |
| | | 12 | 22 | 22 | 51 | 8 | 12 | 17 | 25 | 25 | 25 | 12 | 22 | 18 | 17 | 14 | 17 | 23 | 31 | 22 | 24 | 28 | 60 | 8 | 6 | 17 | 25 | 62 | 10 | 12 | 20 | 13 | 17 | 11 | 27 | 21 | 9 | 60 | 7 | 0 | 10 |
| | | 13 | 3 | 18 | 30 | 2 | 1 | 5 | 7 | 11 | 6 | 30 | 15 | 50 | 40 | 63 | 55 | 75 | 5 | 62 | 45 | 88 | 40 | 4 | 6 | 5 | 10 | 22 | 2 | 62 | 1 | 9 | 58 | 27 | 8 | 18 | 6 | 90 | 10 | 2 | 45 |
| | | 14 | 3 | 9 | 9 | 3 | 7 | 20 | 15 | 10 | 3 | 3 | 5 | 25 | 21 | 21 | 20 | 32 | 7 | 15 | 10 | 15 | 0 | 8 | 3 | 8 | 1 | 17 | 6 | 49 | 2 | 5 | 42 | 4 | 5 | 16 | 7 | 20 | 8 | 3 | 18 |
| | | 15 | 0 | 1 | 0 | 0 | 6 | 2 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | — | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 13 | 1 | 1 | 0 | — | — | 10 | 0 | 0 | 1 | 1 | 1 | 15 | 2 | — | |
| | | 16 | 7 | 10 | 5 | 3 | 3 | 18 | 20 | 14 | 13 | 7 | 5 | 8 | 6 | 4 | 10 | 6 | 8 | 8 | 10 | 12 | 5 | 1 | 10 | 13 | 12 | 6 | 1 | 6 | 7 | 20 | 14 | 0 | 9 | 5 | 5 | 15 | 15 | 3 | 5 |
| | | 17 | 7 | 29 | 21 | 20 | 1 | 5 | 3 | 13 | 1 | 30 | 27 | 27 | 24 | 31 | 35 | 40 | 16 | 36 | 25 | 67 | 20 | 7 | 3 | 9 | 25 | 15 | 10 | 35 | 10 | 20 | 29 | 0 | 18 | 30 | 13 | 40 | 12 | 5 | 27 |
| | | 18 | 0 | 5 | 4 | 2 | 1 | 4 | 9 | 6 | 1 | 3 | 0 | 11 | 13 | 5 | 5 | 17 | 9 | 9 | 5 | 5 | 10 | 3 | × | 1 | 0 | 6 | 5 | 10 | — | 7 | 13 | 5 | — | 4 | 2 | 8 | 3 | 1 | 10 |
| | | 19 | 4 | 38 | 37 | 0 | 3 | 15 | 6 | 17 | 12 | 47 | 80 | 50 | 45 | 32 | 45 | 39 | 11 | 43 | 40 | 68 | 40 | 0 | 4 | 9 | 22 | 20 | 0 | 31 | — | 12 | 35 | 26 | 12 | 31 | 3 | 40 | 12 | 2 | 38 |
| | | 20 | 0 | 5 | 9 | 4 | 1 | 2 | 2 | 3 | 0 | 8 | 3 | 15 | 10 | 1 | 8 | 5 | 11 | 6 | 10 | 5 | 10 | 15 | 33 | 1 | 0 | 5 | 10 | 8 | 1 | 2 | 4 | 12 | 2 | 4 | 13 | 15 | 1 | 0 | 6 |
| | | 21 | 10 | 12 | 40 | 5 | 1 | 5 | 2 | 13 | 20 | 27 | 9 | 23 | 25 | 41 | 26 | 47 | 20 | 30 | 22 | 42 | 25 | 11 | 5 | 3 | 18 | 28 | 10 | 50 | 5 | 6 | 49 | 16 | 11 | 12 | 23 | 45 | 6 | 0 | 18 |
| | | 22 | 0 | 4 | 4 | 0 | 4 | 2 | 5 | 0 | 1 | 2 | 15 | 15 | 7 | 12 | 7 | 1 | 17 | 15 | 3 | 0 | 0 | 1 | 5 | 0 | 10 | 2 | 11 | — | 10 | 5 | 15 | 0 | 4 | 2 | — | 9 | 0 | 10 | |
| | | 23 | 8 | 8 | 2 | 11 | 12 | 15 | 5 | 14 | 13 | 15 | 3 | 25 | 5 | 24 | 10 | 21 | 1 | 17 | 4 | 13 | 5 | 5 | 10 | 17 | 7 | 1 | 10 | 47 | — | 26 | 22 | 0 | 2 | 6 | 6 | 20 | 26 | 9 | 8 |
| | | 24 | 0 | 7 | 3 | 5 | 8 | 20 | 5 | 7 | 0 | 0 | 5 | 20 | 9 | 9 | 8 | 26 | 1 | 18 | 10 | 3 | 10 | 3 | 12 | 10 | 0 | 1 | 5 | 40 | 2 | 18 | 26 | 19 | 3 | 14 | 1 | — | 20 | 3 | 9 |
| | | 25 | 0 | 0 | 0 | 2 | 0 | 0 | — | 1 | 0 | — | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | — | 3 | 3 | 1 | 2 | 0 | 2 | 1 | — | 1 | — | 0 | 1 | — | 2 | — | 2 | 0 | 0 |
| | | 26 | 7 | 11 | 10 | 5 | 5 | 7 | 5 | 5 | 7 | 6 | 5 | 8 | 7 | 9 | 13 | 11 | 11 | 10 | 12 | 21 | 5 | 4 | 6 | 8 | 10 | 10 | 3 | 8 | — | 6 | 4 | 5 | 8 | 11 | 3 | 9 | 8 | 7 | 8 |
| | | 27 | 2 | 17 | 20 | 5 | 5 | 10 | 3 | 14 | 7 | 22 | 23 | 30 | 26 | 25 | 36 | 40 | 13 | 30 | 27 | 45 | 25 | 3 | 10 | 12 | 20 | 10 | 4 | 15 | — | 21 | 28 | 13 | 8 | 22 | 6 | 55 | 12 | 1 | 20 |
| | | 28 | 0 | 2 | 8 | 0 | 6 | 0 | 1 | 1 | 0 | 0 | 15 | 10 | 5 | 40 | 19 | 65 | 5 | 38 | 8 | 75 | 35 | 8 | × | 3 | 0 | 15 | 4 | 71 | 2 | 10 | 67 | 15 | 3 | 6 | 2 | 50 | 8 | 7 | 15 |
| | | 29 | 0 | 7 | 25 | 6 | 5 | 6 | 1 | 2 | 7 | 20 | 5 | 20 | 8 | 25 | 20 | 36 | 1 | 37 | 23 | 22 | 25 | 8 | 12 | 4 | 20 | 15 | 8 | 28 | 7 | 18 | 32 | 10 | 2 | 8 | 11 | 9 | 17 | 12 | 10 |
| | | 30 | 6 | 13 | 23 | 11 | 16 | 23 | 20 | 27 | 28 | 20 | 15 | 12 | 12 | 11 | 23 | 16 | 16 | 24 | 35 | 29 | 55 | 10 | 13 | 20 | 25 | 30 | 8 | 6 | 11 | 37 | 13 | 8 | 23 | 10 | 11 | 60 | 23 | 8 | 8 |
| | | 31 | 10 | 28 | 19 | 11 | 14 | 15 | 16 | 12 | 27 | 26 | 35 | 53 | 15 | 44 | 17 | 38 | 22 | 25 | 27 | 10 | 15 | 25 | 17 | 25 | 8 | 15 | 28 | 18 | 14 | 14 | 12 | 24 | 16 | | | | | | |

2.4 月別積雪量表

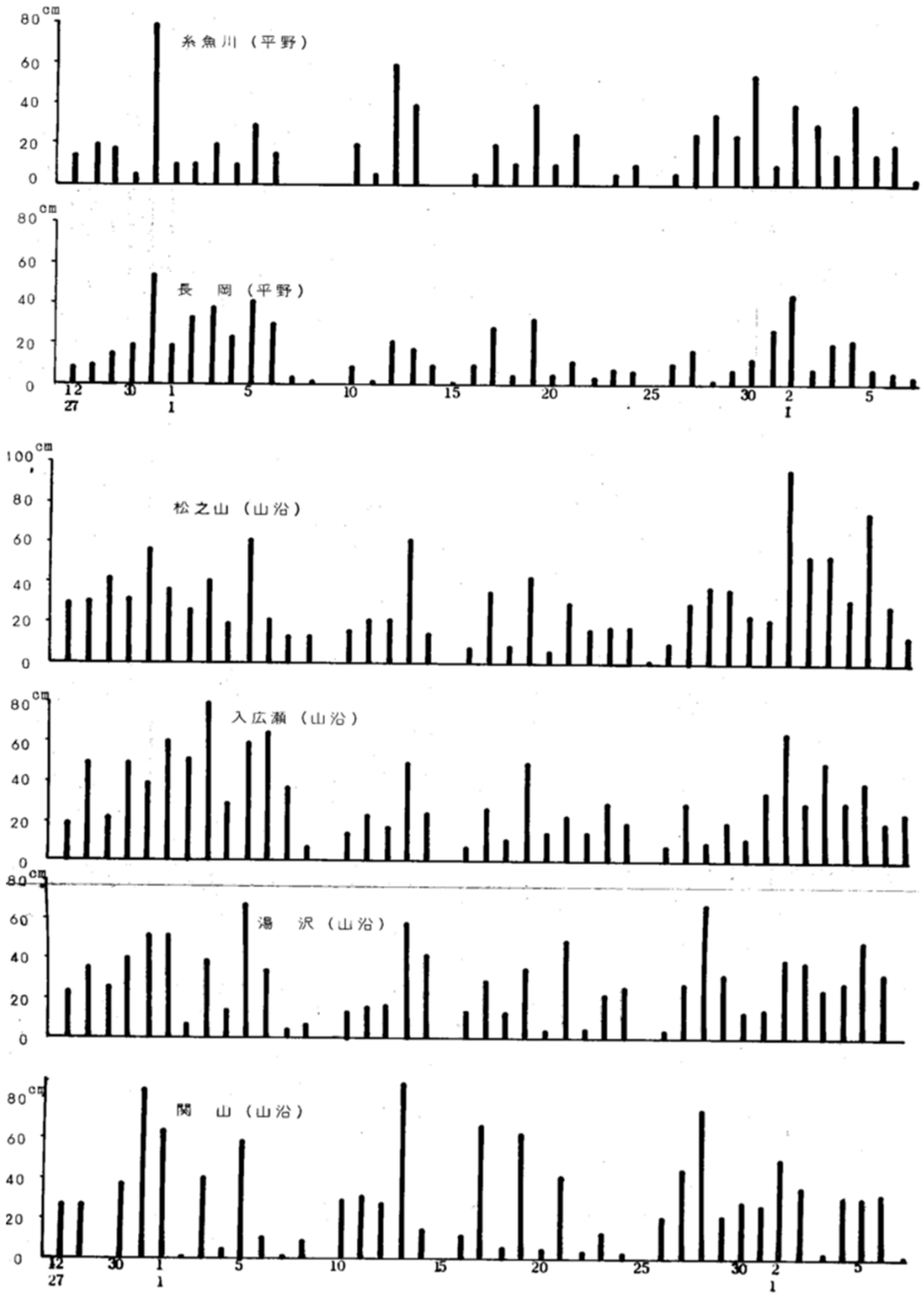
| 月 日 | 新 瀧 | 長 岡 | 高 田 | 相 川 | 村 上 | 下 関 | 中 条 | 菅 谷 | 新 津 | 津 川 | 森 町 | 入 川 | 六 日 町 | 十 日 町 | 津 南 | 柏 崎 | 松 之 山 | 安 塚 | 関 山 | 糸 魚 川 | 中 興 | 府 屋 | 岩 沢 | 村 松 | 能 生 | 羽 茂 | 奥 只 見 | 寺 泊 | 高 根 | 湯 沢 | 室 谷 | 三 条 | 新 尾 | 西 津 | 平 岩 | 三 面 (原) | 栗 島 | 小 出 | |
|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------|-------------|--------|--------|-------------|--------|--------|-------------|--------|--------|--------|--------|--------|--------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|---------------|--------|--------|-----|
| 51. 12. 27 | 5 | 12 | 14 | 3 | 11 | 7 | 3 | 10 | 14 | 21 | 27 | 52 | 80 | 19 | 22 | 37 | 5 | 50 | 10 | 18 | 20 | 1 | 9 | 14 | 11 | 11 | 5 | 163 | 10 | 22 | 10 | 85 | 13 | 19 | 8 | 33 | 18 | 10 | 32 |
| 28 | 5 | 21 | 24 | 9 | 20 | 10 | 3 | 15 | 11 | 30 | 31 | 69 | 39 | 50 | 48 | 71 | 5 | 70 | 20 | 35 | 23 | 13 | 5 | 17 | 8 | 12 | 12 | 214 | 20 | 30 | 35 | 103 | 14 | 22 | 15 | 57 | 30 | 7 | 45 |
| 29 | 14 | 29 | 30 | 29 | 30 | 47 | 24 | 45 | 24 | 50 | 48 | 110 | 63 | 79 | 64 | 100 | 5 | 95 | 32 | 50 | 40 | 35 | / | 27 | 21 | 22 | 28 | 264 | 25 | 46 | 65 | 106 | 22 | 34 | 48 | 79 | 45 | 5 | 73 |
| 30 | 12 | 40 | 32 | 28 | 26 | 50 | 27 | 50 | 25 | 52 | 50 | 115 | 91 | 90 | 95 | 98 | 56 | 120 | 50 | 40 | 45 | 27 | / | 27 | 25 | 21 | 30 | 256 | 31 | 42 | 58 | 91 | 25 | 50 | 34 | 64 | 40 | 0 | 83 |
| 31 | 17 | 50 | 40 | 25 | 34 | 57 | 38 | 65 | 33 | 80 | 65 | 185 | 116 | 105 | 117 | 125 | 55 | 134 | 61 | 70 | 40 | 24 | 7 | 85 | 33 | 31 | 28 | 267 | 40 | 67 | 87 | 128 | 23 | 53 | 39 | 90 | 55 | 4 | 110 |
| 52. 1. 1 | 17 | 85 | 99 | 24 | 35 | 55 | 40 | 62 | 52 | 130 | 105 | 150 | 147 | 125 | 140 | 140 | 65 | 170 | 95 | 120 | 105 | 28 | / | 32 | 75 | 95 | 28 | 273 | 48 | 72 | 105 | 174 | 60 | 77 | 53 | 130 | 65 | 9 | 135 |
| 2 | 17 | 80 | 85 | 30 | 34 | 40 | 43 | 60 | 52 | 120 | 105 | 170 | 134 | 128 | 149 | 158 | 57 | 158 | 105 | 145 | 90 | 30 | 16 | 30 | 70 | 135 | 32 | 292 | 45 | 67 | 146 | 176 | 50 | 85 | 50 | 160 | 75 | 13 | 140 |
| 3 | 22 | 102 | 98 | 30 | 48 | 53 | 56 | 67 | 51 | 100 | 113 | 187 | 157 | 126 | 150 | 143 | 69 | 171 | 120 | 120 | 100 | 30 | 15 | 38 | 66 | 100 | 31 | 294 | 35 | 75 | 120 | 191 | 51 | 95 | 48 | 145 | 67 | 10 | 150 |
| 4 | 43 | 118 | 98 | 38 | 55 | 50 | 73 | 69 | 58 | 105 | 138 | 230 | 190 | 156 | 170 | 169 | 84 | 187 | 140 | 143 | 110 | 32 | 51 | 52 | 76 | 97 | 35 | 346 | 45 | 81 | 132 | 197 | 52 | 115 | 57 | 170 | 74 | 18 | 173 |
| 5 | 40 | 123 | 100 | 33 | 61 | 55 | 65 | 61 | 55 | 102 | 180 | 215 | 191 | 142 | 167 | 168 | 88 | 189 | 147 | 130 | 90 | 32 | 50 | 58 | 70 | 92 | 38 | 316 | 40 | 103 | 138 | 184 | 54 | 120 | 54 | 160 | 81 | 32 | 176 |
| 6 | 37 | 142 | 117 | 27 | 62 | 55 | 65 | 71 | 62 | 140 | 140 | 240 | 229 | 181 | 220 | 220 | 90 | 230 | 165 | 176 | 100 | 34 | 42 | 55 | 83 | 95 | 28 | 314 | 34 | 96 | 179 | 236 | 58 | 157 | 59 | 180 | 86 | 25 | 195 |
| 7 | 36 | 150 | 116 | 20 | 50 | 55 | 63 | 80 | 69 | 135 | 140 | 265 | 218 | 174 | 203 | 220 | 89 | 223 | 172 | 156 | 100 | 31 | 45 | 59 | 85 | 97 | 30 | 320 | 30 | 120 | 172 | 227 | 68 | 160 | 54 | 175 | 90 | 19 | 188 |
| 8 | 30 | 132 | 101 | 6 | 44 | 52 | 56 | 65 | 52 | 110 | 118 | 260 | 213 | 153 | 192 | 200 | 60 | 216 | 145 | 143 | 80 | 21 | 33 | 49 | 67 | 82 | 20 | 324 | 25 | 102 | 160 | 191 | 50 | 120 | 37 | 160 | 96 | 14 | 166 |
| 9 | 27 | 108 | 90 | 4 | 40 | 47 | 50 | 58 | 49 | 110 | 113 | 235 | 198 | 142 | 180 | 202 | 60 | 215 | 140 | 143 | 75 | 19 | / | 41 | 67 | 80 | 19 | 310 | 20 | 91 | 152 | 188 | 48 | 100 | 35 | 150 | 86 | 10 | 150 |
| 10 | 24 | 101 | 85 | 1 | 38 | 42 | 44 | 46 | 46 | 98 | 96 | 215 | 181 | 128 | 160 | 187 | 52 | 200 | 133 | 130 | 65 | 11 | 21 | 36 | 55 | 70 | 15 | 288 | 10 | 85 | 147 | 164 | 46 | 90 | 31 | 140 | 86 | 5 | 140 |
| 11 | 18 | 100 | 83 | 0 | 30 | 40 | 35 | 47 | 47 | 105 | 100 | 220 | 179 | 130 | 159 | 191 | 50 | 205 | 138 | 150 | 80 | 8 | 21 | 32 | 60 | 80 | 8 | 296 | 7 | 80 | 146 | 147 | 46 | 85 | 29 | 150 | 76 | 5 | 135 |
| 12 | 16 | 92 | 80 | - | 30 | 35 | 32 | 47 | 44 | 95 | 90 | 215 | 174 | 125 | 156 | 195 | 52 | 207 | 135 | 170 | 75 | 10 | 22 | 32 | 58 | 75 | 5 | 292 | 5 | 74 | 143 | 154 | 42 | 87 | 28 | 160 | 74 | 0 | 137 |
| 13 | 36 | 112 | 122 | 8 | 42 | 52 | 55 | 70 | 66 | 100 | 110 | 215 | 177 | 129 | 164 | 203 | 81 | 215 | 153 | 175 | 130 | 17 | 23 | 48 | 74 | 137 | 10 | 290 | 20 | 81 | 153 | 158 | 68 | 97 | 34 | 195 | 81 | 0 | 135 |
| 14 | 30 | 120 | 128 | 10 | 42 | 47 | 50 | 69 | 61 | 117 | 115 | 250 | 207 | 178 | 205 | 256 | 74 | 252 | 175 | 231 | 150 | 19 | 23 | 46 | 75 | 130 | 8 | 335 | 20 | 84 | 198 | 173 | 60 | 110 | 42 | 275 | 89 | 4 | 175 |
| 15 | 32 | 118 | 124 | 8 | 47 | 65 | 57 | 68 | 64 | 100 | 105 | 245 | 203 | 169 | 210 | 245 | 73 | 236 | 170 | 215 | 140 | 20 | 26 | 48 | 70 | 145 | 18 | 336 | 24 | 86 | 203 | 168 | 60 | 118 | 44 | 280 | 81 | 8 | 176 |
| 16 | 28 | 111 | 118 | 3 | 49 | 55 | 50 | 69 | 58 | 100 | 105 | 215 | 181 | 152 | 180 | 226 | 70 | 222 | 160 | 195 | 140 | 13 | 25 | 55 | 63 | 125 | 13 | 295 | 21 | 88 | 177 | 162 | 50 | 87 | 40 | 260 | 92 | 9 | 165 |
| 17 | 32 | 116 | 112 | 5 | 50 | 62 | 65 | 76 | 67 | 100 | 105 | 215 | 179 | 147 | 175 | 220 | 69 | 218 | 178 | 195 | 120 | 13 | 30 | 61 | 70 | 110 | 10 | 300 | 18 | 90 | 168 | 155 | 58 | 95 | 41 | 240 | 92 | 9 | 145 |
| 18 | 36 | 129 | 115 | 24 | 51 | 57 | 57 | 74 | 67 | 119 | 125 | 230 | 192 | 159 | 193 | 245 | 73 | 240 | 165 | 240 | 120 | 20 | 32 | 58 | 80 | 115 | 20 | 320 | 26 | 100 | 185 | 145 | 67 | 123 | 50 | 265 | 92 | 15 | 165 |
| 19 | 27 | 129 | 108 | 21 | 50 | 55 | 56 | 76 | 65 | 102 | 115 | 230 | 194 | 146 | 185 | 237 | 79 | 235 | 160 | 220 | 100 | 23 | / | 54 | 75 | 110 | 15 | 312 | 20 | 103 | 184 | 147 | 60 | 113 | 48 | 255 | 92 | 15 | 160 |
| 20 | 30 | 150 | 131 | 13 | 53 | 68 | 60 | 93 | 72 | 143 | 138 | 260 | 216 | 166 | 200 | 260 | 77 | 260 | 185 | 260 | 130 | 10 | 36 | 60 | 90 | 120 | 10 | 323 | 15 | 115 | 192 | 175 | 67 | 136 | 43 | 260 | 95 | 13 | 185 |
| 21 | 25 | 142 | 130 | 14 | 52 | 65 | 60 | 91 | 65 | 135 | 130 | 245 | 211 | 148 | 203 | 245 | 82 | 250 | 180 | 233 | 130 | 25 | 32 | 58 | 78 | 120 | 20 | 315 | 15 | 107 | 183 | 180 | 63 | 128 | 55 | 245 | 90 | 12 | 170 |
| 22 | 35 | 143 | 151 | 17 | 53 | 68 | 58 | 97 | 82 | 145 | 135 | 260 | 218 | 188 | 217 | 270 | 90 | 266 | 185 | 254 | 140 | 35 | 35 | 59 | 88 | 132 | 25 | 350 | 25 | 112 | 209 | 194 | 67 | 130 | 72 | 265 | 94 | 12 | 180 |
| 23 | 33 | 142 | 144 | 14 | 55 | 68 | 60 | 96 | 76 | 132 | 135 | 245 | 220 | 170 | 215 | 252 | 88 | 260 | 190 | 235 | 135 | 32 | / | 62 | 79 | 135 | 27 | 332 | 23 | 115 | 188 | 189 | 61 | 127 | 68 | 235 | 99 | 11 | 176 |
| 24 | 39 | 138 | 134 | 25 | 66 | 77 | 63 | 104 | 84 | 135 | 129 | 245 | 213 | 176 | 205 | 250 | 82 | 255 | 180 | 232 | 130 | 31 | 40 | 73 | 77 | 125 | 27 | 327 | 20 | 130 | 190 | 185 | 60 | 128 | 69 | 240 | 110 | 19 | 165 |
| 25 | 37 | 142 | 133 | 25 | 73 | 84 | 67 | 104 | 80 | 128 | 132 | 250 | 216 | 171 | 203 | 260 | 84 | 260 | 180 | 220 | 130 | 34 | 45 | 79 | 73 | 120 | 25 | 342 | 20 | 135 | 198 | 186 | 63 | 125 | 66 | 235 | 118 | 21 | 167 |
| 26 | 29 | 128 | 123 | 10 | 65 | 67 | 57 | 80 | 69 | 116 | 115 | 228 | 192 | 157 | 195 | 240 | 55 | 240 | 164 | 210 | 120 | 15 | 30 | 59 | 66 | 110 | 10 | 300 | 15 | 123 | 189 | 183 | 56 | 115 | 48 | 215 | 92 | 8 | 158 |
| 27 | 36 | 133 | 125 | 15 | 57 | 72 | 62 | 83 | 72 | 115 | 120 | 225 | 193 | 156 | 197 | 240 | 76 | 246 | 170 | 225 | 120 | 16 | 35 | 58 | 70 | 117 | 10 | 292 | 14 | 125 | 182 | 183 | 58 | 113 | 50 | 218 | 96 | 15 | 155 |
| 28 | 28 | 142 | 135 | 17 | 61 | 77 | 68 | 88 | 73 | 130 | 138 | 245 | 207 | 173 | 197 | 264 | 78 | 265 | 180 | 250 | 140 | 14 | 38 | 65 | 82 | 120 | 14 | 308 | 12 | 121 | 194 | 185 | 64 | 131 | 50 | 245 | 102 | 10 | 175 |
| 29 | 30 | 133 | 137 | 13 | 61 | 70 | 65 | 74 | 67 | 120 | 133 | 237 | 202 | 196 | 222 | 305 | 59 | 285 | 178 | 290 | 160 | 22 | / | 63 | 73 | 130 | 13 | 354 | 16 | 123 | 223 | 190 | 66 | 122 | 52 | 285 | 97 | 19 | 170 |
| 30 | 28 | 133 | 154 | 18 | 66 | 75 | 57 | 81 | 73 | 135 | 133 | 250 | 203 | 199 | 228 | 300 | 78 | 298 | 195 | 280 | 165 | 25 | 50 | 64 | 78 | 141 | 20 | 340 | 21 | 123 | 221 | 194 | 67 | 125 | 61 | 280 | 105 | 25 | 173 |
| 31 | 35 | 144 | 166 | 26 | 81 | 96 | 72 | 103 | 100 | 145 | 142 | 245 | 204 | 192 | 234 | 290 | 82 | 300 | 220 | 281 | 180 | 28 | 55 | 83 | 101 | 165 | 20 | 325 | 30 | 149 | 216 | 195 | 83 | 129 | 69 | 300 | 121 | 28 | 176 |
| 2. 1 | 44 | 160 | 170 | 36 | 92 | 102 | 83 | 110 | 102 | 157 | 153 | 265 | 251 | 193 | 253 | 292 | 110 | 300 | 225 | 270 | 180 | 37 | 71 | 92 | 105 | 166 | 30 | 331 | 48 | 208 | 238 | 85 | 145 | 81 | 125 | 45 | 200 | | |
| 2 | 50 | 188 | 216 | 32 | 93 | 100 | 96 | 123 | 107 | 167 | 174 | 300 | 278 | 227 | 295 | 333 | 118 | 357 | 270 | 300 | 210 | 41 | 80 | 97 | 117 | 185 | 35 | 395 | 44 | 238 | 105 | 175 | 82 | 133 | 40 | 235 | | | |
| 3 | 43 | 180 | 223 | 31 | 93 | 93 | 85 | 121 | 102 | 157 | 176 | 303 | 278 | 261 | 303 | 350 | 112 | 370 | 280 | 306 | 240 | 38 | 78 | 97 | 105 | 200 | 40 | 422 | 47 | 252 | 94 | 172 | 78 | 135 | 45 | 250 | | | |

2.5 新潟県の日別最大地点降雪量表

| 月 日 | 気象台関係 | | | | 国鉄関係 | | | |
|------------|-------|---------|-----|---------|------|------------------|-----|--------|
| | 平 野 | | 山 沿 | | 平 野 | | 山 沿 | |
| | | 地 点 | | 地 点 | | 地 点 | | 地 点 |
| 51. 12. 27 | 15 | 糸魚川 | 43 | 津 南 | 12 | 出雲崎 | 65 | 平 岩 |
| 28 | 38 | 下 関 | 50 | 入広瀬 | 26 | 坂町, 吉田 | 65 | 入広瀬 |
| 29 | 47 | 柏 崎 | 50 | 十日町 | 50 | 柏 崎 | 64 | 十日町 |
| 30 | 30 | 菅 谷 | 50 | 入広瀬 | 25 | 来迎寺 | 50 | 津 川 |
| 31 | 80 | 糸魚川 | 85 | 関 山 | 74 | 高 田 | 110 | 根知, 平岩 |
| 52. 1. 1 | 42 | 能 生 | 64 | 関 山 | 31 | 長 岡 | 117 | 関 山 |
| 2 | 35 | 柏 崎 | 52 | 入広瀬 | 60 | 谷 浜 | 60 | 入広瀬 |
| 3 | 45 | 府 屋 | 80 | 入広瀬 | 64 | 来迎寺 | 100 | 入広瀬 |
| 4 | 24 | 長 岡 | 31 | 高 根 | 33 | 来迎寺 | 32 | 入広瀬 |
| 5 | 42 | 長 岡 | 78 | 津 南 | 55 | 長 岡 | 84 | 十日町 |
| 6 | 31 | 長 岡 | 65 | 入広瀬 | 39 | 長 岡 | 75 | 入広瀬 |
| 7 | 9 | 村 松 | 38 | 入広瀬 | 10 | 来迎寺 | 40 | 入広瀬 |
| 8 | 10 | 能 生 | 15 | 津 南 | 8 | 来迎寺 | 16 | 土 樽 |
| 9 | 0 | | 0 | | — | | — | |
| 10 | 20 | 糸魚川 | 30 | 関 山 | 10 | 糸魚川 来迎寺, 青海 | 85 | 妙高々原 |
| 11 | 5 | 糸魚川 | 32 | 関 山 | 5 | 親不知 | 28 | 妙高々原 |
| 12 | 62 | 能 生 | 60 | 平 岩 | 50 | 名 立 | 65 | 平 岩 |
| 13 | 40 | 糸魚川 | 90 | 平 岩 | 37 | 来迎寺 | 110 | 平 岩 |
| 14 | 20 | 下 関 | 42 | 湯 沢 | 13 | 長 岡 | 77 | 妙高々原 |
| 15 | 13 | 岩 沢 | 10 | 高 根 | 8 | 村 上 | 1 | 津 川 |
| 16 | 20 | 中 条 | 20 | 高 根 | 23 | 新発田 | 20 | 平 岩 |
| 17 | 29 | 長 岡 | 67 | 関 山 | 35 | 長 岡 | 75 | 関 山 |
| 18 | 10 | 糸魚川 | 17 | 津 南 | 8 | 長岡操車場 | 23 | 湯 沢 |
| 19 | 40 | 糸魚川 | 63 | 関 山 | 46 | 来迎寺 | 60 | 関 山 |
| 20 | 33 | 府 屋 | 15 | 入広瀬, 平岩 | 13 | 柿 崎 | 30 | 根知, 平岩 |
| 21 | 40 | 高 田 | 49 | 湯 沢 | 51 | 直江津, 柿崎 | 71 | 妙高々原 |
| 22 | 10 | 能 生 | 17 | 松之山 | 15 | 谷 浜 | 30 | 土 樽 |
| 23 | 20 | 卷 | 26 | 高 根 | 15 | 村 上 | 45 | 土 樽 |
| 24 | 20 | 下 関 | 26 | 津南, 湯沢 | 11 | 長岡(操) | 50 | 土 樽 |
| 25 | 3 | 府屋, 中興 | 1 | | 1 | | 1 | |
| 26 | 11 | 長岡, 柏崎 | 21 | 関 山 | 11 | 来迎寺 | 35 | 妙高々原 |
| 27 | 25 | 糸魚川 | 55 | 平 岩 | 24 | 来迎寺 | 50 | 関 山 |
| 28 | 35 | 糸魚川 | 75 | 関 山 | 15 | 青海, 糸魚川 能生 | 80 | 関 山 |
| 29 | 25 | 高田, 糸魚川 | 37 | 松之山 | 25 | 高 田 | 50 | 田 沢 |
| 30 | 55 | 糸魚川 | 60 | 平 岩 | 40 | 親不知 | 60 | 新 井 |
| 31 | 40 | 卷 | 53 | 川 口 | 41 | 来迎寺 | 55 | 岩 沢 |
| 2. 1 | 71 | 高 田 | 97 | 松之山 | 66 | 高 田 | 91 | 十日町 |
| 2 | 30 | 糸魚川 | 67 | 六日町 | 40 | 糸魚川 | 85 | 十日町 |
| 3 | 28 | 高 田 | 54 | 松之山 | 30 | 高田, 長岡 名立, 谷浜 | 65 | 入広瀬 |
| 4 | 40 | 糸魚川 | 37 | 津 南 | 38 | 出雲崎 | 35 | 新 井 |
| 5 | 38 | 高 田 | 76 | 松之山 | 39 | 高 田 | 73 | 十日町 |
| 6 | 30 | 卷 | 40 | 六日町 | 20 | 糸魚川 | 60 | 土 樽 |
| 7 | 12 | 高 田 | 25 | 入広瀬 | 8 | 新発田 | 21 | 岩 沢 |

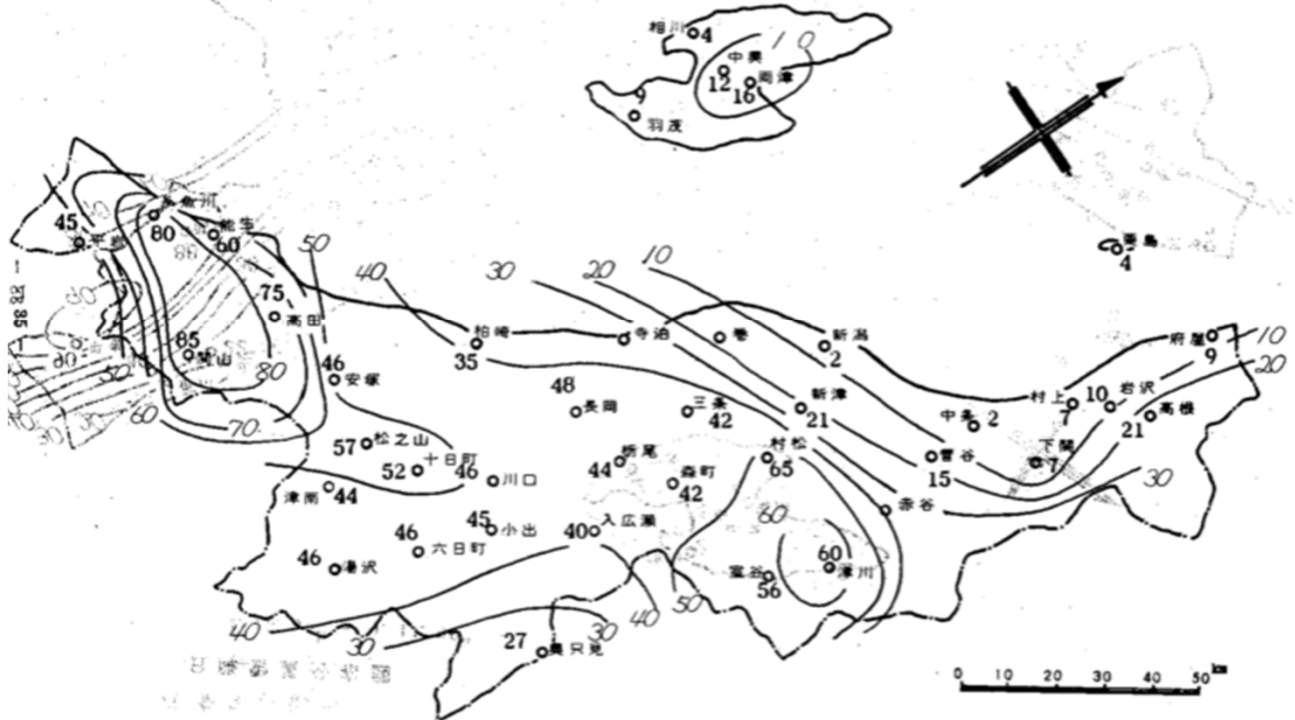
注 気象台関係は奥只見を除く。
国鉄関係は8～16時, 16～8時の合計値

26日降雪量図



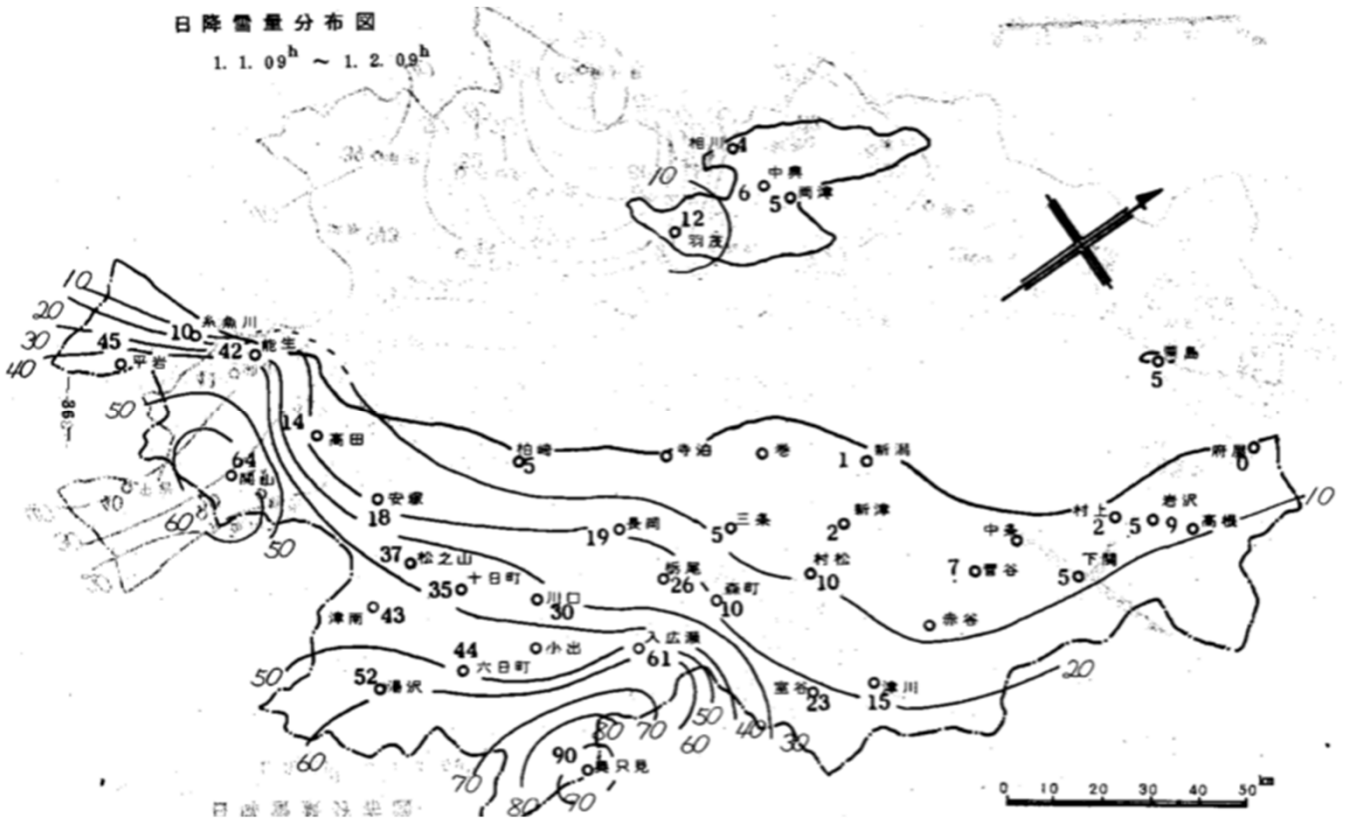
2.7 日降雪量分布図

12. 31. 09^h ~ 1. 1. 09^h



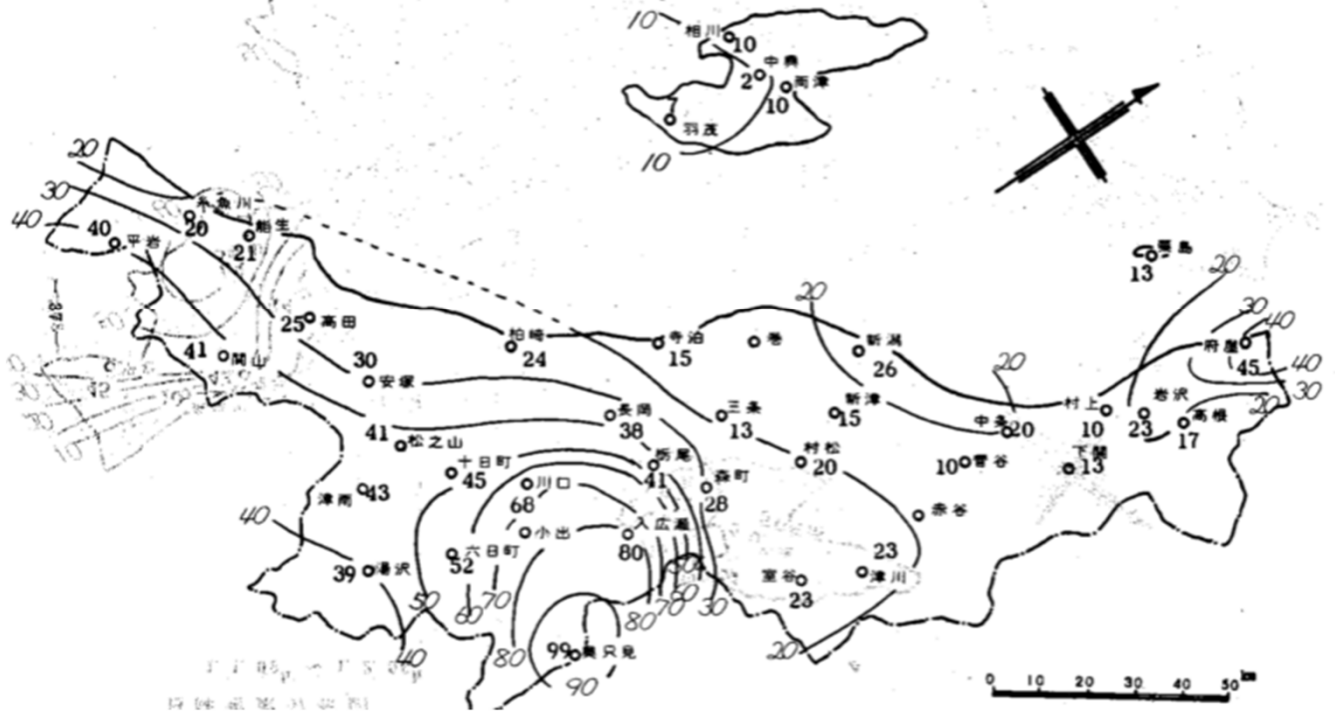
日降雪量分布図

1. 1. 09^h ~ 1. 2. 09^h



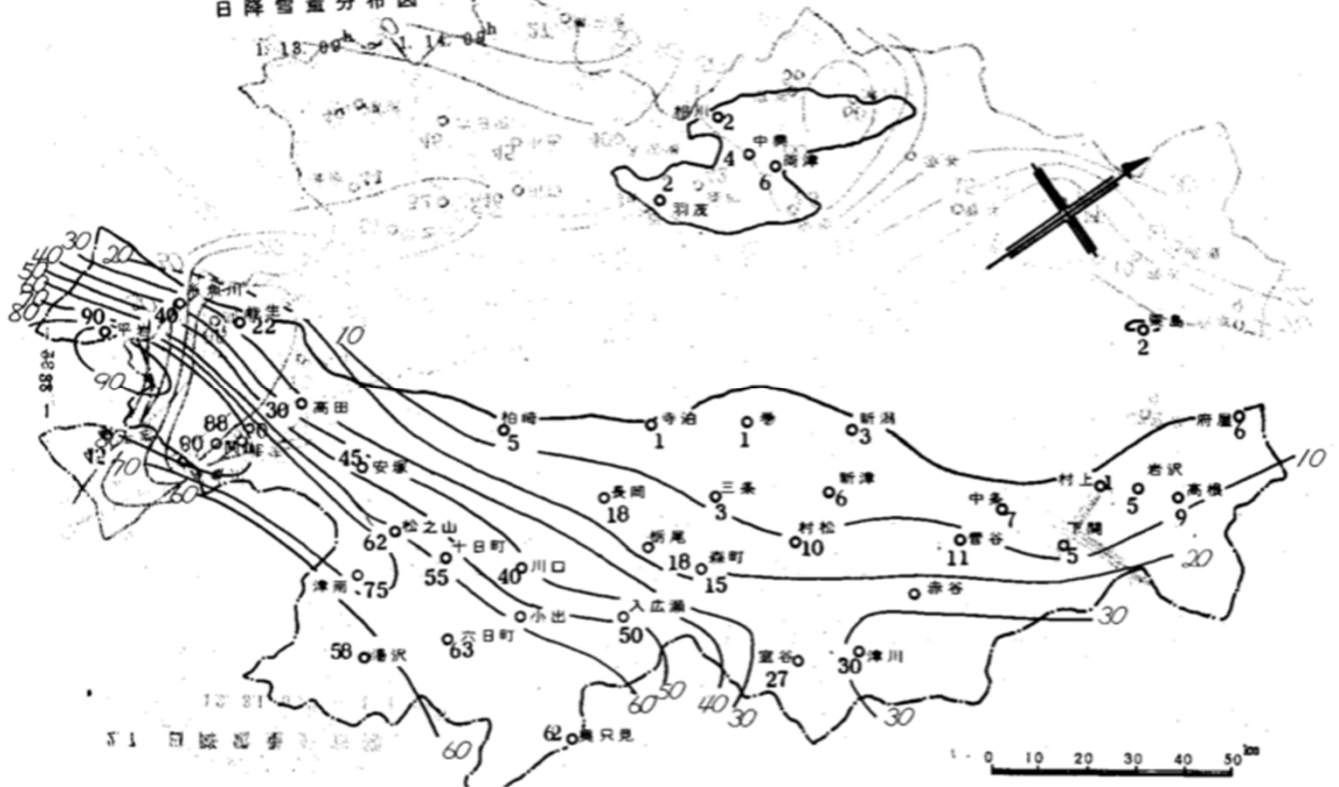
日降雪量分布図

1. 3. 09^h ~ 1. 4. 09^h



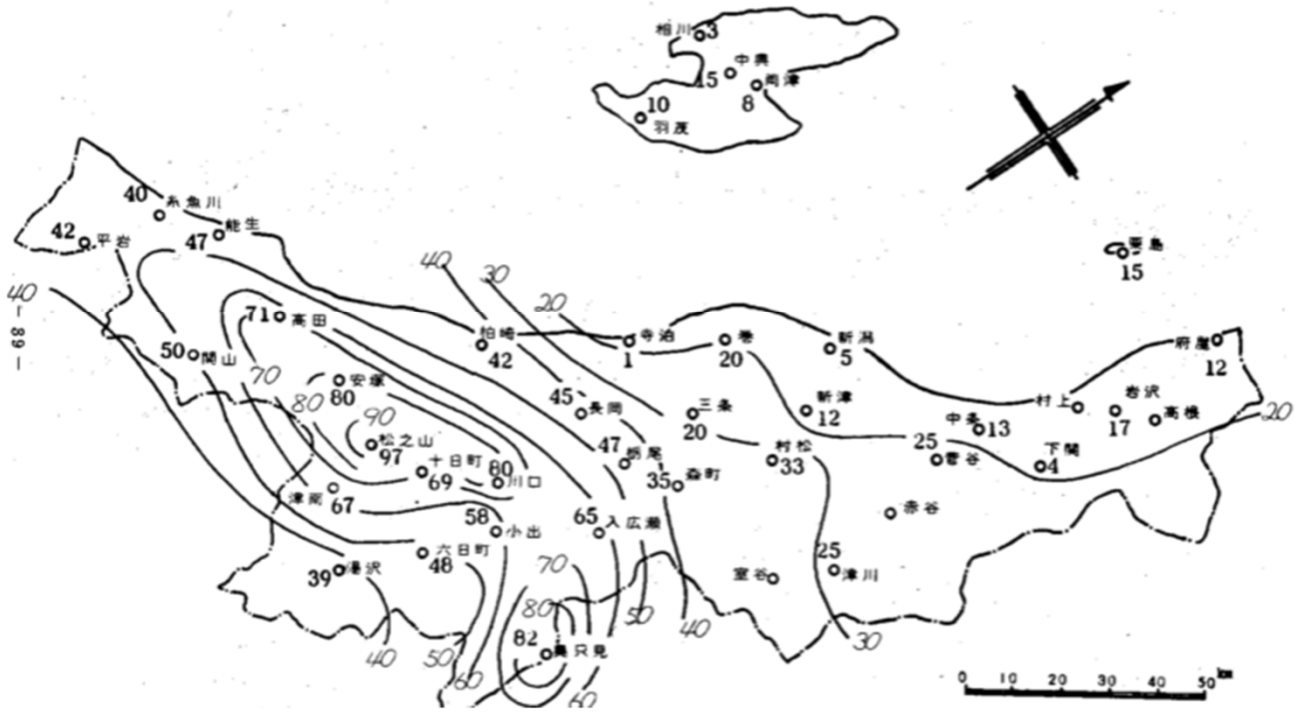
日降雪量分布図

1. 18. 09^h ~ 1. 14. 04^h



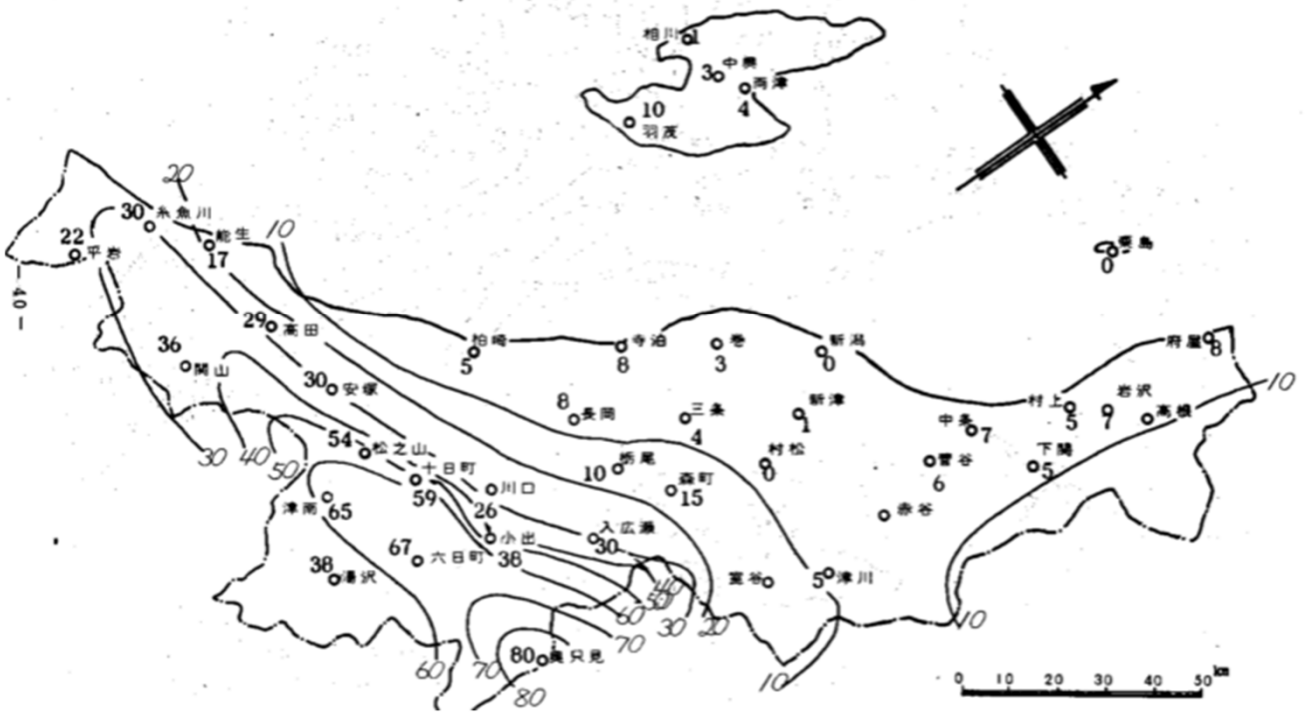
日降雪量分布図

2. 1. 09^h ~ 2. 2. 09^h



日降雪量分布図

2. 2. 09^h ~ 2. 8. 09^h



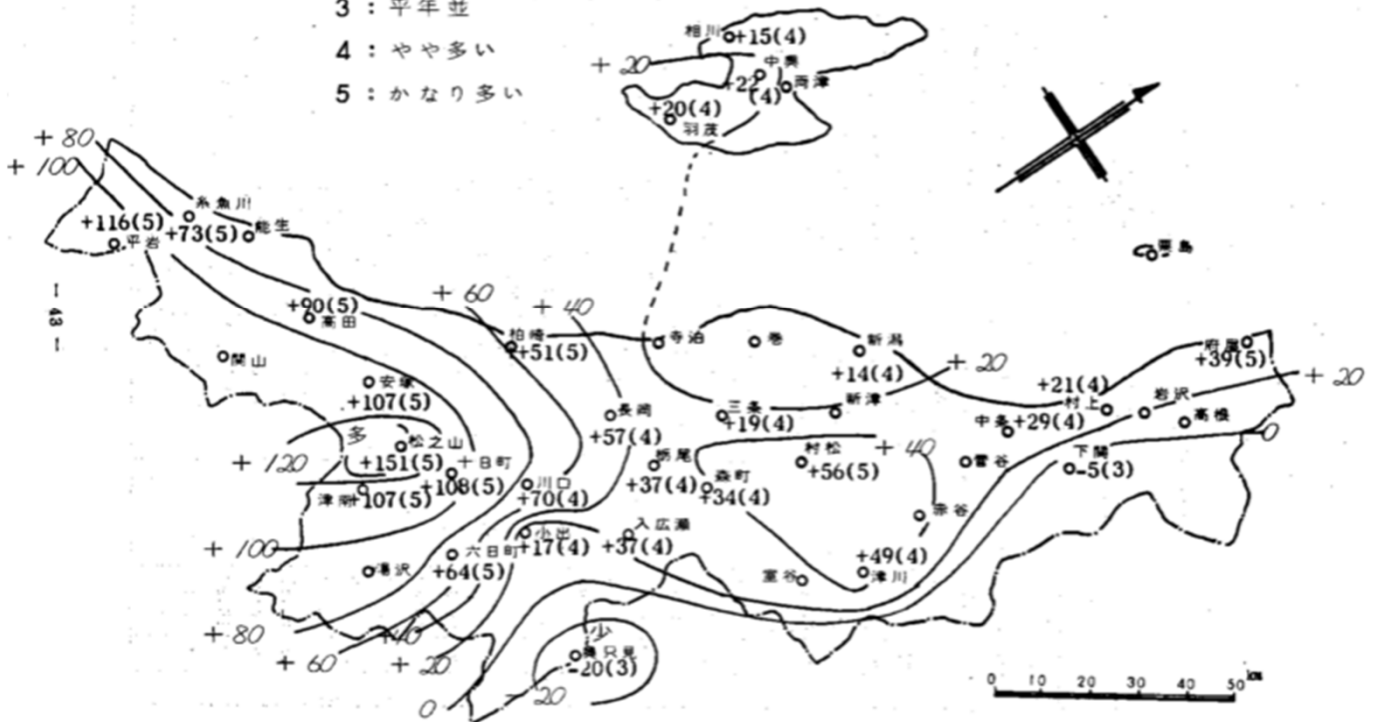
2.10 最深積雪の年平均偏差分布図

※ () 内は階級区分を表わす

3 : 平年並

4 : やや多い

5 : かなり多い



3. 警戒状況

3.1 注意報、警報、情報等の発表状況（新潟地方気象台）

| 月 | 日 | 時分 | 注意報、警報種別 | | 鉄道気象通報 | | |
|----|----|-------|----------|------------|--------|-----------------|----|
| | | | 警報 | 注意報 | 警文 | 警文 | |
| 12 | 26 | 06:10 | | 風雪, 波浪 | 発表 | テケハ・テケカ | 発表 |
| | 27 | 07:00 | 波浪 | 風雪 | 更新 | | / |
| | 27 | 11:40 | 波浪 | 大雪, 強風 | " | テケハ・テケト・テケカ | 更新 |
| | 27 | 17:25 | 大雪, 波浪 | 強風 | " | テケハ・テケト・テケカ | " |
| | 28 | 10:40 | | 大雪, 強風, 波浪 | " | テケイ・テケト・テケカ | " |
| | 29 | 08:10 | | | 解除 | | 解除 |
| | 30 | 11:40 | | 風雪, 波浪 | 発表 | テケハ・テケカ | 発表 |
| | 31 | 10:30 | | 強風, 波浪 | 更新 | テケイ・テケカ | 更新 |
| | 31 | 14:25 | | 風雪, 波浪 | " | テケト・テケカ | " |
| 1 | 1 | 07:45 | | 大雪, 強風, 波浪 | " | テケイ・テケト・テケカ | " |
| | 1 | 11:00 | 大雪 | 強風, 波浪, 雪崩 | " | テケハ・テケト・テケリ・テケカ | " |
| | 2 | 11:00 | | 波浪, 雪崩 | " | テケカ・テケリ | " |
| | 3 | 09:05 | | 大雪, 波浪, 雪崩 | " | テケト・テケリ | " |
| | 3 | 16:45 | | 大雪, 強風, 波浪 | " | テケハ・テケト・テケリ・テケカ | " |
| | 4 | 12:40 | | 波浪 | " | テケカ | " |
| | 5 | 05:30 | | | 解除 | | / |
| | 5 | 11:10 | | 大雪, 強風, 波浪 | 発表 | テケイ・テケト・テケカ | 更新 |
| | 6 | 14:00 | | 大雪, 波浪 | 更新 | テケト | " |
| | 6 | 22:20 | | | 解除 | | 解除 |
| | 7 | 18:30 | | 雪崩 | 発表 | テケリ | 更新 |
| | 8 | 18:30 | | 雪崩 | 更新 | テケリ | " |
| | 9 | 18:30 | | 雪崩 | " | テケリ | " |
| | 10 | 17:00 | | | 解除 | | 解除 |
| | 12 | 18:00 | | 大雪 | 発表 | テケト | 発表 |
| | 13 | 02:35 | | | / | テケト | 更新 |
| | 13 | 14:20 | | 大雪 | 更新 | テケト | " |
| | 13 | 18:50 | | 大雪, 強風, 波浪 | " | テケト・テケハ・テケカ | " |
| | 14 | 18:05 | | 大雪, 波浪 | " | テケト | " |
| | 15 | 05:45 | | | 解除 | | 解除 |

| 月 | 日 | 時分 | 注意報、警報種別 | | 鉄道気象通報 | | |
|---|----|-------|----------|----------------|--------|---------------|----|
| | | | 警報 | 注意報 | 警文 | 警文 | |
| 1 | 17 | 17:15 | | 大雪, 強風, 波浪 | 発表 | テケト, テケイ, テケカ | 発表 |
| | 18 | 11:30 | | | 解除 | | 解除 |
| | 21 | 14:30 | | 大雪 | 発表 | テケト | 発表 |
| | 21 | 16:30 | | | | テケト | 更新 |
| | 22 | 11:25 | | | 解除 | | 解除 |
| | 23 | 19:00 | | 大雪, 強風, 波浪 | 発表 | テケト, テケイ, テケカ | 発表 |
| | 24 | 10:40 | | 波浪 | 更新 | テケカ | 更新 |
| | 25 | 05:35 | | | 解除 | | 解除 |
| | 25 | 18:40 | | 雪崩 | 発表 | テケリ | 発表 |
| | 26 | 07:45 | | | 解除 | | 解除 |
| | 27 | 20:00 | | 風雪, 波浪 | 発表 | テケハ | 発表 |
| | 28 | 11:40 | | 風雪, 波浪 | 更新 | テケハ | 更新 |
| | 29 | 11:50 | | 波浪 | " | | 解除 |
| | 30 | 11:10 | | | 解除 | | / |
| | 30 | 22:10 | | 大雪, 強風, 波浪 | 発表 | テケハ, テケト | 発表 |
| | 31 | 16:15 | | 大雪, 強風, 波浪 | 更新 | テケハ, テケト | 更新 |
| 2 | 1 | 11:00 | 大雪 | 強風, 波浪, 雪崩 | " | テケハ, テケト, テケリ | " |
| | 2 | 11:20 | | 大雪, 強風, 波浪, 雪崩 | " | テケハ, テケト, テケリ | " |
| | 3 | 11:40 | | 大雪, 強風, 波浪, 雪崩 | " | テケハ, テケト, テケリ | " |
| | 4 | 05:55 | | 大雪, 雪崩 | " | テケト, テケリ | " |
| | 5 | 06:45 | | 大雪, 雪崩 | " | テケト, テケリ | " |
| | 6 | 05:55 | | 大雪, 強風, 波浪, 雪崩 | " | テケハ, テケト | " |
| | 6 | 15:00 | | 大雪, 強風, 波浪, 雪崩 | " | テケト, テケリ | " |
| | 7 | 05:30 | | | 解除 | | 解除 |

※ テケイ……風が強くなる テケリ……なだれの恐れあり
 テケハ……風雪が強くなる テケカ……波が高くなる
 テケト……大雪が降る

(4表)

| | 全 壊 | 一部損壊 |
|---------|-----|------|
| 野菜用ハウス | 12棟 | 1棟 |
| 葉タバコ乾燥室 | 3棟 | 8棟 |
| 豚 舎 | 1棟 | |

(5表)

| | 上 越 | 中 越 | 下 越 | 合 計 |
|-------|-----|-----|-----|-----|
| 始業式延期 | | 7 | 5 | 12 |
| 休 校 | 47 | 21 | 1 | 69 |
| 授業カット | 174 | 85 | 3 | 212 |

(含小・中・高校, 延校数)

