

松前

MATSUMAE

2019年

| 満潮 | | | | | 干潮 | | | | | 満潮 | | | | | 干潮 | | | | |
|----|----|-------|----|-------|----|-------|----|-------|----|------|-------|----|-------|----|-------|----|-------|----|--|
| 日 | 時分 | cm | 時分 | cm | 時分 | cm | 時分 | cm | 日 | 時分 | cm | 時分 | cm | 時分 | cm | 時分 | cm | | |
| 1月 | 1 | 12 57 | 30 | 23 58 | 19 | 5 39 | 9 | 19 54 | 15 | 4月 1 | 2 11 | 12 | 14 20 | 25 | 7 3 | 6 | 21 23 | 5 | |
| | 2 | 1 23 | 19 | 13 59 | 34 | 6 28 | 8 | 21 5 | 14 | 2 | 2 40 | 14 | 14 54 | 24 | 8 7 | 4 | 21 38 | 4 | |
| | 3 | 2 22 | 20 | 14 47 | 37 | 7 15 | 8 | 21 53 | 14 | 3 | 3 5 | 16 | 15 25 | 23 | 8 57 | 1 | 21 54 | 3 | |
| | 4 | 3 8 | 22 | 15 26 | 40 | 8 0 | 9 | 22 30 | 14 | 4 | 3 30 | 18 | 15 54 | 23 | 9 40 | -1 | 22 9 | 2 | |
| | 5 | 3 8 | 22 | 16 0 | 41 | 8 41 | 9 | 23 3 | 14 | 5 | 3 57 | 21 | 16 22 | 22 | 10 19 | -2 | 22 26 | 1 | |
| | 6 | 3 45 | 23 | 16 32 | 42 | 9 21 | 9 | 23 34 | 14 | 6 | 4 25 | 23 | 16 49 | 21 | 10 58 | -2 | 22 44 | 1 | |
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| | 10 | 5 47 | 24 | 18 36 | 35 | 0 59 | 13 | 11 48 | 8 | 10 | 6 47 | 31 | 18 31 | 15 | | | 13 56 | 7 | |
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| | 13 | 8 0 | 20 | 20 11 | 25 | 2 26 | 10 | 13 52 | 11 | 13 | 9 49 | 29 | | | 1 34 | 3 | | | |
| | 14 | 9 10 | 20 | 20 49 | 21 | 2 59 | 9 | 15 3 | 13 | 14 | 11 28 | 28 | 23 35 | 17 | 2 52 | 5 | 19 37 | 8 | |
| | 15 | 10 37 | 22 | 21 40 | 19 | 3 37 | 8 | 17 8 | 15 | 15 | | | 23 54 | 21 | 4 52 | 6 | 20 11 | 6 | |
| | 16 | 12 4 | 26 | 22 57 | 17 | 4 22 | 8 | 19 18 | 15 | 16 | 1 8 | 14 | 13 55 | 27 | 6 41 | 4 | 20 39 | 5 | |
| | 17 | | | 13 11 | 30 | 5 15 | 8 | 20 36 | 13 | 17 | 2 0 | 18 | 14 43 | 25 | 8 2 | 2 | 21 6 | 3 | |
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| | 20 | 2 40 | 20 | 15 38 | 43 | 8 4 | 7 | 22 50 | 11 | 20 | 4 8 | 31 | 16 31 | 21 | 10 51 | -2 | 22 24 | 0 | |
| | 21 | 3 22 | 22 | 16 23 | 45 | 8 59 | 5 | 23 26 | 11 | 21 | 4 50 | 33 | 17 2 | 20 | 11 38 | 0 | 22 52 | 0 | |
| | 22 | 4 4 | 24 | 17 6 | 44 | 9 53 | 3 | | | 22 | 5 33 | 35 | 17 31 | 19 | 12 26 | 3 | 23 22 | 0 | |
| | 23 | 4 41 | 25 | 17 48 | 42 | 0 0 | 11 | 10 46 | 1 | 23 | 6 17 | 35 | 17 59 | 18 | 13 16 | 6 | 23 52 | 2 | |
| | 24 | 5 24 | 26 | 18 28 | 38 | 0 34 | 11 | 11 38 | 0 | 24 | 7 3 | 35 | 18 27 | 16 | | | 14 12 | 10 | |
| | 25 | 6 11 | 26 | 19 5 | 33 | 1 7 | 10 | 12 29 | 1 | 25 | 7 51 | 33 | 18 55 | 15 | 0 22 | 3 | 15 26 | 12 | |
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| | 29 | 11 3 | 26 | 21 13 | 16 | 3 35 | 5 | 18 10 | 14 | 29 | 0 55 | 12 | 12 24 | 24 | 4 45 | 10 | 19 59 | 7 | |
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| | 31 | | | 13 55 | 31 | 5 39 | 6 | 21 31 | 13 | | | | | | | | | | |
| 2月 | 1 | 0 50 | 14 | 14 44 | 33 | 6 44 | 7 | 22 1 | 12 | 5月 1 | 2 14 | 17 | 14 0 | 22 | 7 49 | 7 | 20 34 | 5 | |
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| | 8 | 5 28 | 21 | 18 13 | 29 | 0 20 | 8 | 11 43 | 1 | 8 | 5 51 | 39 | 17 44 | 20 | 13 7 | 9 | 23 18 | 4 | |
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| | 13 | 9 34 | 23 | 20 30 | 15 | 2 21 | 4 | 16 44 | 13 | 13 | 10 50 | 30 | 23 30 | 17 | 3 7 | 9 | 18 27 | 10 | |
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| | 16 | | | 13 49 | 33 | 5 26 | 6 | 21 28 | 10 | 16 | 1 46 | 25 | 14 1 | 24 | 8 7 | 8 | 20 11 | 6 | |
| | 17 | 1 21 | 14 | 14 44 | 36 | 6 47 | 5 | 22 1 | 9 | 17 | 2 32 | 30 | 14 45 | 23 | 9 11 | 6 | 20 41 | 5 | |
| | 18 | 2 21 | 16 | 15 32 | 38 | 7 57 | 3 | 22 31 | 8 | 18 | 3 16 | 35 | 15 23 | 23 | 10 4 | 6 | 21 11 | 5 | |
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| | 23 | 5 59 | 27 | 18 36 | 26 | 0 24 | 3 | 12 27 | -3 | 23 | 6 40 | 41 | 18 12 | 22 | | 10 | 13 57 | 15 | |
| | 24 | 6 50 | 27 | 19 3 | 22 | 0 52 | 2 | 13 18 | 1 | 24 | 7 22 | 39 | 18 50 | 21 | 0 1 | 14 | 14 52 | 16 | |
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| | 26 | 8 55 | 25 | 19 46 | 15 | 1 53 | 1 | 15 40 | 11 | 26 | 8 56 | 33 | 21 8 | 18 | 1 22 | 13 | 17 0 | 15 | |
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| | 28 | | | 12 14 | 26 | 3 19 | 3 | | | 28 | 10 55 | 26 | | | 4 0 | 15 | 18 27 | 11 | |
| 3月 | 1 | | | 13 33 | 28 | 4 40 | 5 | 21 46 | 10 | 6月 1 | 2 38 | 32 | 14 27 | 23 | 9 19 | 12 | 20 10 | 9 | |
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| | 6 | 3 46 | 18 | 16 28 | 28 | 9 48 | 0 | 23 0 | 5 | 6 | 5 42 | 48 | 17 29 | 26 | 13 2 | 16 | 23 8 | 10 | |
| | 7 | 4 13 | 19 | 16 55 | 27 | 10 26 | -2 | 23 17 | 4 | 7 | 6 29 | 47 | 18 10 | 26 | 13 51 | 17 | 23 57 | 10 | |
| | 8 | 4 41 | 20 | 17 20 | 25 | 11 2 | 2 | 23 35 | 2 | 8 | 7 18 | 45 | 19 0 | 25 | | | 14 42 | 18 | |
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| | 10 | 5 46 | 22 | 18 9 | 21 | | | 12 16 | -1 | 10 | 9 7 | 37 | 21 33 | 25 | 1 58 | 13 | 16 28 | 16 | |
| | 11 | 6 23 | 23 | 18 32 | 19 | 0 12 | 1 | 12 57 | 2 | 11 | 10 7 | 33 | 23 8 | 27 | 3 20 | 15 | 17 17 | 14 | |
| | 12 | 7 5 | 24 | 18 56 | 16 | 0 32 | 0 | 13 46 | 5 | 12 | 11 11 | 29 | | | 5 5 | 17 | 18 1 | 13 | |
| | 13 | 7 54 | 25 | 19 20 | 14 | 0 56 | 0 | 14 54 | 9 | 13 | 0 29 | 31 | 12 14 | 27 | 6 51 | 17 | 18 41 | 12 | |
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| | 15 | 10 17 | 26 | | | 2 3 | 2 | | | 15 | 2 23 | 39 | 14 5 | | | | | | |

松前

MATSUMAE

2019 年

| 満潮 | | | | | 干潮 | | | | | 満潮 | | | | | 干潮 | | | | |
|----|----|-------|----|-------|----|-------|----|-------|----|----|-------|----|-------|----|-------|----|-------|--|--|
| 日 | 時分 | cm | 時分 | cm | 時分 | cm | 時分 | cm | 日 | 時分 | cm | 時分 | cm | 時分 | cm | 時分 | cm | | |
| 7月 | 1 | 2 45 | 46 | 14 32 | 29 | 9 59 | 21 | 19 57 | 17 | 1 | 5 9 | 39 | 17 27 | 49 | 11 8 | 16 | | | |
| | 2 | 3 26 | 50 | 15 16 | 30 | 10 43 | 21 | 20 41 | 17 | 2 | 5 40 | 36 | 18 15 | 50 | 0 13 | 16 | 11 36 | | |
| | 3 | 4 8 | 53 | 15 55 | 32 | 11 25 | 22 | 21 28 | 16 | 3 | 6 9 | 34 | 19 7 | 50 | 1 7 | 19 | 12 7 | | |
| | 4 | 4 52 | 55 | 16 34 | 33 | 12 5 | 22 | 22 19 | 15 | 4 | 6 36 | 32 | 20 4 | 48 | 2 8 | 23 | 12 39 | | |
| | 5 | 5 37 | 54 | 17 16 | 34 | 12 45 | 23 | 23 11 | 14 | 5 | 7 3 | 30 | 21 10 | 46 | 3 28 | 26 | 13 14 | | |
| | 6 | 6 22 | 52 | 18 2 | 34 | | | 13 25 | 23 | 6 | 上弦 | | 22 31 | 45 | | | 13 58 | | |
| | 7 | 7 7 | 49 | 18 57 | 34 | 0 5 | 14 | 14 5 | 22 | 7 | | | 23 56 | 43 | | | 15 10 | | |
| | 8 | 7 51 | 44 | 19 1 | 34 | 1 3 | 16 | 14 46 | 21 | 8 | | | 12 59 | 27 | 8 8 | 24 | 17 5 | | |
| | 9 | 8 34 | 39 | 21 18 | 35 | 2 6 | 18 | 15 26 | 19 | 9 | 1 0 | 42 | 13 56 | 29 | 8 32 | 22 | 18 43 | | |
| | 10 | 9 17 | 35 | 22 46 | 37 | 3 24 | 21 | 16 9 | 18 | 10 | 1 48 | 41 | 14 29 | 31 | 8 53 | 21 | 19 52 | | |
| | 11 | 10 5 | 31 | | | 5 10 | 24 | 16 56 | 17 | 11 | 2 26 | 39 | 14 56 | 33 | 9 11 | 19 | 20 46 | | |
| | 12 | 0 11 | 40 | 11 5 | 29 | 7 4 | 25 | 17 45 | 17 | 12 | 2 59 | 38 | 15 21 | 35 | 9 28 | 18 | 21 31 | | |
| | 13 | 1 22 | 43 | 12 21 | 28 | 8 31 | 25 | 18 35 | 17 | 13 | 3 30 | 37 | 15 47 | 37 | 9 44 | 17 | 22 12 | | |
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| | 16 | 3 43 | 52 | 15 19 | 33 | 10 50 | 25 | 20 58 | 20 | 16 | 4 55 | 34 | 17 15 | 44 | 10 38 | 16 | | | |
| | 17 | 4 19 | 53 | 15 57 | 35 | 11 23 | 25 | 21 41 | 20 | 17 | 5 21 | 32 | 17 49 | 46 | 0 10 | 17 | 10 59 | | |
| | 18 | 4 53 | 53 | 16 32 | 35 | 11 54 | 25 | 22 23 | 20 | 18 | 5 48 | 31 | 18 27 | 47 | 0 54 | 19 | 11 22 | | |
| | 19 | 5 26 | 51 | 17 6 | 36 | 12 24 | 25 | 23 3 | 19 | 19 | 6 15 | 30 | 19 11 | 47 | 1 45 | 22 | 11 49 | | |
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| | 26 | 9 12 | 32 | 23 39 | 39 | 4 46 | 28 | 15 55 | 20 | 26 | 2 7 | 38 | 14 20 | 36 | 8 33 | 17 | 20 42 | | |
| | 27 | 10 11 | 30 | | | 6 50 | 28 | 16 41 | 20 | 27 | 2 52 | 36 | 15 2 | 40 | 8 59 | 15 | 21 41 | | |
| | 28 | 0 43 | 43 | 11 37 | 30 | 8 15 | 27 | 17 34 | 21 | 28 | 3 32 | 35 | 15 44 | 45 | 9 26 | 14 | 22 33 | | |
| | 29 | 1 36 | 48 | 13 2 | 30 | 9 11 | 27 | 18 31 | 22 | 29 | 4 8 | 33 | 16 27 | 48 | 9 54 | 13 | 23 23 | | |
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| 8月 | 1 | 3 58 | 57 | 15 38 | 36 | 11 8 | 26 | 21 23 | 18 | 1 | 5 45 | 30 | 18 42 | 50 | 1 2 | 18 | 11 31 | | |
| | 2 | 4 43 | 57 | 16 20 | 38 | 11 42 | 25 | 22 20 | 16 | 2 | 6 18 | 29 | 19 30 | 47 | 1 57 | 21 | 12 6 | | |
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| | 4 | 6 6 | 52 | 17 53 | 41 | | | 12 46 | 24 | 4 | 7 41 | 26 | 21 24 | 41 | 4 24 | 23 | 13 29 | | |
| | 5 | 6 44 | 48 | 18 47 | 41 | 0 10 | 16 | 13 18 | 22 | 5 | 8 21 | 24 | 22 37 | 37 | 5 50 | 22 | 14 28 | | |
| | 6 | 7 19 | 43 | 19 48 | 42 | 1 6 | 18 | 13 50 | 21 | 6 | 12 29 | 25 | 23 51 | 34 | 6 49 | 20 | 16 35 | | |
| | 7 | 7 52 | 39 | 20 59 | 42 | 2 8 | 22 | 14 25 | 19 | 7 | | | 13 28 | 27 | 7 23 | 18 | 18 30 | | |
| | 8 | 8 23 | 35 | 22 23 | 43 | 3 27 | 26 | 15 4 | 19 | 8 | 0 50 | 32 | 14 3 | 29 | 7 48 | 16 | 19 47 | | |
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| | 10 | | | | | | | 16 52 | 20 | 10 | 2 18 | 30 | 14 58 | 34 | 8 27 | 14 | 21 27 | | |
| | 11 | 1 11 | 48 | 11 39 | 29 | 9 0 | 29 | 17 59 | 22 | 11 | 2 55 | 29 | 15 24 | 38 | 8 46 | 14 | 22 7 | | |
| | 12 | 2 8 | 50 | 13 32 | 31 | 9 39 | 28 | 19 2 | 23 | 12 | 3 29 | 29 | 15 52 | 41 | 9 7 | 14 | 22 46 | | |
| | 13 | 2 53 | 52 | 14 33 | 33 | 10 9 | 27 | 19 59 | 23 | 13 | 4 1 | 29 | 16 22 | 44 | 9 31 | 14 | 23 25 | | |
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| | 16 | 4 32 | 51 | 16 19 | 38 | 11 23 | 26 | 22 17 | 21 | 16 | 5 31 | 28 | 18 9 | 48 | 0 49 | 17 | 10 56 | | |
| | 17 | 5 2 | 49 | 16 51 | 38 | 11 45 | 25 | 22 57 | 20 | 17 | 6 3 | 28 | 18 53 | 47 | 1 37 | 19 | 11 33 | | |
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| | 19 | 5 57 | 45 | 18 1 | 38 | | | 12 27 | 22 | 19 | 7 34 | 25 | 20 42 | 41 | 3 35 | 20 | 13 10 | | |
| | 20 | 6 23 | 42 | 18 41 | 38 | 0 14 | 20 | 12 47 | 21 | 20 | 8 54 | 24 | 21 53 | 37 | 4 43 | 19 | 14 26 | | |
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| | 27 | 1 8 | 50 | 12 44 | 30 | 9 7 | 27 | 18 1 | 23 | 27 | 3 43 | 28 | 16 17 | 48 | 9 18 | 11 | 23 22 | | |
| | 28 | 2 6 | 52 | 13 55 | 32 | 9 39 | 26 | 19 16 | 22 | 28 | 4 20 | 28 | 16 58 | 50 | 9 55 | 11 | | | |
| | 29 | 2 57 | 54 | 14 43 | 35 | 10 9 | 25 | 20 23 | 19 | 29 | 4 55 | 29 | 17 40 | 49 | 0 6 | 15 | 10 34 | | |
| | 30 | 3 43 | 54 | 15 26 | 38 | 10 37 | 25 | 21 26 | 17 | 30 | 5 29 | 28 | 18 21 | 48 | 0 49 | 17 | 11 12 | | |
| | 31 | 4 23 | 53 | 16 8 | 41 | 11 5 | 24 | 22 23 | 15 | | | | | | | | | | |
| 9月 | 1 | 5 4 | 50 | 16 53 | 43 | 11 32 | 22 | 23 18 | 15 | 1 | 6 5 | 28 | 19 2 | 45 | 1 33 | 19 | 11 52 | | |
| | 2 | 5 40 | 47 | 17 41 | 45 | 11 59 | 21 | | | 2 | 6 44 | 26 | 19 44 | 41 | 2 20 | 19 | 12 32 | | |
| | 3 | 6 12 | 43 | 18 33 | 46 | 0 12 | 16 | 12 27 | 19 | 3 | 7 33 | 24 | 20 28 | 36 | 3 12 | 19 | 13 17 | | |
| | 4 | 6 42 | 39 | 19 30 | 47 | 1 7 | 19 | 12 56 | 18 | 4 | 8 47 | 23 | 21 17 | 32 | 4 9 | 18 | 14 15 | | |
| | 5 | 7 9 | 35 | 20 35 | 47 | 2 9 | 24 | 13 27 | 18 | 5 | 上弦 | | 22 17 | 28 | 5 5 | 16 | 15 45 | | |
| | 6 | 7 34 | 33 | 21 52 | 47 | 3 32 | 28 | 14 4 | 19 | 6 | 12 35 | 24 | 23 25 | 25 | 6 50 | 14 | 17 55 | | |
| | 7 | | | 23 24 | 47 | | | 14 50 | 20 | 7 | | | 13 26 | 27 | 6 24 | 13 | 19 32 | | |
| | 8 | | | | | | | 15 59 | 23 | 8 | 0 32 | 23 | 14 1 | 30 | 6 54 | 12 | 20 34 | | |
| | 9 | 0 45 | 48 | 12 19 | 28 | 9 4 | 27 | 17 29 | 24 | 9 | 1 29 | 23 | 14 32 | 34 | 7 22 | 11 | 21 21 | | |
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| | 11 | 2 28 | 48 | 14 39 | 33 | 9 41 | 25 | 19 54 | 23 | 11 | 2 59 | 24 | 15 33 | 42 | 8 22 | 12 | 22 40 | | |
| | 12 | 3 3 | 48 | 15 10 | 35 | 10 2 | 24 | 20 47 | 22 | 12 | 3 36 | 25 | 16 6 | 45 | 8 55 | 12 | 23 19 | | |
| | 13 | 3 35 | 46 | 15 38 | 36 | 10 21 | 23 | 21 32 | 20 | 13 | 4 10 | 26 | 16 42 | 47 | 9 31 | 12 | 23 58 | | |
| | 14 | 4 4 | 45 | 16 6 | 38 | 10 39 | 22 | 22 14 | 19 | 14 | 4 42 | 27 | 17 21 | 48 | 10 10 | 11 | | | |
| | 15 | 4 32 | 43 | 16 34 | | | | | | | | | | | | | | | |