

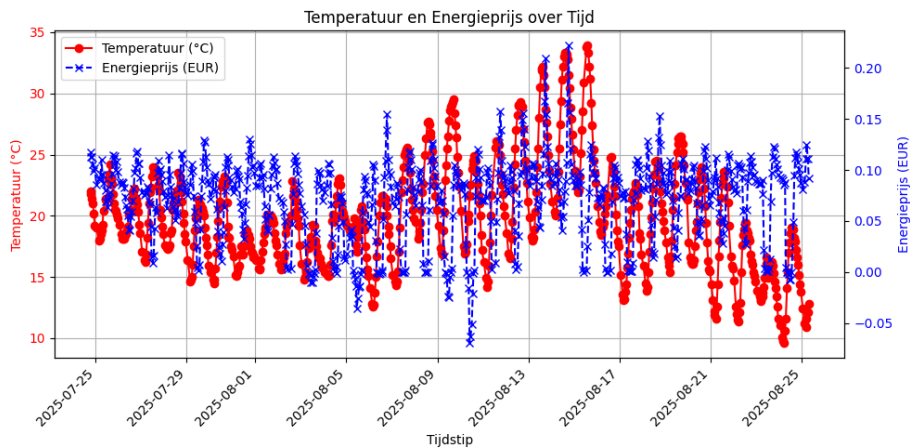
# Analysis report

Generated on: 2025-08-25 07:59:30

## Overview

This report analyzes the relationship between temperature (°C) and energy price (EUR).

## Graph



Temperature vs Energy Price

## Summary statistics

- **Temperature:** Mean = 20.0023, Std Dev = 4.43106
- **Energy Price:** Mean = 0.0716735, Std Dev = 0.0401425
- **Correlation (Pearson):** -0.0687568

## Data

| Timestamp        | Temperature (°C) | Energy Price (EUR) |
|------------------|------------------|--------------------|
| 2025-07-24T18:30 | 22.0             | 0.11693            |
| 2025-07-24T19:00 | 21.8             | 0.11283            |
| 2025-07-24T20:15 | 21.4             | 0.11320            |
| 2025-07-24T21:00 | 21.0             | 0.10530            |
| 2025-07-24T22:15 | 20.2             | 0.09874            |

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| 2025-07-24T23:00 | 19.2 | 0.10217 |
| 2025-07-25T01:00 | 19.0 | 0.08523 |
| 2025-07-25T03:15 | 18.0 | 0.09053 |
| 2025-07-25T04:30 | 18.1 | 0.09160 |
| 2025-07-25T05:15 | 18.5 | 0.09556 |
| 2025-07-25T06:15 | 18.8 | 0.10967 |
| 2025-07-25T07:15 | 19.3 | 0.09566 |
| 2025-07-25T08:15 | 20.4 | 0.08720 |
| 2025-07-25T10:15 | 21.4 | 0.08043 |
| 2025-07-25T11:00 | 21.3 | 0.06940 |
| 2025-07-25T12:15 | 21.5 | 0.06343 |
| 2025-07-25T13:30 | 23.0 | 0.07098 |
| 2025-07-25T14:00 | 23.4 | 0.07370 |
| 2025-07-25T15:00 | 24.2 | 0.07859 |
| 2025-07-25T16:15 | 23.0 | 0.08599 |
| 2025-07-25T17:15 | 22.6 | 0.09611 |
| 2025-07-25T18:15 | 21.8 | 0.11420 |
| 2025-07-25T19:00 | 21.0 | 0.11113 |
| 2025-07-25T20:00 | 20.5 | 0.11332 |
| 2025-07-25T21:00 | 20.4 | 0.10000 |
| 2025-07-25T22:00 | 20.1 | 0.10838 |
| 2025-07-25T23:00 | 19.8 | 0.09837 |
| 2025-07-26T01:00 | 19.3 | 0.08777 |
| 2025-07-26T03:15 | 18.5 | 0.08511 |
| 2025-07-26T04:30 | 18.1 | 0.08826 |
| 2025-07-26T05:15 | 18.1 | 0.08687 |
| 2025-07-26T06:15 | 18.1 | 0.08266 |
| 2025-07-26T07:00 | 18.4 | 0.07387 |
| 2025-07-26T08:15 | 18.5 | 0.06563 |
| 2025-07-26T09:00 | 18.8 | 0.06133 |
| 2025-07-26T10:00 | 19.1 | 0.05553 |
| 2025-07-26T11:00 | 20.1 | 0.04204 |
| 2025-07-26T12:15 | 20.5 | 0.04086 |
| 2025-07-26T13:15 | 20.5 | 0.05445 |
| 2025-07-26T14:00 | 21.4 | 0.05943 |
| 2025-07-26T15:00 | 21.9 | 0.06958 |
| 2025-07-26T16:15 | 22.0 | 0.08212 |
| 2025-07-26T17:00 | 22.2 | 0.09721 |
| 2025-07-26T18:15 | 21.5 | 0.10159 |
| 2025-07-26T19:00 | 21.3 | 0.11672 |
| 2025-07-26T20:00 | 20.9 | 0.11836 |
| 2025-07-26T21:00 | 20.3 | 0.10620 |
| 2025-07-26T22:00 | 19.3 | 0.10604 |
| 2025-07-26T23:00 | 18.6 | 0.09244 |
| 2025-07-27T01:00 | 17.1 | 0.07773 |
| 2025-07-27T03:30 | 16.4 | 0.07500 |
| 2025-07-27T04:30 | 16.2 | 0.07751 |
| 2025-07-27T05:15 | 16.8 | 0.07703 |
| 2025-07-27T06:15 | 18.2 | 0.08376 |
| 2025-07-27T07:00 | 19.4 | 0.08145 |
| 2025-07-27T08:15 | 21.0 | 0.06905 |
| 2025-07-27T09:00 | 21.9 | 0.06635 |

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| 2025-07-27T10:00 | 22.3 | 0.04432 |
| 2025-07-27T11:00 | 23.2 | 0.01504 |
| 2025-07-27T12:15 | 24.0 | 0.00885 |
| 2025-07-27T13:15 | 23.6 | 0.01608 |
| 2025-07-27T14:00 | 23.9 | 0.04260 |
| 2025-07-27T15:00 | 23.5 | 0.06338 |
| 2025-07-27T16:15 | 23.5 | 0.05800 |
| 2025-07-27T17:00 | 23.2 | 0.09729 |
| 2025-07-27T18:15 | 22.5 | 0.10948 |
| 2025-07-27T19:00 | 22.1 | 0.09870 |
| 2025-07-27T20:15 | 20.5 | 0.10134 |
| 2025-07-27T21:00 | 19.9 | 0.09522 |
| 2025-07-27T22:00 | 19.1 | 0.08910 |
| 2025-07-27T23:00 | 18.5 | 0.07924 |
| 2025-07-28T01:00 | 17.6 | 0.07407 |
| 2025-07-28T03:30 | 17.4 | 0.06288 |
| 2025-07-28T04:30 | 17.3 | 0.07500 |
| 2025-07-28T05:15 | 17.4 | 0.11500 |
| 2025-07-28T06:15 | 17.6 | 0.09593 |
| 2025-07-28T07:15 | 18.6 | 0.08327 |
| 2025-07-28T08:15 | 18.8 | 0.07508 |
| 2025-07-28T09:15 | 20.5 | 0.07109 |
| 2025-07-28T10:15 | 21.1 | 0.06438 |
| 2025-07-28T11:00 | 21.7 | 0.06058 |
| 2025-07-28T12:15 | 21.1 | 0.05116 |
| 2025-07-28T13:30 | 21.1 | 0.05495 |
| 2025-07-28T14:15 | 22.1 | 0.05839 |
| 2025-07-28T15:15 | 23.5 | 0.06880 |
| 2025-07-28T16:15 | 23.2 | 0.08200 |
| 2025-07-28T17:15 | 22.7 | 0.09742 |
| 2025-07-28T18:15 | 21.9 | 0.11561 |
| 2025-07-28T19:00 | 21.2 | 0.11653 |
| 2025-07-28T20:15 | 20.2 | 0.10612 |
| 2025-07-28T21:00 | 19.4 | 0.08839 |
| 2025-07-28T22:00 | 18.5 | 0.08319 |
| 2025-07-28T23:00 | 17.9 | 0.07795 |
| 2025-07-29T01:00 | 16.4 | 0.07536 |
| 2025-07-29T03:45 | 14.6 | 0.08517 |
| 2025-07-29T04:30 | 14.8 | 0.09688 |
| 2025-07-29T05:15 | 15.0 | 0.10582 |
| 2025-07-29T06:15 | 16.0 | 0.09902 |
| 2025-07-29T07:15 | 17.5 | 0.07413 |
| 2025-07-29T08:15 | 18.8 | 0.05867 |
| 2025-07-29T09:15 | 19.8 | 0.04898 |
| 2025-07-29T10:15 | 20.2 | 0.02577 |
| 2025-07-29T11:00 | 20.6 | 0.00460 |
| 2025-07-29T12:15 | 21.3 | 0.00203 |
| 2025-07-29T13:30 | 20.9 | 0.00709 |
| 2025-07-29T14:15 | 20.9 | 0.04137 |
| 2025-07-29T15:15 | 20.6 | 0.07483 |
| 2025-07-29T16:15 | 20.6 | 0.08885 |
| 2025-07-29T17:15 | 20.3 | 0.10804 |

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| 2025-07-29T18:15 | 20.0 | 0.12921 |
| 2025-07-29T19:15 | 19.0 | 0.12743 |
| 2025-07-29T20:15 | 18.2 | 0.11234 |
| 2025-07-29T21:00 | 17.6 | 0.10300 |
| 2025-07-29T22:00 | 16.8 | 0.08999 |
| 2025-07-29T23:00 | 15.9 | 0.08601 |
| 2025-07-30T01:00 | 15.4 | 0.07199 |
| 2025-07-30T03:30 | 14.8 | 0.08055 |
| 2025-07-30T04:30 | 14.5 | 0.09350 |
| 2025-07-30T05:15 | 14.8 | 0.09293 |
| 2025-07-30T06:15 | 15.7 | 0.09545 |
| 2025-07-30T07:15 | 17.0 | 0.08010 |
| 2025-07-30T08:15 | 18.3 | 0.06220 |
| 2025-07-30T09:15 | 19.6 | 0.04035 |
| 2025-07-30T10:15 | 20.6 | 0.02479 |
| 2025-07-30T11:00 | 21.2 | 0.01769 |
| 2025-07-30T12:15 | 22.4 | 0.01070 |
| 2025-07-30T13:30 | 22.8 | 0.02697 |
| 2025-07-30T14:15 | 22.8 | 0.03893 |
| 2025-07-30T15:15 | 23.2 | 0.06403 |
| 2025-07-30T16:15 | 23.0 | 0.08003 |
| 2025-07-30T17:00 | 22.6 | 0.10271 |
| 2025-07-30T18:15 | 21.1 | 0.11297 |
| 2025-07-30T19:15 | 18.3 | 0.11045 |
| 2025-07-30T20:00 | 19.1 | 0.10420 |
| 2025-07-30T21:00 | 18.2 | 0.09302 |
| 2025-07-30T22:00 | 17.5 | 0.08960 |
| 2025-07-30T23:00 | 17.2 | 0.08319 |
| 2025-07-31T01:00 | 16.7 | 0.07810 |
| 2025-07-31T03:15 | 15.2 | 0.08146 |
| 2025-07-31T04:30 | 15.1 | 0.09946 |
| 2025-07-31T05:15 | 15.4 | 0.10051 |
| 2025-07-31T06:15 | 15.8 | 0.09411 |
| 2025-07-31T07:15 | 15.9 | 0.09089 |
| 2025-07-31T08:15 | 16.8 | 0.06894 |
| 2025-07-31T09:15 | 17.5 | 0.06384 |
| 2025-07-31T10:15 | 16.9 | 0.05680 |
| 2025-07-31T11:00 | 16.8 | 0.04130 |
| 2025-07-31T12:15 | 17.5 | 0.03239 |
| 2025-07-31T13:30 | 18.5 | 0.04789 |
| 2025-07-31T14:15 | 18.6 | 0.06675 |
| 2025-07-31T15:15 | 18.8 | 0.08234 |
| 2025-07-31T16:15 | 18.2 | 0.09493 |
| 2025-07-31T17:15 | 18.4 | 0.11400 |
| 2025-07-31T18:15 | 18.1 | 0.13010 |
| 2025-07-31T19:15 | 17.5 | 0.12571 |
| 2025-07-31T20:15 | 17.1 | 0.11439 |
| 2025-07-31T21:00 | 17.0 | 0.10300 |
| 2025-07-31T22:00 | 16.6 | 0.10485 |
| 2025-07-31T23:00 | 16.7 | 0.09706 |
| 2025-08-01T01:15 | 16.4 | 0.08466 |
| 2025-08-01T03:45 | 15.7 | 0.08486 |

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| 2025-08-01T04:45 | 15.6 | 0.09296  |
| 2025-08-01T05:15 | 15.7 | 0.10442  |
| 2025-08-01T06:15 | 16.4 | 0.10664  |
| 2025-08-01T07:15 | 17.1 | 0.09280  |
| 2025-08-01T08:15 | 17.8 | 0.09540  |
| 2025-08-01T09:15 | 18.5 | 0.08153  |
| 2025-08-01T10:15 | 19.0 | 0.06484  |
| 2025-08-01T11:00 | 18.9 | 0.05179  |
| 2025-08-01T12:15 | 20.1 | 0.04129  |
| 2025-08-01T13:30 | 19.5 | 0.03959  |
| 2025-08-01T14:15 | 19.5 | 0.05584  |
| 2025-08-01T15:00 | 19.6 | 0.05613  |
| 2025-08-01T16:15 | 20.0 | 0.08150  |
| 2025-08-01T17:15 | 19.9 | 0.09531  |
| 2025-08-01T18:15 | 19.7 | 0.10472  |
| 2025-08-01T19:00 | 19.4 | 0.11235  |
| 2025-08-01T20:15 | 18.6 | 0.10758  |
| 2025-08-01T21:00 | 18.0 | 0.10011  |
| 2025-08-01T22:00 | 17.6 | 0.10077  |
| 2025-08-01T23:00 | 16.8 | 0.08746  |
| 2025-08-02T01:00 | 16.1 | 0.07228  |
| 2025-08-02T03:15 | 15.6 | 0.06981  |
| 2025-08-02T05:15 | 16.2 | 0.06806  |
| 2025-08-02T06:15 | 16.6 | 0.05900  |
| 2025-08-02T07:00 | 16.9 | 0.04982  |
| 2025-08-02T08:15 | 18.6 | 0.02722  |
| 2025-08-02T09:15 | 19.1 | 0.00568  |
| 2025-08-02T10:00 | 19.5 | 0.00295  |
| 2025-08-02T14:00 | 20.0 | 0.00389  |
| 2025-08-02T15:00 | 22.8 | 0.04695  |
| 2025-08-02T16:15 | 21.6 | 0.07641  |
| 2025-08-02T17:00 | 22.2 | 0.10597  |
| 2025-08-02T18:15 | 21.7 | 0.11335  |
| 2025-08-02T19:00 | 21.2 | 0.10927  |
| 2025-08-02T20:00 | 20.5 | 0.10483  |
| 2025-08-02T21:00 | 19.8 | 0.09642  |
| 2025-08-02T22:00 | 19.2 | 0.08551  |
| 2025-08-02T23:00 | 17.6 | 0.07707  |
| 2025-08-03T01:00 | 16.1 | 0.06408  |
| 2025-08-03T03:45 | 14.8 | 0.05649  |
| 2025-08-03T04:30 | 15.0 | 0.04510  |
| 2025-08-03T05:15 | 15.4 | 0.02720  |
| 2025-08-03T06:15 | 16.2 | 0.00616  |
| 2025-08-03T08:15 | 17.4 | -0.00101 |
| 2025-08-03T09:00 | 17.4 | -0.00210 |
| 2025-08-03T10:15 | 18.0 | -0.00300 |
| 2025-08-03T11:00 | 18.3 | -0.00990 |
| 2025-08-03T12:15 | 19.3 | -0.01008 |
| 2025-08-03T13:15 | 19.1 | -0.00498 |
| 2025-08-03T14:00 | 19.2 | -0.00150 |
| 2025-08-03T15:00 | 18.0 | 0.00271  |
| 2025-08-03T16:15 | 17.5 | 0.03846  |

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| 2025-08-03T17:00 | 17.0 | 0.08634  |
| 2025-08-03T18:15 | 16.7 | 0.09952  |
| 2025-08-03T19:00 | 16.5 | 0.09605  |
| 2025-08-03T20:00 | 16.5 | 0.09735  |
| 2025-08-03T21:00 | 16.1 | 0.08509  |
| 2025-08-03T22:00 | 15.8 | 0.08102  |
| 2025-08-03T23:00 | 15.8 | 0.07007  |
| 2025-08-04T01:00 | 15.4 | 0.07827  |
| 2025-08-04T03:45 | 15.2 | 0.08418  |
| 2025-08-04T04:45 | 15.1 | 0.09655  |
| 2025-08-04T05:30 | 15.1 | 0.10651  |
| 2025-08-04T06:15 | 15.2 | 0.10506  |
| 2025-08-04T07:15 | 16.0 | 0.09705  |
| 2025-08-04T08:15 | 17.6 | 0.06600  |
| 2025-08-04T09:15 | 19.6 | 0.03346  |
| 2025-08-04T10:15 | 20.1 | 0.01049  |
| 2025-08-04T11:00 | 19.5 | 0.00405  |
| 2025-08-04T12:15 | 20.0 | 0.00065  |
| 2025-08-04T13:30 | 21.0 | -0.00065 |
| 2025-08-04T14:15 | 21.6 | 0.00557  |
| 2025-08-04T15:15 | 22.6 | 0.01669  |
| 2025-08-04T16:15 | 23.0 | 0.04539  |
| 2025-08-04T17:15 | 23.1 | 0.07312  |
| 2025-08-04T18:15 | 22.5 | 0.07505  |
| 2025-08-04T19:15 | 21.1 | 0.07377  |
| 2025-08-04T20:15 | 20.4 | 0.06705  |
| 2025-08-04T21:00 | 20.2 | 0.04891  |
| 2025-08-04T22:00 | 19.9 | 0.01414  |
| 2025-08-04T23:00 | 19.6 | 0.01140  |
| 2025-08-05T01:00 | 19.2 | 0.01780  |
| 2025-08-05T03:30 | 18.8 | 0.03319  |
| 2025-08-05T04:30 | 18.8 | 0.04027  |
| 2025-08-05T05:15 | 18.9 | 0.04145  |
| 2025-08-05T06:15 | 19.0 | 0.03474  |
| 2025-08-05T07:15 | 19.1 | 0.00167  |
| 2025-08-05T08:15 | 19.8 | -0.00255 |
| 2025-08-05T09:15 | 18.5 | -0.00658 |
| 2025-08-05T10:15 | 17.6 | -0.01420 |
| 2025-08-05T11:00 | 17.1 | -0.03530 |
| 2025-08-05T12:15 | 18.3 | -0.02576 |
| 2025-08-05T13:30 | 18.9 | -0.01470 |
| 2025-08-05T14:15 | 19.5 | -0.01415 |
| 2025-08-05T15:15 | 20.5 | -0.00171 |
| 2025-08-05T16:15 | 20.8 | 0.00131  |
| 2025-08-05T17:00 | 20.4 | 0.05826  |
| 2025-08-05T18:15 | 19.5 | 0.08111  |
| 2025-08-05T19:15 | 18.9 | 0.09321  |
| 2025-08-05T20:15 | 17.5 | 0.09036  |
| 2025-08-05T21:00 | 16.6 | 0.07852  |
| 2025-08-05T22:15 | 15.6 | 0.07675  |
| 2025-08-05T23:15 | 15.1 | 0.04874  |
| 2025-08-06T01:00 | 14.1 | 0.04418  |

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|------------------|------|----------|
| 2025-08-06T03:30 | 12.8 | 0.06588  |
| 2025-08-06T04:30 | 12.6 | 0.10576  |
| 2025-08-06T05:15 | 12.7 | 0.10391  |
| 2025-08-06T06:15 | 13.7 | 0.09000  |
| 2025-08-06T07:15 | 15.0 | 0.03057  |
| 2025-08-06T08:15 | 16.7 | -0.00001 |
| 2025-08-06T09:15 | 17.9 | -0.00100 |
| 2025-08-06T11:00 | 20.0 | -0.00220 |
| 2025-08-06T12:15 | 21.1 | -0.00102 |
| 2025-08-06T13:30 | 21.6 | 0.00015  |
| 2025-08-06T14:15 | 21.6 | 0.00194  |
| 2025-08-06T15:15 | 21.6 | 0.05205  |
| 2025-08-06T16:15 | 21.5 | 0.09267  |
| 2025-08-06T17:15 | 21.4 | 0.10951  |
| 2025-08-06T18:15 | 20.8 | 0.13901  |
| 2025-08-06T19:00 | 20.0 | 0.15451  |
| 2025-08-06T20:15 | 19.1 | 0.11000  |
| 2025-08-06T21:00 | 18.5 | 0.09858  |
| 2025-08-06T22:15 | 17.5 | 0.09591  |
| 2025-08-06T23:00 | 16.5 | 0.08375  |
| 2025-08-07T01:00 | 15.2 | 0.06857  |
| 2025-08-07T03:30 | 14.6 | 0.06426  |
| 2025-08-07T04:30 | 14.3 | 0.07149  |
| 2025-08-07T05:15 | 14.6 | 0.08704  |
| 2025-08-07T06:15 | 15.5 | 0.08544  |
| 2025-08-07T07:15 | 17.1 | 0.07390  |
| 2025-08-07T08:15 | 19.0 | 0.02223  |
| 2025-08-07T10:15 | 21.9 | -0.00003 |
| 2025-08-07T11:00 | 22.9 | -0.00018 |
| 2025-08-07T12:15 | 24.0 | -0.00019 |
| 2025-08-07T13:30 | 25.0 | -0.00001 |
| 2025-08-07T14:15 | 25.2 | 0.00200  |
| 2025-08-07T15:15 | 25.4 | 0.05649  |
| 2025-08-07T16:15 | 25.6 | 0.08057  |
| 2025-08-07T17:15 | 25.2 | 0.10310  |
| 2025-08-07T18:15 | 24.5 | 0.11605  |
| 2025-08-07T19:15 | 23.5 | 0.11830  |
| 2025-08-07T20:15 | 22.2 | 0.11000  |
| 2025-08-07T21:00 | 21.3 | 0.10128  |
| 2025-08-07T22:15 | 20.5 | 0.08251  |
| 2025-08-07T23:00 | 19.8 | 0.07560  |
| 2025-08-08T01:00 | 19.5 | 0.06544  |
| 2025-08-08T03:30 | 18.1 | 0.07944  |
| 2025-08-08T04:30 | 18.4 | 0.09075  |
| 2025-08-08T05:15 | 18.7 | 0.09715  |
| 2025-08-08T06:15 | 19.4 | 0.10046  |
| 2025-08-08T07:15 | 20.5 | 0.08828  |
| 2025-08-08T08:15 | 21.9 | 0.06517  |
| 2025-08-08T09:15 | 22.6 | 0.00839  |
| 2025-08-08T11:00 | 25.0 | -0.00001 |
| 2025-08-08T12:15 | 26.3 | -0.00002 |
| 2025-08-08T13:30 | 27.6 | -0.00001 |

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|------------------|------|----------|
| 2025-08-08T14:15 | 27.7 | 0.01049  |
| 2025-08-08T15:15 | 27.5 | 0.06051  |
| 2025-08-08T16:15 | 26.8 | 0.08452  |
| 2025-08-08T17:00 | 26.5 | 0.10885  |
| 2025-08-08T18:15 | 25.3 | 0.12668  |
| 2025-08-08T19:00 | 24.5 | 0.12462  |
| 2025-08-08T20:15 | 23.2 | 0.11000  |
| 2025-08-08T21:00 | 22.5 | 0.10174  |
| 2025-08-08T22:00 | 21.6 | 0.09355  |
| 2025-08-08T23:15 | 20.5 | 0.08424  |
| 2025-08-09T01:00 | 19.2 | 0.06812  |
| 2025-08-09T03:15 | 17.4 | 0.06882  |
| 2025-08-09T04:15 | 17.0 | 0.07990  |
| 2025-08-09T05:00 | 16.8 | 0.06994  |
| 2025-08-09T06:15 | 18.8 | 0.05731  |
| 2025-08-09T07:00 | 20.3 | 0.01534  |
| 2025-08-09T08:15 | 22.9 | -0.00002 |
| 2025-08-09T09:00 | 24.1 | -0.00100 |
| 2025-08-09T10:00 | 25.5 | -0.00705 |
| 2025-08-09T11:00 | 26.5 | -0.02396 |
| 2025-08-09T12:15 | 27.8 | -0.02449 |
| 2025-08-09T13:15 | 28.6 | -0.00434 |
| 2025-08-09T14:00 | 28.9 | -0.00005 |
| 2025-08-09T15:00 | 29.1 | 0.00330  |
| 2025-08-09T16:15 | 29.3 | 0.05499  |
| 2025-08-09T17:00 | 29.5 | 0.08584  |
| 2025-08-09T18:15 | 28.4 | 0.10488  |
| 2025-08-09T19:00 | 27.4 | 0.10006  |
| 2025-08-09T20:00 | 26.4 | 0.09700  |
| 2025-08-09T21:00 | 24.8 | 0.09393  |
| 2025-08-09T22:00 | 23.5 | 0.08540  |
| 2025-08-09T23:00 | 22.4 | 0.08463  |
| 2025-08-10T01:00 | 20.4 | 0.08047  |
| 2025-08-10T03:30 | 17.5 | 0.08700  |
| 2025-08-10T04:30 | 17.3 | 0.08548  |
| 2025-08-10T05:15 | 16.9 | 0.07660  |
| 2025-08-10T06:15 | 17.1 | 0.02711  |
| 2025-08-10T07:00 | 17.7 | -0.00001 |
| 2025-08-10T08:15 | 19.6 | -0.00264 |
| 2025-08-10T09:00 | 20.1 | -0.01560 |
| 2025-08-10T10:00 | 21.6 | -0.06963 |
| 2025-08-10T11:00 | 22.5 | -0.06325 |
| 2025-08-10T12:15 | 23.8 | -0.05097 |
| 2025-08-10T13:15 | 24.2 | -0.02143 |
| 2025-08-10T14:00 | 24.5 | -0.00119 |
| 2025-08-10T15:00 | 24.9 | 0.00194  |
| 2025-08-10T16:15 | 24.5 | 0.07498  |
| 2025-08-10T17:00 | 23.6 | 0.09264  |
| 2025-08-10T18:15 | 22.6 | 0.11997  |
| 2025-08-10T19:00 | 21.7 | 0.11580  |
| 2025-08-10T20:00 | 21.0 | 0.10099  |
| 2025-08-10T21:00 | 20.0 | 0.09320  |



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| 2025-08-10T22:00 | 18.4 | 0.07102 |
| 2025-08-10T23:00 | 17.2 | 0.07000 |
| 2025-08-11T01:00 | 16.2 | 0.07020 |
| 2025-08-11T03:15 | 14.9 | 0.07370 |
| 2025-08-11T04:30 | 14.2 | 0.09860 |
| 2025-08-11T05:15 | 14.6 | 0.10164 |
| 2025-08-11T06:15 | 15.9 | 0.09169 |
| 2025-08-11T07:15 | 17.8 | 0.08566 |
| 2025-08-11T08:15 | 20.0 | 0.05010 |
| 2025-08-11T09:15 | 21.7 | 0.00254 |
| 2025-08-11T13:30 | 25.6 | 0.00900 |
| 2025-08-11T14:15 | 26.1 | 0.04917 |
| 2025-08-11T15:00 | 26.1 | 0.07213 |
| 2025-08-11T16:15 | 25.9 | 0.09736 |
| 2025-08-11T17:15 | 25.8 | 0.13281 |
| 2025-08-11T18:15 | 25.0 | 0.15749 |
| 2025-08-11T19:15 | 23.4 | 0.13890 |
| 2025-08-11T20:00 | 22.5 | 0.10887 |
| 2025-08-11T21:00 | 21.8 | 0.09600 |
| 2025-08-11T22:00 | 20.8 | 0.09300 |
| 2025-08-11T23:00 | 20.0 | 0.08967 |
| 2025-08-12T01:00 | 18.6 | 0.08144 |
| 2025-08-12T03:00 | 16.9 | 0.07746 |
| 2025-08-12T04:15 | 16.5 | 0.08788 |
| 2025-08-12T05:00 | 16.6 | 0.10463 |
| 2025-08-12T06:15 | 18.1 | 0.09865 |
| 2025-08-12T07:00 | 19.5 | 0.09276 |
| 2025-08-12T08:15 | 22.3 | 0.08039 |
| 2025-08-12T09:15 | 24.2 | 0.04094 |
| 2025-08-12T10:00 | 25.5 | 0.00838 |
| 2025-08-12T11:00 | 27.0 | 0.00300 |
| 2025-08-12T12:15 | 28.2 | 0.00515 |
| 2025-08-12T13:30 | 29.0 | 0.03505 |
| 2025-08-12T14:00 | 29.1 | 0.06749 |
| 2025-08-12T15:00 | 29.3 | 0.09431 |
| 2025-08-12T16:15 | 29.0 | 0.09791 |
| 2025-08-12T17:00 | 28.9 | 0.14900 |
| 2025-08-12T18:15 | 27.1 | 0.15600 |
| 2025-08-12T19:00 | 26.0 | 0.14055 |
| 2025-08-12T20:15 | 24.5 | 0.12300 |
| 2025-08-12T21:00 | 23.8 | 0.10230 |
| 2025-08-12T22:00 | 22.7 | 0.10000 |
| 2025-08-12T23:00 | 21.2 | 0.09000 |
| 2025-08-13T01:00 | 19.9 | 0.08471 |
| 2025-08-13T03:15 | 18.3 | 0.09298 |
| 2025-08-13T04:15 | 18.0 | 0.10630 |
| 2025-08-13T05:15 | 18.2 | 0.10500 |
| 2025-08-13T06:15 | 18.9 | 0.10591 |
| 2025-08-13T07:15 | 20.3 | 0.09321 |
| 2025-08-13T08:15 | 21.9 | 0.08926 |
| 2025-08-13T09:15 | 24.0 | 0.06900 |
| 2025-08-13T10:00 | 25.5 | 0.06348 |

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| 2025-08-13T11:00 | 28.0 | 0.04473 |
| 2025-08-13T12:15 | 30.5 | 0.04334 |
| 2025-08-13T13:30 | 31.9 | 0.07090 |
| 2025-08-13T14:00 | 32.0 | 0.08430 |
| 2025-08-13T15:00 | 32.2 | 0.09664 |
| 2025-08-13T16:00 | 31.5 | 0.11549 |
| 2025-08-13T17:00 | 30.5 | 0.16773 |
| 2025-08-13T18:15 | 28.7 | 0.20892 |
| 2025-08-13T19:00 | 27.6 | 0.15456 |
| 2025-08-13T20:00 | 26.5 | 0.12321 |
| 2025-08-13T21:00 | 25.0 | 0.10627 |
| 2025-08-13T22:00 | 23.7 | 0.09810 |
| 2025-08-13T23:00 | 22.6 | 0.09200 |
| 2025-08-14T01:00 | 21.2 | 0.08435 |
| 2025-08-14T03:15 | 20.3 | 0.08668 |
| 2025-08-14T04:15 | 20.0 | 0.09391 |
| 2025-08-14T05:00 | 20.1 | 0.10677 |
| 2025-08-14T06:15 | 21.5 | 0.09940 |
| 2025-08-14T07:15 | 23.6 | 0.09104 |
| 2025-08-14T08:15 | 25.5 | 0.08104 |
| 2025-08-14T09:15 | 27.5 | 0.06742 |
| 2025-08-14T10:15 | 29.4 | 0.05395 |
| 2025-08-14T11:00 | 31.1 | 0.04096 |
| 2025-08-14T12:15 | 32.2 | 0.05490 |
| 2025-08-14T13:30 | 33.0 | 0.06943 |
| 2025-08-14T14:00 | 33.3 | 0.07899 |
| 2025-08-14T15:15 | 33.3 | 0.08954 |
| 2025-08-14T16:15 | 33.2 | 0.10693 |
| 2025-08-14T17:00 | 32.8 | 0.16600 |
| 2025-08-14T18:15 | 31.5 | 0.22180 |
| 2025-08-14T19:00 | 30.4 | 0.15658 |
| 2025-08-14T20:15 | 28.8 | 0.12073 |
| 2025-08-14T21:00 | 27.9 | 0.10595 |
| 2025-08-14T22:00 | 26.6 | 0.09413 |
| 2025-08-14T23:00 | 25.4 | 0.08993 |
| 2025-08-15T01:00 | 23.7 | 0.08470 |
| 2025-08-15T03:15 | 22.3 | 0.08470 |
| 2025-08-15T04:15 | 21.9 | 0.09086 |
| 2025-08-15T05:15 | 22.1 | 0.09179 |
| 2025-08-15T06:15 | 23.2 | 0.09814 |
| 2025-08-15T07:15 | 25.1 | 0.08550 |
| 2025-08-15T08:15 | 27.0 | 0.04194 |
| 2025-08-15T09:00 | 28.5 | 0.00300 |
| 2025-08-15T10:15 | 30.9 | 0.00008 |
| 2025-08-15T13:15 | 33.8 | 0.00172 |
| 2025-08-15T14:00 | 33.9 | 0.02489 |
| 2025-08-15T15:00 | 33.3 | 0.05040 |
| 2025-08-15T16:15 | 32.2 | 0.07837 |
| 2025-08-15T17:00 | 31.2 | 0.11531 |
| 2025-08-15T18:15 | 29.2 | 0.12494 |
| 2025-08-15T19:00 | 27.4 | 0.11213 |
| 2025-08-15T20:15 | 25.4 | 0.10613 |

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| 2025-08-15T21:00 | 24.5 | 0.09612  |
| 2025-08-15T22:00 | 23.5 | 0.09758  |
| 2025-08-15T23:00 | 22.7 | 0.09213  |
| 2025-08-16T01:00 | 20.8 | 0.07232  |
| 2025-08-16T02:30 | 19.5 | 0.06669  |
| 2025-08-16T03:30 | 18.7 | 0.07240  |
| 2025-08-16T04:15 | 18.4 | 0.07674  |
| 2025-08-16T05:00 | 18.6 | 0.07263  |
| 2025-08-16T06:15 | 19.1 | 0.08277  |
| 2025-08-16T07:00 | 19.4 | 0.08176  |
| 2025-08-16T08:15 | 20.2 | 0.02690  |
| 2025-08-16T09:00 | 20.8 | 0.00380  |
| 2025-08-16T10:00 | 21.7 | 0.00017  |
| 2025-08-16T11:00 | 21.5 | -0.00001 |
| 2025-08-16T14:00 | 24.7 | 0.00187  |
| 2025-08-16T15:00 | 24.8 | 0.01843  |
| 2025-08-16T16:00 | 24.0 | 0.06916  |
| 2025-08-16T17:00 | 23.5 | 0.09151  |
| 2025-08-16T18:15 | 22.4 | 0.10453  |
| 2025-08-16T19:00 | 21.6 | 0.10141  |
| 2025-08-16T20:00 | 20.1 | 0.09505  |
| 2025-08-16T21:00 | 18.8 | 0.08871  |
| 2025-08-16T22:00 | 17.9 | 0.09274  |
| 2025-08-16T23:00 | 17.5 | 0.08690  |
| 2025-08-17T01:00 | 15.2 | 0.07411  |
| 2025-08-17T03:15 | 13.6 | 0.07776  |
| 2025-08-17T04:15 | 13.1 | 0.07269  |
| 2025-08-17T05:00 | 13.2 | 0.07280  |
| 2025-08-17T06:15 | 13.8 | 0.07872  |
| 2025-08-17T07:00 | 14.4 | 0.03745  |
| 2025-08-17T08:15 | 15.8 | 0.00980  |
| 2025-08-17T09:00 | 16.9 | 0.00164  |
| 2025-08-17T10:00 | 18.2 | 0.00123  |
| 2025-08-17T11:00 | 19.4 | 0.00044  |
| 2025-08-17T12:15 | 20.5 | 0.00058  |
| 2025-08-17T13:15 | 21.4 | 0.00065  |
| 2025-08-17T14:00 | 21.8 | 0.00859  |
| 2025-08-17T15:00 | 22.0 | 0.07133  |
| 2025-08-17T16:15 | 22.5 | 0.07722  |
| 2025-08-17T17:00 | 22.7 | 0.10508  |
| 2025-08-17T18:15 | 22.3 | 0.11006  |
| 2025-08-17T19:00 | 21.7 | 0.10959  |
| 2025-08-17T20:00 | 20.8 | 0.10418  |
| 2025-08-17T21:00 | 18.6 | 0.10078  |
| 2025-08-17T22:00 | 18.1 | 0.09199  |
| 2025-08-17T23:00 | 16.8 | 0.08024  |
| 2025-08-18T01:00 | 15.9 | 0.08163  |
| 2025-08-18T03:15 | 14.5 | 0.08136  |
| 2025-08-18T04:30 | 13.9 | 0.10200  |
| 2025-08-18T05:15 | 14.2 | 0.12813  |
| 2025-08-18T06:15 | 15.4 | 0.11900  |
| 2025-08-18T07:15 | 17.1 | 0.09339  |

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| 2025-08-18T08:15 | 18.5 | 0.08626 |
| 2025-08-18T09:15 | 19.9 | 0.04593 |
| 2025-08-18T10:15 | 21.1 | 0.02004 |
| 2025-08-18T11:00 | 22.2 | 0.01423 |
| 2025-08-18T12:15 | 23.4 | 0.01834 |
| 2025-08-18T13:30 | 24.4 | 0.05456 |
| 2025-08-18T14:00 | 24.4 | 0.07098 |
| 2025-08-18T15:00 | 24.5 | 0.08678 |
| 2025-08-18T16:15 | 24.0 | 0.10186 |
| 2025-08-18T17:00 | 23.8 | 0.13188 |
| 2025-08-18T18:15 | 22.8 | 0.15312 |
| 2025-08-18T19:00 | 22.0 | 0.12479 |
| 2025-08-18T20:15 | 21.0 | 0.10490 |
| 2025-08-18T21:00 | 20.3 | 0.08682 |
| 2025-08-18T22:00 | 19.6 | 0.09702 |
| 2025-08-18T23:00 | 18.8 | 0.08578 |
| 2025-08-19T01:00 | 17.8 | 0.07633 |
| 2025-08-19T02:30 | 16.6 | 0.07778 |
| 2025-08-19T03:30 | 16.2 | 0.08908 |
| 2025-08-19T04:15 | 15.9 | 0.09864 |
| 2025-08-19T05:00 | 15.4 | 0.10886 |
| 2025-08-19T06:15 | 16.7 | 0.09805 |
| 2025-08-19T07:00 | 18.0 | 0.08857 |
| 2025-08-19T08:15 | 20.5 | 0.06964 |
| 2025-08-19T09:00 | 21.5 | 0.04323 |
| 2025-08-19T10:00 | 22.6 | 0.02512 |
| 2025-08-19T11:00 | 24.1 | 0.01342 |
| 2025-08-19T12:15 | 25.2 | 0.01502 |
| 2025-08-19T13:15 | 25.9 | 0.04054 |
| 2025-08-19T14:00 | 26.3 | 0.05818 |
| 2025-08-19T15:15 | 26.5 | 0.07486 |
| 2025-08-19T16:15 | 26.5 | 0.07423 |
| 2025-08-19T17:00 | 26.2 | 0.10673 |
| 2025-08-19T18:15 | 25.9 | 0.11059 |
| 2025-08-19T19:00 | 25.2 | 0.10363 |
| 2025-08-19T20:00 | 24.1 | 0.10078 |
| 2025-08-19T21:00 | 22.7 | 0.08993 |
| 2025-08-19T22:00 | 21.5 | 0.09059 |
| 2025-08-19T23:00 | 21.3 | 0.08394 |
| 2025-08-20T00:45 | 17.8 | 0.07731 |
| 2025-08-20T02:30 | 16.6 | 0.07983 |
| 2025-08-20T03:30 | 16.2 | 0.08733 |
| 2025-08-20T04:15 | 16.1 | 0.09099 |
| 2025-08-20T05:00 | 16.1 | 0.10300 |
| 2025-08-20T06:15 | 16.4 | 0.10498 |
| 2025-08-20T07:00 | 17.5 | 0.08875 |
| 2025-08-20T08:15 | 18.8 | 0.08280 |
| 2025-08-20T09:00 | 19.5 | 0.06765 |
| 2025-08-20T10:00 | 21.0 | 0.04905 |
| 2025-08-20T11:00 | 21.9 | 0.03500 |
| 2025-08-20T12:15 | 23.0 | 0.03614 |
| 2025-08-20T13:15 | 23.5 | 0.04730 |

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| 2025-08-20T14:00 | 24.0 | 0.05142 |
| 2025-08-20T15:00 | 23.1 | 0.06563 |
| 2025-08-20T16:15 | 23.1 | 0.09900 |
| 2025-08-20T17:00 | 22.2 | 0.11913 |
| 2025-08-20T18:15 | 20.8 | 0.12290 |
| 2025-08-20T19:00 | 19.4 | 0.11089 |
| 2025-08-20T20:00 | 17.8 | 0.10157 |
| 2025-08-20T21:15 | 16.3 | 0.09041 |
| 2025-08-20T22:00 | 15.6 | 0.07188 |
| 2025-08-20T23:00 | 15.5 | 0.06500 |
| 2025-08-21T00:45 | 14.4 | 0.07532 |
| 2025-08-21T02:15 | 13.1 | 0.07882 |
| 2025-08-21T03:30 | 12.2 | 0.08980 |
| 2025-08-21T04:15 | 11.9 | 0.09308 |
| 2025-08-21T05:15 | 11.6 | 0.11180 |
| 2025-08-21T06:15 | 12.6 | 0.09196 |
| 2025-08-21T07:15 | 14.4 | 0.08342 |
| 2025-08-21T08:15 | 16.7 | 0.06840 |
| 2025-08-21T09:00 | 18.0 | 0.05840 |
| 2025-08-21T10:00 | 19.5 | 0.05086 |
| 2025-08-21T11:00 | 21.5 | 0.03171 |
| 2025-08-21T12:15 | 22.6 | 0.02829 |
| 2025-08-21T13:15 | 23.1 | 0.03768 |
| 2025-08-21T14:00 | 23.6 | 0.05299 |
| 2025-08-21T15:00 | 23.6 | 0.04516 |
| 2025-08-21T17:00 | 22.4 | 0.10044 |
| 2025-08-21T18:15 | 21.1 | 0.11515 |
| 2025-08-21T19:00 | 19.2 | 0.11310 |
| 2025-08-21T21:00 | 16.7 | 0.09870 |
| 2025-08-21T22:00 | 15.9 | 0.09068 |
| 2025-08-21T23:00 | 15.7 | 0.08385 |
| 2025-08-22T00:45 | 14.7 | 0.08042 |
| 2025-08-22T02:30 | 12.6 | 0.08048 |
| 2025-08-22T03:30 | 12.0 | 0.07719 |
| 2025-08-22T04:15 | 11.5 | 0.10420 |
| 2025-08-22T05:00 | 11.4 | 0.10596 |
| 2025-08-22T06:15 | 12.1 | 0.10407 |
| 2025-08-22T07:00 | 12.9 | 0.10104 |
| 2025-08-22T08:15 | 15.4 | 0.10282 |
| 2025-08-22T09:15 | 17.6 | 0.09246 |
| 2025-08-22T10:00 | 18.4 | 0.05967 |
| 2025-08-22T11:00 | 18.9 | 0.04330 |
| 2025-08-22T12:15 | 19.4 | 0.02773 |
| 2025-08-22T13:15 | 19.4 | 0.02700 |
| 2025-08-22T14:00 | 18.8 | 0.06100 |
| 2025-08-22T15:00 | 18.6 | 0.08900 |
| 2025-08-22T16:15 | 18.2 | 0.09685 |
| 2025-08-22T17:00 | 18.0 | 0.10772 |
| 2025-08-22T18:15 | 16.8 | 0.11367 |
| 2025-08-22T19:00 | 16.3 | 0.10804 |
| 2025-08-22T20:00 | 16.0 | 0.10320 |
| 2025-08-22T21:00 | 15.4 | 0.09437 |

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| 2025-08-22T22:00 | 15.1 | 0.09533  |
| 2025-08-22T23:00 | 14.6 | 0.08932  |
| 2025-08-23T00:45 | 13.9 | 0.08859  |
| 2025-08-23T02:15 | 13.7 | 0.08672  |
| 2025-08-23T03:30 | 13.4 | 0.08639  |
| 2025-08-23T04:15 | 13.1 | 0.08693  |
| 2025-08-23T05:00 | 13.0 | 0.08682  |
| 2025-08-23T06:15 | 13.4 | 0.09000  |
| 2025-08-23T07:00 | 13.7 | 0.07593  |
| 2025-08-23T08:00 | 14.2 | 0.02138  |
| 2025-08-23T09:00 | 14.9 | 0.00373  |
| 2025-08-23T10:15 | 16.1 | 0.00218  |
| 2025-08-23T11:00 | 16.6 | 0.00115  |
| 2025-08-23T12:15 | 14.9 | 0.00093  |
| 2025-08-23T13:15 | 15.4 | 0.00352  |
| 2025-08-23T14:00 | 15.4 | 0.01214  |
| 2025-08-23T15:00 | 15.9 | 0.06891  |
| 2025-08-23T16:00 | 16.2 | 0.09719  |
| 2025-08-23T17:00 | 15.9 | 0.11245  |
| 2025-08-23T18:15 | 15.3 | 0.12253  |
| 2025-08-23T19:00 | 14.6 | 0.12070  |
| 2025-08-23T20:00 | 14.1 | 0.11116  |
| 2025-08-23T21:00 | 13.4 | 0.10529  |
| 2025-08-23T22:00 | 12.6 | 0.10050  |
| 2025-08-23T23:00 | 11.6 | 0.09514  |
| 2025-08-24T01:00 | 11.1 | 0.09274  |
| 2025-08-24T03:15 | 10.1 | 0.09140  |
| 2025-08-24T04:15 | 9.8  | 0.09000  |
| 2025-08-24T05:00 | 9.6  | 0.08523  |
| 2025-08-24T06:15 | 10.6 | 0.08773  |
| 2025-08-24T07:00 | 11.6 | 0.00477  |
| 2025-08-24T08:15 | 14.1 | -0.00001 |
| 2025-08-24T09:00 | 15.4 | -0.00007 |
| 2025-08-24T10:00 | 17.0 | -0.00198 |
| 2025-08-24T11:00 | 17.8 | -0.00745 |
| 2025-08-24T12:15 | 18.6 | -0.00740 |
| 2025-08-24T13:15 | 19.0 | -0.00010 |
| 2025-08-24T15:00 | 18.9 | 0.04880  |
| 2025-08-24T16:00 | 18.2 | 0.09430  |
| 2025-08-24T17:00 | 17.9 | 0.11156  |
| 2025-08-24T18:15 | 17.2 | 0.11757  |
| 2025-08-24T19:00 | 16.6 | 0.11432  |
| 2025-08-24T20:00 | 16.0 | 0.10750  |
| 2025-08-24T21:00 | 15.2 | 0.10052  |
| 2025-08-24T22:00 | 14.4 | 0.09528  |
| 2025-08-24T23:00 | 13.8 | 0.08703  |
| 2025-08-25T01:00 | 12.4 | 0.08077  |
| 2025-08-25T03:00 | 11.2 | 0.08853  |
| 2025-08-25T04:15 | 10.9 | 0.11072  |
| 2025-08-25T05:00 | 11.6 | 0.12500  |
| 2025-08-25T06:15 | 12.1 | 0.11068  |
| 2025-08-25T07:15 | 12.8 | 0.09197  |