

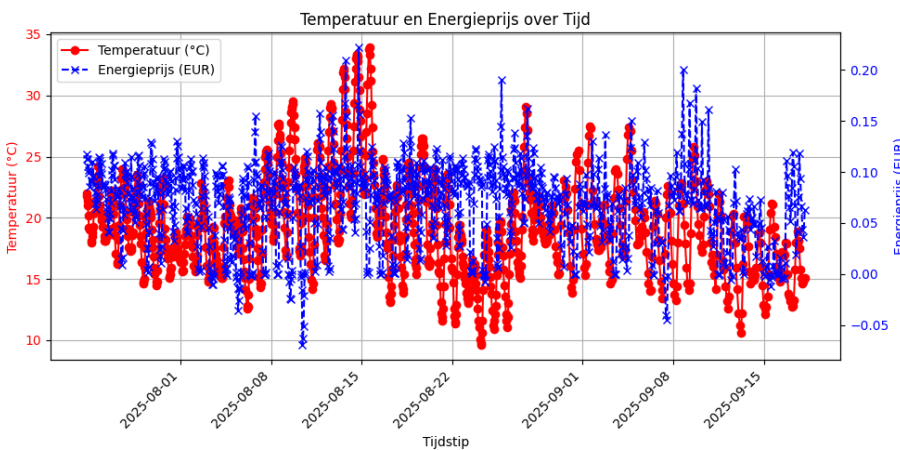
Analysis report

Generated on: 2025-09-18 05:07:50

Overview

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

Graph



Temperature vs Energy Price

Summary statistics

- **Temperature:** Mean = 19.5251, Std Dev = 4.23007
- **Energy Price:** Mean = 0.0692696, Std Dev = 0.040291
- **Correlation (Pearson):** -0.0083359

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

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

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

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

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

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

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

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

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

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

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

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

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

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

2025-08-25T08:15	13.7	0.07320
2025-08-25T09:15	15.3	0.03502
2025-08-25T10:00	15.8	0.01000
2025-08-25T11:00	17.0	0.00593
2025-08-25T12:15	18.0	0.00678
2025-08-25T13:15	18.9	0.02520
2025-08-25T14:00	19.1	0.05651
2025-08-25T15:00	19.6	0.08355
2025-08-25T16:15	19.7	0.10201
2025-08-25T17:00	19.6	0.14485
2025-08-25T18:15	18.9	0.18987
2025-08-25T20:00	17.6	0.11504
2025-08-25T21:00	16.9	0.10515
2025-08-25T22:00	15.8	0.09852
2025-08-25T23:00	14.5	0.09567
2025-08-26T01:00	13.6	0.08416
2025-08-26T02:30	12.1	0.08361
2025-08-26T03:30	11.6	0.07851
2025-08-26T05:00	11.1	0.10194
2025-08-26T06:15	11.9	0.10040
2025-08-26T07:00	13.0	0.09000
2025-08-26T08:15	15.4	0.07745
2025-08-26T09:15	17.1	0.06111
2025-08-26T10:00	18.1	0.04159
2025-08-26T11:00	19.5	0.02628
2025-08-26T12:15	20.6	0.03805
2025-08-26T13:15	21.2	0.06919
2025-08-26T15:00	21.8	0.09333
2025-08-26T16:15	21.6	0.09430
2025-08-26T17:00	22.1	0.12200
2025-08-26T18:15	21.4	0.13800
2025-08-26T19:00	20.4	0.12337
2025-08-26T20:15	18.9	0.10948
2025-08-26T21:00	18.1	0.09779
2025-08-26T22:00	17.2	0.09767
2025-08-26T23:00	16.4	0.09000
2025-08-27T00:45	15.9	0.08654
2025-08-27T02:15	15.6	0.08945
2025-08-27T03:30	15.3	0.09713
2025-08-27T05:00	15.1	0.11800
2025-08-27T06:15	16.1	0.11364
2025-08-27T07:00	16.9	0.10163
2025-08-27T08:15	19.0	0.08542
2025-08-27T09:00	20.1	0.07885
2025-08-27T11:00	23.8	0.05025
2025-08-27T12:15	25.8	0.05085
2025-08-27T13:15	27.4	0.07336
2025-08-27T15:00	29.1	0.09753
2025-08-27T17:00	28.5	0.13598
2025-08-27T18:15	27.2	0.16230
2025-08-27T20:15	23.2	0.11363
2025-08-27T21:00	22.8	0.10357

2025-08-27T22:00	22.1	0.09715
2025-08-27T23:00	21.5	0.09138
2025-08-28T00:45	20.4	0.08733
2025-08-28T02:15	19.0	0.08386
2025-08-28T03:30	18.6	0.08523
2025-08-28T05:00	18.1	0.12411
2025-08-28T06:15	18.9	0.11860
2025-08-28T07:15	19.9	0.09500
2025-08-28T08:15	20.6	0.09489
2025-08-28T09:00	21.7	0.08616
2025-08-28T10:15	21.8	0.07994
2025-08-28T12:15	21.0	0.07463
2025-08-28T13:15	21.6	0.07364
2025-08-28T15:00	21.8	0.05008
2025-08-28T16:15	20.9	0.07724
2025-08-28T17:00	20.2	0.09362
2025-08-28T18:15	20.0	0.10431
2025-08-28T20:00	19.4	0.09947
2025-08-28T21:00	19.2	0.08609
2025-08-28T22:00	18.9	0.08431
2025-08-28T23:00	18.6	0.07324
2025-08-29T00:45	18.2	0.07334
2025-08-29T02:15	18.1	0.06250
2025-08-29T03:30	17.9	0.06911
2025-08-29T05:00	18.0	0.07908
2025-08-29T06:15	18.1	0.08014
2025-08-29T08:15	18.7	0.06084
2025-08-29T09:15	18.6	0.05480
2025-08-29T10:00	18.6	0.04808
2025-08-29T12:15	19.6	0.04200
2025-08-29T13:15	20.1	0.05613
2025-08-29T15:00	21.0	0.07659
2025-08-29T16:15	21.0	0.06024
2025-08-29T18:15	20.4	0.09550
2025-08-29T20:00	19.0	0.09500
2025-08-29T22:00	17.7	0.08450
2025-08-29T23:00	16.9	0.07627
2025-08-30T00:45	16.4	0.07565
2025-08-30T02:15	15.4	0.06938
2025-08-30T03:15	15.4	0.06862
2025-08-30T05:00	15.5	0.07200
2025-08-30T06:15	16.3	0.07850
2025-08-30T08:15	19.4	0.02915
2025-08-30T14:00	23.1	0.00700
2025-08-30T15:00	21.6	0.05912
2025-08-30T16:00	22.5	0.07834
2025-08-30T18:15	22.0	0.09369
2025-08-30T20:00	20.6	0.06832
2025-08-30T22:00	18.8	0.04491
2025-08-31T01:00	16.1	0.03134
2025-08-31T03:00	14.3	0.04714
2025-08-31T04:00	13.9	0.04805

2025-08-31T06:15	14.9	0.02225
2025-08-31T08:15	19.0	0.00003
2025-08-31T10:00	22.4	-0.00007
2025-08-31T12:15	24.6	-0.00060
2025-08-31T14:00	25.2	0.01878
2025-08-31T16:00	25.5	0.06559
2025-08-31T18:15	23.9	0.08816
2025-08-31T20:00	21.1	0.08382
2025-08-31T22:00	19.1	0.07006
2025-09-01T01:00	17.1	0.06170
2025-09-01T03:15	15.9	0.07114
2025-09-01T04:15	15.3	0.06763
2025-09-01T06:15	16.2	0.09733
2025-09-01T08:15	21.1	0.04879
2025-09-01T10:15	24.5	0.03200
2025-09-01T12:15	26.7	0.02162
2025-09-01T14:00	27.5	0.03836
2025-09-01T16:00	27.3	0.06726
2025-09-01T18:15	22.2	0.13019
2025-09-01T20:00	21.4	0.09842
2025-09-01T22:00	19.5	0.06900
2025-09-02T00:45	18.3	0.06799
2025-09-02T02:15	18.1	0.06484
2025-09-02T03:30	17.8	0.06680
2025-09-02T05:00	17.4	0.10320
2025-09-02T06:15	17.4	0.11392
2025-09-02T08:15	17.7	0.04761
2025-09-02T10:15	17.6	0.06021
2025-09-02T12:30	19.8	0.03129
2025-09-02T14:00	21.0	0.04227
2025-09-02T16:15	21.1	0.08358
2025-09-02T18:15	19.5	0.13669
2025-09-02T20:00	18.6	0.07499
2025-09-02T22:00	18.2	0.07772
2025-09-03T00:45	16.2	0.03969
2025-09-03T02:15	15.6	0.03338
2025-09-03T04:00	14.6	0.04898
2025-09-03T06:15	14.9	0.06937
2025-09-03T08:15	18.7	0.01262
2025-09-03T10:00	21.6	-0.00018
2025-09-03T12:15	23.8	-0.00031
2025-09-03T14:00	24.0	-0.00001
2025-09-03T16:15	23.6	0.06210
2025-09-03T18:15	22.3	0.07786
2025-09-03T20:00	20.8	0.07580
2025-09-03T22:00	19.4	0.01984
2025-09-04T00:45	17.8	0.01430
2025-09-04T02:15	17.0	0.02679
2025-09-04T04:15	16.9	0.07178
2025-09-04T06:15	17.4	0.08454
2025-09-04T08:15	21.4	0.02736
2025-09-04T10:00	24.8	0.00320

2025-09-04T12:15	26.8	0.01487
2025-09-04T14:00	27.4	0.03793
2025-09-04T16:15	27.1	0.12339
2025-09-04T18:15	25.5	0.15011
2025-09-04T20:15	23.1	0.09771
2025-09-04T22:00	22.1	0.08835
2025-09-05T00:45	20.7	0.07174
2025-09-05T02:15	19.8	0.06817
2025-09-05T04:15	17.8	0.10096
2025-09-05T06:15	17.9	0.10911
2025-09-05T08:15	18.0	0.07567
2025-09-05T10:00	19.0	0.06381
2025-09-05T12:15	18.5	0.05544
2025-09-05T14:00	19.3	0.06980
2025-09-05T16:15	20.5	0.08011
2025-09-05T18:15	20.0	0.12885
2025-09-05T20:00	18.8	0.10174
2025-09-05T22:00	17.2	0.09373
2025-09-06T00:45	15.5	0.08307
2025-09-06T02:15	14.6	0.07529
2025-09-06T04:15	14.0	0.06712
2025-09-06T06:15	14.1	0.08499
2025-09-06T08:15	16.8	0.00871
2025-09-06T10:00	19.3	-0.00002
2025-09-06T12:15	21.0	-0.00099
2025-09-06T14:00	21.4	0.02972
2025-09-06T16:00	21.2	0.06135
2025-09-06T18:00	20.3	0.08178
2025-09-06T20:00	18.2	0.06005
2025-09-06T22:00	16.5	0.03352
2025-09-07T01:00	14.8	0.03140
2025-09-07T02:30	14.1	0.03115
2025-09-07T04:00	13.4	0.03060
2025-09-07T08:15	17.1	-0.00400
2025-09-07T10:15	20.0	-0.04002
2025-09-07T12:15	21.9	-0.04447
2025-09-07T14:00	22.6	-0.00244
2025-09-07T16:00	22.0	0.06752
2025-09-07T18:15	20.4	0.09655
2025-09-07T20:00	18.1	0.08672
2025-09-07T22:00	16.2	0.07641
2025-09-08T00:45	14.6	0.08065
2025-09-08T02:15	13.7	0.07243
2025-09-08T04:15	13.3	0.09523
2025-09-08T06:15	14.4	0.11930
2025-09-08T08:15	18.0	0.08583
2025-09-08T10:15	21.0	0.06219
2025-09-08T12:15	22.4	0.06201
2025-09-08T14:00	22.5	0.08535
2025-09-08T16:00	22.8	0.13700
2025-09-08T18:15	21.2	0.20016
2025-09-08T20:00	19.4	0.10804

2025-09-08T22:00	17.9	0.07900
2025-09-09T00:45	15.9	0.07713
2025-09-09T02:15	14.6	0.07070
2025-09-09T04:15	14.1	0.10252
2025-09-09T06:15	14.6	0.16783
2025-09-09T08:15	18.7	0.09411
2025-09-09T10:15	22.7	0.07271
2025-09-09T12:15	24.9	0.06945
2025-09-09T14:00	25.8	0.08302
2025-09-09T16:15	25.1	0.11206
2025-09-09T18:15	23.0	0.18174
2025-09-09T20:15	20.9	0.10373
2025-09-09T22:00	19.5	0.07300
2025-09-10T00:45	18.6	0.06432
2025-09-10T03:15	17.6	0.06448
2025-09-10T05:00	17.2	0.14926
2025-09-10T07:00	17.8	0.09161
2025-09-10T09:00	20.1	0.07961
2025-09-10T11:00	22.2	0.06675
2025-09-10T13:15	23.0	0.06931
2025-09-10T15:15	22.6	0.06691
2025-09-10T17:00	21.9	0.16105
2025-09-10T19:00	20.9	0.08420
2025-09-10T21:00	18.0	0.04241
2025-09-10T23:00	16.4	0.03932
2025-09-11T00:45	17.0	0.03572
2025-09-11T02:15	16.0	0.02688
2025-09-11T04:15	15.3	0.05052
2025-09-11T06:15	14.2	0.08055
2025-09-11T08:15	17.0	0.05540
2025-09-11T10:00	20.0	-0.00001
2025-09-11T12:15	21.9	-0.00074
2025-09-11T14:15	21.3	-0.00001
2025-09-11T16:15	20.2	0.05378
2025-09-11T18:15	16.5	0.08000
2025-09-11T20:00	15.8	0.05327
2025-09-11T22:00	15.9	0.01094
2025-09-12T00:45	14.4	0.00683
2025-09-12T03:15	13.2	0.02106
2025-09-12T05:00	12.6	0.05656
2025-09-12T07:00	13.6	0.04348
2025-09-12T11:00	18.9	-0.00557
2025-09-12T13:15	20.2	-0.00226
2025-09-12T16:00	20.3	0.06984
2025-09-12T18:15	18.0	0.10255
2025-09-12T20:00	15.9	0.07215
2025-09-12T22:00	14.2	0.04108
2025-09-13T00:45	12.2	0.03612
2025-09-13T03:15	11.2	0.03484
2025-09-13T05:00	10.6	0.03561
2025-09-13T07:00	12.2	0.04394
2025-09-13T09:00	16.2	0.00237

2025-09-13T11:00	20.1	-0.00001
2025-09-13T15:00	20.2	0.05896
2025-09-13T17:00	19.6	0.06139
2025-09-13T19:00	17.7	0.06597
2025-09-13T21:15	15.6	0.07384
2025-09-13T23:00	14.6	0.04387
2025-09-14T01:00	15.1	0.05509
2025-09-14T03:15	15.2	0.04941
2025-09-14T05:00	14.9	0.06595
2025-09-14T07:00	15.3	0.04902
2025-09-14T09:00	15.9	0.01749
2025-09-14T15:00	18.8	0.04999
2025-09-14T17:00	18.0	0.07302
2025-09-14T19:00	16.0	0.04575
2025-09-14T21:00	14.5	0.01326
2025-09-14T23:00	12.9	-0.00024
2025-09-15T01:00	12.6	-0.00179
2025-09-15T02:30	12.1	-0.00194
2025-09-15T04:15	12.7	0.00700
2025-09-15T06:15	13.6	0.02677
2025-09-15T08:15	15.4	-0.00029
2025-09-15T10:15	19.0	-0.00548
2025-09-15T12:15	20.4	-0.01238
2025-09-15T14:15	21.2	-0.00319
2025-09-15T16:15	21.1	0.00816
2025-09-15T18:15	19.3	0.03237
2025-09-15T20:00	18.4	0.00291
2025-09-15T22:00	17.1	-0.00006
2025-09-16T00:45	16.0	-0.00095
2025-09-16T03:15	15.1	-0.00025
2025-09-16T05:00	14.8	0.01621
2025-09-16T07:00	15.6	0.00694
2025-09-16T09:15	17.2	-0.00340
2025-09-16T11:00	17.0	-0.00490
2025-09-16T13:15	17.0	-0.00357
2025-09-16T15:00	18.0	0.01077
2025-09-16T17:00	17.9	0.11093
2025-09-16T19:00	15.4	0.09626
2025-09-16T21:00	13.8	0.07652
2025-09-16T23:00	13.6	0.06553
2025-09-17T00:45	13.2	0.05168
2025-09-17T03:15	12.7	0.08477
2025-09-17T05:00	12.8	0.11900
2025-09-17T07:00	13.3	0.10572
2025-09-17T09:15	15.8	0.06740
2025-09-17T11:00	18.0	0.01923
2025-09-17T13:15	18.9	0.04155
2025-09-17T15:15	18.1	0.07544
2025-09-17T17:00	17.5	0.11789
2025-09-17T19:00	15.8	0.09387
2025-09-17T21:00	15.1	0.06658
2025-09-17T23:00	14.6	0.04322

2025-09-18T00:45	14.8	0.03586	
2025-09-18T03:15	15.1	0.06268	