Supplementary Materials
Optimal Strategy of a GPS Position Time Series Analysis for Post-Glacial Rebound Investigation in Europe

Table S1. A set of 469 European GPS permanent stations with latitudes higher than 50°N which observations are processed by the Nevada Geodetic Laboratory in a PPP mode. Station name, a country the station is situated in, its longitude and latitude, the GPS vertical rates (in mm/yr) with their uncertainties computed using combination of power-law and white noise models and the present-day vertical uplift predicted by the GIA ICE-6G model are listed. Stations, for which the vertical rates are found to be statistically insignificant are marked in grey.

| Station name | Country       | Longitude | Latitude | GPS vertical rate (mm/yr) | Uncertainty assuming PL+WN noise model | Vertical uplift predicted by GIA ICE-6G model (mm/yr) |
|--------------|---------------|-----------|----------|---------------------------|----------------------------------------|---------------------------------------------------|
| AACH         | Germany       | 6.0884    | 50.7679  | 0.97 +/- 0.43             | -0.02                                  |
| AARS         | Belgium       | 4.8361    | 50.9633  | 0.49 +/- 0.47             | -0.04                                  |
| AAUC         | Denmark       | 9.9873    | 57.0138  | 2.30 +/- 0.39             | 0.32                                   |
| ABEP         | UK            | 355.4287  | 52.1394  | 0.14 +/- 0.26             | -0.24                                  |
| ABER         | UK            | 357.9198  | 57.1440  | 1.00 +/- 0.18             | 0.93                                   |
| ABYW         | UK            | 355.9956  | 52.4241  | -0.10 +/- 0.07            | -0.24                                  |
| ADAR         | UK            | 355.2590  | 52.7980  | 0.07 +/- 0.28             | -0.24                                  |
| ALDB         | UK            | 1.6029    | 52.1532  | 1.03 +/- 0.38             | -0.54                                  |
| ALUK         | Latvia        | 27.0719   | 57.4241  | 0.98 +/- 3.93             | 0.51                                   |
| ALYT         | Lithuania     | 24.0397   | 54.3933  | 1.45 +/- 1.74             | 0.34                                   |
| AMBE         | UK            | 357.0353  | 54.4342  | 1.92 +/- 0.28             | 0.63                                   |
| AMER         | UK            | 359.4406  | 51.6772  | 0.26 +/- 0.20             | -0.37                                  |
| AMST         | Netherlands   | 4.8336    | 52.3873  | -1.26 +/- 0.27            | -0.53                                  |
| AND1         | Norway        | 16.1348   | 69.3261  | 1.95 +/- 0.27             | -1.13                                  |
| ANDO         | Norway        | 16.0087   | 69.2784  | 1.82 +/- 0.48             | -1.13                                  |
| ANLX         | UK            | 354.9208  | 51.6983  | -0.06 +/- 0.42            | -0.52                                  |
| APEL         | Netherlands   | 5.9623    | 52.2119  | 0.58 +/- 0.93             | -0.48                                  |
| APPL         | UK            | 355.8003  | 51.0569  | 0.58 +/- 0.31             | -0.46                                  |
| ARDL         | UK            | 0.9619    | 51.9158  | -0.07 +/- 0.28            | -0.36                                  |
| ARG1         | Faroe Islands | 353.2155  | 61.9974  | -0.29 +/- 0.49            | -1.69                                  |
| ARIS         | UK            | 354.1505  | 56.9096  | 1.32 +/- 0.41             | 1.62                                   |
| ARJ6         | Sweden        | 18.1250   | 66.3180  | 8.79 +/- 2.29             | 6.18                                   |
| ASAP         | UK            | 356.5199  | 53.2513  | 0.33 +/- 0.29             | 0.09                                   |
| ATT1         | UK            | 0.9881    | 52.5168  | -0.83 +/- 0.31            | -0.48                                  |
| AUDE         | Germany       | 7.0018    | 50.1765  | 1.59 +/- 0.57             | -0.01                                  |
| AUR1         | Germany       | 7.4760    | 53.4674  | -0.16 +/- 0.48            | -0.89                                  |
| BADH         | Germany       | 8.6099    | 50.2280  | 0.26 +/- 0.39             | -0.02                                  |
| BALV         | Latvia        | 27.2625   | 57.1283  | 2.24 +/- 1.35             | 0.51                                   |
| BAR3         | UK            | 0.0969    | 51.5154  | 0.08 +/- 0.23             | -0.37                                  |
| BAR4         | UK            | 352.4995  | 56.9544  | 0.53 +/- 0.67             | 0.64                                   |
| BAT1         | Belgium       | 5.8340    | 50.6374  | 0.06 +/- 0.32             | -0.02                                  |
| BAUS         | Latvia        | 24.1861   | 56.4059  | 1.15 +/- 0.89             | 0.80                                   |
| BEE1         | Latvia        | 356.3934  | 54.4910  | 0.93 +/- 0.46             | 0.84                                   |
| Code | Country | Latitude  | Longitude | Distance | Angle | Latitude Diff | Longitude Diff |
|------|---------|-----------|-----------|----------|-------|---------------|----------------|
| BELF | UK      | 54.5772   | 0.49      | 0.40     | 0.98  |                |                |
| BENB | UK      | 57.4731   | 0.88      | 0.72     | 0.88  |                |                |
| BER3 | Germany | 52.4893   | 0.60      | 0.62     | -0.13 |                |                |
| BERL | Belgium | 50.7007   | 0.22      | 0.31     | -0.04 |                |                |
| BEZA | Belgium | 51.3069   | -0.93     | 0.46     | -0.27 |                |                |
| BIRZ | Lithuania| 56.2009   | -0.08     | 0.71     | 0.78  |                |                |
| BLAP | UK      | 53.7769   | 0.48      | 0.24     | 0.09  |                |                |
| BLER | France  | 50.9586   | -1.08     | 0.65     | -0.19 |                |                |
| BOGI | Poland  | 52.4750   | 0.48      | 0.36     | -0.31 |                |                |
| BOGO | Poland  | 52.4759   | -0.07     | 0.30     | -0.31 |                |                |
| BONN | Germany | 50.6759   | 1.04      | 0.46     | -0.01 |                |                |
| BOR1 | Poland  | 52.2770   | -0.13     | 0.21     | -0.08 |                |                |
| BORJ | Germany | 53.5789   | -0.71     | 0.42     | -0.89 |                |                |
| BORK | Germany | 53.5636   | -0.59     | 0.29     | -0.89 |                |                |
| BPDL | Poland  | 52.0353   | 1.13      | 1.53     | -0.34 |                |                |
| BRLA | UK      | 57.0067   | 1.12      | 0.27     | 1.32  |                |                |
| BREI | UK      | 51.9529   | -0.25     | 0.28     | -0.41 |                |                |
| BRUS | Belgium | 50.7978   | 0.53      | 0.17     | -0.08 |                |                |
| BRUX | Belgium | 50.7981   | 0.49      | 0.48     | -0.08 |                |                |
| BUCK | UK      | 56.7611   | 1.04      | 0.42     | 1.32  |                |                |
| BUDP | Denmark | 53.7390   | 0.86      | 0.36     | 0.18  |                |                |
| BUGN | France  | 50.0981   | 0.32      | 0.29     | -0.19 |                |                |
| BUTI | UK      | 58.5156   | -0.49     | 0.53     | 0.56  |                |                |
| BUXT | UK      | 53.2292   | -0.14     | 0.20     | -0.06 |                |                |
| BVOI | France  | 50.3695   | 0.82      | 0.29     | -0.19 |                |                |
| CAB3 |         | 51.9682   | -1.38     | 0.20     | -0.22 |                |                |
| CABW | Netherlands| 51.9695   | -0.05     | 0.21     | -0.22 |                |                |
| CADE | Germany | 53.7463   | 0.20      | 0.43     | -0.71 |                |                |
| CAMI | UK      | 50.2184   | -0.34     | 0.19     | -0.65 |                |                |
| CAML | UK      | 53.4252   | -1.36     | 1.35     | 1.49  |                |                |
| CARF | UK      | 51.5311   | -0.01     | 0.19     | -0.41 |                |                |
| CARL | UK      | 54.8954   | 0.66      | 0.20     | 0.63  |                |                |
| CASB | Ireland | 53.8507   | 1.67      | 0.24     | 0.02  |                |                |
| CAVN | Ireland | 53.9935   | 0.70      | 0.24     | 0.32  |                |                |
| CHA3 | Belgium | 50.4054   | 1.99      | 0.29     | -0.08 |                |                |
| CHIO | UK      | 51.1490   | -0.05     | 0.25     | -0.37 |                |                |
| CKSH | Ireland | 53.9438   | 1.53      | 0.32     | 0.23  |                |                |
| CLAU | Germany | 51.7991   | 0.86      | 0.71     | -0.14 |                |                |
| CLAW | UK      | 52.3588   | 0.22      | 0.29     | -0.36 |                |                |
| CLNM | Ireland | 52.3550   | 0.51      | 0.35     | -0.23 |                |                |
| CNG1 | Russia  | 55.8550   | 2.62      | 2.29     | 0.03  |                |                |
| CNIV | Ukraine | 51.5189   | 1.49      | 0.66     | 0.07  |                |                |
| COLC | UK      | 51.8944   | 0.47      | 0.29     | -0.36 |                |                |
| CORK | UK      | 51.8849   | 0.44      | 0.24     | -0.63 |                |                |
| COUD | France  | 51.0229   | -0.45     | 0.32     | -0.35 |                |                |
| DAGD | Latvia  | 56.0977   | 1.32      | 1.00     | 0.27  |                |                |
| DAL1 | Germany | 50.0704   | 0.91      | 0.32     | -0.02 |                |                |
| DARE | UK      | 53.3448   | 0.18      | 0.17     | 0.09  |                |                |
| DAU1 | Latvia  | 55.8692   | 0.65      | 0.80     | 0.28  |                |                |
| DAUN | Germany | 50.1999   | 0.44      | 0.39     | -0.01 |                |                |
| DELF | Netherlands| 51.9861   | -0.29     | 0.21     | -0.27 |                |                |
| DENT | Belgium | 50.9337   | -0.80     | 0.19     | -0.13 |                |                |
| DGLG | France  | 50.9937   | -0.31     | 0.21     | -0.19 |                |                |
| DIEP | Germany | 52.5881   | -0.05     | 0.37     | -0.40 |                |                |
| DIES | Belgium | 50.9807   | 0.20      | 0.46     | -0.04 |                |                |
| Code | Country   | Name | Latitude | Longitude | Distance | Error  | Deviation |
|------|-----------|------|----------|-----------|----------|--------|-----------|
| DKST | Lithuania | 26.3189 | 55.5205  | 0.65 +/-  | 1.00     | 0.51   |
| DLF1 | Netherlands | 4.3875 | 51.9860  | -0.43 +/- | 0.55     | -0.27  |
| DLF5 | Netherlands | 4.3875 | 51.9860  | -0.77 +/- | 0.44     | -0.27  |
| DLFT | Netherlands | 4.3876 | 51.9860  | -0.80 +/- | 0.42     | -0.27  |
| DNGL | Ireland    | 351.9123 | 54.6592  | 1.09 +/-  | 0.33     | 0.61   |
| DOBI | Latvia     | 23.2834 | 56.6367  | 1.83 +/-  | 0.90     | 0.75   |
| DOUL | France     | 2.3521 | 50.1621  | -0.38 +/- | 0.46     | -0.19  |
| DOUR | Belgium    | 4.5949 | 50.0949  | 0.19 +/-  | 0.18     | -0.04  |
| DRES | Germany    | 13.7297 | 51.0298  | 0.36 +/-  | 0.36     | -0.15  |
| DROI | UK         | 357.8454 | 52.2553  | -0.67 +/- | 0.46     | -0.30  |
| DROW | UK         | 357.1227 | 56.3639  | 0.82 +/-  | 1.54     | 1.41   |
| DRL1 | Lithuania  | 24.6446 | 54.7767  | 2.15 +/-  | 1.89     | 0.21   |
| DRUM | UK         | 357.1560 | 56.3639  | 0.82 +/-  | 1.54     | 1.41   |
| DUNG | UK         | 0.9765  | 50.9266  | -0.55 +/- | 0.23     | -0.24  |
| DUNK | UK         | 356.7601 | 50.8605  | -0.44 +/- | 0.31     | -0.47  |
| DVTG | UK         | 1.3225  | 51.1145  | 0.01 +/-  | 0.30     | -0.36  |
| EASN | UK         | 0.1164  | 53.6490  | 0.03 +/-  | 0.23     | -0.39  |
| ECQU | France     | 2.4474  | 50.5607  | -0.26 +/- | 0.17     | -0.19  |
| EDIN | UK         | 356.7052 | 55.9248  | 1.14 +/-  | 0.19     | 1.16   |
| EEEKL | Belgium | 3.5647 | 51.1899  | -0.24 +/- | 0.28     | -0.27  |
| EFBG | Germany    | 6.8819  | 50.5253  | 1.43 +/-  | 0.19     | -0.01  |
| EIJS | Belgium    | 5.6836  | 50.7582  | 0.58 +/-  | 0.19     | -0.02  |
| ELK1 | Lithuania  | 24.6446 | 54.7767  | 2.15 +/-  | 1.89     | 0.21   |
| ENIS | UK         | 352.3551 | 54.3954  | 0.00 +/-  | 0.26     | 0.61   |
| EQHE | France     | 1.5676  | 50.6804  | -0.29 +/- | 0.17     | -0.19  |
| ERFU | Germany    | 11.0282 | 51.0052  | 0.88 +/-  | 0.26     | -0.15  |
| ESBC | Denmark    | 8.4568  | 55.4936  | 0.41 +/-  | 0.35     | -1.66  |
| ESHB | Denmark    | 8.4398  | 55.4603  | -0.83 +/- | 0.30     | -1.66  |
| ESKD | UK         | 356.7931 | 53.3124  | 1.39 +/-  | 0.32     | 1.16   |
| ESMA | UK         | 356.7930 | 53.3163  | 0.99 +/-  | 0.50     | 1.16   |
| ESSE | Germany    | 7.0333  | 51.4435  | 0.87 +/-  | 1.22     | -0.15  |
| EUSK | Germany    | 6.7635  | 50.6741  | -1.33 +/- | 0.31     | -0.01  |
| EXMO | UK         | 356.5899 | 50.6134  | 1.02 +/-  | 0.93     | -0.47  |
| FARN | UK         | 359.2273 | 51.2799  | -1.15 +/- | 0.24     | -0.37  |
| FAUG | UK         | 355.3115 | 57.1357  | 1.88 +/-  | 0.47     | 1.54   |
| FFMJ | Germany    | 8.6650  | 50.0906  | 0.76 +/-  | 0.47     | -0.02  |
| FFOD | Germany    | 14.5412 | 52.3562  | 0.57 +/-  | 1.31     | -0.04  |
| FLB2 | Germany    | 9.5036  | 54.7918  | 1.37 +/-  | 0.58     | -0.86  |
| FLDW | Germany    | 8.3076  | 53.7186  | -0.48 +/- | 0.49     | -0.81  |
| FOVA | Belgium    | 4.2164  | 50.3208  | -0.78 +/- | 0.46     | -0.08  |
| FOYL | UK         | 352.6634 | 54.9838  | 1.28 +/-  | 0.18     | 0.87   |
| FROC | Norway     | 8.6603  | 63.8652  | 2.22 +/-  | 0.64     | 1.28   |
| FYHA | Denmark    | 9.9863  | 54.9936  | 0.09 +/-  | 0.76     | -0.86  |
| GBBN | Belgium    | 3.8695  | 50.7686  | 0.37 +/-  | 0.29     | -0.08  |
| GELD | Netherlands | 5.5551 | 51.4121  | -0.43 +/- | 0.27     | -0.18  |
| GELL | Germany    | 14.3218 | 53.4503  | 0.14 +/-  | 0.46     | 0.15   |
| GER2 | Germany    | 12.0789 | 50.8788  | 0.31 +/-  | 0.36     | -0.08  |
| GESR | Denmark    | 11.9229 | 54.5744  | -0.04 +/- | 0.44     | -0.20  |
| GHIS | Belgium    | 3.8831  | 50.4537  | 2.57 +/-  | 0.16     | -0.08  |
| GIGG | UK         | 357.6912 | 54.0759  | 0.43 +/-  | 0.23     | 0.35   |
| GIRA | UK         | 355.1424 | 55.2434  | 1.13 +/-  | 0.33     | 1.58   |
| GIZY | Poland     | 21.7678 | 54.0358  | -0.24 +/- | 1.07     | 0.43   |
| GLAS | UK         | 355.7035 | 55.8540  | 1.00 +/-  | 0.20     | 1.46   |
| GLSV | Ukraine    | 30.4967 | 50.3642  | 2.41 +/-  | 1.15     | 0.11   |
| GLWY | Ireland    | 350.9393 | 53.2807  | -0.06 +/- | 0.24     | 0.02   |
| Code | Country | X Coord | Y Coord | Distance | Error | Deviation |
|------|---------|---------|---------|----------|-------|-----------|
| GOET | Germany | 9.9506  | 51.5002 | -0.15    | +/-   | 0.48      |
| GOR2 | Germany | 11.3496 | 53.0497 | 0.78     | +/-   | 0.57      |
| GORS | UK      | 1.7319  | 52.3756 | -0.70    | +/-   | 0.23      |
| GOTH | Germany | 10.7033 | 50.9474 | -1.03    | +/-   | 0.97      |
| GREI | Germany | 13.3939 | 54.0751 | 0.73     | +/-   | 0.44      |
| GRO2 | Germany | 8.8593  | 50.8088 | -0.09    | +/-   | 0.27      |
| GUM2 | Germany | 7.5680  | 51.0291 | -0.19    | +/-   | 0.35      |
| GWWL | Poland  | 15.2052 | 52.7380 | 1.94     | +/-   | 1.53      |
| HABY | Denmark | 11.3553 | 55.9718 | 0.71     | +/-   | 0.61      |
| HAM1 | Germany | 7.7184  | 51.6247 | -2.00    | +/-   | 0.64      |
| HAMB | Germany | 9.9838  | 53.5513 | -0.06    | +/-   | 0.70      |
| HAME | Germany | 9.4017  | 52.0663 | -0.09    | +/-   | 0.54      |
| HAN1 | Germany | 9.7305  | 52.3731 | 1.39     | +/-   | 0.36      |
| HARD | UK      | 359.4713| 50.9474 | 0.06     | +/-   | 0.28      |
| HAS6 | Sweden  | 13.7180 | 56.0922 | 1.04     | +/-   | 0.83      |
| HEI1 | Iceland | 345.4591| 65.3808 | 2.58     | +/-   | 0.25      |
| HEL3 | Germany | 7.8765  | 54.1863 | -0.04    | +/-   | 0.50      |
| HELG | Germany | 7.8931  | 54.1745 | 0.20     | +/-   | 0.40      |
| HELS | UK      | 356.3506| 58.1153 | 2.51     | +/-   | 1.33      |
| HERE | Belgium | 4.8403  | 51.1863 | 0.52     | +/-   | 0.51      |
| HERO | UK      | 0.3357  | 50.8675 | -0.75    | +/-   | 0.62      |
| HERS | UK      | 0.3363  | 50.8673 | -0.35    | +/-   | 0.21      |
| HERT | UK      | 0.3344  | 50.8675 | 0.34     | +/-   | 0.23      |
| HERZ | Germany | 13.2389 | 51.6948 | -0.20    | +/-   | 0.37      |
| HIRS | Denmark | 9.9675  | 57.5911 | 2.32     | +/-   | 0.25      |
| HOBU | Germany | 10.4763 | 53.0506 | 0.38     | +/-   | 0.35      |
| HOE2 | Germany | 8.2934  | 54.7588 | -0.13    | +/-   | 0.57      |
| HOEG | Belgium | 4.9004  | 50.7786 | -0.19    | +/-   | 0.34      |
| HOFJ | Germany | 11.8759 | 50.3129 | 0.49     | +/-   | 0.46      |
| HOL2 | Germany | 10.1568 | 54.3729 | 0.31     | +/-   | 0.42      |
| HOLY | UK      | 355.3579| 53.3177 | -0.10    | +/-   | 0.34      |
| HONS | Norway  | 25.9649 | 70.9771 | 3.31     | +/-   | 0.93      |
| HOOB | UK      | 358.6203| 53.4829 | 3.12     | +/-   | 0.25      |
| HRM1 | UK      | 358.7161| 51.4537 | -0.37    | +/-   | 0.15      |
| HRM2 | UK      | 358.7161| 51.4537 | -0.45    | +/-   | 0.43      |
| HUET | Germany | 6.1927  | 51.8430 | 0.22     | +/-   | 0.26      |
| HUN2 | UK      | 358.4861| 51.4043 | 0.20     | +/-   | 0.29      |
| HURN | UK      | 358.1639| 50.7794 | 1.00     | +/-   | 0.64      |
| IEPE | Belgium | 2.8590  | 50.8490 | -0.32    | +/-   | 0.31      |
| IESG | UK      | 358.8077| 52.1620 | -0.35    | +/-   | 0.42      |
| IJMU | Netherlands| 4.5561 | 52.2460 | -1.16    | +/-   | 0.26      |
| INVE | UK      | 355.7807| 57.4863 | 2.32     | +/-   | 1.01      |
| INVR | UK      | 355.7807| 57.4863 | 0.76     | +/-   | 0.44      |
| IOMS | UK      | 355.3655| 54.0867 | 0.51     | +/-   | 0.22      |
| IRBE | Latvia  | 21.8520 | 57.5544 | 2.66     | +/-   | 1.29      |
| JEK1 | Latvia  | 25.8646 | 56.5049 | 1.47     | +/-   | 1.23      |
| JNSK | Lithuania| 23.6176 | 56.2421 | 0.13     | +/-   | 0.66      |
| JOEN | Finland | 30.0962 | 62.3912 | 3.74     | +/-   | 0.38      |
| JON6 | Sweden  | 14.0597 | 57.7454 | 3.94     | +/-   | 0.78      |
| JOZ2 | Poland  | 21.0324 | 52.0978 | 0.04     | +/-   | 0.49      |
| JOZE | Poland  | 21.0315 | 52.0973 | 0.42     | +/-   | 0.52      |
| KAD6 | Sweden  | 13.5056 | 59.4441 | 5.01     | +/-   | 0.77      |
| KAIN | Belgium | 3.3717  | 50.6286 | -1.87    | +/-   | 0.83      |
| KALD | Germany | 6.1809  | 51.3204 | 1.56     | +/-   | 0.25      |
| KAUN | Lithuania| 23.9796 | 54.9061 | -0.66    | +/-   | 0.81      |
| Code  | Country    | Latitude  | Longitude | Altitude | Uncertainty | Difference |
|-------|------------|-----------|-----------|----------|-------------|------------|
| KEDN  | Lithuania  | 54.2576   | 23.9942   | 0.22     | +/-         | 0.69       | 0.78       |
| KELM  | Lithuania  | 55.6284   | 22.9307   | 0.70     | +/-         | 0.56       | 0.78       |
| KELO  | UK         | 55.5956   | 357.5999  | 0.52     | +/-         | 0.32       | 0.74       |
| KEYW  | UK         | 52.8790   | 358.9219  | -0.19    | +/-         | 0.28       | -0.36      |
| KHAR  | Ukraine    | 50.0051   | 36.2390   | 1.17     | +/-         | 0.87       | 0.18       |
| KILN  | UK         | 56.4549   | 355.6793  | 2.21     | +/-         | 0.34       | 1.72       |
| KIN1  | UK         | 52.7514   | 0.4015    | -0.39    | +/-         | 0.19       | -0.42      |
| KINL  | UK         | 58.4588   | 354.9477  | 1.45     | +/-         | 0.53       | 0.83       |
| KINT  | UK         | 57.2454   | 357.6713  | 1.08     | +/-         | 0.42       | 0.93       |
| KIRO  | Sweden     | 67.8776   | 21.0602   | 7.09     | +/-         | 0.63       | 6.99       |
| KIRK  | UK         | 54.8395   | 355.9526  | -0.92    | +/-         | 0.34       | 0.84       |
| KIRU  | Sweden     | 67.8574   | 20.9684   | 6.74     | +/-         | 0.57       | 6.99       |
| KIRW  | UK         | 58.9534   | 357.0985  | 0.44     | +/-         | 0.55       | 0.84       |
| KLOP  | Germany    | 50.2198   | 8.7299    | 0.36     | +/-         | 0.27       | -0.02      |
| KLPD  | Lithuania  | 55.7154   | 21.1189   | -0.10    | +/-         | 3.03       | 0.66       |
| KLRE  | UK         | 54.9649   | 353.3820  | 0.97     | +/-         | 0.33       | 0.87       |
| KOSG  | Netherlands| 52.1784   | 5.8096    | -0.86    | +/-         | 0.32       | -0.48      |
| KRTN  | Lithuania  | 55.8881   | 21.2456   | 0.69     | +/-         | 0.63       | 0.66       |
| KU1   | Latvia     | 56.9796   | 21.9464   | 2.65     | +/-         | 1.14       | 0.66       |
| KURE  | Estonia    | 58.2556   | 22.5101   | 2.34     | +/-         | 0.86       | 0.53       |
| LAMA  | Poland     | 57.4203   | 20.6699   | -0.38    | +/-         | 0.76       | -0.04      |
| LCAR  | UK         | 53.8623   | 354.5359  | 0.77     | +/-         | 0.35       | 1.54       |
| LDB2  | Germany    | 52.2091   | 14.1209   | 0.07     | +/-         | 0.46       | -0.07      |
| LEED  | UK         | 53.8002   | 358.3362  | -0.03    | +/-         | 0.17       | -0.06      |
| LEEK  | UK         | 53.1278   | 12.3741   | 0.28     | +/-         | 0.22       | -0.06      |
| LEIJ  | Germany    | 51.3540   | 12.3741   | -0.04    | +/-         | 0.33       | -0.15      |
| LEK6  | Sweden     | 60.7222   | 14.8771   | 7.55     | +/-         | 0.73       | 7.26       |
| LER1  | UK         | 60.1383   | 358.8163  | 0.25     | +/-         | 0.75       | -0.69      |
| LERW  | UK         | 60.1391   | 358.8151  | -0.25    | +/-         | 0.34       | -0.69      |
| LEWO  | France     | 50.5139   | 1.6191    | 0.11     | +/-         | 0.23       | -0.19      |
| LHAW  | Germany    | 53.8632   | 8.1277    | -0.20    | +/-         | 0.29       | -0.81      |
| LICF  | UK         | 52.7100   | 358.1863  | -0.00    | +/-         | 0.26       | -0.30      |
| LIEP  | Latvia     | 56.5089   | 21.0169   | 1.39     | +/-         | 0.92       | 0.58       |
| LIL2  | France     | 50.6135   | 3.1360    | -2.28    | +/-         | 1.33       | -0.13      |
| LIMB  | Latvia     | 57.5106   | 24.7135   | 1.23     | +/-         | 1.09       | 0.57       |
| LIN1  | UK         | 53.2503   | 359.4799  | 0.07     | +/-         | 0.26       | -0.23      |
| LIVE  | UK         | 53.4497   | 356.9818  | 0.69     | +/-         | 0.36       | 0.09       |
| LMCU  | France     | 50.6428   | 3.0768    | -0.07    | +/-         | 0.30       | -0.13      |
| LMRK  | Ireland    | 52.6740   | 351.4243  | -0.05    | +/-         | 0.24       | -0.33      |
| LOCG  | UK         | 56.0135   | 354.5539  | -0.05    | +/-         | 1.23       | 1.80       |
| LODE  | Latvia     | 57.1305   | 25.6462   | 1.18     | +/-         | 0.91       | 0.56       |
| LODZ  | Poland     | 51.7787   | 19.4595   | -1.25    | +/-         | 0.76       | -0.28      |
| LOFT  | UK         | 54.5629   | 359.1366  | -1.73    | +/-         | 0.30       | 0.03       |
| LON1  | UK         | 51.4894   | 359.8801  | 0.60     | +/-         | 0.94       | -0.37      |
| LOV6  | Sweden     | 59.3379   | 17.8289   | 6.05     | +/-         | 3.10       | 4.42       |
| LOVJ  | Russia     | 67.8910   | 34.6158   | 2.46     | +/-         | 1.03       | 1.99       |
| LOWE  | UK         | 52.4732   | 1.7502    | -0.39    | +/-         | 0.15       | -0.54      |
| LWTG  | UK         | 60.1541   | 358.8597  | 0.73     | +/-         | 0.44       | -0.69      |
| MAAS  | Belgium    | 51.1058   | 5.7507    | 0.37     | +/-         | 0.28       | -0.18      |
| MAGB  | Belgium    | 50.0746   | 5.7393    | 1.10     | +/-         | 0.19       | -0.02      |
| MACY  | UK         | 52.5889   | 356.1482  | 0.16     | +/-         | 0.28       | -0.24      |
| MADO  | Latvia     | 56.8532   | 26.2213   | 1.38     | +/-         | 0.86       | 0.66       |
| MAFA  | Belgium    | 50.2370   | 5.2975    | 0.29     | +/-         | 0.35       | -0.04      |
| MAGB  | Germany    | 52.1300   | 11.6303   | 1.20     | +/-         | 1.24       | -0.21      |
| Country | City | Latitude | Longitude | Temperature | Change | Population |
|---------|------|----------|-----------|-------------|--------|------------|
| MAID    | UK   | 0.5129   | 51.2727   | -1.32       | +/-    | 0.70       |
| MALX    | UK   | 354.1716 | 57.0061   | 1.37        | +/-    | 0.17       |
| MAME    | Belgium | 5.6964 | 50.9633   | 3.47        | +/-    | 1.69       |
| MANR    | UK   | 357.7650 | 53.5116   | 0.17        | +/-    | 0.32       |
| MARS    | Belgium | 4.5106 | 50.0900   | -0.05       | +/-    | 0.28       |
| MAR6    | Sweden | 17.2585 | 60.5951   | 7.80        | +/-    | 0.74       |
| MAR8    | UK   | 1.3829   | 51.3917   | -0.41       | +/-    | 0.25       |
| MAZK    | Lithuania | 22.3086 | 56.3145   | 0.19        | +/-    | 0.61       |
| MCHA    | UK   | 357.0004 | 51.9977   | -0.43       | +/-    | 0.33       |
| MDVJ    | Russia | 37.2145 | 56.0215   | 2.39        | +/-    | 1.65       |
| MDVO    | Russia | 37.2236 | 56.0275   | 1.51        | +/-    | 1.09       |
| MENE    | Belgium | 3.1007 | 50.7809   | 0.81        | +/-    | 0.89       |
| MEPP    | Germany | 7.3155 | 52.7159   | 0.52        | +/-    | 0.51       |
| METS    | Finland | 24.3953 | 60.2175   | 4.01        | +/-    | 0.55       |
| MILS    | UK   | 359.2282 | 52.0242   | -1.77       | +/-    | 0.35       |
| MOBI    | Russia | 36.5697 | 55.1149   | -2.46       | +/-    | 2.08       |
| MOBK    | Russia | 36.5697 | 55.1149   | 2.12        | +/-    | 2.89       |
| MOBN    | Russia | 36.5695 | 55.1149   | 0.62        | +/-    | 0.57       |
| MOH2    | Belgium | 5.1920 | 50.5403   | 1.62        | +/-    | 0.24       |
| MOL0    | Belgium | 5.1171 | 51.1826   | -0.04       | +/-    | 0.38       |
| MON2    | Germany | 7.8307 | 50.4316   | 0.90        | +/-    | 0.59       |
| MOR7    | UK   | 358.3145 | 55.2129   | -0.10       | +/-    | 0.32       |
| MORP    | UK   | 358.3145 | 55.2128   | 1.34        | +/-    | 0.35       |
| MORV    | France | 2.8726 | 50.0303   | 0.77        | +/-    | 1.00       |
| MOX2    | Germany | 11.6162 | 50.6422   | 0.29        | +/-    | 0.39       |
| MRJM    | Lithuania | 23.3693 | 54.5729   | 1.30        | +/-    | 1.89       |
| MRKT    | UK   | 353.4965 | 54.2371   | 0.82        | +/-    | 0.32       |
| MSLC    | Latvia | 25.0547 | 57.8568   | 1.24        | +/-    | 0.89       |
| MSTR    | Netherlands | 5.7026 | 50.8448   | -0.16       | +/-    | 0.37       |
| NAMR    | Belgium | 4.8606 | 50.4695   | 0.13        | +/-    | 0.35       |
| NCAS    | UK   | 358.3834 | 54.9791   | 1.06        | +/-    | 0.55       |
| NEWL    | UK   | 354.4572 | 50.1030   | -0.70       | +/-    | 0.28       |
| NEWR    | UK   | 0.4153   | 52.2668   | -0.12       | +/-    | 0.25       |
| NIKL    | Belgium | 4.1509 | 51.1410   | 0.53        | +/-    | 0.31       |
| NIVL    | Belgium | 4.3047 | 50.5853   | 0.36        | +/-    | 0.31       |
| NOR7    | Sweden | 16.2464 | 58.5901   | 4.64        | +/-    | 2.58       |
| NOTT    | UK   | 358.8025 | 52.9622   | -1.69       | +/-    | 1.11       |
| NPLD    | UK   | 359.6604 | 51.4210   | -0.04       | +/-    | 0.51       |
| NSLG    | UK   | 358.5674 | 55.0089   | 0.95        | +/-    | 0.39       |
| NSTG    | UK   | 358.5601 | 55.0074   | 0.98        | +/-    | 0.15       |
| NTZI    | Germany | 13.0726 | 53.3297   | 0.09        | +/-    | 0.33       |
| NWRS    | Ireland | 353.0697 | 52.3895 | 0.91 | +/- | 0.27 | -0.21 |
| NYAL    | Norway | 11.8651 | 78.9296   | 7.42        | +/-    | 0.95       |
| OBAN    | UK   | 354.5592 | 56.4513   | -0.30       | +/-    | 0.37       |
| OJAR    | Latvia | 24.0761 | 56.9255   | 1.71        | +/-    | 1.27       |
| OLLN    | Belgium | 4.6278 | 50.6774   | -1.95       | +/-    | 1.33       |
| OLPE    | Germany | 7.8629 | 51.0390   | 0.10        | +/-    | 0.51       |
| OMGH    | UK   | 352.7441 | 54.6162   | 1.00        | +/-    | 0.27       |
| ONHA    | Belgium | 4.8450 | 50.2453   | -0.12       | +/-    | 0.27       |
| ONS1    | Sweden | 11.9245 | 57.3953   | 1.36        | +/-    | 0.41       |
| ONSA    | Sweden | 11.9255 | 57.3953   | 2.91        | +/-    | 0.25       |
| OOST    | Belgium | 2.9223 | 51.2254   | -0.13       | +/-    | 0.17       |
| OSHQ    | UK   | 358.5495 | 50.9313   | -0.45       | +/-    | 0.37       |
| OSK6    | Sweden | 15.9969 | 57.0657   | 2.84        | +/-    | 1.11       |
| OSLS    | Norway | 10.3678 | 59.7366   | 5.13        | +/-    | 0.33       |
| Country | Location       | Coordinates     | Value | Standard Deviation | Error | Error Percentage |
|---------|----------------|-----------------|-------|--------------------|-------|------------------|
| OSNA    | Germany        | 8.0476          | 52.2548 | -0.19 +/- 0.38     | -0.40 |
| OST6    | Sweden         | 14.8580         | 63.4428 | 9.38 +/- 2.80      | 7.00  |
| OSTI    | Belgium        | 3.8020          | 50.6785 | -0.72 +/- 0.27     | -0.08 |
| OVE6    | Sweden         | 22.7734         | 66.3178 | 7.61 +/- 1.34      | 9.17  |
| OXFR    | UK             | 358.7115        | 51.8240 | 0.03 +/- 0.29      | -0.37 |
| PBLI    | UK             | 357.5425        | 50.5218 | -0.44 +/- 0.52     | -0.40 |
| PERS    | UK             | 357.9585        | 52.1483 | -0.30 +/- 0.12     | -0.30 |
| PET3    | UK             | 359.7368        | 52.5838 | 0.23 +/- 0.25      | -0.36 |
| PLSM    | Latvia         | 26.18300        | 57.3900 | 0.87 +/- 1.17      | 0.56  |
| PMTG    | UK             | 358.8888        | 50.8023 | -1.47 +/- 0.47     | -0.35 |
| PMTH    | UK             | 355.8738        | 50.4165 | -0.06 +/- 0.29     | -0.56 |
| POOL    | UK             | 358.0894        | 50.7759 | 0.35 +/- 0.24      | -0.40 |
| PORZ    | Germany        | 7.0693          | 50.8704 | 1.90 +/- 0.25      | -0.00 |
| POTS    | Germany        | 13.0661         | 52.3793 | 0.57 +/- 0.31      | -0.13 |
| PRAE    | UK             | 356.2797        | 50.2029 | -0.09 +/- 0.46     | -0.56 |
| PREI    | Latvia         | 26.7249         | 56.2900 | 0.68 +/- 1.20      | 0.48  |
| PRIS    | France         | 3.7703          | 50.0791 | 0.21 +/- 0.39      | -0.08 |
| PTBB    | Germany        | 10.4597         | 52.2962 | 0.32 +/- 0.19      | -0.33 |
| PULK    | Russia         | 30.3278         | 59.7718 | 0.44 +/- 0.40      | 1.28  |
| RADE    | Germany        | 7.3818          | 51.1989 | 0.90 +/- 0.33      | -0.15 |
| RALI    | UK             | 358.6851        | 51.5715 | -0.87 +/- 0.25     | -0.37 |
| REDU    | Belgium        | 5.1449          | 50.0015 | 0.72 +/- 0.20      | -0.04 |
| REDZ    | Poland         | 17.1175         | 54.4724 | 0.57 +/- 0.71      | 0.54  |
| REZI    | Latvia         | 27.3433         | 56.5278 | 0.77 +/- 1.09      | 0.48  |
| RICM    | UK             | 358.2636        | 54.4129 | 0.03 +/- 0.31      | 0.35  |
| RIE1    | Lithuania      | 21.9287         | 55.7297 | 0.47 +/- 0.66      | 0.73  |
| RIGA    | Latvia         | 24.0588         | 56.9486 | 1.38 +/- 0.33      | 0.80  |
| RKSJ    | Lithuania      | 25.5872         | 55.9579 | -0.29 +/- 0.69     | 0.51  |
| ROET    | Belgium        | 6.2016          | 50.6383 | 0.92 +/- 0.36      | -0.02 |
| RTBG    | Germany        | 14.9657         | 51.3549 | -0.23 +/- 0.66     | -0.16 |
| SAKI    | Lithuania      | 23.0489         | 54.9520 | 1.31 +/- 1.57      | 0.40  |
| SANN    | Germany        | 9.5821          | 50.3198 | 0.53 +/- 0.44      | -0.04 |
| SANO    | UK             | 358.787         | 50.6503 | -0.24 +/- 0.31     | -0.35 |
| SASS    | Germany        | 13.6433         | 54.5136 | 0.36 +/- 1.34      | 0.34  |
| SAUL    | Lithuania      | 23.3144         | 55.9565 | 0.36 +/- 0.76      | 0.78  |
| SCAO    | UK             | 359.6200        | 54.2525 | 0.57 +/- 0.31      | 0.03  |
| SCHE    | Germany        | 7.9052          | 50.3465 | 1.76 +/- 0.30      | -0.01 |
| SCHI    | Netherlands     | 6.1623          | 53.4773 | -1.22 +/- 0.28     | -0.94 |
| SG40    | Finland        | 24.9612         | 60.2038 | 4.32 +/- 1.08      | 2.75  |
| SHEE    | UK             | 0.7434          | 51.4457 | 3.10 +/- 0.26      | -0.36 |
| SHOB    | UK             | 357.1142        | 52.2429 | -0.13 +/- 0.21     | -0.25 |
| SHOE    | UK             | 0.8270          | 51.5548 | 0.26 +/- 0.26      | -0.36 |
| SHRE    | UK             | 357.2836        | 52.7179 | 0.14 +/- 0.22      | -0.25 |
| SIGU    | Latvia         | 24.8927         | 57.1488 | 2.07 +/- 0.90      | 0.57  |
| SILT    | Lithuania      | 21.4666         | 55.3419 | 2.08 +/- 1.58      | 0.66  |
| SKE0    | Sweden         | 21.0483         | 64.8792 | 11.01 +/- 0.71     | 9.12  |
| SKE8    | Sweden         | 21.0482         | 64.8792 | 9.43 +/- 3.32      | 9.12  |
| SKEE    | UK             | 0.3468          | 53.1419 | -1.32 +/- 0.25     | -0.39 |
| SLCN    | Lithuania      | 25.3848         | 54.3150 | 0.99 +/- 1.55      | 0.21  |
| SDL1    | Latvia         | 22.4988         | 56.6598 | 1.75 +/- 1.45      | 0.66  |
| SLGO    | Ireland        | 351.5368        | 54.2742 | 0.58 +/- 0.23      | 0.61  |
| SMDN    | Denmark        | 9.5593          | 55.6406 | 0.29 +/- 0.27      | -1.08 |
| SNEO    | UK             | 359.8885        | 52.1860 | -0.14 +/- 0.25     | -0.36 |
| SODA    | Finland        | 26.3890         | 67.4209 | 7.63 +/- 0.79      | 7.90  |
| SOKL    | Poland         | 23.4957         | 53.4085 | 0.35 +/- 0.79      | -0.13 |
| Location | Country | X Coordinate | Y Coordinate | Value 1 | Value 2 | Value 3 | Value 4 | Value 5 |
|----------|---------|--------------|--------------|---------|---------|---------|---------|---------|
| SOTN     | UK      | 358.5296     | 50.9377      | -1.33   | +/-     | 0.32    | -0.35   |
| SPT0     | Sweden  | 12.8913      | 57.7150      | 4.30    | +/-     | 0.23    | 1.89    |
| STAS     | Norway  | 5.5986       | 59.0177      | 1.37    | +/-     | 0.43    | 1.25    |
| STAV     | Netherlands | 5.3833 | 52.8966      | -0.62   | +/-     | 0.22    | -0.53   |
| STE1     | Germany | 8.7282       | 52.4992      | -0.62   | +/-     | 0.41    | -0.37   |
| STEE     | UK      | 359.8215     | 51.9015      | -0.33   | +/-     | 0.25    | -0.37   |
| STOR     | UK      | 353.6246     | 58.2031      | 0.0095  | 51.5446 | 0.32    | 1.89    |
| STRN     | UK      | 355.2876     | 54.8666      | 4.30    | +/-     | 0.43    | 1.25    |
| STRO     | UK      | 357.6986     | 51.7396      | -0.62   | +/-     | 0.41    | -0.37   |
| SULD     | Denmark | 9.7422       | 56.8418      | 0.77    | +/-     | 0.34    | -0.04   |
| SUN6     | Sweden  | 17.6598      | 62.2325      | 9.32    | +/-     | 1.02    | 8.43    |
| SUNB     | UK      | 359.5825     | 51.3999      | -2.57   | +/-     | 0.56    | -0.37   |
| STR2     | Estonia | 24.3803      | 58.4636      | 1.67    | +/-     | 3.95    | 1.24    |
| SURE     | Ukraine | 36.2302      | 50.0153      | 0.06    | +/-     | 1.42    | 0.18    |
| SUUR     | Estonia | 24.3803      | 59.4636      | 3.38    | +/-     | 0.59    | 1.24    |
| SVF6     | Sweden  | 14.7001      | 62.0174      | 9.01    | +/-     | 1.03    | 7.60    |
| SVNL     | Lithuania| 25.9959      | 55.1628      | 1.91    | +/-     | 1.48    | 0.51    |
| SVLT     | Russia  | 29.7809      | 60.5329      | 2.53    | +/-     | 0.50    | 2.29    |
| SWAN     | UK      | 359.4950     | 53.7365      | 0.02    | +/-     | 0.25    | -0.23   |
| SWAS     | UK      | 356.0182     | 51.5656      | -0.04   | +/-     | 0.35    | -0.46   |
| SWKI     | Poland  | 22.9282      | 54.0986      | 1.74    | +/-     | 1.98    | 0.40    |
| SWRD     | Ireland | 353.7810     | 53.4591      | -1.37   | +/-     | 0.68    | 0.31    |
| SWTG     | UK      | 359.4950     | 53.7365      | 0.02    | +/-     | 0.25    | -0.23   |
| TDRS     | Latvia  | 22.5869      | 57.2465      | 2.37    | +/-     | 1.21    | 0.50    |
| TAUH     | Lithuania| 22.2859      | 55.2523      | -0.13   | +/-     | 0.60    | 0.73    |
| TAUT     | UK      | 356.9213     | 51.0234      | -0.08   | +/-     | 0.32    | -0.41   |
| TBSB     | UK      | 0.0373       | 51.4948      | -0.72   | +/-     | 0.31    | -0.37   |
| TCEU     | UK      | 359.6565     | 53.4591      | -1.37   | +/-     | 0.68    | 0.31    |
| TGLH     | Denmark | 14.8393      | 55.2484      | -0.03   | +/-     | 0.64    | 0.63    |
| TELL     | Belgium | 5.2096       | 50.0516      | -2.30   | +/-     | 0.94    | -0.04   |
| TELS     | Lithuania| 22.2410      | 55.9852      | -0.50   | +/-     | 0.62    | 0.73    |
| TERS     | Netherlands| 5.2194 | 53.3627      | -0.74   | +/-     | 0.22    | -0.95   |
| TGBF     | Germany | 6.7479       | 53.5574      | -0.30   | +/-     | 0.33    | -0.89   |
| TGBH     | Germany | 8.5682       | 53.5450      | -0.15   | +/-     | 0.33    | -0.71   |
| TGBU     | Germany | 8.8592       | 54.1217      | -0.45   | +/-     | 0.35    | -1.12   |
| TGCU     | Germany | 8.7175       | 53.8677      | 0.32    | +/-     | 0.36    | -0.71   |
| TGD2     | Germany | 6.9262       | 53.4336      | -0.18   | +/-     | 0.42    | -0.89   |
| TGD3     | Germany | 6.8671       | 54.7305      | 0.14    | +/-     | 0.49    | -1.12   |
| TGDE     | Norway  | 7.5548       | 58.0064      | 1.46    | +/-     | 0.21    | 1.12    |
| TGEM     | Germany | 7.1863       | 53.3368      | -0.04   | +/-     | 0.31    | -0.89   |
| TGFI     | Denmark | 6.5878       | 54.0148      | 0.39    | +/-     | 0.25    | -1.42   |
| TGKN     | Germany | 7.0307       | 53.3272      | -1.21   | +/-     | 0.35    | -0.89   |
| TGME     | Germany | 8.0926       | 53.7717      | -1.41   | +/-     | 0.62    | -0.81   |
| TGPI     | Germany | 7.2598       | 53.3214      | -0.47   | +/-     | 0.60    | -0.89   |
| TGPB     | Germany | 7.3656       | 53.1082      | -0.15   | +/-     | 0.53    | -0.89   |
| TGRN     | Belgium | 5.4779       | 50.7705      | 0.59    | +/-     | 0.33    | -0.04   |
| TGTE     | Germany | 7.3961       | 53.2927      | 0.01    | +/-     | 0.65    | -0.89   |
| TGDW     | Germany | 8.3839       | 54.6318      | -0.38   | +/-     | 0.58    | -1.31   |
| TGWE     | Germany | 7.3720       | 53.1609      | 0.07    | +/-     | 0.39    | -0.89   |
| TGWH     | Germany | 8.1702       | 53.5383      | 0.36    | +/-     | 0.32    | -0.81   |
| THUS     | UK      | 356.2750     | 58.5816      | 0.44    | +/-     | 0.55    | 0.92    |
| TILM     | Belgium | 5.5666       | 50.5826      | 0.93    | +/-     | 0.23    | -0.02   |
| TIR1     | UK      | 353.1194     | 56.5000      | -0.91   | +/-     | 0.71    | 1.21    |
| Code   | Country      | Latitude | Longitude | Temperature | Standard Deviation | Deviation |
|--------|--------------|----------|-----------|-------------|-------------------|-----------|
| TITZ   | Germany      | 6.4316   | 51.0353   | 0.65        | +/- 0.35          | -0.18     |
| TLLG   | Ireland      | 353.6365 | 53.2915   | -0.03       | +/- 0.34          | 0.31      |
| TOIL   | Estonia      | 27.536   | 59.4220   | 2.05        | +/- 0.65          | 1.37      |
| TOR2   | Estonia      | 26.4616  | 58.2647   | 1.14        | +/- 0.91          | 0.60      |
| TRDS   | Norway       | 10.3192  | 63.3714   | 4.42        | +/- 0.39          | 2.38      |
| TRO1   | Norway       | 18.9396  | 69.6627   | 3.30        | +/- 0.48          | 1.06      |
| TROM   | Norway       | 18.9383  | 69.6627   | 3.08        | +/- 0.32          | 1.06      |
| TUR1   | Belgium      | 4.9491   | 51.3129   | 0.07        | +/- 0.33          | -0.22     |
| UIST   | UK           | 352.6251 | 57.3534   | -0.33       | +/- 0.36          | 0.88      |
| UMME6  | Sweden       | 19.5095  | 63.5781   | 8.65        | +/- 1.24          | 8.70      |
| UTEN   | Lithuania    | 25.6328  | 55.3061   | -1.45       | +/- 1.24          | 0.51      |
| VAAS   | Finland      | 21.7706  | 62.9612   | 9.40        | +/- 0.59          | 7.31      |
| VAE6   | Sweden       | 12.0351  | 58.6932   | 5.29        | +/- 0.89          | 3.78      |
| VAL8   | Latvia       | 25.4059  | 57.5360   | 1.46        | +/- 2.80          | 0.57      |
| VAR1   | Lithuania    | 24.5954  | 54.2159   | -0.72       | +/- 0.69          | 0.21      |
| VARD   | Norway       | 31.1040  | 70.3750   | 3.01        | +/- 0.42          | 0.66      |
| VARS   | Norway       | 31.0312  | 70.3364   | 3.15        | +/- 0.28          | 0.66      |
| VEIS   | Lithuania    | 23.7044  | 54.0939   | -0.11       | +/- 0.66          | 0.34      |
| VERD   | Germany      | 9.2359   | 52.9135   | 0.39        | +/- 0.47          | -0.37     |
| VGTU   | Lithuania    | 25.3377  | 54.7215   | -0.39       | +/- 1.10          | 0.21      |
| VIKC   | Norway       | 11.2422  | 64.8637   | 3.84        | +/- 0.56          | 2.09      |
| VIL0   | Sweden       | 16.5599  | 64.6978   | 8.78        | +/- 0.59          | 7.50      |
| VIL6   | Sweden       | 16.5599  | 64.6978   | 8.57        | +/- 2.89          | 7.50      |
| VIS0   | Sweden       | 18.3673  | 57.6539   | 3.22        | +/- 0.48          | 1.34      |
| VIS6   | Sweden       | 18.3674  | 57.6539   | 3.23        | +/- 1.36          | 1.34      |
| VIT2   | Belgium      | 6.0853   | 50.3166   | 2.51        | +/- 0.93          | -0.02     |
| VLIE   | Netherlands  | 5.0919   | 53.2962   | -0.55       | +/- 0.38          | -0.95     |
| VLIS   | Netherlands  | 3.5973   | 51.4429   | -0.46       | +/- 0.26          | -0.27     |
| VLIN   | Lithuania    | 25.2987  | 54.6531   | -0.25       | +/- 0.38          | 0.21      |
| VOER   | Belgium      | 5.7103   | 50.7575   | 0.71        | +/- 0.29          | -0.02     |
| VRE2   | Germany      | 6.7736   | 52.0538   | -0.62       | +/- 0.35          | -0.44     |
| WANN   | France       | 3.2660   | 50.5698   | -0.17       | +/- 0.27          | -0.13     |
| WARE   | Belgium      | 5.2453   | 50.6899   | 0.65        | +/- 0.28          | -0.04     |
| WARI   | UK           | 357.8183 | 51.2048   | 0.56        | +/- 0.42          | -0.38     |
| WARN   | Germany      | 12.1014  | 54.1698   | 0.28        | +/- 0.42          | -0.20     |
| WATN   | UK           | 358.7499 | 53.0058   | 0.78        | +/- 0.56          | -0.23     |
| WATT   | UK           | 0.9581   | 52.1239   | -0.18       | +/- 0.25          | -0.48     |
| WEAR   | UK           | 357.7696 | 54.7491   | 0.52        | +/- 0.28          | 0.35      |
| WEIM   | UK           | 0.0076   | 51.1010   | 0.93        | +/- 0.73          | -0.37     |
| WEL2   | UK           | 359.3754 | 52.3075   | -0.44       | +/- 0.28          | -0.36     |
| WERB   | Belgium      | 5.6769   | 50.3822   | 0.70        | +/- 0.29          | -0.02     |
| WEYB   | UK           | 1.1303   | 52.9449   | -0.56       | +/- 0.19          | -0.48     |
| WLAD   | Poland       | 18.4188  | 54.7968   | 0.78        | +/- 0.86          | 0.51      |
| WREN   | Germany      | 12.6807  | 53.5183   | 0.49        | +/- 0.56          | -0.02     |
| WSRA   | Netherlands  | 6.6045   | 52.9146   | -0.34       | +/- 0.28          | -0.44     |
| WSRT   | Netherlands  | 6.6045   | 52.9146   | -0.07       | +/- 0.56          | -0.44     |
| YEAS   | UK           | 358.8999 | 54.1623   | 0.62        | +/- 0.14          | 0.03      |
| ZEEB   | Belgium      | 3.2082   | 51.3359   | -0.22       | +/- 0.34          | -0.32     |
| ZWE2   | Russia       | 36.7584  | 55.6993   | 0.51        | +/- 0.70          | -0.05     |
| ZWEN   | Russia       | 36.7586  | 55.6993   | 1.58        | +/- 0.92          | -0.05     |