

# Wetterdaten Deutschland

Tägliche Beobachtungen und Messungen der Wetterstationen des DWD

# Weather data Germany

Daily observations and measurements of meteorological stations of the DWD

# Données météorologiques Allemagne

Observations et mesures quotidiennes de stations météorologiques du DWD

# Datos meteorológicos Alemania

Observaciones y mediciones diarias de estaciones del DWD



## Amtsblatt des Deutschen Wetterdienstes

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|---|---|--|------------|--------------------------------------|-----|
| Jahrgang<br>Volume<br>Volume<br>Volumen | 2 | <b>Sonntag<br/>Sunday<br/>Dimanche<br/>Domingo</b> | 14.04.1996 | Nummer<br>Number<br>Número<br>Número | 105 |
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|--|--|--|---|
| Bodenwettermeldungen<br>00, 03, 06, 09, 12, 15, 18, 21 UTC | Surface data<br>00, 03, 06, 09, 12, 15, 18, 21 UTC | Données en surface<br>00, 03, 06, 09, 12, 15, 18, 21 UTC | Datos de superficie<br>00, 03, 06, 09, 12, 15, 18, 21 UTC |
| Aerologische Wettermeldungen<br>00, 12 UTC                 | Upper-air data<br>00, 12 UTC                       | Données en altitude<br>00, 12 UTC                        | Datos en altitud<br>00, 12 UTC                            |
| Höhenwinde<br>06, 18 UTC                                   | Upperwind<br>06, 18 UTC                            | Vent en altitude<br>06, 18 UTC                           | Viento en altitud<br>06, 18 UTC                           |

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# Wetterdaten Deutschland

Beobachtungen und Messungen der Wetterstationen des DWD

Jahrgang 2

SONNTAG den 14. April 1996

Nummer 105

| Station              | Höhe<br>m | ihVV<br>Rx | Nddff | 00 Uhr UTC |               |       |       | 7wwW<br>12 | 8NCCC<br>hLMH | ff-ff<br>xx gg |
|----------------------|-----------|------------|-------|------------|---------------|-------|-------|------------|---------------|----------------|
|                      |           |            |       | 1sTTT<br>n | 2sTTT<br>nddd | 4PPPP | 5appp |            |               |                |
| Helgoland            | 4         | 015        | 32965 | 03605      | 10029         | 20015 | 40249 | 50002      |               |                |
| List/Sylt            | 26        | 020        | 32980 | 00103      | 10040         | 21018 | 40255 | 53003      |               |                |
| Leck                 | 7         | 022        | 32975 | 03402      | 11022         | 21040 | 40254 | 51005      |               |                |
| Husum                | 28        | 026        | 32970 | 03406      | 11008         | 21022 | 40247 | 54000      |               |                |
| Glücksburg/Meierwik  | 27        | 033        | 42981 | 00203      | 10008         | 21030 | 40253 | 51004      |               |                |
| Schleswig            | 43        | 035        | 32965 | 10205      | 10005         | 21029 | 40252 | 54000      |               | 81030          |
| Hohn                 | 12        | 038        | 42962 | 02803      | 11020         | 21054 | 40248 | 51002      |               |                |
| Kiel-Holtenau        | 31        | 046        | 42670 | 23002      | 10009         | 21014 | 40243 | 54000      |               | 82500          |
| Puttgarden           | 1         | 063        | 36/60 | /3405      | 10029         | 20020 | 40236 | 52002      |               |                |
| Arkona               | 42        | 091        | 32786 | 40524      | 10021         | 21019 | 40229 | 51003      |               | 84500 25 29    |
| Norderney            | 11        | 113        | 32965 | 00407      | 10024         | 20006 | 40251 | 51001      |               |                |
| Bremerhaven          | 7         | 129        | 32968 | 00704      | 10039         | 21005 | 40247 | 53001      |               |                |
| Cuxhaven             | 5         | 131        | 32962 | 00805      | 10039         | 20019 | 40250 | 52006      |               |                |
| Hamburg, Flugh.      | 16        | 147        | 32770 | 63102      | 11001         | 21018 | 40241 | 52003      |               | 86500          |
| Lübeck-Blankensee    | 14        | 156        |       |            |               |       |       |            |               |                |
| Boltenhagen          | 15        | 161        | 32560 | 83408      | 10031         | 20008 | 40238 | 55000      |               | 885//          |
| Schwerin             | 59        | 162        | 32660 | 73204      | 10031         | 20009 | 40235 | 50001      |               | 875//          |
| Rostock-Warnemünde   | 4         | 170        | 11960 | 70205      | 10029         | 20007 | 40232 | 51003      | 69901         | 70262 8702//   |
| Teterow              | 46        | 177        | 36/60 | /0104      | 10008         | 21008 | 40226 | 53002      |               |                |
| Barth                | 7         | 180        | 36/59 | /3506      | 10015         | 21017 | 40229 | 52003      |               |                |
| Greifswald           | 2         | 184        | 32780 | 80309      | 10030         | 21016 | 40221 | 51004      |               | 885//          |
| Uckermünde           | 1         | 193        | 36/59 | /0212      | 10020         | 21009 | 40213 | 51003      |               |                |
| Emden-Hafen          | 5         | 203        | 36/59 | /0407      | 10021         | 20004 | 40247 | 53001      |               |                |
| Oldenburg            | 11        | 212        | 32470 | 00000      | 11007         | 21019 | 40244 | 51003      |               |                |
| Bremen, Flugh.       | 3         | 224        | 32965 | 00701      | 10043         | 21010 | 40242 | 51004      |               |                |
| Soltau               | 77        | 235        | 36/// | /3502      | 11010         | 21024 | 40244 | 52002      |               |                |
| Boizenburg           | 45        | 249        | 36/60 | /3504      | 10029         | 20008 | 40243 | 52003      |               |                |
| Lüchow               | 17        | 253        | 36/// | /3505      | 10018         | 20003 | 40233 | 51003      |               |                |
| Seehausen            | 21        | 261        | 36/60 | /3208      | 10014         | 21015 | 40231 | 51003      |               |                |
| Marnitz              | 81        | 264        | 36/60 | /3406      | 10007         | 21023 | 40229 | 51003      |               |                |
| Neuruppin            | 38        | 270        | 31950 | 03508      | 10019         | 21007 | 40213 | 51002      |               | 71011          |
| Neubrandenburg       | 81        | 280        | 32764 | 73610      | 10022         | 21008 | 40221 | 51004      |               |                |
| Angermünde           | 56        | 291        | 31557 | 83413      | 10021         | 20001 | 40199 | 53005      |               | 71022 875// 25 |
| Lingen               | 24        | 305        | 32975 | 10403      | 10031         | 21004 | 40242 | 52005      |               |                |
| Münster/Osnabrück    | 48        | 315        | 32765 | 70704      | 10058         | 20016 | 40237 | 53006      |               | 875//          |
| Osnabrück            | 95        | 317        | 36/60 | /0803      | 10057         | 21002 | 40241 | 53005      |               |                |
| Diepholz             | 39        | 321        | 32775 | 70601      | 10056         | 21005 | 40241 | 53005      |               | 875//          |
| Bad Salzuflen        | 135       | 325        | 36/60 | /0402      | 10028         | 21016 | 40240 | 51006      |               |                |
| Hannover, Flugh.     | 56        | 338        | 32770 | 70203      | 10033         | 21009 | 40238 | 52004      |               | 875//          |
| Braunschweig         | 81        | 348        | 32865 | 43405      | 10019         | 21006 | 40235 | 52004      |               | 84500          |
| Gardelegen           | 47        | 359        | 36/60 | /3506      | 10014         | 21010 | 40230 | 51004      |               |                |
| Magdeburg            | 79        | 361        | 32964 | 03205      | 10000         | 21016 | 40227 | 51004      |               |                |
| Potsdam              | 81        | 379        | 32666 | 83308      | 10016         | 20003 | 40208 | 51002      |               |                |
| Berlin-Dahlem        | 51        | 381        | 11465 | 73612      | 10023         | 21004 | 40242 | 52005      | 69901         | 70262 875//    |
| Berlin-Tegel, Flugh. | 37        | 382        | 32470 | 03509      | 10024         | 21002 | 40197 | 50003      | 69901         | 70151 84500    |
| Berlin-Temp., Flugh. | 50        | 384        | 11470 | 73512      | 10021         | 21001 | 40204 | 51003      | 69901         | 70162 875// 25 |
| Berlin-Schönefeld    | 47        | 385        | 11462 | 73511      | 10023         | 20002 | 40198 | 53007      | 69901         | 70252 876//    |
| Lindenberg           | 98        | 393        | 11350 | 83410      | 10019         | 20016 | 40186 | 53006      | 60011         | 76062 877//    |
| Manschnow            | 12        | 396        | 16/56 | /3312      | 10027         | 20015 | 40178 | 53004      | 60021         |                |
| Düsseldorf, Flugh.   | 45        | 400        | 32970 | 11003      | 10016         | 21019 | 40237 | 52008      |               | 80001          |
| Bocholt              | 21        | 406        | 36/58 | /0403      | 10013         | 21027 | 40235 | 51007      |               |                |
| Essen                | 152       | 410        | 36/59 | /0905      | 10033         | 21016 | 40240 | 53006      |               |                |
| Lüdenscheid          | 387       | 418        | 36/60 | /0703      | 10005         | 21033 | 40240 | 51005      |               |                |
| Kahler Asten         | 839       | 427        | 32970 | 00513      | 11021         | 21034 | 40485 | 53004      |               |                |
| Bad Lippspringe      | 157       | 430        | 36/// | /0202      | 10012         | 21020 | 40242 | 53006      |               |                |
| Kassel               | 231       | 438        | 32975 | 03604      | 10024         | 21003 | 40230 | 52006      |               |                |
| Göttingen            | 167       | 444        | 36/19 | /2701      | 10009         | 21006 | 40237 | 51006      |               |                |
| Leinefelde           | 356       | 449        | 36/// | /3103      | 10006         | 21012 | 40233 | 51006      |               |                |
| Braunlage            | 607       | 452        | 16/60 | /0105      | 10003         | 21020 | 40228 | 53003      | 69901         |                |
| Brocken              | 1142      | 453        | 31/90 | 90225      | 11036         | 21038 | 48483 | 54000      |               | 74944 25 31    |
| Artern               | 164       | 460        | 11562 | 80204      | 10034         | 20007 | 40227 | 52005      | 69901         | 70262 885//    |
| Leipzig-Schkeuditz   | 144       | 469        | 32462 | 13212      | 10021         | 20001 | 40213 | 50002      |               | 81500          |
| Wittenberg           | 105       | 474        | 11962 | 03409      | 10017         | 20000 | 40208 | 52002      | 69901         | 70261          |
| Oschatz              | 150       | 480        | 11460 | 83314      | 10025         | 20011 | 40202 | 58001      | 69901         | 70285 885//    |
| Dresden-Klotzsche    | 222       | 488        | 11250 | 83212      | 10014         | 20008 | 40191 | 57001      | 69901         | 72352 876//    |
| Dobrußlug-Kirchhain  | 45        | 490        | 11559 | 83505      | 10026         | 21009 | 40196 | 55001      | 69901         | 70262 885//    |
| Cottbus              | 69        | 496        | 11257 | 83507      | 10025         | 20013 | 40182 | 53001      | 69941         | 75952 887//    |
| Görlitz              | 237       | 499        | 11240 | 83108      | 10007         | 21003 | 40169 | 50000      | 60011         | 77177 877//    |
| Aachen               | 202       | 501        | 32970 | 30804      | 10035         | 21024 | 40225 | 53007      |               | 80001          |
| Nörvenich            | 118       | 502        | 42975 | 10603      | 10015         | 21016 | 40237 | 50007      |               | 80001          |
| Nürburg/Barweiler    | 485       | 506        | 32966 | 01105      | 10013         | 21028 | 40229 | 51008      |               |                |
| Köln/Bonn, Flugh.    | 91        | 513        | 32970 | 10802      | 10010         | 21020 | 40233 | 51009      |               | 80001          |
| Mendig               | 182       | 514        | 42968 | 30000      | 10004         | 21030 | 40237 | 52007      |               | 80001          |
| Bendorf              | 127       | 515        | 36/60 | /0702      | 10027         | 21011 | 40229 | 51007      |               |                |
| Bad Marienberg       | 547       | 526        |       |            |               |       |       |            |               |                |
| Giessen              | 186       | 532        | 32975 | 53302      | 10001         | 21023 | 40240 | 52008      |               | 80001          |
| Bad Hersfeld         | 273       | 542        | 36/60 | /0801      | 11009         | 21025 | 40240 | 51004      |               |                |
| Wasserkuppe          | 921       | 544        | 32358 | 80209      | 11017         | 21022 | 48484 | 51004      |               | 885//          |
| Meiningen            | 450       | 548        | 32560 | 83405      | 10020         | 21012 | 40226 | 52002      |               | 882//          |
| Schmücke             | 937       | 552        | 16/// | /0407      | 10021         | 21027 | 48475 | 54000      | 69901         |                |
| Erfurt-Bindersleben  | 315       | 554        | 11462 | 83606      | 10027         | 20003 | 40226 | 51004      | 69901         | 70272 885//    |
| Neuhaus a.R.         | 845       | 557        | 11/01 | 90107      | 11013         | 21013 | 48471 | 55000      | 69901         | 74174          |
| Gera-Leumnitz        | 311       | 567        | 11570 | 83310      | 10021         | 20006 | 40211 | 52003      | 69911         | 70272 885//    |
| Chemnitz             | 418       | 577        | 11345 | 83412      | 10009         | 20002 | 40205 | 50000      | 69901         | 75052 877//    |
| Fichtelberg          | 1213      | 578        | 11/00 | 93125      | 11041         | 21043 | 48447 | 53005      | 69961         | 77153 33 43    |
| Zinnwald-Georg.      | 877       | 582        | 16/02 | /3319      | 11024         | 21029 | 48438 | 57001      | 60021         | 22 33          |
| Lichtenhain/Mitteind | 300       | 591        | 16/56 | /3214      | 10002         | 21007 | 40181 | 58003      | 69991         |                |
| Trier-Petrisberg     | 265       | 609        | 32980 | 20507      | 10040         | 21027 | 40217 | 52007      |               | 82030          |
| Deuselbach           | 480       | 615        |       |            |               |       |       |            |               |                |
| Pferdsfeld           | 396       | 626        | 42961 | 10504      | 10011         | 21028 | 40234 | 52003      |               | 80001          |
| Kl.Feldberg/Ts.      | 805       | 635        | 36/60 | /0710      | 11009         | 21031 | 48490 | 51008      |               |                |
| Frankfurt/M.,Flugh.  | 111       | 637        | 32970 | 10403      | 10011         | 21018 | 40235 | 52009      |               | 80001          |
| Michelstadt/Vielbrun | 453       | 648        | 36/59 | /1303      | 10001         | 21041 | 40237 | 53007      |               |                |
| Würzburg             | 268       | 655        | 32678 | 72702      | 10013         | 21024 | 40226 | 52005      |               | 875//          |
| Bad Kissingen        | 262       | 658        | 36/60 | /0000      | 10005         | 21019 | 40231 | 52003      |               |                |
| Coburg               | 322       | 671        | 36/60 | /3608      | 10036         | 21006 | 40222 | 52002      |               |                |
| Bamberg              | 239       | 675        | 36/60 | /0000      | 10025         | 21008 | 40222 | 54000      |               |                |
| Hof                  | 567       | 685        | 11256 | 83408      | 10004         | 21008 | 40214 | 54000      | 69901         | 72682 886//    |
| Weiden               | 438       | 688        | 32465 | 82904      | 10015         | 21017 | 40215 | 55000      | 69901         | 75052 885//    |
| Beruf                | 363       | 704        | 36/59 | /0408      | 10020         | 21025 | 40217 | 53006      |               |                |
| Tholey               | 396       | 706        | 36/60 | /0407      | 10019         | 21032 | 40224 | 53006      |               |                |
| Saarbrücken, Flugh.  | 322       | 708        | 32980 | 20707      | 10023         | 21033 | 40223 | 52009      |               | 80001          |
| Weinbiet             | 553       | 724        | 36/60 | /1111      | 10011         | 21036 | 40224 | 51005      |               |                |
| Karlsruhe            | 112       | 727        |       |            |               |       |       |            |               |                |
| Mannheim             | 96        | 729        | 32981 | 00103      | 10014         | 21028 | 40225 | 52007      |               |                |
| Stuttgart, Flugh.    | 396       | 738        | 32970 | 50604      | 10010         | 21026 | 40223 | 51003      |               | 80002          |
| Stuttgart/Schnarrenb | 314       | 739        | 32980 | 21003      | 10018         | 20002 | 40225 | 51005      |               | 80001          |
| Öhringen             | 276       | 742        | 36/60 | /0000      | 10011         | 21024 | 40237 | 53008      |               |                |
| Weissenburg          | 422       | 761        | 36/60 | /2102      | 10004         | 21024 | 40229 | 52001      |               |                |
| Nürnberg             | 319       | 763        | 32665 | 72603      | 10004         | 21012 | 40221 | 50002      |               | 875//          |
| Regensburg           | 366       | 776        | 32675 | 82604      | 10020         | 21021 | 40216 | 55000      |               | 875//          |
| Straubing            | 350       | 788        | 32575 | 82906      | 10022         | 21028 | 40213 | 50001      |               | 885//          |
| Gr. Arber            | 1437      | 791        |       |            |               |       |       |            |               |                |
| Freiburg             | 269       | 803        | 32959 | 70907      | 10043         | 20004 | 40200 | 58002      |               | 83016          |
| Lahr                 | 155       | 805        | 32958 | 09902      | 10041         | 20002 | 40205 | 50001      |               |                |
| Freudenstadt         | 797       | 815        | 36/60 | /0905      | 11014         | 21036 | 48478 | 51003      |               |                |
| Klippeneck           | 973       | 818        | 36/// | /1014      | 11018         | 21029 | 48471 | 51001      |               |                |
| Stötten              | 734       | 836        | 32983 | 11304      | 11013         | 21046 | 40226 | 51001      |               |                |
| Ulm                  | 567       | 838        | 36/60 | /3302      | 11001         | 21036 | 40222 | 51003      |               |                |
| Augsburg             | 461       | 852        | 32965 | 70202      | 11002         | 21012 | 40228 |            |               |                |

03 Uhr UTC

00-03

| Station              | Hoehe | iii | ihVV  | Nddff | 1sTTT | 2sTTT | 4PPPP | 5appp | 7wwWW | BNCCC       | ff-ff |
|----------------------|-------|-----|-------|-------|-------|-------|-------|-------|-------|-------------|-------|
|                      |       | Rx  |       |       | n     | nddd  |       |       | 12    | hLMH        | xx gg |
| Helgoland            | 4     | 015 | 42965 | 00504 | 10027 | 20010 | 40250 | 52001 |       |             |       |
| List/Sylt            | 26    | 020 | 42980 | 03608 | 10016 | 21006 | 40255 | 55000 |       |             |       |
| Leck                 | 7     | 022 | 42975 | 03303 | 11024 | 21038 | 40254 | 54000 |       |             |       |
| Husum                | 28    | 026 | 42970 | 03206 | 11020 | 21033 | 40247 | 54000 |       |             |       |
| Glücksburg/Meterwik  | 27    | 033 | 42982 | 03302 | 11014 | 21043 | 40251 | 58003 |       |             |       |
| Schleswig            | 43    | 035 | 42962 | 03205 | 11005 | 21036 | 40252 | 55000 |       |             |       |
| Hohn                 | 12    | 038 | 42960 | 03103 | 11015 | 21042 | 40248 | 54000 |       |             |       |
| Kiel-Holtenau        | 31    | 046 | 42670 | 13302 | 11011 | 21035 | 40245 | 51002 |       | 81500       |       |
| Puttgarden           | 1     | 063 | 46/60 | /0104 | 10018 | 20017 | 40237 | 52001 |       |             |       |
| Arkona               | 42    | 091 | 42782 | 10217 | 10013 | 21028 | 40231 | 53002 |       | 81501 23    |       |
| Norderney            | 11    | 113 | 42965 | 00203 | 10022 | 20006 | 40252 | 53001 |       |             |       |
| Bremerhaven          | 7     | 129 | 42966 | 00704 | 10028 | 21000 | 40250 | 53003 |       |             |       |
| Cuxhaven             | 5     | 131 | 42962 | 00302 | 10025 | 20004 | 40251 | 53001 |       |             |       |
| Hamburg, Flugh.      | 16    | 147 | 42770 | 73002 | 10005 | 21013 | 40241 | 55000 |       | 875//       |       |
| Lübeck-Blankensee    | 14    | 156 |       |       |       |       |       |       |       |             |       |
| Boltenhagen          | 15    | 161 | 41556 | 53208 | 10023 | 20005 | 40239 | 53001 |       | 71022 85500 |       |
| Schwerin             | 59    | 162 | 42960 | 23404 | 10019 | 20000 | 40237 | 53002 |       | 80001       |       |
| Rostock-Warnemünde   | 4     | 170 | 42959 | 00104 | 10011 | 21009 | 40233 | 54000 |       |             |       |
| Teterow              | 46    | 177 | 46/60 | /3605 | 10008 | 21013 | 40227 | 53001 |       |             |       |
| Barth                | 7     | 180 | 46/60 | /3607 | 10012 | 21028 | 40229 | 54000 |       |             |       |
| Greifswald           | 2     | 184 | 42775 | 83608 | 10025 | 21028 | 40229 | 54000 |       | 885//       |       |
| Uckermünde           | 1     | 193 | 42964 | 03306 | 10016 | 21010 | 40217 | 52004 |       |             |       |
| Emden-Hafen          | 5     | 203 | 46/36 | /0305 | 10014 | 20004 | 40248 | 53001 |       |             |       |
| Oldenburg            | 11    | 215 | 41950 | 00000 | 11029 | 21040 | 40244 | 54000 |       | 71000       |       |
| Bremen, Flugh.       | 3     | 224 | 42970 | 00102 | 11009 | 21031 | 40245 | 53003 |       |             |       |
| Soltau               | 77    | 235 | 46/// | /3304 | 11010 | 21016 | 40244 | 50000 |       |             |       |
| Boizenburg           | 45    | 249 | 46/60 | /3105 | 10024 | 20002 | 40242 | 55001 |       |             |       |
| Lüchow               | 17    | 253 | 46/// | /3304 | 10008 | 21001 | 40235 | 52002 |       |             |       |
| Seehausen            | 21    | 261 | 46/56 | /3109 | 10003 | 21016 | 40231 | 50000 |       |             |       |
| Marnitz              | 81    | 264 | 46/56 | /3204 | 10001 | 21016 | 40231 | 52001 |       |             |       |
| Neuruppin            | 38    | 270 | 41650 | 63510 | 10021 | 21017 | 40223 | 52001 |       | 70511 82550 |       |
| Neubrandenburg       | 81    | 280 | 42765 | 73606 | 10016 | 21017 | 40223 | 52001 |       |             |       |
| Angermünde           | 56    | 291 | 42862 | 83416 | 10019 | 21008 | 40200 | 51001 |       |             |       |
| Lingen               | 24    | 305 | 42975 | 00302 | 10003 | 21010 | 40246 | 53002 |       |             |       |
| Münster/Osnabrück    | 48    | 315 | 42665 | 70702 | 10043 | 21003 | 40240 | 53002 |       |             |       |
| Osnabrück            | 95    | 317 | 46/60 | /0902 | 10023 | 21006 | 40245 | 53002 |       |             |       |
| Diepholz             | 39    | 321 | 42775 | 73601 | 10040 | 20003 | 40242 | 51001 |       |             |       |
| Bad Salzflen         | 135   | 325 | 46/59 | /0502 | 10031 | 21010 | 40239 | 55000 |       |             |       |
| Hannover, Flugh.     | 56    | 338 | 42765 | 72001 | 10021 | 21012 | 40240 | 53002 |       |             |       |
| Braunschweig         | 81    | 348 | 42765 | 53403 | 10006 | 21008 | 40235 | 54000 |       |             |       |
| Gardelegen           | 47    | 359 | 46/60 | /3605 | 10022 | 21010 | 40230 | 50000 |       |             |       |
| Magdeburg            | 79    | 361 | 42964 | 03306 | 10003 | 21021 | 40228 | 53001 |       |             |       |
| Potsdam              | 81    | 379 | 42766 | 73209 | 10009 | 21006 | 40210 | 51002 |       |             |       |
| Berlin-Dahlem        | 51    | 381 | 42770 | 73508 | 10021 | 21001 | 40203 | 53001 |       |             |       |
| Berlin-Tegel, Flugh. | 37    | 382 | 42875 | 73505 | 10021 | 21009 | 40199 | 53002 |       |             |       |
| Berlin-Temp., Flugh. | 50    | 384 | 42875 | 73509 | 10020 | 21008 | 40204 | 55000 |       |             |       |
| Berlin-Schönefeld    | 47    | 385 | 42862 | 73410 | 10020 | 21007 | 40197 | 55001 |       |             |       |
| Lindenberg           | 98    | 393 | 41856 | 83407 | 10016 | 20012 | 40187 | 53001 |       | 71062 885// |       |
| Manschnow            | 12    | 396 | 46/57 | /3412 | 10022 | 20008 | 40180 | 53002 |       |             |       |
| Düsseldorf, Flugh.   | 45    | 400 | 42970 | 00902 | 11009 | 21026 | 40236 | 55001 |       |             |       |
| Bocholt              | 21    | 406 | 46/50 | /0303 | 11020 | 21039 | 40235 | 55000 |       |             |       |
| Essen                | 152   | 410 | 42982 | 00908 | 10028 | 21021 | 40240 | 55000 |       |             |       |
| Lüdenscheid          | 387   | 418 | 46/60 | /0703 | 11016 | 21036 | 40241 | 56001 |       |             |       |
| Kahler Asten         | 839   | 427 | 42462 | 10710 | 11024 | 21030 | 48483 | 55001 |       |             |       |
| Bad Lippspringe      | 157   | 430 | 46/// | /1001 | 11019 | 21030 | 40242 | 55001 |       | 81500       |       |
| Kassel               | 231   | 438 | 42975 | 03602 | 10001 | 21007 | 40236 | 52003 |       |             |       |
| Göttingen            | 167   | 444 | 46/18 | /1502 | 10007 | 21004 | 40239 | 51002 |       |             |       |
| Leinefelde           | 356   | 449 | 46/// | /3203 | 10006 | 21014 | 40237 | 52003 |       |             |       |
| Braunlage            | 607   | 452 | 46/60 | /0107 | 11002 | 21029 | 40227 | 56002 |       |             |       |
| Brocken              | 1142  | 453 | 41/90 | 90329 | 11039 | 21041 | 48483 | 55000 |       | 74944 31 34 |       |
| Artern               | 164   | 460 | 42963 | 03405 | 10012 | 21008 | 40232 | 53003 |       |             |       |
| Leipzig-Schkeuditz   | 144   | 469 | 42962 | 23310 | 10003 | 21011 | 40218 | 51003 |       | 82030       |       |
| Wittenberg           | 105   | 474 | 42863 | 73509 | 10013 | 21011 | 40208 | 55000 |       |             |       |
| Oschatz              | 150   | 480 | 42566 | 83212 | 10015 | 20003 | 40205 | 51002 |       |             |       |
| Dresden-Klotzsche    | 22    | 489 | 42566 | 83213 | 10012 | 20003 | 40193 | 53002 |       | 72022 876// |       |
| Dobbertin-Kirchhain  | 97    | 490 | 42662 | 83215 | 10018 | 20002 | 40199 | 53003 |       |             |       |
| Cottbus              | 69    | 496 | 41360 | 83407 | 10026 | 20013 | 40184 | 53002 |       | 72162 886// |       |
| Görlitz              | 237   | 499 | 41240 | 83210 | 10008 | 20000 | 40168 | 55001 |       | 77177 877// |       |
| Aachen               | 202   | 501 | 42965 | 30601 | 10016 | 21023 | 40228 | 53001 |       |             |       |
| Nörvenich            | 118   | 502 | 42970 | 01301 | 11014 | 21026 | 40241 | 53002 |       |             |       |
| Nürburg/Barweiler    | 485   | 506 | 42966 | 00904 | 11003 | 21031 | 40231 | 55001 |       |             |       |
| Köln/Bonn, Flugh.    | 91    | 513 | 42968 | 00602 | 11022 | 21037 | 40234 | 54000 |       |             |       |
| Mendig               | 182   | 514 | 42962 | 30000 | 11009 | 21033 | 40239 | 53001 |       |             |       |
| Bendorf              | 127   | 515 | 46/60 | /0803 | 10007 | 21014 | 40231 | 53001 |       | 80001       |       |
| Bad Marienberg       | 547   | 526 |       |       |       |       |       |       |       |             |       |
| Giessen              | 186   | 532 | 42975 | 43303 | 11014 | 21031 | 40238 | 56003 |       |             |       |
| Bad Hersfeld         | 273   | 542 | 46/60 | /3502 | 10002 | 21014 | 40242 | 51002 |       |             |       |
| Wasserkuppe          | 921   | 544 | 42158 | 80410 | 11021 | 21024 | 48482 | 55001 |       |             |       |
| Meiningen            | 450   | 548 | 42560 | 83508 | 10018 | 21009 | 40230 | 52003 |       | 885//       |       |
| Schmücke             | 937   | 552 | 46/// | /0307 | 11029 | 21034 | 48475 | 52002 |       | 882//       |       |
| Erfurt-Bindersleben  | 315   | 554 | 42564 | 23206 | 10007 | 21012 | 40235 | 53004 |       |             |       |
| Neuhaus a.R.         | 845   | 557 | 41/04 | 90109 | 11020 | 21020 | 48472 | 53002 |       | 74144       |       |
| Gera-Leumnitz        | 311   | 567 | 42565 | 83211 | 10014 | 20001 | 40212 | 54000 |       |             |       |
| Chemnitz             | 418   | 577 | 41550 | 83413 | 10003 | 21004 | 40207 | 51001 |       |             |       |
| Fichtelberg          | 1213  | 578 | 41/00 | 93122 | 11043 | 21043 | 48456 | 53003 |       | 71052 875// |       |
| Zinnwald-Georg.      | 877   | 582 | 46/01 | /3424 | 11025 | 21028 | 48434 | 56005 |       |             |       |
| Lichtenhain/Mittelnd | 300   | 591 | 46/12 | /3113 | 11004 | 21004 | 40181 | 53001 |       |             |       |
| Trier-Petrisberg     | 265   | 609 | 42980 | 00308 | 10020 | 21021 | 40223 | 52003 |       |             |       |
| Deuselbach           | 480   | 615 |       |       |       |       |       |       |       |             |       |
| Pferdsfeld           | 396   | 626 | 42961 | 00504 | 11008 | 21036 | 40238 | 55002 |       |             |       |
| Kl.Feldberg/Ts.      | 805   | 635 | 46/60 | /0711 | 11014 | 21026 | 48486 | 56004 |       |             |       |
| Frankfurt/M.,Flugh.  | 111   | 637 | 42970 | 10703 | 11017 | 21032 | 40235 | 55001 |       |             |       |
| Michelstadt/Vielbrun | 453   | 648 | 46/59 | /0302 | 10014 | 21031 | 40230 | 56003 |       | 81031       |       |
| Würzburg             | 268   | 655 | 42578 | 73503 | 10025 | 21014 | 40225 | 55000 |       |             |       |
| Bad Kissingen        | 262   | 658 | 46/60 | /0000 | 11007 | 21022 | 40234 | 52002 |       |             |       |
| Coburg               | 322   | 671 | 46/60 | /0107 | 10030 | 21006 | 40226 | 53003 |       |             |       |
| Bamberg              | 239   | 675 | 46/60 | /1602 | 10003 | 21012 | 40229 | 53004 |       |             |       |
| Hof                  | 567   | 685 | 41250 | 83409 | 10002 | 21003 | 40217 | 53003 |       | 71022 886// |       |
| Weiden               | 438   | 688 | 41463 | 83506 | 10016 | 21009 | 40216 | 53001 |       | 72020 885// |       |
| Berus                | 363   | 704 | 46/59 | /0311 | 10006 | 21030 | 40216 | 58003 |       |             |       |
| Tholey               | 396   | 706 | 46/60 | /0208 | 10003 | 21027 | 40223 | 58003 |       |             |       |
| Saarbrücken, Flugh.  | 322   | 708 | 42980 | 20510 | 10007 | 21031 | 40221 | 58003 |       | 80001       |       |
| Weinbiet             | 553   | 724 | 46/60 | /0913 | 10005 | 21039 | 40222 | 56003 |       |             |       |
| Karlsruhe            | 112   | 727 |       |       |       |       |       |       |       |             |       |
| Mannheim             | 96    | 729 | 42981 | 20503 | 10004 | 21027 | 40225 | 56002 |       |             |       |
| Stuttgart, Flugh.    | 396   | 738 | 42965 | 50501 | 11006 | 21038 | 40223 | 58003 |       |             |       |
| Stuttgart/Schnarrenb | 314   | 739 | 42970 | 00902 | 10004 | 21028 | 40225 | 58002 |       |             |       |
| Öhringen             | 276   | 742 | 46/60 | /0602 | 10017 | 21008 | 40232 | 56004 |       |             |       |
| Weissenburg          | 422   | 761 | 46/60 | /0000 | 10010 | 21020 | 40226 | 58002 |       |             |       |
| Nürnberg             | 319   | 763 | 42565 | 73202 | 10014 | 21010 | 40224 | 52001 |       |             |       |
| Regensburg           | 366   | 776 | 42668 | 72706 | 10019 | 21018 | 40214 | 57002 |       | 875//       |       |
| Straubing            | 350   | 788 | 42670 | 82907 | 10023 | 21018 | 40211 | 56002 |       | 885//       |       |
| Gr. Arber            | 1437  | 791 |       |       |       |       |       |       |       |             |       |
| Freiburg             | 269   | 803 | 42958 | 30804 | 10043 | 20002 | 40197 | 56003 |       |             |       |
| Lahr                 | 155   | 805 | 42958 | 00000 | 10028 | 21011 | 40206 | 52002 |       | 80001       |       |
| Freudenstadt         | 797   | 815 | 46/60 | /0703 | 11027 | 21040 | 48470 | 56005 |       |             |       |
| Klippeneck           | 973   | 818 | 46/// | /0909 | 11025 | 21043 | 48466 | 55005 |       |             |       |
| Stötten              | 734   | 836 | 42982 | 00808 | 11004 | 21035 | 40220 | 58004 |       |             |       |
| Ulm                  | 567   | 838 | 46/60 | /0204 | 11008 | 21039 | 40216 | 57    |       |             |       |

| Station              | Hoehe    | 06 Uhr UTC |       |       |       |       |       |       |       |       |       | 00-06 |       | 18-06 |       | 18-06 |       | 06    |       | 06    |    | V.T. |      | V.T. |  |
|----------------------|----------|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|------|------|------|--|
|                      |          | iii        | ihVV  | Nddff | IsTTT | 2sTTT | 4PPPP | 5appp | 6RRRt | 7www  | 8NCCC | ff-ff | IsTTT | 2sTTT | 3EstT | 4Esss | 55SSS | 7RRRR | 2222  | 06    | 06 | V.T. | V.T. |      |  |
|                      | Rx       |            |       | n     | nddd  |       | R     | 12    | hLMH  | xx    | gg    | nxxx  | nnnn  | ngg   |       |       |       |       |       |       |    |      |      |      |  |
| Helgoland            | 4 015    | 32965      | 00206 | 10028 | 20013 | 40260 | 52010 |       |       |       |       | 10041 | 20021 | 31104 |       |       |       |       | 55117 | 70000 |    |      |      |      |  |
| List/Sylt            | 26 020   | 32965      | 00107 | 10021 | 21010 | 40261 | 53006 |       |       |       |       | 10059 | 20009 | 31104 |       |       |       |       | 55127 | 70000 |    |      |      |      |  |
| Leck                 | 7 022    | 32980      | 03303 | 11015 | 21035 | 40261 | 52006 |       |       |       |       | 10084 | 21054 | 34108 |       |       |       |       | 55119 | 70000 |    |      |      |      |  |
| Husum                | 28 026   | 32970      | 03505 | 11006 | 21032 | 40262 | 52014 |       |       |       |       | 10073 | 21024 | 34106 |       |       |       |       | 55107 | 70000 |    |      |      |      |  |
| Glücksburg/Meierwik  | 27 033   | 32980      | 02702 | 11008 | 21027 | 40259 | 52008 |       |       |       |       | 10072 | 21021 | 34105 |       |       |       |       | 55111 | 70000 |    |      |      |      |  |
| Schleswig            | 43 035   | 31956      | 13406 | 11009 | 21037 | 40260 | 52008 | 71000 | 80001 |       |       | 10068 | 21020 | 31104 |       |       |       |       | 55112 | 70000 |    |      |      |      |  |
| Hohn                 | 12 038   | 32958      | 03003 | 11001 | 21012 | 40258 | 53011 |       |       |       |       | 10072 | 21023 | 34106 |       |       |       |       | 55098 | 70000 |    |      |      |      |  |
| Kiel-Holtenau        | 31 046   | 32970      | 03504 | 10010 | 20000 | 40250 | 52005 |       |       |       |       | 10061 | 21034 | 30106 |       |       |       |       | 55090 | 70000 |    |      |      |      |  |
| Küttgarden           | 1 053    | 36760      | 13504 | 10031 | 20031 | 40247 | 52010 |       |       |       |       | 10040 | 20000 | 31103 |       |       |       |       | 55055 | 70000 |    |      |      |      |  |
| Arkona               | 42 091   | 32987      | 03613 | 10018 | 21027 | 40240 | 53009 |       |       |       |       | 10028 | 20010 | 31101 | 4/998 |       |       |       | 55042 | 70000 |    |      |      |      |  |
| Norderney            | 11 113   | 31940      | 02023 | 10024 | 20011 | 40258 | 51006 | 71000 |       |       |       | 10033 | 20020 | 30101 |       |       |       |       | 55122 | 70000 |    |      |      |      |  |
| Bremerhaven          | 7 129    | 32662      | 23502 | 10032 | 20010 | 40257 | 52007 |       |       | 82500 |       | 10070 | 20021 | 31103 |       |       |       |       | 55081 | 70000 |    |      |      |      |  |
| Cuxhaven             | 5 131    | 32965      | 00204 | 10036 | 20007 | 40258 | 53007 |       |       |       |       | 10067 | 20011 | 34104 |       |       |       |       | 55081 | 70000 |    |      |      |      |  |
| Hamburg, Flugh.      | 16 147   | 32870      | 73203 | 10017 | 21009 | 40250 | 53009 |       |       | 86570 |       | 10069 | 21008 | 30105 |       |       |       |       | 55020 | 70000 |    |      |      |      |  |
| Lübeck-Blankensee    | 14 156   | 33770      | 23502 | 11003 | 21011 | 40251 | 52008 |       |       | 82500 |       | 10068 | 21009 | 31105 |       |       |       |       | 55048 | 70000 |    |      |      |      |  |
| Boitenhagen          | 15 161   | 31956      | 03307 | 10021 | 20012 | 40248 | 53009 | 71011 |       |       |       | 10057 | 20018 | 31100 |       |       |       |       | 55042 | 79999 |    |      |      |      |  |
| Schwerin             | 59 162   | 31956      | 03404 | 10008 | 21002 | 40245 | 53008 | 71000 |       |       |       | 10009 | 20005 | 31104 |       |       |       |       | 55015 | 70000 |    |      |      |      |  |
| Rostock-Warnemünde   | 4 170    | 32962      | 03405 | 10021 | 20002 | 40244 | 53011 | 69902 |       |       |       | 10039 | 20009 | 34102 |       |       |       |       | 55017 | 79999 |    |      |      |      |  |
| Teterow              | 42 177   | 32970      | 13304 | 10010 | 21023 | 40236 | 53009 |       |       | 81030 |       | 10041 | 20004 | 31101 |       |       |       |       | 55000 | 79999 |    |      |      |      |  |
| Barth                | 7 180    | 32970      | 00106 | 10022 | 21048 | 40237 | 53008 |       |       |       |       | 10044 | 20004 | 31102 |       |       |       |       | 55002 | 70000 |    |      |      |      |  |
| Greifswald           | 2 184    | 32986      | 03407 | 10012 | 21025 | 40232 | 53009 |       |       |       |       | 10035 | 20006 | 31101 | 4/998 |       |       |       | 55000 | 79999 |    |      |      |      |  |
| Ückeremünde          | 1 193    | 32980      | 03505 | 10018 | 21010 | 40227 | 53010 |       |       |       |       | 10021 | 20013 | 31000 | 41998 |       |       |       | 55000 | 70003 |    |      |      |      |  |
| Emden-Hafen          | 5 203    | 31905      | 00303 | 10005 | 21002 | 40258 | 53010 | 74600 |       |       |       | 10062 | 20004 | 34104 |       |       |       |       | 55120 | 70000 |    |      |      |      |  |
| Oldenburg            | 11 215   | 31750      | 10000 | 11011 | 21016 | 40259 | 52014 | 71000 |       |       |       | 10061 | 21034 | 34107 |       |       |       |       | 55069 | 70000 |    |      |      |      |  |
| Bremen, Flugh.       | 3 224    | 31745      | 52903 | 11016 | 21025 | 40254 | 53009 | 71041 |       |       |       | 10082 | 21034 | 30106 |       |       |       |       | 55048 | 70000 |    |      |      |      |  |
| Soltau               | 77 235   | 32760      | 73402 | 10011 | 21007 | 40252 | 52009 |       |       |       |       | 10057 | 20018 | 31101 |       |       |       |       | 55007 | 70000 |    |      |      |      |  |
| Lindenberg           | 45 249   | 32962      | 53305 | 10014 | 21006 | 40251 | 53009 |       |       |       |       | 10004 | 20008 | 31101 |       |       |       |       | 55033 | 70005 |    |      |      |      |  |
| Lüchow               | 17 253   | 32956      | 23102 | 10012 | 20002 | 40244 | 53009 |       |       |       |       | 10059 | 21007 | 30103 |       |       |       |       | 55023 | 79999 |    |      |      |      |  |
| Seehausen            | 21 261   | 31940      | 13108 | 10004 | 21009 | 40241 | 53010 | 710// |       |       |       | 10054 | 21006 | 30102 |       |       |       |       | 55000 | 79999 |    |      |      |      |  |
| Marnitz              | 81 264   | 32658      | 13304 | 10004 | 21011 | 40242 | 53011 |       |       |       |       | 10046 | 21005 | 31106 |       |       |       |       | 55111 | 70000 |    |      |      |      |  |
| Neuruppin            | 38 270   | 32882      | 53508 | 10019 | 21019 | 40224 | 53010 |       |       |       |       | 10035 | 20013 | 31101 |       |       |       |       | 55007 | 70004 |    |      |      |      |  |
| Neubrandenburg       | 81 280   | 32670      | 13408 | 10011 | 21016 | 40234 | 53011 |       |       |       |       | 10025 | 20009 | 31100 |       |       |       |       | 55000 | 70001 |    |      |      |      |  |
| Angermünde           | 56 291   | 32862      | 63510 | 10019 | 21008 | 40212 | 53012 |       |       | 82500 |       | 10024 | 20016 | 31100 |       |       |       |       | 55028 | 70001 |    |      |      |      |  |
| Lingen               | 24 305   | 32565      | 70301 | 10023 | 20009 | 40255 | 53009 |       |       | 86501 |       | 10029 | 20008 | 31100 |       |       |       |       | 55021 | 70004 |    |      |      |      |  |
| Münster/Osnabrück    | 48 315   | 32765      | 70402 | 10039 | 20008 | 40249 | 53009 |       |       | 875// |       | 10082 | 20034 | 30001 |       |       |       |       | 55085 | 70000 |    |      |      |      |  |
| Osnabrück            | 95 317   | 32665      | 60901 | 10031 | 20002 | 40253 | 52009 |       |       | 86500 |       | 10078 | 20020 | 30103 |       |       |       |       | 55060 | 70000 |    |      |      |      |  |
| Leppold              | 39 321   | 33760      | 33401 | 10014 | 21010 | 40251 | 53011 |       |       | 83500 |       | 10027 | 20018 | 31101 |       |       |       |       | 55030 | 70008 |    |      |      |      |  |
| Bad Salzuflen        | 135 322  | 32601      | 10010 | 21010 | 40251 | 53011 |       |       |       | 81500 |       | 10068 | 20016 | 30101 |       |       |       |       | 55024 | 70000 |    |      |      |      |  |
| Hannover, Flugh.     | 55 338   | 31757      | 72904 | 10002 | 21014 | 40249 | 53008 | 71022 |       |       |       | 10073 | 21007 | 31104 |       |       |       |       | 55003 | 70000 |    |      |      |      |  |
| Braunschweig         | 81 348   | 32759      | 63303 | 10025 | 20006 | 40246 | 53011 |       |       | 86500 |       | 10067 | 20005 | 31103 |       |       |       |       | 55013 | 70000 |    |      |      |      |  |
| Gardelagen           | 47 359   | 32970      | 03506 | 10012 | 21004 | 40240 | 53010 |       |       |       |       | 10055 | 21014 | 34104 |       |       |       |       | 55000 | 79999 |    |      |      |      |  |
| Magdeburg            | 79 361   | 32665      | 23304 | 10009 | 21016 | 40236 | 53009 |       |       | 82500 |       | 10053 | 21003 | 34104 |       |       |       |       | 55000 | 70001 |    |      |      |      |  |
| Potsdam              | 81 379   | 32770      | 73308 | 10016 | 21008 | 40220 | 53010 |       |       | 86501 |       | 10027 | 20008 | 31100 |       |       |       |       | 55021 | 70004 |    |      |      |      |  |
| Berlin-Dahlem        | 51 381   | 12880      | 73411 | 10025 | 21007 | 40212 | 53009 | 69902 |       |       |       | 10029 | 20018 | 31001 |       |       |       |       | 55019 | 70007 |    |      |      |      |  |
| Berlin-Tegel, Flugh. | 37 382   | 12980      | 53509 | 10024 | 21015 | 40208 | 53009 | 69902 |       |       |       | 10029 | 20016 | 31000 |       |       |       |       | 55013 | 70005 |    |      |      |      |  |
| Berlin-Temp., Flugh. | 50 384   | 12876      | 73411 | 10024 | 21015 | 40212 | 53008 | 69902 |       |       |       | 10029 | 20018 | 31001 |       |       |       |       | 55019 | 70006 |    |      |      |      |  |
| Berlin-Schönefeld    | 47 385   | 12865      | 73509 | 10024 | 21010 | 40206 | 53009 | 69902 |       |       |       | 10027 | 20018 | 31001 |       |       |       |       | 55030 | 70008 |    |      |      |      |  |
| Lindenberg           | 98 393   | 11862      | 73410 | 10016 | 21006 | 40198 | 53011 | 70362 |       |       |       | 10020 | 20013 | 31001 |       |       |       |       | 55001 | 79999 |    |      |      |      |  |
| Manschnow            | 45 400   | 32660      | 60602 | 10017 | 21029 | 40190 | 53010 | 60022 |       |       |       | 10027 | 20020 | 32001 |       |       |       |       | 55030 | 70025 |    |      |      |      |  |
| Düsseldorf, Flugh.   | 95 400   | 32660      | 60602 | 10017 | 21029 | 40190 | 52013 |       |       | 86500 |       | 10094 | 21028 | 30106 |       |       |       |       | 55111 | 70000 |    |      |      |      |  |
| Bocholt              | 21 406   | 31632      | 40902 | 11020 | 21033 | 40247 | 53012 | 71000 |       |       |       | 10092 | 21025 | 31106 |       |       |       |       | 55103 | 70000 |    |      |      |      |  |
| Essen                | 152 410  | 32660      | 50505 | 10019 | 21016 | 40252 | 53011 |       |       | 85500 |       | 10082 | 20014 | 31102 |       |       |       |       | 55102 | 70000 |    |      |      |      |  |
| Lüdenscheid          | 387 418  | 32470      | 10702 | 11016 | 21030 | 40251 | 53010 |       |       | 81131 |       | 10047 | 21025 | 30105 |       |       |       |       | 55092 | 70000 |    |      |      |      |  |
| Kahler Asten         | 839 427  | 32565      | 30710 | 11024 | 21031 | 48491 | 53009 |       |       | 83500 |       | 10009 | 21028 | 31104 | 41998 |       |       |       | 55058 | 70000 |    |      |      |      |  |
| Bad Lippspringe      | 157 430  | 32663      | 30000 | 11018 | 21027 | 40254 | 52012 |       |       | 83500 |       | 10056 | 21022 | 30105 |       |       |       |       | 55017 | 70000 |    |      |      |      |  |
| Kassel               | 231 438  | 32966      | 10000 | 11017 | 21020 | 40245 | 53007 |       |       | 81040 |       | 10059 | 21021 | 30106 |       |       |       |       | 55012 | 70000 |    |      |      |      |  |
| Göttingen            | 167 444  | 32763      | 42101 | 10009 | 21004 | 40249 | 53010 |       |       | 84500 |       | 10060 | 21011 | 30104 |       |       |       |       | 55008 | 70000 |    |      |      |      |  |
| Leinefelde           | 356 449  | 31957      | 13308 | 10008 | 21010 | 40245 | 53008 |       |       | 81030 | 710// | 10017 | 21005 | 31102 | 41998 |       |       |       | 55011 | 79999 |    |      |      |      |  |
| Braunlage            | 607 452  | 31670      | 13207 | 10007 | 21034 | 40237 | 53010 | 69902 |       |       |       | 10017 | 21005 | 31102 | 41998 |       |       |       | 55001 | 79999 |    |      |      |      |  |
| Bracken              | 1142 457 | 31665      | 20229 | 11040 | 21045 | 48484 | 53010 | 72841 |       |       |       | 11830 | 32 37 | 11024 | 21047 | 31107 | 49078 |       | 55000 | 70004 |    |      |      |      |  |
| Arnsberg             | 164 460  | 12974      | 63305 | 10021 | 21008 | 40237 | 53007 | 69902 |       |       |       | 10052 | 20003 | 31102 |       |       |       |       | 55000 | 79999 |    |      |      |      |  |
| Leipzig-Schkeuditz   | 144 469  | 32660      | 63211 | 10008 | 21013 | 40226 | 53009 |       |       | 85530 |       | 10037 | 20003 | 31101 |       |       |       |       | 55000 | 70003 |    |      |      |      |  |
| Wittenberg           | 105 474  | 12868      | 73410 | 10015 | 21017 | 40216 | 53008 | 69902 |       |       |       | 10031 | 20009 | 31101 |       |       |       |       | 55001 | 70002 |    |      |      |      |  |
| Oschatz              | 150 480  | 12561      | 73010 | 10012 | 21002 | 40214 | 53009 | 69902 |       |       |       | 10027 | 20010 | 31001 |       |       |       |       | 55016 | 70014 |    |      |      |      |  |
| Dresden-Klotzsche    | 222 488  | 11256      | 73312 | 10006 | 21004 | 40206 | 53012 | 69992 |       |       |       | 10016 | 20005 | 31001 |       |       |       |       | 55022 | 70017 |    |      |      |      |  |
| Doberlug-Kirchhain   | 97 490   | 12560      | 73214 | 10020 | 21002 | 4     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |    |      |      |      |  |



12 Uhr UTC 06-12

| Station              | Hoehe | 111 | 11hVV | Nddff | 1sTTT | 2sTTT | 4PPPP | 5appp | 6RRRt | 7wwww | BNCCC | ff-ff |    |
|----------------------|-------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
|                      | Rx    |     |       | n     | n     | nddd  |       | R     | R     | 12    | hLMH  | xx gg |    |
| Helgoland            | 4     | 015 | 32960 | 02801 | 10066 | 20015 | 40273 | 52003 |       |       |       |       |    |
| List/Sylt            | 26    | 020 | 32980 | 03210 | 10080 | 21041 | 40268 | 54000 |       |       |       |       |    |
| Leck                 | 7     | 022 | 32984 | 00105 | 10114 | 21060 | 40264 | 58005 |       |       |       |       |    |
| Husum                | 28    | 026 | 32984 | 03502 | 10110 | 21060 | 40264 | 58001 |       |       |       |       |    |
| Glücksburg/Meierwik  | 27    | 033 | 42982 | 00105 | 10112 | 21036 | 40264 | 50001 |       |       |       |       |    |
| Schleswig            | 43    | 035 | 32980 | 00505 | 10105 | 21064 | 40262 | 58002 |       |       |       |       |    |
| Höhn                 | 12    | 038 | 42681 | 10904 | 10121 | 21050 | 40259 | 58003 |       |       | 81100 |       |    |
| Kiel-Holtenau        | 31    | 045 | 42980 | 00905 | 10090 | 21006 | 40262 | 51005 |       |       |       |       |    |
| Puttgarden           | 1     | 063 | 36760 | 3207  | 10062 | 20034 | 40257 | 52003 |       |       |       |       |    |
| Arkona               | 42    | 091 | 32988 | 03608 | 10041 | 21051 | 40256 | 51006 |       |       |       |       |    |
| Norderney            | 11    | 113 | 32559 | 10409 | 10071 | 20039 | 40270 | 52001 |       |       | 81200 |       |    |
| Bremerhaven          | 7     | 129 | 32570 | 13212 | 10068 | 20013 | 40268 | 51001 |       |       | 81200 |       |    |
| Cuxhaven             | 5     | 131 | 32568 | 13307 | 10069 | 20010 | 40267 | 50000 |       |       | 81100 |       |    |
| Hamburg, Flugh.      | 16    | 147 | 32780 | 13607 | 10119 | 21038 | 40252 | 58004 |       |       | 81100 |       |    |
| Lübeck-Blankensee    | 14    | 156 | 32770 | 10310 | 10113 | 21038 | 40256 | 54000 |       |       | 81100 |       |    |
| Boltenhagen          | 15    | 161 | 32960 | 00206 | 10062 | 20028 | 40260 | 53005 |       |       |       |       |    |
| Schwerin             | 59    | 162 | 32970 | 00210 | 10095 | 21013 | 40252 | 52003 |       |       |       |       |    |
| Rostock-Warnemünde   | 4     | 170 | 32981 | 03606 | 10048 | 21012 | 40258 | 52006 |       |       |       |       |    |
| Teterow              | 46    | 177 | 32980 | 00113 | 10098 | 21007 | 40241 | 57001 |       |       |       |       |    |
| Barth                | 7     | 180 | 32980 | 00411 | 10063 | 21063 | 40253 | 53006 |       |       |       |       |    |
| Greifswald           | 2     | 184 | 32986 | 00410 | 10065 | 21024 | 40249 | 51007 |       |       |       |       |    |
| Uckermünde           | 1     | 193 | 32982 | 03507 | 10048 | 21011 | 40246 | 51008 |       |       |       |       |    |
| Emden-Hafen          | 5     | 203 | 31563 | 32004 | 10104 | 21008 | 40263 | 56004 | 70340 | 83200 |       |       |    |
| Oldenburg            | 11    | 215 | 32675 | 40104 | 10107 | 21034 | 40261 | 56002 |       |       | 84800 |       |    |
| Bremen, Flugh.       | 3     | 224 | 32672 | 50604 | 10105 | 21039 | 40255 | 58004 |       |       | 85800 |       |    |
| Soltau               | 77    | 235 | 32675 | 30105 | 10107 | 21027 | 40251 | 58003 |       |       | 83100 |       |    |
| Börsenburg           | 45    | 249 | 32566 | 23607 | 10105 | 21037 | 40252 | 58003 |       |       | 82200 |       |    |
| Lüchow               | 17    | 253 | 32675 | 40211 | 10104 | 21005 | 40243 | 58003 |       |       | 84100 |       |    |
| Seehausen            | 21    | 261 | 32570 | 13612 | 10113 | 21040 | 40243 | 58002 |       |       | 81100 |       |    |
| Marnitz              | 81    | 264 | 32981 | 03512 | 10103 | 21020 | 40242 | 50000 |       |       |       |       |    |
| Neuruppin            | 38    | 270 | 32782 | 10212 | 10103 | 21026 | 40231 | 51001 |       |       | 81100 |       |    |
| Neubrandenburg       | 81    | 280 | 32970 | 00114 | 10083 | 21007 | 40241 | 51002 |       |       |       |       |    |
| Angermünde           | 56    | 291 | 32675 | 13616 | 10090 | 21002 | 40222 | 51002 |       |       | 81100 | 26    |    |
| Lingen               | 24    | 305 | 32575 | 51504 | 10111 | 21024 | 40258 | 57005 |       |       | 85100 |       |    |
| Münster/Osnabrück    | 48    | 315 | 32770 | 70605 | 10106 | 21030 | 40254 | 58003 |       |       | 8653/ |       |    |
| Osnabrück            | 95    | 317 | 32675 | 60205 | 10096 | 21030 | 40256 | 58004 |       |       | 86800 |       |    |
| Diepholz             | 39    | 321 | 32770 | 60505 | 10105 | 21037 | 40258 | 58002 |       |       | 86800 |       |    |
| Bad Salzuflen        | 135   | 325 | 32675 | 70703 | 10097 | 21030 | 40242 | 53005 |       |       | 878// |       |    |
| Hannover, Flugh.     | 56    | 338 | 32780 | 73409 | 10101 | 21031 | 40247 | 58004 |       |       | 874// |       |    |
| Braunschweig         | 81    | 348 | 32680 | 60405 | 10101 | 21016 | 40245 | 58002 |       |       | 86200 |       |    |
| Gardelegen           | 47    | 359 | 32570 | 33609 | 10114 | 21032 | 40241 | 57004 |       |       | 83200 |       |    |
| Magdeburg            | 79    | 361 | 32682 | 43509 | 10114 | 21021 | 40235 | 58004 |       |       | 84200 |       |    |
| Potsdam              | 81    | 379 | 32678 | 20111 | 10119 | 21003 | 40223 | 56004 |       |       | 82201 |       |    |
| Berlin-Dahlem        | 51    | 381 | 32782 | 20213 | 10112 | 21012 | 40219 | 58003 |       |       | 82101 | 27    |    |
| Berlin-Tegel, Flugh. | 37    | 382 | 32780 | 40309 | 10108 | 21013 | 40216 | 56002 |       |       | 82101 |       |    |
| Berlin-Temp., Flugh. | 50    | 384 | 32681 | 33513 | 10108 | 21009 | 40220 | 58001 |       |       | 82201 |       |    |
| Berlin-Schönefeld    | 47    | 385 | 32750 | 20216 | 10110 | 21006 | 40212 | 58003 |       |       | 82201 | 28    |    |
| Lindenberg           | 98    | 393 | 32675 | 53512 | 10103 | 20018 | 40242 | 53005 |       |       | 84201 | 25    |    |
| Manschnow            | 12    | 396 | 32664 | 43516 | 10100 | 20016 | 40199 | 57002 |       |       | 83104 | 27    |    |
| Düsseldorf, Flugh.   | 45    | 400 | 32670 | 31204 | 10107 | 21009 | 40249 | 58005 |       |       | 83100 |       |    |
| Bocholt              | 21    | 406 | 32670 | 60907 | 10103 | 21016 | 40250 | 56005 |       |       | 868// |       |    |
| Essen                | 152   | 410 | 32782 | 41104 | 10109 | 21009 | 40250 | 58004 |       |       | 84500 |       |    |
| Lüdenscheid          | 387   | 418 | 32781 | 40804 | 10095 | 21010 | 40239 | 58004 |       |       | 84200 |       |    |
| Kahler Asten         | 839   | 427 | 32585 | 70710 | 10036 | 21047 | 48517 | 51003 |       |       | 875// |       |    |
| Bad Lippspringe      | 157   | 430 | 32682 | 70504 | 10084 | 21036 | 40252 | 51001 |       |       | 878// |       |    |
| Kassel               | 231   | 438 | 32581 | 70105 | 10082 | 21013 | 40244 | 51001 |       |       | 878// |       |    |
| Göttingen            | 167   | 444 | 32675 | 73408 | 10081 | 21017 | 40248 | 58001 |       |       | 874// |       |    |
| Leinefelde           | 356   | 449 | 32577 | 73207 | 10068 | 21011 | 40243 | 51001 |       |       | 875// |       |    |
| Braunlage            | 507   | 452 | 32581 | 73608 | 10095 | 21037 | 40242 | 53005 |       |       | 878// |       |    |
| Brocken              | 1142  | 453 | 11472 | 70113 | 1021  | 21029 | 48507 | 51005 | 70241 | 828   | 32    |       |    |
| Artern               | 164   | 460 | 32680 | 40113 | 10109 | 20009 | 40236 | 51001 |       |       | 84200 |       |    |
| Leipzig-Schkeuditz   | 144   | 469 | 32770 | 43412 | 10093 | 21003 | 40226 | 58003 |       |       | 83100 |       |    |
| Wittenberg           | 105   | 474 | 32770 | 23612 | 10101 | 21015 | 40221 | 58002 |       |       | 82200 |       |    |
| Oschatz              | 150   | 480 | 11580 | 53612 | 10093 | 20010 | 40217 | 58004 | 69901 | 70371 | 84201 |       |    |
| Dresden-Klotzsche    | 222   | 488 | 32675 | 73515 | 10076 | 20008 | 40205 | 58003 |       |       | 872// |       |    |
| Doberlug-Kirchhain   | 97    | 490 | 32580 | 50119 | 10098 | 20004 | 40212 | 56005 |       |       | 85200 | 25    |    |
| Cottbus              | 69    | 496 | 32582 | 63612 | 10096 | 20009 | 40198 | 58003 |       |       | 86800 |       |    |
| Görlitz              | 237   | 499 | 11560 | 83412 | 10044 | 20019 | 40189 | 51007 | 69951 | 76176 | 875// |       |    |
| Aachen               | 202   | 501 | 32880 | 10706 | 10117 | 21056 | 40231 | 58005 |       |       | 81100 |       |    |
| Nürvenich            | 118   | 502 | 32680 | 20908 | 10113 | 21018 | 40231 | 51005 |       |       | 82100 |       |    |
| Nürburg/Barweiler    | 485   | 506 | 32678 | 31309 | 10086 | 21003 | 40233 | 58001 |       |       | 83100 |       |    |
| Köln/Bonn, Flugh.    | 91    | 513 | 32782 | 31604 | 10115 | 21019 | 40241 | 58005 |       |       | 83400 |       |    |
| Mendig               | 182   | 514 | 42670 | 43204 | 10122 | 21009 | 40244 | 58003 |       |       | 84100 |       |    |
| Bendorf              | 127   | 515 | 32581 | 20706 | 10106 | 21022 | 40238 | 57007 |       |       | 82100 |       |    |
| Bad Marienberg       | 547   | 526 | 32683 | 30904 | 10072 | 21041 | 40239 | 58002 |       |       | 83100 |       |    |
| Giessen              | 186   | 532 | 32670 | 50607 | 10094 | 21034 | 40246 | 57004 |       |       | 85200 |       |    |
| Bad Hersfeld         | 273   | 542 | 32681 | 73607 | 10080 | 21030 | 40246 | 56002 |       |       | 878// |       |    |
| Wasserkuppe          | 921   | 544 | 32575 | 70407 | 10019 | 21048 | 48512 | 51009 |       |       | 878// |       |    |
| Meiningen            | 450   | 548 | 32572 | 63411 | 10064 | 21035 | 40238 | 51001 |       |       | 86800 |       |    |
| Schmücke             | 937   | 552 | 11380 | 70205 | 10007 | 21027 | 48506 | 51006 | 69901 | 78574 | 878// |       |    |
| Erfurt-Bindersleben  | 315   | 554 | 32580 | 70108 | 10070 | 21013 | 40240 | 54000 |       |       | 878// |       |    |
| Neuhaus a.R.         | 845   | 557 | 11475 | 70105 | 10017 | 21024 | 48502 | 51006 | 69901 | 71487 | 878// |       |    |
| Gera-Leumnitz        | 311   | 567 | 11465 | 73410 | 10067 | 20007 | 40224 | 50001 | 69901 | 70282 | 878// |       |    |
| Chemnitz             | 418   | 577 | 11665 | 73310 | 10040 | 20012 | 40223 | 50002 | 69921 | 70372 | 878// |       |    |
| Fichtelberg          | 1213  | 578 | 11900 | 93118 | 10037 | 21037 | 48476 | 51008 | 69961 | 74973 | 23    | 29    |    |
| Zinnwald-Georg.      | 877   | 582 | 11140 | 83418 | 10066 | 21010 | 48466 | 51013 | 69901 | 71084 | 886// | 23    | 36 |
| Lichtenhain/Mittelnd | 300   | 591 | 11466 | 83415 | 10047 | 20011 | 40197 | 51002 | 69901 | 76087 | 878// | 27    |    |
| Trier-Petrisberg     | 265   | 609 | 32682 | 20907 | 10115 | 21020 | 40224 | 57008 |       |       | 82100 |       |    |
| Deuselbach           | 480   | 615 | 32680 | 40812 | 10085 | 21027 | 40225 | 51001 |       |       | 84200 |       |    |
| Pferdsfeld           | 396   | 626 | 42667 | 40805 | 10090 | 21017 | 40245 | 53002 |       |       | 84200 |       |    |
| Kl. Feldberg/Ts.     | 805   | 635 | 32680 | 11009 | 10107 | 21017 | 40229 | 58002 |       |       | 83200 |       |    |
| Frankfurt/M. Flugh.  | 111   | 637 | 32675 | 30407 | 10108 | 21005 | 40242 | 56007 |       |       | 83800 |       |    |
| Michelstadt/Vielbrun | 453   | 648 | 32578 | 51004 | 10071 | 21023 | 40236 | 57004 |       |       | 86800 |       |    |
| Würzburg             | 268   | 655 | 32680 | 60305 | 10095 | 21014 | 40231 | 57005 |       |       | 82100 |       |    |
| Bad Kissingen        | 262   | 658 | 32681 | 70305 | 10090 | 21021 | 40240 | 55001 |       |       | 874// |       |    |
| Coburg               | 322   | 671 | 11682 | 70310 | 10082 | 21024 | 40236 | 53001 | 69901 | 70282 | 8623/ |       |    |
| Bamberg              | 239   | 675 | 32565 | 70104 | 10090 | 21021 | 40231 | 58004 |       |       | 872// |       |    |
| Hof                  | 567   | 685 | 11562 | 83511 | 10028 | 21015 | 40235 | 51007 | 69931 | 78587 | 888// |       |    |
| Weiden               | 438   | 688 | 11570 | 80110 | 10041 | 21013 | 40235 | 52006 | 69901 | 76062 | 878// |       |    |
| Berus                | 363   | 704 | 32781 | 20407 | 10103 | 21014 | 40221 | 58002 |       |       | 82200 |       |    |
| Tholey               | 396   | 706 | 32680 | 30709 | 10096 | 21007 | 40227 | 58002 |       |       | 83200 |       |    |
| Saarbrücken, Flugh.  | 322   | 708 | 32680 | 11009 | 10107 | 21017 | 40229 | 58002 |       |       | 81100 |       |    |
| Weinbiet             | 553   | 724 | 32568 | 31006 | 10083 | 21018 | 40227 | 50000 |       |       | 83200 |       |    |
| Karlsruhe            | 112   | 727 | 32675 | 30610 | 10121 | 21017 | 40230 | 58003 |       |       | 85100 |       |    |
| Mannheim             | 96    | 729 | 32781 | 50804 | 10117 | 21016 | 40231 | 57007 |       |       | 85100 |       |    |
| Stuttgart, Flugh.    | 396   | 738 | 32680 | 50907 | 10085 | 21011 | 40227 | 58003 |       |       | 84530 |       |    |
| Stuttgart/Schnarrenb | 314   | 739 | 32675 | 61006 | 10093 | 21009 | 40231 | 58002 |       |       | 86700 |       |    |
| Öhringen             | 276   | 742 | 32668 | 60907 | 1     |       |       |       |       |       |       |       |    |

| Station              | Hoehe | 15 Uhr UTC |       |       |       |       |       |       |       |       |       | 12-15 |      |      |      | Erdbodentemp. |      |  |  |  |
|----------------------|-------|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|---------------|------|--|--|--|
|                      |       | iii        | ihVV  | Nddff | 1sTTT | 2sTTT | 4PPPP | 5appp | 7wwWW | 8NCCC | ff-ff | 1sTTT | sTTT | sTTT | sTTT | sTTT          |      |  |  |  |
|                      |       | Rx         |       | n     | n     | nddd  |       |       | 12    | hLHM  | xx    | gg    | n    | n    | n    | n             |      |  |  |  |
| Helgoland            | 4     | 015        | 42980 | 03409 | 10072 | 21029 | 40268 | 57005 |       |       |       |       |      |      |      |               |      |  |  |  |
| List/Sylt            | 26    | 020        | 42981 | 03113 | 10062 | 21028 | 40263 | 56006 |       |       |       |       |      |      |      |               |      |  |  |  |
| Leck                 | 7     | 022        | 42782 | 13112 | 10116 | 21032 | 40260 | 55004 |       |       | 81100 |       |      | 0129 | 0108 | 0059          | 0042 |  |  |  |
| Husum                | 28    | 026        | 42682 | 12911 | 10110 | 21045 | 40256 | 57007 |       |       | 81100 |       |      | 0142 | 0109 | 0064          | 0043 |  |  |  |
| Glücksburg/Meterwik  | 27    | 033        | 42782 | 10206 | 10127 | 21024 | 40257 | 57007 |       |       | 81101 |       |      | 0137 | 0100 | 0068          | 0042 |  |  |  |
| Schleswig            | 43    | 035        | 42980 | 11307 | 10114 | 21032 | 40255 | 57007 |       |       | 80001 |       |      | 0144 | 0105 | 0057          | 0044 |  |  |  |
| Hohn                 | 12    | 038        | 42781 | 10704 | 10130 | 21044 | 40250 | 57009 |       |       | 81100 |       |      | 0146 | 0114 | 0079          | 0048 |  |  |  |
| Kiel-Holtenau        | 31    | 049        | 42970 | 00805 | 10093 | 21055 | 40257 | 58005 |       |       |       |       |      | 0145 | 0111 | 0064          | 0048 |  |  |  |
| Puttgarden           | 1     | 063        | 46760 | 73304 | 10070 | 20009 | 40254 | 57003 |       |       |       |       |      | 0093 | 0103 | 0061          | 0042 |  |  |  |
| Arkona               | 42    | 091        | 42988 | 13203 | 10049 | 21120 | 40253 | 58003 |       |       | 81031 |       |      | 0080 | 0058 | 0035          | 0033 |  |  |  |
| Norderney            | 11    | 113        | 42965 | 00308 | 10067 | 20007 | 40266 | 57004 |       |       |       |       |      | 0182 | 0150 | 0086          | 0048 |  |  |  |
| Bremerhaven          | 7     | 129        | 42570 | 13312 | 10090 | 20019 | 40261 | 58007 |       |       | 81100 |       |      |      |      |               |      |  |  |  |
| Cuxhaven             | 5     | 131        | 42970 | 03312 | 10078 | 20002 | 40261 | 57006 |       |       |       |       |      | 0175 | 0138 | 0086          | 0057 |  |  |  |
| Hamburg, Flugh.      | 16    | 147        | 42775 | 13606 | 10126 | 21032 | 40246 | 56006 |       |       | 81100 |       |      | 0166 | 0121 | 0065          | 0049 |  |  |  |
| Lübeck-Blankensee    | 14    | 156        | 42970 | 00308 | 10110 | 21043 | 40255 | 56001 |       |       |       |       |      | 0143 | 0125 | 0070          | 0051 |  |  |  |
| Boitenhagen          | 15    | 161        | 42966 | 00603 | 10055 | 20024 | 40256 | 57004 |       |       |       |       |      | 0123 | 0097 | 0064          | 0046 |  |  |  |
| Schwerin             | 59    | 162        | 42980 | 00410 | 10100 | 21077 | 40249 | 57003 |       |       |       |       |      | 0158 | 0113 | 0074          | 0038 |  |  |  |
| Rostock-Warnemünde   | 46    | 177        | 46760 | 70112 | 10093 | 21058 | 40241 | 57001 |       |       |       |       |      | 0170 | 0108 | 0059          | 0039 |  |  |  |
| Teserow              | 46    | 177        | 46760 | 70112 | 10093 | 21058 | 40241 | 57001 |       |       |       |       |      | 0123 | 0083 | 0033          | 0020 |  |  |  |
| Barth                | 7     | 180        | 42980 | 00107 | 10080 | 21053 | 40248 | 57005 |       |       |       |       |      | 0098 | 0075 | 0043          | 0033 |  |  |  |
| Greifswald           | 2     | 184        | 42988 | 00507 | 10071 | 21132 | 40247 | 57002 |       |       |       |       |      | 0137 | 0117 | 0065          | 0018 |  |  |  |
| Uckermünde           | 1     | 193        | 42982 | 00106 | 10046 | 21019 | 40245 | 58001 |       |       |       |       |      | 0112 | 0081 | 0047          | 0031 |  |  |  |
| Emden-Hafen          | 5     | 203        | 42663 | 73310 | 10101 | 20014 | 40257 | 56006 |       |       | 875// |       |      | 0170 | 0116 | 0069          | 0055 |  |  |  |
| Oldenburg            | 11    | 215        | 42675 | 30405 | 10103 | 21040 | 40257 | 57004 |       |       | 83800 |       |      | 0137 | 0112 | 0066          | 0057 |  |  |  |
| Bremen, Flugh.       | 3     | 224        | 42675 | 20308 | 10114 | 21032 | 40248 | 57007 |       |       | 82800 |       |      | 0109 | 0100 | 0065          | 0059 |  |  |  |
| Boitzenburg          | 77    | 235        | 42780 | 20306 | 10121 | 21038 | 40243 | 56007 |       |       | 82100 |       |      | 0154 | 0127 | 0069          | 0046 |  |  |  |
| Soltau               | 45    | 249        | 42966 | 00309 | 10111 | 21044 | 40250 | 56003 |       |       |       |       |      | 0146 | 0119 | 0077          | 0051 |  |  |  |
| Lüchow               | 17    | 253        | 42768 | 20110 | 10115 | 21032 | 40239 | 56004 |       |       | 81100 |       |      | 0130 | 0107 | 0068          | 0047 |  |  |  |
| Seehausen            | 21    | 253        | 42768 | 20110 | 10115 | 21032 | 40239 | 56004 |       |       |       |       |      |      |      |               |      |  |  |  |
| Maritz               | 81    | 264        | 42982 | 03610 | 10105 | 21074 | 40239 | 56003 |       |       |       |       |      | 0142 | 0104 | 0056          | 0033 |  |  |  |
| Neuruppin            | 38    | 270        | 42784 | 10111 | 10111 | 21039 | 40228 | 56003 |       |       |       |       |      | 0144 | 0111 | 0061          | 0034 |  |  |  |
| Neubrandenburg       | 81    | 280        | 42980 | 00316 | 10085 | 21039 | 40242 | 55000 |       |       | 81100 |       |      | 0103 | 0088 | 0053          | 0024 |  |  |  |
| Angermünde           | 56    | 291        | 42975 | 03515 | 10090 | 21018 | 40224 | 52002 |       |       |       |       |      | 0124 | 0097 | 0045          | 0021 |  |  |  |
| Lingen               | 24    | 305        | 42675 | 50603 | 10115 | 21037 | 40251 | 57007 |       |       | 85500 |       | 29   | 0133 | 0124 | 0084          | 0073 |  |  |  |
| Münster/Osnabrück    | 48    | 315        | 42770 | 51301 | 10122 | 21031 | 40247 | 56007 |       |       | 85500 |       |      | 0130 | 0111 | 0083          | 0070 |  |  |  |
| Osnabrück            | 95    | 317        | 42675 | 30605 | 10103 | 21032 | 40251 | 56005 |       |       | 83800 |       |      | 0111 | 0101 | 0080          | 0064 |  |  |  |
| Diepholz             | 39    | 321        | 42780 | 39902 | 10136 | 21029 | 40248 | 57009 |       |       | 83100 |       |      | 0091 | 0098 | 0074          | 0071 |  |  |  |
| Bad Salzuflen        | 135   | 321        | 42780 | 39902 | 10136 | 21029 | 40248 | 57009 |       |       |       |       |      | 0145 | 0119 | 0081          | 0065 |  |  |  |
| Hannover, Flugh.     | 53    | 338        | 42781 | 73608 | 10110 | 21037 | 40240 | 56007 |       |       | 874// |       |      | 0109 | 0087 | 0064          | 0048 |  |  |  |
| Braunschweig         | 81    | 348        | 42782 | 60206 | 10105 | 21020 | 40242 | 57003 |       |       | 8583/ |       |      | 0090 | 0080 | 0058          | 0040 |  |  |  |
| Gardelegen           | 47    | 359        | 42670 | 53607 | 10127 | 21052 | 40234 | 56006 |       |       | 85200 |       |      |      |      |               |      |  |  |  |
| Magdeburg            | 79    | 361        | 42782 | 33509 | 10129 | 21024 | 40229 | 56006 |       |       | 83800 |       |      | 0095 | 0070 | 0047          | 0050 |  |  |  |
| Potsdam              | 81    | 379        | 42678 | 33611 | 10107 | 21001 | 40223 | 55000 |       |       | 83200 |       |      | 0166 | 0136 | 0076          | 0044 |  |  |  |
| Berlin-Dahlem        | 51    | 381        | 42781 | 30210 | 10110 | 21006 | 40221 | 53002 |       |       | 83400 |       |      | 0129 | 0115 | 0078          | 0041 |  |  |  |
| Berlin-Tegel, Flugh. | 37    | 382        | 42780 | 20310 | 10106 | 21012 | 40216 | 55000 |       |       | 82500 |       |      | 0151 | 0111 | 0065          | 0049 |  |  |  |
| Berlin-Temp., Flugh. | 50    | 384        | 42781 | 23611 | 10112 | 21012 | 40220 | 54000 |       |       | 82201 |       |      | 0105 | 0075 | 0044          | 0028 |  |  |  |
| Berlin-Schönefeld    | 47    | 385        | 42780 | 10216 | 10105 | 21019 | 40213 | 53001 |       |       | 81101 |       |      | 0110 | 0089 | 0060          | 0042 |  |  |  |
| Lindenberg           | 98    | 393        | 42680 | 33614 | 10110 | 20014 | 40205 | 53001 |       |       | 82204 |       |      | 0112 | 0076 | 0053          | 0043 |  |  |  |
| Manschnow            | 45    | 400        | 42770 | 21202 | 10124 | 21008 | 40237 | 56011 |       |       | 84101 |       | 26   | 0134 | 0106 | 0071          | 0058 |  |  |  |
| Düsseldorf, Flugh.   | 21    | 406        | 42780 | 21204 | 10126 | 21013 | 40241 | 57009 |       |       | 82100 |       |      | 0198 | 0138 | 0091          | 0075 |  |  |  |
| Bocholt              | 152   | 410        | 42782 | 30406 | 10118 | 21014 | 40242 | 56008 |       |       | 83500 |       |      | 0195 | 0111 | 0072          | 0063 |  |  |  |
| Essen                | 387   | 418        | 42781 | 20807 | 10094 | 21026 | 40233 | 57005 |       |       | 82500 |       |      | 0096 | 0078 | 0054          | 0056 |  |  |  |
| Lüdenscheid          | 839   | 427        | 42585 | 50405 | 10048 | 21049 | 48518 | 57002 |       |       | 85500 |       |      | 1001 | 1002 | 0000          | 0004 |  |  |  |
| Kahler Asten         | 157   | 430        | 42782 | 40103 | 10099 | 21037 | 40244 | 57007 |       |       | 84500 |       |      | 0096 | 0076 | 0061          | 0056 |  |  |  |
| Bad Lippspringe      | 231   | 438        | 42681 | 63403 | 10096 | 21024 | 40237 | 57006 |       |       | 86500 |       |      | 0099 | 0082 | 0064          | 0059 |  |  |  |
| Kassel               | 167   | 444        | 42675 | 70207 | 10095 | 21024 | 40242 | 56005 |       |       | 878// |       |      | 0090 | 0071 | 0050          | 0049 |  |  |  |
| Göttingen            | 356   | 449        | 42581 | 73410 | 10079 | 21019 | 40239 | 56003 |       |       | 878// |       |      | 0090 | 0077 | 0054          | 0037 |  |  |  |
| Leinefelde           | 607   | 452        | 42581 | 73608 | 10051 | 21032 | 40235 | 55003 |       |       | 878// |       |      | 0000 | 0000 | 0001          | 0001 |  |  |  |
| Braunlage            | 1142  | 453        | 42577 | 63615 | 10110 | 21019 | 48510 | 53003 |       |       | 878// |       |      |      |      |               |      |  |  |  |
| Brocken              | 164   | 460        | 4258  | 73409 | 10102 | 20001 | 40234 | 7002  |       |       | 878// |       |      | 0084 | 0059 | 0044          | 0049 |  |  |  |
| Artern               | 144   | 469        | 42580 | 53312 | 10105 | 21024 | 40219 | 57006 |       |       | 85800 |       |      | 0101 | 0083 | 0054          | 0040 |  |  |  |
| Leipzig-Schkeuditz   | 105   | 474        | 42775 | 33411 | 10112 | 21022 | 40217 | 56004 |       |       | 83200 |       |      | 0130 | 0104 | 0066          | 0041 |  |  |  |
| Wittenberg           | 150   | 480        | 42580 | 63415 | 10101 | 20010 | 40213 | 58003 |       |       | 86300 |       |      | 0090 | 0088 | 0064          | 0045 |  |  |  |
| Oschatz              | 222   | 488        | 42682 | 73316 | 10088 | 20001 | 40203 | 55002 |       |       | 878// |       | 26   | 0080 | 0069 | 0052          | 0042 |  |  |  |
| Dresden-Klotzsche    | 97    | 490        | 42570 | 40119 | 10107 | 20001 | 40211 | 58001 |       |       | 84200 |       | 28   | 0100 | 0088 | 0057          | 0042 |  |  |  |
| Doberlug-Kirchhain   | 69    | 496        | 42583 | 63614 | 10105 | 21002 | 40200 | 52002 |       |       | 86800 |       | 26   | 0120 | 0095 | 0064          | 0042 |  |  |  |
| Cottbus              | 237   | 499        | 41675 | 83415 | 10077 | 20015 | 40182 | 55004 |       |       | 72562 |       |      | 0068 | 0056 | 0041          | 0037 |  |  |  |
| Görlitz              | 202   | 501        | 42881 | 10605 | 10128 | 21059 | 40225 | 58005 |       |       | 81100 |       |      | 0162 | 0125 | 0088          | 0080 |  |  |  |
| Aachen               | 118   | 502        | 42781 | 11702 | 10128 | 21020 | 40243 | 58007 |       |       | 81100 |       |      | 0137 | 0111 | 0083          | 0075 |  |  |  |
| Nörvenich            | 485   | 506        | 42780 | 31104 | 10094 | 21030 | 40221 | 57007 |       |       | 83100 |       |      | 0103 | 0075 | 0061          | 0058 |  |  |  |
| Nürnberg/Barweiler   | 91    | 513        | 42780 | 23004 | 10134 | 20230 | 40230 | 93010 |       |       | 83100 |       |      | 0144 | 0109 | 0090          | 0081 |  |  |  |
| Köln/Bonn, Flugh.    | 191   | 514        | 42780 | 30902 | 10137 | 21025 | 40233 | 57009 |       |       | 83100 |       |      | 0124 | 0105 | 0080          | 0080 |  |  |  |
| Mendig               | 127   | 515        | 42683 | 20902 | 10136 | 21033 | 40228 | 56008 |       |       | 82100 |       |      | 0147 | 0110 | 0094          | 0093 |  |  |  |
| Bendorf              | 547   | 526        | 42684 | 31007 | 10085 | 21041 | 40231 | 57004 |       |       | 83100 |       |      | 0103 | 0077 | 0052          | 0047 |  |  |  |
| Bad Marienberg       | 186   | 532        | 42670 | 40607 | 10106 | 21035 | 40235 | 57010 |       |       | 84200 |       |      | 0110 | 0092 | 0090          | 0078 |  |  |  |
| Glissen              | 273   | 542        | 42682 | 60506 | 10082 | 21034 | 40243 | 56003 |       |       | 86500 |       |      | 0110 | 0086 | 0062          | 0054 |  |  |  |
| Bad Hersfeld         | 921   | 544        | 42575 | 70108 | 10031 | 21043 | 48513 | 58002 |       |       | 878// | </    |      |      |      |               |      |  |  |  |

| Station              | Hoehe | iii | ihVV  | Nddff | 1sTTT | 2sTTT | 4PPPP | 18 Uhr | UTC   | 7wwWW | 8NCCC | 12-18 | 06-18 | 06-18 | 06-18 |       |
|----------------------|-------|-----|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
|                      | Rx    |     |       |       | 1sTTT | 2sTTT | 4PPPP | Sappp  | BRRRT | R     | nxxx  | ff-ff | 1sTTT | 2sTTT | 5sStt |       |
|                      |       |     |       |       | 1sTTT | 2sTTT | 4PPPP | Sappp  | BRRRT | R     | nxxx  | ff-ff | 1sTTT | 2sTTT | 5sStt |       |
| Helgoland            | 4     | 015 | 32980 | 03213 | 10048 | 21014 | 40269 | 53001  |       |       |       |       | 10075 | 20027 |       |       |
| List/Sylt            | 26    | 020 | 32982 | 03312 | 10046 | 21056 | 40266 | 53003  |       |       |       |       | 10090 | 20021 |       |       |
| Leck                 | 7     | 022 | 32982 | 03310 | 10068 | 21035 | 40262 | 53002  |       |       |       |       | 10128 | 21018 |       |       |
| Husum                | 28    | 026 | 32682 | 13008 | 10077 | 21032 | 40258 | 53002  |       |       | 81500 |       | 10124 | 21008 |       |       |
| Glücksburg/Meierwik  | 27    | 033 | 32982 | 10403 | 10104 | 21050 | 40249 | 53008  |       |       | 80001 |       | 10130 | 21008 |       |       |
| Schleswig            | 43    | 035 | 32980 | 11203 | 10096 | 21040 | 40260 | 53005  |       |       | 80001 |       | 10124 | 21009 |       |       |
| Hohn                 | 12    | 038 | 32981 | 06003 | 10088 | 21043 | 40256 | 52006  |       |       |       |       | 10140 | 21007 |       |       |
| Kiel-Holtenau        | 31    | 046 | 32980 | 08002 | 10085 | 21049 | 40257 | 55001  |       |       |       |       | 10099 | 20006 |       |       |
| Puttgarden           | 1     | 063 | 36/60 | /3008 | 10055 | 20007 | 40254 | 54000  |       |       |       |       | 10106 | 20030 |       |       |
| Arkona               | 42    | 091 | 32989 | 02706 | 10059 | 21123 | 40249 | 56004  |       |       |       |       | 10077 | 20018 |       |       |
| Norderney            | 11    | 113 | 32968 | 00308 | 10050 | 21002 | 40270 | 53003  |       |       |       |       | 10071 | 20023 |       |       |
| Bremerhaven          | 7     | 129 | 32981 | 03607 | 10083 | 21021 | 40262 | 53001  |       |       |       |       | 10092 | 20032 |       |       |
| Cuxhaven             | 5     | 131 | 32970 | 03811 | 10057 | 20005 | 40266 | 53005  |       |       |       |       | 10082 | 20033 |       |       |
| Hamburg Flugh.       | 16    | 147 | 32780 | 10609 | 10100 | 21040 | 40252 | 53006  |       |       | 81100 |       | 10128 | 20017 |       |       |
| Lübeck-Blankensee    | 14    | 156 | 43/// |       |       |       |       |        |       |       |       |       | 10119 | 21006 |       |       |
| Boltenhagen          | 15    | 161 | 32981 | 00000 | 10066 | 21074 | 40256 | 55000  |       |       |       |       | 10068 | 20021 |       |       |
| Schwerin             | 59    | 162 | 32975 | 00306 | 10082 | 21053 | 40253 | 53004  |       |       |       |       | 10104 | 20008 |       |       |
| Rostock-Warnemünde   | 4     | 170 | 32984 | 02805 | 10044 | 21007 | 40252 | 55000  |       |       |       |       | 10065 | 20021 |       |       |
| Teterow              | 46    | 177 | 36/59 | /0205 | 10072 | 21034 | 40247 | 52006  |       |       |       |       | 10101 | 20010 |       |       |
| Barth                | 7     | 180 | 36/60 | /3203 | 10074 | 21056 | 40246 | 55002  |       |       |       |       | 10083 | 20022 |       |       |
| Greifswald           | 2     | 184 | 32988 | 00000 | 10053 | 21061 | 40246 | 56001  |       |       |       |       | 10079 | 20012 |       |       |
| Uckermünde           | 1     | 193 | 36/59 | /3405 | 10033 | 21026 | 40247 | 53002  |       |       |       |       | 10056 | 20018 |       |       |
| Emden-Hafen          | 5     | 203 | 36/60 | /0411 | 10086 | 21027 | 40262 | 53005  |       |       |       |       | 10118 | 20005 |       |       |
| Odenburg             | 11    | 215 | 32975 | 10107 | 10090 | 21033 | 40259 | 53001  |       |       | 81030 |       | 10119 | 21016 |       |       |
| Bremen, Flugh.       | 3     | 224 | 32775 | 13311 | 10105 | 21028 | 40252 | 53004  |       |       | 81500 |       | 10123 | 21016 |       |       |
| Soltau               | 77    | 235 | 32780 | 10304 | 10102 | 21032 | 40248 | 53004  |       |       | 81400 |       | 10126 | 20011 |       |       |
| Boizenburg           | 45    | 249 | 16/60 | /0408 | 10082 | 21072 | 40257 | 53007  | 69902 |       |       |       | 10121 | 20014 |       |       |
| Lüchow               | 17    | 253 | 36/// | /0207 | 10091 | 21047 | 40248 | 53009  |       |       |       |       | 10118 | 20006 |       |       |
| Seehausen            | 21    | 261 | 32980 | 00109 | 10096 | 21087 | 40247 | 53009  |       |       |       | 27    | 10129 | 20004 |       |       |
| Marnitz              | 81    | 264 | 36/60 | /3605 | 10081 | 21086 | 40244 | 53007  |       |       |       |       | 10119 | 20004 |       |       |
| Neuruppin            | 38    | 270 | 32984 | 00208 | 10084 | 21035 | 40238 | 53010  |       |       |       |       | 10114 | 20019 |       |       |
| Neubrandenburg       | 81    | 280 | 32983 | 00110 | 10061 | 21066 | 40247 | 53004  |       |       |       |       | 10091 | 20011 |       |       |
| Angermünde           | 56    | 291 | 32975 | 03609 | 10061 | 21040 | 40233 | 52009  |       |       |       | 29    | 10097 | 20019 |       |       |
| Lingen               | 24    | 305 | 32680 | 21003 | 10110 | 21038 | 40253 | 53002  |       |       | 82500 |       | 10126 | 20022 |       |       |
| Münster/Osnabrück    | 48    | 315 | 32775 | 10404 | 10103 | 21031 | 40249 | 53002  |       |       | 81500 |       | 10124 | 20039 |       |       |
| Osnabrück            | 95    | 317 | 36/60 | /0304 | 10101 | 21038 | 40252 | 53001  |       |       |       |       | 10115 | 20030 |       |       |
| Diepholz             | 39    | 321 | 32780 | 10403 | 10112 | 21036 | 40255 | 53006  |       |       | 81500 |       | 10136 | 20014 |       |       |
| Bad Salzuflen        | 135   | 325 | 32675 | 23601 | 10094 | 21038 | 40249 | 53002  |       |       | 82501 |       | 10114 | 20016 |       |       |
| Hannover, Flugh.     | 56    | 338 | 32881 | 23203 | 10102 | 21034 | 40243 | 53003  |       |       | 82500 |       | 10112 | 20005 |       |       |
| Braunschweig         | 81    | 348 | 32784 | 40206 | 10102 | 21015 | 40241 | 55001  |       |       | 84500 |       | 10128 | 20012 |       |       |
| Gardellegen          | 47    | 359 | 32970 | 00305 | 10105 | 21117 | 40242 | 53007  |       |       | 80001 |       | 10130 | 20009 |       |       |
| Magdeburg            | 79    | 361 | 32980 | 00208 | 10103 | 21050 | 40237 | 53007  |       |       |       |       | 10121 | 20016 |       |       |
| Potsdam              | 81    | 379 | 32982 | 03608 | 10089 | 21039 | 40232 | 53008  |       |       |       |       | 10120 | 20025 |       |       |
| Berlin-Dahlem        | 51    | 381 | 32982 | 00210 | 10089 | 21039 | 40229 | 53008  |       |       |       |       | 10112 | 20024 |       |       |
| Berlin-Tegel, Flugh. | 37    | 382 | 32981 | 00209 | 10094 | 21045 | 40225 | 53009  |       |       |       |       | 10117 | 20024 |       |       |
| Berlin-Temp., Flugh. | 50    | 384 | 32982 | 00110 | 10087 | 21047 | 40230 | 53010  |       |       |       | 25    | 10117 | 20024 |       |       |
| Berlin-Schönefeld    | 47    | 385 | 32982 | 00111 | 10088 | 21056 | 40225 | 53011  |       |       |       | 25    | 10116 | 20024 |       |       |
| Lindenberg           | 98    | 393 | 32975 | 03510 | 10075 | 21004 | 40219 | 53012  |       |       |       | 27    | 10117 | 20016 |       |       |
| Manschnow            | 12    | 396 | 36/60 | /3412 | 10077 | 21011 | 40218 | 53015  |       |       |       | 26    | 10139 | 21018 |       |       |
| Düsseldorf, Flugh.   | 45    | 400 | 32970 | 00509 | 10117 | 21023 | 40214 | 53003  |       |       |       |       | 10131 | 21020 |       |       |
| Bocholt              | 21    | 406 | 36/60 | /0606 | 10108 | 21017 | 40245 | 53004  |       |       |       |       | 10139 | 21018 |       |       |
| Essen                | 152   | 410 | 32984 | 00709 | 10102 | 21027 | 40247 | 53004  |       |       |       |       | 10106 | 20018 |       |       |
| Lüdenscheid          | 387   | 418 | 36/60 | /0607 | 10077 | 21033 | 40243 | 53007  |       |       | 81500 |       | 10060 | 21025 |       |       |
| Kahler Asten         | 839   | 427 | 32584 | 10607 | 10030 | 21051 | 48517 | 53005  |       |       | 82500 |       | 10110 | 21018 |       |       |
| Bad Lippspringe      | 157   | 430 | 32782 | 20304 | 10093 | 21029 | 40250 | 53005  |       |       | 875// |       | 10103 | 21017 |       |       |
| Kassel               | 231   | 438 | 32682 | 70103 | 10088 | 21037 | 40242 | 53004  |       |       |       |       | 10101 | 20009 |       |       |
| Göttingen            | 167   | 444 | 36/22 | /0104 | 10089 | 21024 | 40245 | 53003  |       |       | 86500 |       | 10084 | 20008 |       |       |
| Leinefelde           | 356   | 449 | 32680 | 63303 | 10071 | 21011 | 40244 | 53004  |       |       | 83500 |       | 10054 | 20006 |       |       |
| Braunlage            | 607   | 452 | 32780 | 33405 | 10041 | 21038 | 40242 | 53003  |       |       | 83500 |       | 10008 | 21041 |       |       |
| Brocken              | 1142  | 453 | 32478 | 43618 | 10114 | 21036 | 48509 | 55001  |       |       | 86800 |       | 10118 | 20021 |       |       |
| Artern               | 164   | 460 | 32583 | 63411 | 10094 | 21033 | 40238 | 53003  |       |       | 82530 |       | 10113 | 20008 |       |       |
| Leipzig-Schkeuditz   | 144   | 469 | 32780 | 33608 | 10089 | 21033 | 40229 | 53008  |       |       |       |       | 10116 | 20015 |       |       |
| Wittenberg           | 105   | 474 | 32980 | 03604 | 10089 | 21025 | 40228 | 53010  |       |       | 69902 |       | 10106 | 20012 |       |       |
| Oschatz              | 150   | 480 | 12680 | 13409 | 10084 | 20017 | 40222 | 53007  | 69902 |       | 81300 |       | 10094 | 20006 |       |       |
| Oresden-Klotzsche    | 222   | 488 | 32780 | 23512 | 10079 | 21011 | 40213 | 53009  |       |       | 81502 |       | 10094 | 20006 |       |       |
| Dobberlug-Kirchhain  | 97    | 490 | 32970 | 03612 | 10083 | 21005 | 40223 | 53011  |       |       |       | 26    | 10115 | 20020 |       |       |
| Cottbus              | 69    | 496 | 32980 | 13507 | 10087 | 21006 | 40213 | 53012  |       |       | 80001 |       | 10113 | 20020 |       |       |
| Görlitz              | 237   | 499 | 11665 | 83308 | 10049 | 20017 | 40199 | 51014  | 60022 | 72586 | 21    | 30    | 10077 | 20008 |       |       |
| Aachen               | 202   | 501 | 32980 | 10606 | 10110 | 21071 | 40231 | 53004  |       |       | 80001 |       | 10137 | 20006 |       |       |
| Nörvenich            | 118   | 502 | 32782 | 10101 | 10118 | 21023 | 40248 | 53004  |       |       | 81100 |       | 10102 | 21008 |       |       |
| Nürnberg/Barweiler   | 485   | 506 | 32780 | 20707 | 10087 | 21027 | 40229 | 53005  |       |       | 82100 |       | 10144 | 21030 |       |       |
| Köln/Bonn, Flugh.    | 91    | 513 | 32884 | 23603 | 10122 | 21032 | 40233 | 53002  |       |       | 82400 |       | 10137 | 21009 |       |       |
| Mendig               | 182   | 514 | 32780 | 20905 | 10106 | 21026 | 40234 | 53004  |       |       | 84500 |       | 10143 | 21006 |       |       |
| Bendorf              | 127   | 526 | 32684 | 31204 | 10115 | 21026 | 40240 | 53004  |       |       | 83100 |       | 10101 | 21002 |       |       |
| Bad Marienberg       | 186   | 532 | 32770 | 10405 | 10097 | 21032 | 40247 | 53011  |       |       | 81500 |       | 10115 | 21010 |       |       |
| Gießen               | 273   | 542 | 36/60 | /0404 | 10078 | 21030 | 40250 | 53006  |       |       |       |       | 10093 | 21015 |       |       |
| Wasserkuppe          | 921   | 544 | 32575 | 70208 | 10023 | 21045 | 48516 | 53005  |       |       | 875// |       | 10038 | 21031 |       |       |
| Meiningen            | 450   | 548 | 32675 | 70105 | 10061 | 21040 | 40246 | 53006  |       |       | 875// |       | 10076 | 20007 |       |       |
| Schmücke             | 937   | 552 | 16/// | /3603 | 10007 | 21041 | 48510 | 53005  | 69902 |       | 86500 |       | 10025 | 21032 |       |       |
| Erfurt-Bindersleben  | 315   | 554 | 32781 | 63405 | 10069 | 21007 | 40243 | 53005  | 69902 |       | 8453/ |       | 10087 | 20008 |       |       |
| Neuhaus a.R.         | 845   | 557 | 11578 | 73504 | 10018 | 21040 | 48507 | 53007  | 69902 | 70382 | 875// |       | 10032 | 1023  |       |       |
| Gera-Leumnitz        | 311   | 567 | 12575 | 73109 | 10073 | 21003 | 40223 | 53004  | 69902 |       | 875// |       | 10092 | 20008 |       |       |
| Chemnitz             | 418   | 577 | 12670 | 73309 | 10066 | 21003 | 40221 | 53005  | 69922 |       | 875// |       | 10070 | 21008 |       |       |
| Fichtelberg          | 1213  | 578 | 11566 | 73123 | 10124 | 21027 | 48484 | 53006  | 69982 | 72874 | 875// | 24    | 31    | 11020 | 21053 | 50012 |
| Zinnwald-Georg.      | 877   | 582 | 11380 | 43414 | 10013 | 21022 | 48480 | 53009  | 69902 | 70182 | 84800 |       | 10142 | 20009 |       |       |
| Lichtenhain/Mittelnd | 300   | 591 | 16/60 | /3514 | 10068 | 21006 | 40202 | 53011  | 69902 |       |       | 22    | 30    | 10082 | 20000 |       |
| Trier-Petrisberg     | 265   | 609 | 32780 | 20406 | 10112 | 21043 | 40224 | 53003  |       |       | 81401 |       | 10137 | 20002 |       |       |
| Deuselbach           | 480   | 615 | 32681 | 20607 | 10080 | 21046 | 40227 | 53005  |       |       | 82201 |       | 10110 | 20009 |       |       |
| Pferdsfeld           | 396   | 626 | 32782 | 30805 | 10083 | 21027 | 40243 | 53004  |       |       | 83500 |       | 10108 | 20001 |       |       |

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| Station              | Hoehle   | ihVV  | Nddff | 1sTTT | 2sTTT | 4PPPP | 5appp | 7wwWW | 8NCCC | ff-ff | sTTT | sTTT | sTTT | sTTT |
|----------------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|
|                      | iii      | Rx    |       | n     | nddd  |       |       | 12    | hLMH  | xx gg | n    | n    | n    | n    |
| Helgoland            | 4 015    | 42980 | 00109 | 10031 | 20012 | 40276 | 51007 |       |       |       |      |      |      |      |
| List/Sylt            | 26 020   | 42982 | 03610 | 10013 | 21019 | 40274 | 51008 |       |       |       |      |      |      |      |
| Leck                 | 7 022    | 42984 | 03205 | 10010 | 21021 | 40277 | 52015 |       |       |       |      |      |      |      |
| Musum                | 28 026   | 42980 | 13107 | 10016 | 21039 | 40272 | 52015 |       | 80001 |       | 0046 | 0064 | 0069 | 0042 |
| Glücksburg/Meierwik  | 27 033   | 42980 | 03106 | 10048 | 21038 | 40269 | 52019 |       |       |       | 0052 | 0064 | 0068 | 0039 |
| Schleswig            | 43 035   | 42989 | 23008 | 10038 | 21038 | 40275 | 52013 |       |       | 80001 | 0067 | 0074 | 0078 | 0042 |
| Hohn                 | 12 038   | 42970 | 02904 | 10023 | 21049 | 40274 | 52017 |       |       |       | 0053 | 0074 | 0072 | 0051 |
| Kiel-Holtenau        | 31 046   | 42970 | 03003 | 10013 | 21042 | 40265 | 52007 |       |       |       | 0069 | 0083 | 0084 | 0058 |
| Puttgarden           | 1 063    | 46/60 | /2805 | 10026 | 21016 | 40262 | 52008 |       |       |       | 0060 | 0073 | 0074 | 0052 |
| Arkona               | 42 091   | 42989 | 03013 | 10032 | 21015 | 40256 | 51007 |       |       |       | 0051 | 0061 | 0066 | 0048 |
| Norderney            | 11 113   | 42970 | 00507 | 10033 | 21003 | 40277 | 51007 |       |       |       | 0058 | 0059 | 0053 | 0036 |
| Bremerhaven          | 7 129    | 42974 | 00407 | 10053 | 21019 | 40274 | 51012 |       |       |       | 0061 | 0076 | 0090 | 0058 |
| Cuxhaven             | 5 131    | 42968 | 03509 | 10043 | 20018 | 40277 | 51011 |       |       |       | 0068 | 0080 | 0091 | 0061 |
| Hamburg, Flugh.      | 16 147   | 42975 | 03603 | 10045 | 21031 | 40269 | 51016 |       |       |       | 0078 | 0092 | 0087 | 0055 |
| Lübeck-Blankensee    | 14 156   | 42970 | 00000 | 10011 | 21035 | 40267 | 52010 |       |       |       |      |      |      | 0059 |
| Boltenhagen          | 15 161   | 42981 | 03105 | 10040 | 21039 | 40266 | 51009 |       |       |       | 0071 | 0076 | 0076 | 0050 |
| Schwerin             | 59 162   | 42970 | 03403 | 10040 | 21049 | 40266 | 51011 |       |       |       | 0048 | 0070 | 0075 | 0042 |
| Rostock-Warnemünde   | 4 170    | 42984 | 02707 | 10039 | 21068 | 40261 | 51009 |       |       |       | 0035 | 0060 | 0069 | 0045 |
| Teterow              | 46 177   | 46/60 | /3403 | 10035 | 21035 | 40257 | 52009 |       |       |       | 0023 | 0041 | 0042 | 0026 |
| Barth                | 7 180    | 46/59 | /2903 | 10019 | 21034 | 40255 | 51009 |       |       |       | 0064 | 0069 | 0062 | 0036 |
| Greifswald           | 2 184    | 42982 | 03005 | 10026 | 21048 | 40254 | 51008 |       |       |       | 0041 | 0051 | 0059 | 0026 |
| Uckermünde           | 1 193    | 46/59 | /2702 | 10001 | 21030 | 40256 | 51009 |       |       |       | 0053 | 0062 | 0060 | 0036 |
| Emden-Hafen          | 5 203    | 46/60 | /0503 | 10037 | 21018 | 40273 | 51011 |       |       |       | 0065 | 0084 | 0084 | 0059 |
| Oldenburg            | 11 215   | 42970 | 10104 | 10040 | 20022 | 40275 | 52016 |       | 81030 |       | 0064 | 0074 | 0076 | 0062 |
| Bremen, Flugh.       | 3 224    | 42975 | 00309 | 10042 | 21032 | 40269 | 51016 |       |       |       | 0076 | 0085 | 0079 | 0062 |
| Soltau               | 77 235   | 42970 | 00103 | 10035 | 21026 | 40271 | 51020 |       |       |       | 0049 | 0066 | 0072 | 0051 |
| Boitzenburg          | 45 249   | 46/60 | /0303 | 10047 | 21070 | 40270 | 51012 |       |       |       | 0077 | 0088 | 0091 | 0060 |
| Lüchow               | 17 253   | 42970 | 02203 | 10045 | 21056 | 40263 | 51015 |       |       |       | 0049 | 0067 | 0074 | 0052 |
| Seehausen            | 21 261   | 42980 | 03203 | 10025 | 21082 | 40264 | 51016 |       |       |       | 0068 | 0077 | 0078 | 0053 |
| Maritz               | 81 264   | 46/75 | /3304 | 10025 | 21053 | 40262 | 51013 |       |       |       | 0056 | 0066 | 0066 | 0039 |
| Neuruppin            | 38 270   | 42982 | 03504 | 10029 | 21077 | 40255 | 51016 |       |       |       | 0051 | 0065 | 0072 | 0040 |
| Neubrandenburg       | 81 280   | 42980 | 03306 | 10041 | 21044 | 40258 | 51011 |       |       |       | 0026 | 0041 | 0045 | 0029 |
| Angermünde           | 56 291   | 42970 | 03405 | 10012 | 21030 | 40249 | 51014 |       |       |       | 0092 | 0099 | 0098 | 0078 |
| Lingen               | 24 305   | 42970 | 03301 | 10048 | 21009 | 40267 | 51013 |       |       |       | 0082 | 0095 | 0094 | 0072 |
| Münster/Osnabrück    | 48 315   | 42970 | 00000 | 10032 | 21025 | 40264 | 51013 |       |       |       | 0087 | 0092 | 0092 | 0065 |
| Osnabrück            | 95 317   | 46/60 | /0000 | 10057 | 21032 | 40267 | 51013 |       |       |       | 0072 | 0080 | 0084 | 0061 |
| Diepholz             | 39 321   | 42975 | 00102 | 10054 | 21024 | 40267 | 52011 |       |       |       | 0063 | 0084 | 0089 | 0068 |
| Bad Salzfluren       | 135 325  | 42980 | 00404 | 10045 | 21032 | 40265 | 51012 |       |       |       | 0052 | 0064 | 0068 | 0057 |
| Hannover, Flugh.     | 56 338   | 42975 | 00106 | 10044 | 21038 | 40262 | 52017 |       |       |       | 0046 | 0056 | 0062 | 0050 |
| Braunschweig         | 81 348   | 42982 | 00602 | 10052 | 21026 | 40262 | 52019 |       |       |       | 0055 | 0068 | 0075 | 0052 |
| Gardelegen           | 47 359   | 46/60 | /3502 | 10023 | 21064 | 40262 | 51018 |       |       |       | 0049 | 0070 | 0083 | 0054 |
| Magdeburg            | 79 361   | 42970 | 03204 | 10029 | 21061 | 40259 | 51019 |       |       |       | 0044 | 0056 | 0063 | 0055 |
| Potsdam              | 81 379   | 42981 | 03608 | 10041 | 21102 | 40252 | 51018 |       |       |       | 0062 | 0078 | 0078 | 0055 |
| Berlin-Dahlem        | 51 381   | 42984 | 03607 | 10052 | 21094 | 40249 | 52018 |       |       |       | 0044 | 0054 | 0054 | 0034 |
| Berlin-Tegel, Flugh. | 37 382   | 42983 | 03404 | 10046 | 21099 | 40244 | 51018 |       |       |       | 0042 | 0056 | 0062 | 0048 |
| Berlin-Temp., Flugh. | 50 384   | 42980 | 03507 | 10047 | 21063 | 40250 | 51018 |       |       |       | 0060 | 0070 | 0067 | 0051 |
| Berlin-Schönefeld    | 47 385   | 42982 | 03607 | 10046 | 21047 | 40245 | 51019 |       |       |       | 0060 | 0073 | 0075 | 0063 |
| Lindenberg           | 98 393   | 42970 | 03509 | 10033 | 21030 | 40238 | 51017 |       |       |       | 0090 | 0105 | 0107 | 0077 |
| Manschnow            | 12 396   | 42960 | 03210 | 10025 | 21023 | 40237 | 51019 |       |       |       | 0058 | 0088 | 0089 | 0066 |
| Düsseldorf, Flugh.   | 45 400   | 42970 | 00506 | 10076 | 21027 | 40260 | 52019 |       |       |       | 0087 | 0089 | 0090 | 0069 |
| Bocholt              | 21 406   | 42970 | 00806 | 10070 | 21026 | 40260 | 51015 |       |       |       | 0077 | 0084 | 0072 | 0058 |
| Essen                | 152 410  | 42984 | 00607 | 10073 | 21027 | 40267 | 51017 |       |       |       | 1001 | 1002 | 0000 | 0004 |
| Lüdenscheid          | 387 418  | 46/60 | /0803 | 10035 | 21037 | 40266 | 51015 |       |       |       | 0060 | 0069 | 0072 | 0061 |
| Kahler Asten         | 839 427  | 42982 | 00609 | 10041 | 21051 | 48520 | 51012 |       |       |       | 0064 | 0075 | 0075 | 0061 |
| Bad Lippspringe      | 157 430  | 42982 | 00802 | 10010 | 21024 | 40269 | 51012 |       |       |       | 0027 | 0047 | 0057 | 0050 |
| Kassel               | 231 438  | 42781 | 13203 | 10060 | 21045 | 40257 | 51012 |       |       |       | 0034 | 0050 | 0057 | 0041 |
| Göttingen            | 167 444  | 42970 | 01302 | 10021 | 21019 | 40264 | 51013 |       |       |       | 0000 | 1001 | 1001 | 0001 |
| Leinefelde           | 356 449  | 42977 | 03305 | 10037 | 21025 | 40262 | 51012 |       |       |       | 0067 | 0068 | 0056 | 0049 |
| Braunlage            | 607 452  | 42962 | 03605 | 10011 | 21048 | 40265 | 51014 |       |       |       | 0038 | 0051 | 0057 | 0045 |
| Brocken              | 1142 453 | 42984 | 00220 | 11023 | 21066 | 48519 | 51012 |       |       | 23 27 | 0048 | 0054 | 0071 | 0051 |
| Artern               | 164 460  | 42980 | 03306 | 10039 | 21014 | 40258 | 52016 |       |       |       | 0030 | 0046 | 0059 | 0049 |
| Leipzig-Schkeuditz   | 144 469  | 42980 | 03307 | 10042 | 21018 | 40252 | 51019 |       |       |       | 0036 | 0047 | 0054 | 0047 |
| Wittenberg           | 105 474  | 42980 | 03505 | 10045 | 21035 | 40249 | 51018 |       |       |       | 0041 | 0056 | 0062 | 0049 |
| Oschatz              | 150 480  | 42980 | 03305 | 10034 | 20000 | 40245 | 51020 |       |       |       | 0019 | 0041 | 0057 | 0049 |
| Dresden-Klotzsche    | 222 488  | 42970 | 03608 | 10046 | 21021 | 40239 | 51022 |       |       |       | 0034 | 0039 | 0043 | 0039 |
| Doberlug-Kirchhain   | 97 500   | 42970 | 03608 | 10033 | 21025 | 40247 | 51021 |       |       |       | 0106 | 0120 | 0112 | 0087 |
| Cottbus              | 69 496   | 42980 | 03506 | 10045 | 21035 | 40236 | 51021 |       |       |       | 0083 | 0094 | 0096 | 0077 |
| Görlitz              | 237 499  | 42765 | 83413 | 10045 | 20004 | 40218 | 51018 |       |       | 875// | 0078 | 0083 | 0078 | 0059 |
| Aachen               | 202 501  | 42980 | 20603 | 10074 | 21045 | 40252 | 52017 |       |       | 80001 | 0165 | 0110 | 0108 | 0086 |
| Nörvenich            | 118 502  | 42980 | 00506 | 10066 | 21015 | 40265 | 52014 |       |       |       | 0030 | 0032 | 0028 | 0026 |
| Nürburg/Barweiler    | 485 506  | 42975 | 01405 | 10056 | 21031 | 40252 | 51015 |       |       |       | 0121 | 0114 | 0112 | 0093 |
| Köln/Bonn, Flugh.    | 91 513   | 42983 | 00708 | 10080 | 21020 | 40256 | 53021 |       |       |       | 0065 | 0075 | 0067 | 0047 |
| Mendig               | 182 514  | 42965 | 03201 | 10041 | 21022 | 40264 | 52021 |       |       |       | 0070 | 0072 | 0080 | 0074 |
| Bendorf              | 127 515  | 42982 | 00806 | 10068 | 21012 | 40257 | 52020 |       |       |       | 0074 | 0078 | 0075 | 0059 |
| Bad Marienberg       | 547 526  | 42984 | 01105 | 10029 | 21048 | 40268 | 52018 |       |       |       | 1002 | 1001 | 0001 | 0007 |
| Glessen              | 186 532  | 42970 | 00000 | 10056 | 21051 | 40266 | 52015 |       |       | 86500 | 0035 | 0047 | 0046 | 0033 |
| Bad Hersfeld         | 273 542  | 42582 | 60000 | 10057 | 21031 | 40267 | 50013 |       |       |       | 1002 | 1001 | 0001 | 0007 |
| Wasserkuppe          | 921 544  | 42665 | 75606 | 10013 | 21055 | 48522 | 52011 |       |       | 875// | 0030 | 0047 | 0043 | 0033 |
| Meiningen            | 450 548  | 42570 | 53206 | 10046 | 21034 | 40262 | 51012 |       |       | 85500 | 1002 | 1001 | 0003 | 0000 |
| Schmücke             | 937 552  | 46//  | /0105 | 10002 | 21042 | 48520 | 51012 |       |       |       | 0037 | 0051 | 0046 | 0042 |
| Erfurt-Bindersleben  | 315 554  | 42781 | 63209 | 10054 | 21013 | 40258 | 51012 |       |       | 86500 | 1004 | 1002 | 1001 | 0001 |
| Neuhaus a.R.         | 845 557  | 42670 | 73406 | 10012 | 21029 | 48514 | 51010 |       |       | 875// | 0036 | 0045 | 0050 | 0042 |
| Gera-Leumnitz        | 311 567  | 42578 | 53304 | 10053 | 21005 | 40244 | 52017 |       |       | 85500 | 0030 | 0032 | 0028 | 0026 |
| Chemnitz             | 418 577  | 42968 | 13607 | 10033 | 21012 | 40245 | 51017 |       |       | 80001 | 1011 | 1003 | 0000 | 1002 |
| Fichtelberg          | 1213 578 | 42566 | 63320 | 11028 | 21029 | 48496 | 51014 |       |       | 86500 |      |      |      |      |
| Zinnwald-Georg.      | 877 582  | 42970 | 03515 | 11004 | 21033 | 48492 | 51018 |       |       |       | 0042 | 0045 | 0047 | 0044 |
| Lichtenhain/Mittelnd | 300 591  | 46/60 | /3511 | 10042 | 21018 | 40258 | 10021 |       |       |       | 0086 | 0103 | 0109 | 0081 |
| Trier-Petrisberg     | 265 609  | 42975 | 01303 | 10066 | 21039 | 40248 | 52019 |       |       |       |      |      |      | 0062 |
| Deuselbach           | 480 615  | 42975 | 10809 | 10047 | 21036 | 40249 |       |       |       |       |      |      |      |      |



| Station<br>YYGG | Meiningen   |                  |                | Stuttgart   |                  |                | Muenchen    |                  |                | Greifswald  |                  |                | Lindenberg  |                  |                | Greifswald  |                  |                | Lindenberg  |                  |                |
|-----------------|-------------|------------------|----------------|-------------|------------------|----------------|-------------|------------------|----------------|-------------|------------------|----------------|-------------|------------------|----------------|-------------|------------------|----------------|-------------|------------------|----------------|
|                 | 1400        |                  |                | 1400        |                  |                | 1400        |                  |                | 1406        |                  |                | 1406        |                  |                | 1418        |                  |                | 1418        |                  |                |
|                 | hhhh<br>ppp | TTTdTd<br>TTTTdD | ddfff<br>ddfff | hhhh<br>ppp | TTTdTd<br>TTTTdD | ddfff<br>ddfff | hhhh<br>ppp | TTTdTd<br>TTTTdD | ddfff<br>ddfff | hhhh<br>ppp | TTTdTd<br>TTTTdD | ddfff<br>ddfff | hhhh<br>ppp | TTTdTd<br>TTTTdD | ddfff<br>ddfff | hhhh<br>ppp | TTTdTd<br>TTTTdD | ddfff<br>ddfff | hhhh<br>ppp | TTTdTd<br>TTTTdD | ddfff<br>ddfff |
| 10              | 3081        | -32              | 23 22          | 3082        | -32              | 24 33          | 3084        | -33              | 26 28          | 3076        | -31              | 15 21          | 3080        | -33              | 19 18          | 3078        | -30              | 17 24          | 3088        | -28              | 10 8           |
| 20              | 2603        | -47              | 25 45          | 2609        | -48              | 24 57          | 2611        | -47              | 25 46          | 2594        | -47              | 24 22          | 2599        | -45              | 25 42          | 2598        | -42              | 21 20          | 2600        | -45              | 24 35          |
| 30              | 2342        | -58              | 26 51          | 2347        | -58              | 26 46          | 2348        | -57              | 27 49          | 2329        | -57              | 27 18          | 2335        | -54              | 26 40          | 2332        | -56              | 24 6           | 2335        | -54              | 25 22          |
| 50              | 2022        | -59              | 27 34          | 2026        | -60              | 26 31          | 2027        | -60              | 28 32          | 2011        | -62              | 31 26          | 2016        | -61              | 28 29          | 2012        | -64              | 34 11          | 2014        | -63              | 29 16          |
| 70              | 1811        | -59              | 29 21          | 1816        | -59              | 28 22          | 1816        | -58              | 29 26          | 1804        | -63              | 33 23          | 1806        | -60              | 29 23          | 1806        | -64              | 34 27          | 1806        | -62              | 33 15          |
| 100             | 1588        | -60              | 31 27          | 1592        | -58              | 32 26          | 1591        | -58              | 30 20          | 1583        | -59              | 35 21          | 1582        | -58              | 32 24          | 1586        | -60              | 36 23          | 1584        | -60              | 35 28          |
| 150             | 1331        | -55              | 33 34          | 1337        | -58              | 32 34          | 1334        | -56              | 32 40          | 1326        | -58              | 36 28          | 1325        | -55              | 34 25          | 1331        | -58              | 36 23          | 1328        | -58              | 36 28          |
| 200             | 1149        | -55              | 33 43          | 1155        | -57              | 32 49          | 1151        | -56              | 31 48          | 1144        | -57              | 31 26          | 1141        | -55              | 33 34          | 1149        | -59              | 33 36          | 1145        | -56              | 32 39          |
| 250             | 1006        | -55              | 33 45          | 1014        | -57              | 32 53          | 1011        | -59              | 30 67          | 1003        | -59              | 31 26          | 0998        | -55              | 33 34          | 1010        | -61              | 33 36          | 1005        | -59              | 32 37          |
| 300             | 0889        | -54              | 32 43          | 0898        | -52              | 32 56          | 0895        | -52              | 29 64          | 0888        | -57              | 31 26          | 0883        | -59              | 33 34          | 0895        | -56              | 33 36          | 0890        | -58              | 32 31          |
| 400             | 0701        | -43              | 33 28          | 0706        | -39              | 31 46          | 0703        | -39              | 31 52          | 0701        | -44              | 32 25          | 0697        | -45              | 34 45          | 0707        | -42              | 34 50          | 0703        | -43              | 34 21          |
| 500             | 0547        | -32              | 36 19          | 0550        | -28              | 32 29          | 0547        | -30              | 31 25          | 0547        | -30              | 32 20          | 0543        | -31              | 33 36          | 0551        | -29              | 37 5           | 0548        | -30              | 32 26          |
| 700             | 0299        | -11              | 36 16          | 0300        | -10              | 36 10          | 0298        | -12              | 36 22          | 0298        | -13              | 22 16          | 0296        | -13              | 27 19          | 0301        | -12              | 16 3           | 0299        | -13              | 27 24          |
| 850             | 0148        | -5               | 6 4            | 0148        | -4               | 8 10           | 0148        | -6               | 8 5            | 0148        | -5               | 11 2           | 0146        | -4               | 8 3            | 0150        | -3               | 32 3           | 0148        | -3               | 12 3           |
| 1000            |             |                  |                |             |                  |                |             |                  |                | 0018        | 1                | 5 3            | 0015        | 1                | 0 33           | 0020        | 5                | 10 2           | 0017        | 8                | 3 36           |
|                 |             |                  |                | 0080        | -26              | 29 60          | 0110        |                  | 24 35          | 0059        | -28              | 14 30          |             |                  |                |             |                  | 0077           | -30         | 13 36            |                |
|                 |             |                  |                | 0086        | -30              |                | 0115        | -33              | 24 29          | 0064        | -31              |                |             |                  |                |             |                  | 0088           |             | 12 12            |                |
|                 |             |                  |                | 0106        | -33              | 24 41          | 0131        |                  | 25 53          | 0072        |                  | 11 17          |             |                  |                |             |                  | 0098           |             | 10 9             |                |
|                 |             |                  |                | 0113        | -39              |                | 0140        | -43              |                | 0080        | -25              |                |             |                  |                |             |                  | 0103           | -27         | 15 6             |                |
|                 |             |                  |                | 0146        | -36              | 24 38          | 0147        |                  | 25 22          | 0090        |                  | 18 17          |             |                  |                |             |                  | 0110           | -33         | 17 23            |                |
|                 |             |                  |                | 0160        |                  | 26 46          | 0156        | -42              |                | 0098        | -31              |                | 0073        | -32              | 15 21          |             |                  | 0118           |             | 17 21            |                |
|                 | 0074        | -30              | 18 23          | 0169        | -47              |                | 0165        |                  | 25 49          | 0110        |                  | 14 18          | 0085        | -26              | 12 19          |             |                  | 0132           |             | 22 21            |                |
|                 | 0078        |                  | 20 11          | 0193        |                  | 24 58          | 0216        | -49              |                | 0117        |                  | 17 11          | 0096        | -33              | 18 21          |             |                  | 0139           | -35         |                  |                |
|                 | 0080        |                  | 23 9           | 0226        |                  | 26 40          | 0235        |                  | 26 41          | 0122        | -31              | 22 19          | 0112        | -34              | 19 8           |             |                  | 0149           |             | 21 17            |                |
|                 | 0084        | -28              | 26 20          | 0243        | -50              |                | 0250        | -48              |                | 0134        |                  | 22 27          | 0125        |                  | 22 17          |             |                  | 0159           | -33         | 21 23            |                |
|                 | 0094        | -32              | 24 30          | 0264        |                  | 27 55          | 0282        | -56              | 27 48          | 0167        | -38              |                | 0139        | -31              |                |             |                  | 0199           | -26         | 24 37            |                |
|                 | 0098        |                  | 23 23          | 0300        | -58              | 26 46          | 0316        |                  | 26 53          | 0209        | -49              |                | 0158        | -38              | 23 39          | 0066        | -28              | 14 33          | 0159        | -33              | 21 23          |
|                 | 0109        |                  | 24 31          | 0361        | -57              |                | 0349        | -60              |                | 0261        |                  | 24 19          | 0167        |                  | 22 35          | 0080        | -29              | 10 14          | 0191        |                  | 24 37          |
|                 | 0129        |                  | 23 30          | 0428        | -61              |                | 0412        |                  | 28 32          | 0302        |                  | 27 18          | 0185        | -41              | 25 36          | 0085        |                  | 11 10          | 0200        | -45              | 24 35          |
|                 | 0137        | -35              |                | 0502        |                  | 26 31          | 0433        | -57              |                | 0337        | -60              |                | 0219        | -51              |                | 0091        | -26              |                | 0246        | -47              |                |
|                 | 0172        | -44              | 24 53          | 0811        |                  | 29 19          | 0508        | -60              |                | 0713        | -63              |                | 0252        |                  | 24 40          | 0102        | -31              | 18 24          | 0255        |                  | 23 29          |
|                 | 0229        |                  | 27 37          | 0887        |                  | 31 17          | 0606        |                  | 27 28          | 0764        |                  | 34 24          | 0265        | -51              |                | 0125        |                  | 14 27          | 0265        | -52              |                |
|                 | 0261        |                  | 26 56          | 1000        | -58              | 32 26          | 0655        | -58              |                | 1000        | -59              | 35 21          | 0292        |                  | 26 40          | 0150        | -34              |                | 0286        |                  | 25 22          |
|                 | 0309        | -59              |                | 1160        | -59              | 33 31          | 0761        |                  | 30 27          | 1130        | -57              | 35 21          | 0360        |                  | 26 41          | 0156        | -38              | 17 15          | 0383        |                  | 25 25          |
|                 | 0517        |                  | 27 33          | 1260        |                  | 31 31          | 1000        | -58              | 30 20          | 1190        | -58              | 30 21          | 0393        | -62              |                | 0170        |                  | 23 14          | 0465        | -62              | 28 14          |
|                 | 0689        |                  | 29 22          | 1900        | -56              | 32 48          | 1030        | -58              | 30 21          | 1290        | -56              | 30 21          | 0684        |                  | 29 24          | 0196        | -42              |                | 0562        | -64              | 31 20          |
|                 | 0745        |                  | 31 20          | 1980        |                  |                | 1160        | -54              | 30 21          | 1390        | -56              | 35 29          | 0764        |                  | 31 20          | 0213        |                  | 20 15          | 0656        |                  | 31 14          |
|                 | 0828        |                  | 33 25          | 2330        | -58              | 31 53          | 1320        | -57              | 30 21          | 1430        |                  |                | 0877        |                  | 33 26          | 0283        |                  | 25 10          | 0774        |                  | 35 19          |
|                 | 1000        | -60              | 31 27          | 2400        |                  |                | 1390        |                  | 32 38          | 1480        | -58              | 35 29          | 1000        | -58              | 32 24          | 0316        | -57              | 24 3           | 1000        | -60              | 35 28          |
|                 | 1040        | -59              | 31 26          | 2670        | -57              | 30 55          | 1470        | -56              | 30 21          | 1680        | -55              | 35 29          | 1030        |                  | 32 23          | 0344        |                  | 31 7           | 1130        |                  | 35 22          |
|                 | 1220        | -56              | 31 26          | 2810        | -56              | 30 55          | 1690        | -58              | 30 21          | 1720        | -57              | 35 29          | 1340        |                  | 36 26          | 0414        |                  | 30 7           | 1300        | -56              | 35 28          |
|                 | 1350        | -57              | 31 26          | 3100        | -51              | 30 59          | 1830        | -57              | 30 21          | 2130        | -57              | 35 29          | 1480        |                  | 34 25          | 0479        | -64              | 36 11          | 1470        | -58              | 35 29          |
|                 | 1460        | -55              | 33 37          | 3420        | -47              | 31 53          | 1990        | -56              | 31 48          | 2510        | -59              | 4 35           | 1690        |                  | 36 25          | 0539        |                  | 36 11          | 1860        | -55              | 35 29          |
|                 | 1560        |                  |                | 3820        | -41              | 31 53          | 2160        |                  | 31 48          | 2860        | -57              | 6 36           | 1870        | -54              | 37 0783        | -64         | 36 23            | 2250           | -59         | 35 28            |                |
|                 | 1610        | -57              | 33 37          | 4250        | -35              | 32 10          | 2400        | -59              | 32 18          | 2940        |                  | 6 37           | 2040        | -55              | 37 1000        | -60         | 36 23            | 2780           | -59         | 35 28            |                |
|                 | 2100        | -55              | 33 37          | 4440        | -34              | 32 10          | 2510        | -59              | 32 18          | 3070        | -57              | 6 37           | 2210        | -55              | 37 1100        | -58         | 36 23            | 2850           | -59         | 35 28            |                |
|                 | 2410        | -56              | 33 37          | 4530        | -33              | 32 10          | 2580        | -59              | 32 18          | 3340        | -54              | 6 37           | 2440        |                  | 34 41          | 1440        | -59              | 36 23          | 3140        | -57              | 35 28          |
|                 | 2510        | -55              | 33 37          | 4780        | -30              | 32 10          | 2700        | -57              | 32 18          | 4420        | -38              | 6 37           | 2570        | -54              | 35 135         | 1100        | -59              | 36 23          | 3600        |                  | 35 18          |
|                 | 2850        |                  | 32 51          | 4950        | -29              | 32 10          | 3370        | -47              | 32 18          | 4600        |                  | 3 20           | 2850        |                  | 3 41           | 1580        | -56              | 37 3950        | -44         | 35 18            |                |
|                 | 3050        | -54              | 32 43          | 5040        | -28              | 32 10          | 3460        | -46              | 32 18          | 4780        | -33              | 3 20           | 2940        |                  | 4 45           | 2310        |                  | 3 40           | 4210        |                  | 3 27           |
|                 | 3540        | -49              | 32 43          | 5130        | -27              | 32 10          | 3560        | -45              | 32 18          | 5520        | -24              | 3 20           | 3000        | -59              | 4 49           | 2470        | -61              | 3 36           | 4720        | -33              | 3 26           |
|                 | 4570        |                  | 33 15          | 5420        | -25              | 32 10          | 3860        | -41              | 31 55          | 5860        | -21              | 3 20           | 3120        | -58              | 4 59           | 2790        | -59              | 3 36           | 4900        | -31              | 3 26           |
|                 | 4760        | -35              | 36 19          | 5610        | -24              | 33 12          | 4400        | -35              | 31 55          | 6000        |                  | 3 18           | 3310        | -55              | 4 59           | 3110        | -55              | 3 36           | 5390        | -24              | 3 26           |
|                 | 4920        |                  |                | 5750        |                  | 33 12          | 4610        | -32              | 31 55          | 6280        | -18              | 2 16           | 3380        | -53              | 4 59           | 3380        |                  | 3 36           | 5470        | -24              | 3 26           |
|                 | 5120        | -31              | 36 19          | 6000        |                  | 32 10          | 4700        | -32              | 31 55          | 6580        | -15              | 2 16           | 4120        | -44              | 5 1            | 3990        | -42              | 3 36           | 5670        | -23              | 3 26           |
|                 | 5620        | -25              | 35 21          | 6170        | -19              | 32 10          | 5050        | -30              | 31 25          | 6890        |                  | 2 16           | 5160        | -29              | 5 1            | 4470        | -36              | 3 36           | 6000        |                  | 3 26           |
|                 | 6000        |                  |                | 6480        |                  | 32 7           | 5260        |                  | 31 25          | 7090        | -12              | 2 16           | 5870        | -23              | 4 26           | 4780        | -31              | 3 36           | 6310        | -17              | 3 26           |
|                 | 6250        | -18              | 36 16          | 6810        | -12              | 32 10          | 6000        |                  | 34 20          | 7250        | -12              | 2 16           | 6000        |                  | 4 26           | 4910        | -30              | 3 36           | 7120        | -12              | 3 26           |
|                 | 6930        |                  |                | 7290        | -8               | 32 10          | 6310        | -16              | 34 20          | 7510        |                  | 3 19           | 6850        | -14              | 2 28           | 6000        |                  | 5 21           | 7270        | -12              | 3 26           |
|                 | 7380        | -8               | 36 16          | 7380        | -8               | 32 10          | 6430        | -15              | 34 20          | 7740        | -9               | 3 19           | 7100        | -12              | 2 28           | 6370        | -16              | 3 36           | 7410        | -11              | 3 26           |
|                 | 7480        | -7               | 36 16          | 7580        | -8               | 32 10          | 6830        |                  | 36 23          | 7850        | -9               | 3 19           | 7260        | -12              | 2 28           | 6680        |                  | 3 36           | 7710        | -9               | 3 26           |
|                 | 7680        | -8               | 36 16          | 7920        |                  | 5 16           | 7140        | -11              | 36 19          | 8000        | -8               | 3 19           | 7370        | -13              | 3 19           | 7000        | -12              | 3 36           | 7900        | -9               | 3 26           |
|                 | 7830        | -9               | 36 16          | 8000        |                  | 5 15           | 7350        |                  | 36 19          | 8110        | -8               | 3 19           | 7540        | -12              | 3 19           | 7910        | -6               | 3 36           | 8000        |                  | 3 26           |
|                 | 8000        |                  |                | 8100        | -4               | 12             | 7650        | -8               | 15             | 8440        | -5               | 10             | 8000        |                  | 2 28           | 8000        |                  | 3 36           | 8010        | -7               | 15             |
|                 | 8220        |                  |                | 8300        | -3               | 11             | 7770        | -7               | 13             | 8730        | -3               | 14             | 8920        | -1               | 7              | 8570        | -3               | 34             | 8200        | -5               | 13             |
|                 | 8530        | -5               | 6              | 8430        | -4               | 8              | 8000        |                  | 2 10           | 9140        |                  | 2 21           | 8990        |                  | 3 31           | 8770        | -2               | 28             | 8740        | -1               | 11             |
|                 | 8580        | -5               | 6              | 8500        | -4               | 8              | 8230        | -8               |                |             |                  |                |             |                  |                |             |                  |                |             |                  |                |



| Station<br>YYGG | Meiningen |       |       | Stuttgart |       |       | Muenchen |       |       |
|-----------------|-----------|-------|-------|-----------|-------|-------|----------|-------|-------|
|                 | hhhh      | TTTTd | ddfff | hhhh      | TTTTd | ddfff | hhhh     | TTTTd | ddfff |
|                 | ppp       | TTTTd | ddfff | ppp       | TTTTd | ddfff | ppp      | TTTTd | ddfff |
| hPa             |           |       |       |           |       |       |          |       |       |
| 10              | 3089      | -29   | 20 18 | 3084      | -27   | 23 18 | 3084     | -32   | 23 24 |
| 20              | 2607      | -43   | 24 35 | 2605      | -46   | 25 42 | 2612     | -42   | 24 43 |
| 30              | 2342      | -53   | 24 46 | 2339      | -56   | 24 52 | 2344     | -54   | 25 62 |
| 50              | 2020      | -65   | 27 13 | 2019      | -63   | 28 20 | 2020     | -58   | 25 38 |
| 70              | 1813      | -63   | 33 14 | 1812      | -64   | 32 21 | 1811     | -63   | 30 14 |
| 100             | 1591      | -59   | 33 30 | 1592      | -60   | 34 31 | 1589     | -58   | 32 26 |
| 150             | 1334      | -57   | 34 38 | 1337      | -57   | 33 43 | 1332     | -56   | 33 40 |
| 200             | 1151      | -57   | 34 51 | 1155      | -56   | 34 64 | 1150     | -54   | 34 44 |
| 250             | 1010      | -55   | 35 51 | 1014      | -56   | 34 76 | 1006     | -54   | 34 51 |
| 300             | 0892      | -53   | 36 39 | 0896      | -50   | 34 67 | 0889     | -52   | 35 46 |
| 400             | 0705      | -43   | 42 33 | 0705      | -43   | 31 17 | 0701     | -44   | 31 17 |
| 500             | 0550      | -30   | 43 51 | 0550      | -30   | 48 61 | 0547     | -31   | 38 22 |
| 700             | 0301      | -12   | 27 21 | 0302      | -11   | 32 21 | 0299     | -14   | 24 12 |
| 850             | 0150      | -5    | 10 21 | 0151      | -4    | 6 8   | 0149     | -5    | 7 3   |
| 1000            |           |       |       |           |       |       |          |       |       |

|      |     |       |      |       |       |       |       |       |
|------|-----|-------|------|-------|-------|-------|-------|-------|
| 0091 | -28 | 20 32 | 0098 | 20 21 | 0070  | -24   | 29 17 |       |
| 0104 |     | 22 14 | 0109 | 24 23 | 0080  |       | 24 17 |       |
| 0118 |     | 22 37 | 0128 | 0086  | -32   | 20 23 | 0096  | -33   |
| 0150 | -37 |       | 0157 | 0101  | -27   | 24 18 | 0108  | -31   |
| 0165 | -35 | 24 39 | 0187 | 0115  | -36   | 25 32 | 0121  | -37   |
| 0187 |     | 23 32 | 0196 | 0121  |       | 23 29 | 0129  |       |
| 0213 | -47 |       | 0244 | 0131  | -33   | 24 27 | 0140  | -37   |
| 0297 |     | 23 32 | 0297 | 0150  | -41   | 25 54 | 0157  | -44   |
| 0409 | -59 |       | 0409 | 0169  | -45   | 0173  |       |       |
| 0504 | -66 |       | 0504 | 0183  |       | 24 30 | 0204  | -41   |
| 0569 |     | 25 39 | 0569 | 0191  | -43   | 0239  |       | -49   |
| 0718 |     | 24 47 | 0718 | 0200  | -46   | 25 42 | 0260  | -48   |
| 0817 |     | 0237  | 0817 | 0237  | -47   | 0301  | 0319  | -54   |
| 0929 |     | 27 13 | 0929 | 0272  | -55   | 25 63 | 0319  | -57   |
| 1000 | -59 | 33 30 | 1000 | 0429  | -59   | 26 30 | 0357  | -58   |
| 1290 | -57 | 35 28 | 1290 | 0536  | -65   | 29 16 | 0455  | -56   |
| 1380 |     | 35 36 | 1380 | 0574  |       | 32 14 | 0476  |       |
| 1410 | -55 | -87   | 1410 | 0609  |       | 33 17 | 0566  | -61   |
| 1470 | -57 | -88   | 1470 | 0700  | -64   | 32 21 | 0591  |       |
| 1550 |     | 34 36 | 1550 | 0800  | -90   | 34 31 | 0747  | -63   |
| 1710 | -56 | -88   | 1710 | 0814  |       | 0814  |       |       |
| 1860 |     | 35 54 | 1860 | 1000  | -58   | -85   | 32    | 26    |
| 1920 | -58 | -89   | 1920 | 1150  | -57   | -84   |       |       |
| 2050 | -56 | -88   | 2050 | 1210  |       | 1210  |       |       |
| 2200 | -58 | -89   | 2200 | 1250  | -58   | -85   |       |       |
| 2590 |     | 35 51 | 2590 | 1520  | -56   | -83   |       |       |
| 2760 | -53 | -75   | 2760 | 1750  | -57   | -84   |       |       |
| 2920 | -54 | -74   | 2920 | 1800  |       | 1800  |       |       |
| 3130 | -52 | -72   | 3130 | 1910  | -54   | -82   |       |       |
| 3310 | -53 | -70   | 3310 | 2530  | -54   | -75   | 34    | 51    |
| 3490 | -51 | -70   | 3490 | 2940  | -52   | -68   |       |       |
| 3600 |     | 1 20  | 3600 | 3350  | -53   | -67   | 35    | 34    |
| 4140 |     | 5 23  | 4140 | 3460  |       | 3460  |       |       |
| 4240 | -40 | -53   | 4240 | 3580  | -50   | -63   |       |       |
| 5310 | -26 | -40   | 5310 | 3860  | -46   | -60   | 1     | 36    |
| 5690 | -23 | -32   | 5690 | 3990  | -44   | -58   |       |       |
| 6000 |     | 3 16  | 6000 | 4190  | -42   | -52   |       |       |
| 6380 | -16 | -40   | 6380 | 5050  | -30   | -37   |       |       |
| 6630 |     | 1 12  | 6630 | 5160  | -29   | -35   |       |       |
| 6760 | -13 | -33   | 6760 | 5610  | -24   | -31   |       |       |
| 7130 | -12 | -25   | 7130 | 6000  |       | 6000  |       |       |
| 7520 | -8  | -22   | 7520 | 6040  | -20   | -26   |       |       |
| 7700 | -8  | -22   | 7700 | 6260  | -18   | -32   |       |       |
| 7840 | -10 | -16   | 7840 | 6910  |       | 6910  |       |       |
| 7880 | -10 | -13   | 7880 | 7040  | -13   | -23   |       |       |
| 8000 |     | 4 9   | 8000 | 7310  | -12   | -17   |       |       |
| 8100 |     | 4 9   | 8100 | 7740  | -7    | -21   |       |       |
| 8670 |     | 2 10  | 8670 | 7960  | -8    | -17   |       |       |
| 8780 | -2  | -10   | 8780 | 8000  |       | 8000  |       |       |
| 9250 | 2   | -8    | 9250 | 8030  | -8    | -8    |       |       |
| 9360 | 2   | -8    | 9360 | 8290  | -6    | -7    |       |       |
| 9570 | 4   | -6    | 9570 | 8670  | -3    | -6    |       |       |
| 9690 | 6   | -3    | 9690 | 8810  |       | 8 6   | 8650  | 3 3   |
|      |     |       |      | 8840  |       | 8 6   | 9110  | 0 - 6 |
|      |     |       |      | 9250  | 3 - 4 | 5 3   | 9250  | 2 - 5 |
|      |     |       |      | 9540  | 6 - 4 | 36 4  | 9590  | 4 - 5 |
|      |     |       |      | 9850  | 8 - 4 | 9 4   | 9840  | 6 - 3 |

|            |      |     |     |       |      |     |       |       |      |       |     |       |
|------------|------|-----|-----|-------|------|-----|-------|-------|------|-------|-----|-------|
| Tropopause | 2200 | -58 | -89 | 35 50 | 2340 | -58 | -77   | 35 71 | 3350 | -53   | -67 | 35 34 |
| Max-wind   | 3310 | -53 | -70 | 1 29  | 272  | -55 | 25 63 | 301   | -54  | 25 62 |     |       |
| 30/50      | 0322 |     |     |       | 2540 | -55 | -77   | 34 77 | 0324 |       |     |       |
| 50/100     | 0429 |     |     |       | 0427 |     |       | 0431  |      |       |     |       |
| 100/200    | 0440 |     |     |       | 0437 |     |       | 0439  |      |       |     |       |
| 200/500    | 0601 |     |     |       | 0605 |     |       | 0603  |      |       |     |       |
| 500/1000   |      |     |     |       |      |     |       |       |      |       |     |       |

Höhenwinde

Höhenwinde

| Station<br>YYGG   | Piloten<br>Gipfel-<br>punkt | km    | Schleswig<br>1406 |       | Hannover<br>1406 |       | Essen<br>1406 |       | Stuttgart<br>1406 |       | Muenchen<br>1406 |       | Dresden<br>1406 |       | Meiningen<br>1406 |       |  |
|-------------------|-----------------------------|-------|-------------------|-------|------------------|-------|---------------|-------|-------------------|-------|------------------|-------|-----------------|-------|-------------------|-------|--|
|                   |                             |       | ddfff             | ddfff | ddfff            | ddfff | ddfff         | ddfff | ddfff             | ddfff | ddfff            | ddfff | ddfff           | ddfff | ddfff             | ddfff |  |
| 30.9              | 17 18                       | 24 21 | 17 18             | 21 17 | 24 21            | 25 32 | 25 32         | 25 32 | 25 32             | 25 32 | 25 32            | 25 32 | 25 32           | 25 32 | 25 32             | 25 32 |  |
| 28.4              | 24 14                       | 25 31 | 24 14             | 25 31 | 25 32            | 25 32 | 25 32         | 25 32 | 25 32             | 25 32 | 25 32            | 25 32 | 25 32           | 25 32 | 25 32             | 25 32 |  |
| 23.7              | 31 5                        | 25 27 | 31 5              | 25 27 | 25 26            | 25 26 | 25 26         | 25 26 | 25 26             | 25 26 | 25 26            | 25 26 | 25 26           | 25 26 | 25 26             | 25 26 |  |
| 20.7              | 34 17                       | 27 24 | 34 17             | 27 24 | 28 43            | 28 43 | 28 43         | 28 43 | 28 43             | 28 43 | 28 43            | 28 43 | 28 43           | 28 43 | 28 43             | 28 43 |  |
| 18.3              | 35 22                       | 31 19 | 35 22             | 31 19 | 28 12            | 28 12 | 28 12         | 28 12 | 28 12             | 28 12 | 28 12            | 28 12 | 28 12           | 28 12 | 28 12             | 28 12 |  |
| 15.9              | 36 24                       | 35 23 | 36 24             | 35 23 | 34 31            | 34 31 | 34 31         | 34 31 | 34 31             | 34 31 | 34 31            | 34 31 | 34 31           | 34 31 | 34 31             | 34 31 |  |
| 13.5              | 36 55                       | 35 23 | 36 55             | 35 23 | 34 50            | 34 50 | 34 50         | 34 50 | 34 50             | 34 50 | 34 50            | 34 50 | 34 50           | 34 50 | 34 50             | 34 50 |  |
| 12.0              | 37 33                       | 35 40 | 37 33             | 35 40 | 34 53            | 34 53 | 34 53         | 34 53 | 34 53             | 34 53 | 34 53            | 34 53 | 34 53           | 34 53 | 34 53             | 34 53 |  |
| 10.5              | 36 22                       | 36 42 | 36 22             | 36 42 | 34 64            | 34 64 | 34 64         | 34 64 | 34 64             | 34 64 | 34 64            | 34 64 | 34 64           | 34 64 | 34 64             | 34 64 |  |
| 9.0               | 35 20                       | 36 23 | 35 20             | 36 23 | 34 70            | 34 70 | 34 70         | 34 70 | 34 70             | 34 70 | 34 70            | 34 70 | 34 70           | 34 70 | 34 70             | 34 70 |  |
| 7.2               | 34 15                       | 35 38 | 34 15             | 35 38 | 33 34            | 33 34 | 33 34         | 33 34 | 33 34             | 33 34 | 33 34            | 33 34 | 33 34           | 33 34 | 33 34             | 33 34 |  |
| 5.4               | 33 10                       | 35 17 | 33 10             | 35 17 | 32 35            | 32 35 | 32 35         | 32 35 | 32 35             | 32 35 | 32 35            | 32 35 | 32 35           | 32 35 | 32 35             | 32 35 |  |
| 4.2               | 32 10                       | 34 12 | 32 10             | 34 12 | 31 25            | 31 25 | 31 25         | 31 25 | 31 25             | 31 25 | 31 25            | 31 25 | 31 25           | 31 25 | 31 25             | 31 25 |  |
| 3.0               | 31 10                       | 33 12 | 31 10             | 33 12 | 30 24            | 30 24 | 30 24         | 30 24 | 30 24             | 30 24 | 30 24            | 30 24 | 30 24           | 30 24 | 30 24             | 30 24 |  |
| 2.0               | 30 10                       | 32 13 | 30 10             | 32 13 | 29 23            | 29 23 | 29 23         | 29 23 | 29 23             | 29 23 | 29 23            | 29 23 | 29 23           | 29 23 | 29 23             | 29 23 |  |
| 1.5               | 29 10                       | 31 14 | 29 10             | 31 14 | 28 22            | 28 22 | 28 22         | 28 22 | 28 22             | 28 22 | 28 22            | 28 22 | 28 22           | 28 22 | 28 22             | 28 22 |  |
| 1.1               | 28 10                       | 30 14 | 28 10             | 30 14 | 27 21            | 27 21 | 27 21         | 27 21 | 27 21             | 27 21 | 27 21            | 27 21 | 27 21           | 27 21 | 27 21             | 27 21 |  |
| .9                | 27 10                       | 29 14 | 27 10             | 29 14 | 26 13            | 26 13 | 26 13         | 26 13 | 26 13             | 26 13 | 26 13            | 26 13 | 26 13           | 26 13 | 26 13             | 26 13 |  |
| Maximal-<br>winde |                             |       |                   |       |                  |       |               |       |                   |       |                  |       |                 |       |                   |       |  |